

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:	Q3574	OrderDate:	11/7/2025 10:02:13 AM
Client:	Pacific Commercial Services Inc.	Project:	Kilo Pier
Contact:	Wendi Zheng	Location:	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3574-01	304641-01 Liquid	Water	SVOC-PAH	8270E	11/04/25	11/10/25	11/13/25	11/07/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3574
Client: Pacific Commercial Services Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :				0.000					
Total Svoc :					0.00				
Total Concentration:					0.00				



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3574

Client: Pacific Commercial Services Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170473BL	PB170473BL	Nitrobenzene-d5	100	84.0	84		44	120
		2-Fluorobiphenyl	100	80.8	81		44	119
		Terphenyl-d14	100	95.0	95		50	134
PB170473BS	PB170473BS	Nitrobenzene-d5	100	83.2	83		44	120
		2-Fluorobiphenyl	100	76.8	77		44	119
		Terphenyl-d14	100	96.5	96		50	134
PB170473BSD	PB170473BSD	Nitrobenzene-d5	100	82.0	82		44	120
		2-Fluorobiphenyl	100	78.5	79		44	119
		Terphenyl-d14	100	94.1	94		50	134
Q3574-01	304641-01 Liquid	Nitrobenzene-d5	100	108	108		44	120
		2-Fluorobiphenyl	100	96.9	97		44	119
		Terphenyl-d14	100	36.0	36	*	50	134

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3574

Analytical Method: 8270E

Client: Pacific Commercial Services Inc.

DataFile: BF144245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170473BS	Naphthalene	50	41.6	ug/L	83				40	121	
	Acenaphthylene	50	46.9	ug/L	94				41	130	
	Acenaphthene	50	37.6	ug/L	75				47	122	
	Fluorene	50	42.8	ug/L	86				52	124	
	Phenanthrene	50	43.2	ug/L	86				59	120	
	Anthracene	50	43.3	ug/L	87				57	123	
	Fluoranthene	50	41.3	ug/L	83				57	128	
	Pyrene	50	51.7	ug/L	103				57	126	
	Benzo(a)anthracene	50	45.2	ug/L	90				58	125	
	Chrysene	50	46.5	ug/L	93				59	123	
	Benzo(b)fluoranthene	50	41.5	ug/L	83				53	131	
	Benzo(k)fluoranthene	50	46.1	ug/L	92				57	129	
	Benzo(a)pyrene	50	46.7	ug/L	93				54	128	
	Indeno(1,2,3-cd)pyrene	50	45.9	ug/L	92				52	134	
	Dibenz(a,h)anthracene	50	45.7	ug/L	91				51	134	
	Benzo(g,h,i)perylene	50	47.4	ug/L	95				50	134	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3574

Analytical Method: 8270E

Client: Pacific Commercial Services Inc.

DataFile: BF144246.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170473BSD	Naphthalene	50	41.1	ug/L	82	1			40	121	20
	Acenaphthylene	50	47.0	ug/L	94	0			41	130	20
	Acenaphthene	50	38.2	ug/L	76	2			47	122	20
	Fluorene	50	42.6	ug/L	85	0			52	124	20
	Phenanthrene	50	43.1	ug/L	86	0			59	120	20
	Anthracene	50	43.5	ug/L	87	0			57	123	20
	Fluoranthene	50	40.8	ug/L	82	1			57	128	20
	Pyrene	50	49.4	ug/L	99	5			57	126	20
	Benzo(a)anthracene	50	44.5	ug/L	89	2			58	125	20
	Chrysene	50	45.7	ug/L	91	2			59	123	20
	Benzo(b)fluoranthene	50	42.6	ug/L	85	3			53	131	20
	Benzo(k)fluoranthene	50	45.0	ug/L	90	2			57	129	20
	Benzo(a)pyrene	50	47.1	ug/L	94	1			54	128	20
	Indeno(1,2,3-cd)pyrene	50	45.7	ug/L	91	0			52	134	20
	Dibenz(a,h)anthracene	50	45.9	ug/L	92	0			51	134	20
	Benzo(g,h,i)perylene	50	46.6	ug/L	93	2			50	134	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170473BL

Lab Name: Alliance

Contract: PACI01

Lab Code: ACE

SDG NO.: Q3574

Lab File ID: BF144244.D

Lab Sample ID: PB170473BL

Instrument ID: BNA_F

Date Extracted: 11/10/2025

Matrix: (soil/water) Water

Date Analyzed: 11/13/2025

Level: (low/med) LOW

Time Analyzed: 15:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170473BS	PB170473BS	BF144245.D	11/13/2025
PB170473BSD	PB170473BSD	BF144246.D	11/13/2025
304641-01 Liquid	Q3574-01	BF144247.D	11/13/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

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

Contract: PACI01
SDG NO.: Q3574
DFTPP Injection Date: 11/05/2025
DFTPP Injection Time: 12:21

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

1-Value is % mass 69

2-Value is % mass 442

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

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



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144242.D
Instrument ID: BNA_F

Contract: PACI01
SDG NO.: Q3574
DFTPP Injection Date: 11/13/2025
DFTPP Injection Time: 14:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	24.9
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	16.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF144243.D	11/13/2025	14:56
PB170473BL	PB170473BL	BF144244.D	11/13/2025	15:25
PB170473BS	PB170473BS	BF144245.D	11/13/2025	15:55
PB170473BSD	PB170473BSD	BF144246.D	11/13/2025	16:24
304641-01 Liquid	Q3574-01	BF144247.D	11/13/2025	16:54
SSTDCCC040EC	SSTDCCC040	BF144251.D	11/13/2025	18:53

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3574

Client ID : SSTDCCC040

Date Analyzed: 11/13/2025

Lab File ID: BF144243.D

Time Analyzed: 14:56

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	57801	6.869	225618	8.15	126474	9.90
UPPER LIMIT	115602	7.369	451236	8.651	252948	10.404
LOWER LIMIT	28900.5	6.369	112809	7.651	63237	9.404
EPA SAMPLE NO.						
01 PB170473BL	58185	6.86	226377	8.15	128860	9.90
02 PB170473BS	61443	6.87	243453	8.15	140132	9.91
03 PB170473BSD	58832	6.86	241570	8.15	135120	9.91
04 304641-01 Liquid	55637	6.86	193837	8.15	96234	9.91

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3574

Client ID: SSTDCCC040

Date Analyzed: 11/13/2025

Lab File ID: BF144243.D

Time Analyzed: 14:56

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	214028	11.398	119800	14.045	154528	15.521
UPPER LIMIT	428056	11.898	239600	14.545	309056	16.021
LOWER LIMIT	107014	10.898	59900	13.545	77264	15.021
EPA SAMPLE NO.						
01 PB170473BL	235212	11.39	125254	14.05	146599	15.52
02 PB170473BS	236951	11.40	118377	14.05	157737	15.53
03 PB170473BSD	232588	11.40	118249	14.05	155276	15.52
04 304641-01 Liquid	265408	11.40	217534	14.05	307917	15.52

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



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client: Pacific Commercial Services Inc.

Project: Kilo Pier

Client Sample ID: 304641-01 Liquid

Lab Sample ID: Q3574-01

Analytical Method: 8270E Level: LOW

Sample Wt/Vol: 810 mL Final Vol: 1000 uL

Prep Method : 3510C Prep Date: 11/10/25

Date Collected: 11/04/25

Date Received: 11/07/25

SDG No.: Q3574

Matrix: Water

% Solid: 0

Test: SVOC-PAH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
91-20-3	Naphthalene	98.8	U	20	12.3	98.8	120	ug/L	11/13/25 16:54	PB170473
208-96-8	Acenaphthylene	98.8	U	20	18.5	98.8	120	ug/L	11/13/25 16:54	PB170473
83-32-9	Acenaphthene	98.8	U	20	13.6	98.8	120	ug/L	11/13/25 16:54	PB170473
86-73-7	Fluorene	98.8	U	20	15.6	98.8	120	ug/L	11/13/25 16:54	PB170473
85-01-8	Phenanthrene	98.8	U	20	12.3	98.8	120	ug/L	11/13/25 16:54	PB170473
120-12-7	Anthracene	98.8	U	20	15.1	98.8	120	ug/L	11/13/25 16:54	PB170473
206-44-0	Fluoranthene	98.8	U	20	20.2	98.8	120	ug/L	11/13/25 16:54	PB170473
129-00-0	Pyrene	98.8	U	20	12.3	98.8	120	ug/L	11/13/25 16:54	PB170473
56-55-3	Benzo(a)anthracene	98.8	U	20	11.1	98.8	120	ug/L	11/13/25 16:54	PB170473
218-01-9	Chrysene	98.8	U	20	10.9	98.8	120	ug/L	11/13/25 16:54	PB170473
205-99-2	Benzo(b)fluoranthene	98.8	U	20	12.1	98.8	120	ug/L	11/13/25 16:54	PB170473
207-08-9	Benzo(k)fluoranthene	98.8	U	20	11.9	98.8	120	ug/L	11/13/25 16:54	PB170473
50-32-8	Benzo(a)pyrene	98.8	U	20	13.6	98.8	120	ug/L	11/13/25 16:54	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	98.8	U	20	14.6	98.8	120	ug/L	11/13/25 16:54	PB170473
53-70-3	Dibenzo(a,h)anthracene	98.8	U	20	16.5	98.8	120	ug/L	11/13/25 16:54	PB170473
191-24-2	Benzo(g,h,i)perylene	98.8	U	20	17.0	98.8	120	ug/L	11/13/25 16:54	PB170473
SURROGATES										
4165-60-0	Nitrobenzene-d5	108			44 - 120		108%	SPK: 100		
321-60-8	2-Fluorobiphenyl	96.9			44 - 119		97%	SPK: 100		
1718-51-0	Terphenyl-d14	36.0	*		50 - 134		36%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	55600								
1146-65-2	Naphthalene-d8	194000								
15067-26-2	Acenaphthene-d10	96200								
1517-22-2	Phenanthrene-d10	265000								
1719-03-5	Chrysene-d12	218000								
1520-96-3	Perylene-d12	308000								

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\BF111325\
 Data File : BF144247.D
 Acq On : 13 Nov 2025 16:54
 Operator : RC/JU
 Sample : Q3574-01 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 304641-01 Liquid

Quant Time: Nov 13 17:17:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

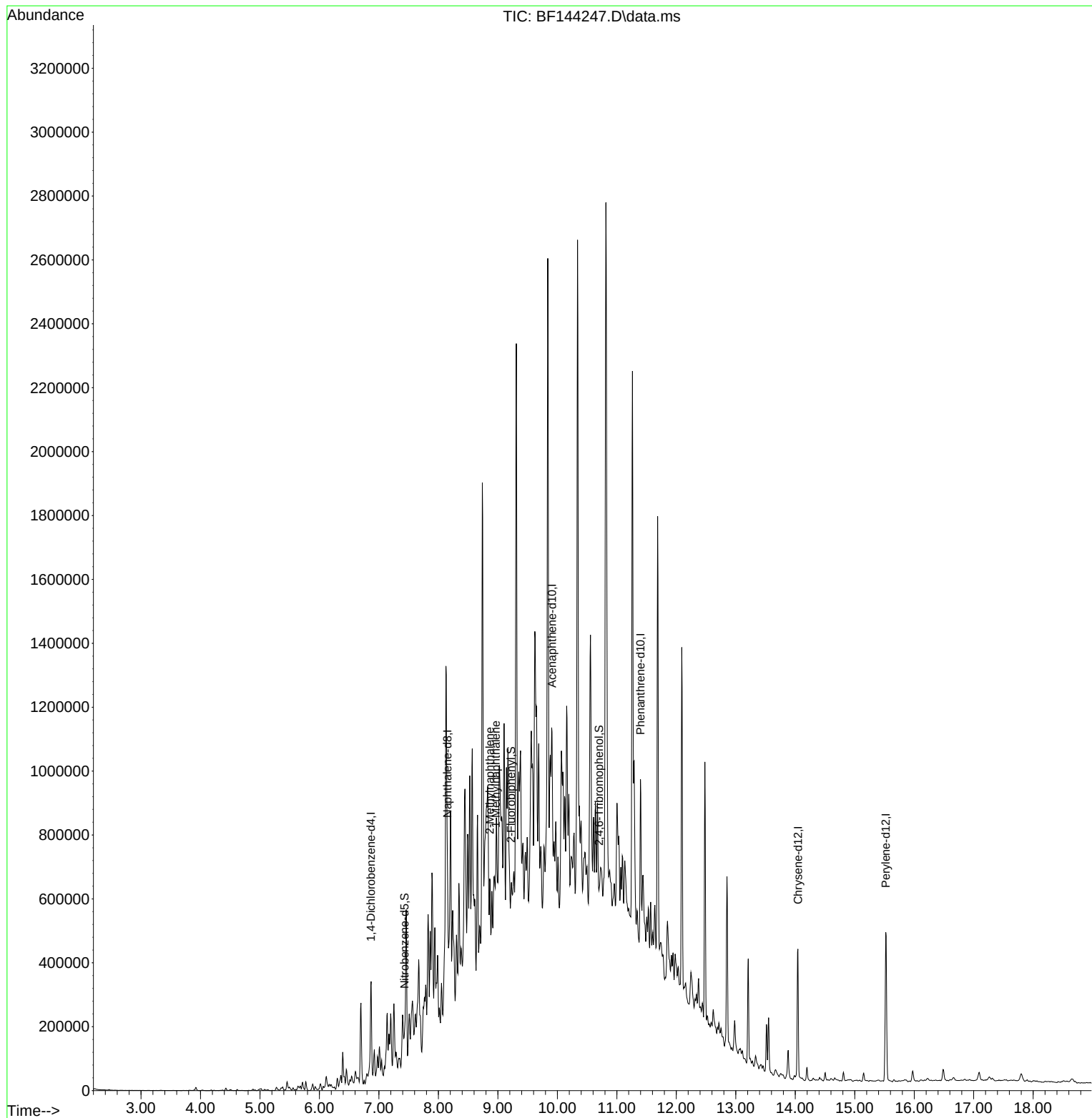
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	55637	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	193837	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	96234	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	265408	20.000	ng	0.00
76) Chrysene-d12	14.045	240	217534	20.000	ng	0.00
86) Perylene-d12	15.521	264	307917	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	6224	1.751	ng	0.00
7) Phenol-d6	6.510	99	6823	1.694	ng	0.01
23) Nitrobenzene-d5	7.428	82	18186	5.419	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	6446	5.338	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	31553	4.843	ng	0.00
79) Terphenyl-d14	12.980	244	24626	1.798	ng	-0.01
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.863	142	24974	4.051	ng	94
38) 1-Methylnaphthalene	8.963	142	15313	2.574	ng	91

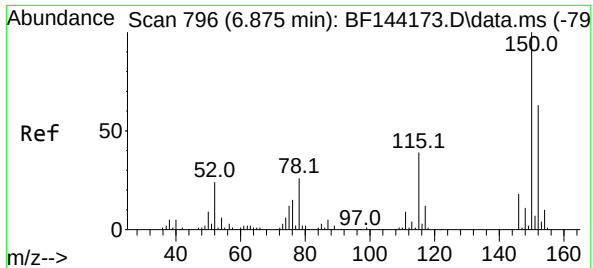
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144247.D
Acq On : 13 Nov 2025 16:54
Operator : RC/JU
Sample : Q3574-01 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
304641-01 Liquid

Quant Time: Nov 13 17:17:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

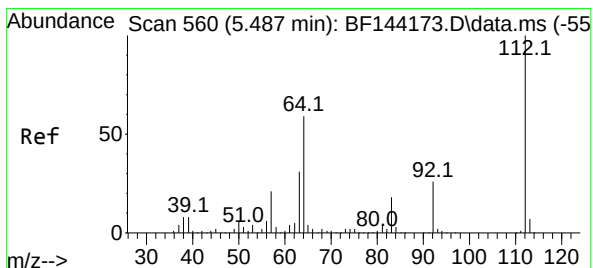
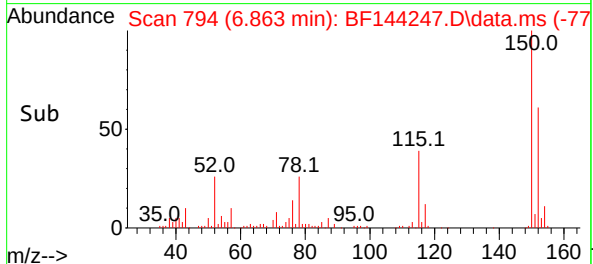
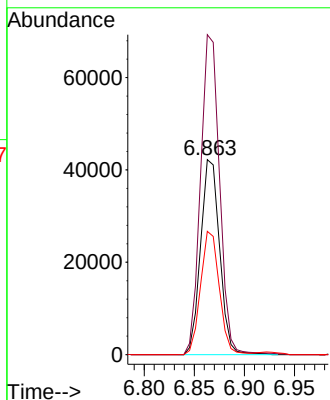
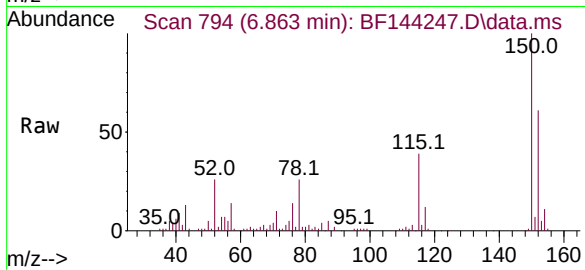




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

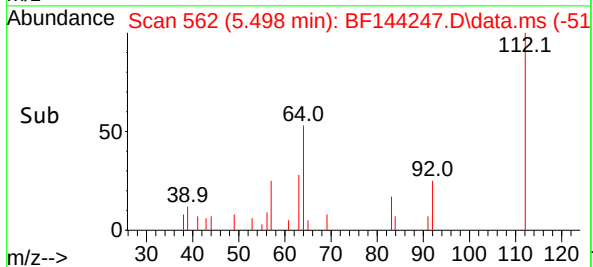
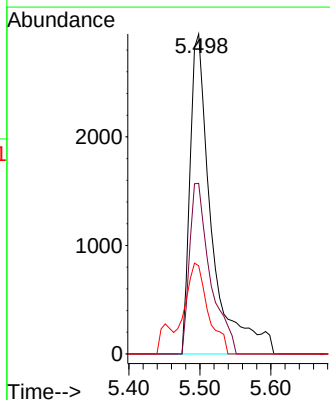
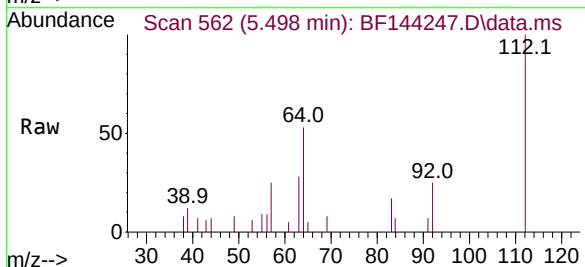
Instrument :
BNA_F
ClientSampleId :
304641-01 Liquid

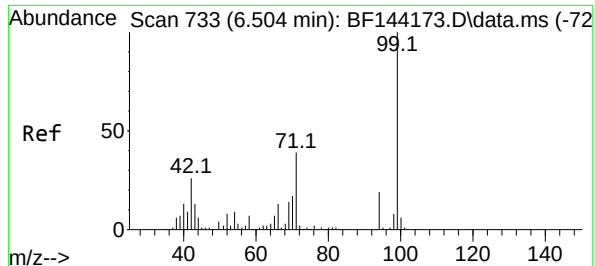
Tgt Ion:152 Resp: 55637
Ion Ratio Lower Upper
152 100
150 164.2 127.4 191.0
115 63.2 49.5 74.3



#5
2-Fluorophenol
Concen: 1.751 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

Tgt Ion:112 Resp: 6224
Ion Ratio Lower Upper
112 100
64 53.3 47.2 70.8
63 27.5 24.4 36.6

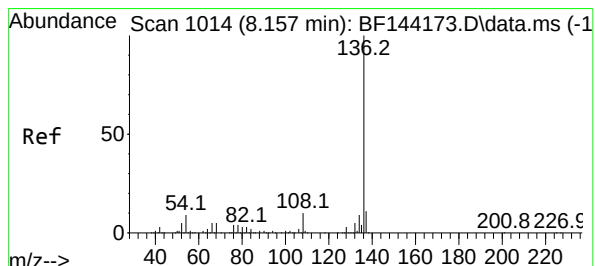
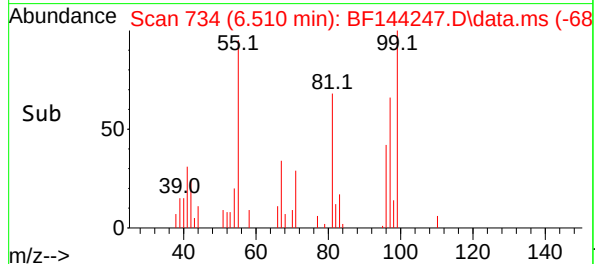
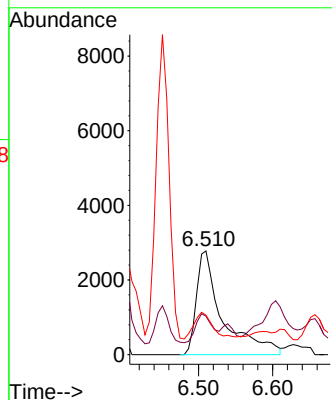
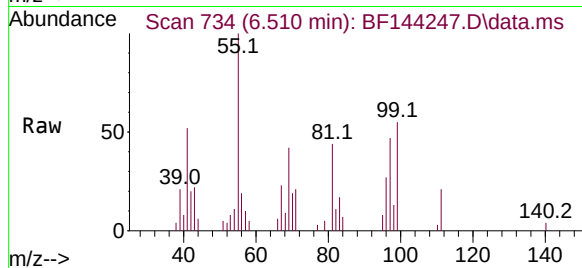




#7
Phenol-d6
Concen: 1.694 ng
RT: 6.510 min Scan# 733
Delta R.T. 0.012 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

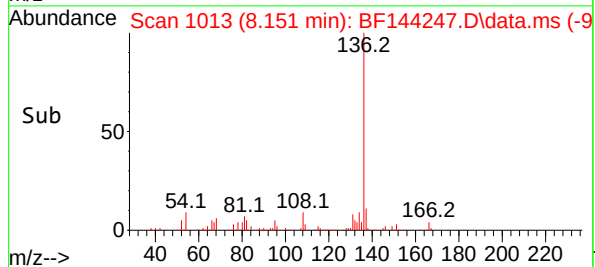
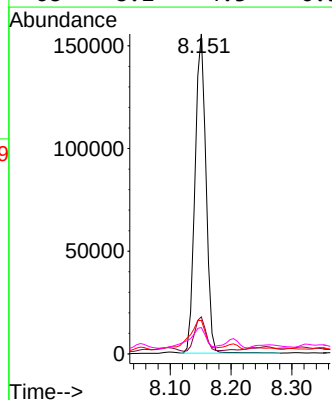
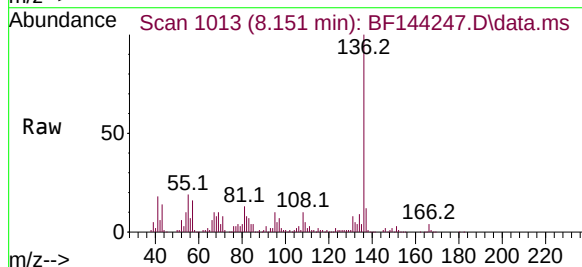
Instrument :
BNA_F
ClientSampleId :
304641-01 Liquid

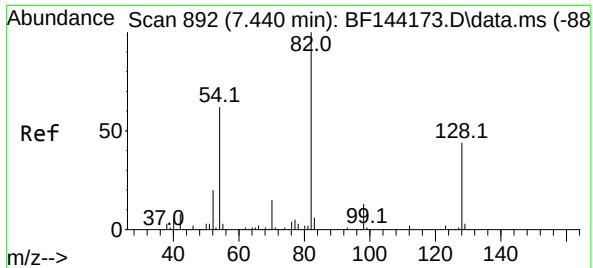
Tgt Ion: 99 Resp: 6823
Ion Ratio Lower Upper
99 100
42 37.1 20.9 31.3#
71 38.1 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

Tgt Ion: 136 Resp: 193837
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 10.5 7.0 10.6
68 8.2 4.3 6.5#





#23

Nitrobenzene-d5

Concen: 5.419 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144247.D

Acq: 13 Nov 2025 16:54

Instrument :

BNA_F

ClientSampleId :

304641-01 Liquid

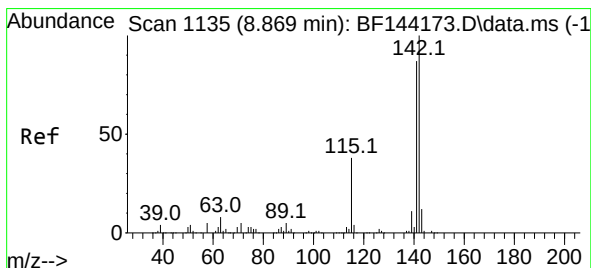
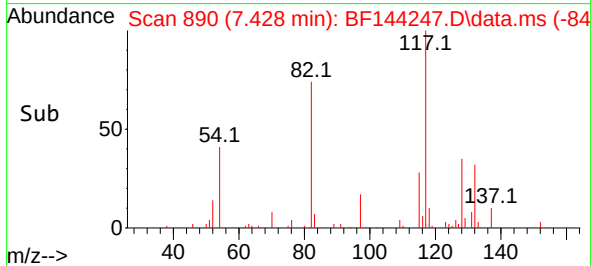
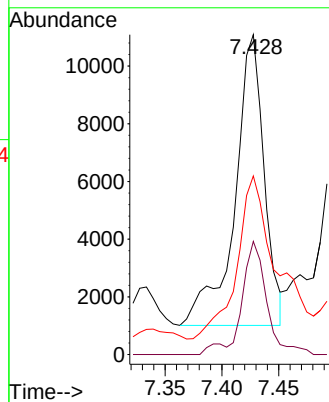
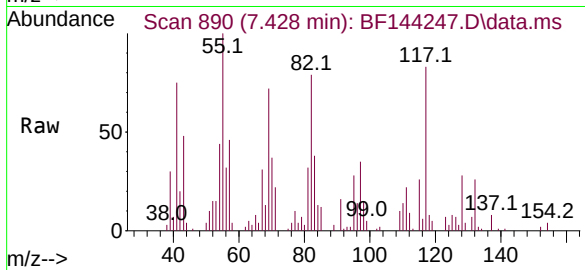
Tgt Ion: 82 Resp: 18186

Ion Ratio Lower Upper

82 100

128 35.4 34.7 52.1

54 55.8 49.5 74.3



#37

2-Methylnaphthalene

Concen: 4.051 ng

RT: 8.863 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF144247.D

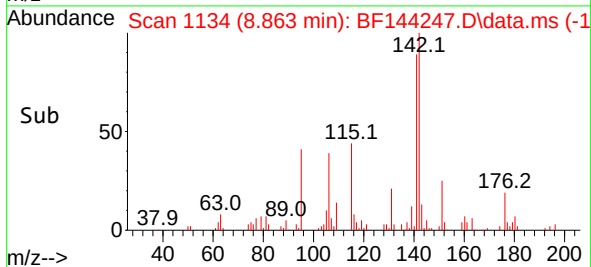
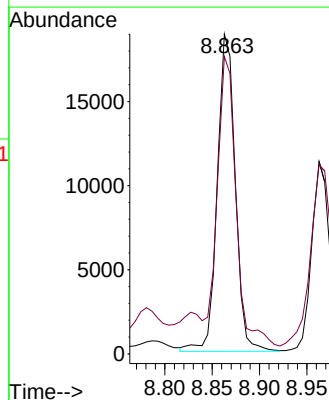
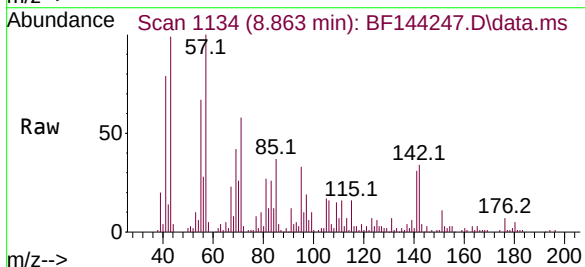
Acq: 13 Nov 2025 16:54

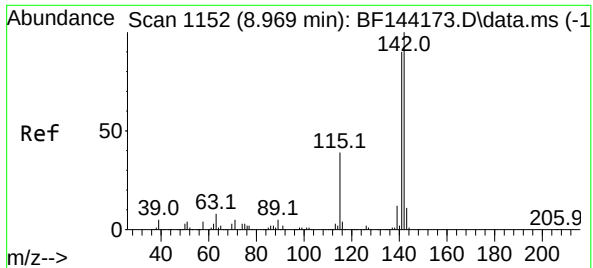
Tgt Ion: 142 Resp: 24974

Ion Ratio Lower Upper

142 100

141 92.9 69.9 104.9





#38

1-Methylnaphthalene

Concen: 2.574 ng

RT: 8.963 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF144247.D

Acq: 13 Nov 2025 16:54

Instrument :

BNA_F

ClientSampleId :

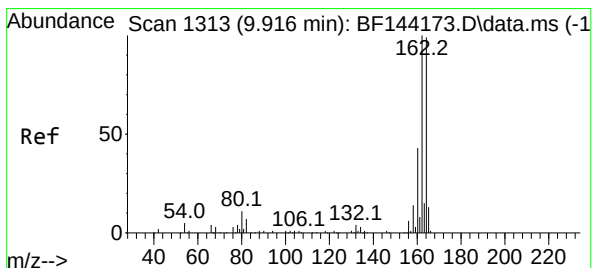
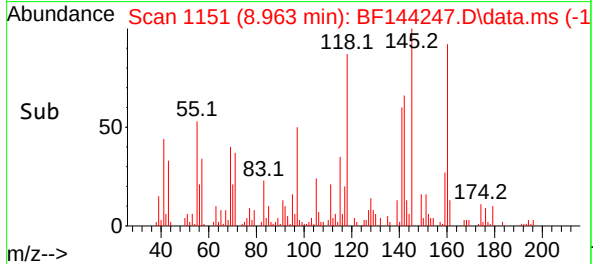
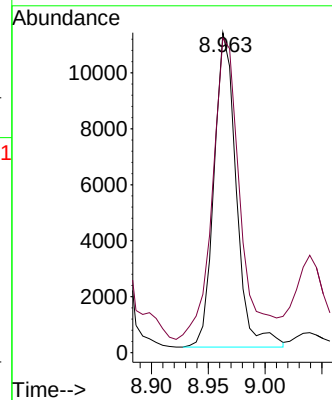
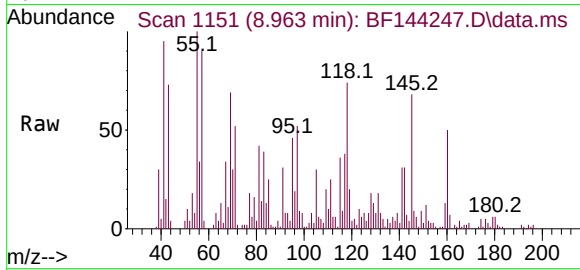
304641-01 Liquid

Tgt Ion:142 Resp: 15313

Ion Ratio Lower Upper

142 100

141 98.2 72.1 108.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF144247.D

Acq: 13 Nov 2025 16:54

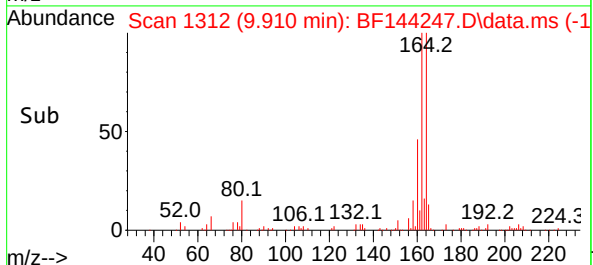
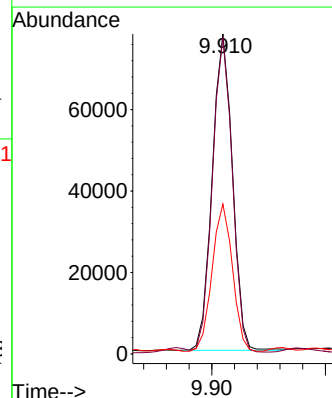
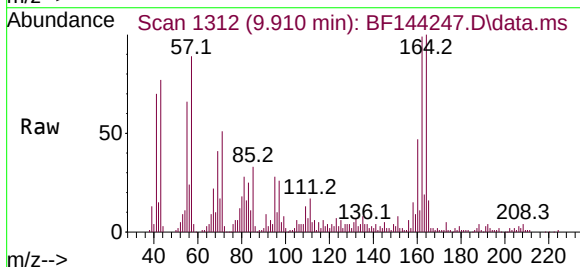
Tgt Ion:164 Resp: 96234

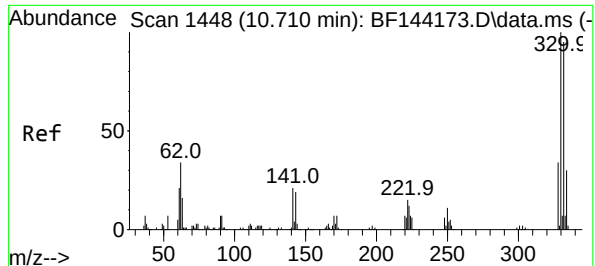
Ion Ratio Lower Upper

164 100

162 98.8 81.1 121.7

160 46.8 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 5.338 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144247.D

Acq: 13 Nov 2025 16:54

Instrument :

BNA_F

ClientSampleId :

304641-01 Liquid

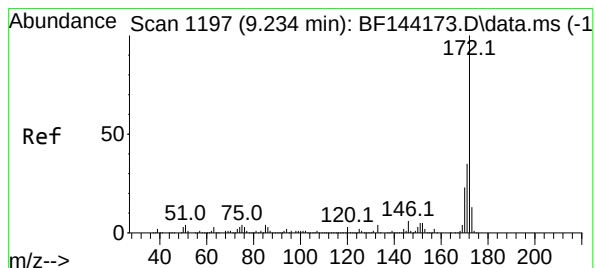
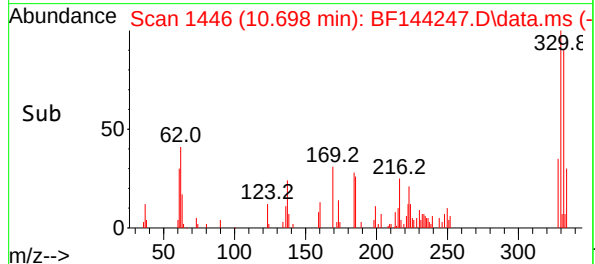
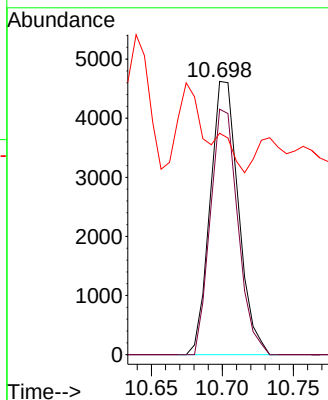
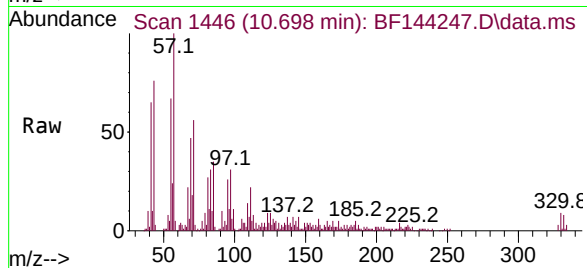
Tgt Ion:330 Resp: 6446

Ion Ratio Lower Upper

330 100

332 86.8 76.7 115.1

141 0.0 17.8 26.8#



#45

2-Fluorobiphenyl

Concen: 4.843 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144247.D

Acq: 13 Nov 2025 16:54

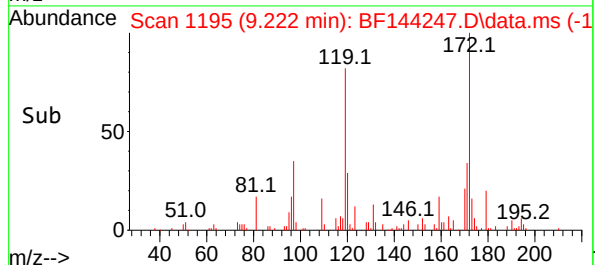
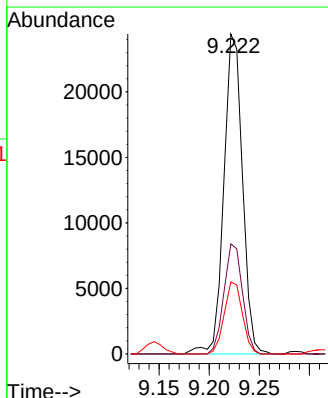
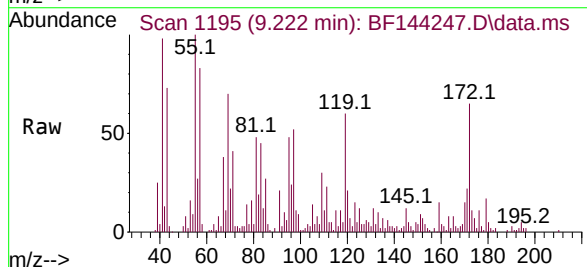
Tgt Ion:172 Resp: 31553

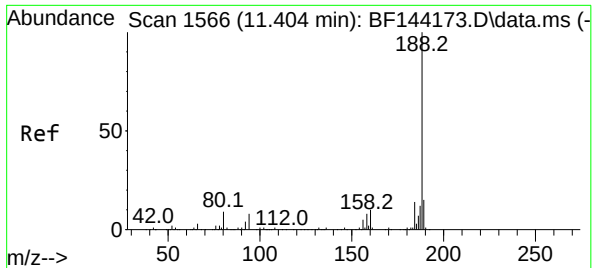
Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 22.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144247.D

Acq: 13 Nov 2025 16:54

Instrument :

BNA_F

ClientSampleId :

304641-01 Liquid

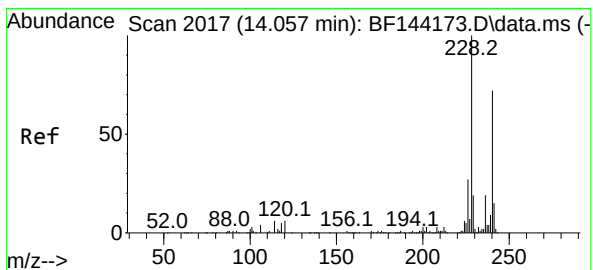
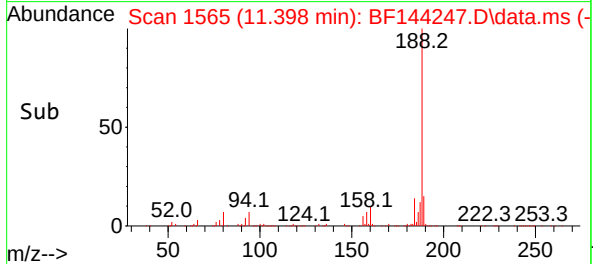
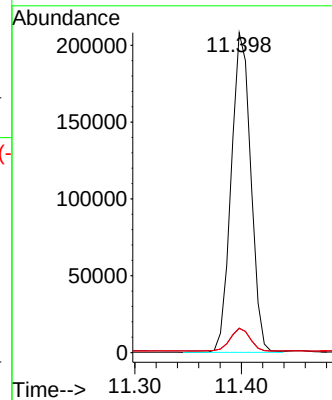
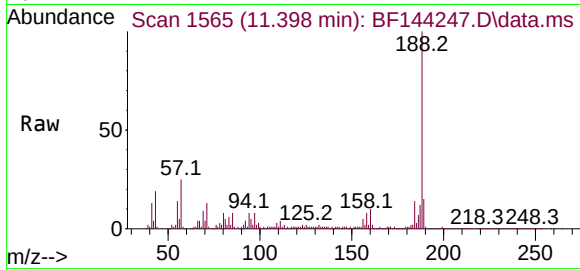
Tgt Ion:188 Resp: 265408

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.2

80 7.5 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144247.D

Acq: 13 Nov 2025 16:54

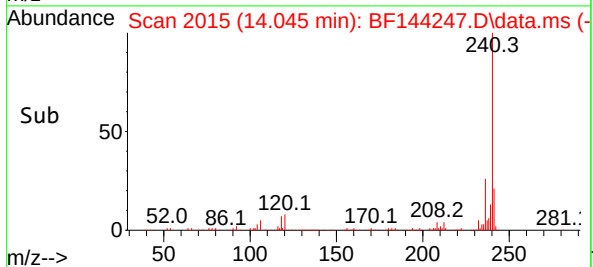
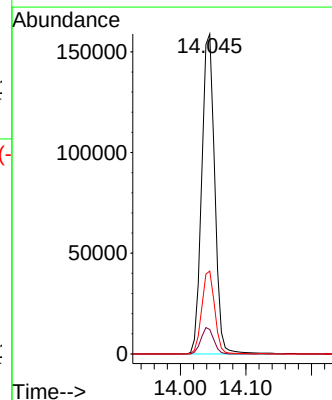
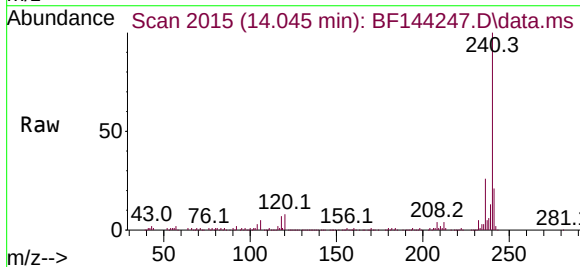
Tgt Ion:240 Resp: 217534

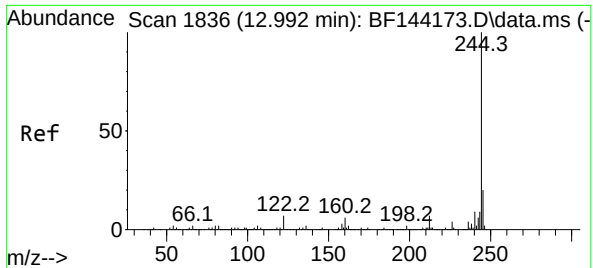
Ion Ratio Lower Upper

240 100

120 7.6 6.6 10.0

236 25.9 21.4 32.2

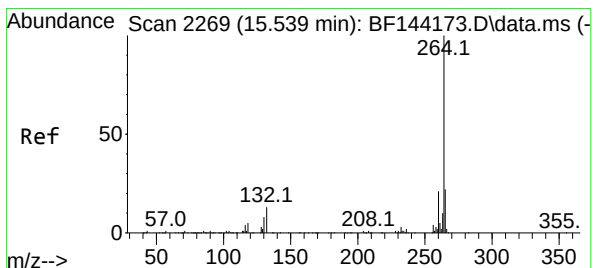
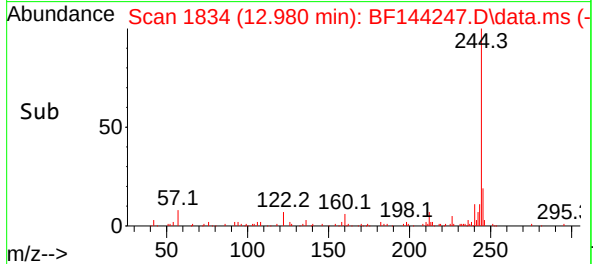
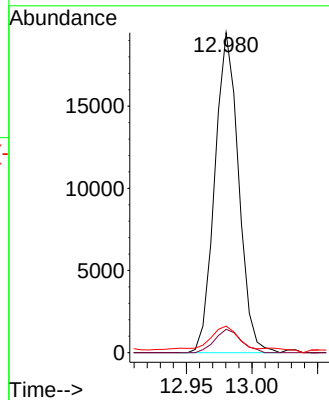
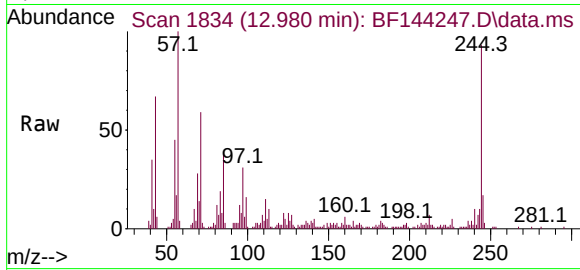




#79
Terphenyl-d14
Concen: 1.798 ng
RT: 12.980 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

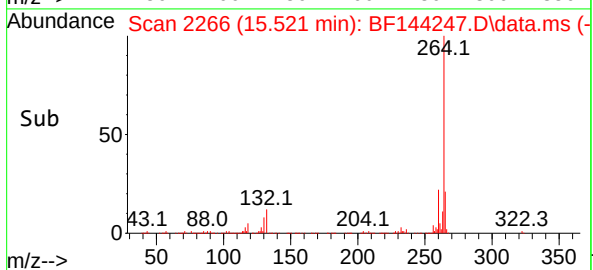
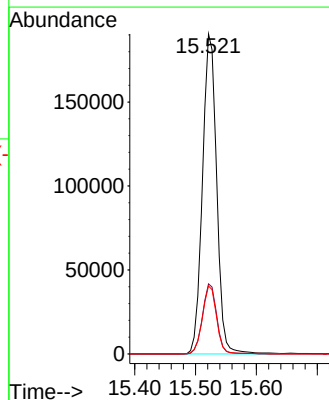
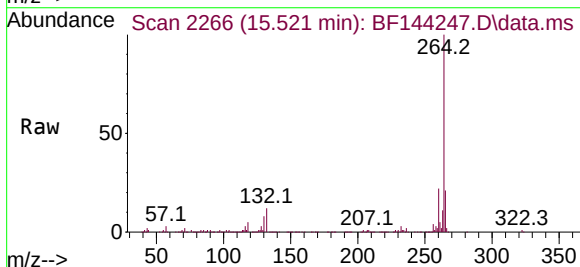
Instrument :
BNA_F
ClientSampleId :
304641-01 Liquid

Tgt Ion:244	Resp:	24626
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.3 7.9
122	8.3	5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

Tgt Ion:264	Resp:	307917
Ion Ratio	Lower	Upper
264	100	
260	21.9	17.1 25.7
265	21.2	17.4 26.0





CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: PACI01Lab Code: ACESDG No.: Q3574Instrument ID: BNA_FCalibration Date(s): 11/05/2025 11/05/2025Calibration Time(s): 12:50 16:49

LAB FILE ID:		RRF2.5 = BF144169.D		RRF005 = BF144170.D		RRF010 = BF144171.D		
		RRF020 = BF144172.D		RRF040 = BF144173.D		RRF050 = BF144174.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.278	5.6
Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.448	7.1
Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.346	4.1
Naphthalene		1.019	1.008	0.982	0.969	0.850	0.951	6.7
2-Fluorobiphenyl		1.598	1.428	1.361	1.350	1.177	1.354	10.7
Acenaphthylene		1.727	1.686	1.677	1.645	1.440	1.623	6.6
Acenaphthene		1.138	1.162	1.120	1.096	0.956	1.085	6.9
Fluorene		1.295	1.223	1.197	1.180	0.997	1.156	8.9
2,4,6-Tribromophenol		0.242	0.257	0.257	0.265	0.227	0.251	5.3
Phenanthrene		1.103	1.042	0.986	1.009	0.892	0.996	6.9
Anthracene		1.120	1.059	1.027	1.022	0.897	1.013	7.4
Fluoranthene		1.117	1.066	1.053	1.054	0.910	1.029	6.8
Pyrene		1.763	1.745	1.631	1.704	1.372	1.613	8.8
Terphenyl-d14		1.403	1.415	1.274	1.317	1.042	1.259	10.7
Benzo (a) anthracene		1.455	1.340	1.330	1.430	1.290	1.386	5.4
Chrysene		1.276	1.245	1.279	1.403	1.164	1.280	5.7
Benzo (b) fluoranthene		1.199	1.133	1.114	1.233	1.002	1.137	6.4
Benzo (k) fluoranthene		1.077	1.094	1.083	1.041	0.999	1.064	4.4
Benzo (a) pyrene		1.064	1.050	1.058	1.077	0.963	1.049	4.2
Indeno (1,2,3-cd) pyrene		1.450	1.411	1.447	1.485	1.311	1.436	4.6
Dibenzo (a,h) anthracene		1.155	1.155	1.175	1.198	1.040	1.153	4.8
Benzo (g,h,i) perylene		1.095	1.125	1.153	1.191	1.028	1.139	5.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

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

Calibration Files

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

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

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

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

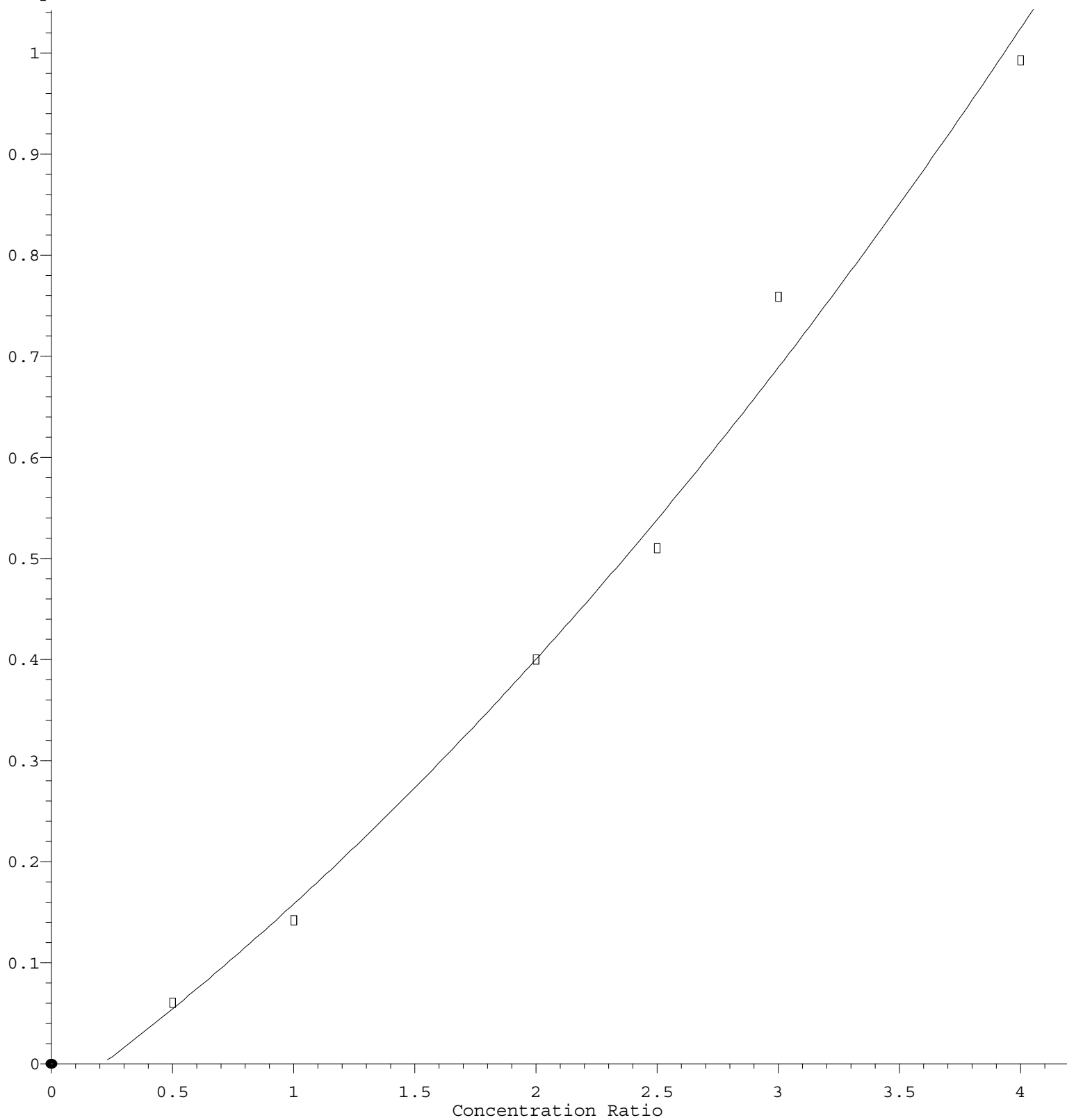
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

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

(#) = Out of Range

Hexachlorocyclopentadiene

Response Ratio



$$R = 2.331e-002 A^2 + 1.722e-001 A - 3.751e-002$$

Coef of Det (r^2) = 0.992660 Curve Fit: Quadratic w(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M

Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

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

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

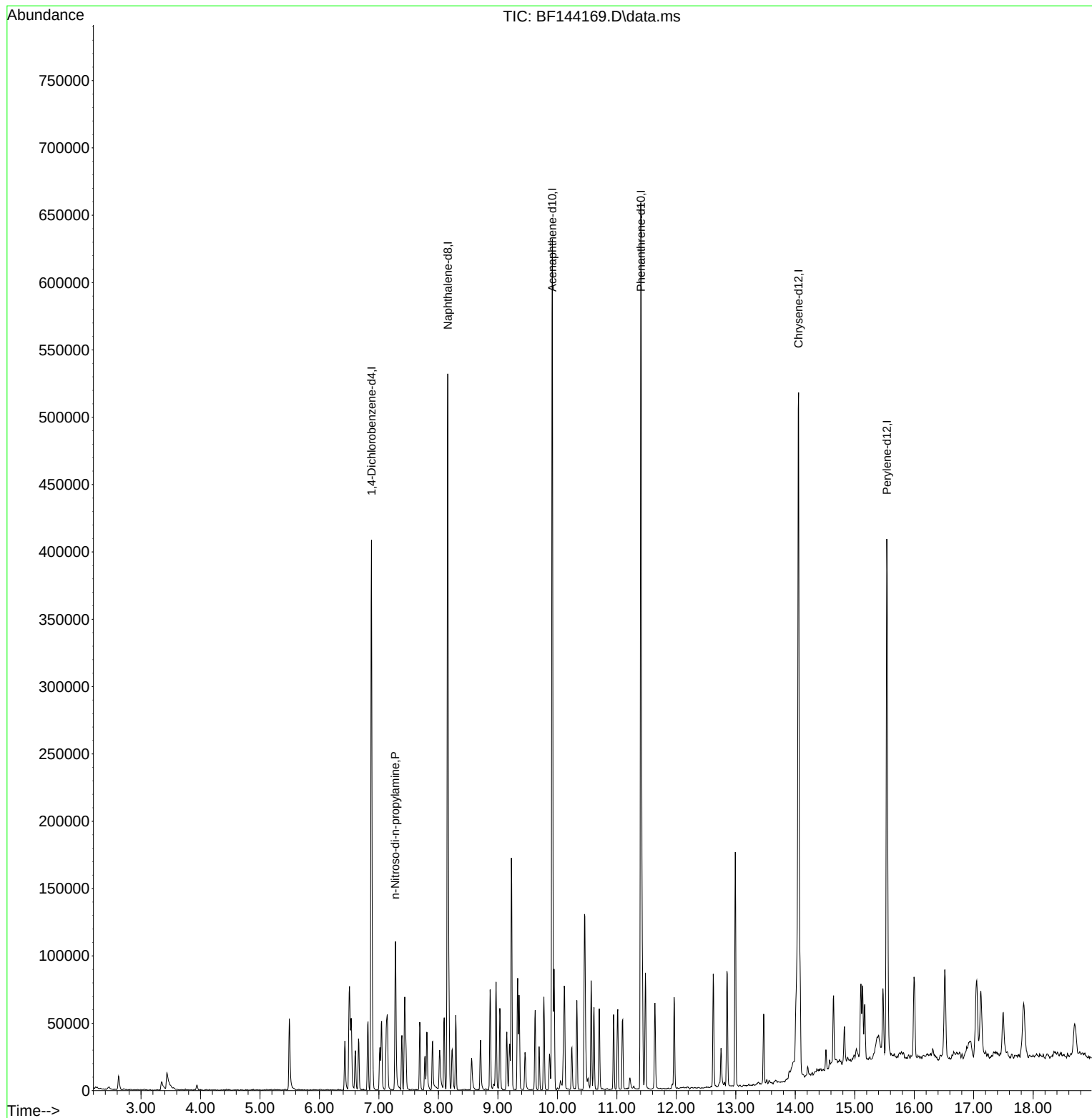
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85230	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	335743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	195513	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	365872	20.000	ng	0.00
76) Chrysene-d12	14.057	240	241412	20.000	ng	0.00
86) Perylene-d12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

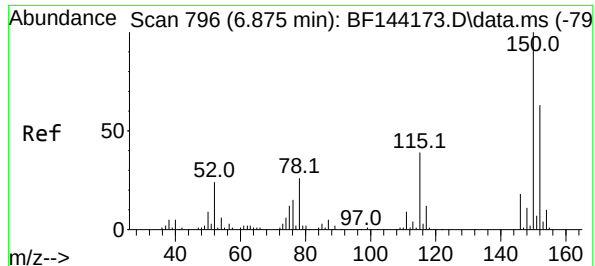
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

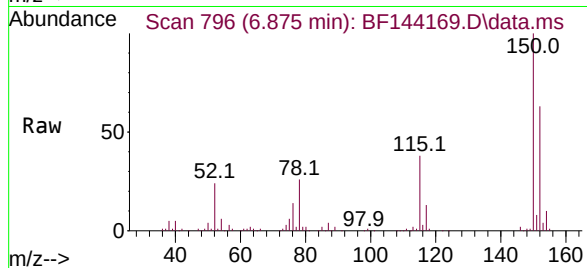
Quant Time: Nov 05 17:42:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



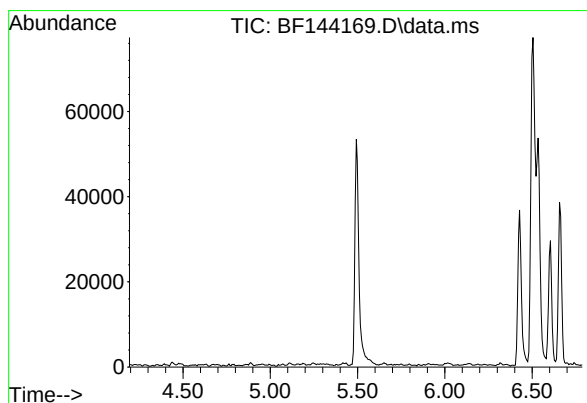
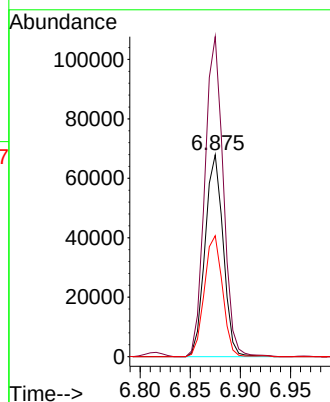
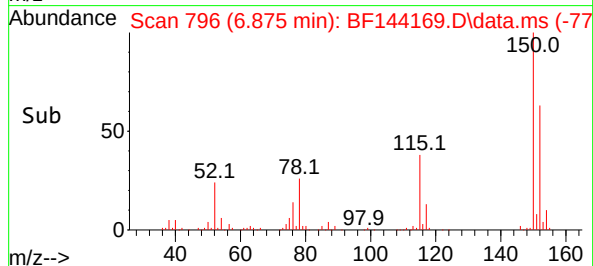


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



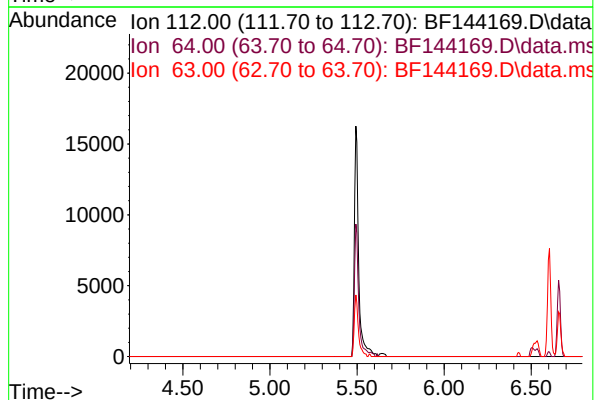
Tgt Ion:152 Resp: 85230
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 59.9 49.5 74.3

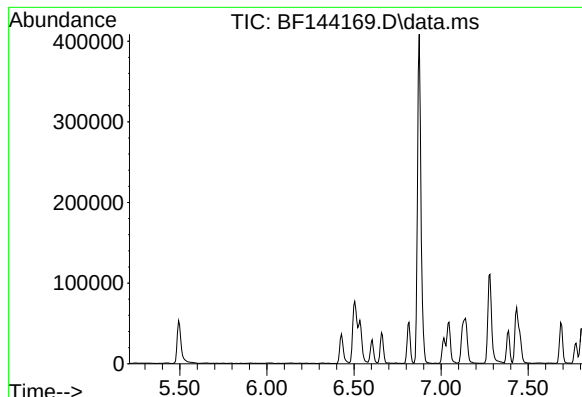


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

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

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

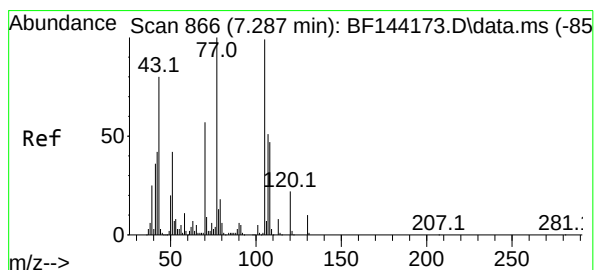
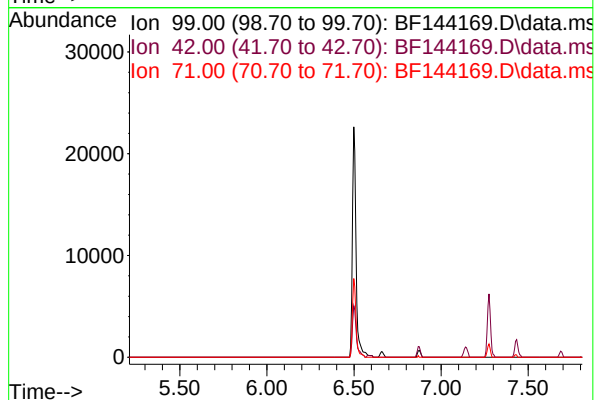




#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.51 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

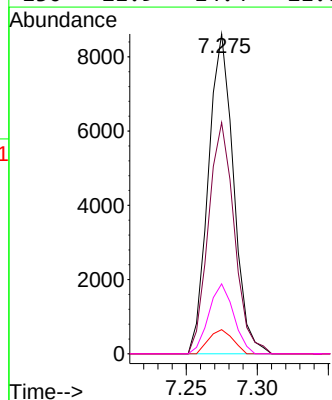
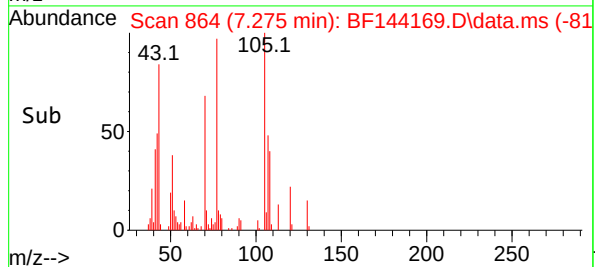
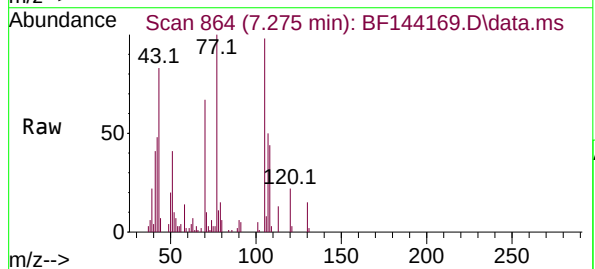
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

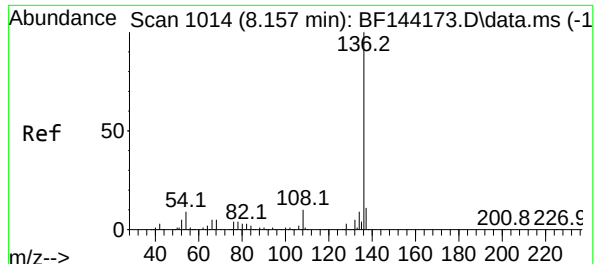
Tgt Ion: 99
Sig Exp Ratio
99 100
42 26.1
71 39.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.616 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 70 Resp: 10629
Ion Ratio Lower Upper
70 100
42 72.3 58.3 87.5
101 7.6 7.0 10.6
130 21.9 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144169.D

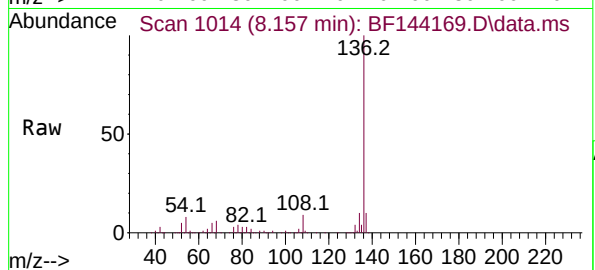
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 335743

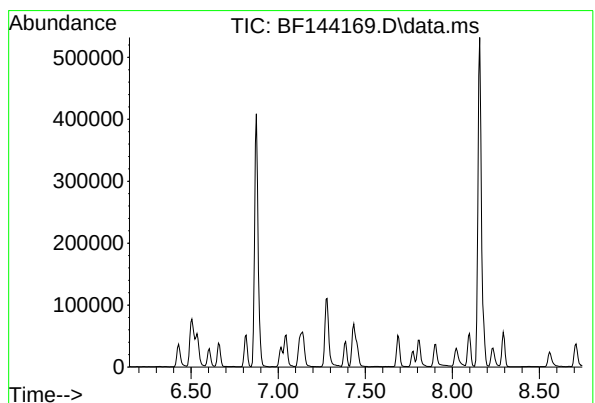
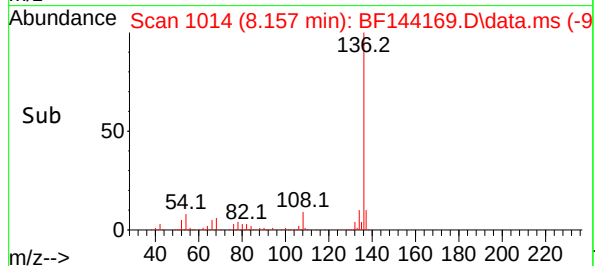
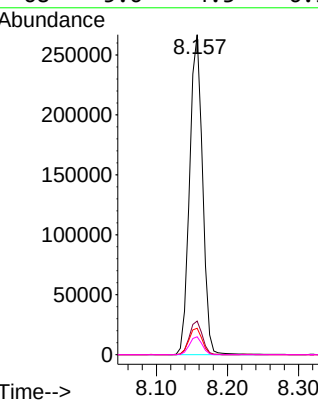
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.2 7.0 10.6

68 5.6 4.3 6.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

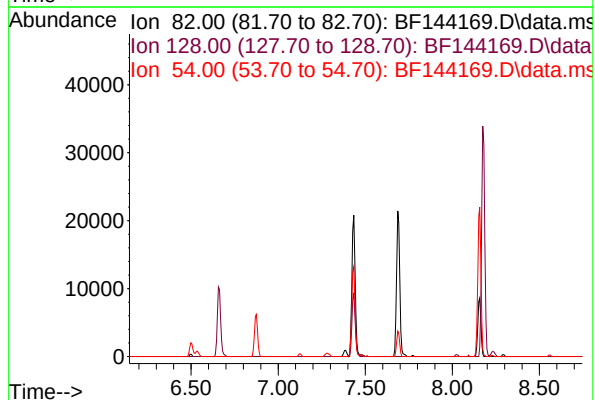
Tgt Ion: 82

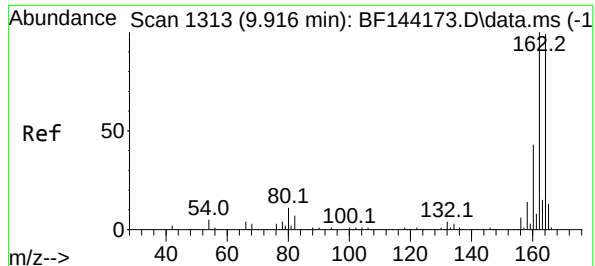
Sig Exp Ratio

82 100

128 43.4

54 61.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144169.D

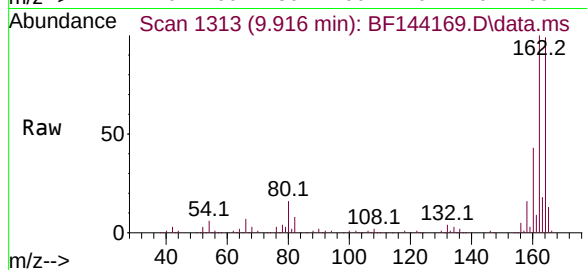
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



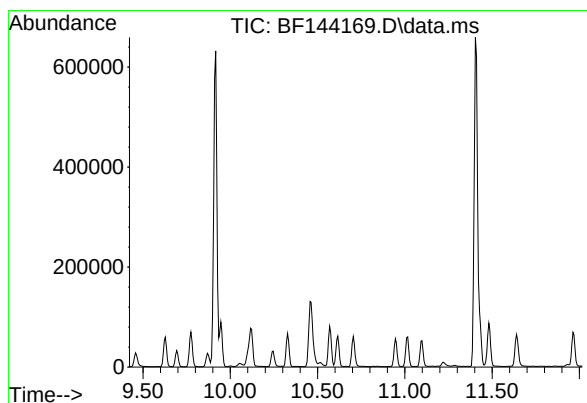
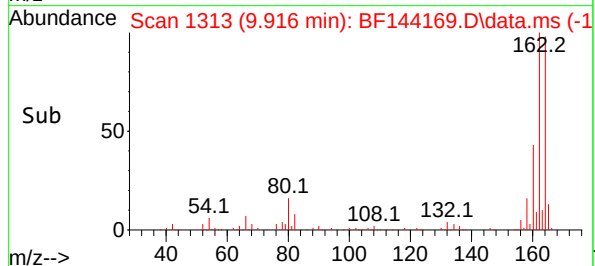
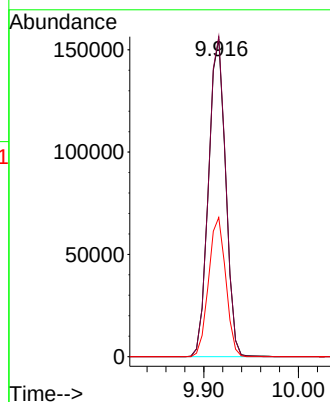
Tgt Ion:164 Resp: 195513

Ion Ratio Lower Upper

164 100

162 100.8 81.1 121.7

160 43.9 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

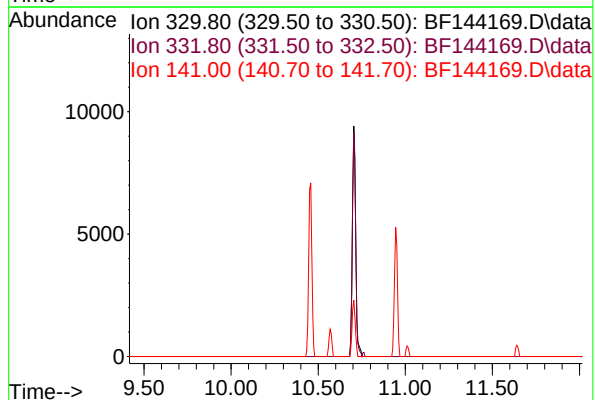
Tgt Ion: 330

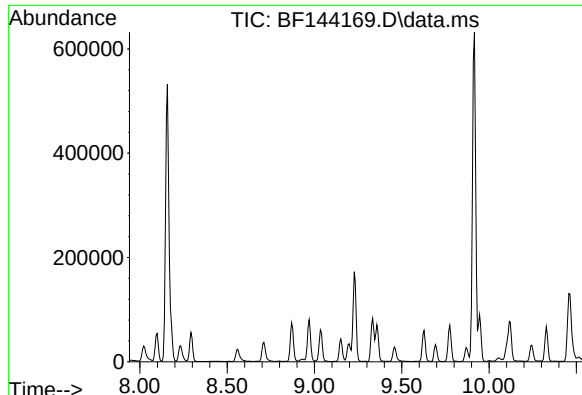
Sig Exp Ratio

330 100

332 95.9

141 22.3





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.24 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

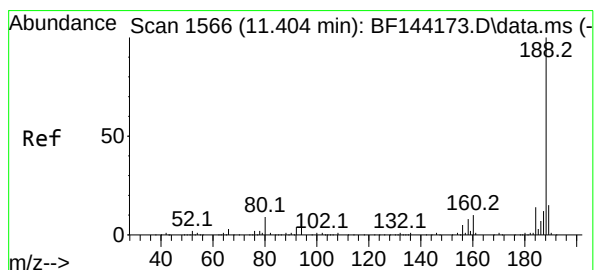
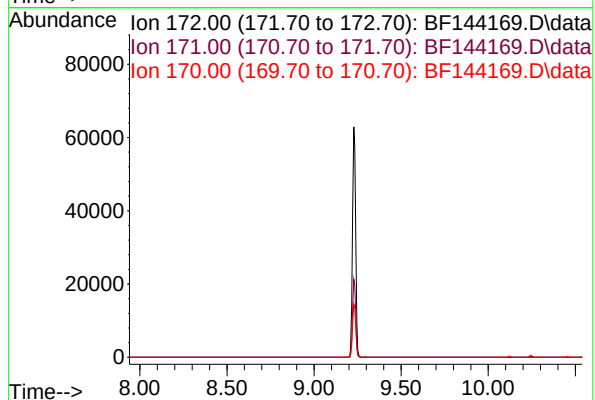
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.1

170 23.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

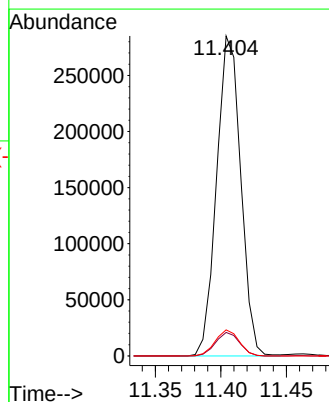
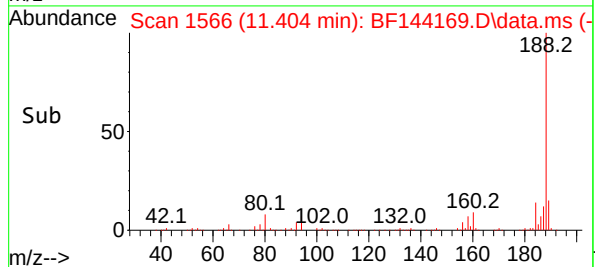
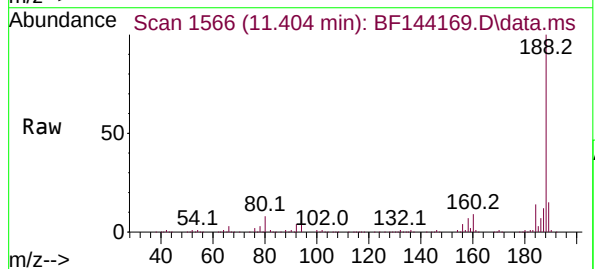
Tgt Ion:188 Resp: 365872

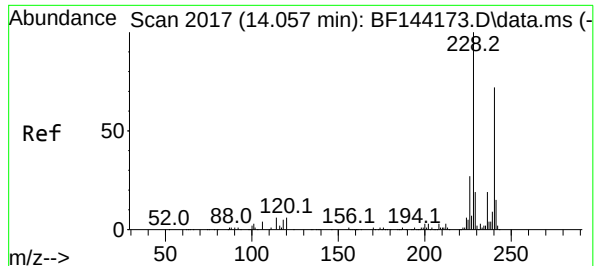
Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.2

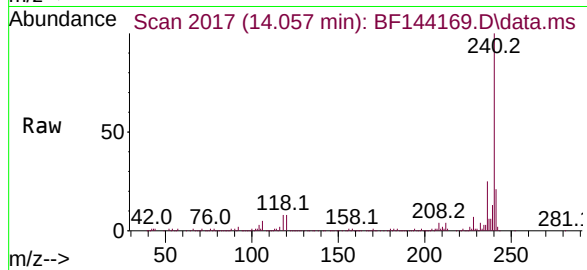
80 8.2 6.9 10.3



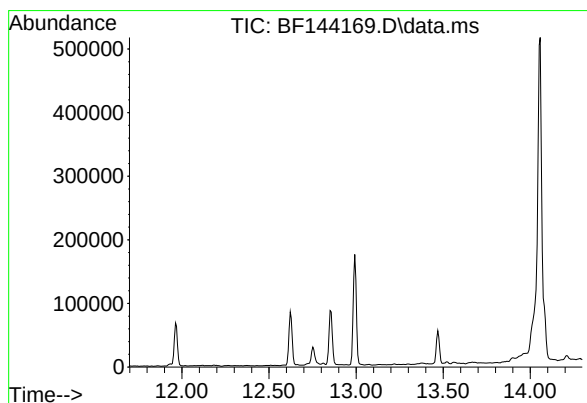
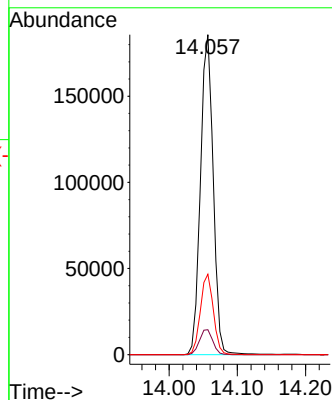
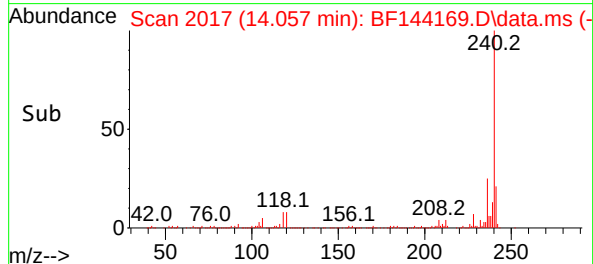


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



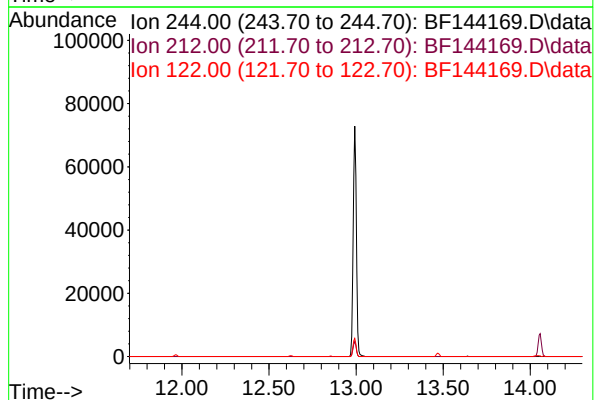
Tgt Ion:240 Resp: 241412
Ion Ratio Lower Upper
240 100
120 7.8 6.6 10.0
236 25.1 21.4 32.2

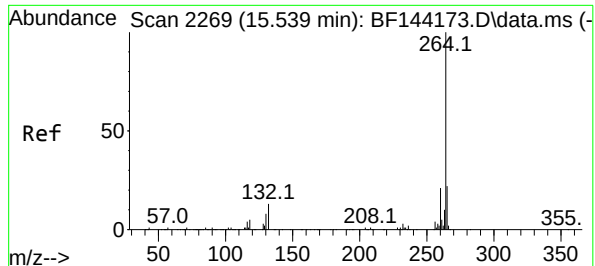


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

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

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





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144169.D

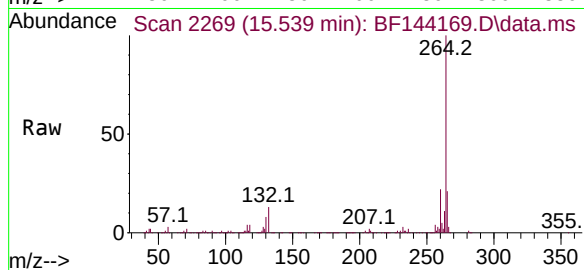
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



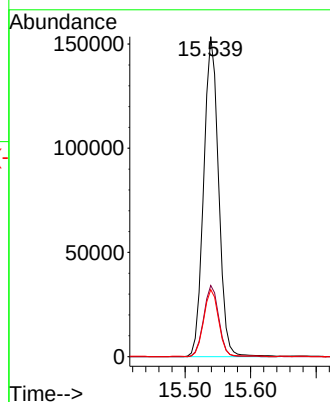
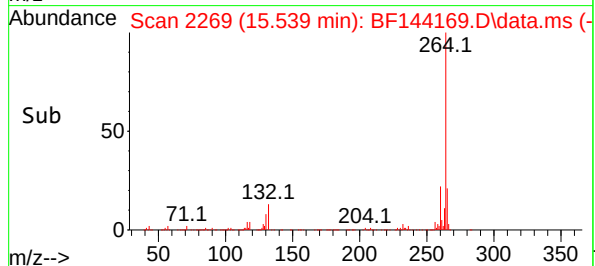
Tgt Ion:264 Resp: 241479

Ion Ratio Lower Upper

264 100

260 22.2 17.1 25.7

265 20.9 17.4 26.0



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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

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

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

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

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

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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

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

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

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

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

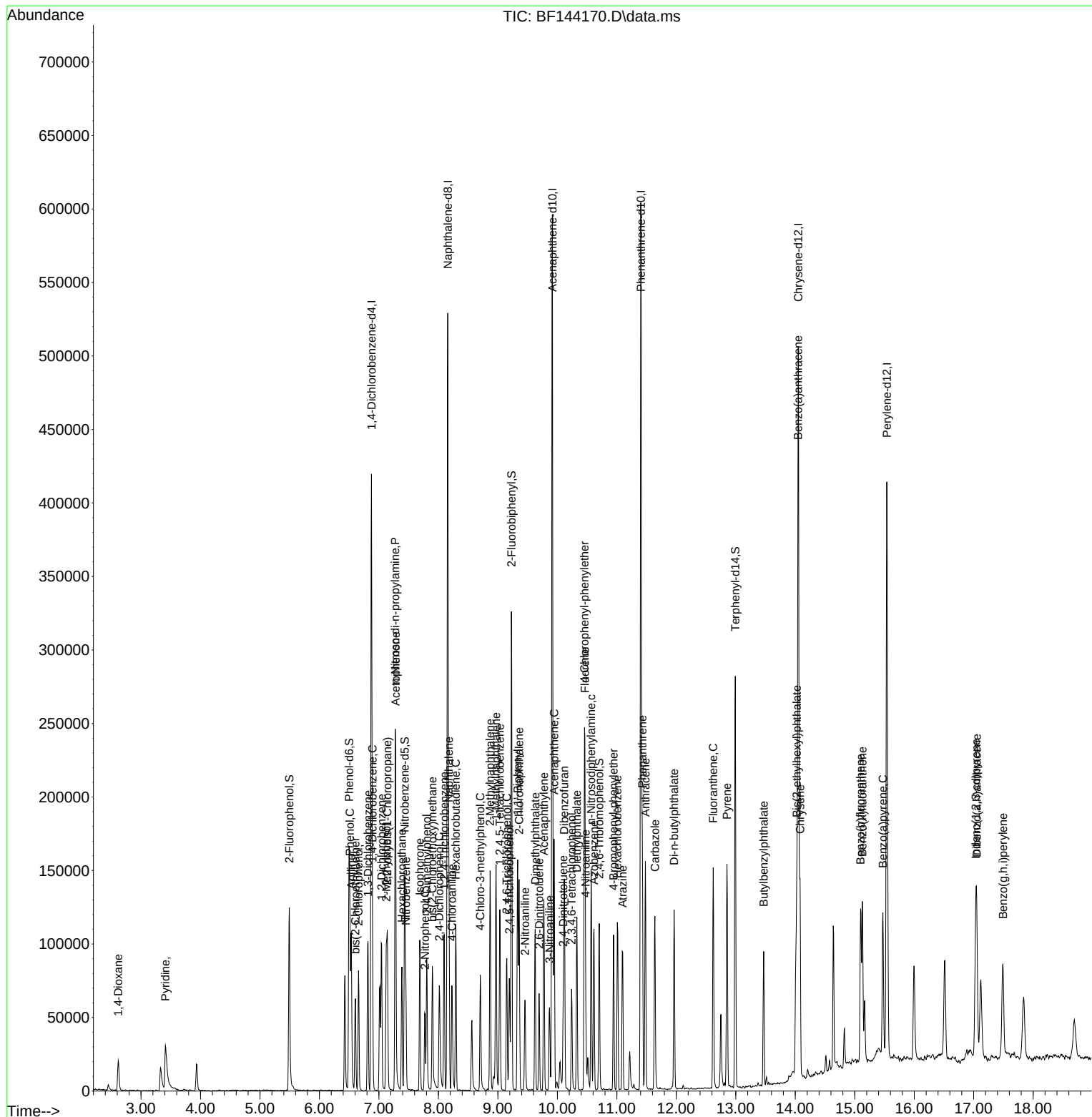
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 Data File : BF144170.D
 Acq On : 05 Nov 2025 13:20
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

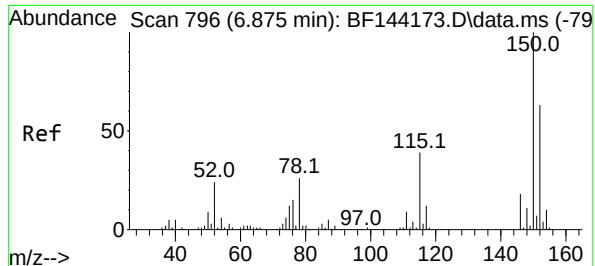
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

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

Manual Integrations APPROVED

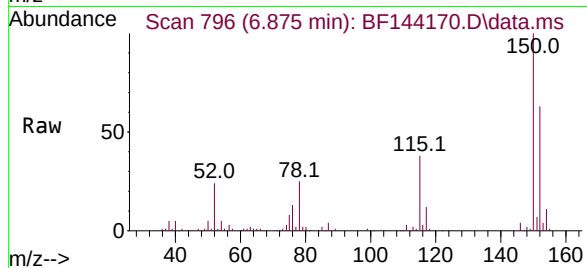
Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025





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

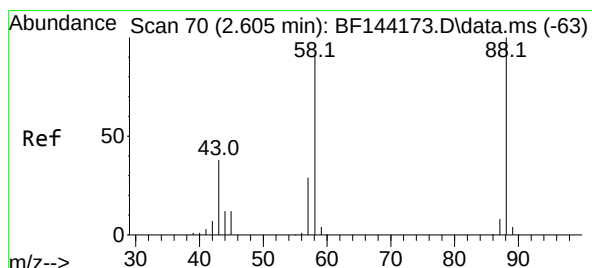
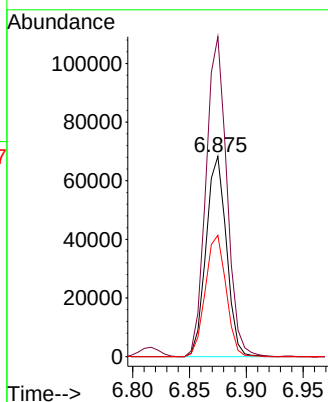
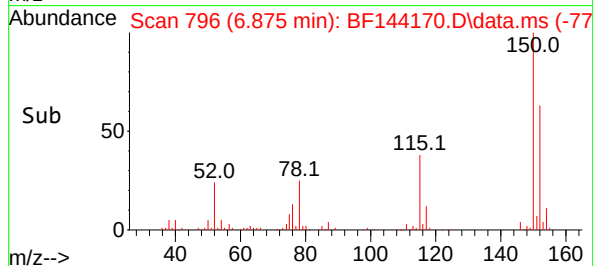
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

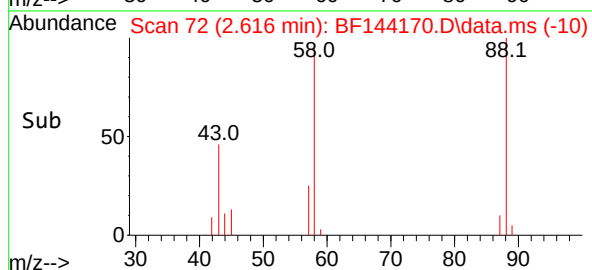
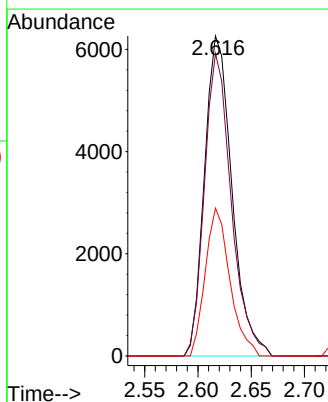
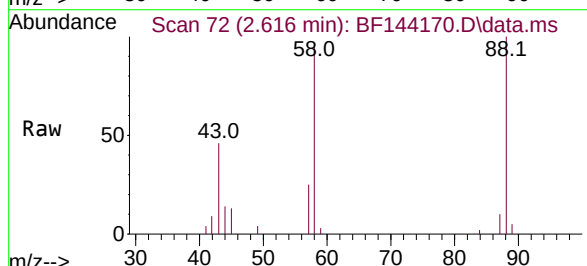
Manual Integrations
APPROVED

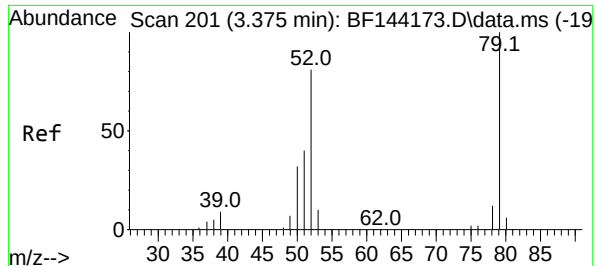
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

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





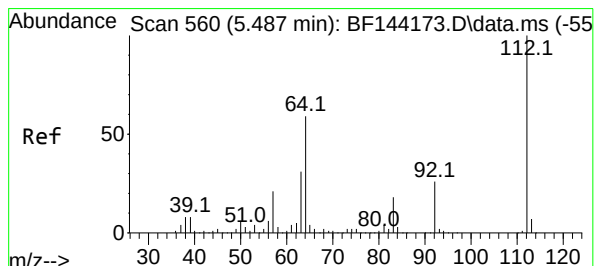
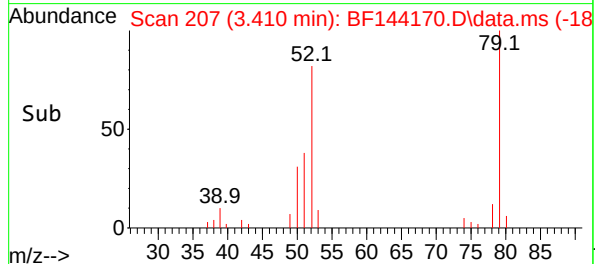
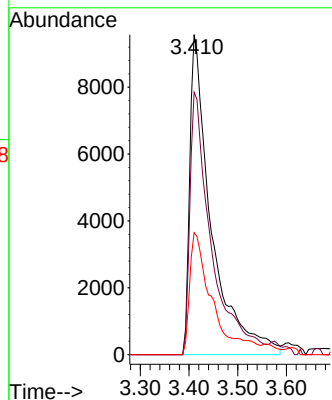
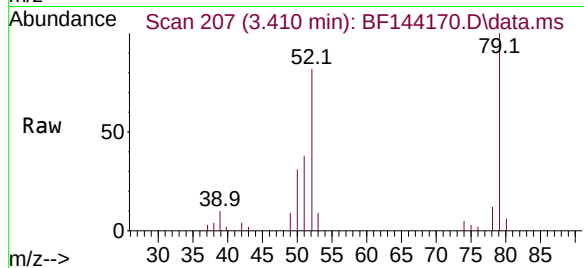
#3
Pyridine
Concen: 4.659 ng
RT: 3.410 min Scan# 201
Delta R.T. 0.035 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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

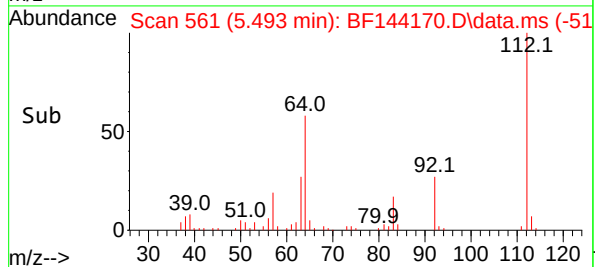
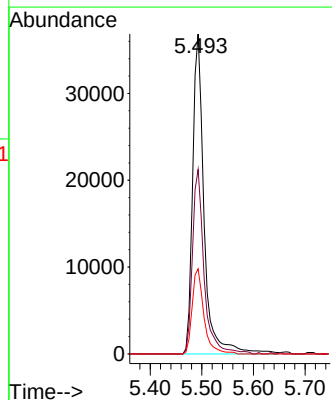
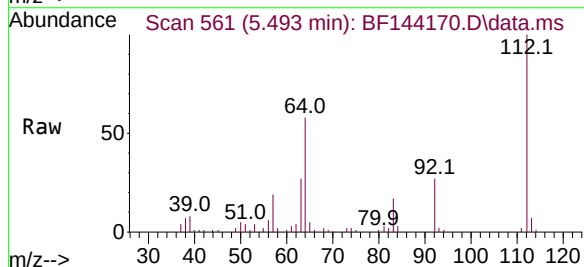
Manual Integrations
APPROVED

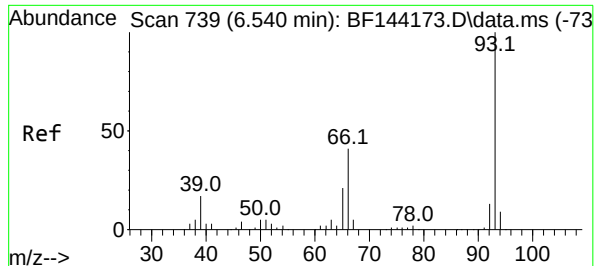
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

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





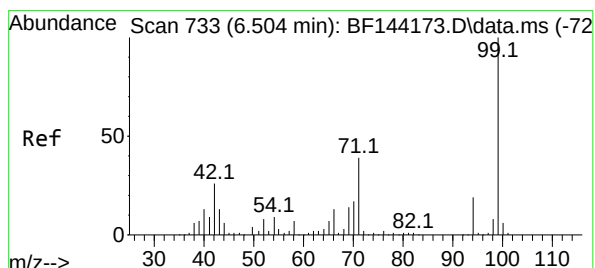
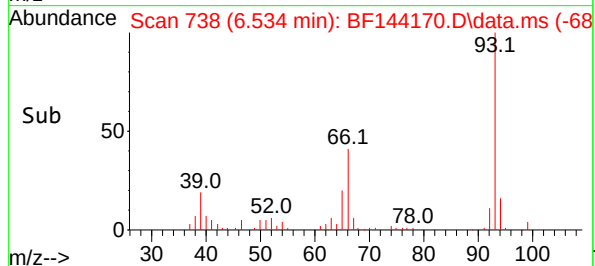
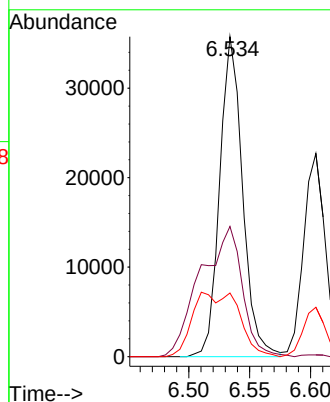
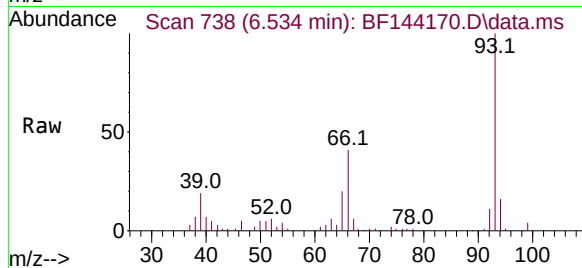
#6
Aniline
Concen: 5.317 ng
RT: 6.534 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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

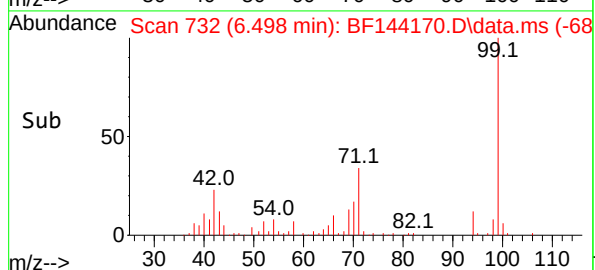
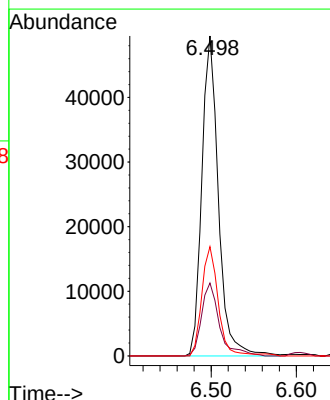
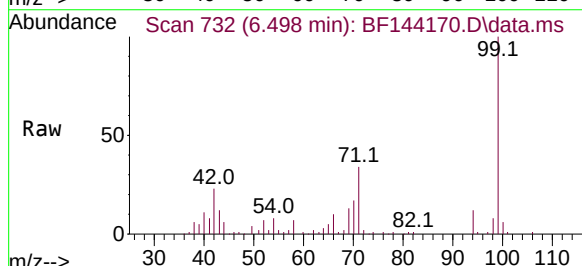
Manual Integrations
APPROVED

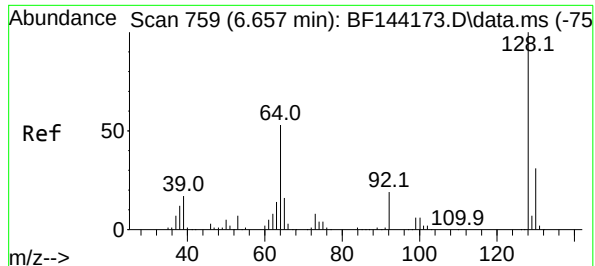
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

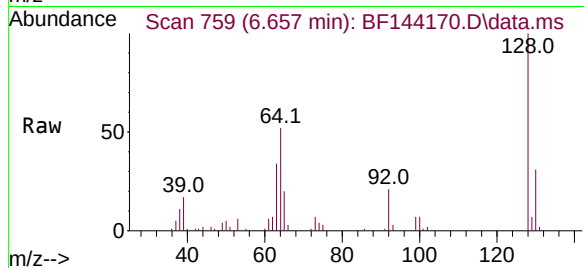
Tgt Ion: 99 Resp: 66870
Ion Ratio Lower Upper
99 100
42 22.8 20.9 31.3
71 34.1 31.4 47.2





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

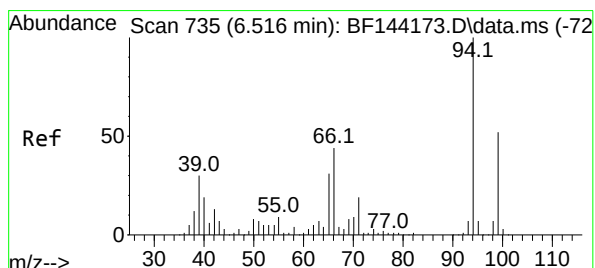
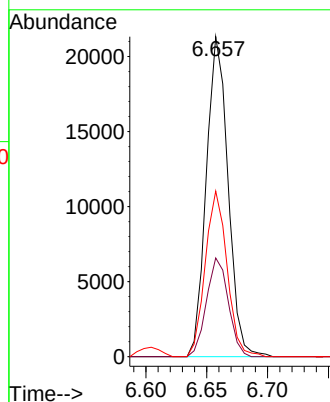
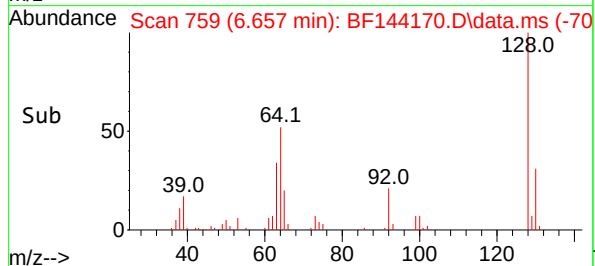
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

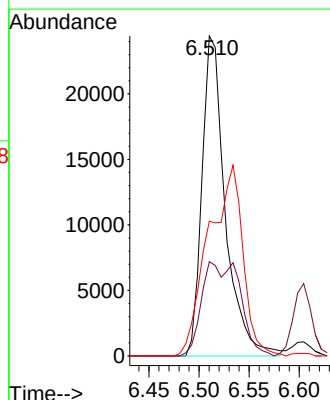
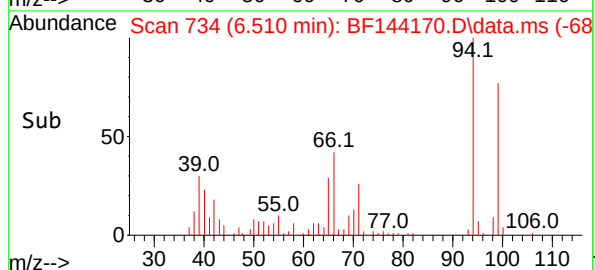
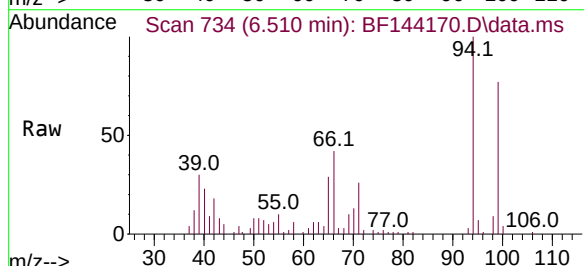
Manual Integrations
APPROVED

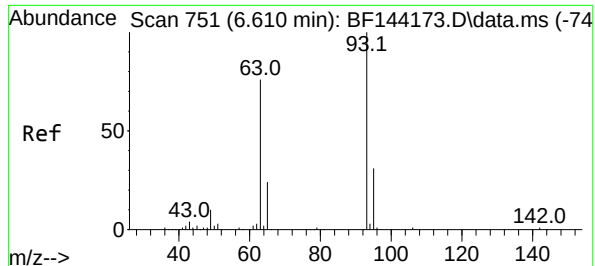
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

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





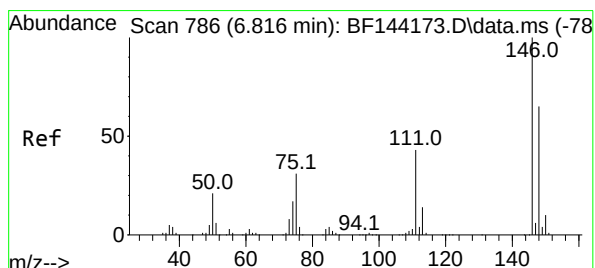
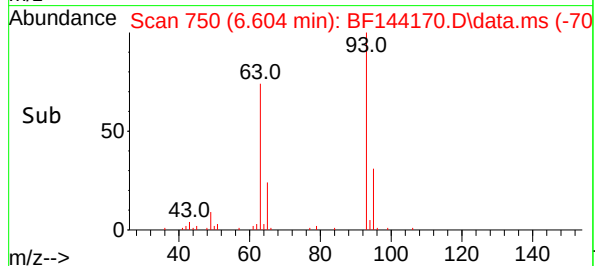
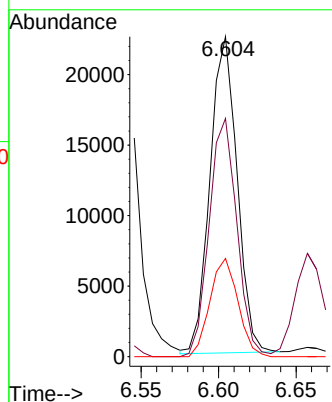
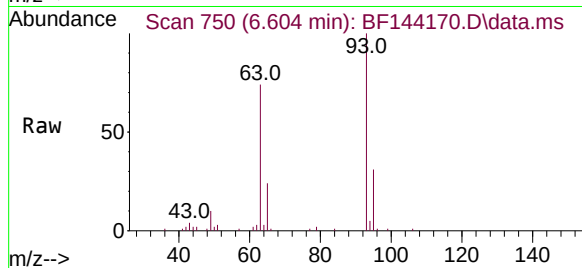
#11
bis(2-Chloroethyl)ether
Concen: 4.958 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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

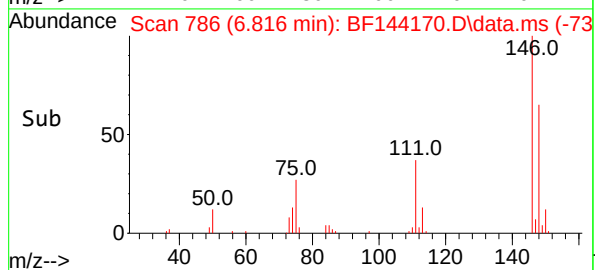
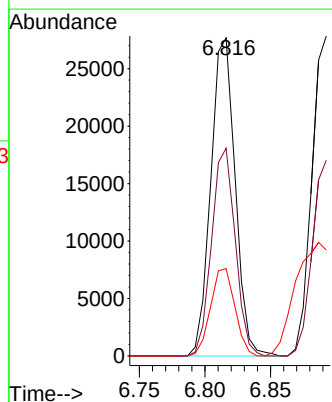
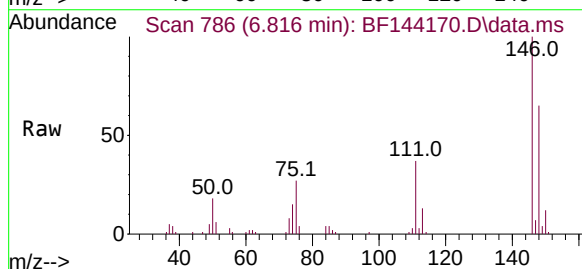
Manual Integrations
APPROVED

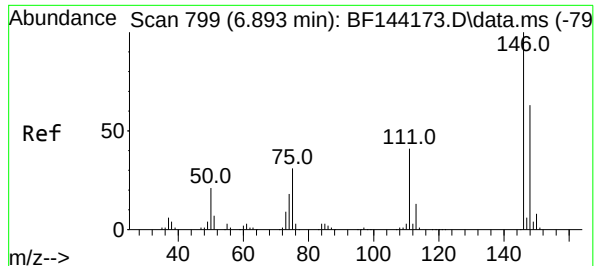
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

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





#13

1,4-Dichlorobenzene

Concen: 5.385 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

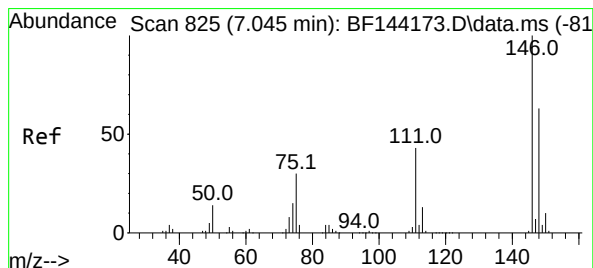
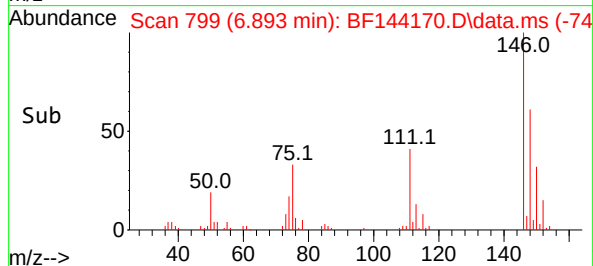
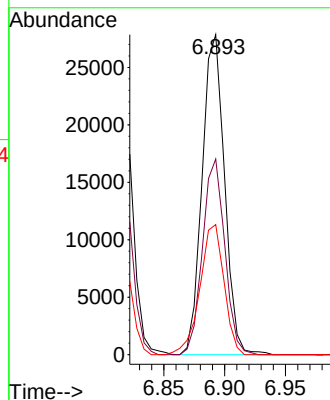
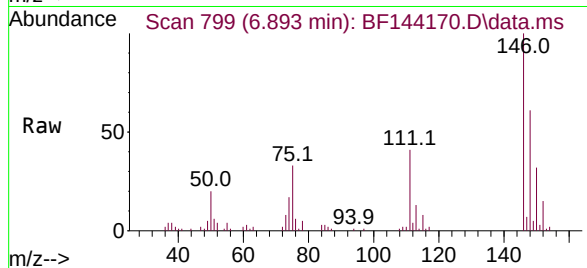
SSTDICC005

Tgt Ion	146	Resp	35623
Ion Ratio	Lower	Upper	
146	100		
148	61.1	50.2	75.2
111	40.6	32.6	48.8

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 5.559 ng

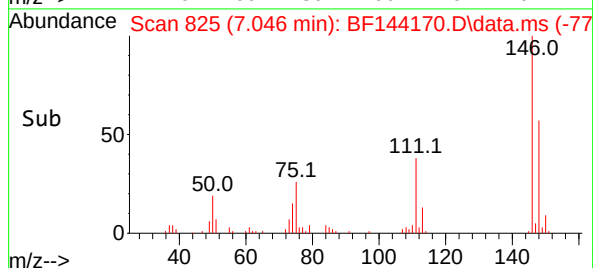
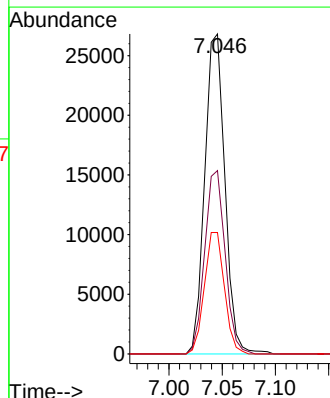
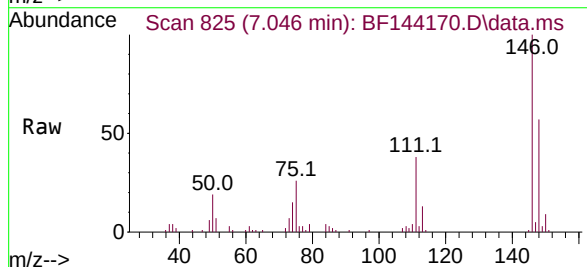
RT: 7.046 min Scan# 825

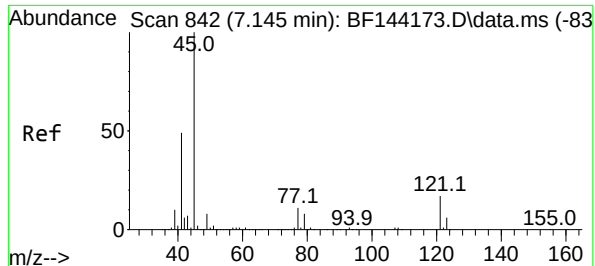
Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion	146	Resp	35243
Ion Ratio	Lower	Upper	
146	100		
148	57.3	50.7	76.1
111	37.9	34.2	51.4





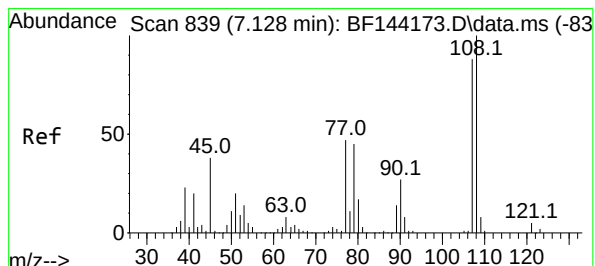
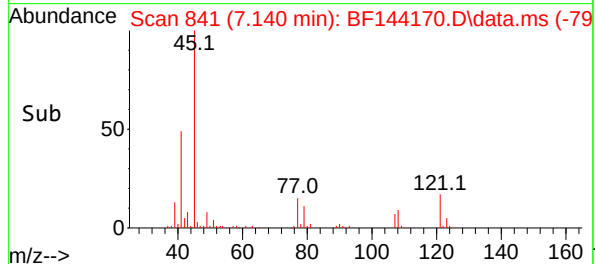
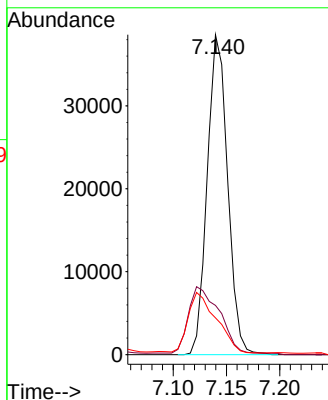
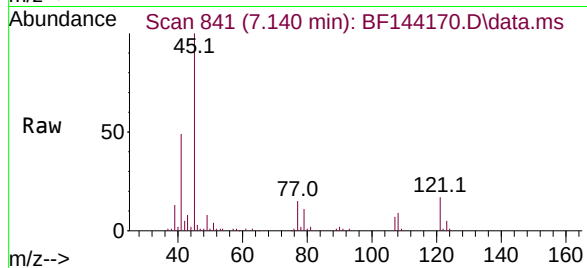
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.072 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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

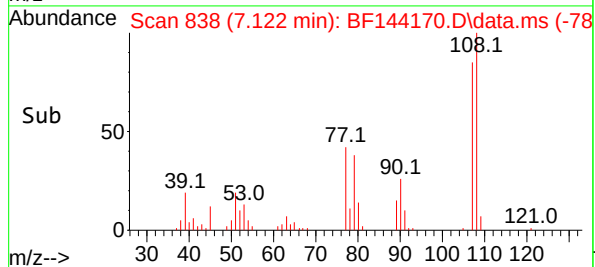
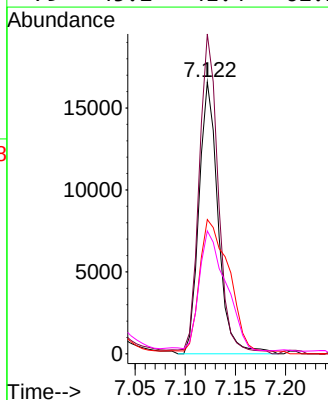
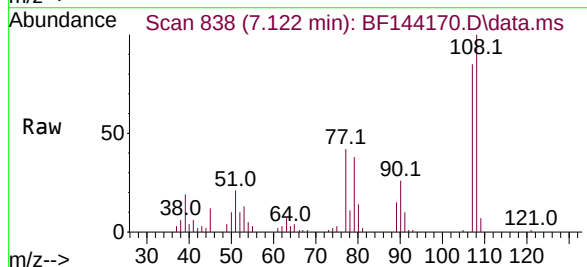
Manual Integrations
APPROVED

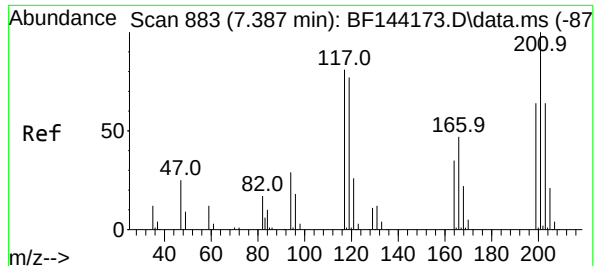
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

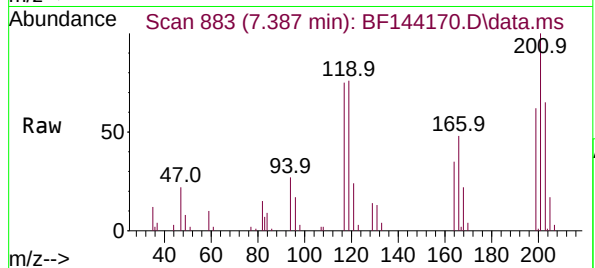
Tgt Ion:107 Resp: 21999
Ion Ratio Lower Upper
107 100
108 117.7 91.0 136.4
77 49.4 42.7 64.1
79 45.2 41.4 62.2





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

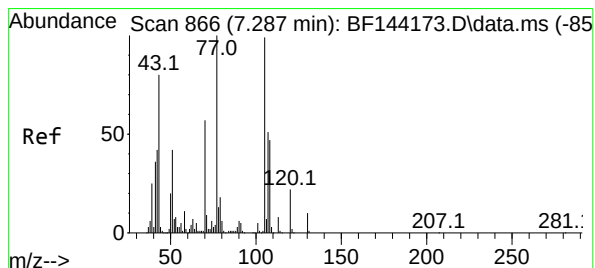
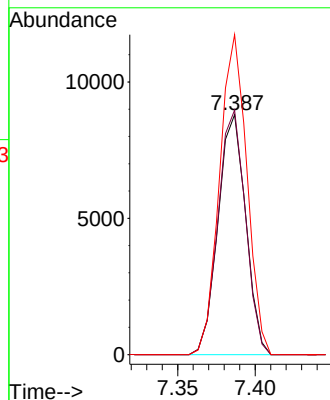
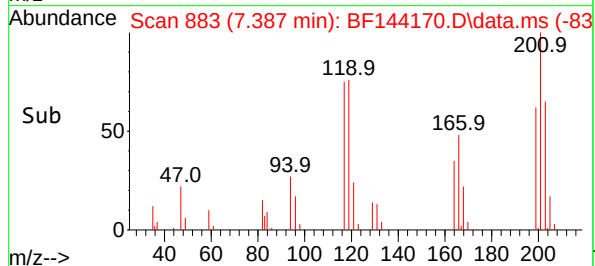
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



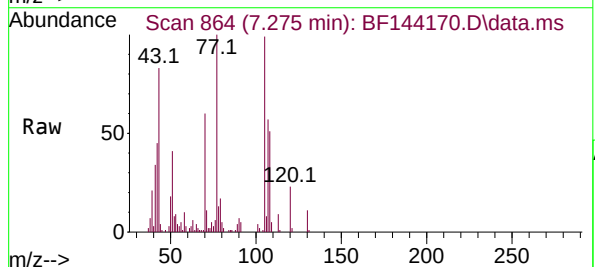
Tgt Ion: 117 Resp: 10929
Ion Ratio Lower Upper
117 100
119 102.0 75.8 113.8
201 133.4 98.9 148.3

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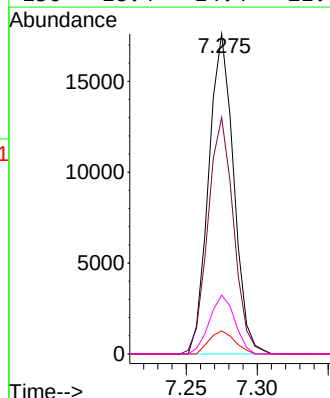
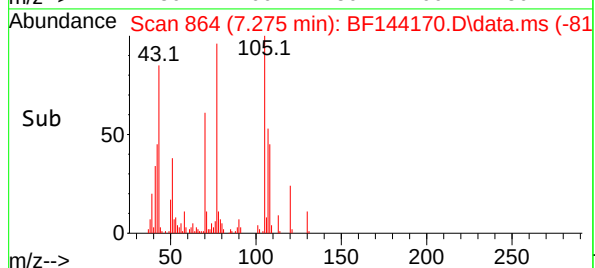
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

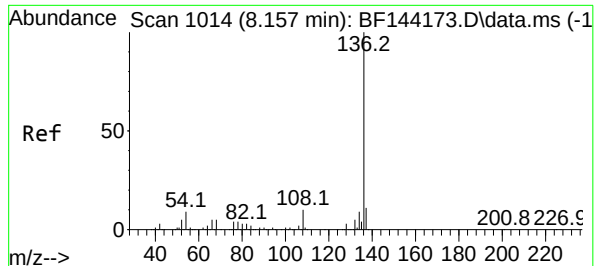


#19
n-Nitroso-di-n-propylamine
Concen: 5.296 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:136 Resp: 330889

Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.4 7.0 10.6

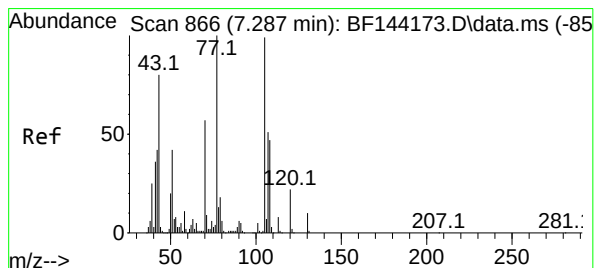
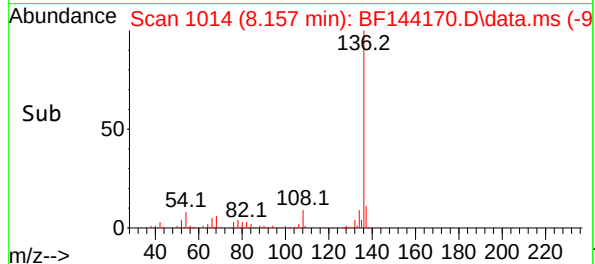
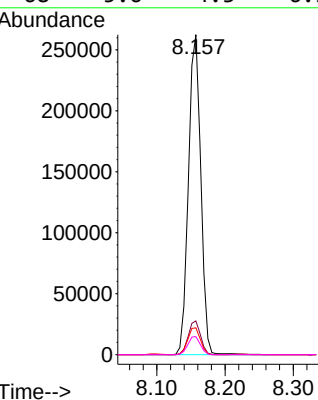
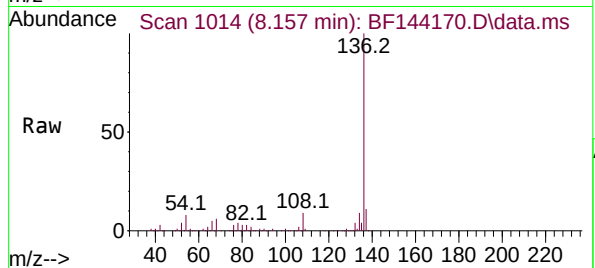
68 5.6 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#22

Acetophenone

Concen: 5.580 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:105 Resp: 39609

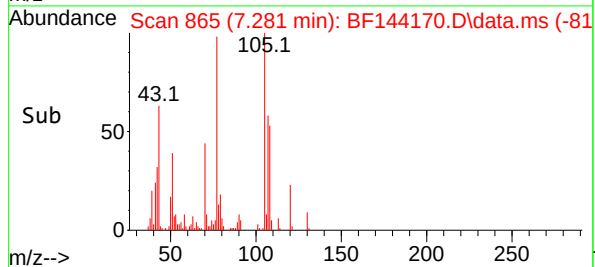
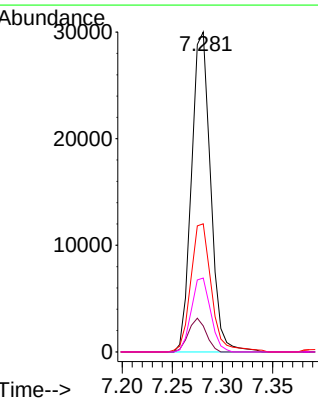
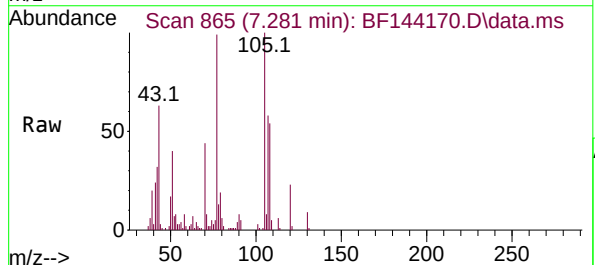
Ion Ratio Lower Upper

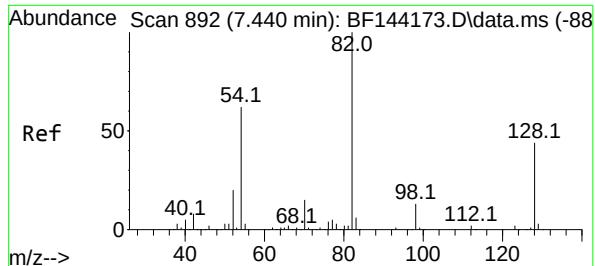
105 100

71 8.1 7.2 10.8

51 40.0 34.0 51.0

120 23.1 17.8 26.6





#23

Nitrobenzene-d5

Concen: 9.904 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

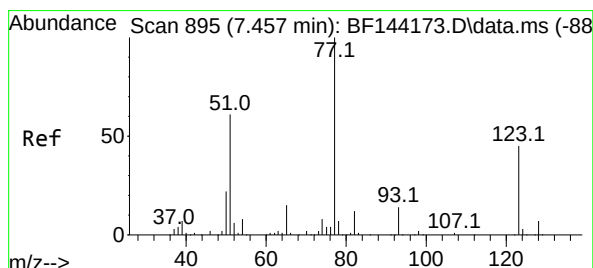
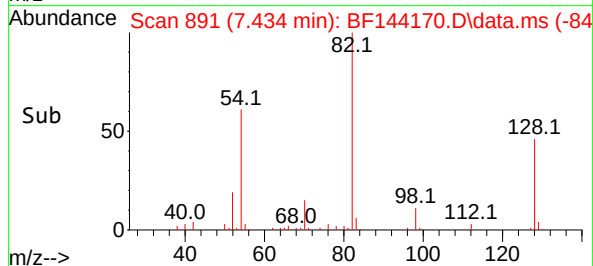
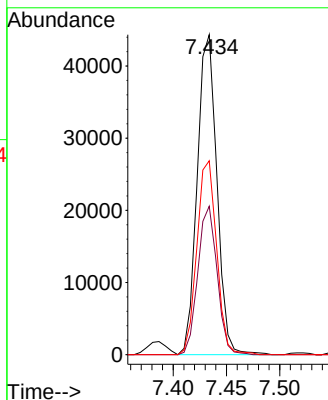
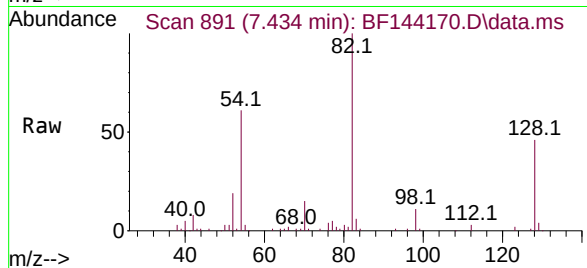
SSTDICC005

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

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 4.915 ng

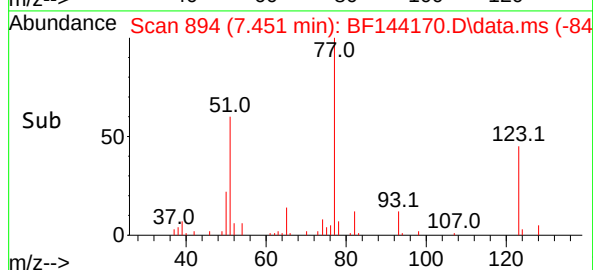
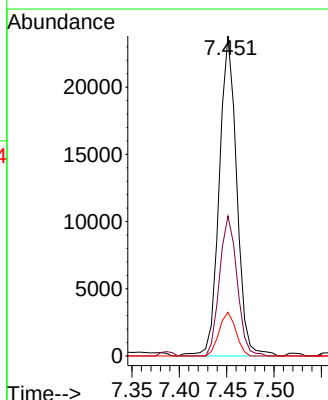
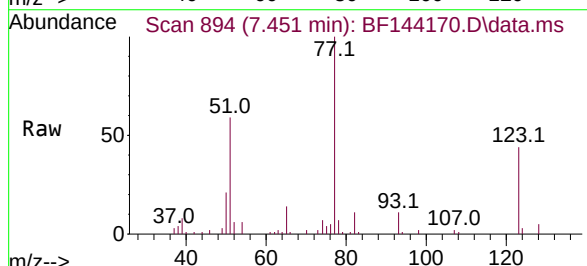
RT: 7.451 min Scan# 894

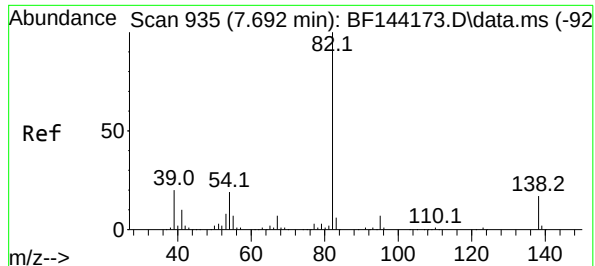
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

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





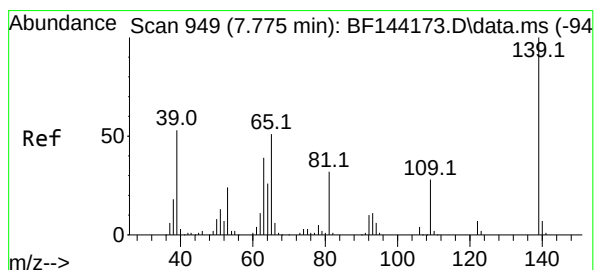
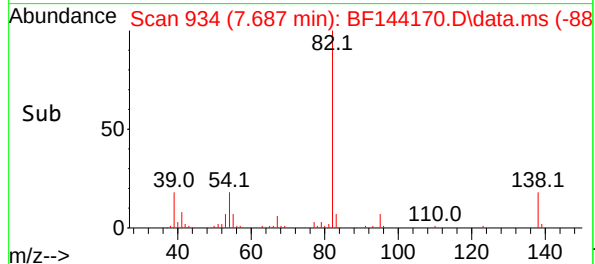
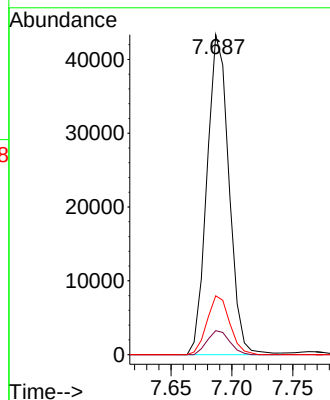
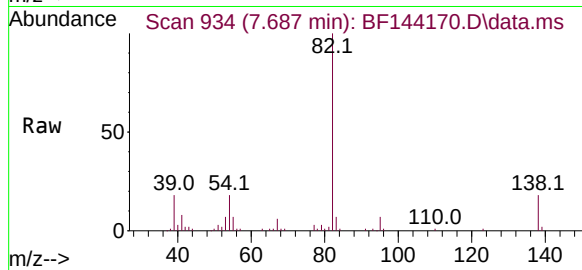
#25
Isophorone
Concen: 5.028 ng
RT: 7.687 min Scan# 934
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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

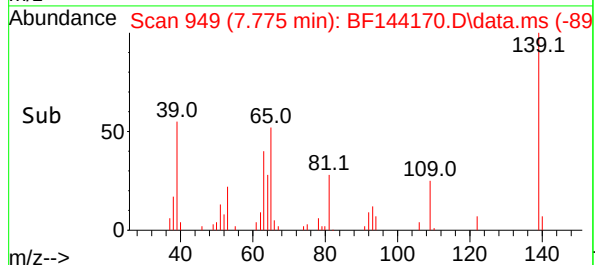
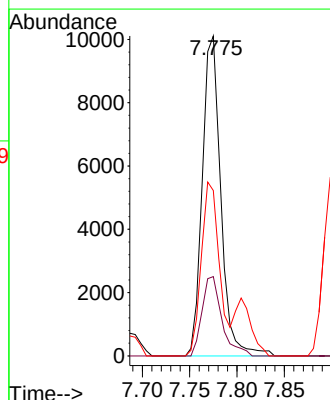
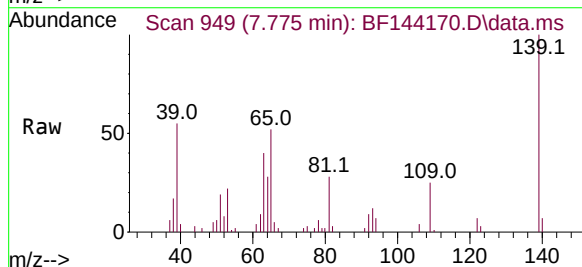
Manual Integrations
APPROVED

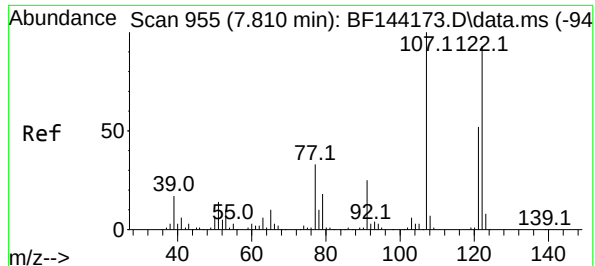
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

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





#27

2,4-Dimethylphenol

Concen: 5.045 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

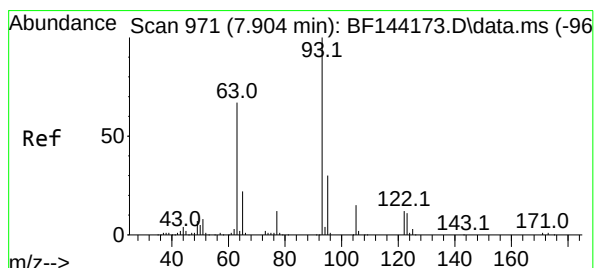
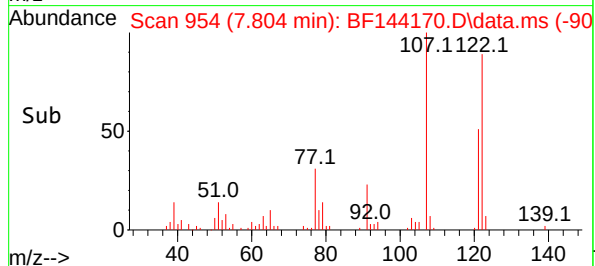
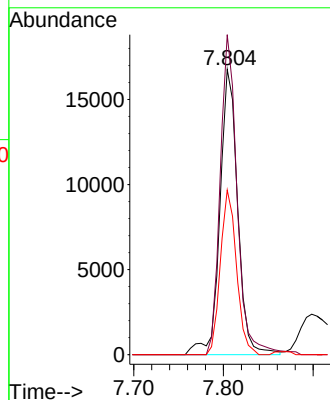
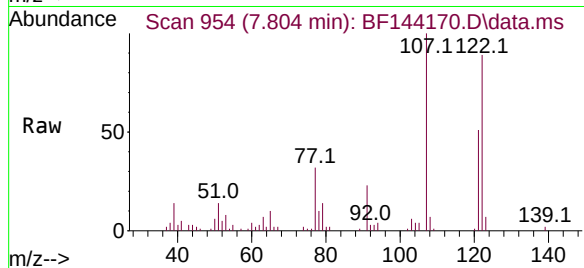
Tgt Ion:	122	Resp:	23283
Ion	Ratio	Lower	Upper
122	100		
107	112.2	86.2	129.4
121	57.7	44.6	66.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.207 ng

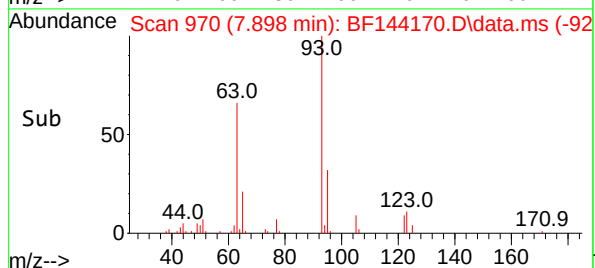
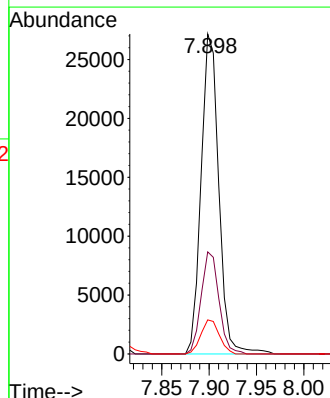
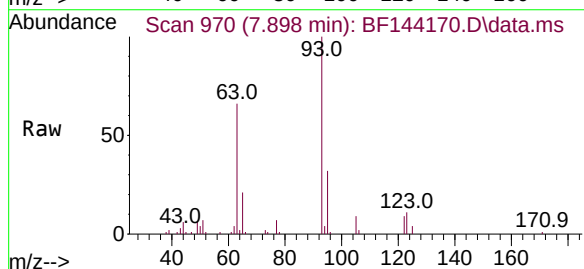
RT: 7.898 min Scan# 970

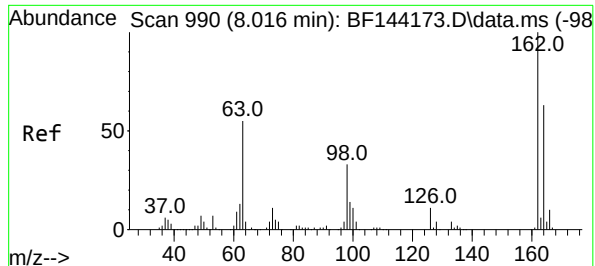
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

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





#29

2,4-Dichlorophenol

Concen: 5.189 ng

RT: 8.016 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

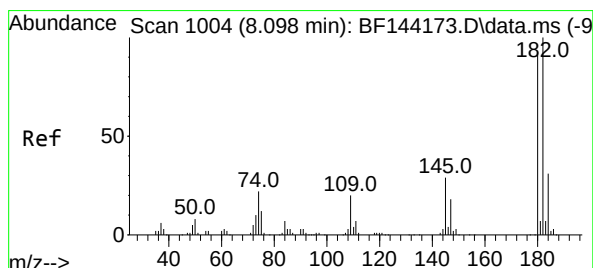
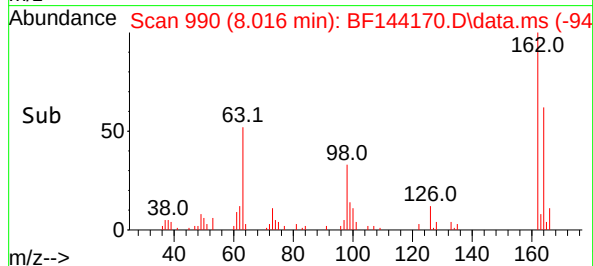
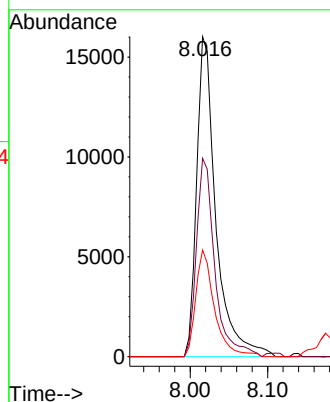
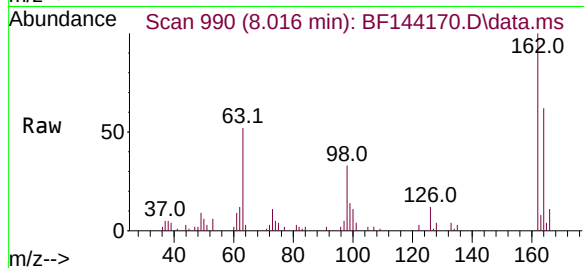
Tgt Ion:162	Resp:	27603
Ion Ratio	Lower	Upper
162	100	
164	62.0	42.9 82.9
98	33.3	13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.298 ng

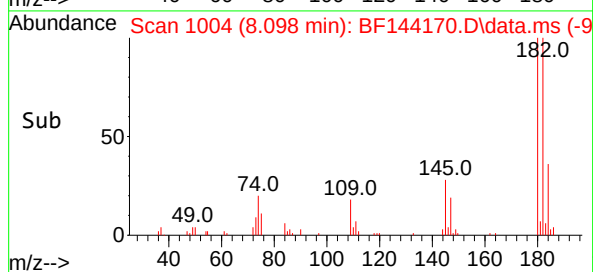
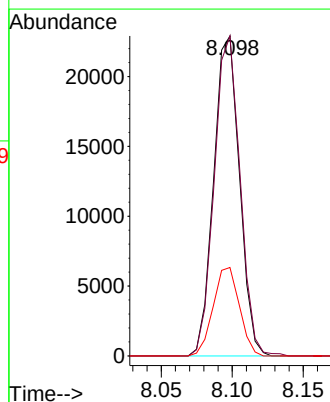
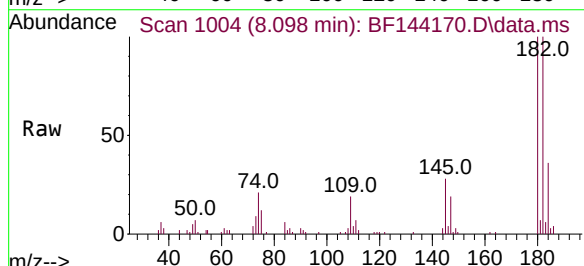
RT: 8.098 min Scan# 1004

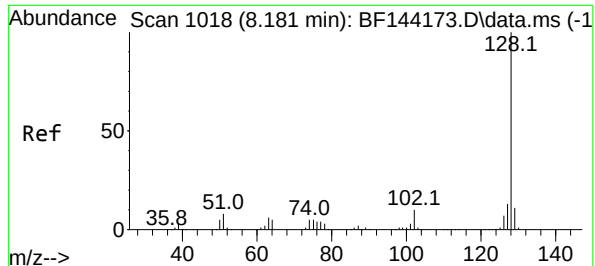
Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

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





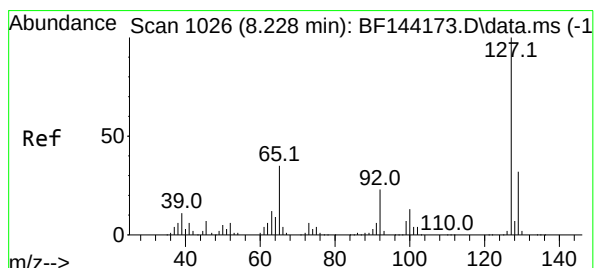
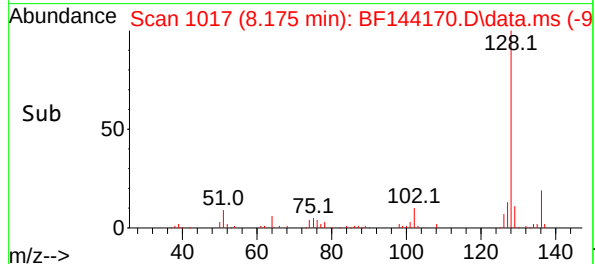
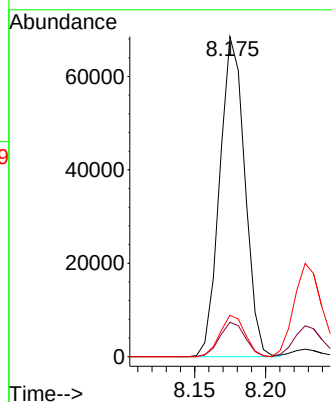
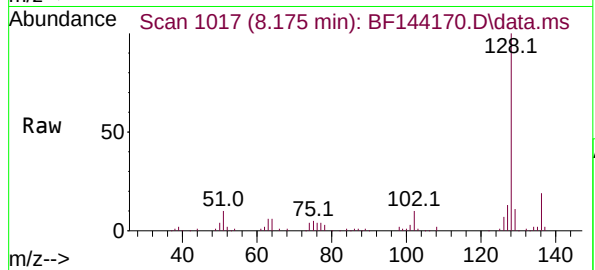
#31
Naphthalene
Concen: 5.357 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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

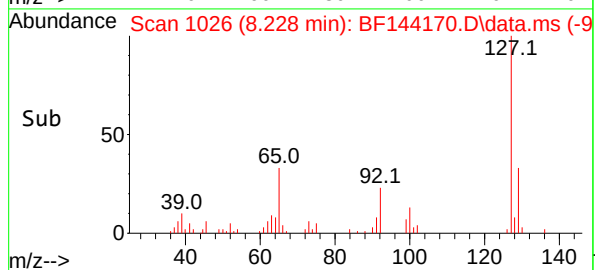
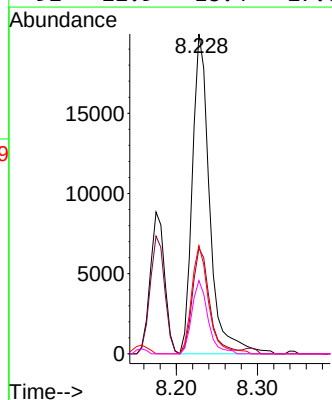
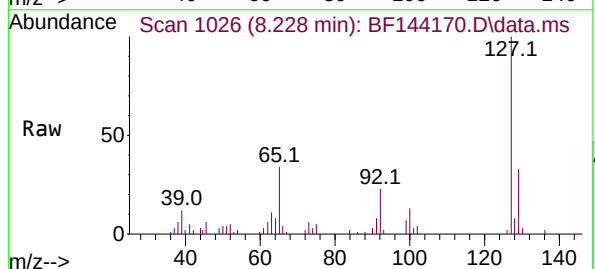
Manual Integrations
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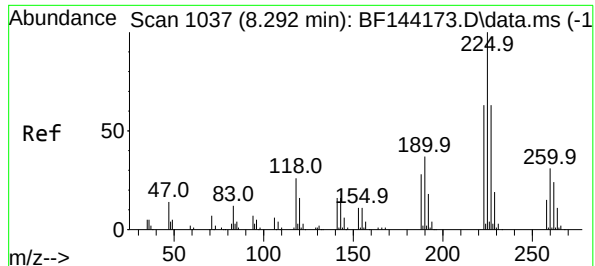
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

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





#34

Hexachlorobutadiene

Concen: 5.152 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:225 Resp: 21207

Ion Ratio Lower Upper

225 100

223 64.0 50.2 75.4

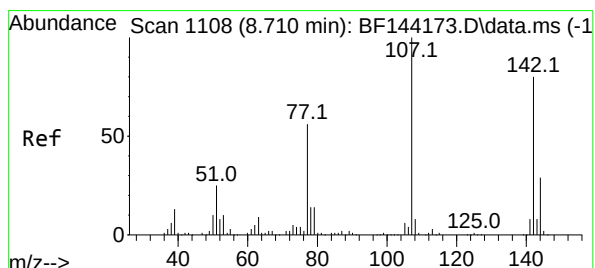
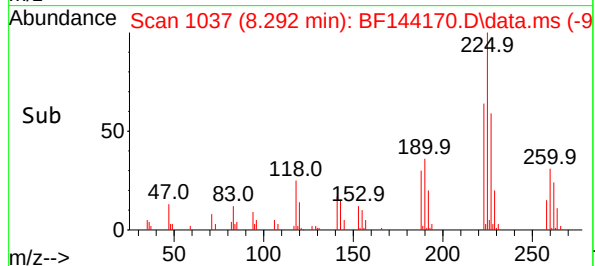
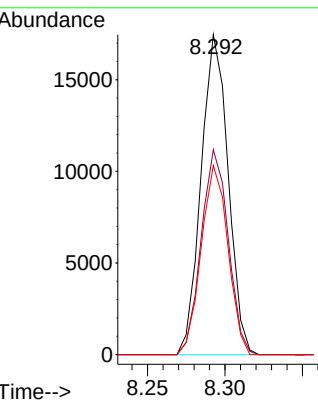
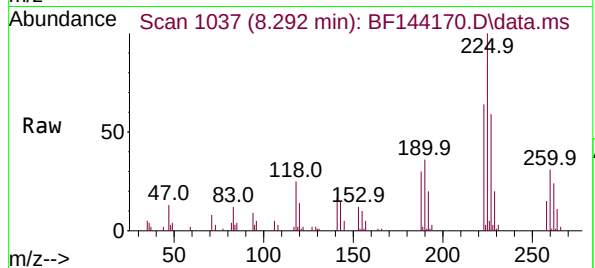
227 59.1 50.1 75.1

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#36

4-Chloro-3-methylphenol

Concen: 4.914 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

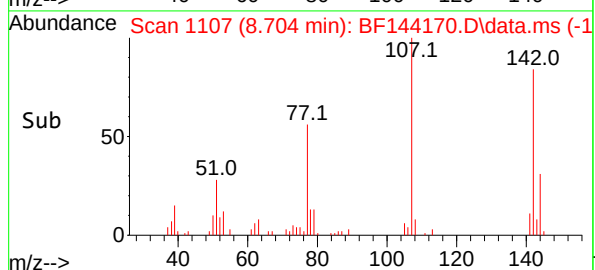
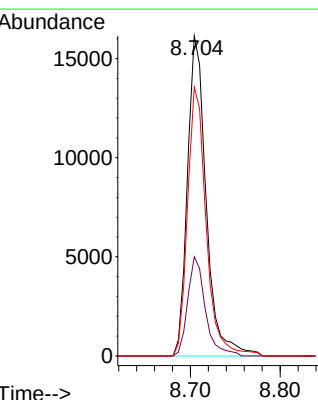
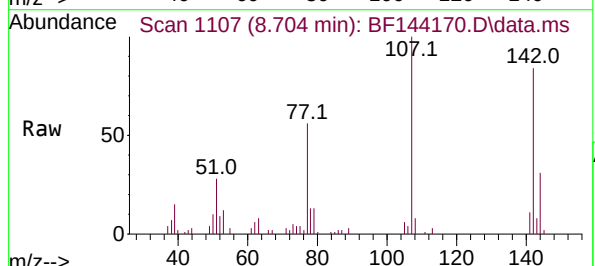
Tgt Ion:107 Resp: 23428

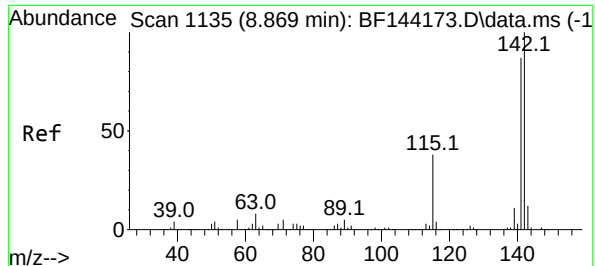
Ion Ratio Lower Upper

107 100

144 31.0 23.3 34.9

142 84.0 63.8 95.6





#37

2-Methylnaphthalene

Concen: 5.520 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:142 Resp: 5808

Ion Ratio Lower Upper

142 100

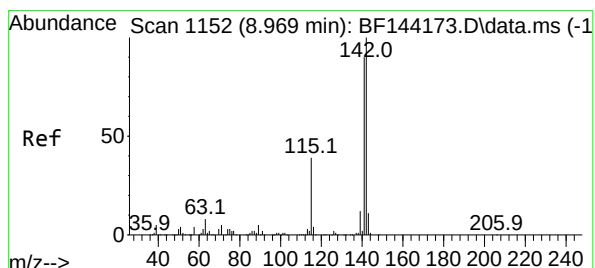
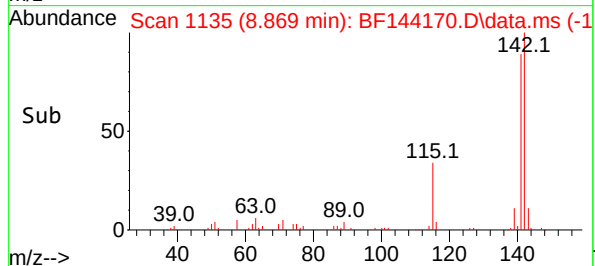
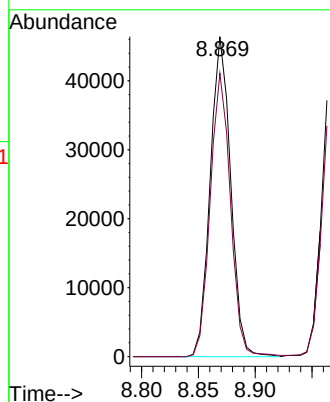
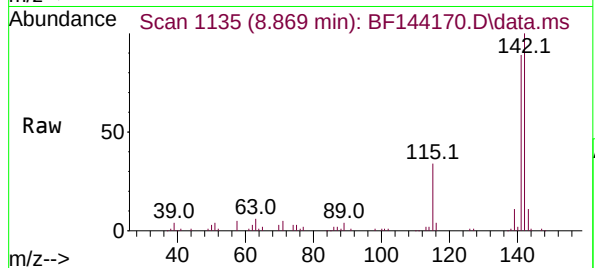
141 88.5 69.9 104.9

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#38

1-Methylnaphthalene

Concen: 5.431 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144170.D

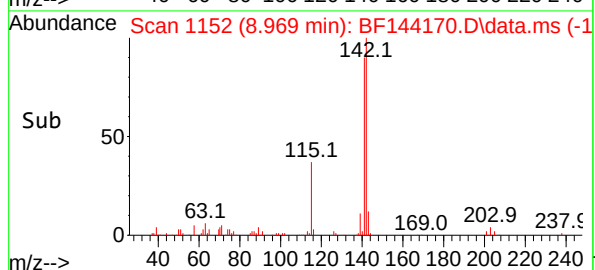
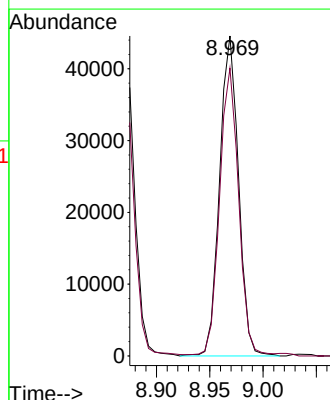
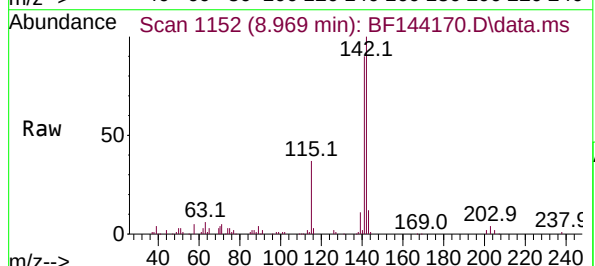
Acq: 05 Nov 2025 13:20

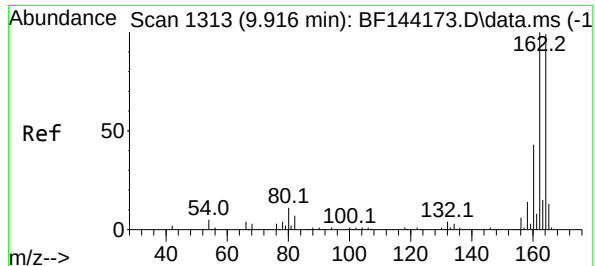
Tgt Ion:142 Resp: 55152

Ion Ratio Lower Upper

142 100

141 89.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144170.D

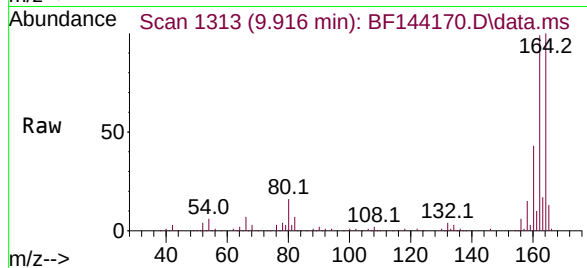
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 188000

Ion Ratio Lower Upper

164 100

162 99.4 81.1 121.7

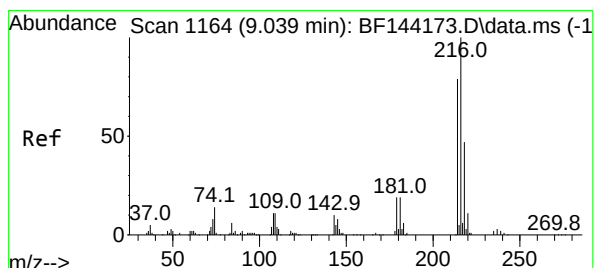
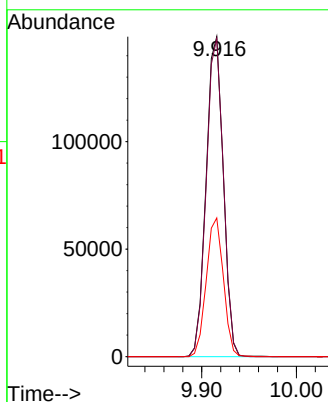
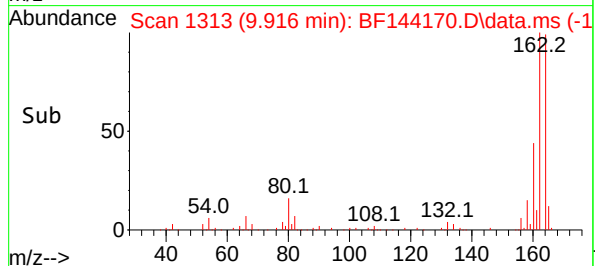
160 43.3 34.5 51.7

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#40

1,2,4,5-Tetrachlorobenzene

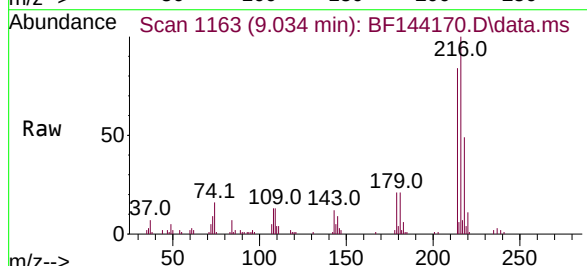
Concen: 5.165 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20



Tgt Ion:216 Resp: 31823

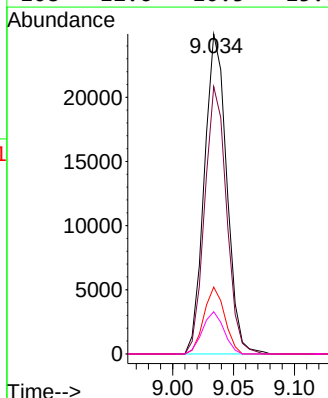
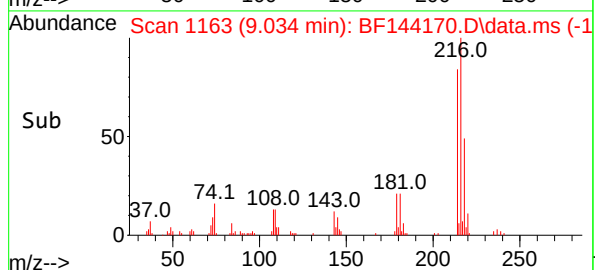
Ion Ratio Lower Upper

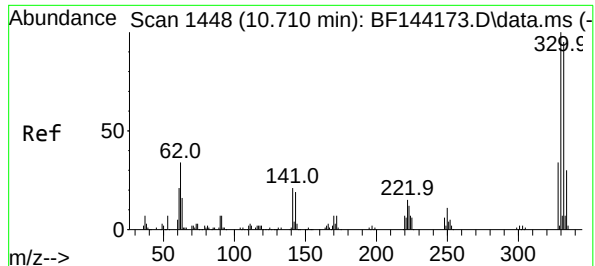
216 100

214 81.6 63.4 95.2

179 19.4 15.0 22.4

108 12.6 10.5 15.7





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

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

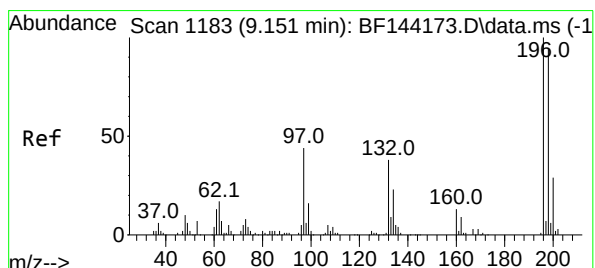
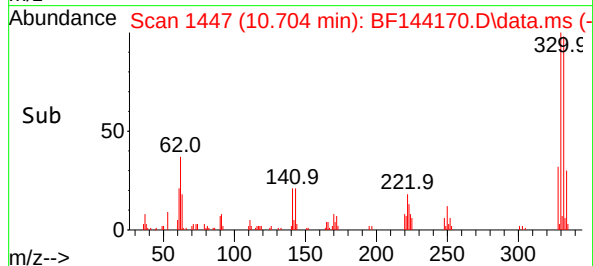
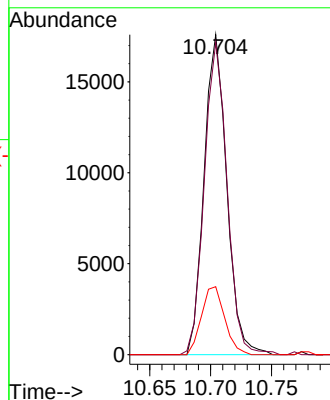
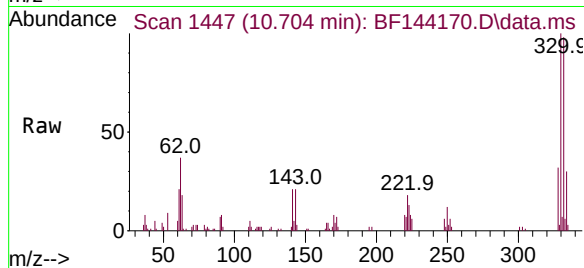
Tgt Ion: 330 Resp: 22758
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 21.8 17.8 26.8

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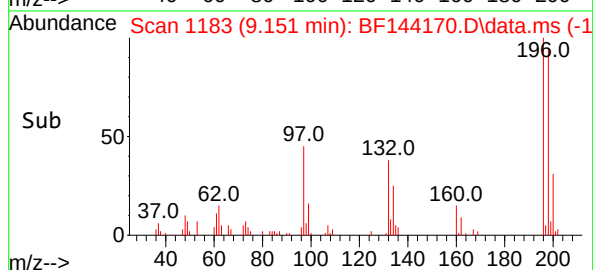
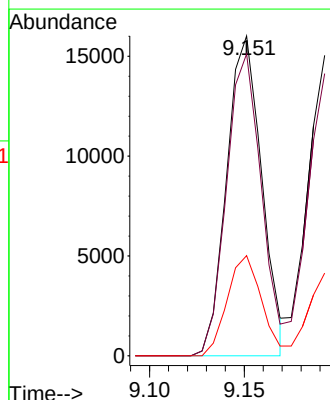
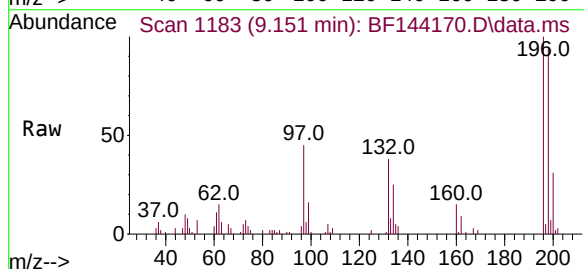
Reviewed By :Rahul Chavli 11/06/2025

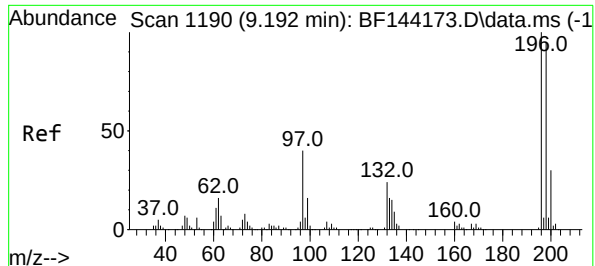
Supervised By :Jagrut Upadhyay 11/06/2025



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

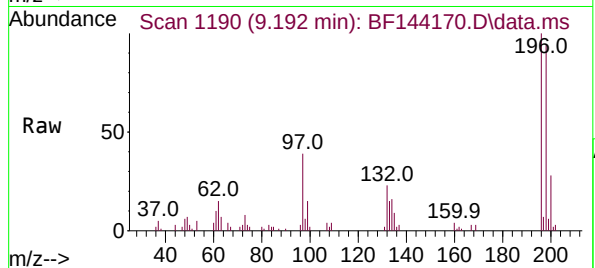
Tgt Ion: 196 Resp: 20685
Ion Ratio Lower Upper
196 100
198 94.4 75.3 112.9
200 31.3 23.4 35.2





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

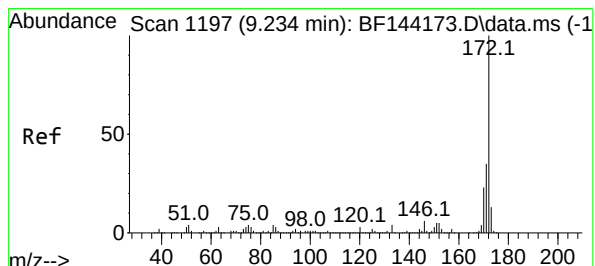
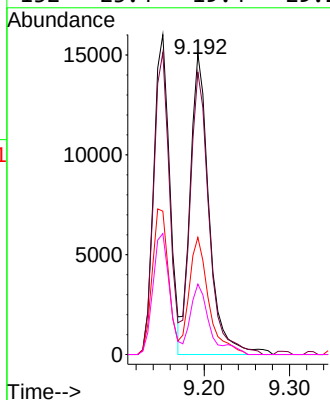
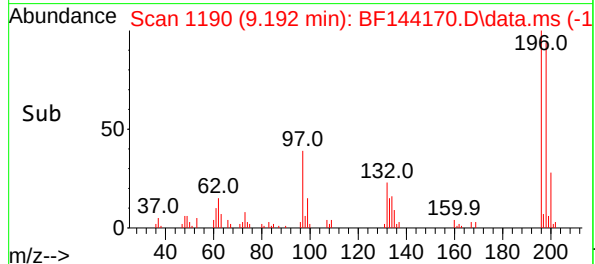
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

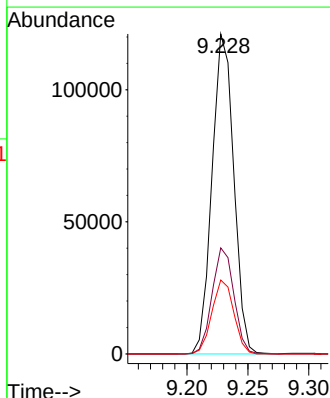
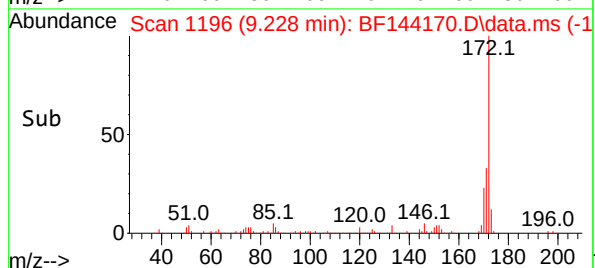
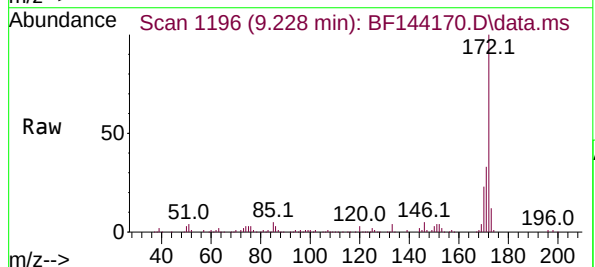
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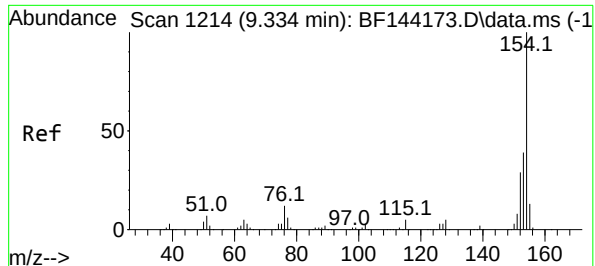
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

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





#46

1,1'-Biphenyl

Concen: 5.496 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

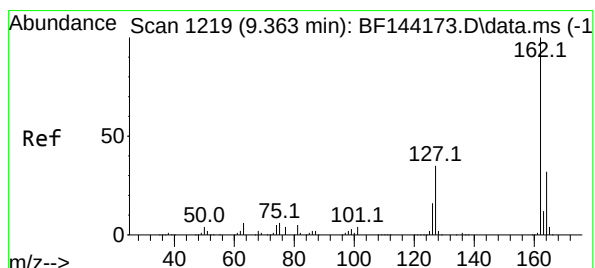
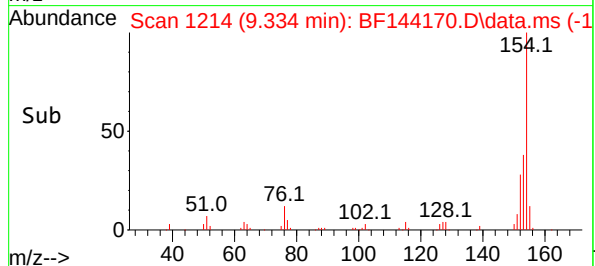
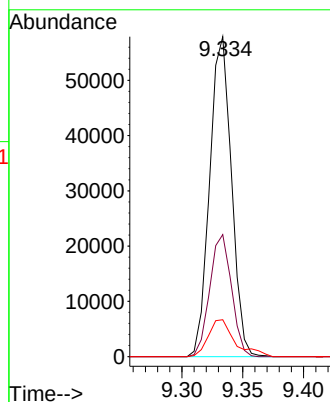
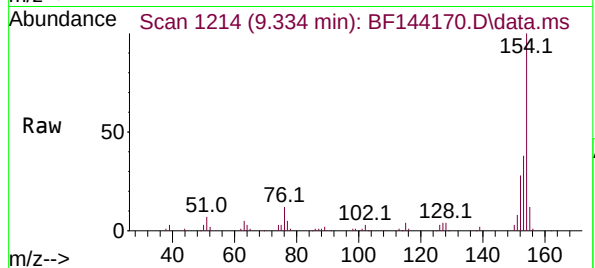
SSTDICC005

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

Manual Integrations

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



#47

2-Chloronaphthalene

Concen: 5.470 ng

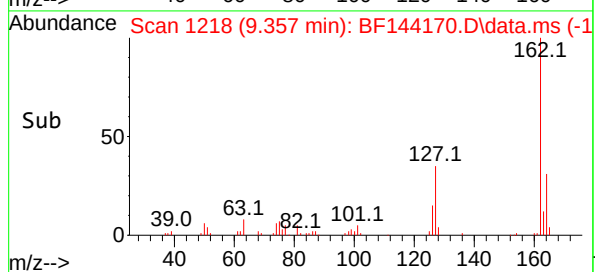
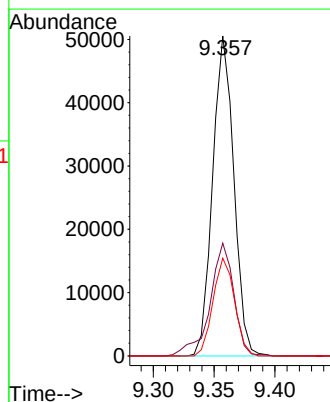
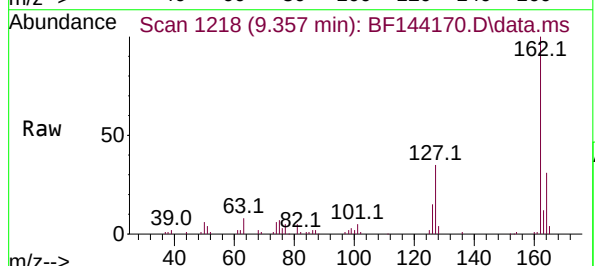
RT: 9.357 min Scan# 1218

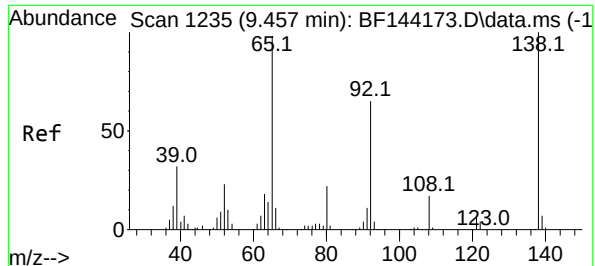
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

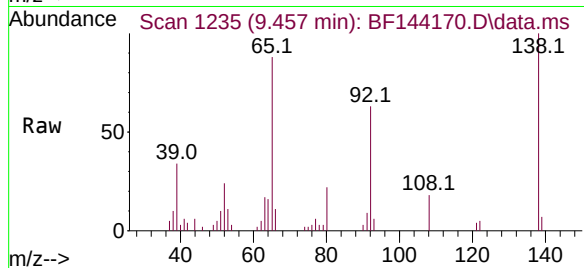
Tgt Ion:162	Resp:	61232
Ion Ratio	Lower	Upper
162	100	
127	35.2	28.8 43.2
164	30.5	25.8 38.8





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

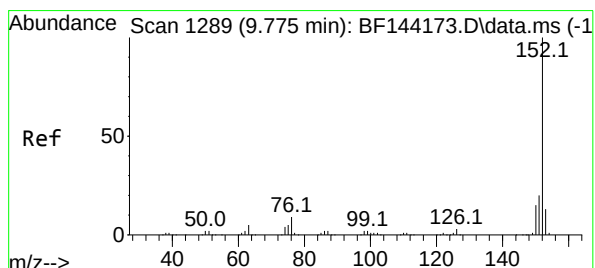
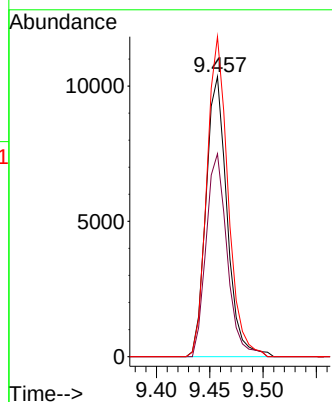
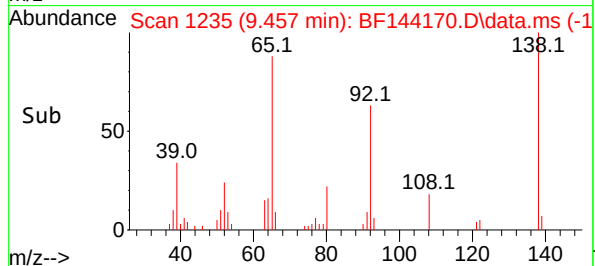
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

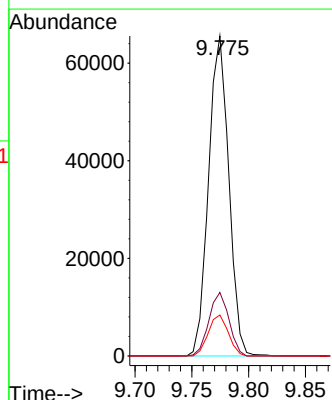
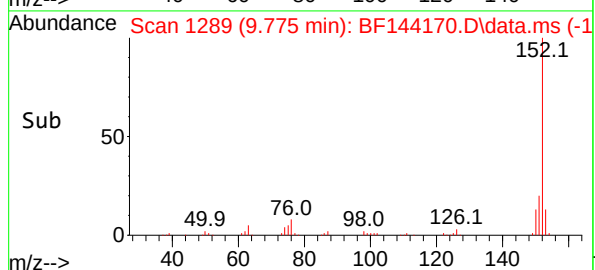
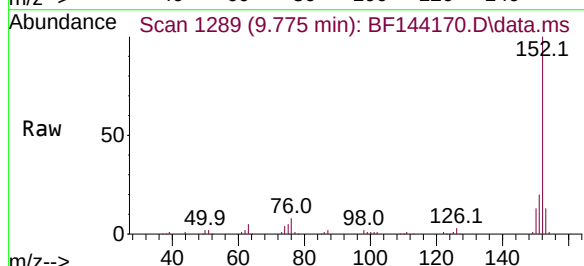
Manual Integrations
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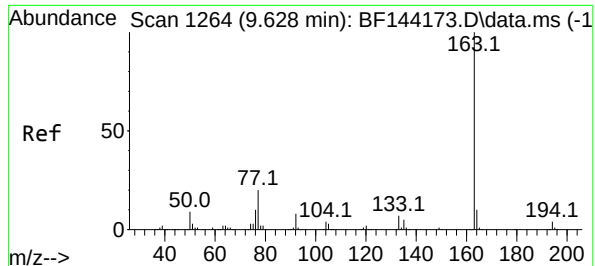
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

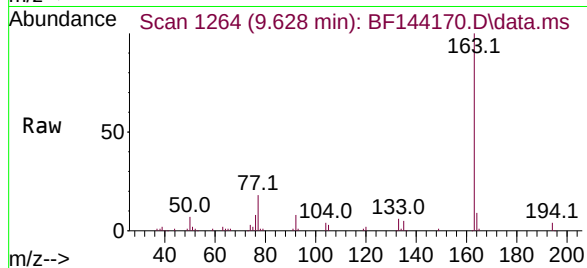
Tgt Ion:152 Resp: 81168
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.8 10.5 15.7





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

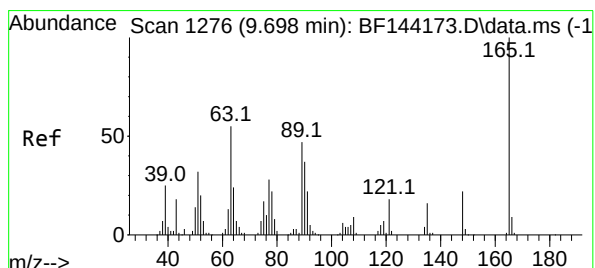
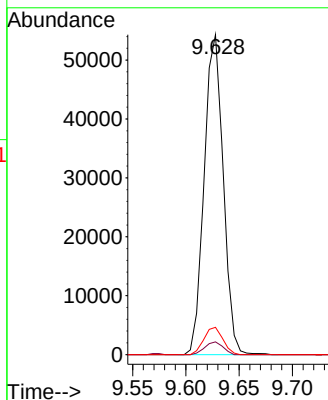
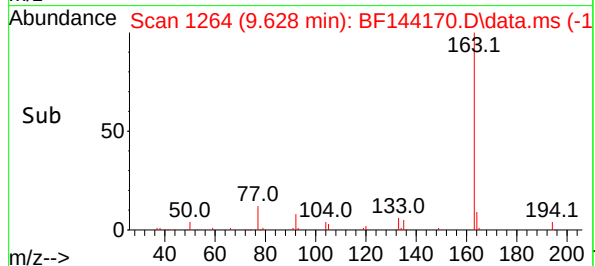
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



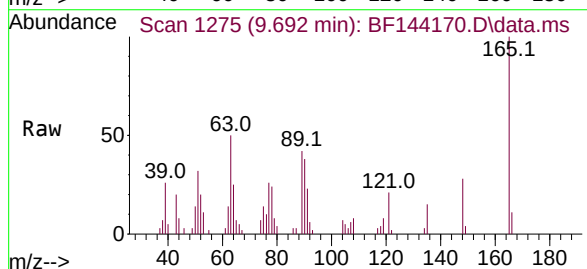
Tgt Ion:163 Resp: 67538
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 8.5 8.1 12.1

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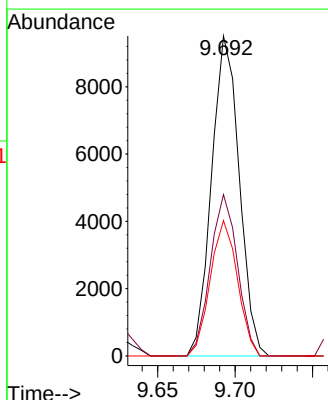
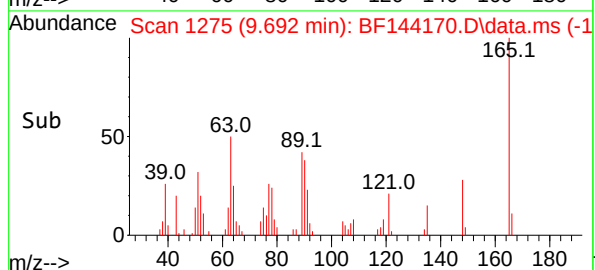
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

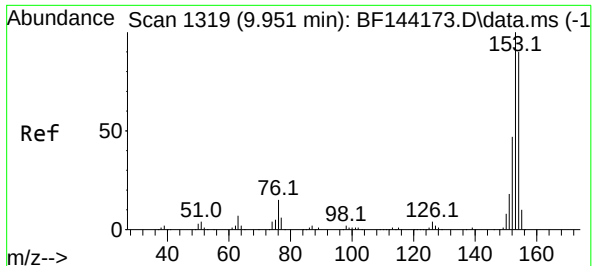


#51
2,6-Dinitrotoluene
Concen: 4.684 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



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





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

Instrument :

BNA_F

ClientSampleId :

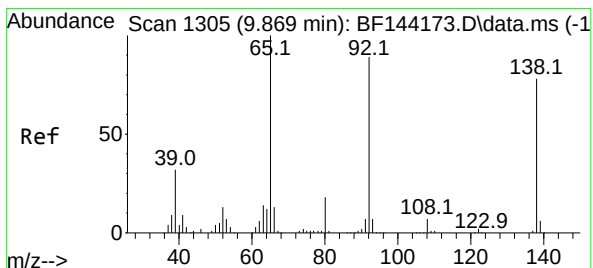
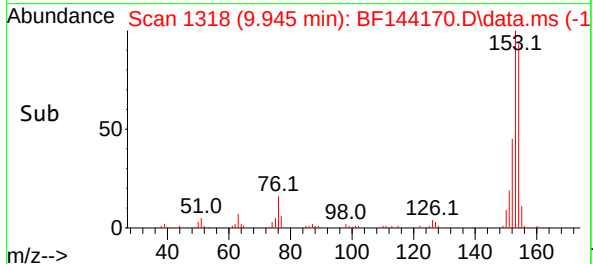
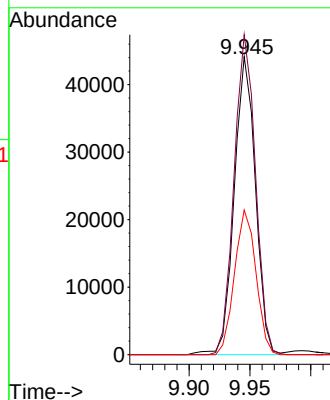
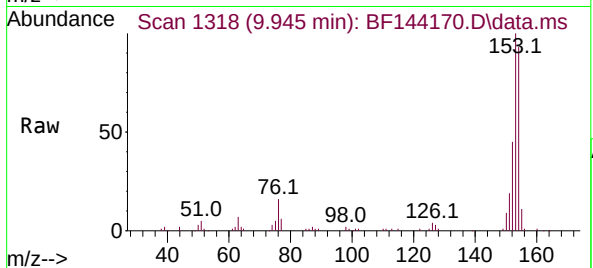
SSTDICC005

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

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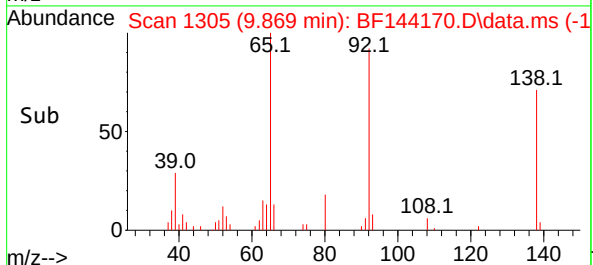
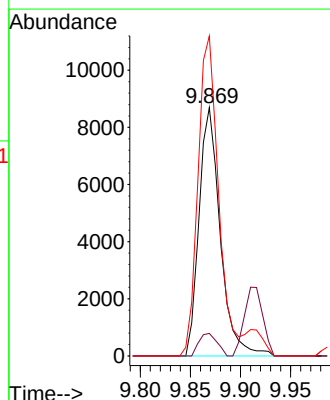
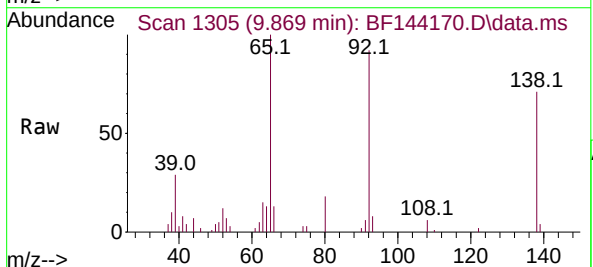
APPROVED

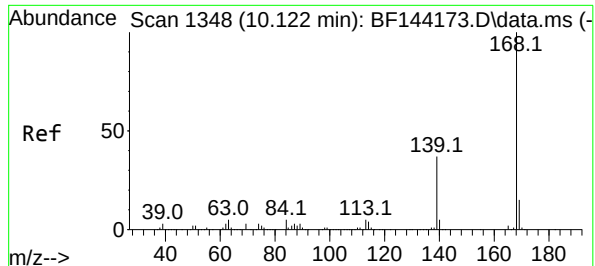
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

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





#55

Dibenzenofuran

Concen: 5.409 ng

RT: 10.116 min Scan# 1347

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 77278

Ion Ratio Lower Upper

168 100

139 36.2 30.2 45.2

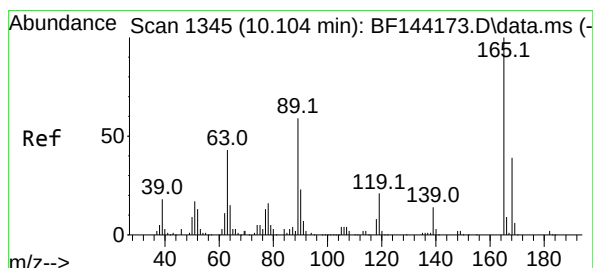
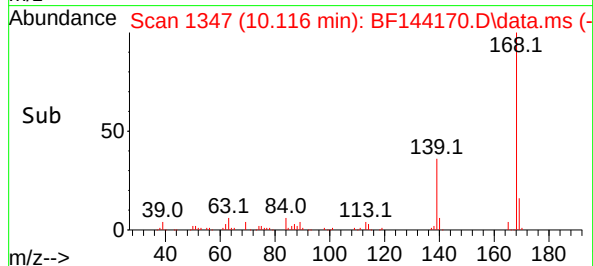
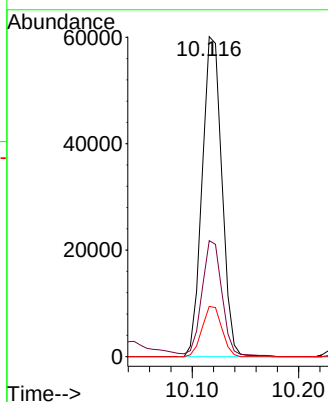
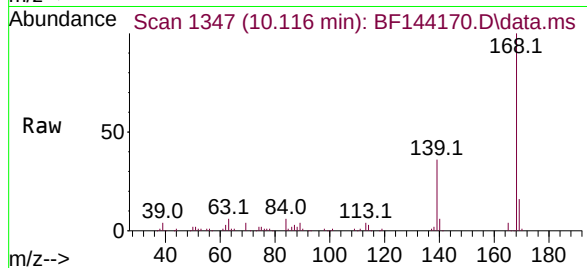
169 15.7 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#57

2,4-Dinitrotoluene

Concen: 4.485 ng

RT: 10.098 min Scan# 1344

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:165 Resp: 15136

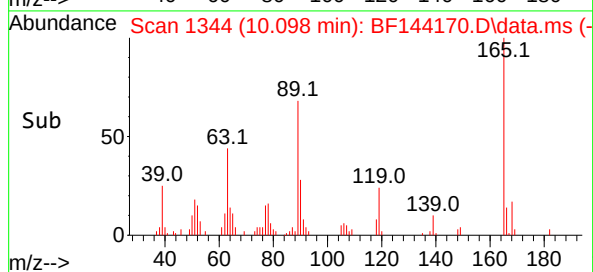
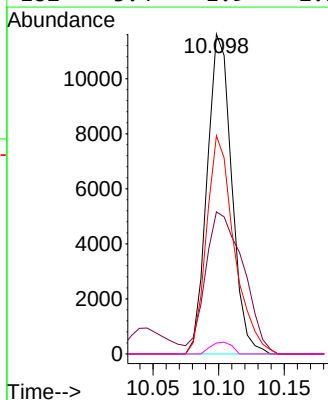
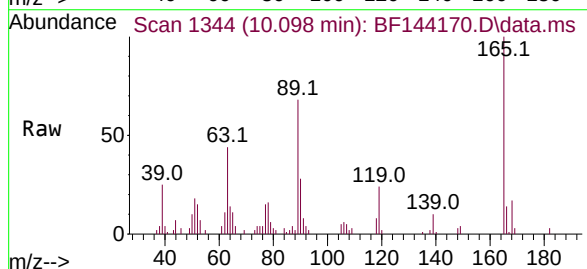
Ion Ratio Lower Upper

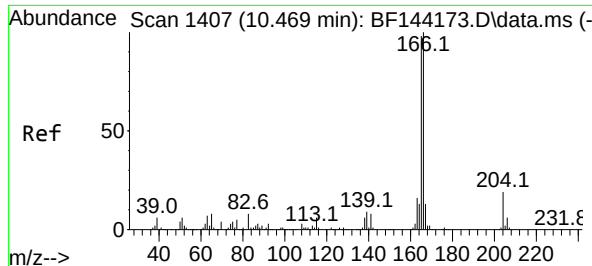
165 100

63 44.4 35.5 53.3

89 68.2 47.4 71.2

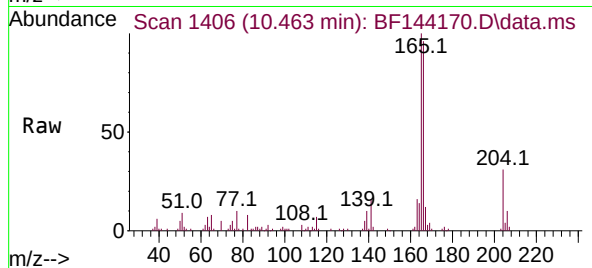
182 3.4 1.9 2.9#





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

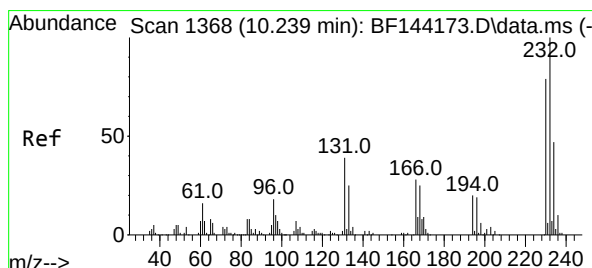
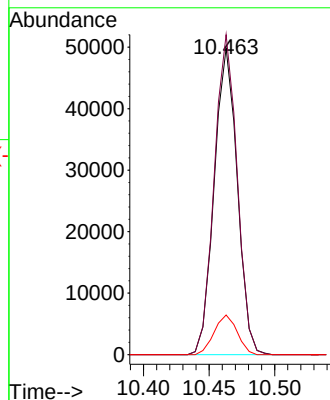
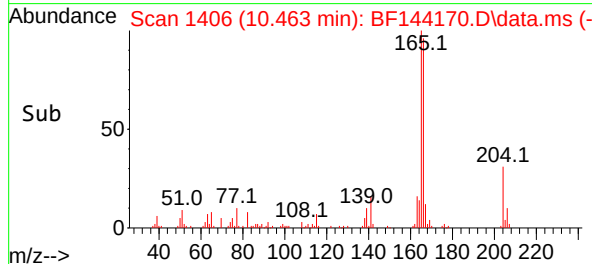
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

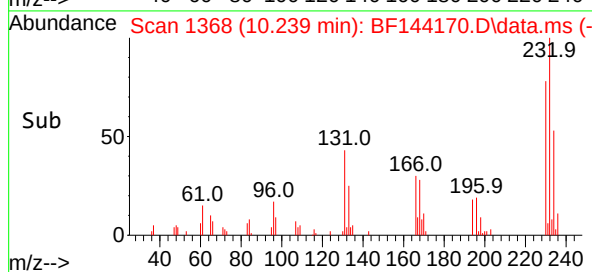
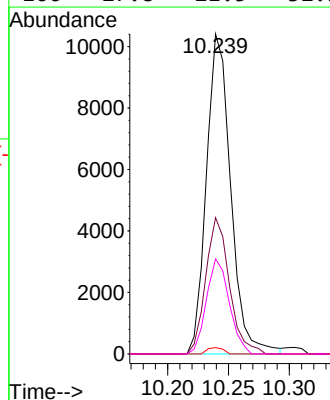
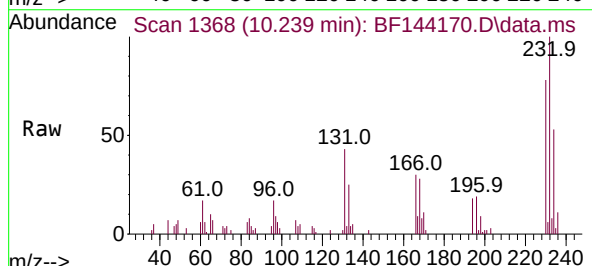
Manual Integrations
APPROVED

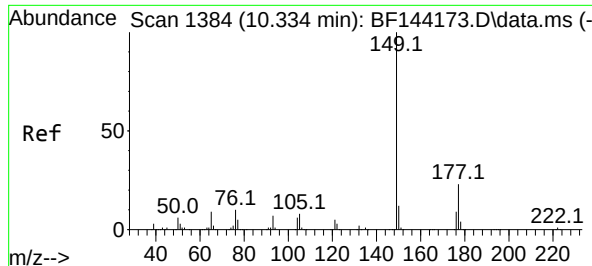
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

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





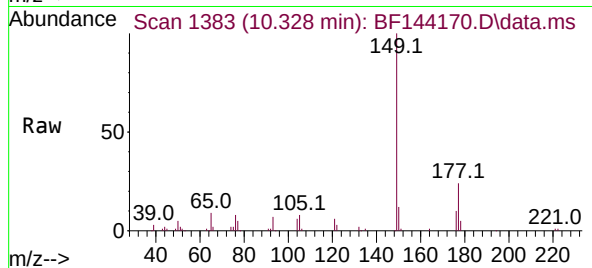
#60
Diethylphthalate
Concen: 5.297 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

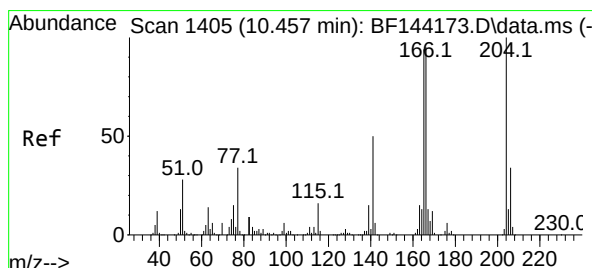
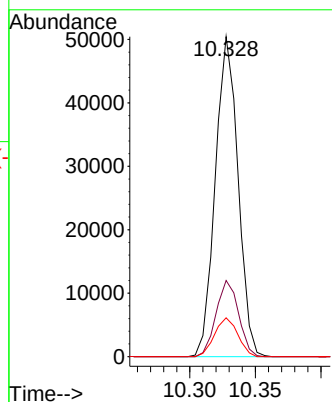
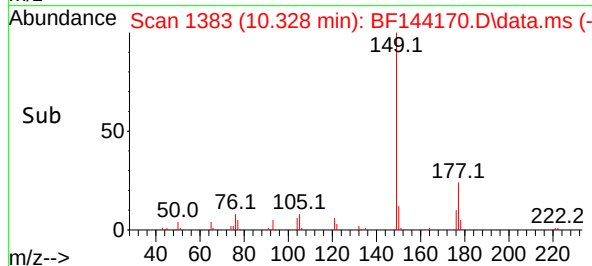


Tgt Ion:149 Resp: 60815
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 12.1 9.8 14.6

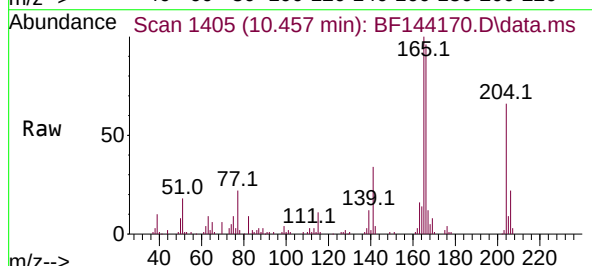
Manual Integrations

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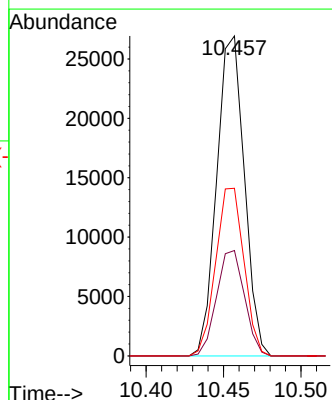
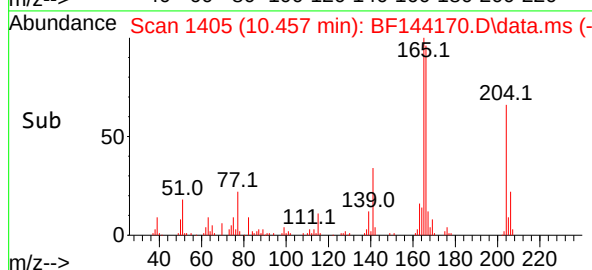
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

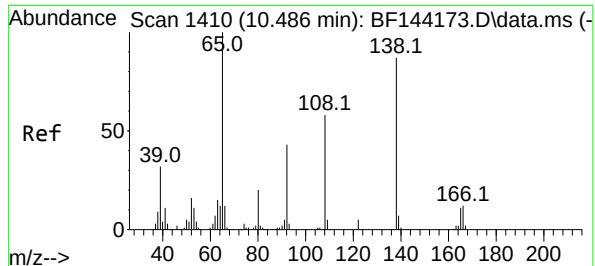


#61
4-Chlorophenyl-phenylether
Concen: 5.401 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



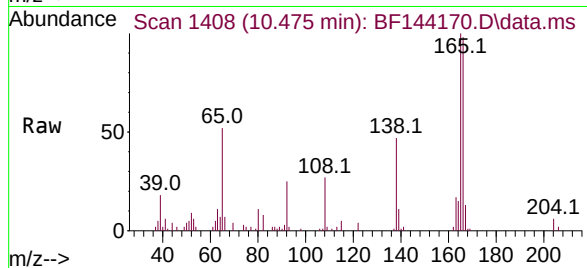
Tgt Ion:204 Resp: 33416
Ion Ratio Lower Upper
204 100
206 32.9 27.4 41.2
141 52.4 40.0 60.0





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

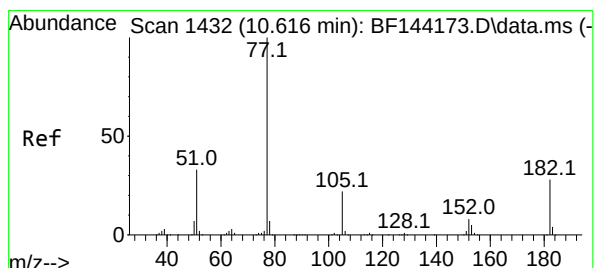
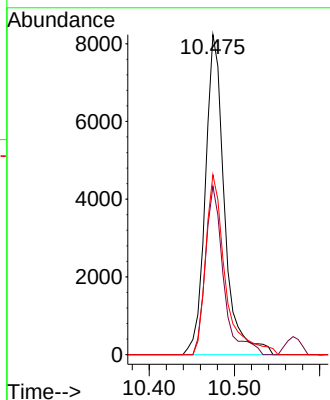
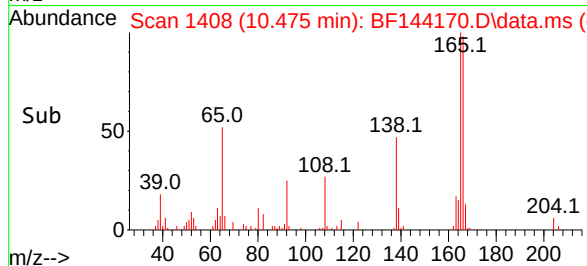
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

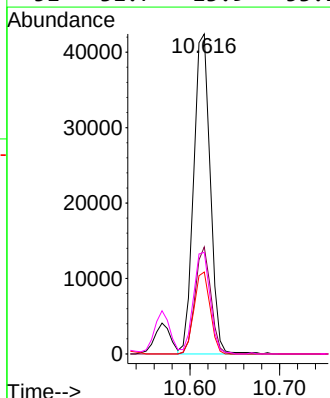
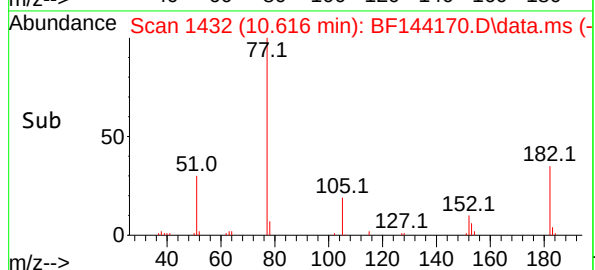
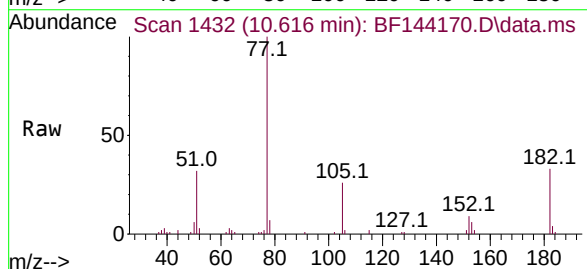
Manual Integrations
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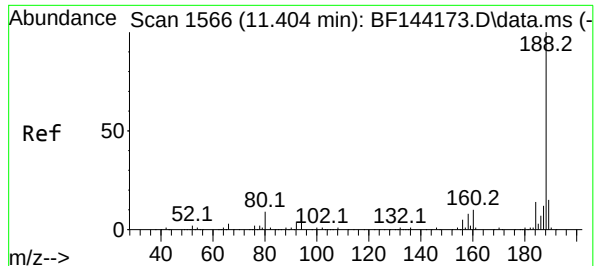
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

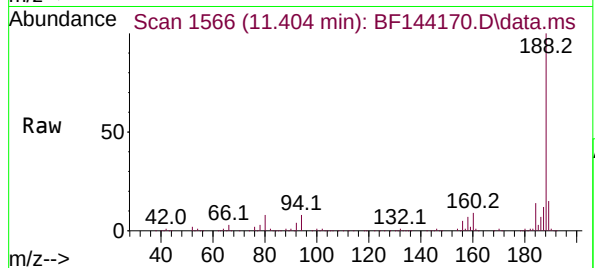
Tgt Ion: 77 Resp: 54383
Ion Ratio Lower Upper
77 100
182 33.4 8.1 48.1
105 25.6 2.0 42.0
51 31.7 13.9 53.9





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

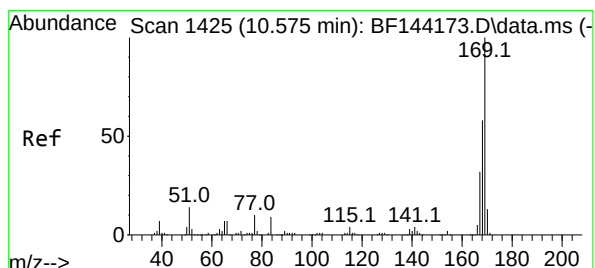
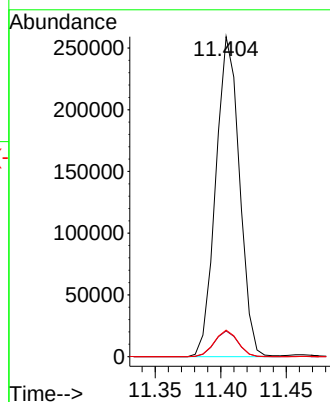
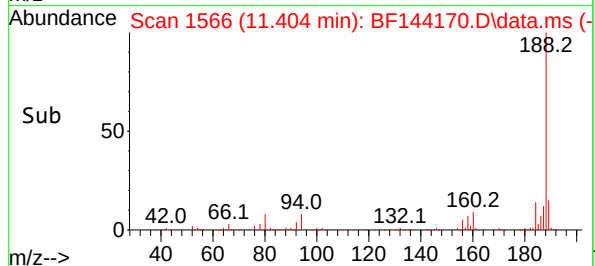
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

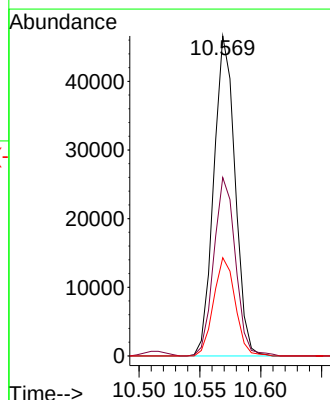
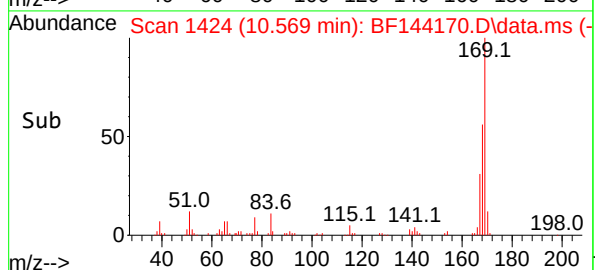
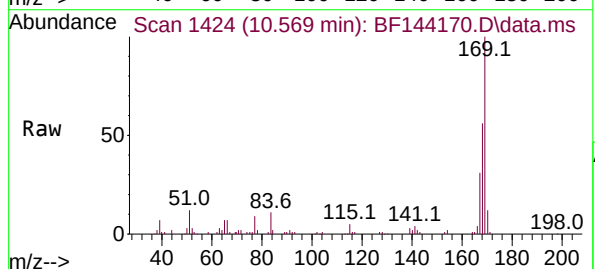
Manual Integrations
APPROVED

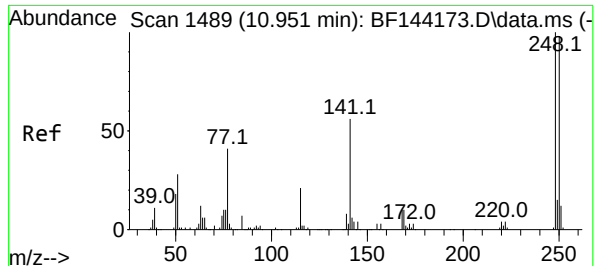
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

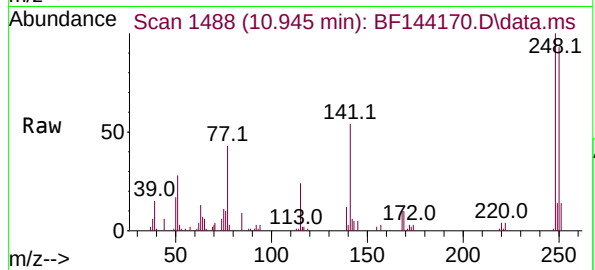
Tgt Ion:169 Resp: 56733
Ion Ratio Lower Upper
169 100
168 55.7 46.2 69.2
167 30.7 25.7 38.5





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

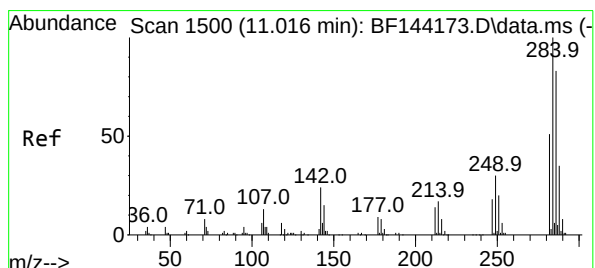
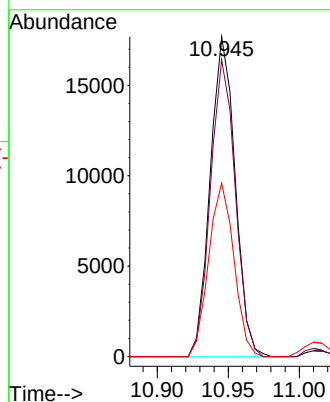
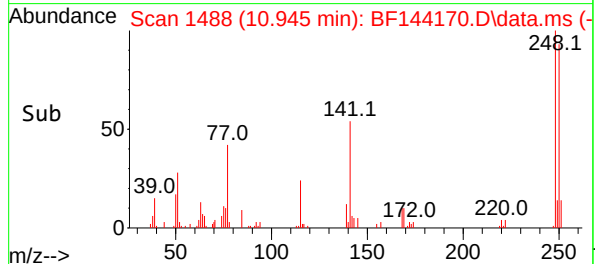
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



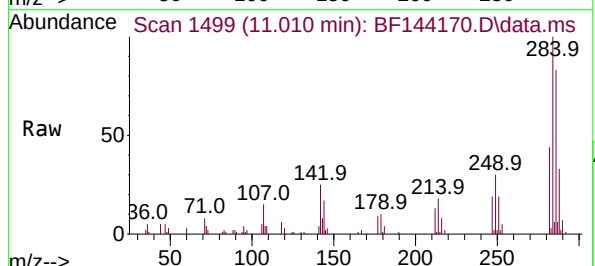
Tgt Ion:248 Resp: 2154
Ion Ratio Lower Upper
248 100
250 92.8 78.4 117.6
141 54.2 45.1 67.7

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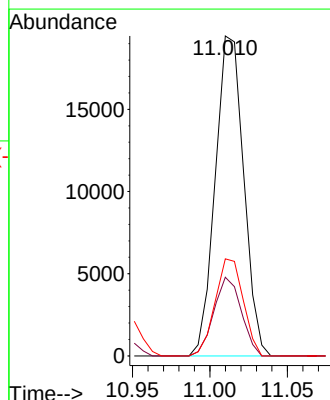
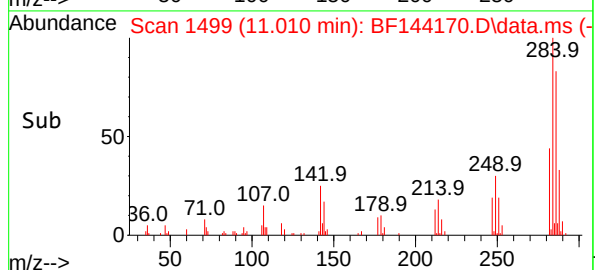
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

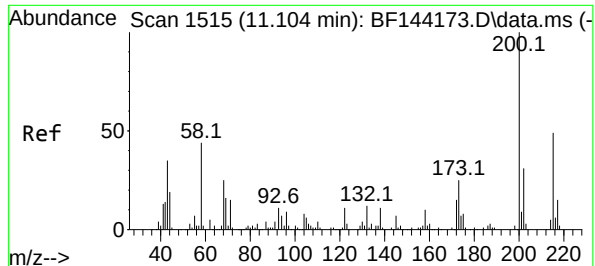


#68
Hexachlorobenzene
Concen: 5.082 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



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





#69

Atrazine

Concen: 5.253 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 17546

Ion Ratio Lower Upper

200 100

173 29.3 5.0 45.0

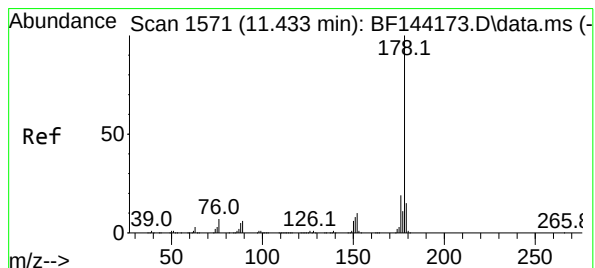
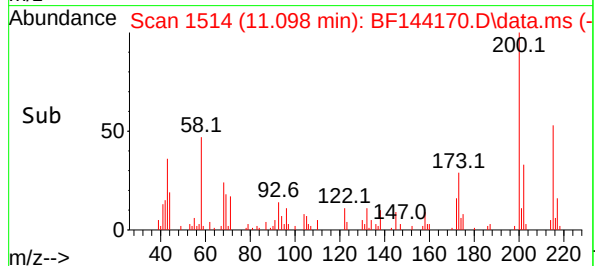
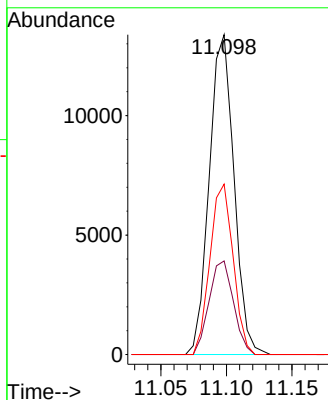
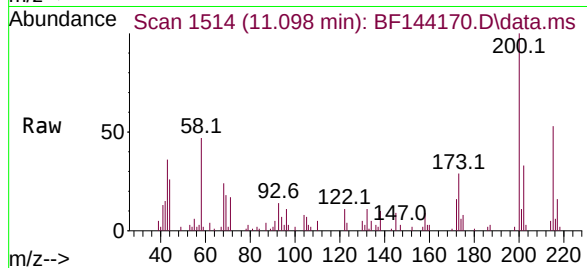
215 53.3 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#71

Phenanthrene

Concen: 5.537 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

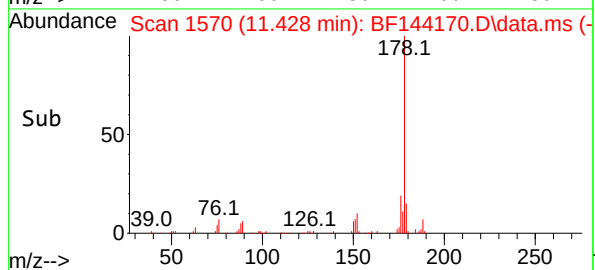
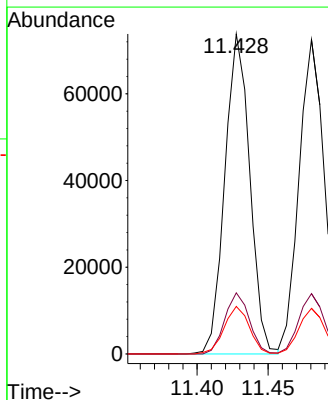
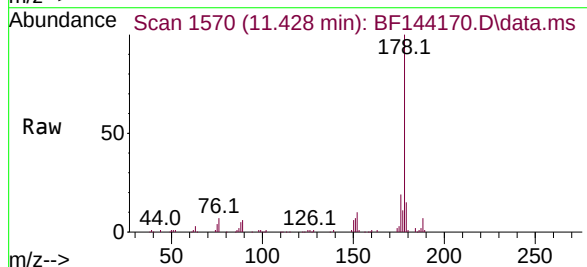
Tgt Ion:178 Resp: 90035

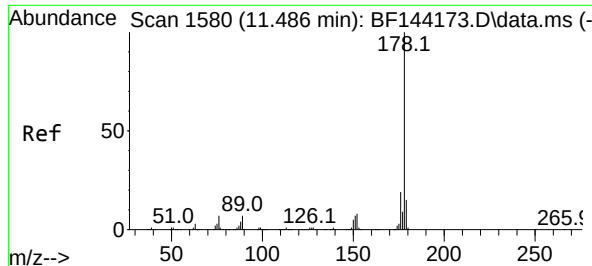
Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 14.8 12.2 18.4





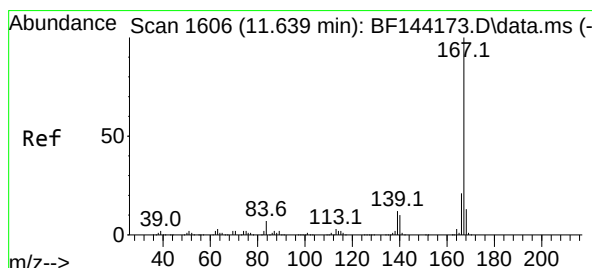
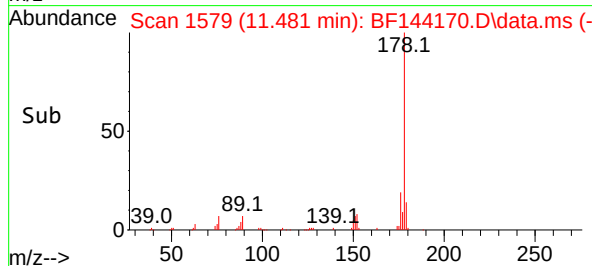
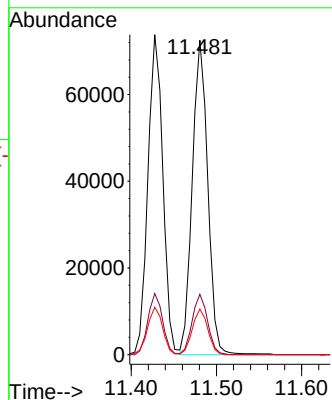
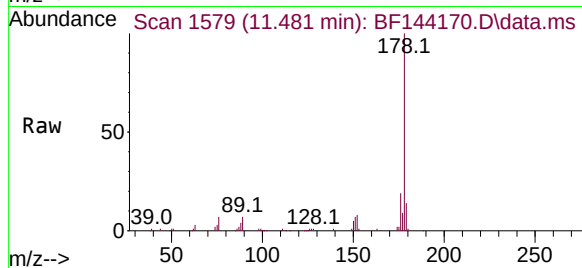
#72
 Anthracene
 Concen: 5.529 ng
 RT: 11.481 min Scan# 11416
 Delta R.T. -0.006 min
 Lab File: BF144170.D
 Acq: 05 Nov 2025 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

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

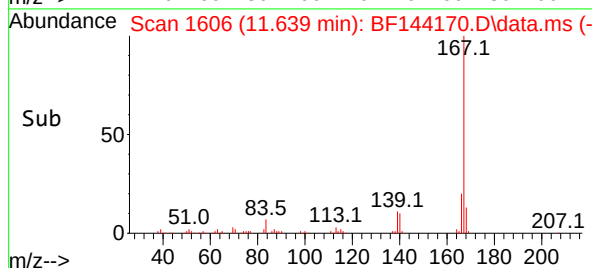
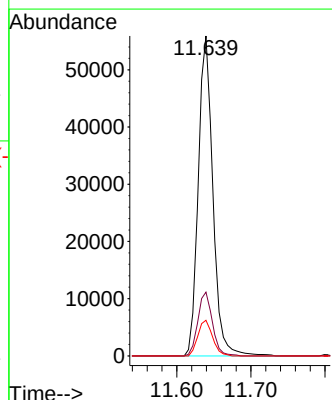
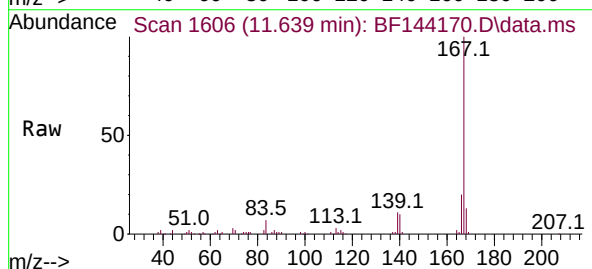
Manual Integrations
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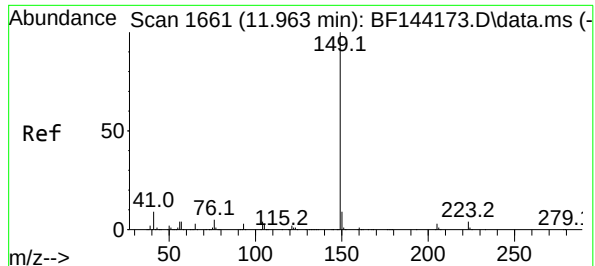
Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025



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

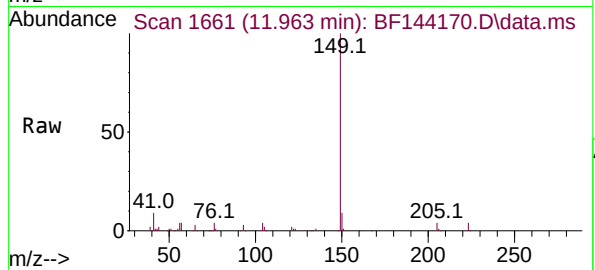
Tgt Ion:167 Resp: 76605
 Ion Ratio Lower Upper
 167 100
 166 19.9 17.2 25.8
 139 11.1 9.9 14.9





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

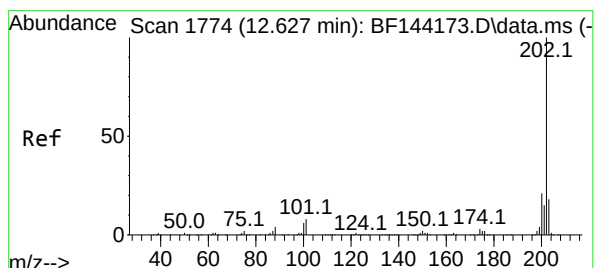
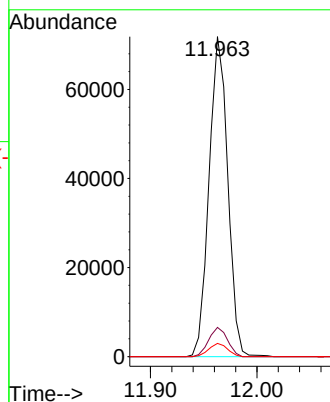
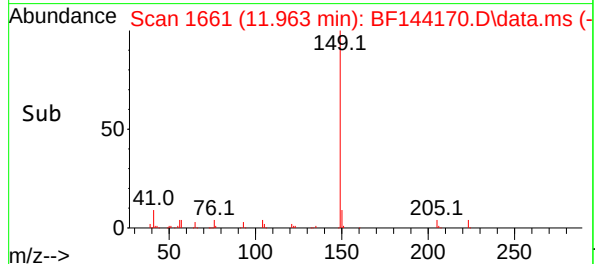
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



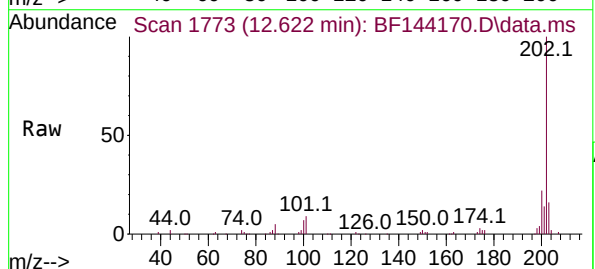
Tgt Ion:149 Resp: 8775
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.1 3.4 5.2

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APPROVED

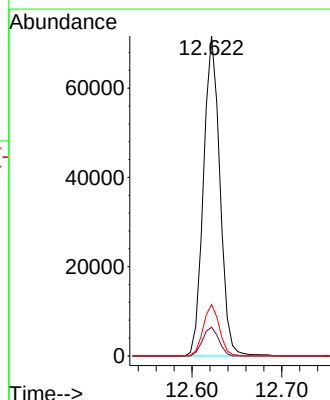
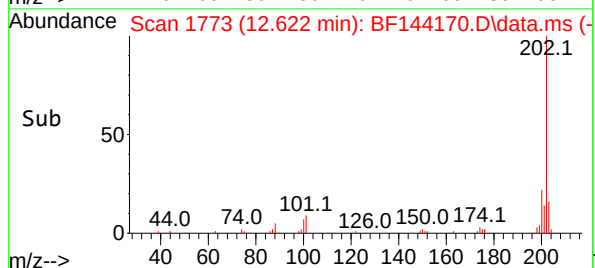
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

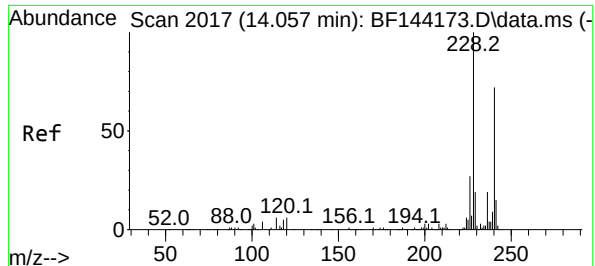


#75
Fluoranthene
Concen: 5.430 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:240 Resp: 215706

Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

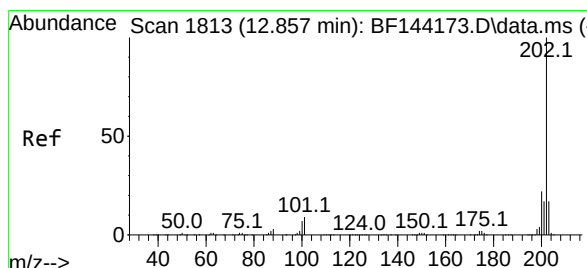
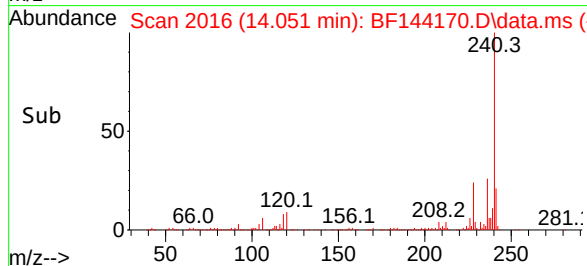
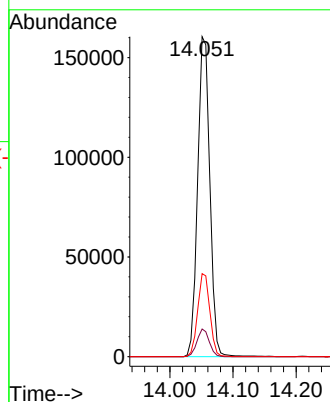
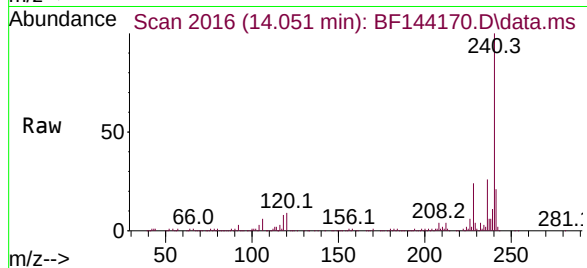
236 25.9 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#78

Pyrene

Concen: 5.465 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

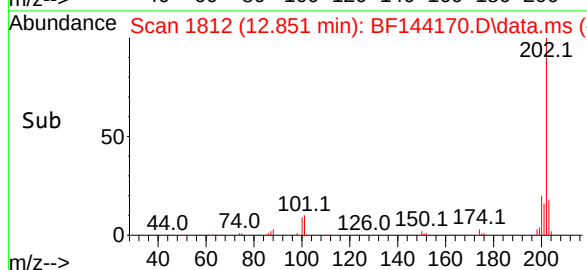
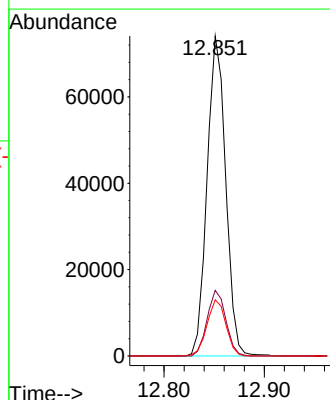
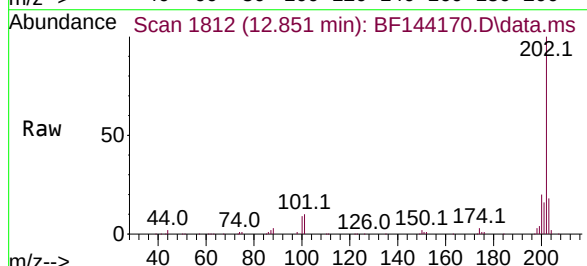
Tgt Ion:202 Resp: 95053

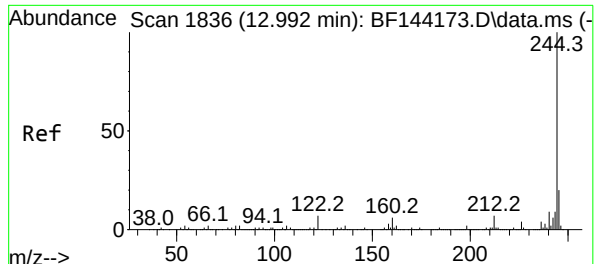
Ion Ratio Lower Upper

202 100

200 20.5 17.2 25.8

203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 11.145 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:244 Resp: 15134

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

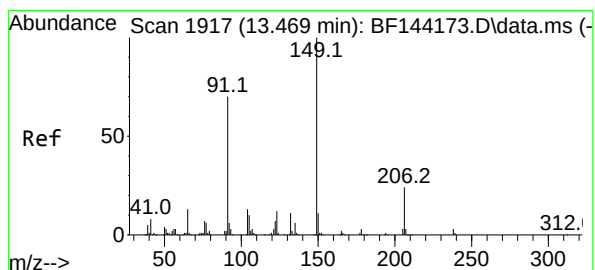
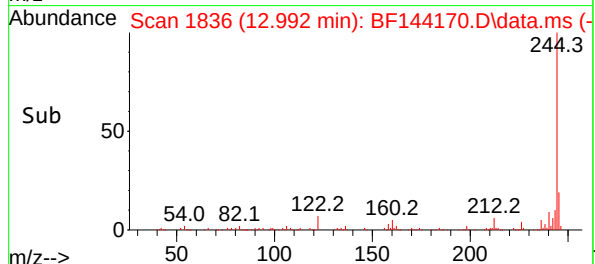
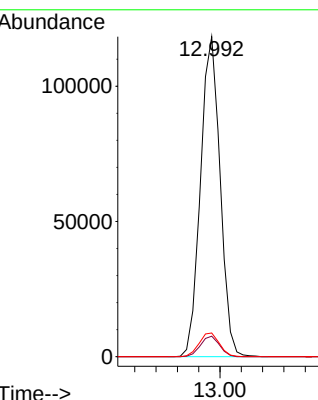
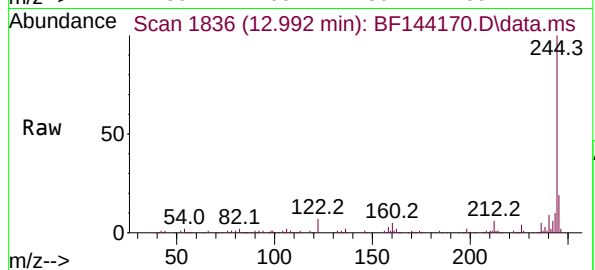
122 7.4 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#80

Butylbenzylphthalate

Concen: 5.056 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

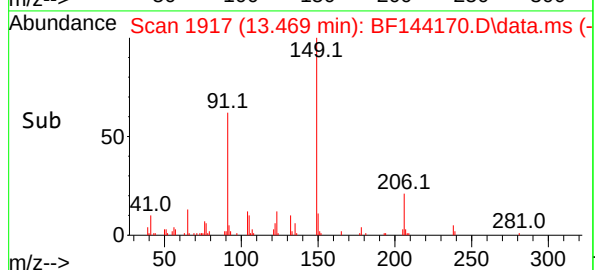
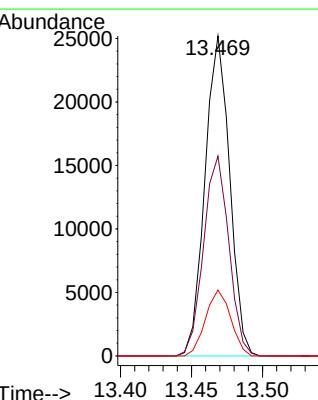
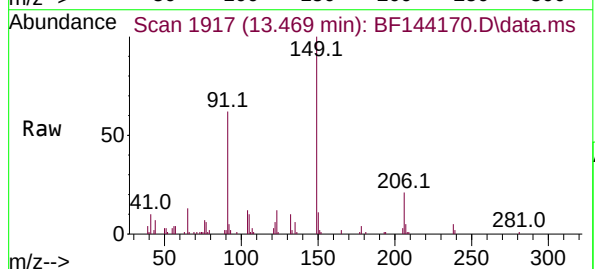
Tgt Ion:149 Resp: 30478

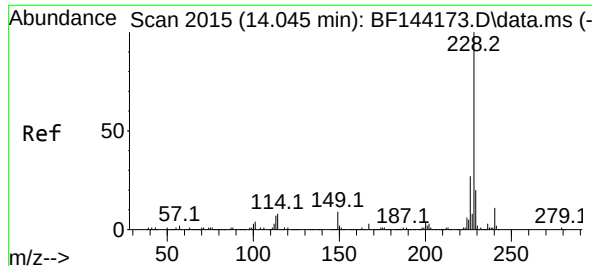
Ion Ratio Lower Upper

149 100

91 62.4 56.1 84.1

206 20.6 18.8 28.2





#81

Benzo(a)anthracene

Concen: 5.249 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144170.D

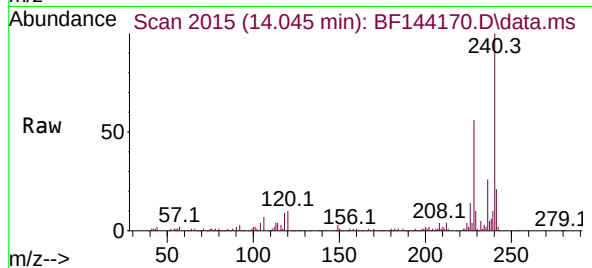
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:228 Resp: 78472

Ion Ratio Lower Upper

228 100

226 25.0 21.8 32.8

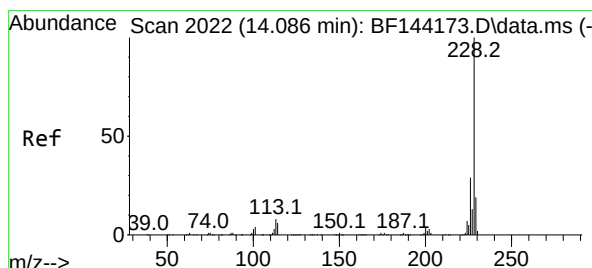
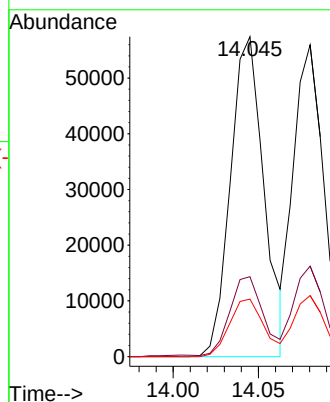
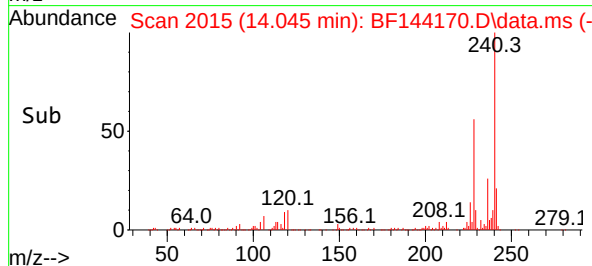
229 18.0 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#83

Chrysene

Concen: 4.986 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

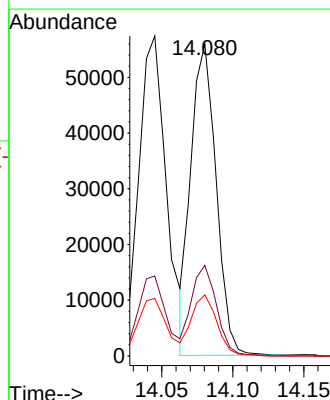
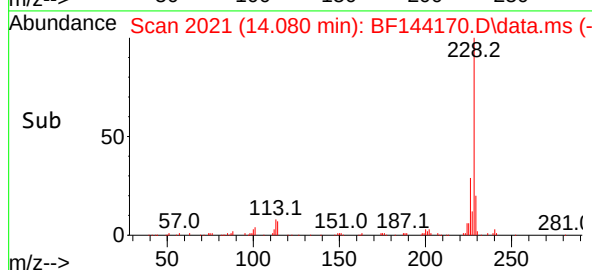
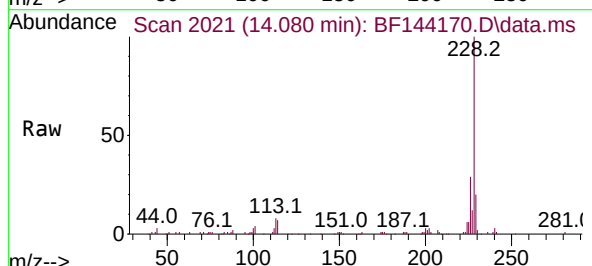
Tgt Ion:228 Resp: 68808

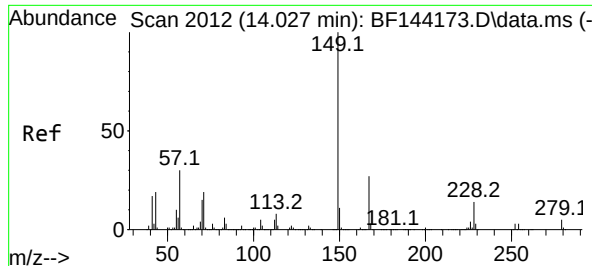
Ion Ratio Lower Upper

228 100

226 29.1 22.9 34.3

229 19.6 15.0 22.6





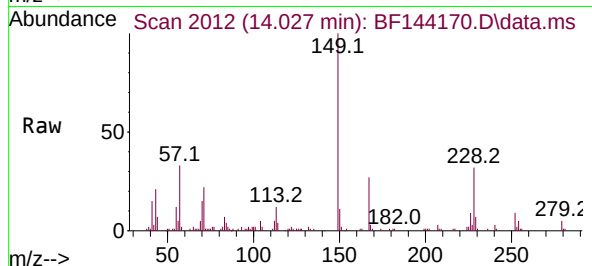
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.054 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

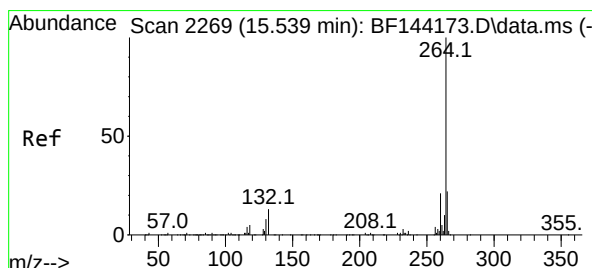
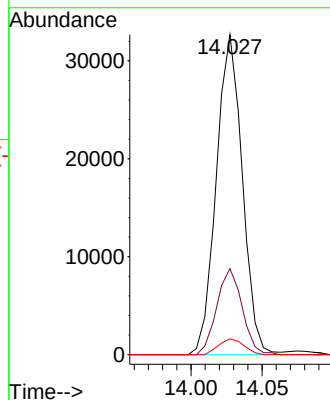
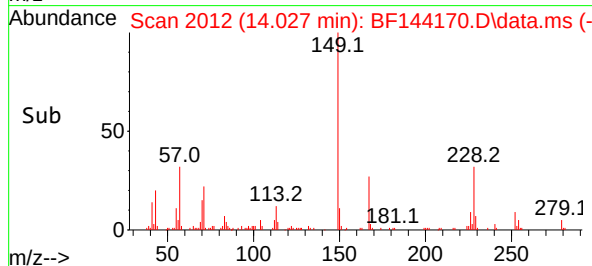


Tgt Ion:149 Resp: 41706
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.9 3.7 5.5

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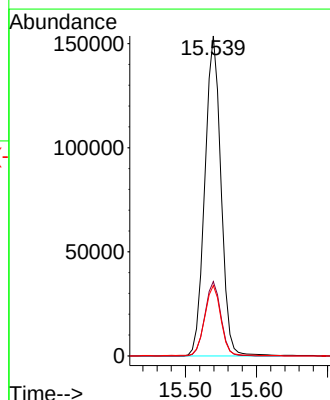
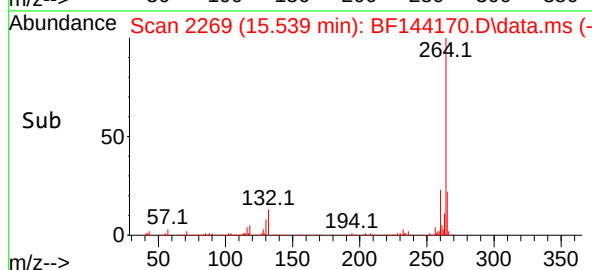
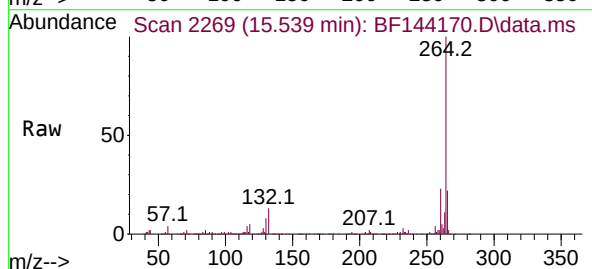
APPROVED

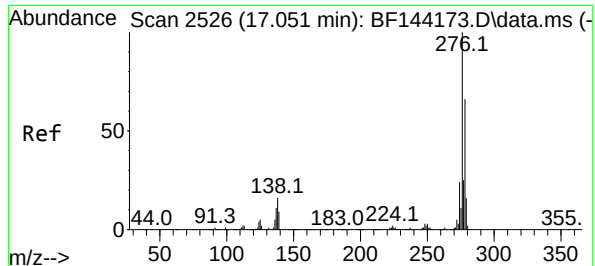
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

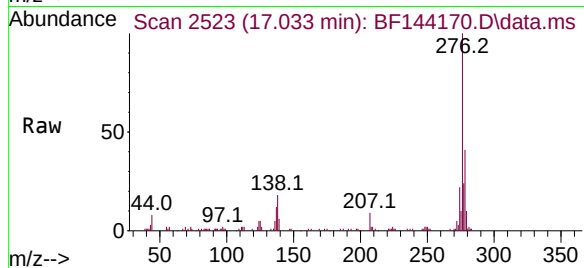
Tgt Ion:264 Resp: 241361
Ion Ratio Lower Upper
264 100
260 23.2 17.1 25.7
265 22.0 17.4 26.0





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

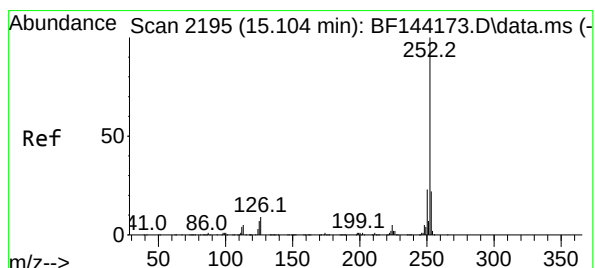
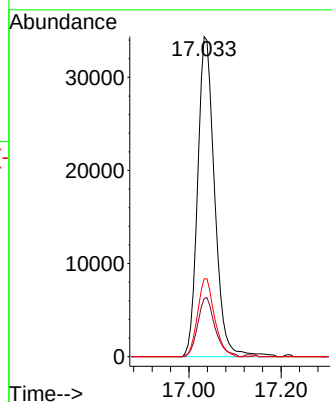
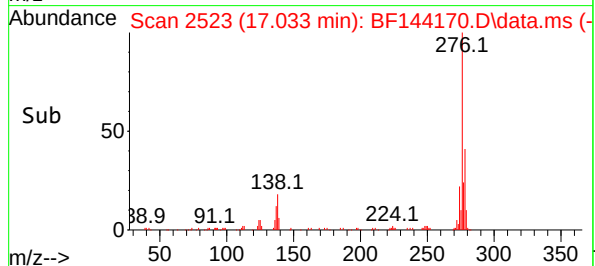
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

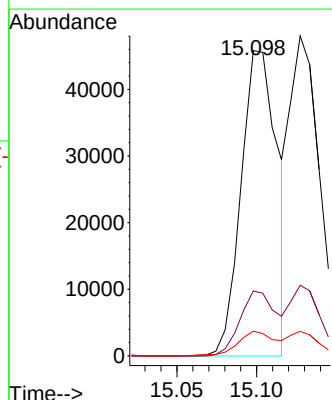
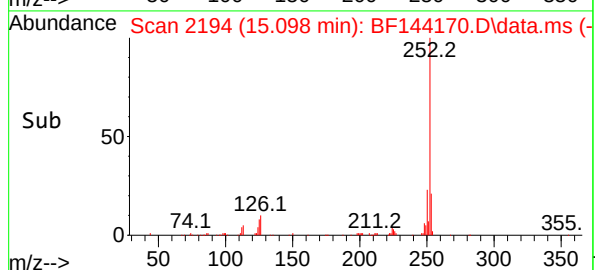
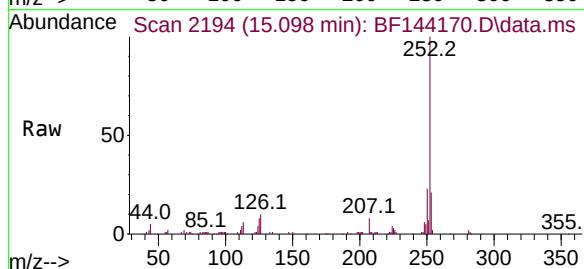
Manual Integrations
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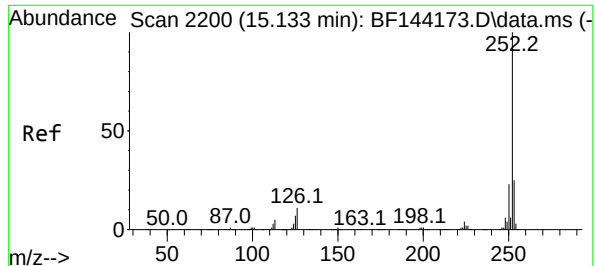
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



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

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





#89

Benzo(k)fluoranthene

Concen: 5.060 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

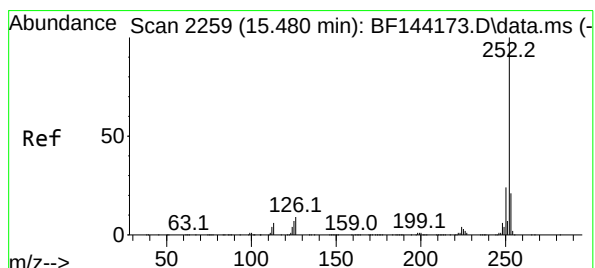
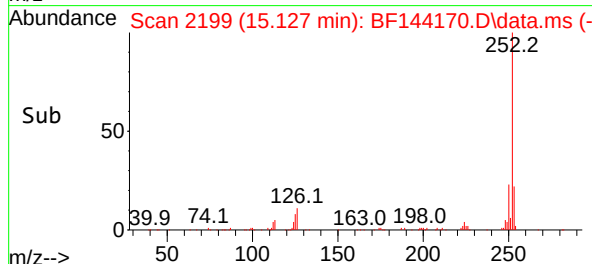
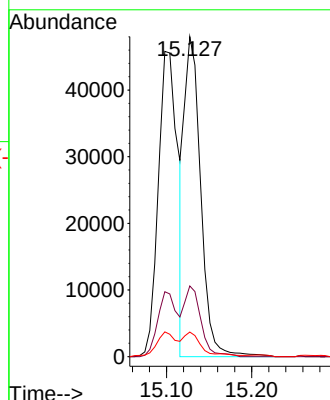
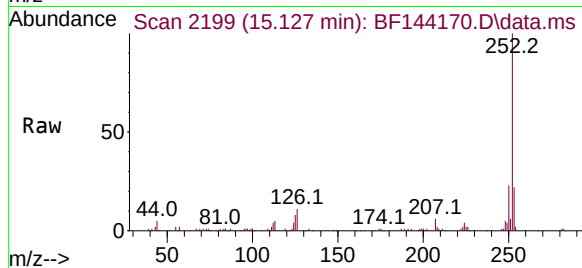
Tgt Ion:	252	Resp:	64984
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	7.7	5.4	8.2

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#90

Benzo(a)pyrene

Concen: 5.071 ng

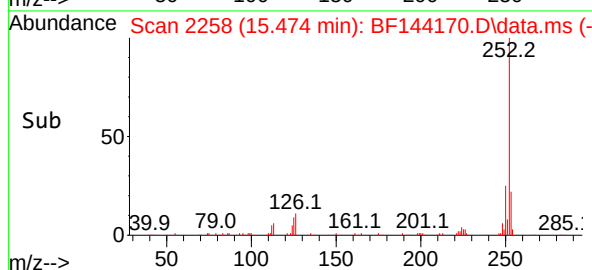
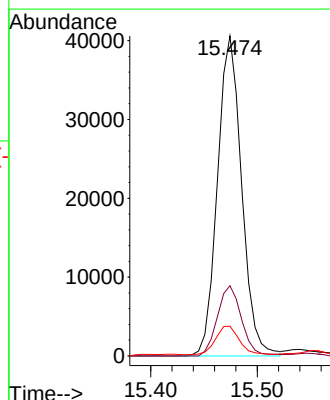
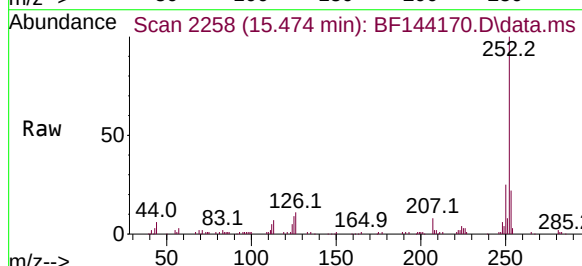
RT: 15.474 min Scan# 2258

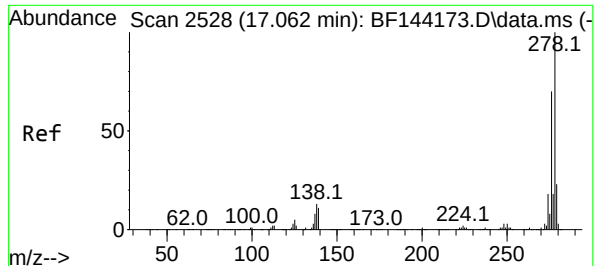
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

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





#91

Dibenzo(a,h)anthracene

Concen: 5.010 ng

RT: 17.051 min Scan# 2528

Delta R.T. -0.029 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:278 Resp: 69714

Ion Ratio Lower Upper

278 100

139 11.7 9.1 13.7

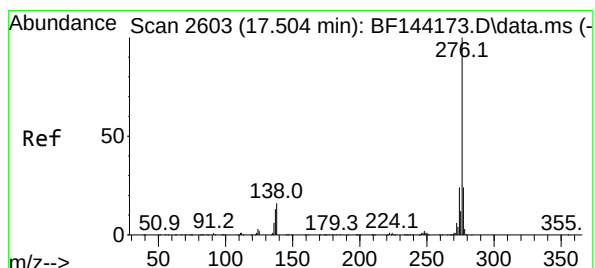
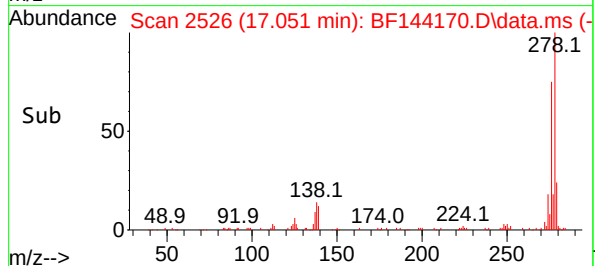
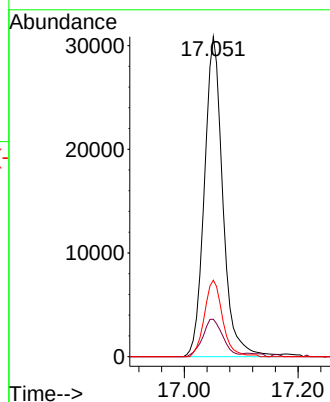
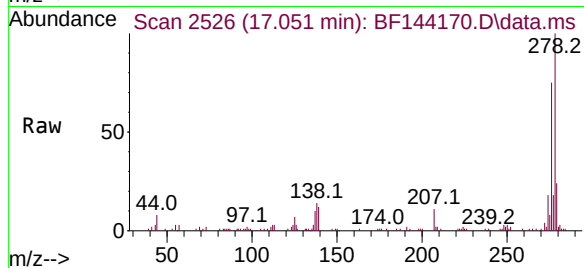
279 23.9 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#92

Benzo(g,h,i)perylene

Concen: 4.810 ng

RT: 17.492 min Scan# 2601

Delta R.T. -0.029 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

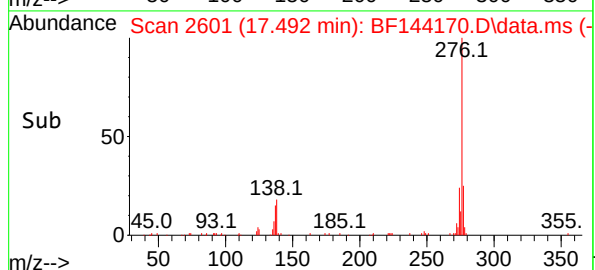
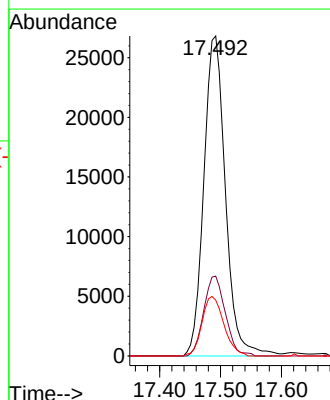
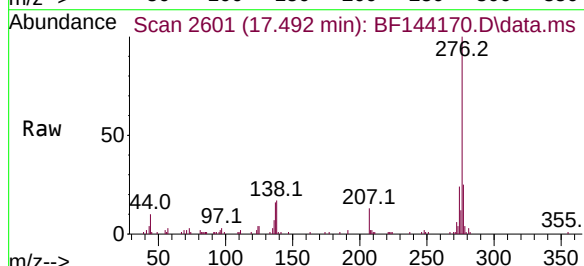
Tgt Ion:276 Resp: 66099

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.4

138 17.4 12.9 19.3



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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

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

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

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

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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

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

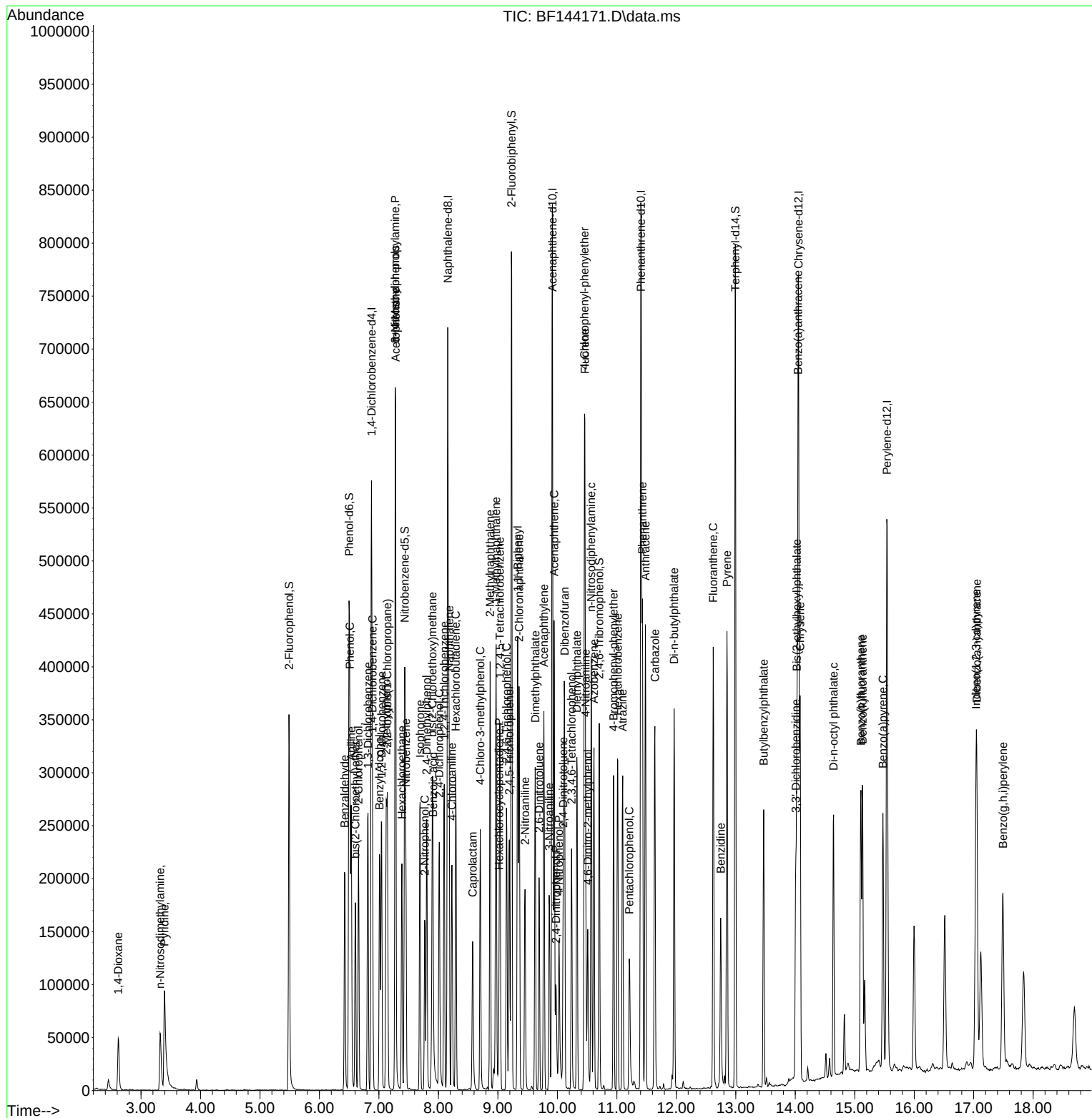
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	63779	10.160	ng	98
46) 1,1'-Biphenyl	9.334	154	188739	10.355	ng	99
47) 2-Chloronaphthalene	9.357	162	158745	10.211	ng	100
48) 2-Nitroaniline	9.457	65	45323	10.104	ng	97
49) Acenaphthylene	9.775	152	220118	10.390	ng	99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

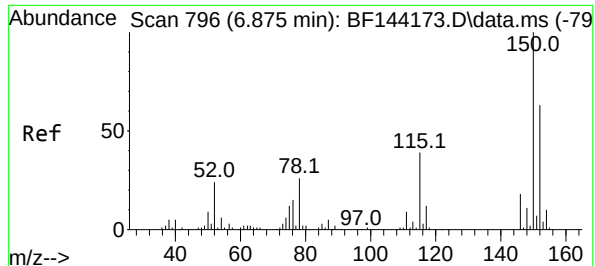
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF144171.D
Acq On : 05 Nov 2025 13:50
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

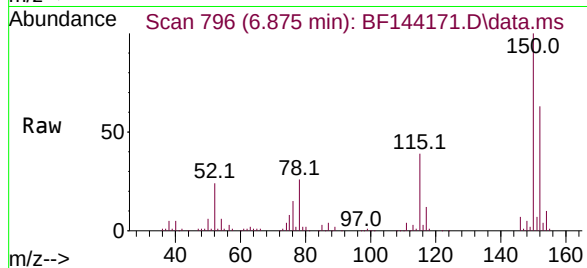
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



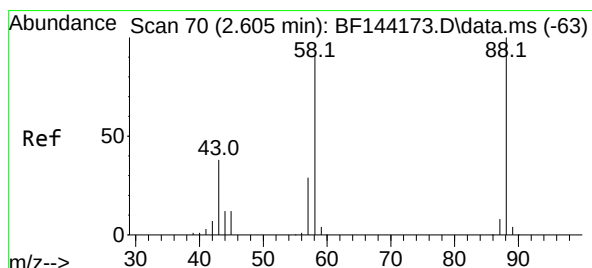
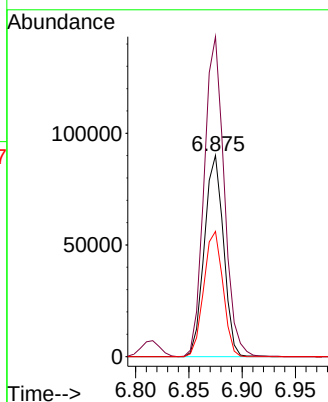
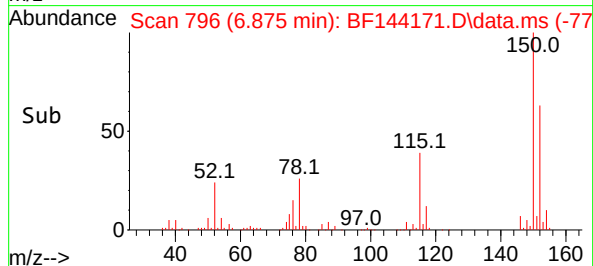


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

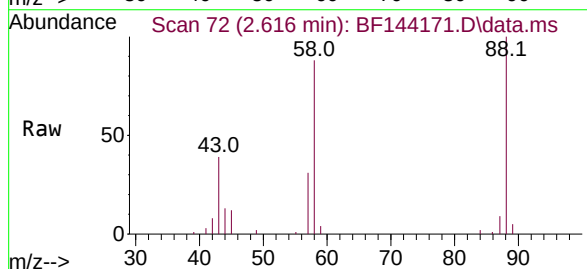
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



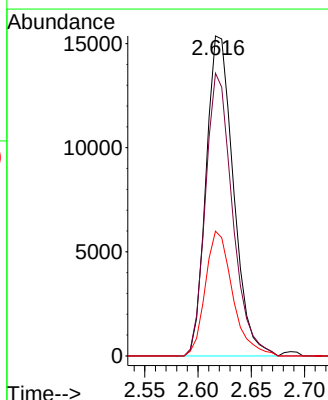
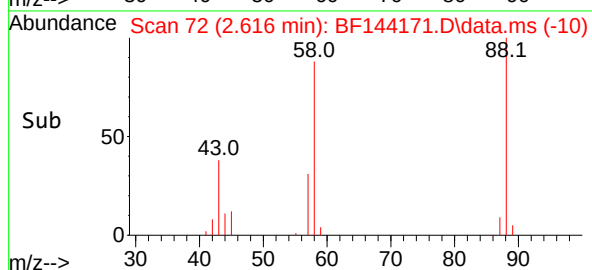
Tgt Ion:152 Resp: 112609
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.0
115 62.3 49.5 74.3

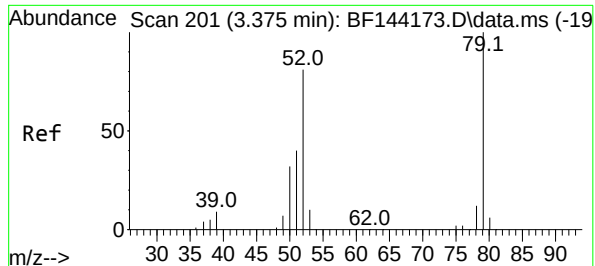


#2
1,4-Dioxane
Concen: 9.214 ng
RT: 2.616 min Scan# 72
Delta R.T. 0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50



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

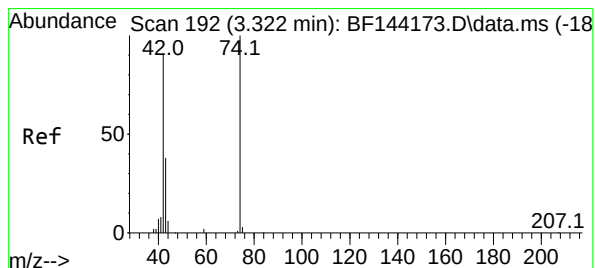
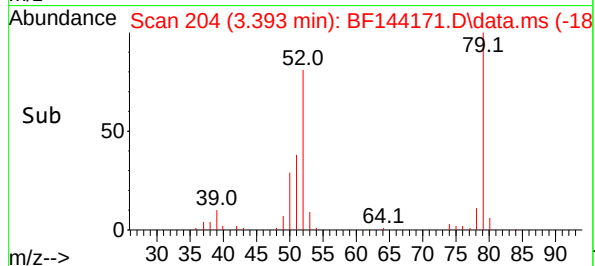
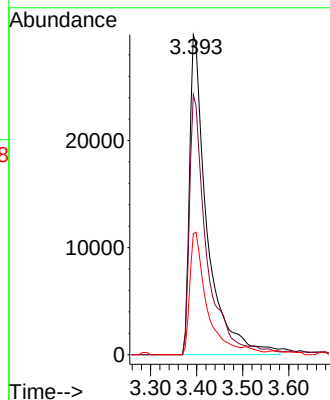
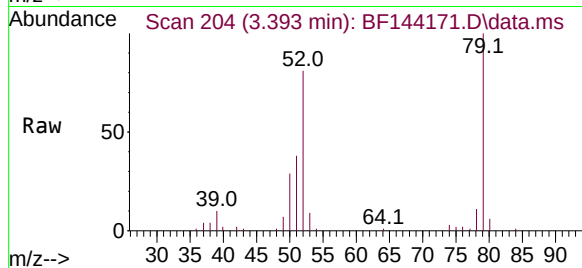




#3
Pyridine
Concen: 9.536 ng
RT: 3.393 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

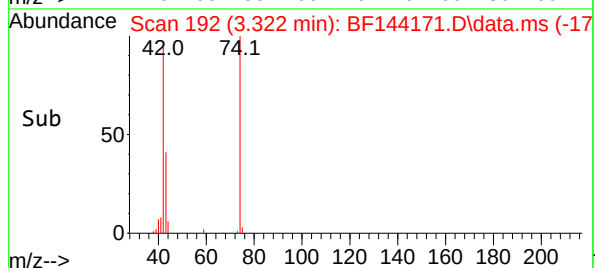
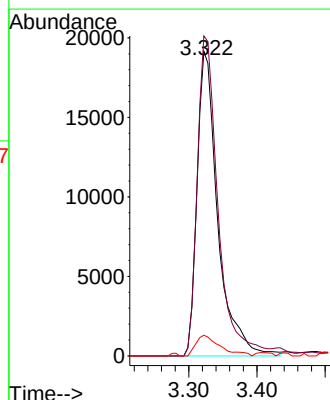
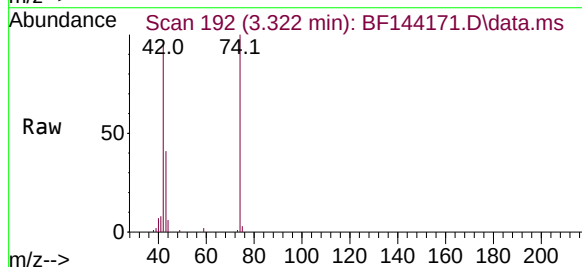
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

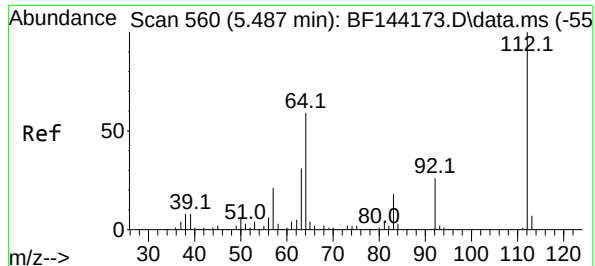
Tgt Ion	Ratio	Lower	Upper
79	100		
52	81.3	64.5	96.7
51	37.8	31.7	47.5



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

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

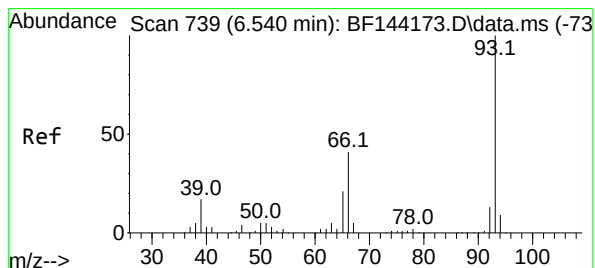
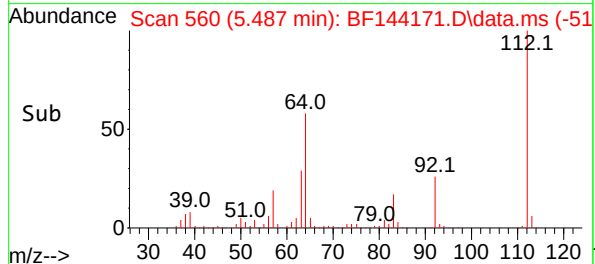
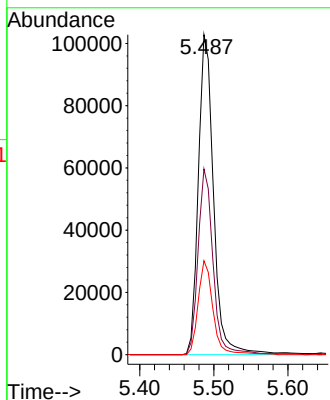
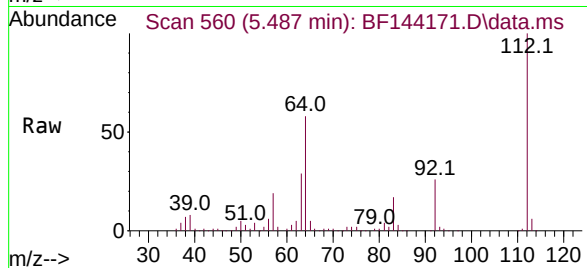




#5
2-Fluorophenol
Concen: 20.391 ng
RT: 5.487 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

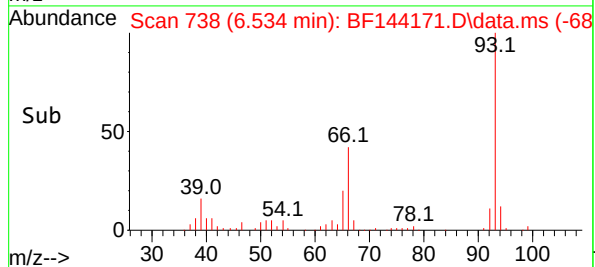
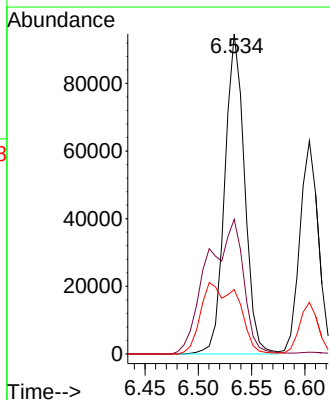
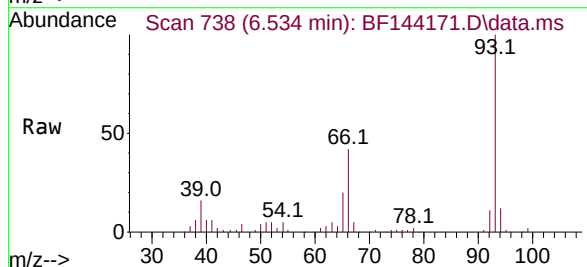
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

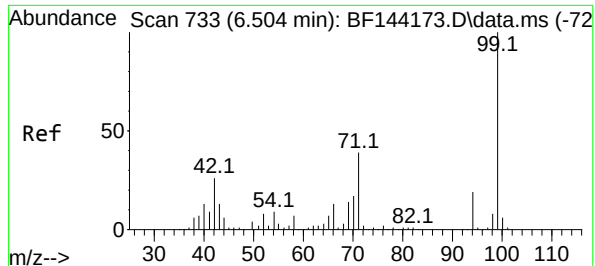
Tgt Ion:112 Resp: 146731
Ion Ratio Lower Upper
112 100
64 58.0 47.2 70.8
63 29.3 24.4 36.6



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

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





#7

Phenol-d6

Concen: 20.963 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

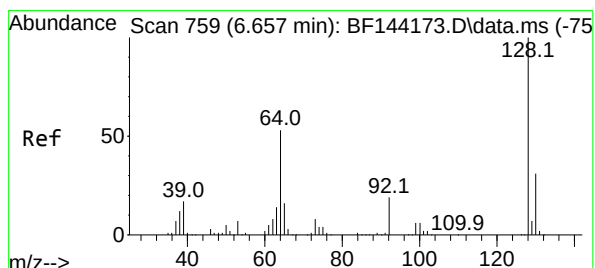
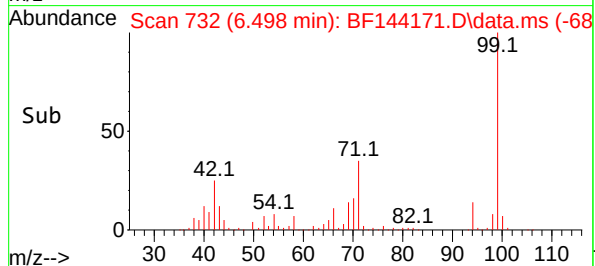
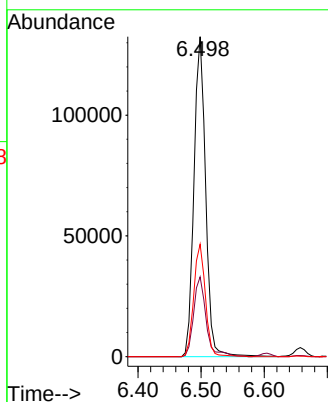
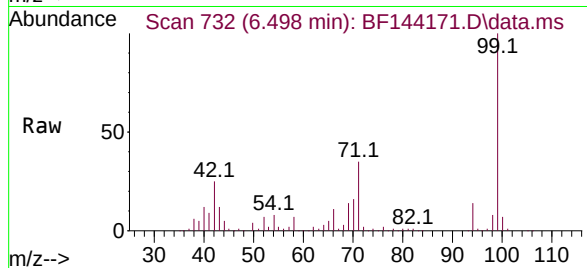
Tgt Ion: 99 Resp: 170929

Ion Ratio Lower Upper

99 100

42 24.9 20.9 31.3

71 35.1 31.4 47.2



#8

2-Chlorophenol

Concen: 10.448 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

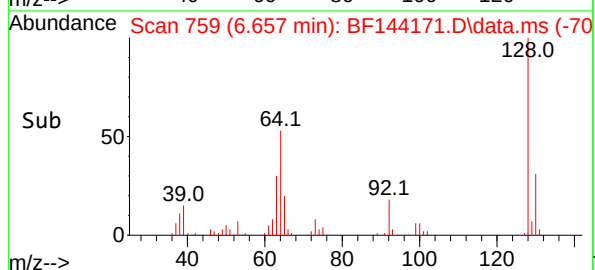
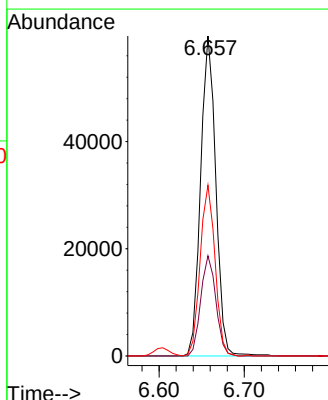
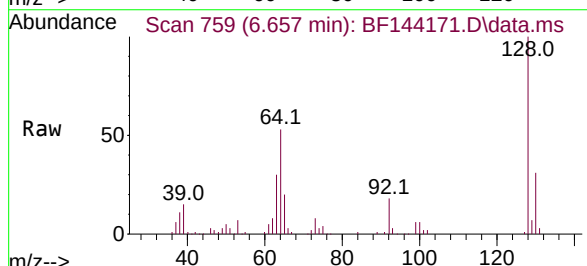
Tgt Ion: 128 Resp: 73729

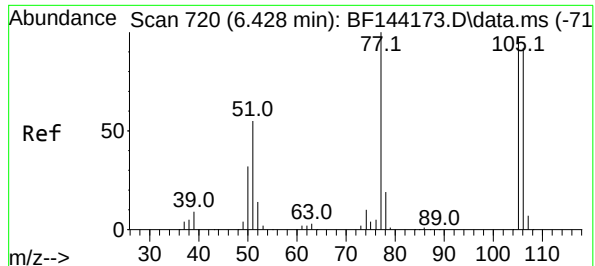
Ion Ratio Lower Upper

128 100

130 31.3 10.5 50.5

64 53.3 33.2 73.2





#9
Benzaldehyde

Concen: 12.629 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

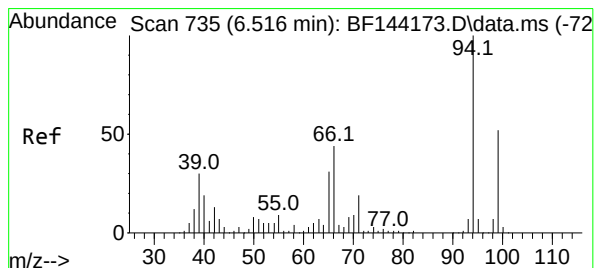
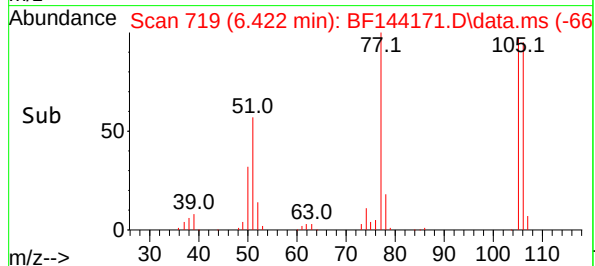
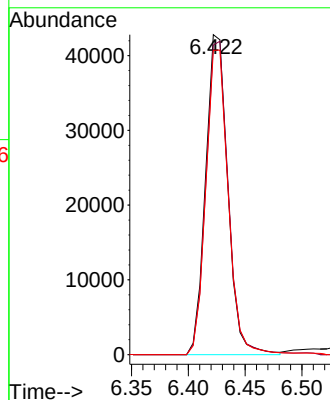
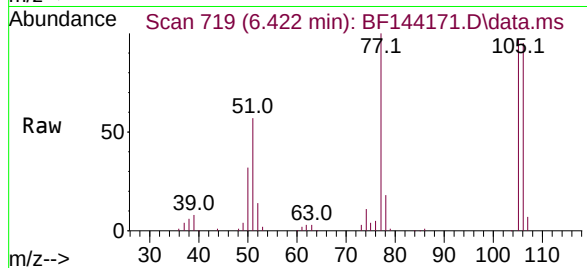
Tgt Ion: 77 Resp: 58146

Ion Ratio Lower Upper

77 100

105 96.7 77.2 117.2

106 95.1 72.2 112.2



#10

Phenol

Concen: 10.717 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.018 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

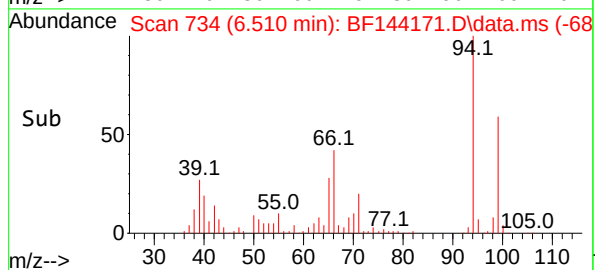
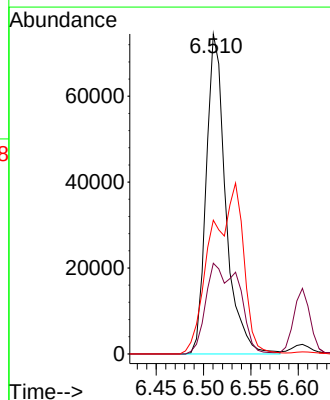
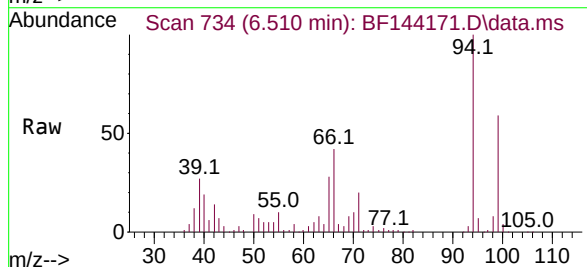
Tgt Ion: 94 Resp: 106765

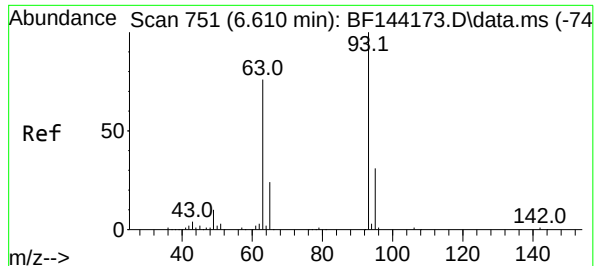
Ion Ratio Lower Upper

94 100

65 28.3 10.8 50.8

66 41.8 24.3 64.3

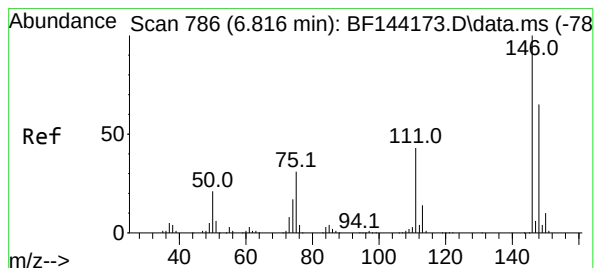
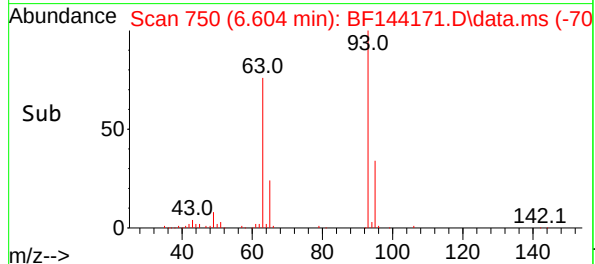
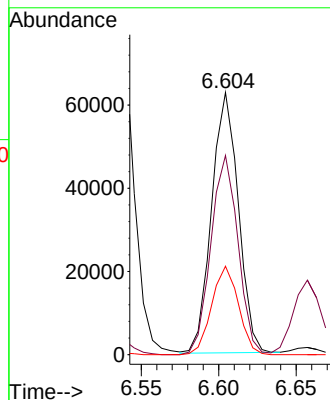
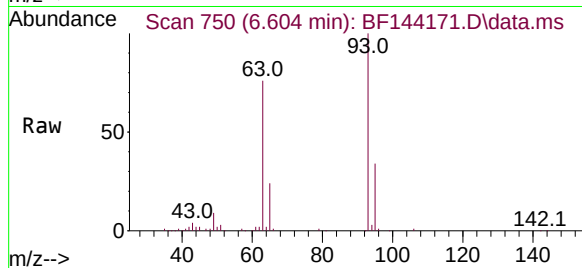




#11
bis(2-Chloroethyl)ether
Concen: 10.342 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

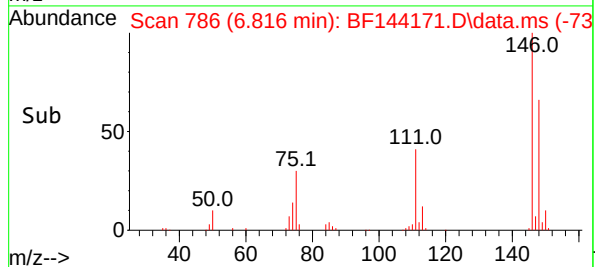
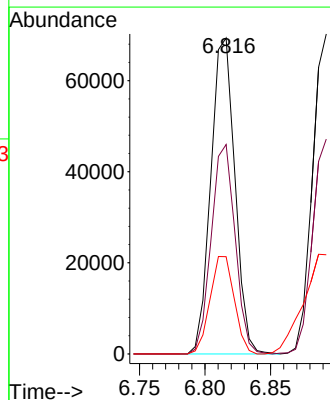
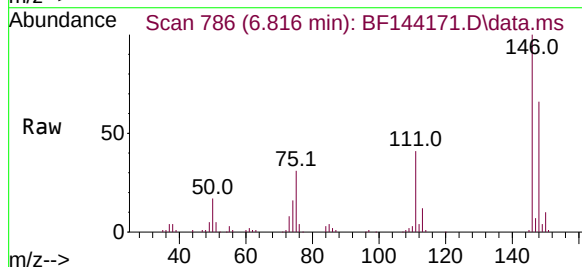
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

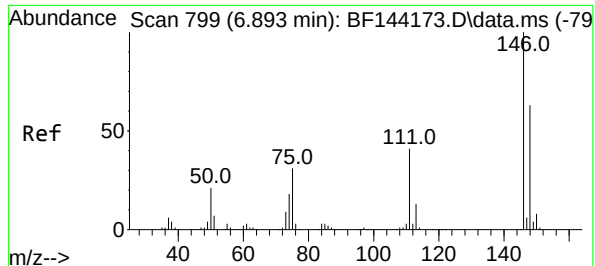
Tgt Ion:	93	Resp:	75075
Ion	Ratio	Lower	Upper
93	100		
63	75.9	55.2	95.2
95	33.7	11.2	51.2



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

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





#13

1,4-Dichlorobenzene

Concen: 10.085 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

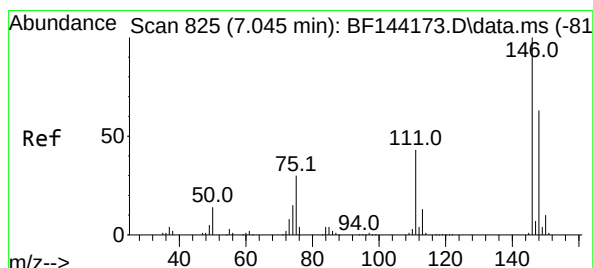
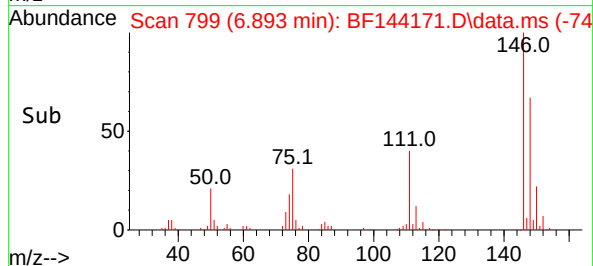
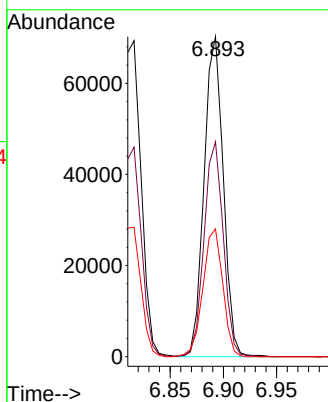
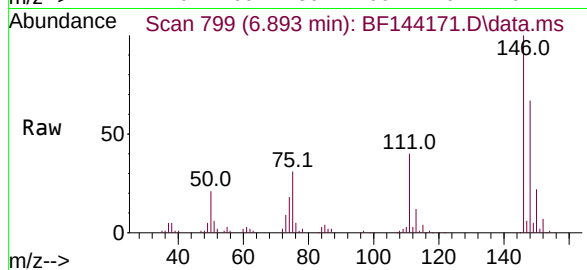
Tgt Ion:146 Resp: 87984

Ion Ratio Lower Upper

146 100

148 67.1 50.2 75.2

111 39.9 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 10.165 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

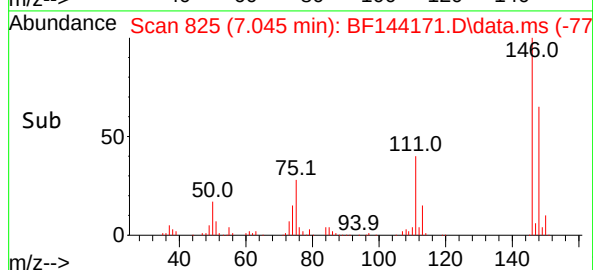
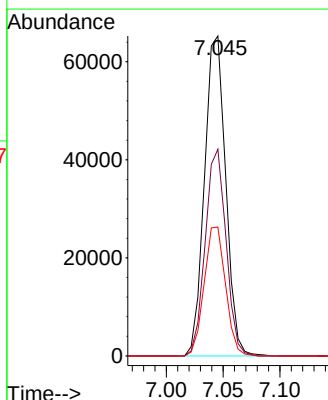
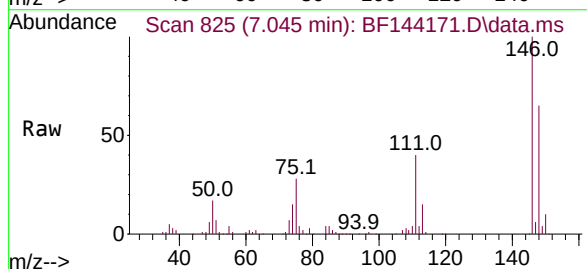
Tgt Ion:146 Resp: 84997

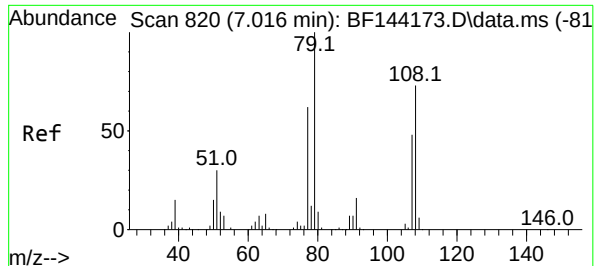
Ion Ratio Lower Upper

146 100

148 64.6 50.7 76.1

111 40.3 34.2 51.4

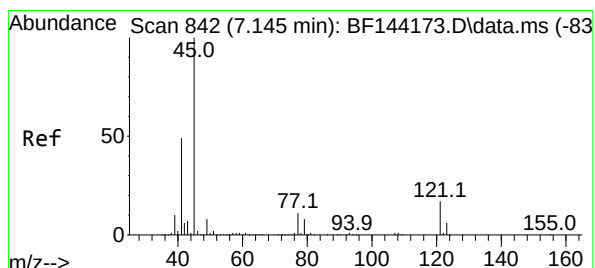
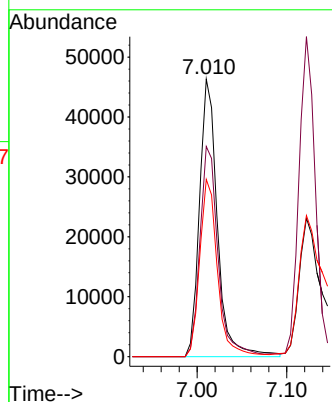
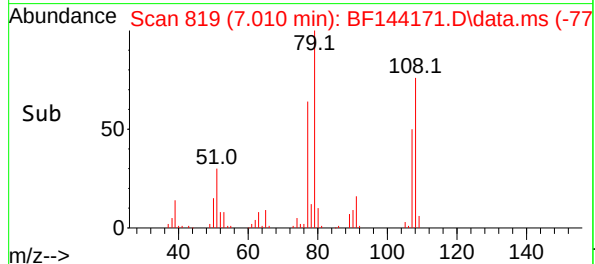
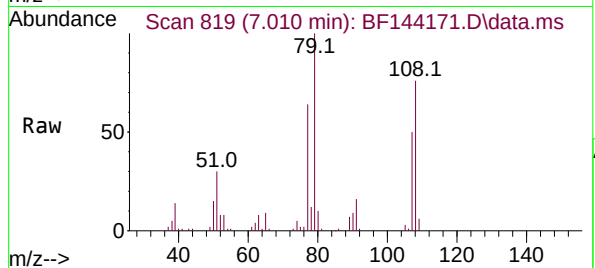




#15
Benzyl Alcohol
Concen: 9.937 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

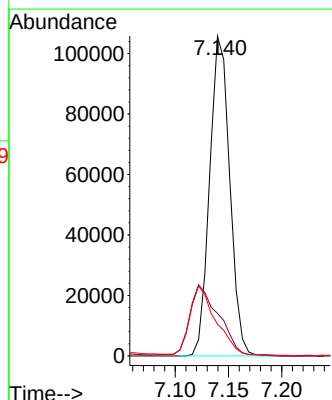
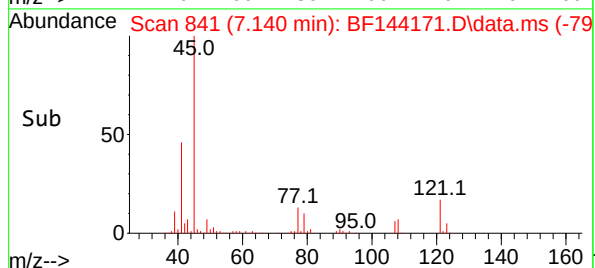
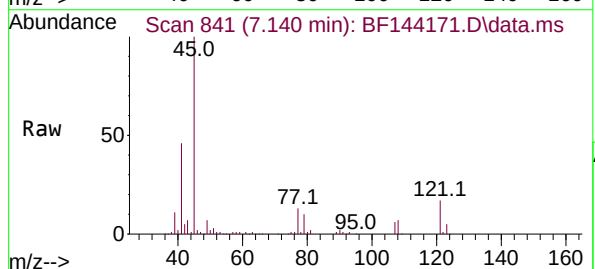
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

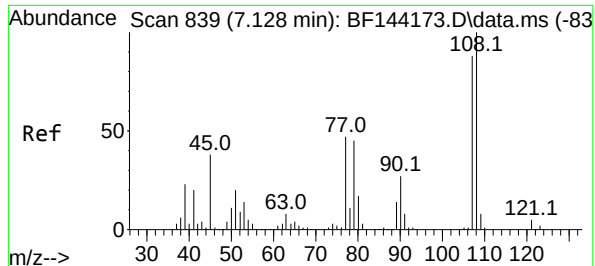
Tgt Ion: 79 Resp: 64160
Ion Ratio Lower Upper
79 100
108 75.8 58.2 87.4
77 63.8 49.9 74.9



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

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

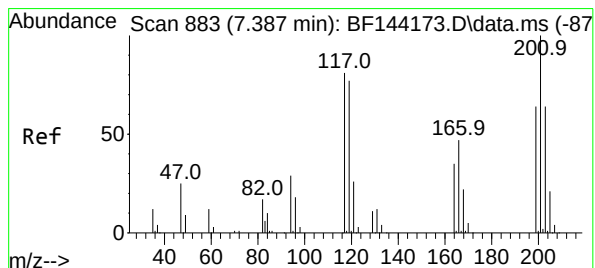
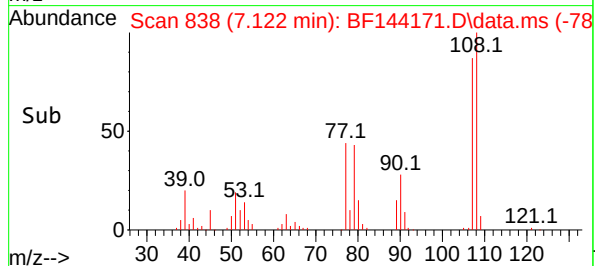
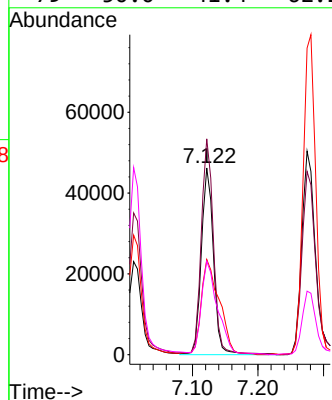
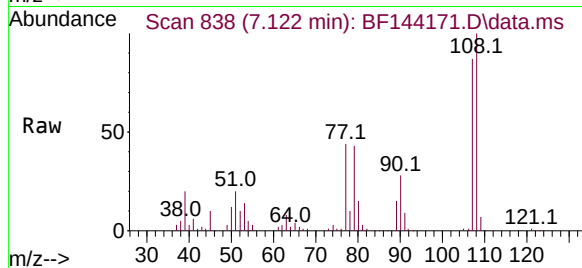




#17
2-Methylphenol
Concen: 10.575 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

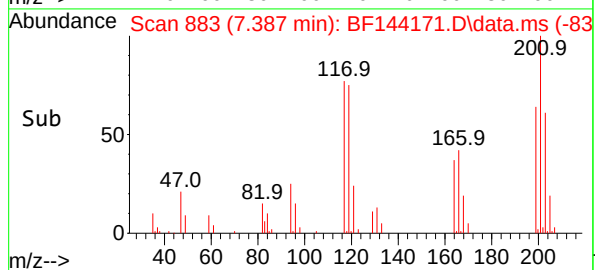
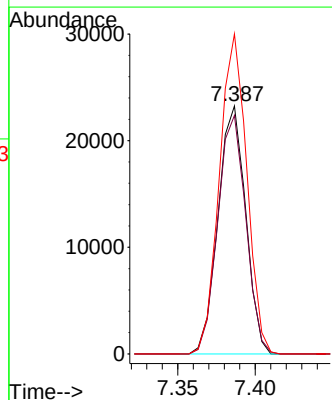
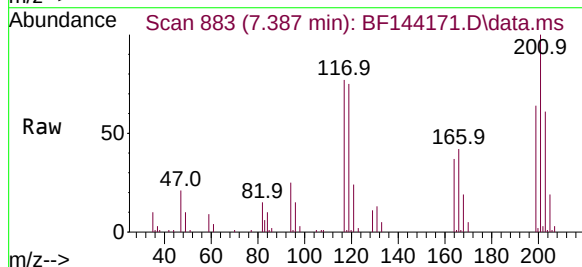
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

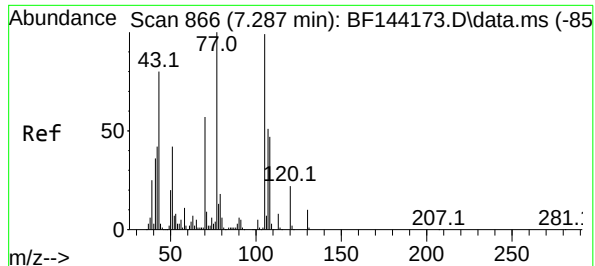
Tgt Ion:	107	Resp:	59368
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.0	136.4
77	51.0	42.7	64.1
79	50.0	41.4	62.2



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

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





#19

n-Nitroso-di-n-propylamine

Concen: 10.735 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.023 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 57621

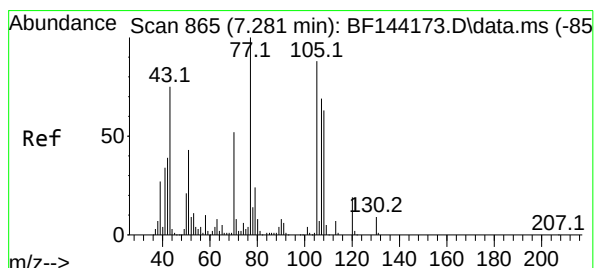
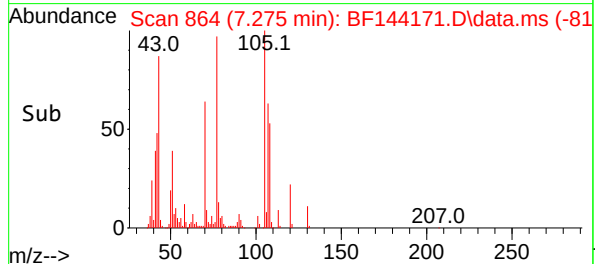
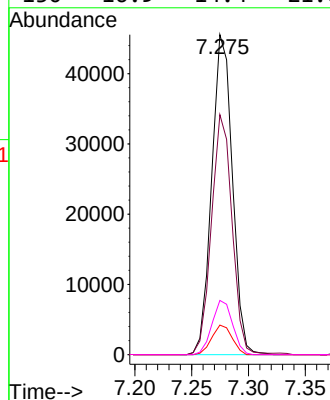
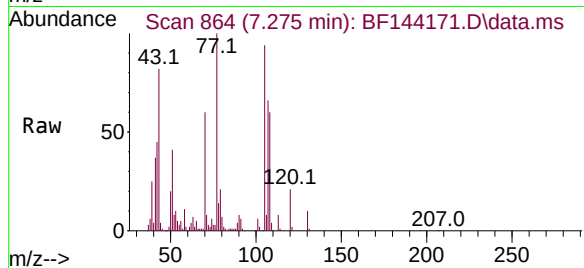
Ion Ratio Lower Upper

70 100

42 75.0 58.3 87.5

101 9.2 7.0 10.6

130 16.9 14.4 21.6



#20

3+4-Methylphenols

Concen: 11.314 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion: 107 Resp: 74874

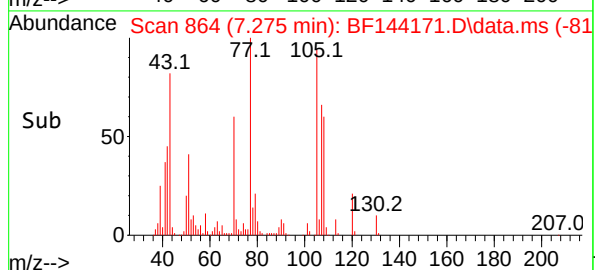
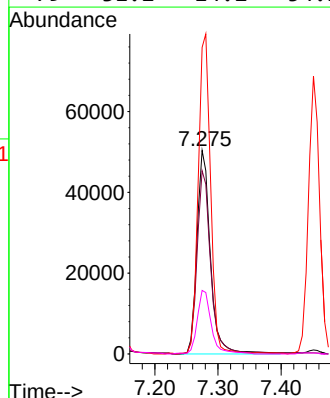
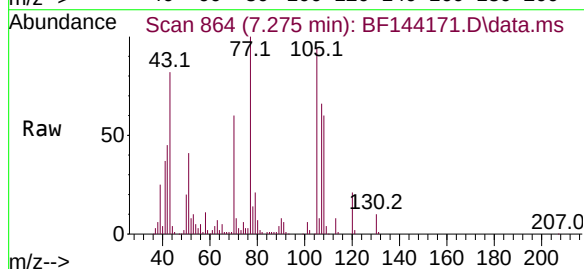
Ion Ratio Lower Upper

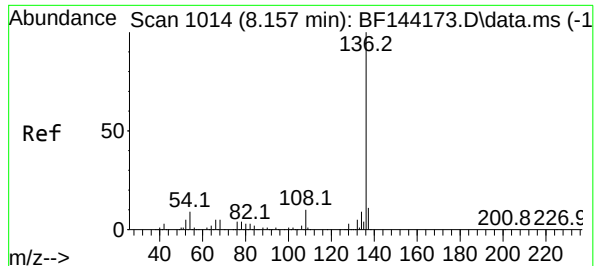
107 100

108 90.0 70.2 110.2

77 150.7 123.9 163.9

79 31.2 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 438512

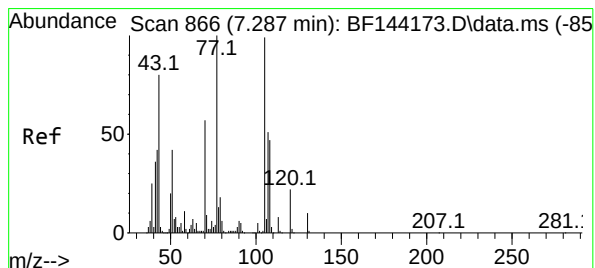
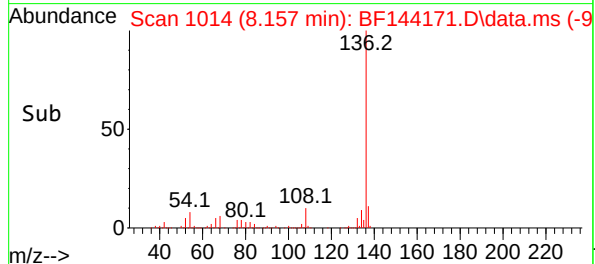
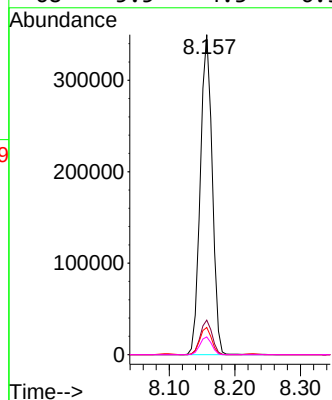
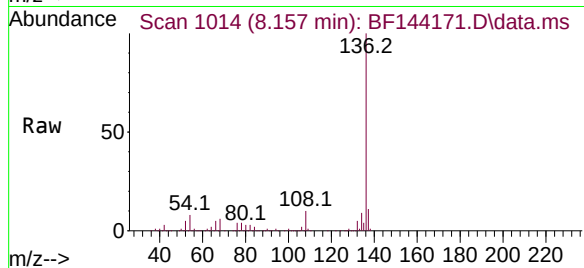
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.5 7.0 10.6

68 5.5 4.3 6.5



#22

Acetophenone

Concen: 10.819 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:105 Resp: 101777

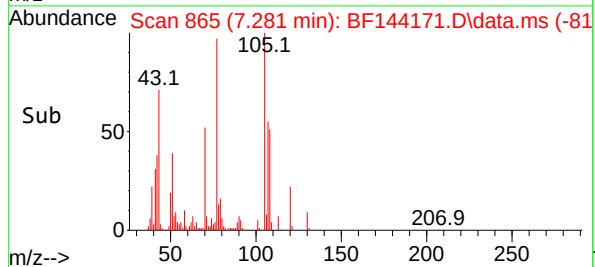
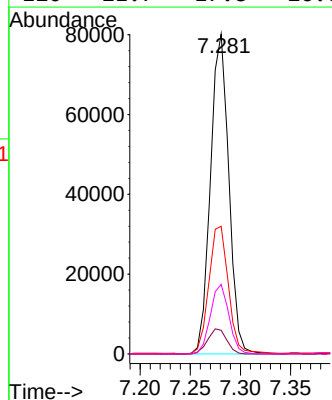
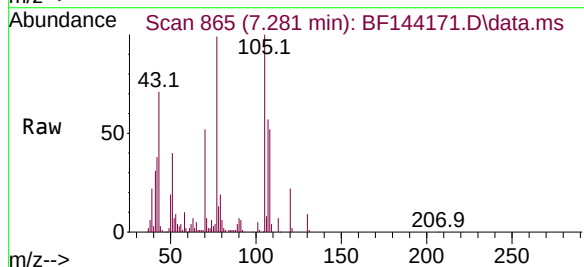
Ion Ratio Lower Upper

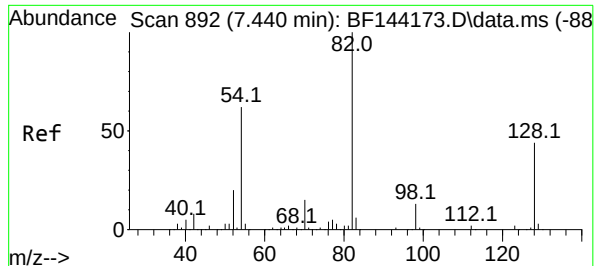
105 100

71 7.4 7.2 10.8

51 39.9 34.0 51.0

120 21.7 17.8 26.6

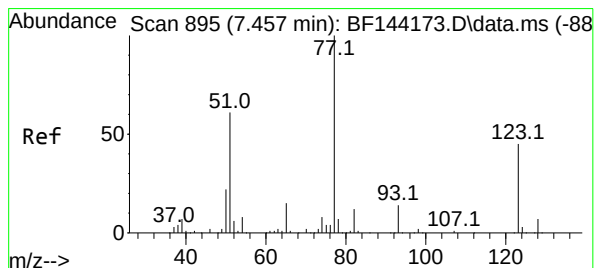
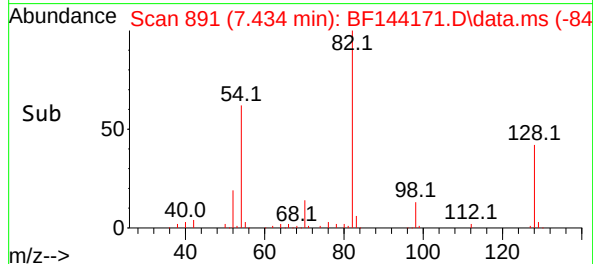
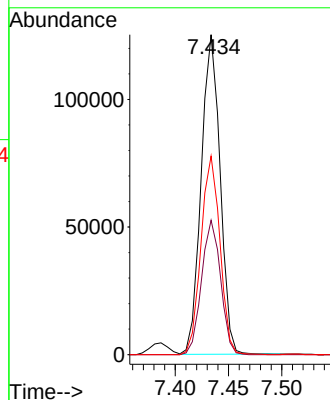
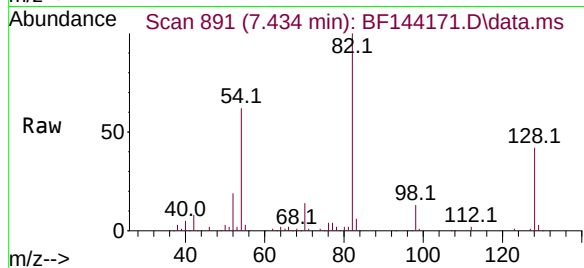




#23
Nitrobenzene-d5
Concen: 20.347 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

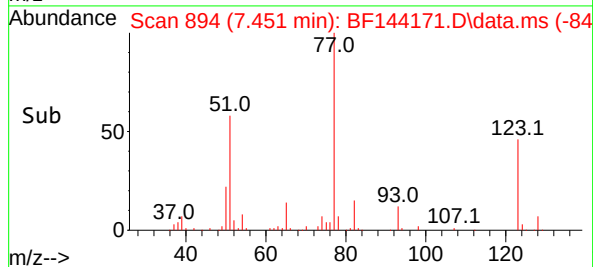
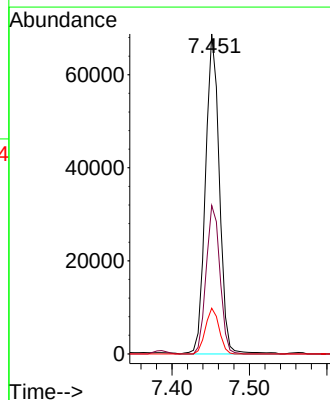
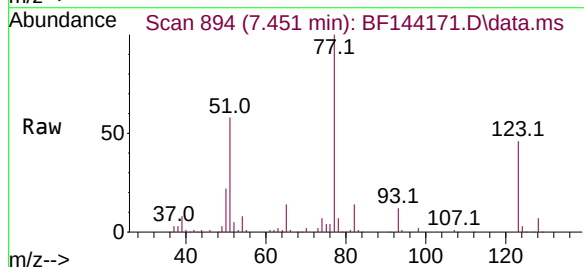
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

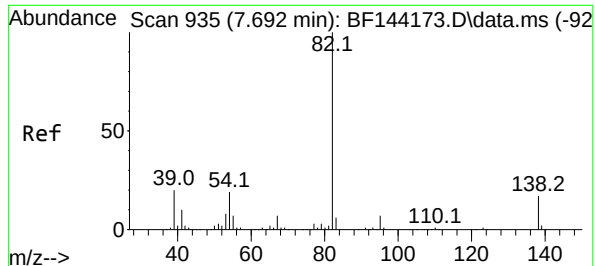
Tgt Ion: 82 Resp: 154488
Ion Ratio Lower Upper
82 100
128 42.0 34.7 52.1
54 62.0 49.5 74.3



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

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

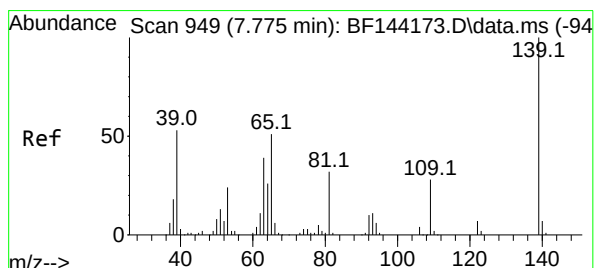
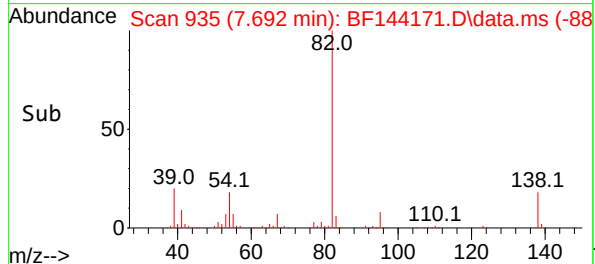
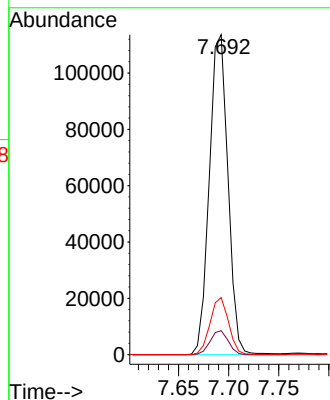
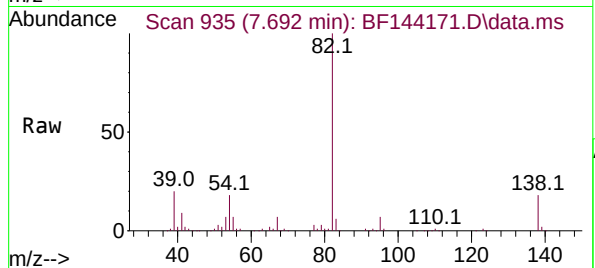




#25
Isophorone
Concen: 10.204 ng
RT: 7.692 min Scan# 935
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

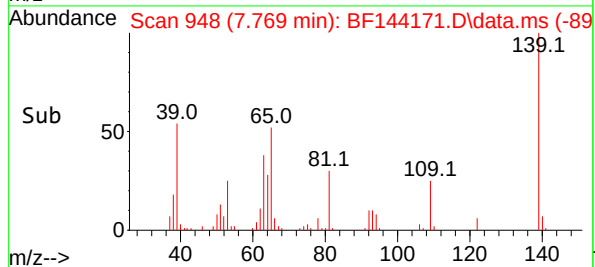
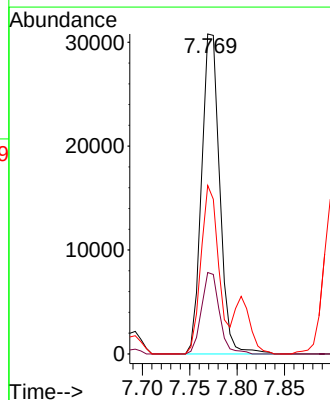
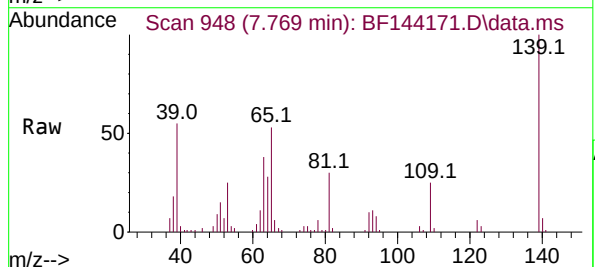
Instrument :
BNA_F
Client SampleId :
SSTDIC010

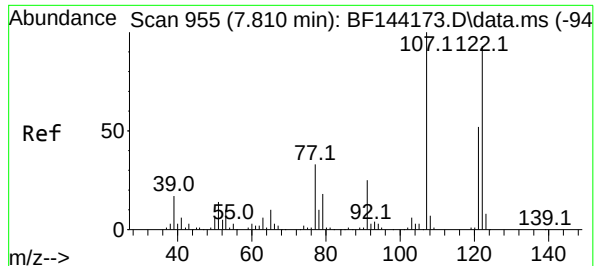
Tgt Ion: 82 Resp: 146541
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 17.9 13.7 20.5



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

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





#27

2,4-Dimethylphenol

Concen: 9.956 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

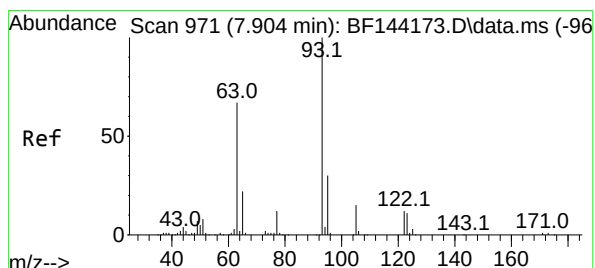
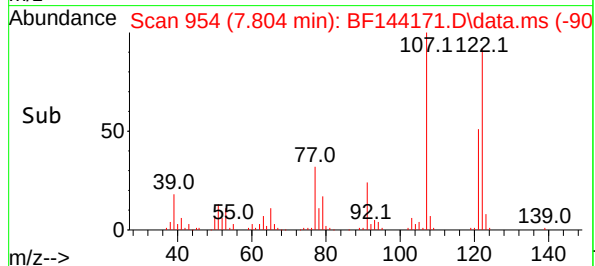
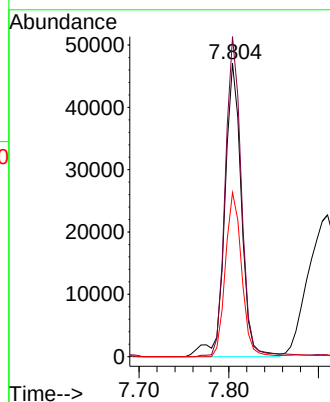
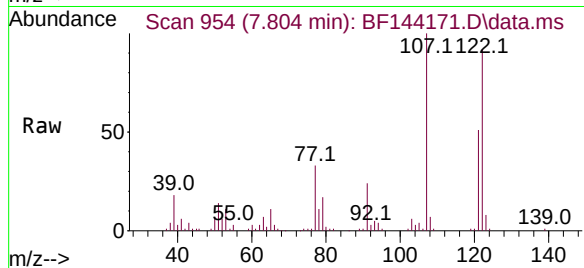
Tgt Ion:122 Resp: 60896

Ion Ratio Lower Upper

122 100

107 109.2 86.2 129.4

121 56.0 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 10.202 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

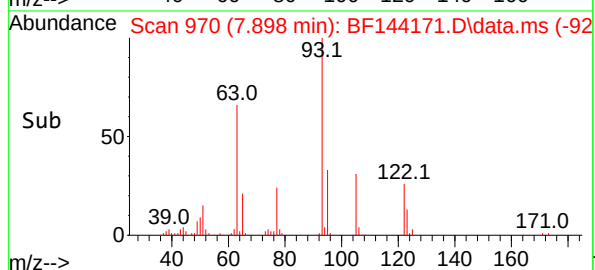
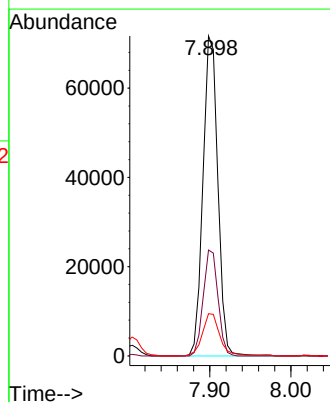
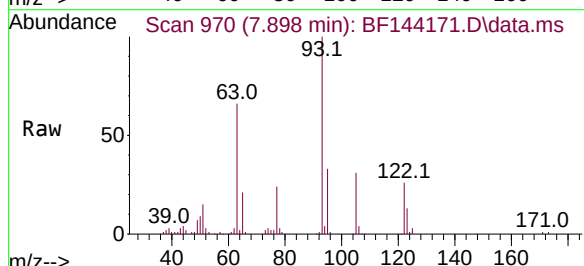
Tgt Ion: 93 Resp: 91497

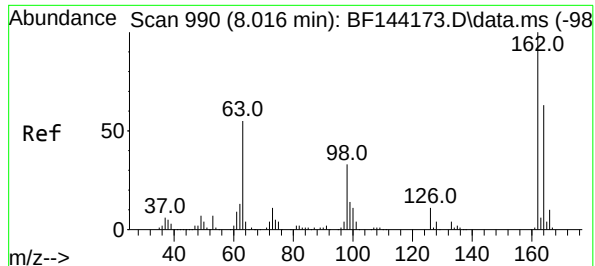
Ion Ratio Lower Upper

93 100

95 33.1 24.2 36.4

123 13.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 10.643 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

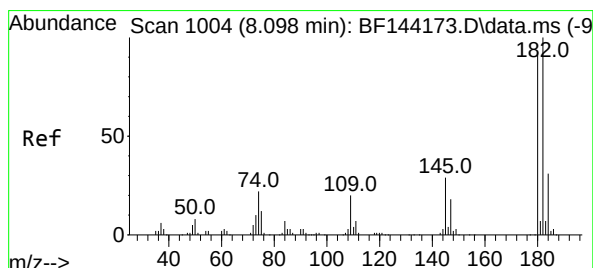
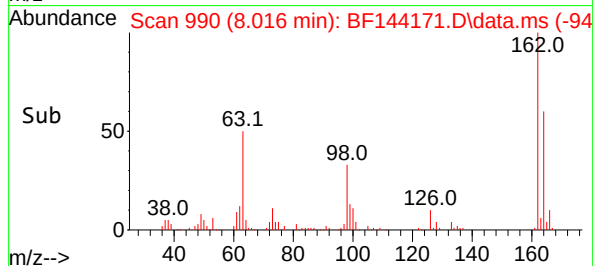
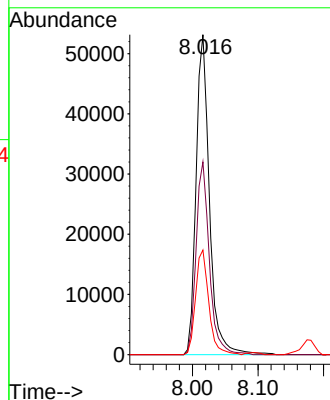
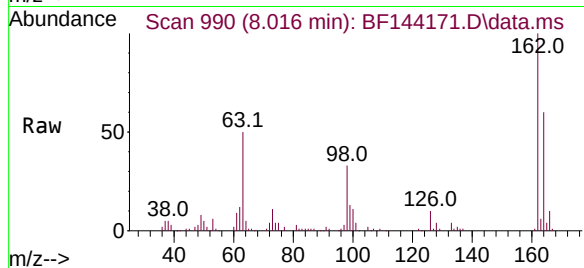
Tgt Ion:162 Resp: 75032

Ion Ratio Lower Upper

162 100

164 60.2 42.9 82.9

98 32.7 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 10.585 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

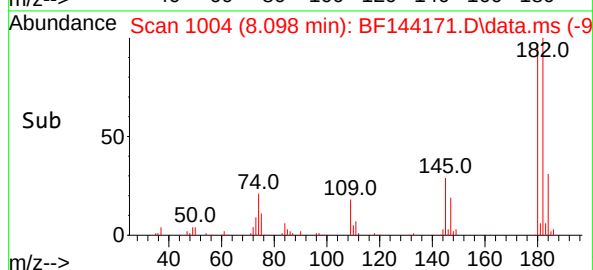
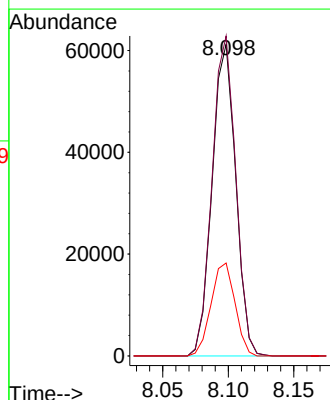
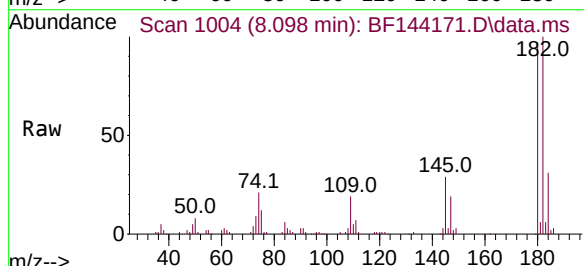
Tgt Ion:180 Resp: 76623

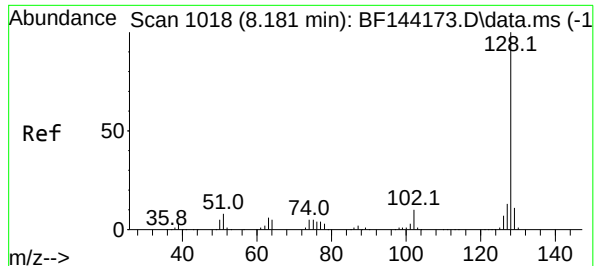
Ion Ratio Lower Upper

180 100

182 102.7 87.7 131.5

145 29.8 25.4 38.0

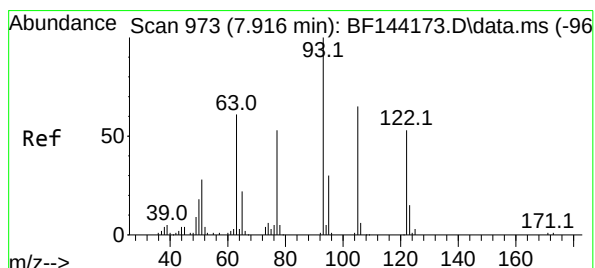
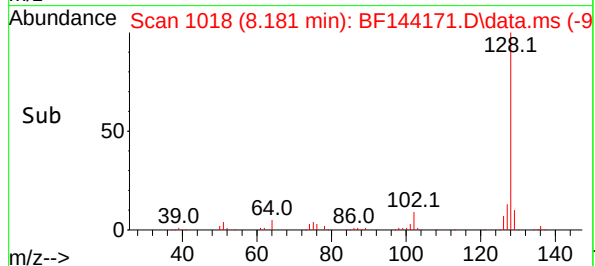
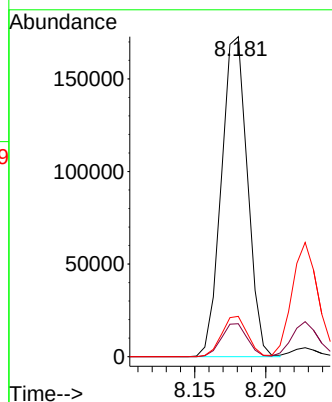
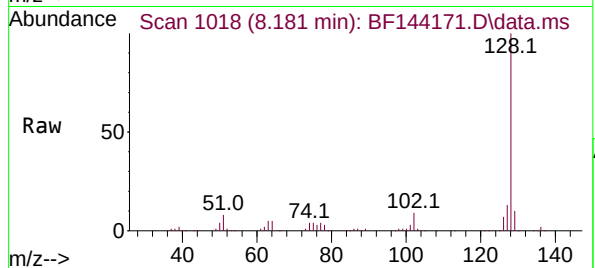




#31
Naphthalene
Concen: 10.590 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

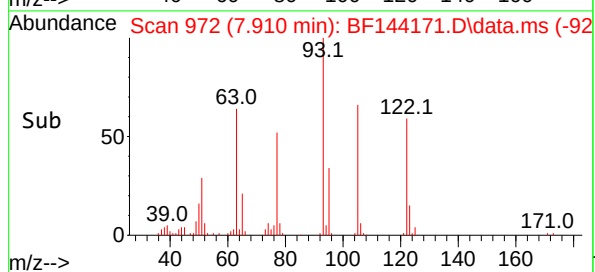
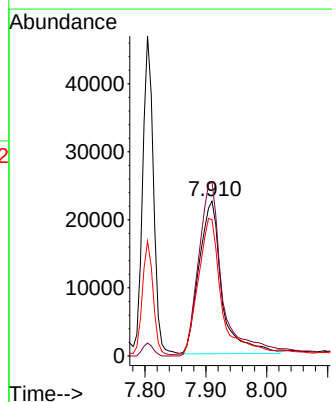
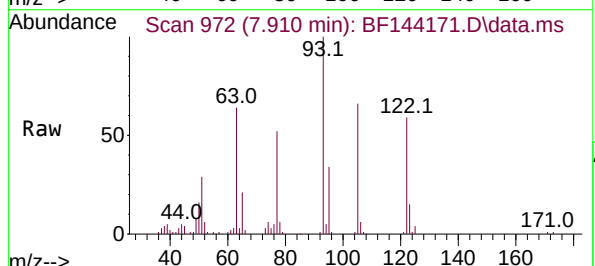
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

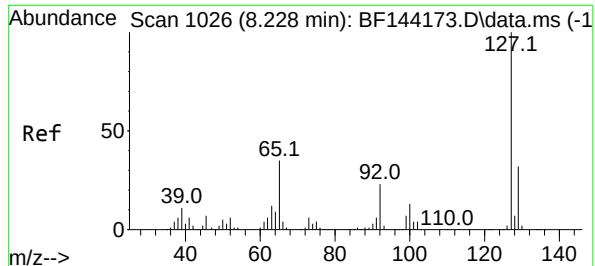
Tgt Ion:128 Resp: 220903
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 12.6 10.3 15.5



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

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





#33

4-Chloroaniline

Concen: 10.476 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 79703

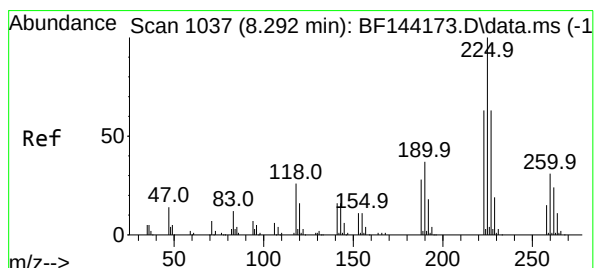
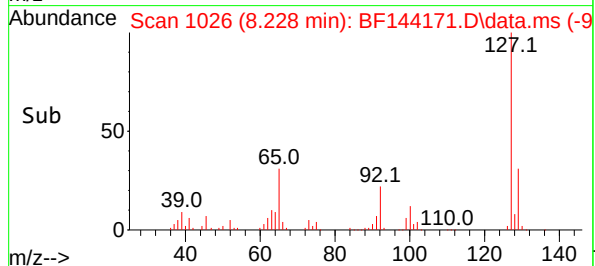
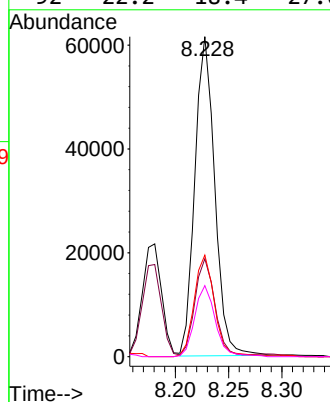
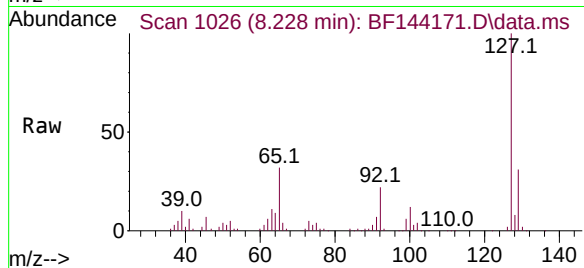
Ion Ratio Lower Upper

127 100

129 30.6 25.3 37.9

65 31.7 27.6 41.4

92 22.2 18.4 27.6



#34

Hexachlorobutadiene

Concen: 10.054 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

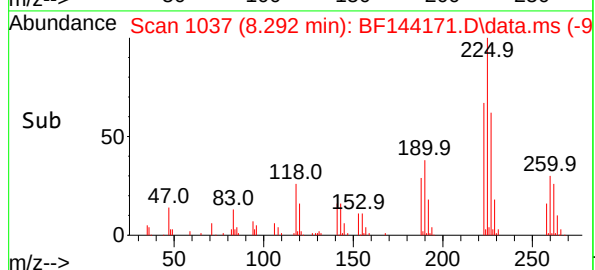
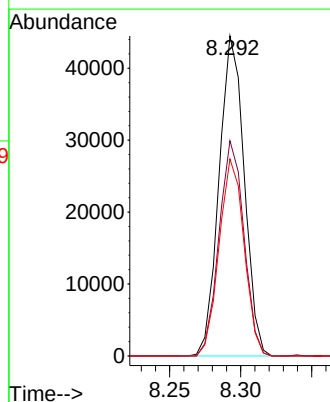
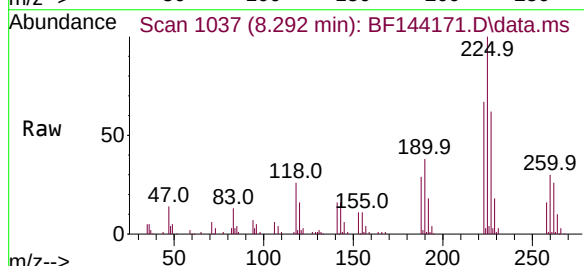
Tgt Ion:225 Resp: 54849

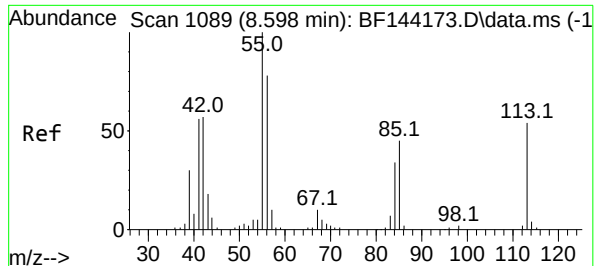
Ion Ratio Lower Upper

225 100

223 67.2 50.2 75.4

227 61.5 50.1 75.1

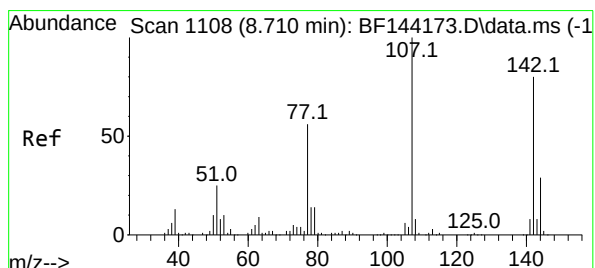
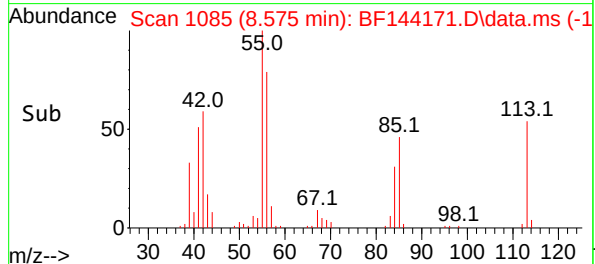
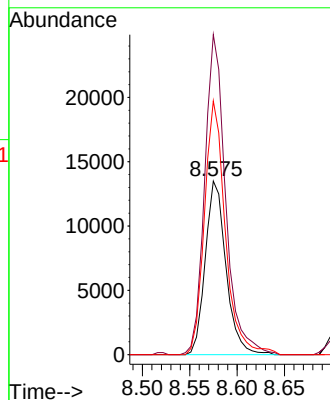
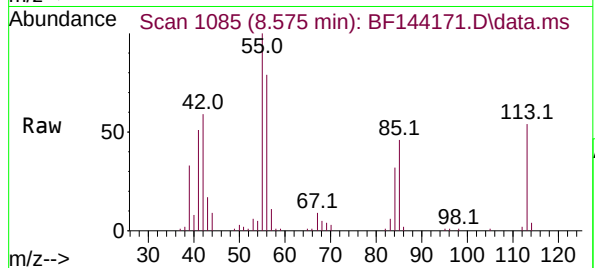




#35
Caprolactam
Concen: 10.645 ng
RT: 8.575 min Scan# 1085
Delta R.T. -0.047 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

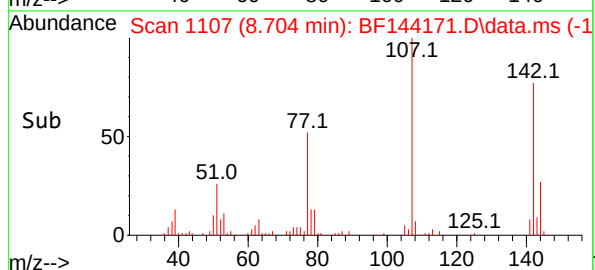
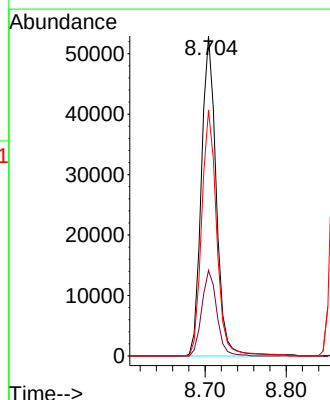
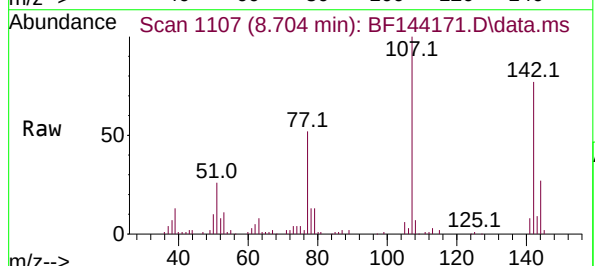
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

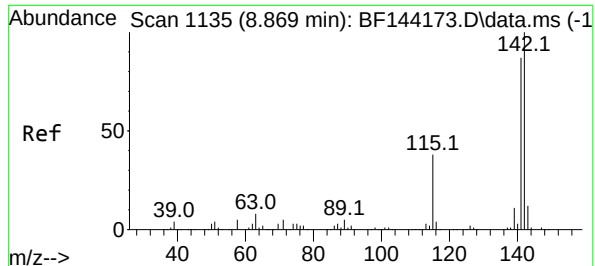
Tgt Ion:113 Resp: 20560
Ion Ratio Lower Upper
113 100
55 184.5 166.8 206.8
56 146.2 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 10.641 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:107 Resp: 67228
Ion Ratio Lower Upper
107 100
144 26.7 23.3 34.9
142 76.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 10.571 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

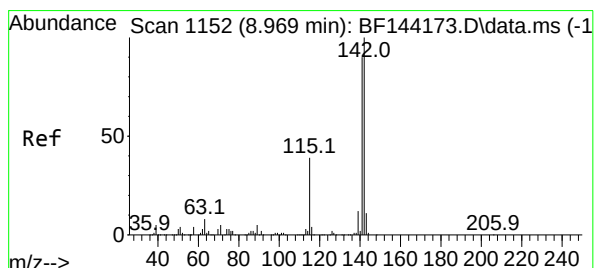
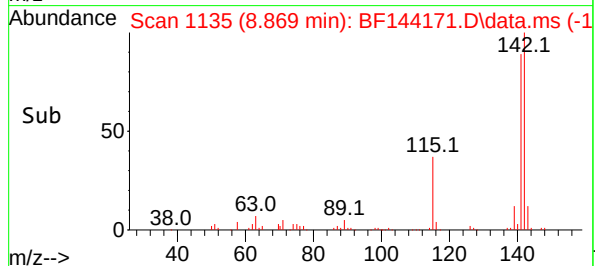
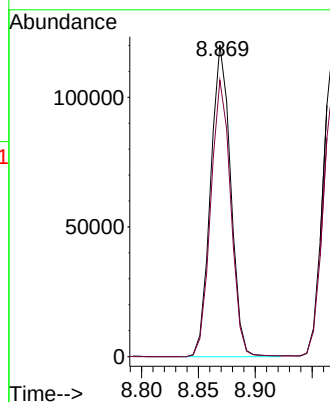
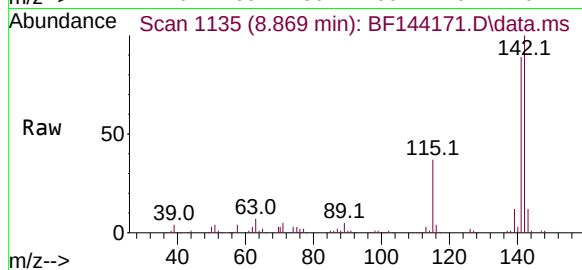
SSTDICC010

Tgt Ion:142 Resp: 147427

Ion Ratio Lower Upper

142 100

141 88.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 11.093 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144171.D

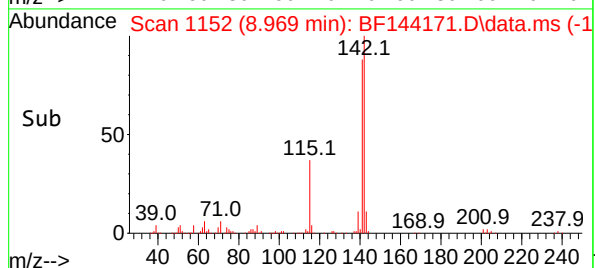
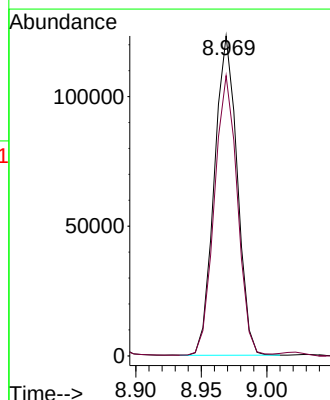
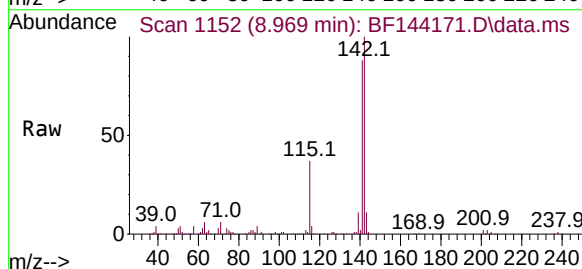
Acq: 05 Nov 2025 13:50

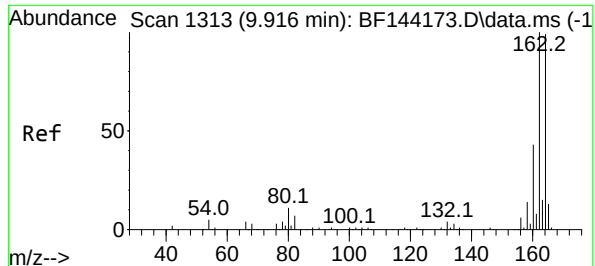
Tgt Ion:142 Resp: 149280

Ion Ratio Lower Upper

142 100

141 87.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

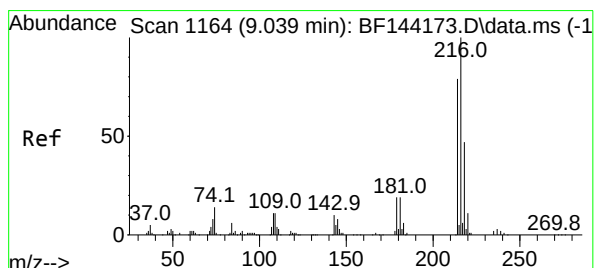
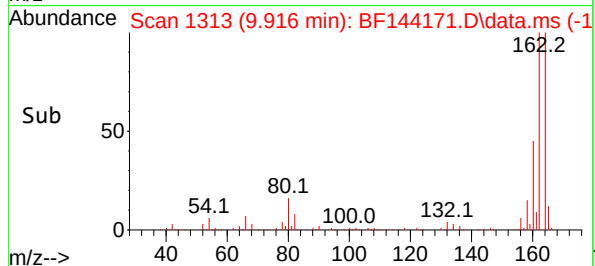
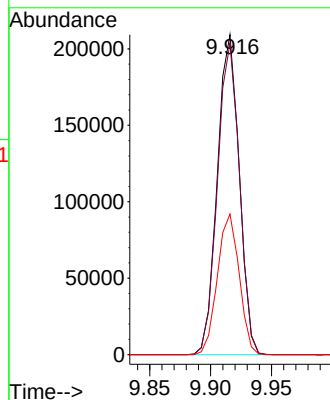
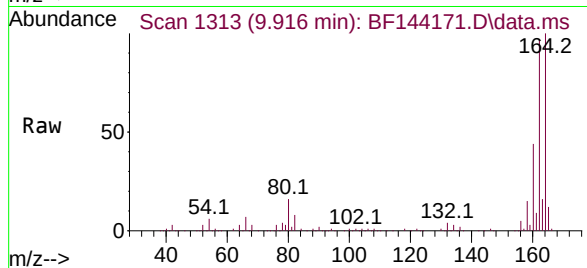
Tgt Ion:164 Resp: 261107

Ion Ratio Lower Upper

164 100

162 97.4 81.1 121.7

160 43.9 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.098 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:216 Resp: 86408

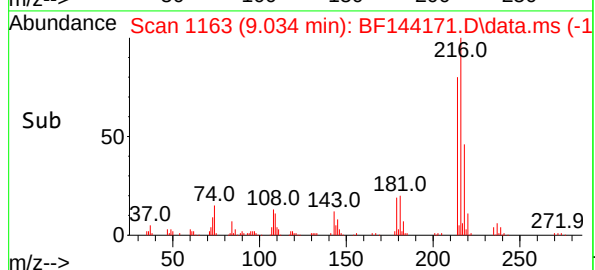
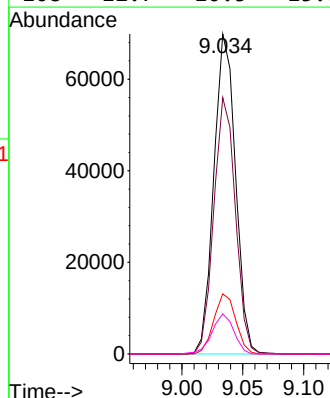
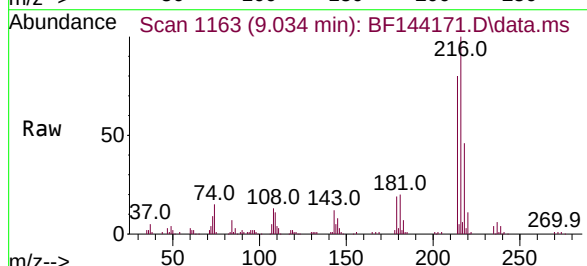
Ion Ratio Lower Upper

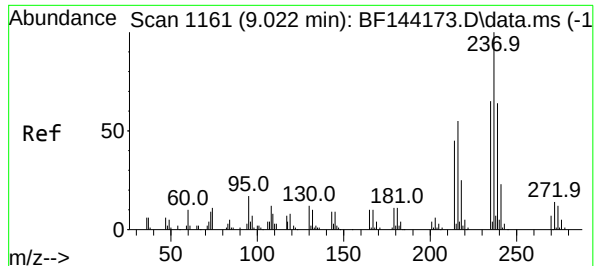
216 100

214 79.8 63.4 95.2

179 19.0 15.0 22.4

108 12.7 10.5 15.7

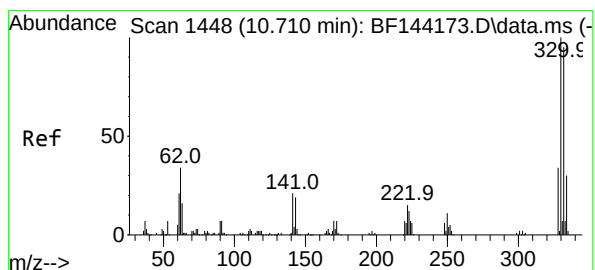
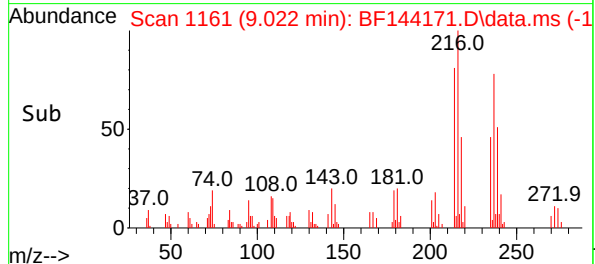
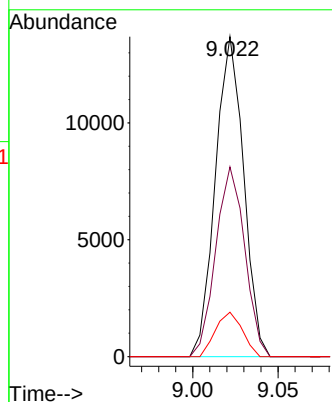
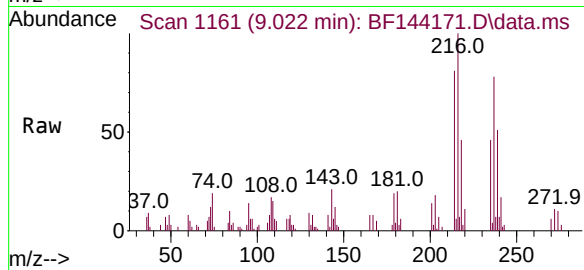




#41
Hexachlorocyclopentadiene
Concen: 10.609 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

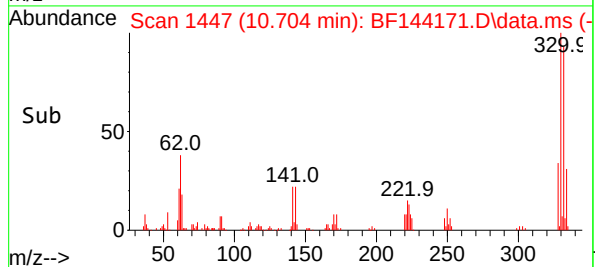
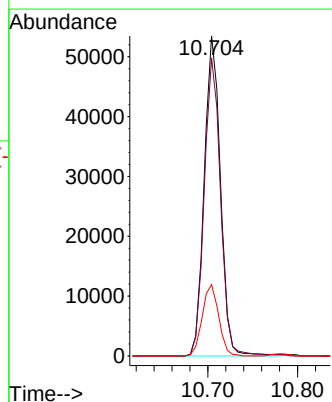
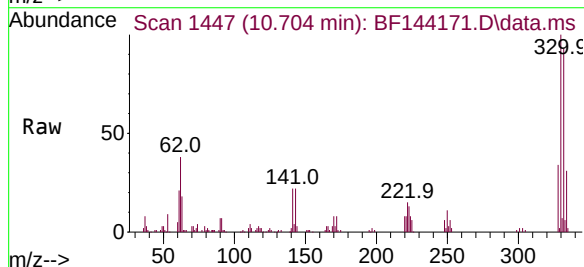
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

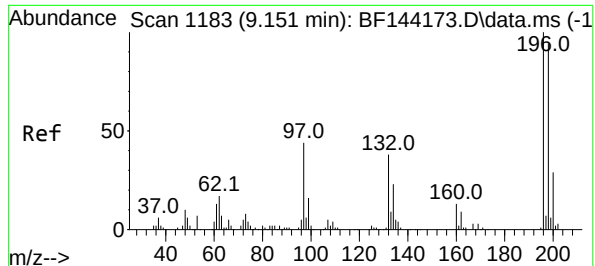
Tgt Ion:237 Resp: 15765
Ion Ratio Lower Upper
237 100
235 59.3 45.5 85.5
272 13.9 0.0 33.5



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

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





#43

2,4,6-Trichlorophenol

Concen: 10.054 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

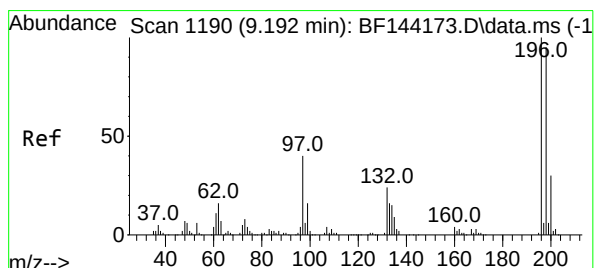
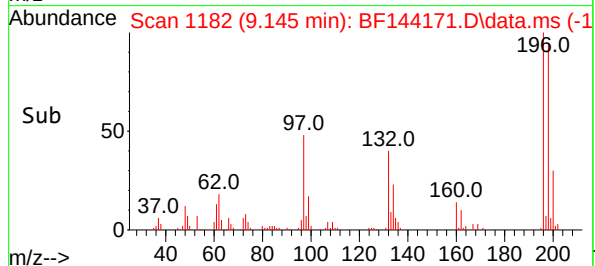
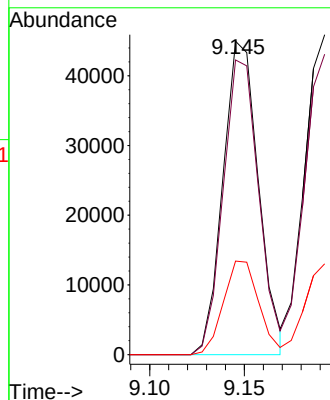
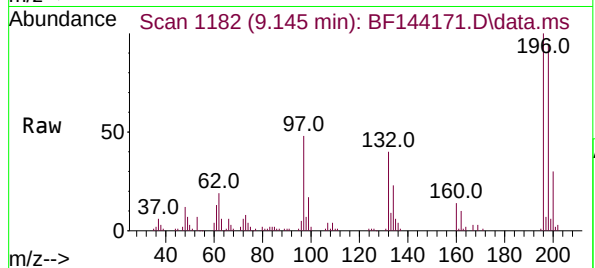
Tgt Ion:196 Resp: 58560

Ion Ratio Lower Upper

196 100

198 94.0 75.3 112.9

200 29.8 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 10.160 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:196 Resp: 63779

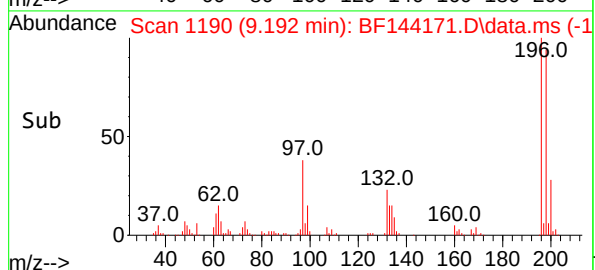
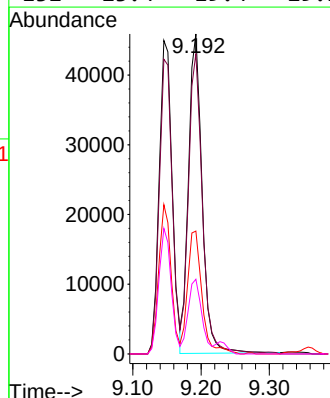
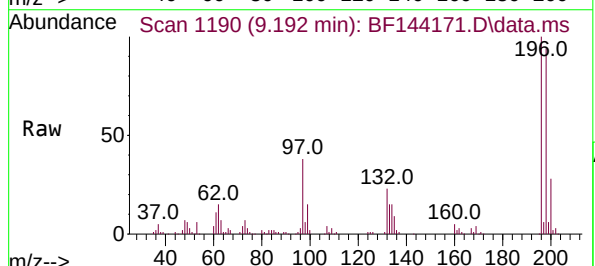
Ion Ratio Lower Upper

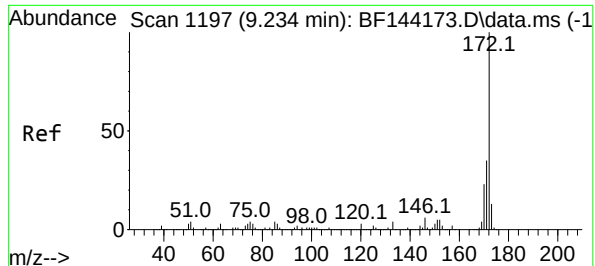
196 100

198 93.9 76.1 114.1

97 38.4 31.9 47.9

132 23.4 19.4 29.2

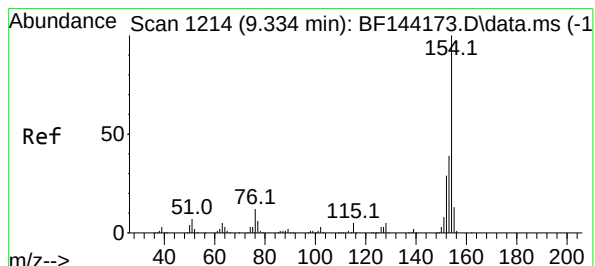
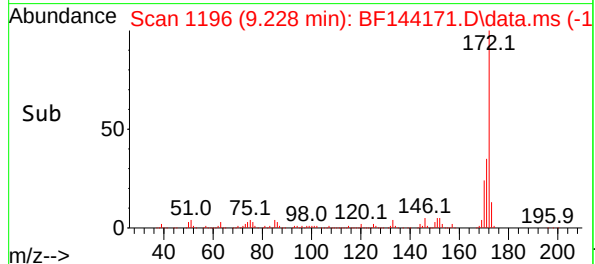
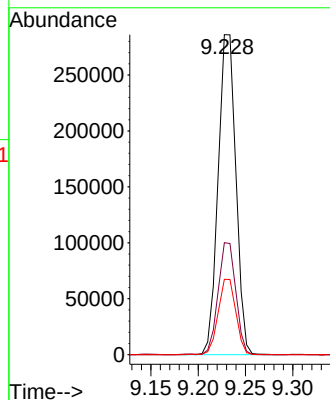
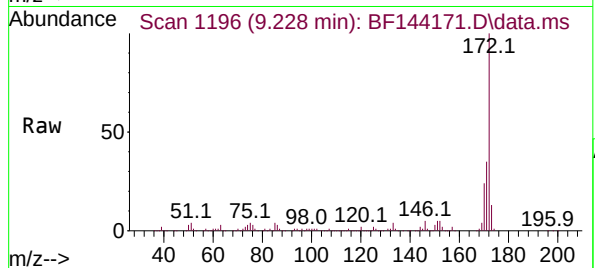




#45
2-Fluorobiphenyl
Concen: 21.090 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

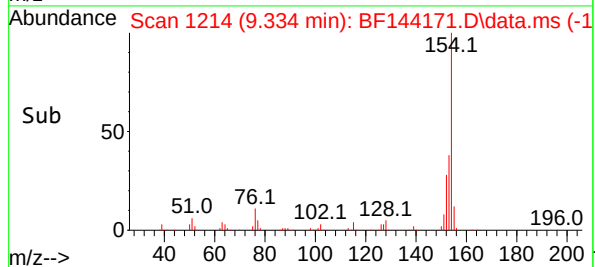
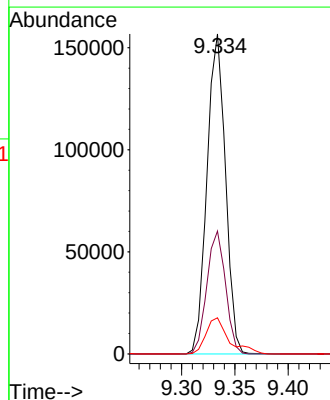
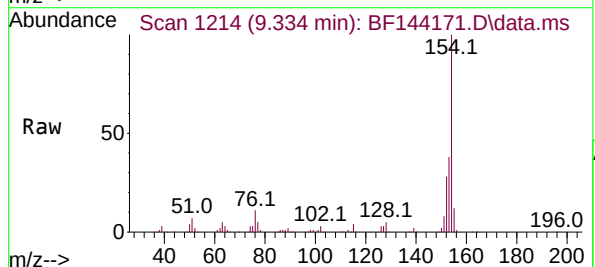
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

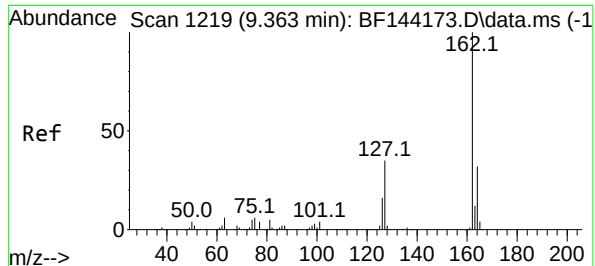
Tgt Ion:172 Resp: 372845
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 18.6 28.0



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

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





#47

2-Chloronaphthalene

Concen: 10.211 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

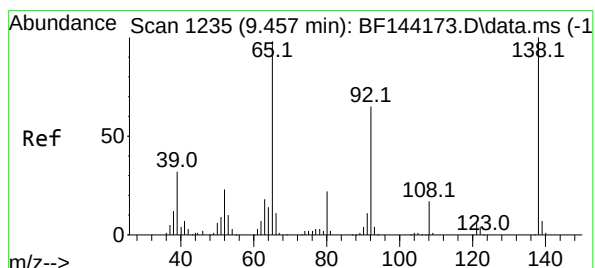
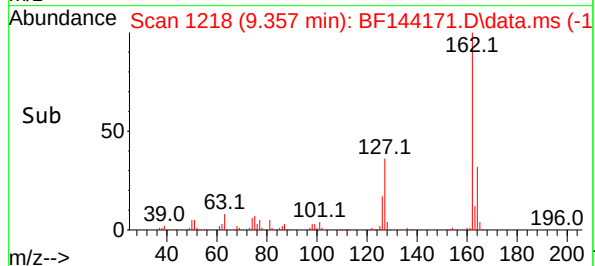
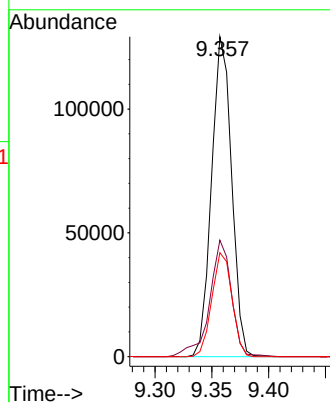
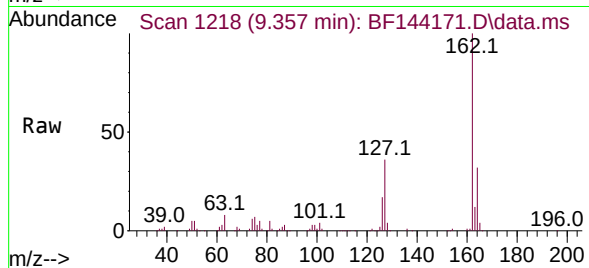
Tgt Ion:162 Resp: 158745

Ion Ratio Lower Upper

162 100

127 36.4 28.8 43.2

164 32.5 25.8 38.8



#48

2-Nitroaniline

Concen: 10.104 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

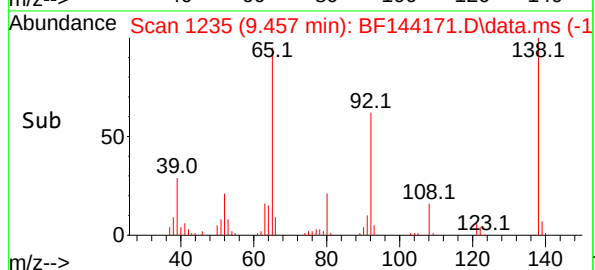
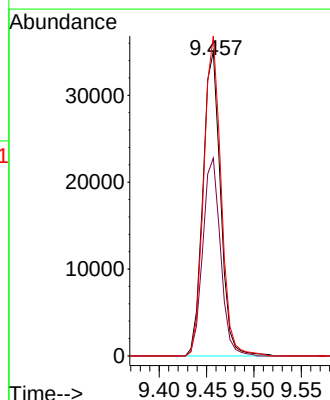
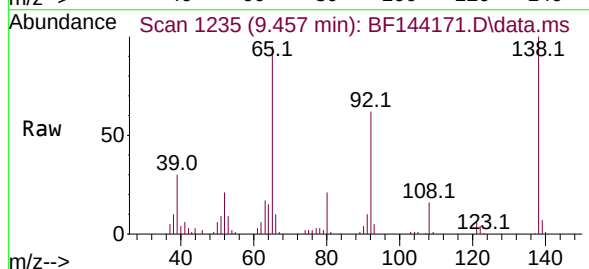
Tgt Ion: 65 Resp: 45323

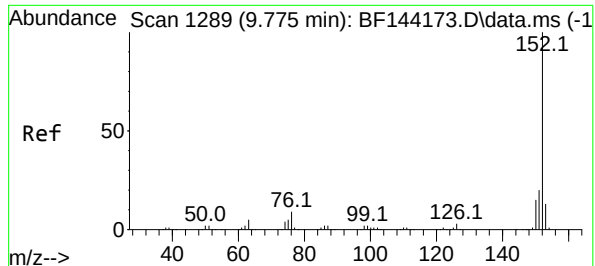
Ion Ratio Lower Upper

65 100

92 65.0 53.0 79.6

138 105.1 81.6 122.4





#49

Acenaphthylene

Concen: 10.390 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144171.D

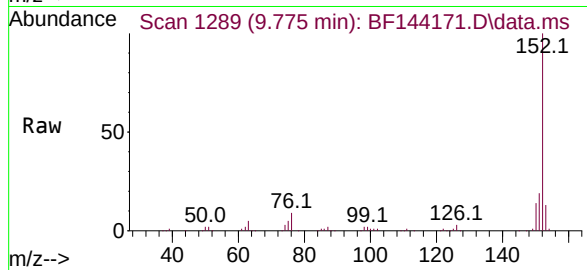
Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



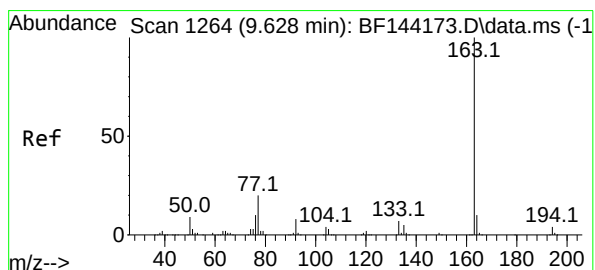
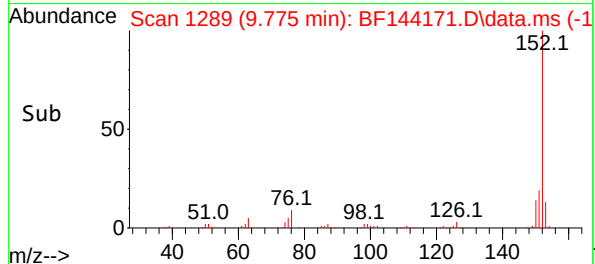
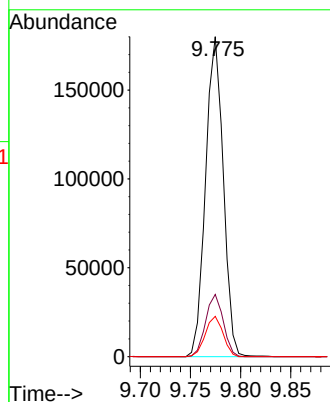
Tgt Ion:152 Resp: 220118

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

Concen: 10.133 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

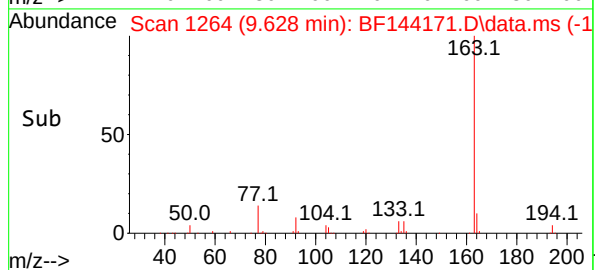
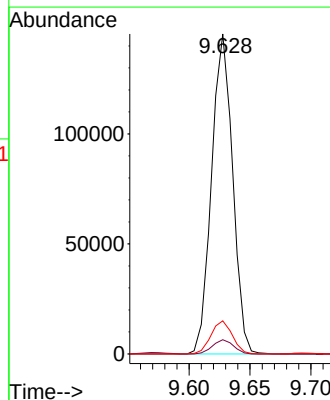
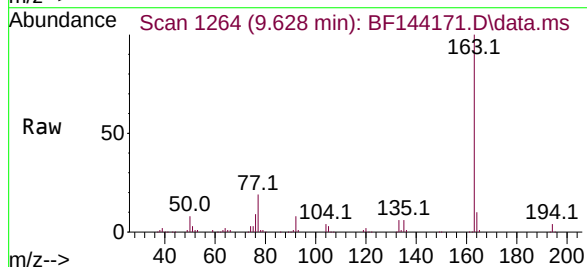
Tgt Ion:163 Resp: 175284

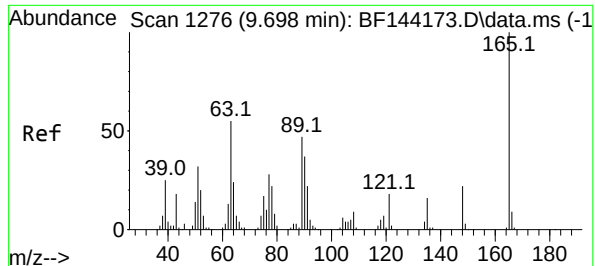
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.3 8.1 12.1

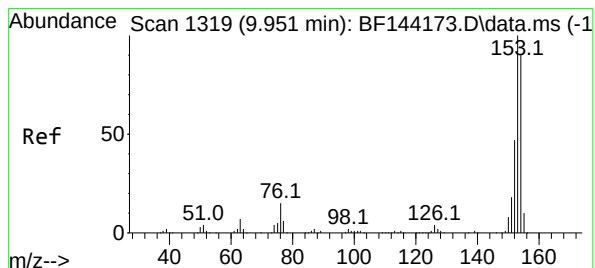
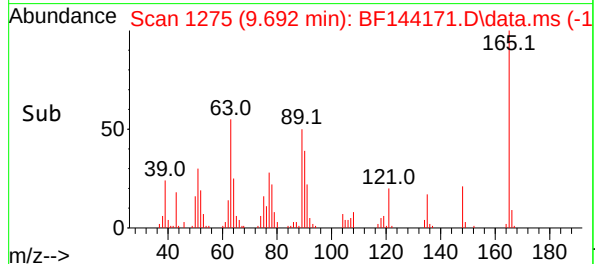
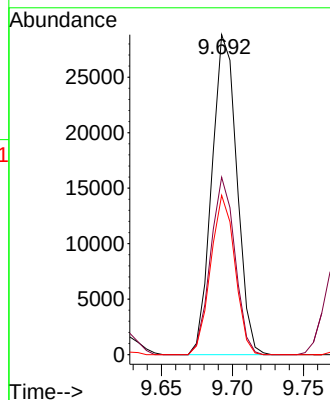
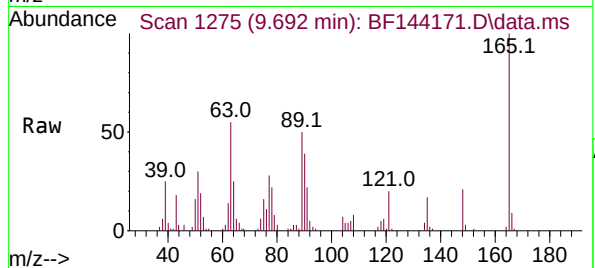




#51
2,6-Dinitrotoluene
Concen: 10.119 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

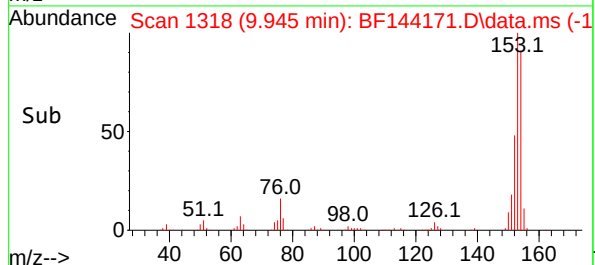
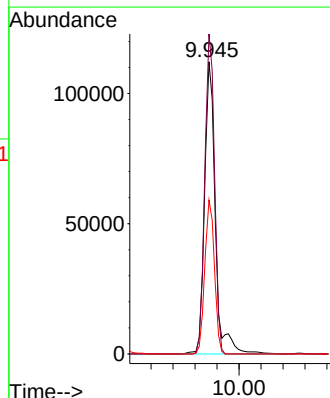
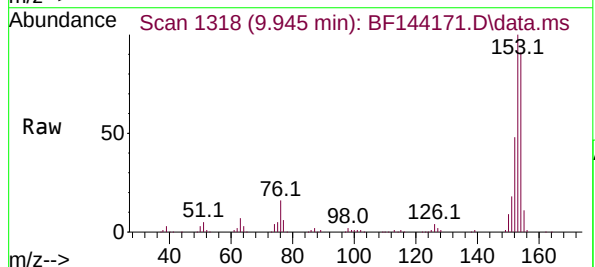
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

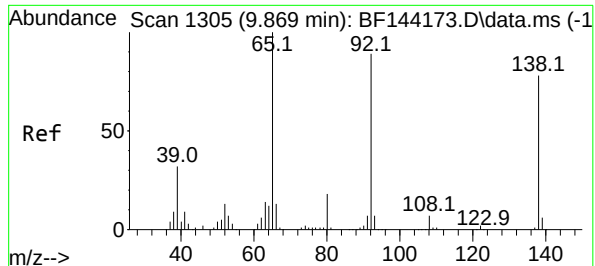
Tgt Ion	165	Ratio	100	Lower	Upper
165	100				
63	55.4		43.8	65.8	
89	49.8		37.5	56.3	



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

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





#53

3-Nitroaniline

Concen: 10.259 ng

RT: 9.863 min Scan# 1305

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

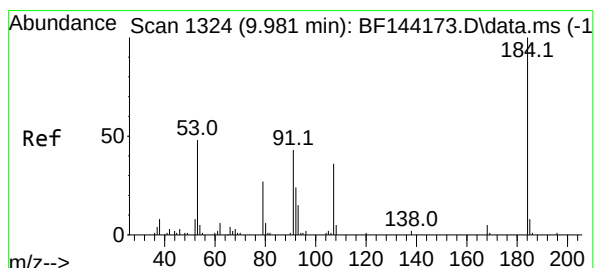
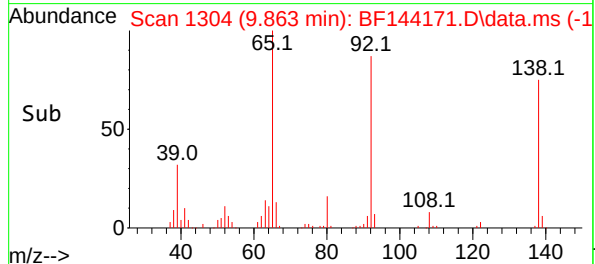
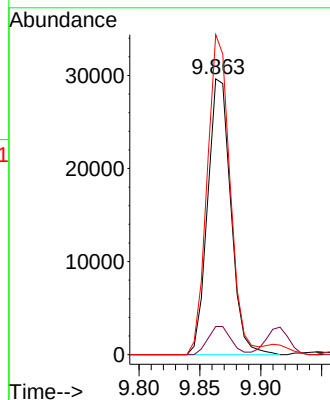
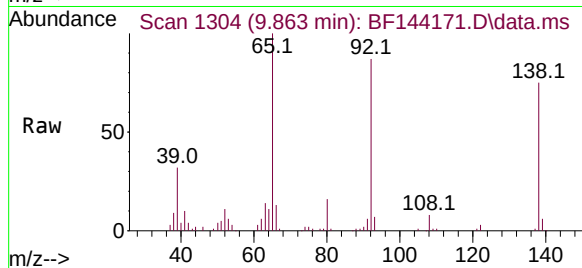
Tgt Ion:138 Resp: 39270

Ion Ratio Lower Upper

138 100

108 10.2 7.5 11.3

92 116.1 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 12.447 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

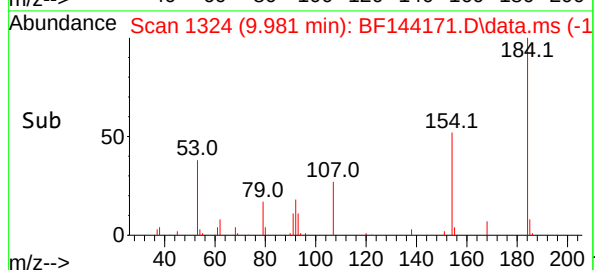
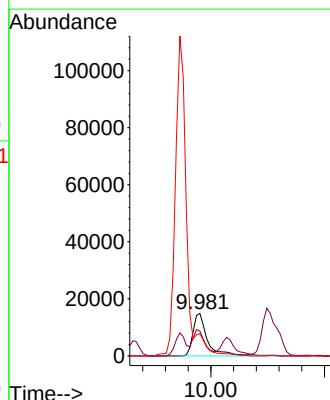
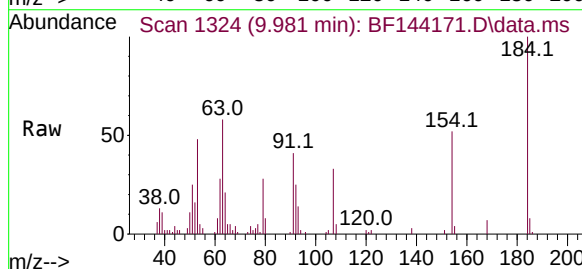
Tgt Ion:184 Resp: 26319

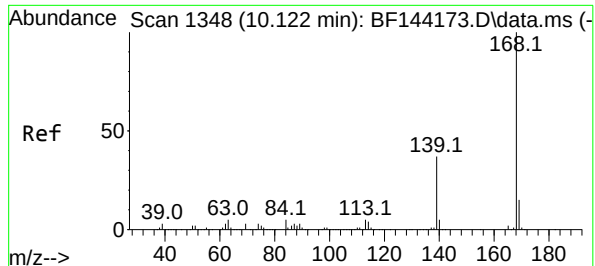
Ion Ratio Lower Upper

184 100

63 58.3 44.0 66.0

154 51.9 42.4 63.6





#55

Dibenzofuran

Concen: 10.530 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

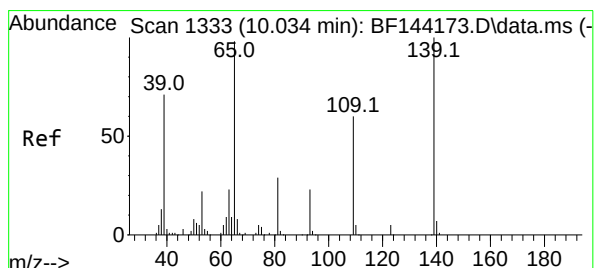
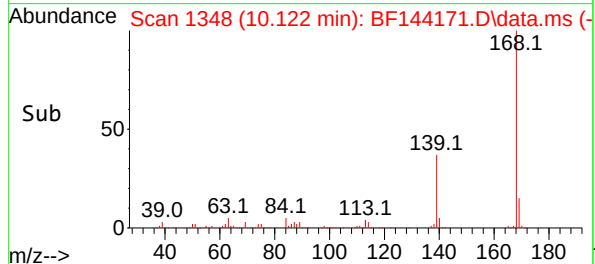
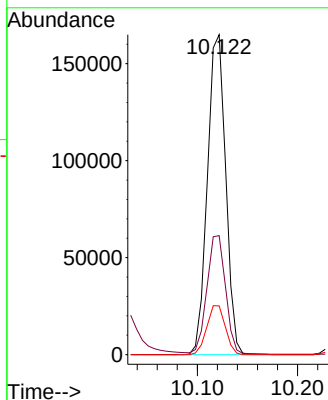
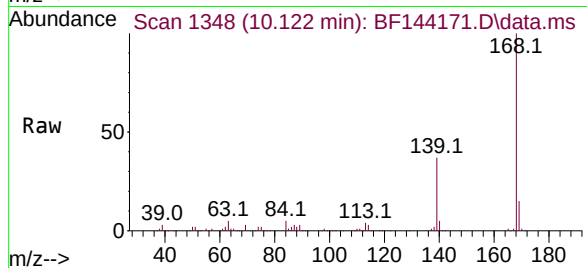
Tgt Ion:168 Resp: 208943

Ion Ratio Lower Upper

168 100

139 37.2 30.2 45.2

169 15.2 12.2 18.4



#56

4-Nitrophenol

Concen: 12.867 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

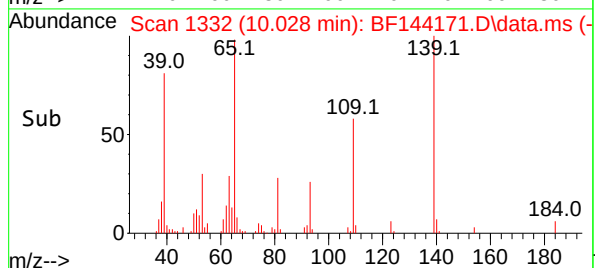
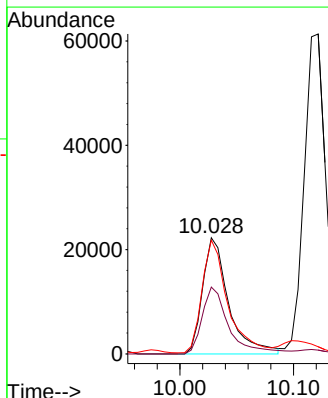
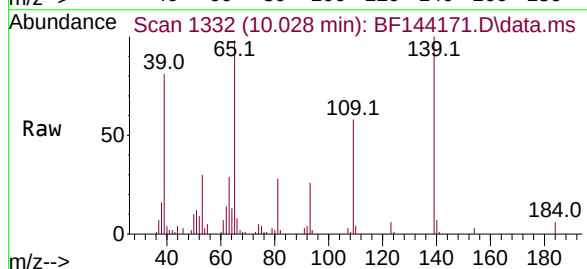
Tgt Ion:139 Resp: 35627

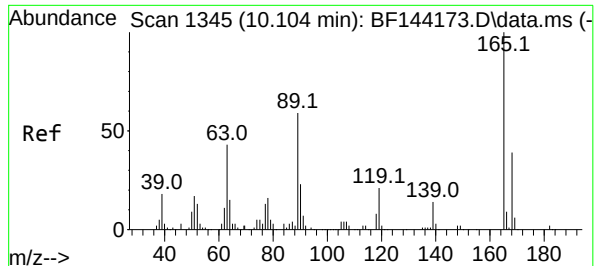
Ion Ratio Lower Upper

139 100

109 57.6 39.9 79.9

65 98.0 79.5 119.5

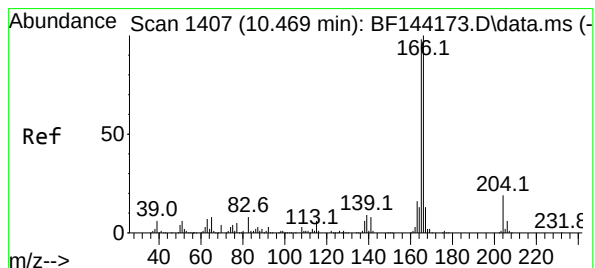
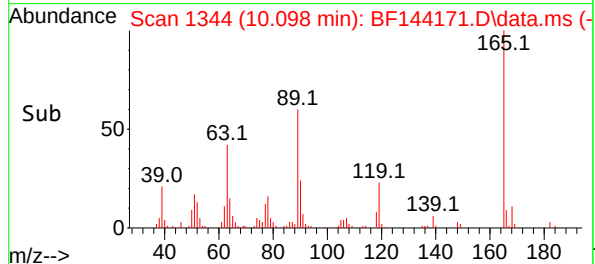
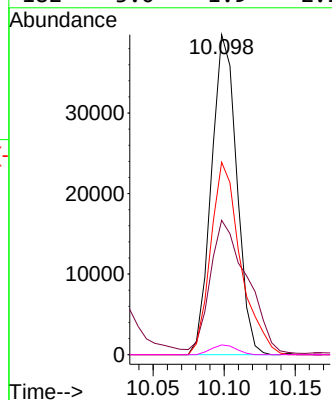
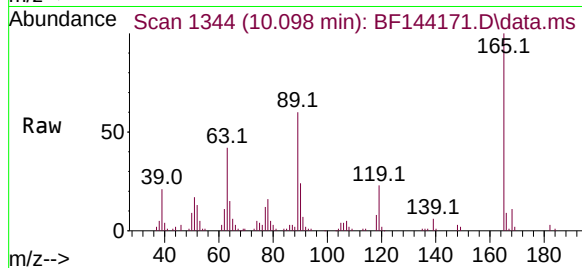




#57
2,4-Dinitrotoluene
Concen: 10.508 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

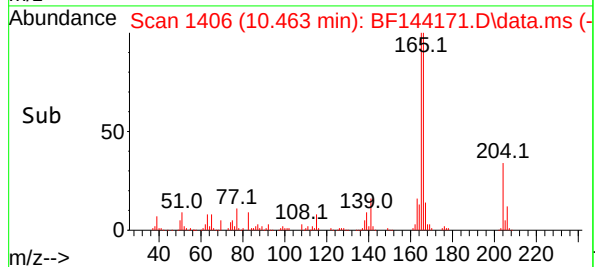
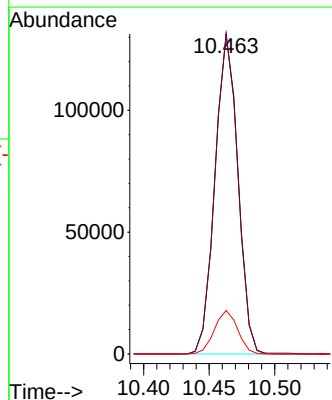
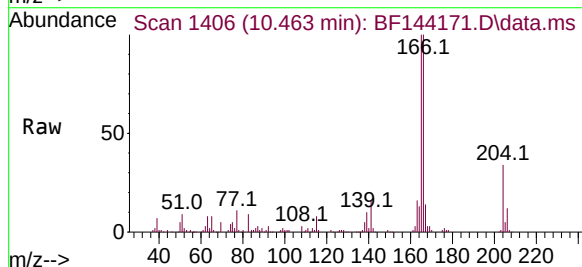
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

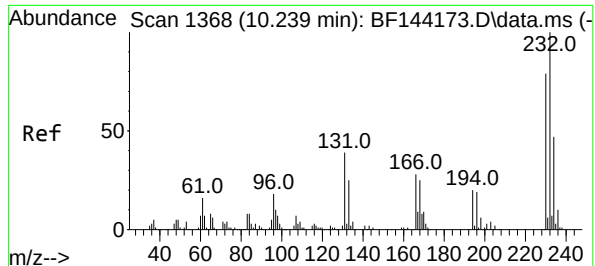
Tgt Ion:165 Resp: 49257
Ion Ratio Lower Upper
165 100
63 42.0 35.5 53.3
89 60.1 47.4 71.2
182 3.0 1.9 2.9#



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

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

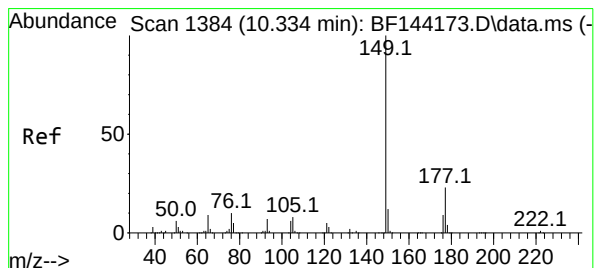
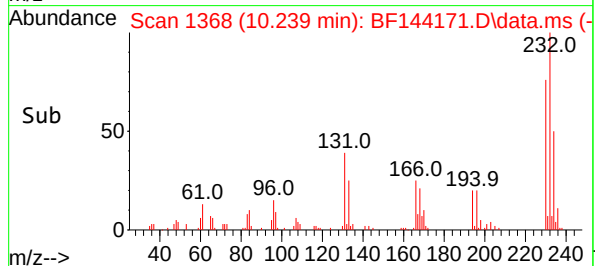
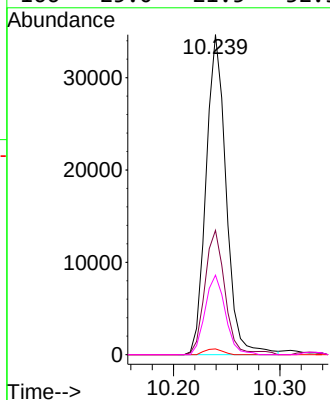
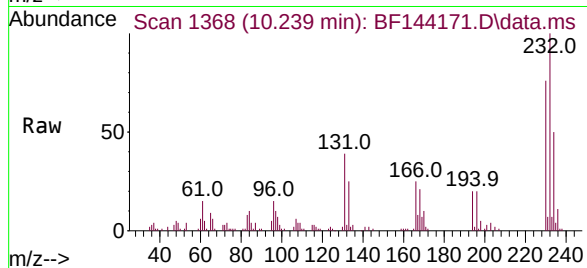




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.207 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

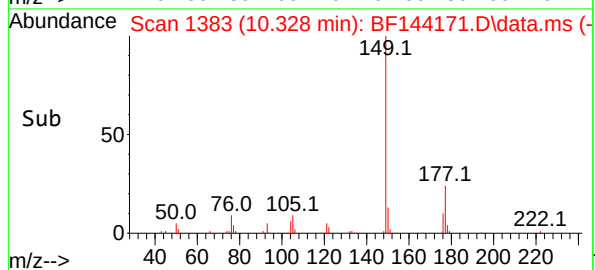
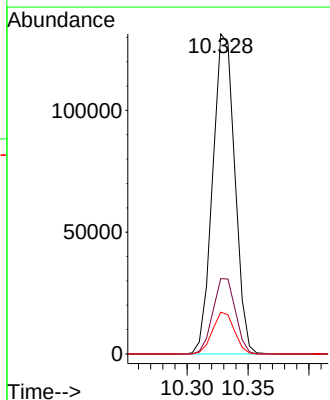
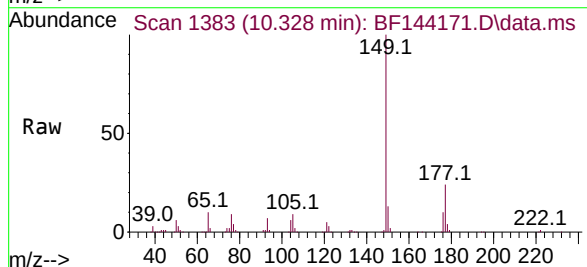
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

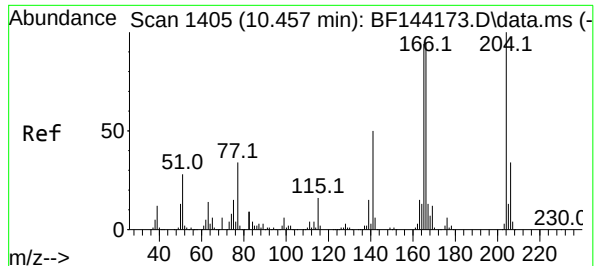
Tgt Ion:232 Resp: 45333
Ion Ratio Lower Upper
232 100
131 39.1 30.3 45.5
130 1.6 1.2 1.8
166 25.0 21.5 32.3



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

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

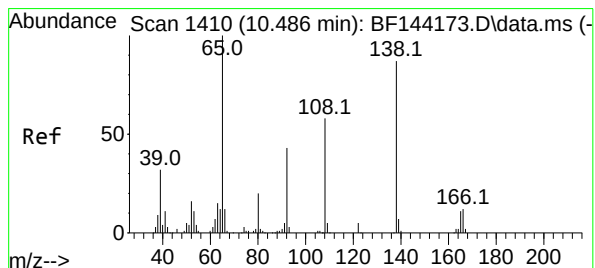
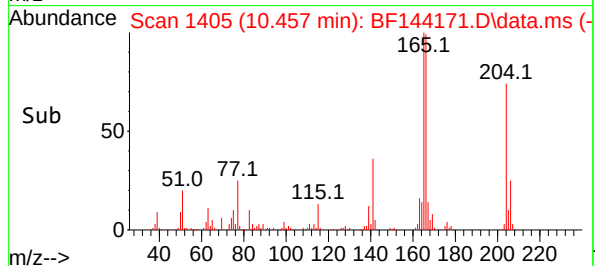
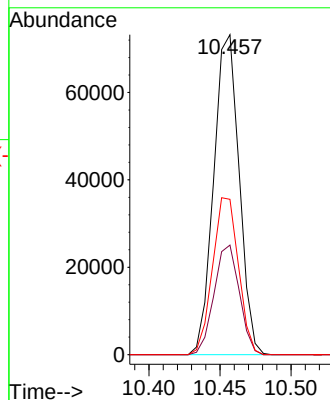
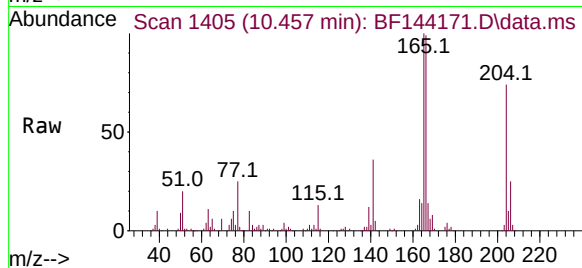




#61
4-Chlorophenyl-phenylether
Concen: 10.645 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

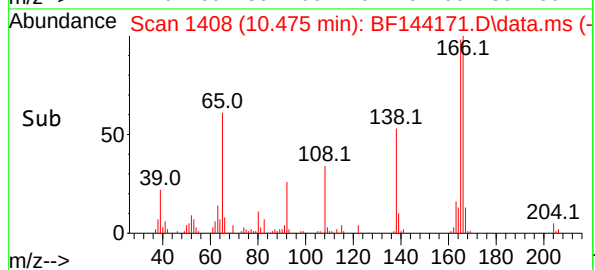
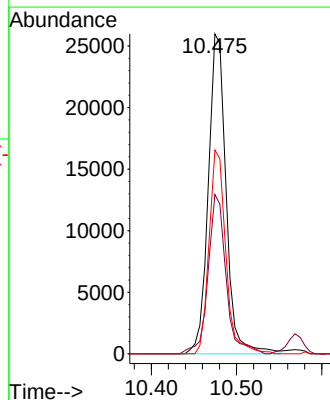
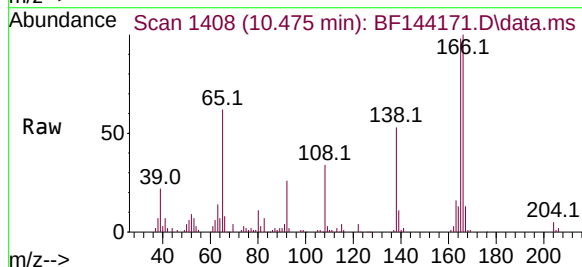
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

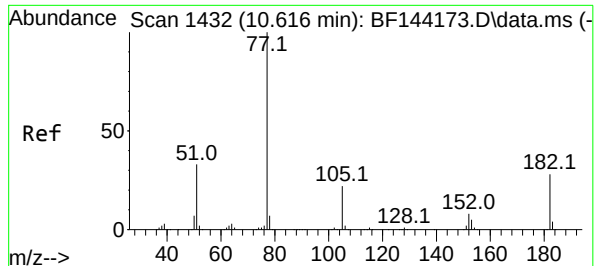
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.4	41.2
141	48.5	40.0	60.0



#62
4-Nitroaniline
Concen: 10.375 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.4	69.4
108	63.7	46.4	86.4

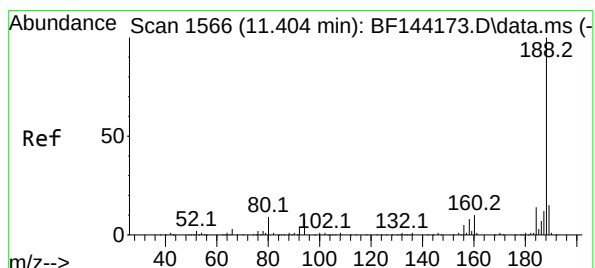
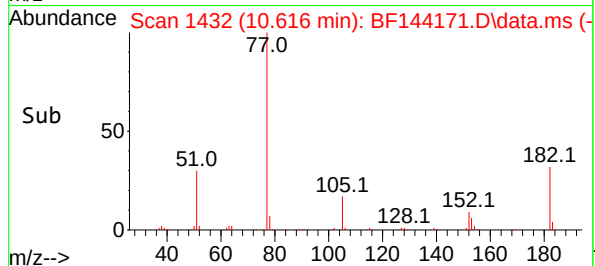
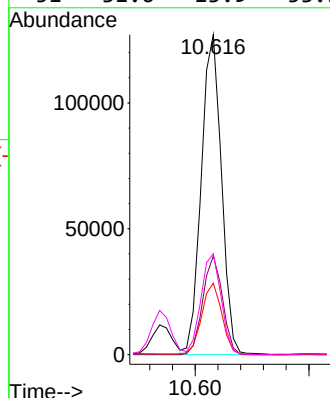
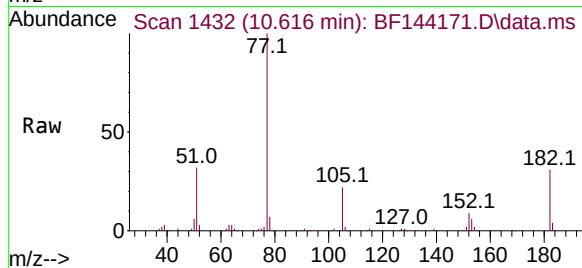




#63
Azobenzene
Concen: 10.586 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

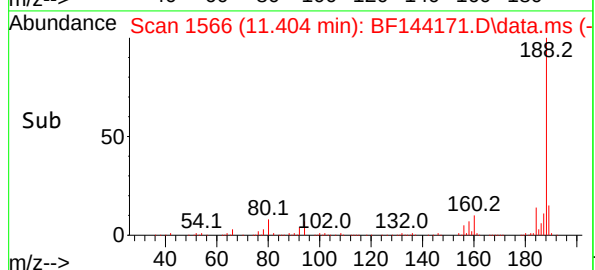
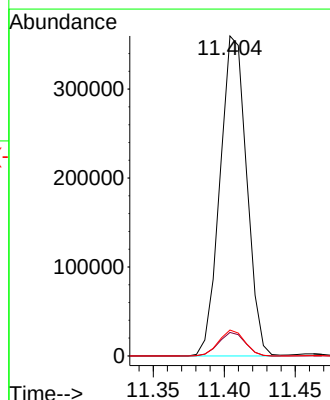
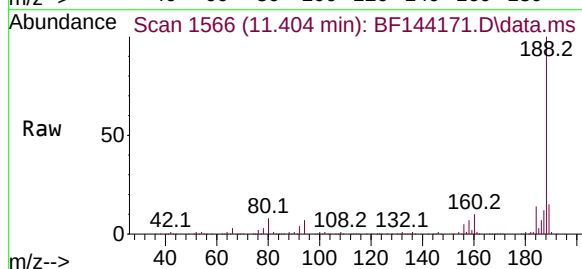
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

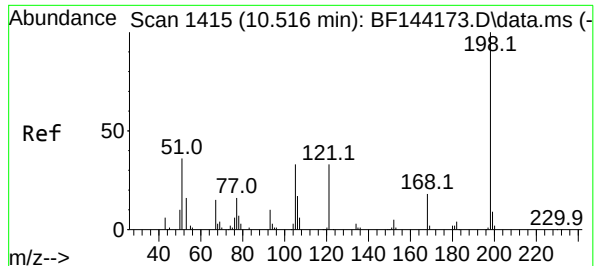
Tgt Ion:	77	Resp:	157098
Ion	Ratio	Lower	Upper
77	100		
182	30.8	8.1	48.1
105	22.3	2.0	42.0
51	31.6	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:	188	Resp:	469428
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.2
80	8.1	6.9	10.3

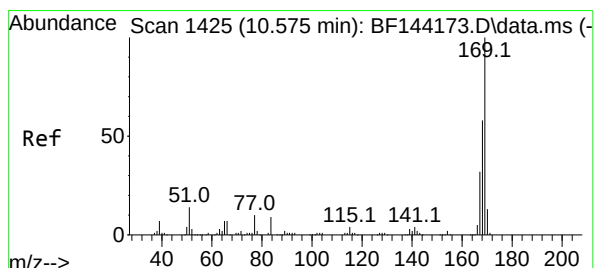
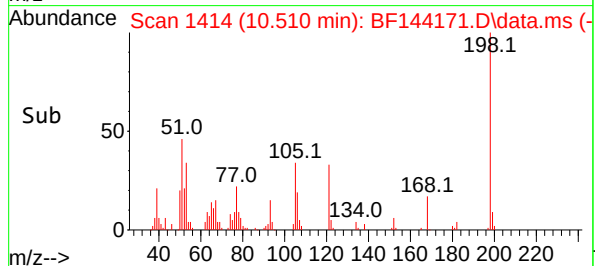
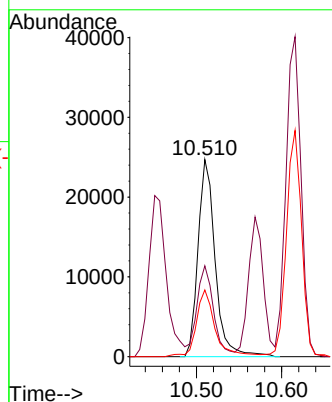
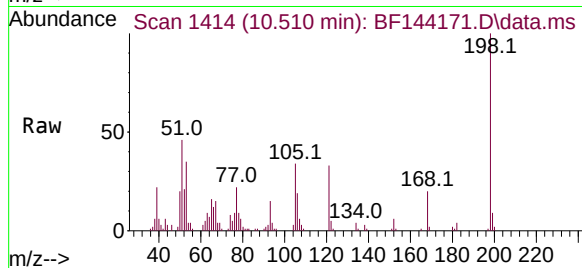




#65
4,6-Dinitro-2-methylphenol
Concen: 10.823 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

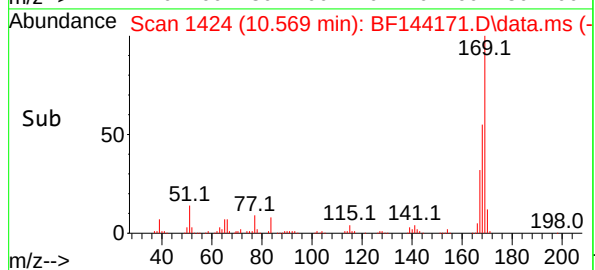
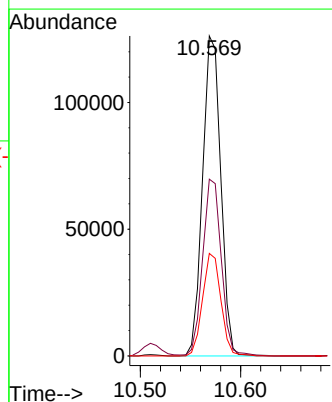
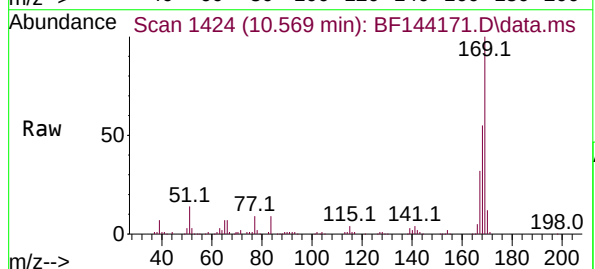
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

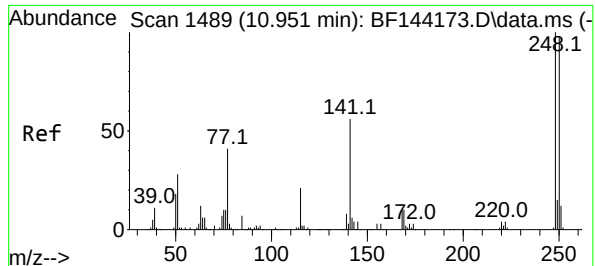
Tgt Ion	198	51	105
Ratio	100	46.1	33.8
Lower		25.6	14.6
Upper		65.6	54.6



#66
n-Nitrosodiphenylamine
Concen: 10.509 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	169	168	167
Ratio	100	55.2	32.0
Lower		46.2	25.7
Upper		69.2	38.5

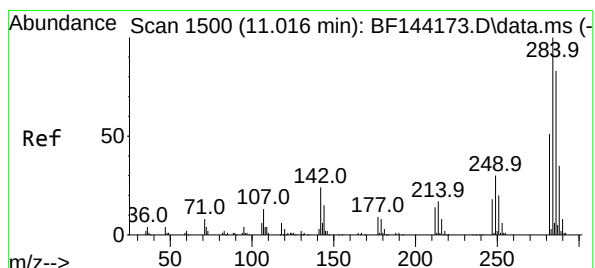
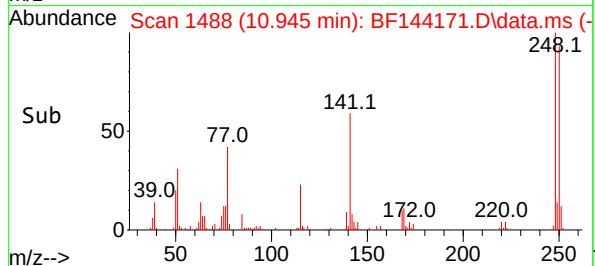
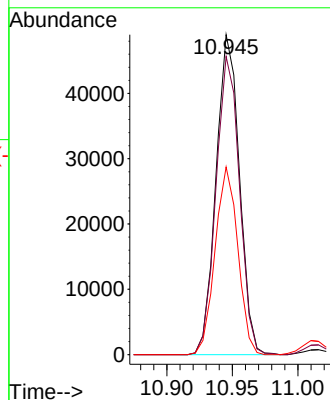
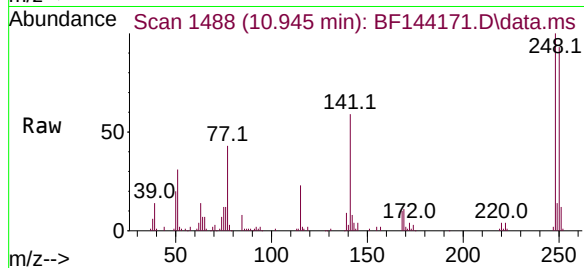




#67
4-Bromophenyl-phenylether
Concen: 10.169 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

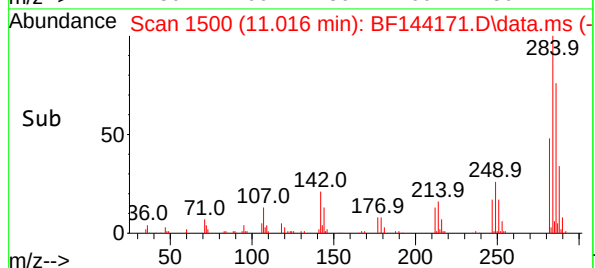
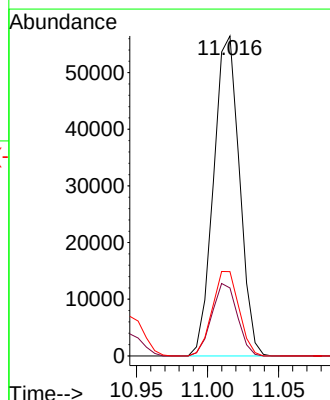
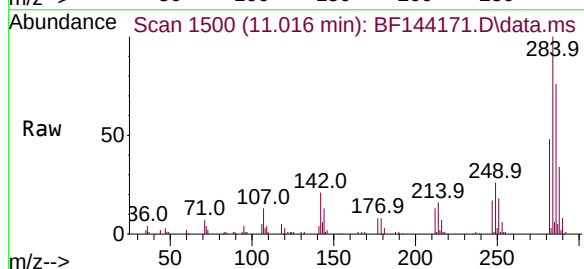
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

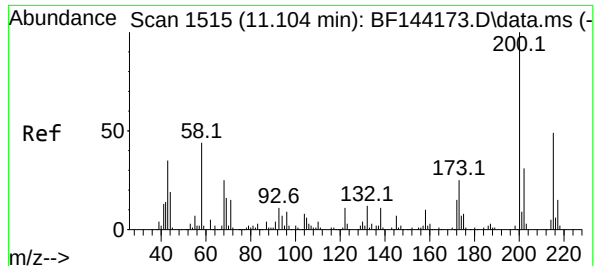
Tgt Ion:248 Resp: 60929
Ion Ratio Lower Upper
248 100
250 93.2 78.4 117.6
141 58.6 45.1 67.7



#68
Hexachlorobenzene
Concen: 10.168 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:284 Resp: 71759
Ion Ratio Lower Upper
284 100
142 21.2 19.2 28.8
249 26.3 23.8 35.8





#69

Atrazine

Concen: 10.302 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

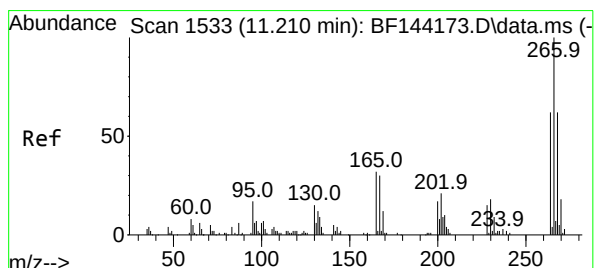
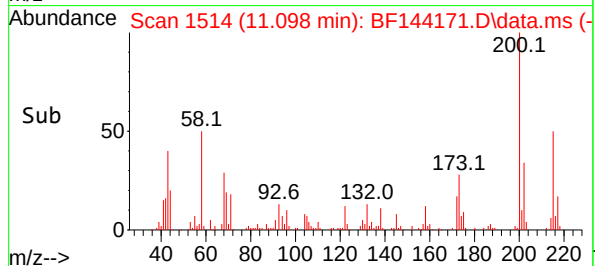
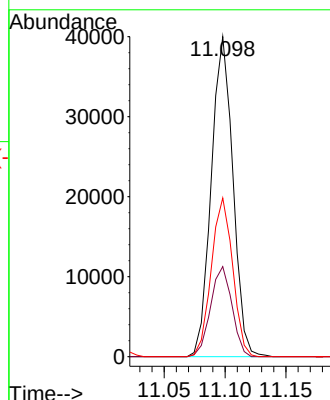
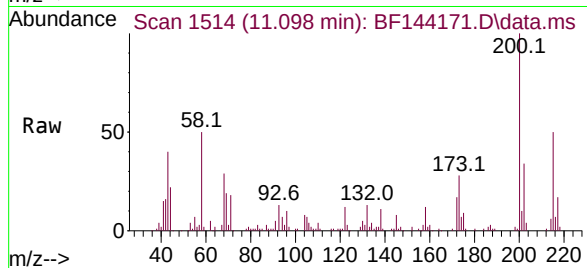
Tgt Ion:200 Resp: 49466

Ion Ratio Lower Upper

200 100

173 28.1 5.0 45.0

215 49.6 28.7 68.7



#70

Pentachlorophenol

Concen: 9.012 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

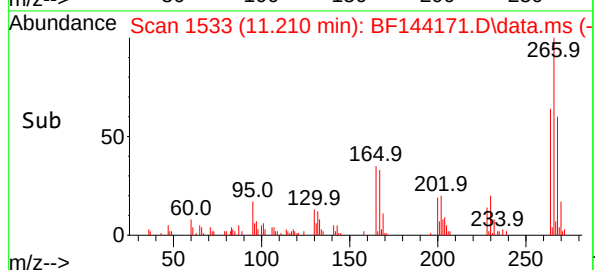
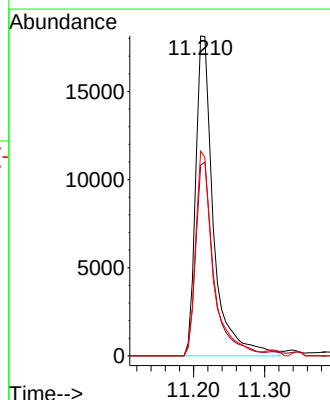
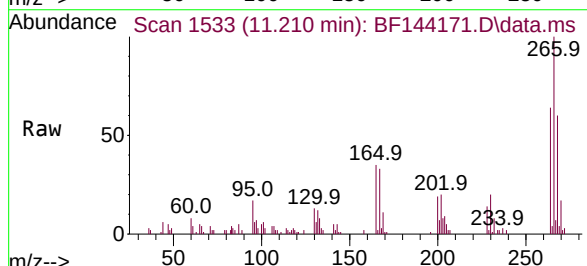
Tgt Ion:266 Resp: 31673

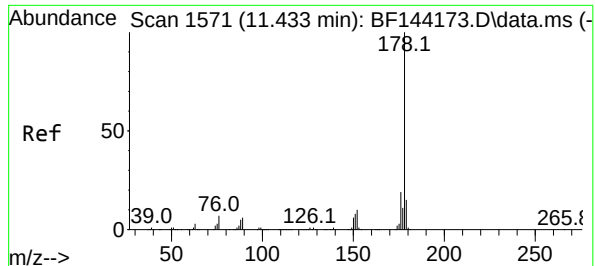
Ion Ratio Lower Upper

266 100

268 59.6 49.5 74.3

264 64.0 49.4 74.2

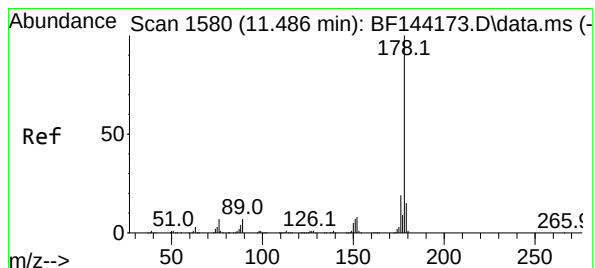
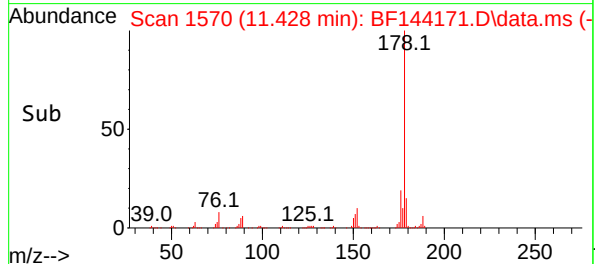
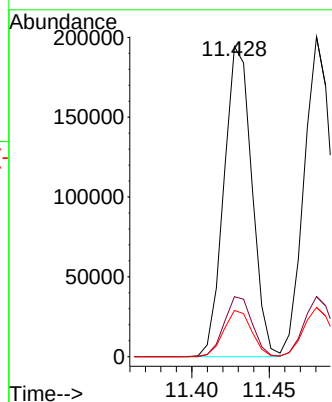
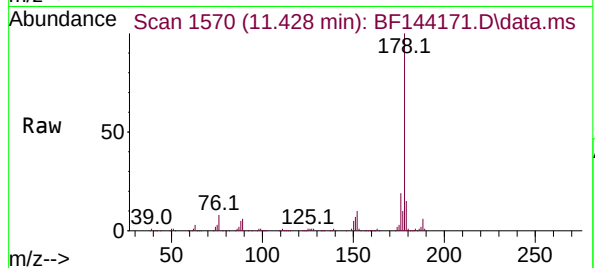




#71
Phenanthrene
Concen: 10.460 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

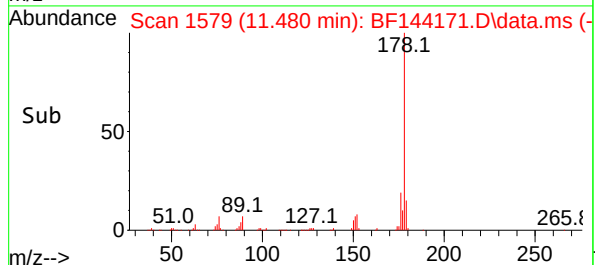
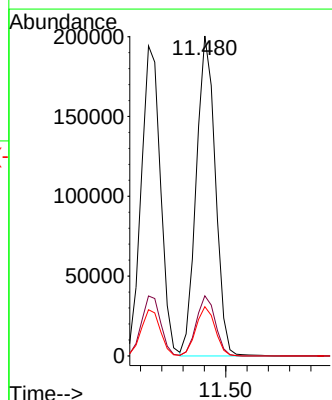
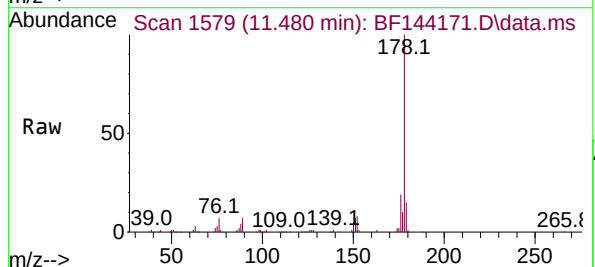
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

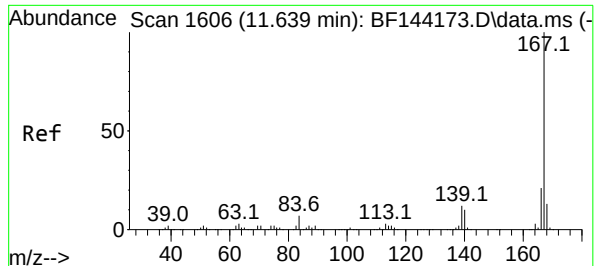
Tgt Ion:178 Resp: 244478
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 10.457 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

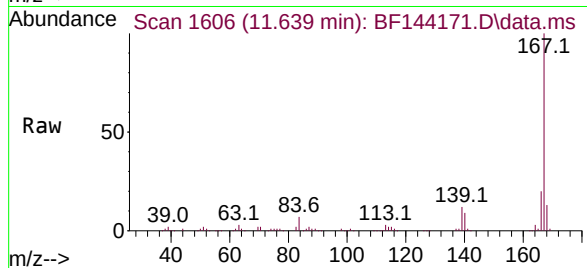
Tgt Ion:178 Resp: 248511
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.4 12.0 18.0



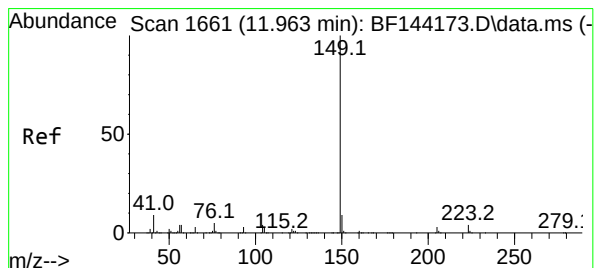
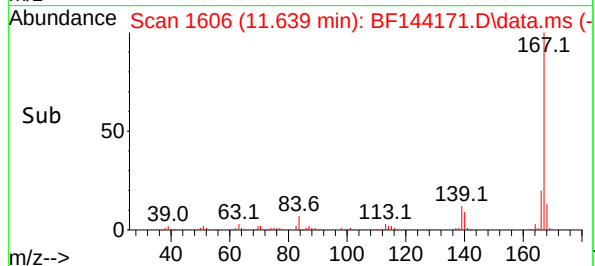
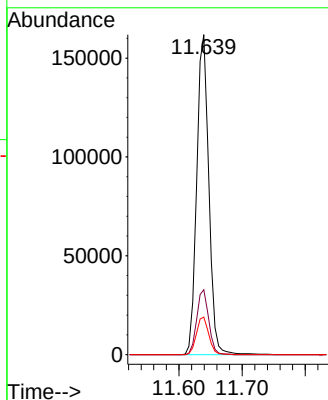


#73
Carbazole
Concen: 10.652 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

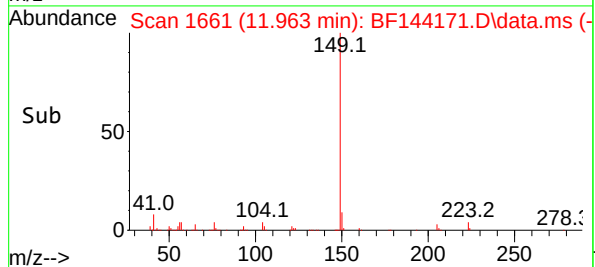
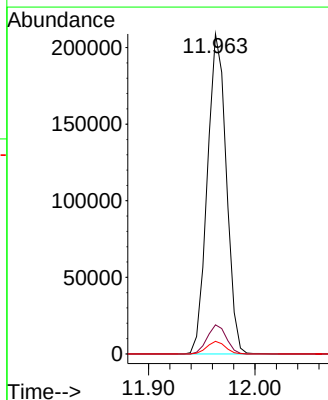
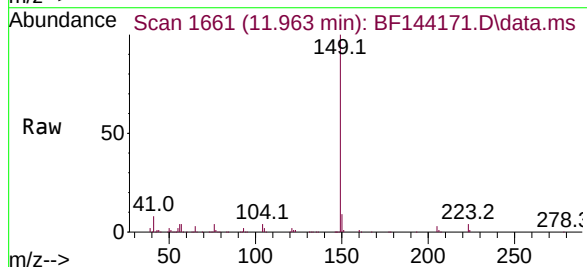


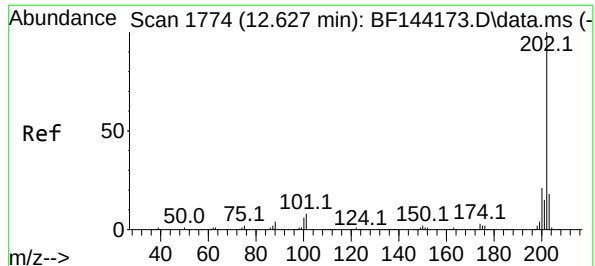
Tgt Ion:167 Resp: 215269
Ion Ratio Lower Upper
167 100
166 20.3 17.2 25.8
139 11.7 9.9 14.9



#74
Di-n-butylphthalate
Concen: 10.580 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

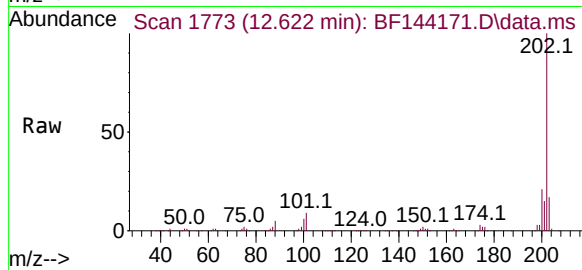
Tgt Ion:149 Resp: 258464
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 3.9 3.4 5.2



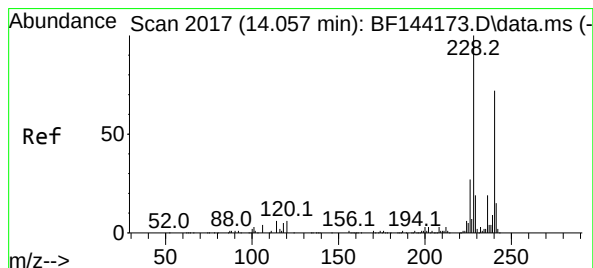
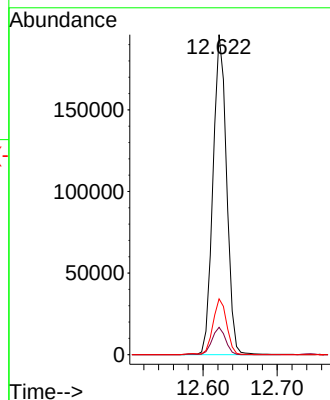
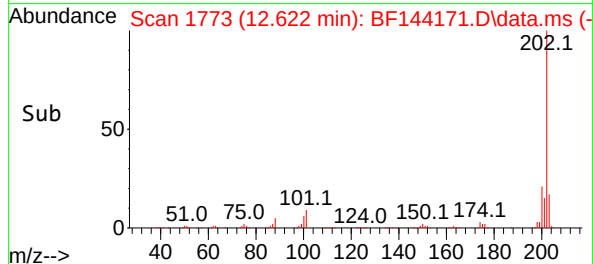


#75
Fluoranthene
Concen: 10.359 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

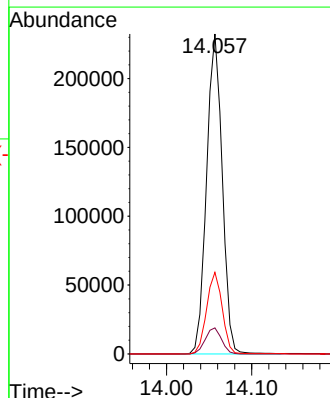
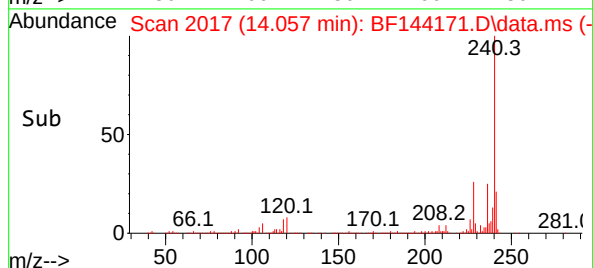
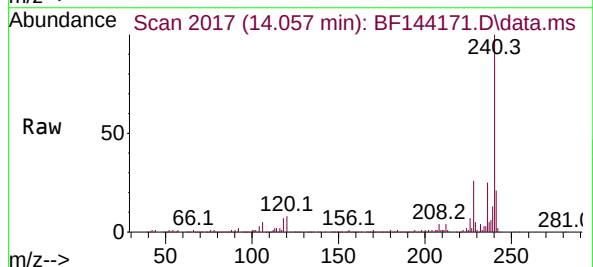


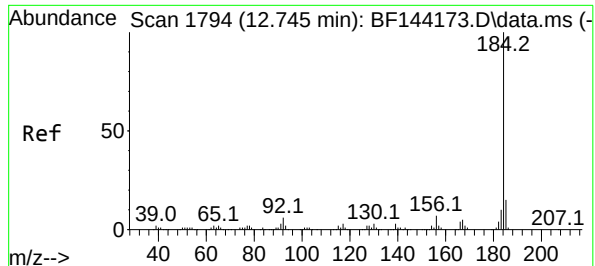
Tgt Ion:202 Resp: 250112
Ion Ratio Lower Upper
202 100
101 8.5 0.0 27.9
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:240 Resp: 296506
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 25.5 21.4 32.2





#77

Benzidine

Concen: 11.958 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

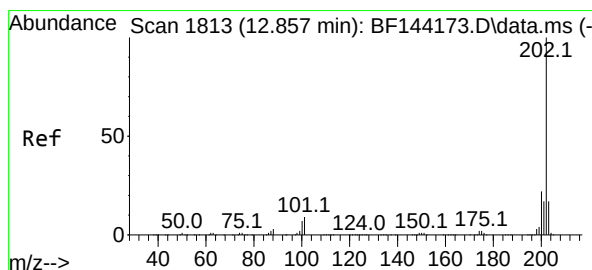
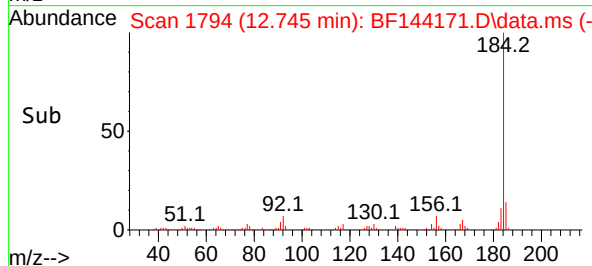
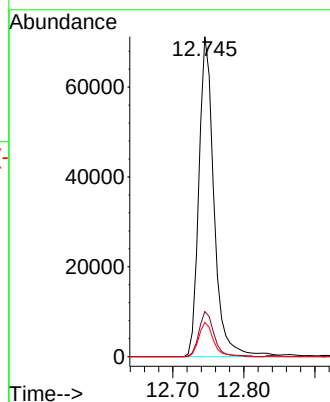
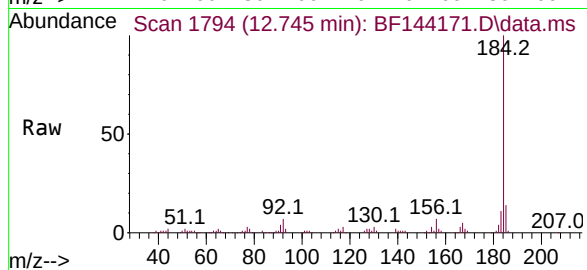
Tgt Ion:184 Resp: 104876

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 10.7 8.3 12.5



#78

Pyrene

Concen: 10.823 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

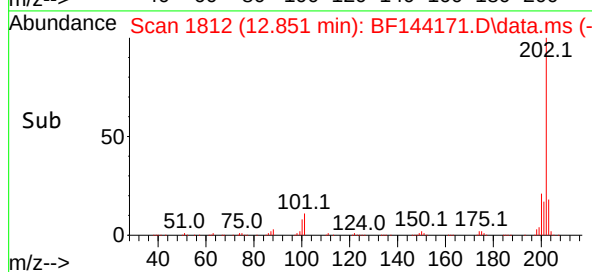
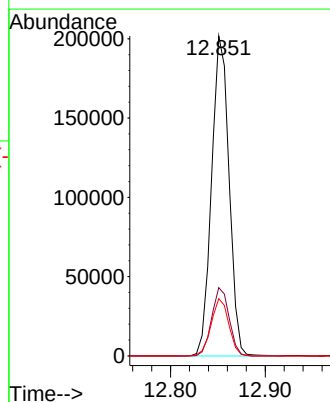
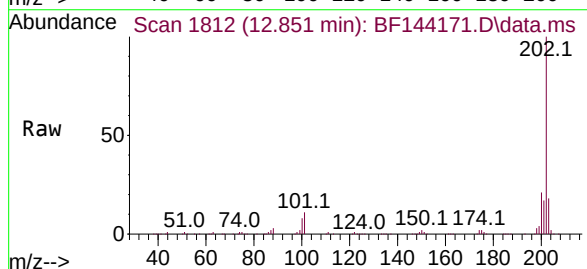
Tgt Ion:202 Resp: 258743

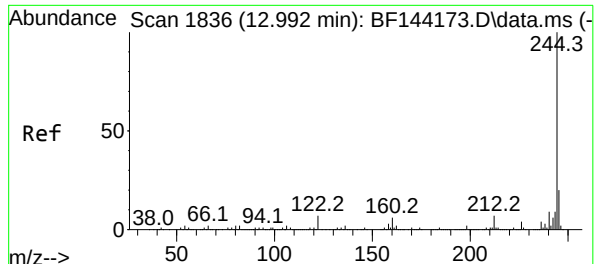
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.9 13.7 20.5





#79

Terphenyl-d14

Concen: 22.476 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144171.D

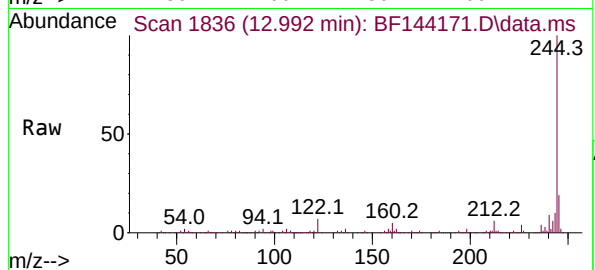
Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



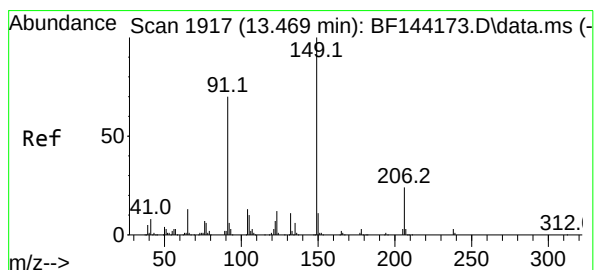
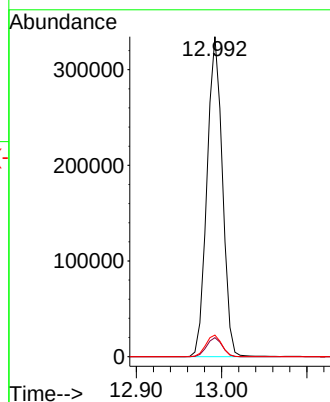
Tgt Ion:244 Resp: 419548

Ion Ratio Lower Upper

244 100

212 5.9 5.3 7.9

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 10.556 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

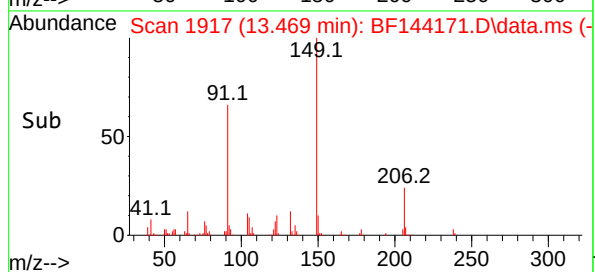
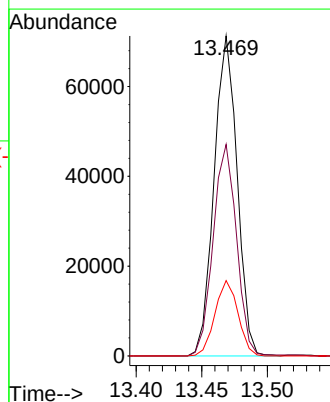
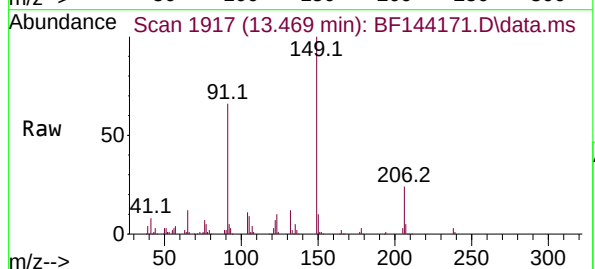
Tgt Ion:149 Resp: 87462

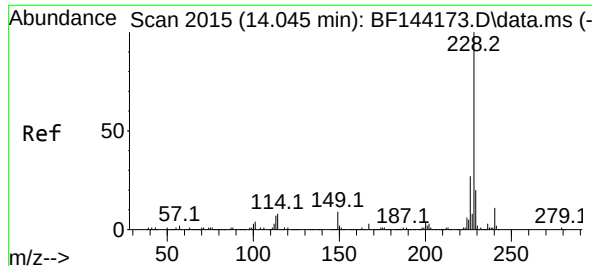
Ion Ratio Lower Upper

149 100

91 66.1 56.1 84.1

206 23.6 18.8 28.2

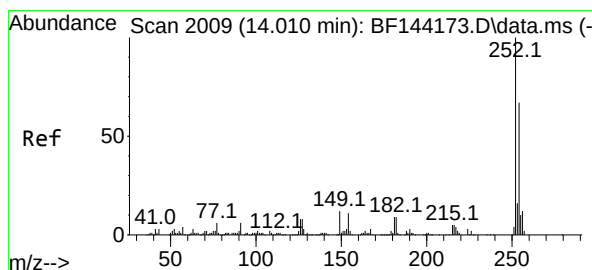
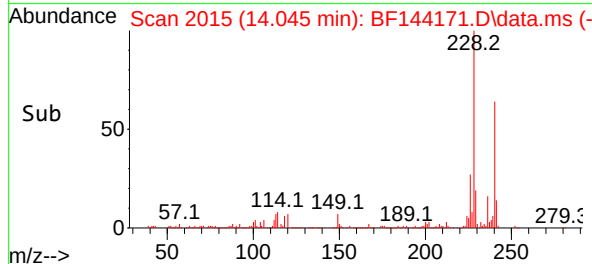
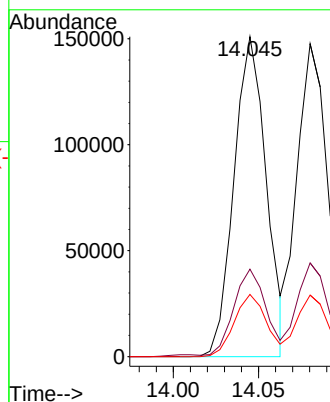
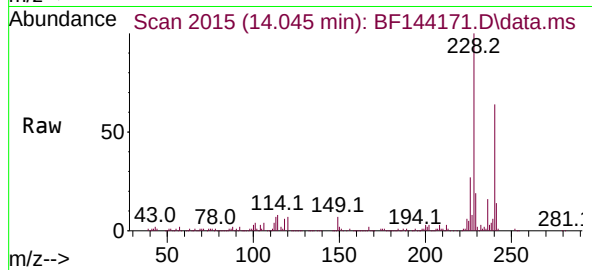




#81
Benzo(a)anthracene
Concen: 9.664 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

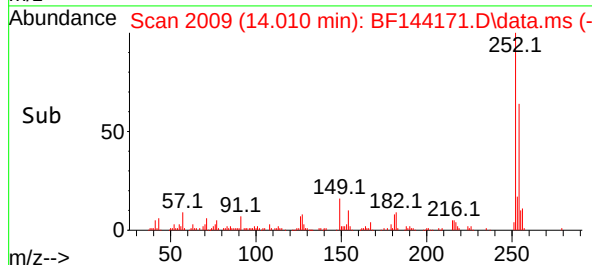
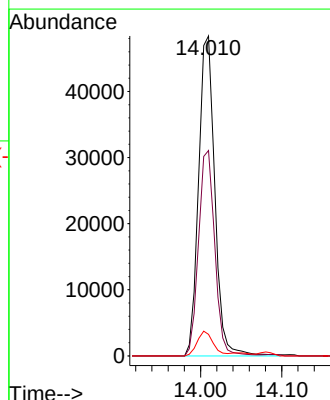
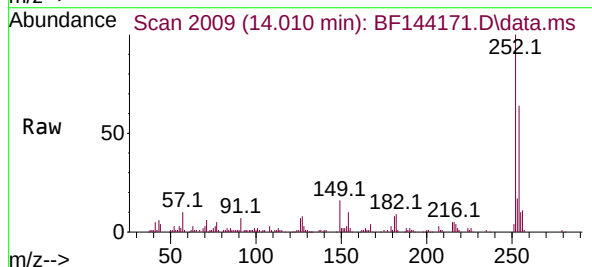
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

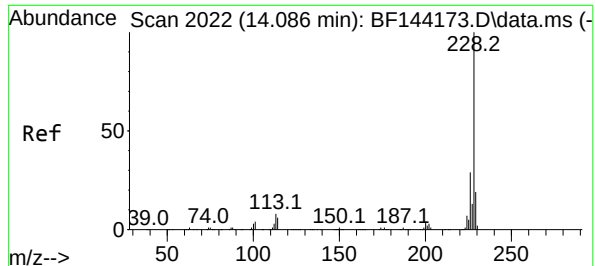
Tgt Ion:228 Resp: 198590
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 9.535 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:252 Resp: 67166
Ion Ratio Lower Upper
252 100
254 64.2 53.5 80.3
126 6.7 6.4 9.6





#83

Chrysene

Concen: 9.731 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

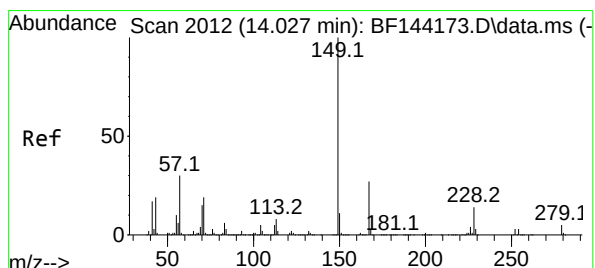
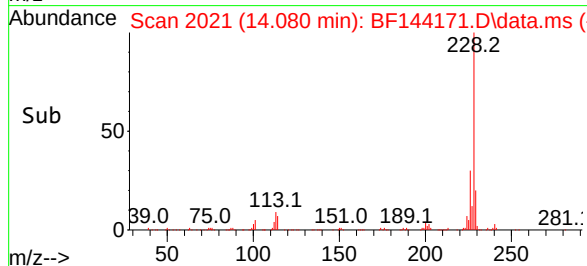
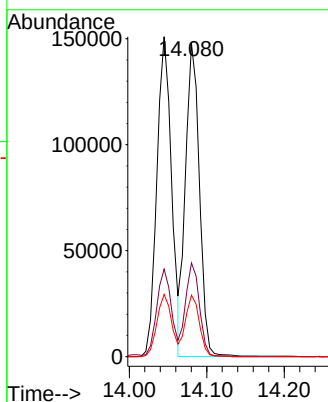
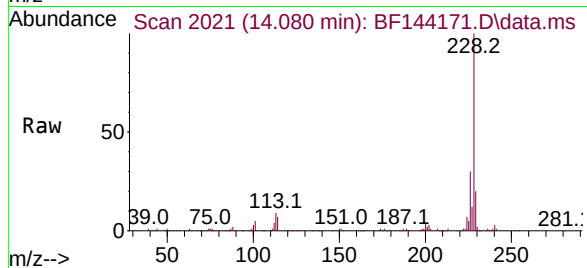
Tgt Ion:228 Resp: 184604

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 19.7 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.662 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

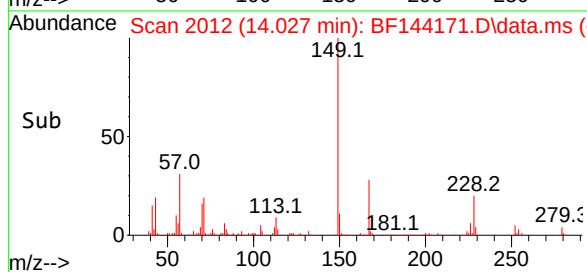
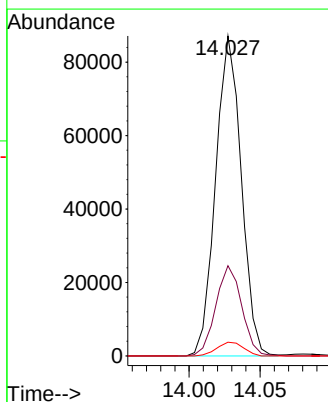
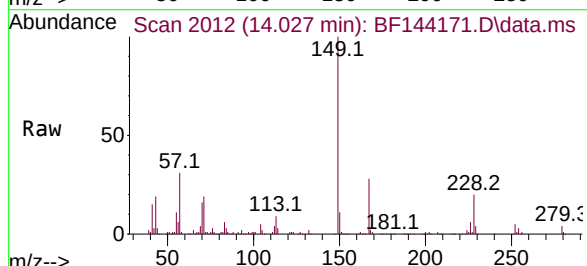
Tgt Ion:149 Resp: 109593

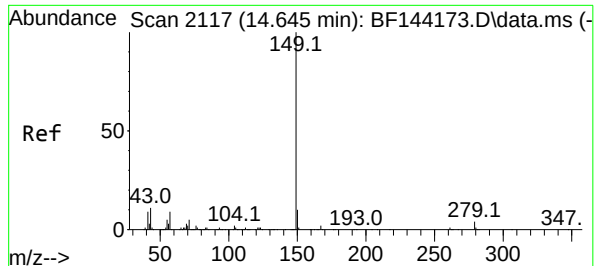
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.3 3.7 5.5

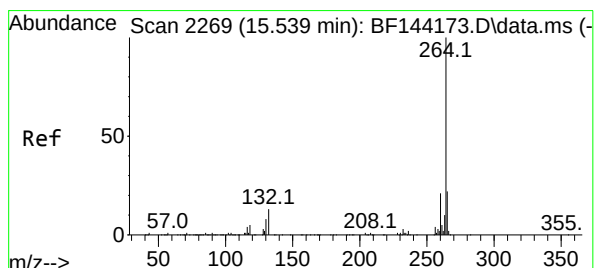
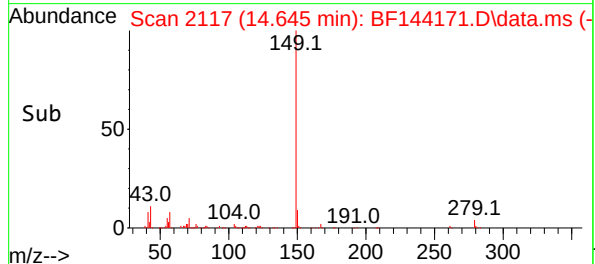
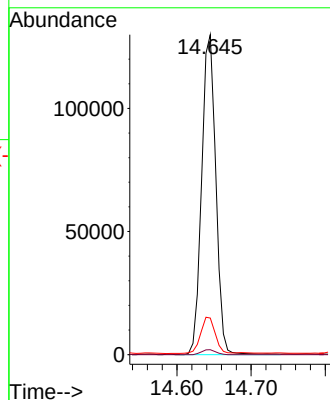
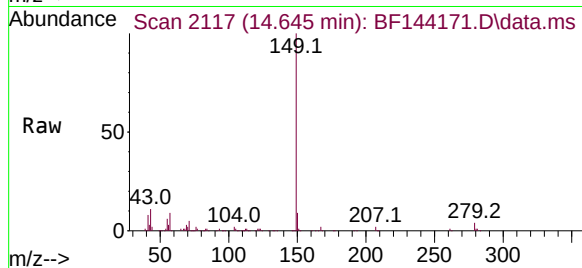




#85
Di-n-octyl phthalate
Concen: 8.811 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

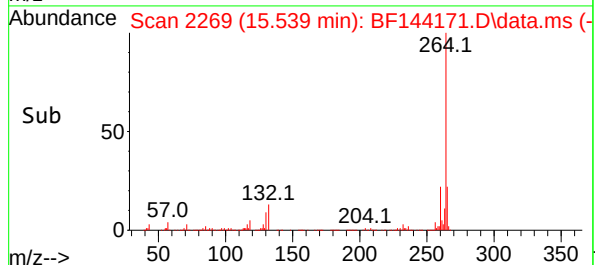
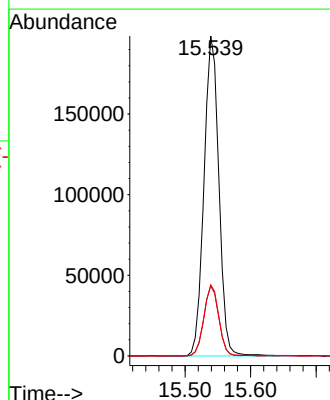
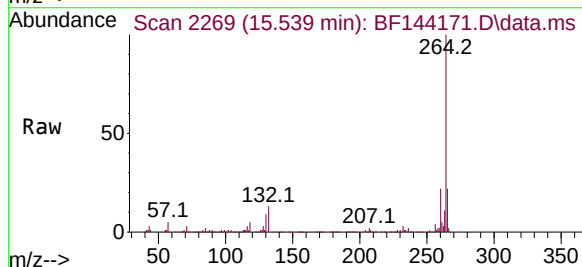
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

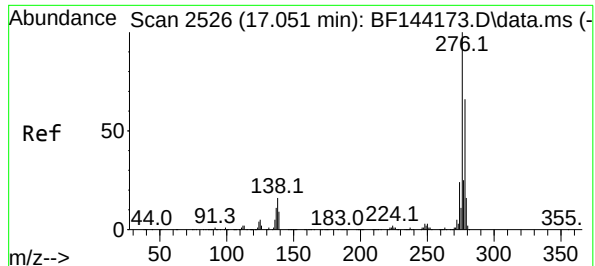
Tgt Ion:149 Resp: 172428
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.7 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:264 Resp: 311371
Ion Ratio Lower Upper
264 100
260 21.9 17.1 25.7
265 22.2 17.4 26.0

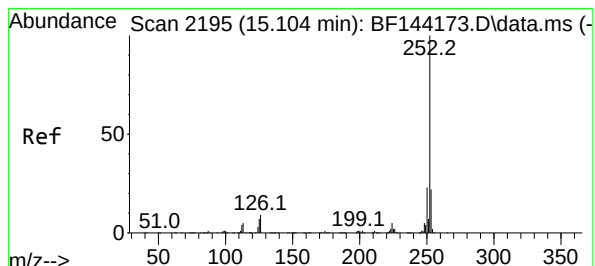
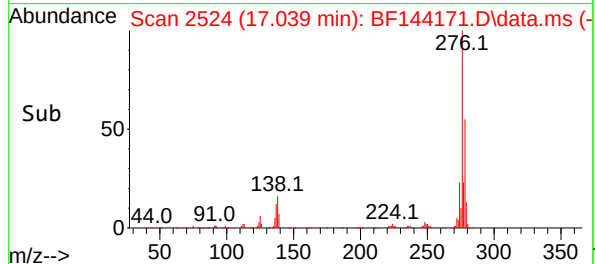
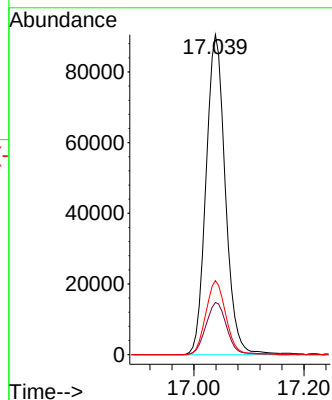
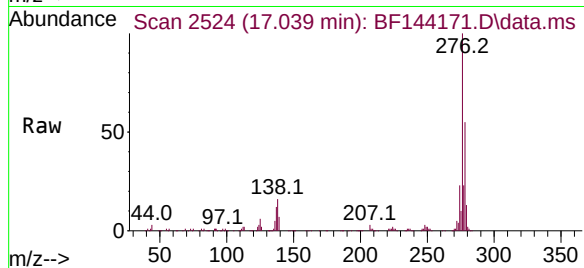




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.831 ng
RT: 17.039 min Scan# 219736
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

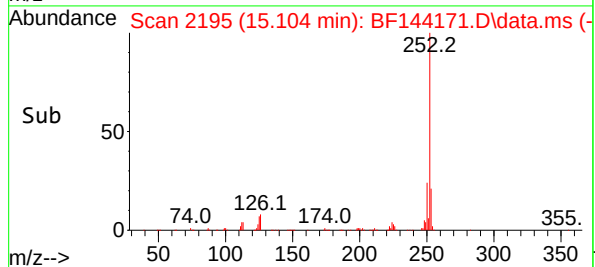
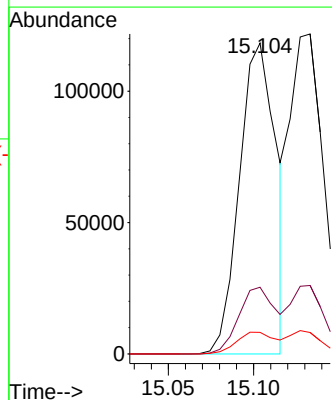
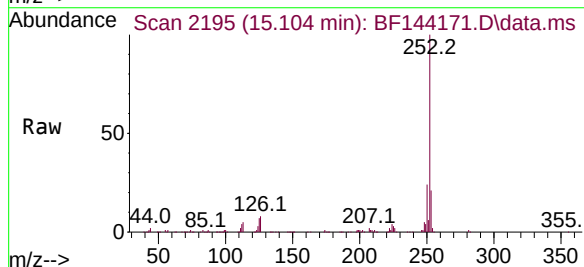
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

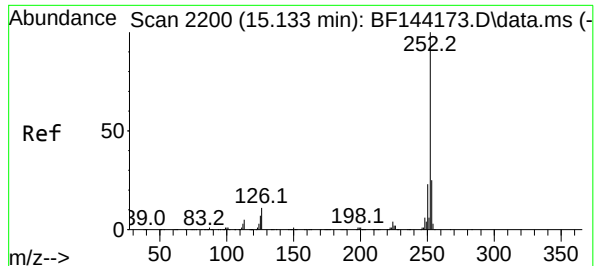
Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.9	20.9
277	23.8	19.8	29.6



#88
Benzo(b)fluoranthene
Concen: 9.963 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	6.9	5.3	7.9





#89

Benzo(k)fluoranthene

Concen: 10.283 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

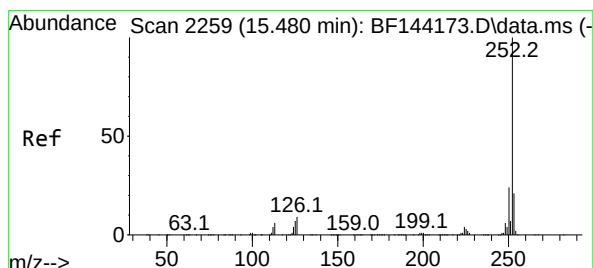
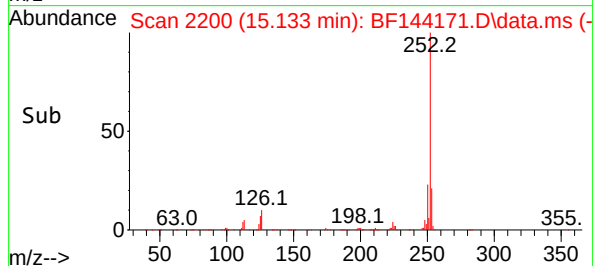
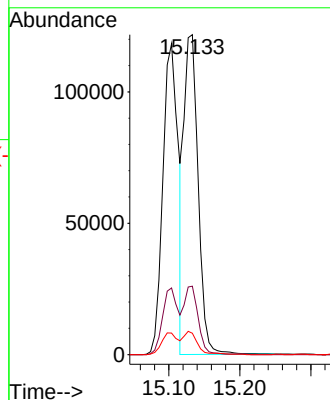
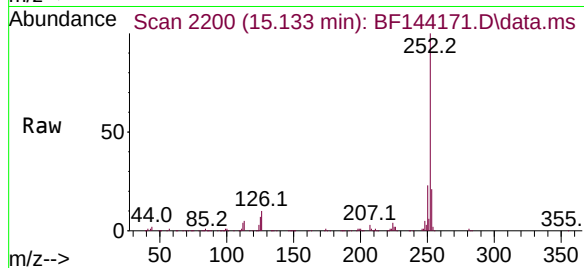
Tgt Ion:252 Resp: 170386

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 6.7 5.4 8.2



#90

Benzo(a)pyrene

Concen: 10.013 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

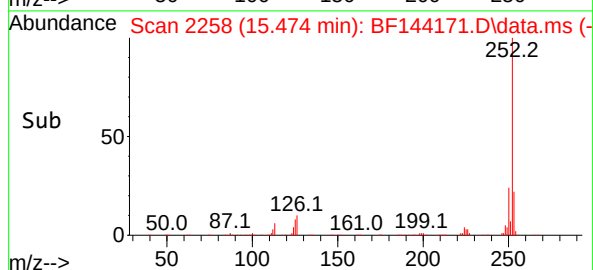
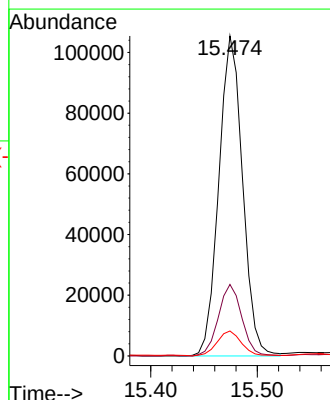
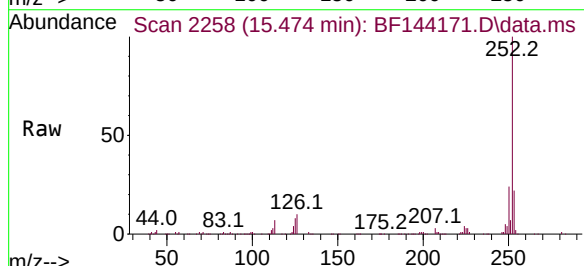
Tgt Ion:252 Resp: 163529

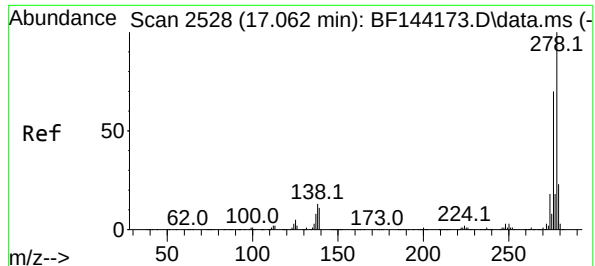
Ion Ratio Lower Upper

252 100

253 22.3 16.7 25.1

125 7.8 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 10.016 ng

RT: 17.051 min Scan# 2526

Delta R.T. -0.029 min

Lab File: BF144171.D

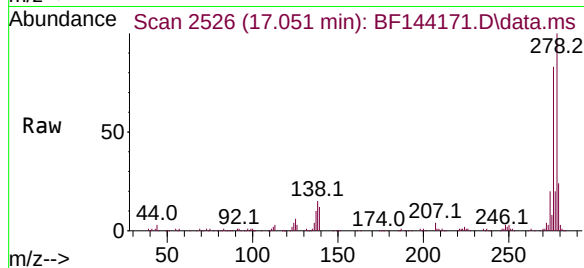
Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010



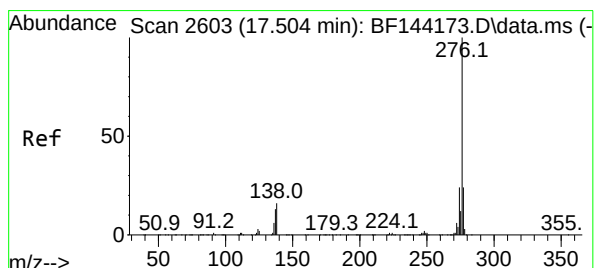
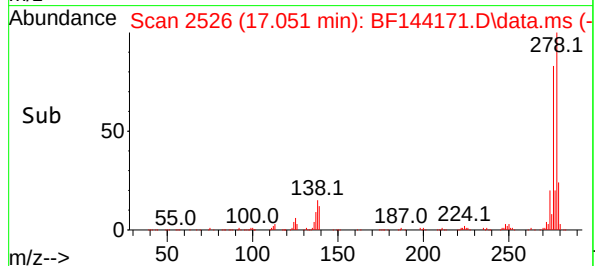
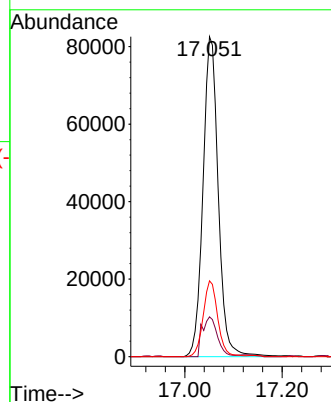
Tgt Ion:278 Resp: 179793

Ion Ratio Lower Upper

278 100

139 12.5 9.1 13.7

279 23.7 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 9.877 ng

RT: 17.492 min Scan# 2601

Delta R.T. -0.029 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

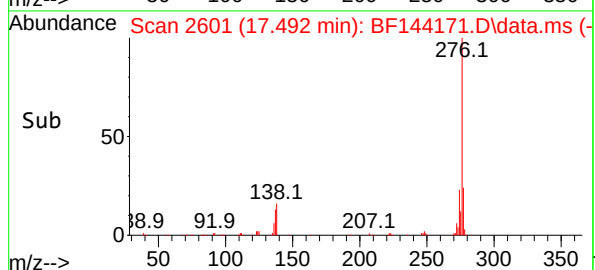
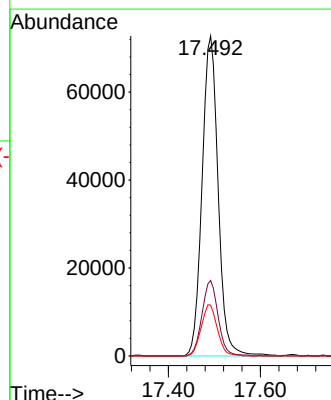
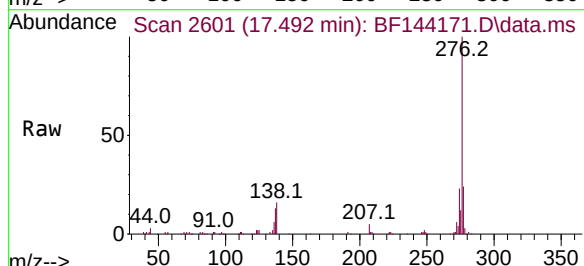
Tgt Ion:276 Resp: 175090

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 15.9 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144172.D
 Acq On : 05 Nov 2025 14:20
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 05 17:23:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	97055	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	380834	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	220087	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	388430	20.000	ng	0.00
76) Chrysene-d12	14.057	240	250706	20.000	ng	0.00
86) Perylene-d12	15.539	264	297677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	255468	41.191	ng	0.00
7) Phenol-d6	6.498	99	293338	41.742	ng	-0.01
23) Nitrobenzene-d5	7.434	82	265652	40.287	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	112928	40.889	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	599169	40.208	ng	0.00
79) Terphenyl-d14	12.992	244	638611	40.461	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.611	88	50319	19.624	ng	99
3) Pyridine	3.387	79	144716	20.230	ng	97
4) n-Nitrosodimethylamine	3.322	42	70474	18.860	ng	99
6) Aniline	6.534	93	205178	20.492	ng	100
8) 2-Chlorophenol	6.657	128	125443	20.624	ng	99
9) Benzaldehyde	6.428	77	88978	22.422	ng	99
10) Phenol	6.516	94	178562	20.797	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	130219	20.814	ng	98
12) 1,3-Dichlorobenzene	6.816	146	153679	20.476	ng	97
13) 1,4-Dichlorobenzene	6.893	146	153656	20.435	ng	99
14) 1,2-Dichlorobenzene	7.046	146	144447	20.042	ng	99
15) Benzyl Alcohol	7.016	79	115331	20.726	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	242281	21.029	ng	95
17) 2-Methylphenol	7.122	107	97725	20.196	ng	96
18) Hexachloroethane	7.387	117	51648	20.675	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	96676	20.897	ng	99
20) 3+4-Methylphenols	7.275	107	118666	20.804	ng	94
22) Acetophenone	7.281	105	165374	20.242	ng	97
24) Nitrobenzene	7.457	77	143192	20.000	ng	97
25) Isophorone	7.693	82	254863	20.434	ng	97
26) 2-Nitrophenol	7.775	139	72909	20.572	ng	97
27) 2,4-Dimethylphenol	7.804	122	100827	18.981	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	157029	20.161	ng	96
29) 2,4-Dichlorophenol	8.016	162	125803	20.548	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	126402	20.106	ng	96
31) Naphthalene	8.181	128	373973	20.643	ng	99
32) Benzoic acid	7.916	122	83801	21.522	ng	97
33) 4-Chloroaniline	8.228	127	135273	20.474	ng	99
34) Hexachlorobutadiene	8.292	225	95971	20.255	ng	99
35) Caprolactam	8.587	113	35272	21.028	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	115603	21.069	ng	99
37) 2-Methylnaphthalene	8.869	142	253201	20.905	ng	99
38) 1-Methylnaphthalene	8.969	142	240612	20.588	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	144980	20.100	ng	99
41) Hexachlorocyclopentadiene	9.022	237	31247	18.527	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	98855	20.136	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144172.D
 Acq On : 05 Nov 2025 14:20
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 05 17:23:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

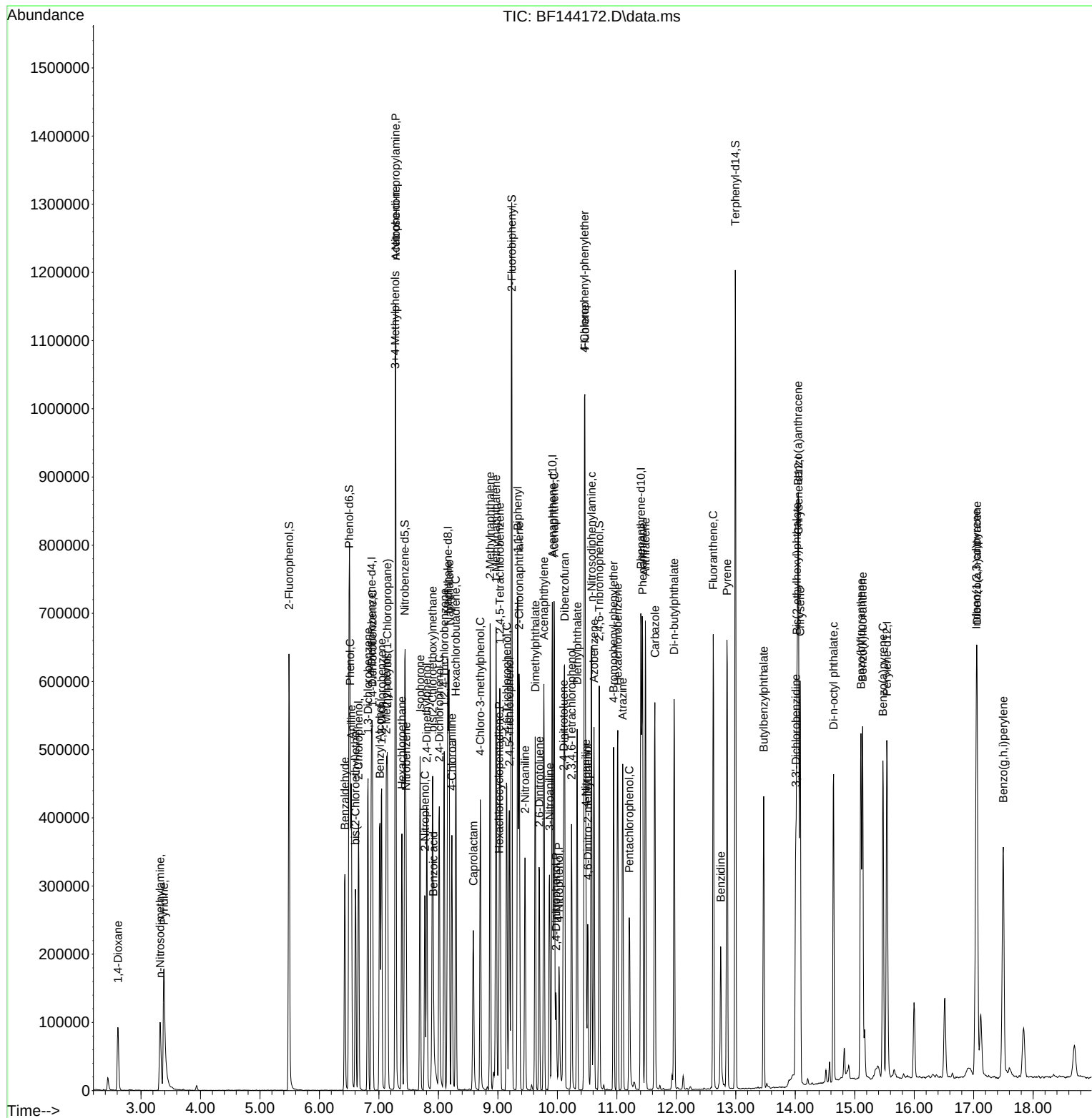
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	109277	20.653	ng	98
46) 1,1'-Biphenyl	9.334	154	313667	20.417	ng	99
47) 2-Chloronaphthalene	9.357	162	265522	20.262	ng	99
48) 2-Nitroaniline	9.457	65	76785	20.308	ng	97
49) Acenaphthylene	9.775	152	369018	20.664	ng	98
50) Dimethylphthalate	9.628	163	299125	20.516	ng	99
51) 2,6-Dinitrotoluene	9.698	165	59656	20.212	ng	96
52) Acenaphthene	9.945	154	246497	20.641	ng	99
53) 3-Nitroaniline	9.869	138	66539	20.623	ng	98
54) 2,4-Dinitrophenol	9.981	184	36453	20.453	ng	96
55) Dibenzofuran	10.122	168	348955	20.864	ng	98
56) 4-Nitrophenol	10.028	139	44352	19.003	ng	99
57) 2,4-Dinitrotoluene	10.104	165	81812	20.706	ng	98
58) Fluorene	10.463	166	263546	20.725	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	73978	19.762	ng	97
60) Diethylphthalate	10.334	149	276008	20.535	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	149181	20.595	ng	99
62) 4-Nitroaniline	10.481	138	64484	20.987	ng	97
63) Azobenzene	10.616	77	252025	20.147	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	53585	20.307	ng	99
66) n-Nitrosodiphenylamine	10.575	169	246642	19.743	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	98958	19.959	ng	98
68) Hexachlorobenzene	11.016	284	118426	20.279	ng	94
69) Atrazine	11.098	200	83639	21.052	ng	98
70) Pentachlorophenol	11.210	266	55766	19.177	ng	99
71) Phenanthrene	11.433	178	382805	19.794	ng	99
72) Anthracene	11.481	178	399043	20.292	ng	98
73) Carbazole	11.639	167	342636	20.490	ng	99
74) Di-n-butylphthalate	11.963	149	418262	20.691	ng	100
75) Fluoranthene	12.622	202	408870	20.466	ng	99
77) Benzidine	12.745	184	130033	17.535	ng	100
78) Pyrene	12.851	202	408920	20.229	ng	99
80) Butylbenzylphthalate	13.469	149	137856	19.677	ng	99
81) Benzo(a)anthracene	14.045	228	333458	19.191	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	115478	19.389	ng	96
83) Chrysene	14.080	228	320726	19.995	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	189305	19.738	ng	100
85) Di-n-octyl phthalate	14.645	149	318841	19.268	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	430691	20.155	ng	99
88) Benzo(b)fluoranthene	15.104	252	331673	19.598	ng	100
89) Benzo(k)fluoranthene	15.133	252	322479	20.358	ng	98
90) Benzo(a)pyrene	15.474	252	314894	20.169	ng	97
91) Dibenzo(a,h)anthracene	17.057	278	349788	20.383	ng	99
92) Benzo(g,h,i)perylene	17.498	276	343144	20.248	ng	99

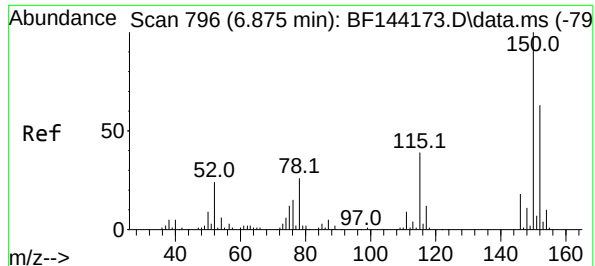
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF144172.D  
Acq On    : 05 Nov 2025  14:20  
Operator  : RC/JU  
Sample    : SSTDICC020  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Nov 05 17:23:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

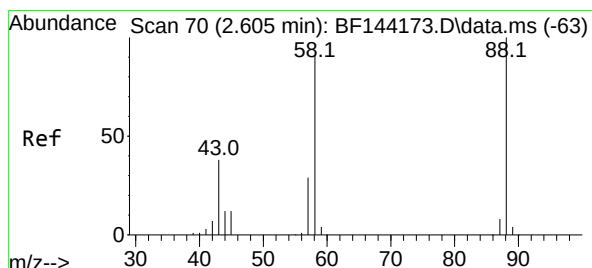
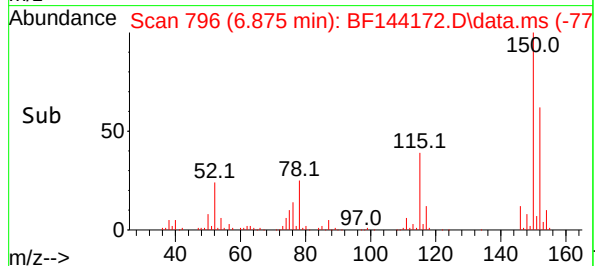
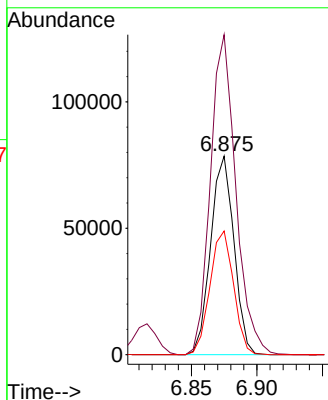
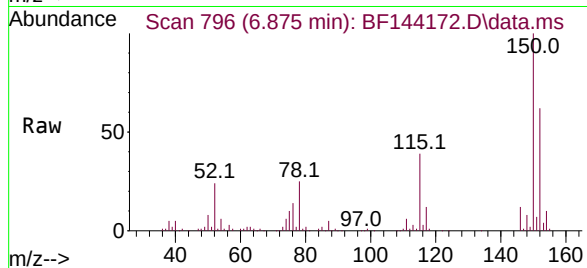




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

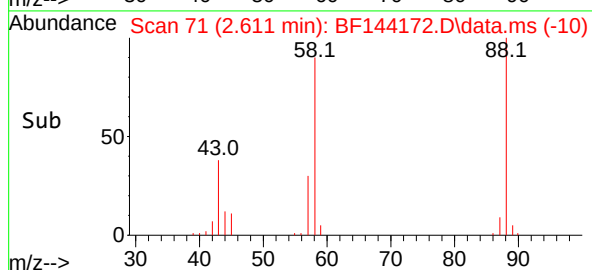
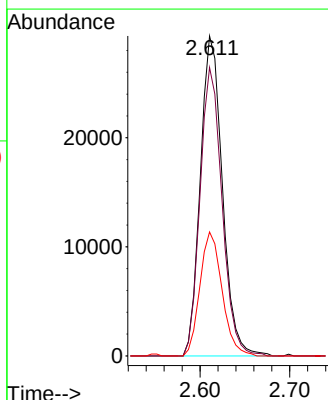
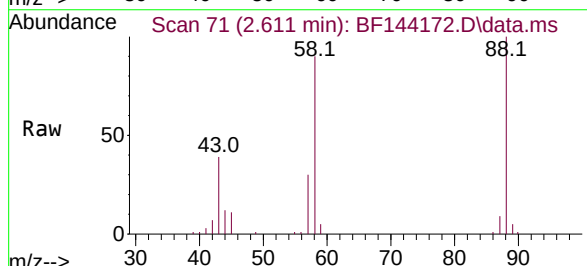
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

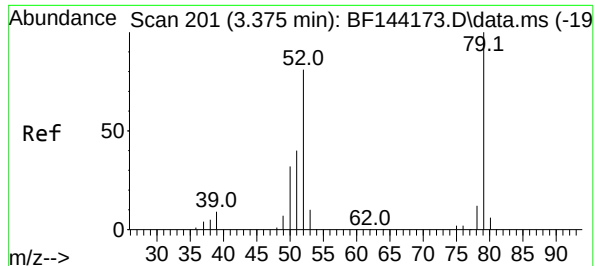
Tgt Ion:152 Resp: 97055
Ion Ratio Lower Upper
152 100
150 161.2 127.4 191.0
115 62.2 49.5 74.3



#2
1,4-Dioxane
Concen: 19.624 ng
RT: 2.611 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 88 Resp: 50319
Ion Ratio Lower Upper
88 100
58 89.7 73.1 109.7
43 38.8 31.0 46.6

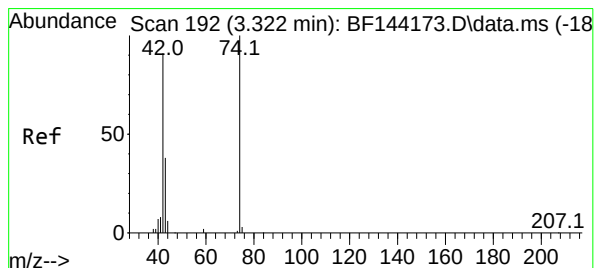
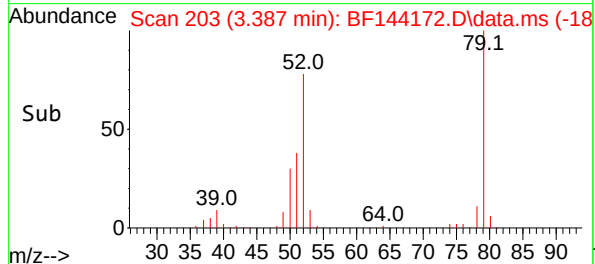
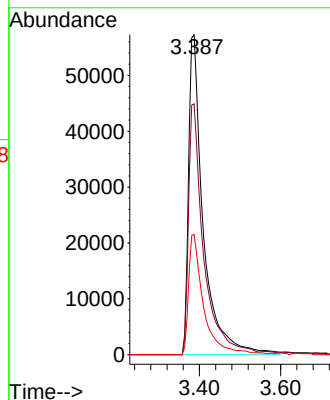
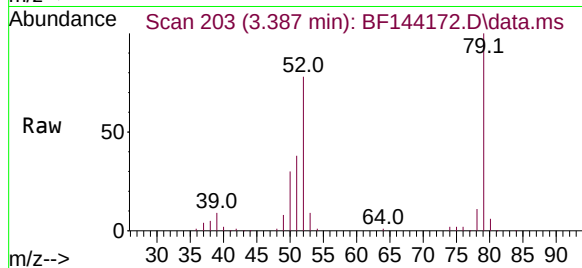




#3
Pyridine
Concen: 20.230 ng
RT: 3.387 min Scan# 201
Delta R.T. 0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

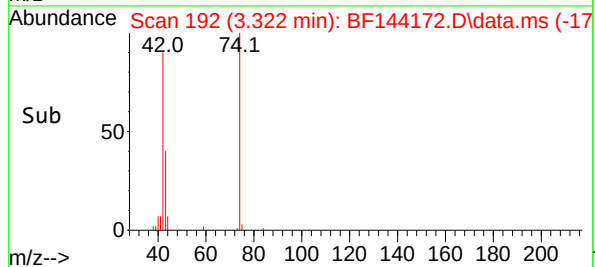
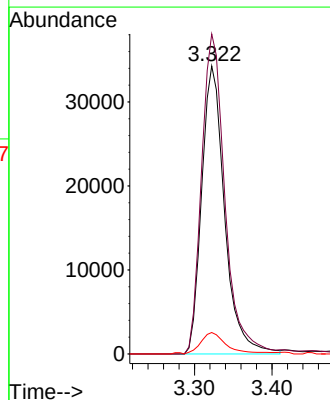
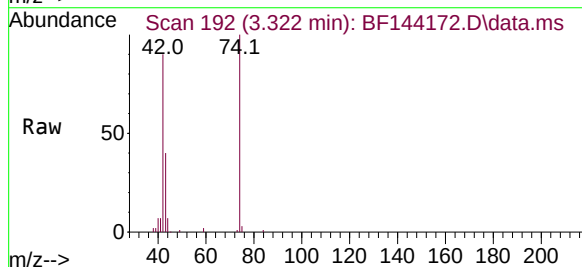
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

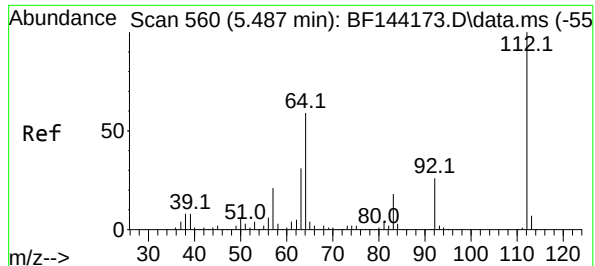
Tgt Ion	Ratio	Lower	Upper
79	100		
52	78.4	64.5	96.7
51	37.5	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 18.860 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.1	88.2	132.4
44	7.4	5.7	8.5



#5
2-Fluorophenol

Concen: 41.191 ng

RT: 5.487 min Scan# 50

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

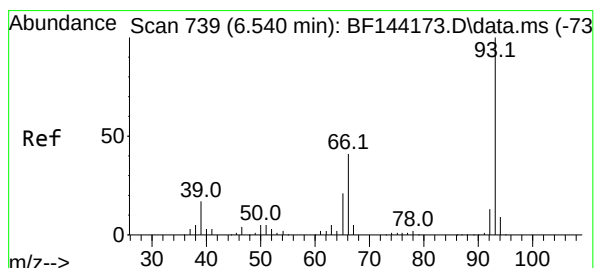
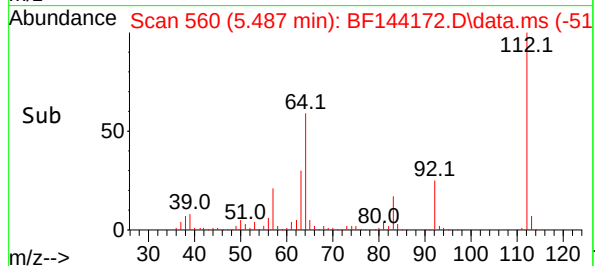
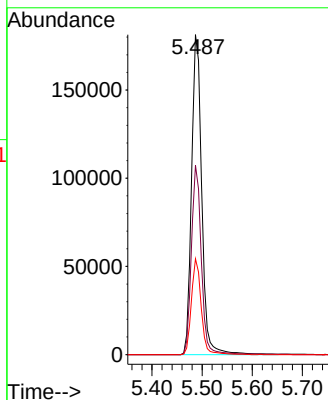
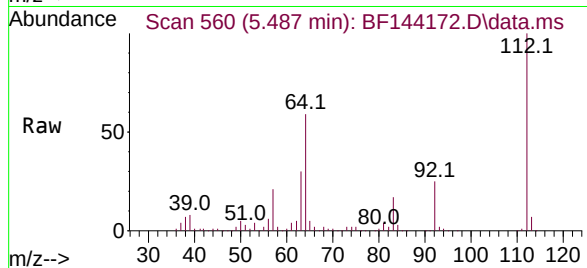
Tgt Ion:112 Resp: 255468

Ion Ratio Lower Upper

112 100

64 59.2 47.2 70.8

63 29.9 24.4 36.6



#6

Aniline

Concen: 20.492 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

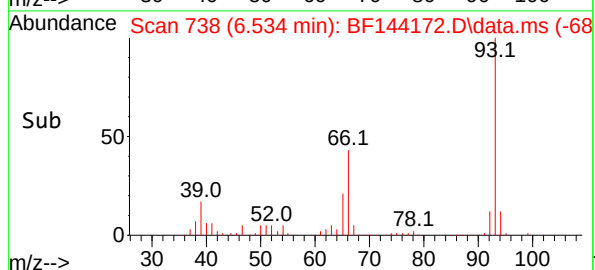
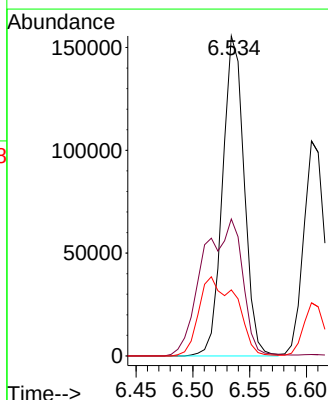
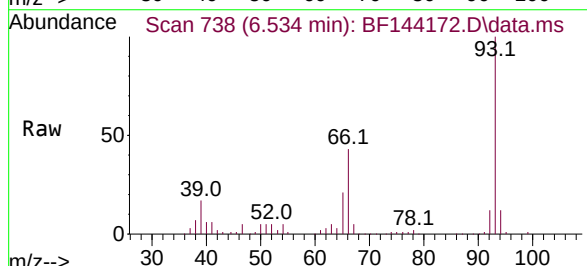
Tgt Ion: 93 Resp: 205178

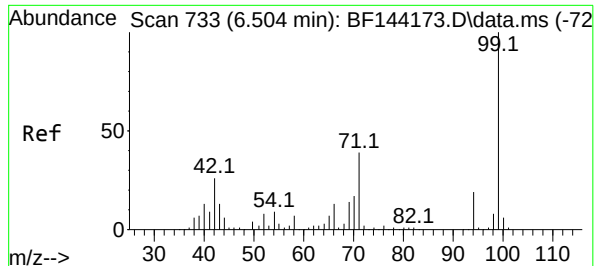
Ion Ratio Lower Upper

93 100

66 42.8 34.3 51.5

65 20.6 16.9 25.3





#7

Phenol-d6

Concen: 41.742 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

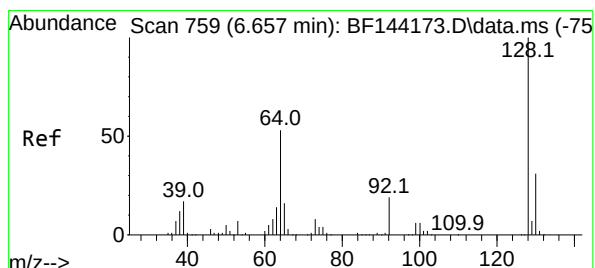
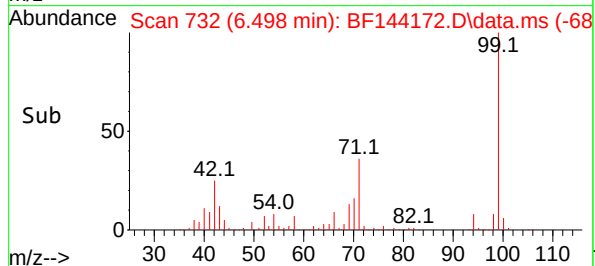
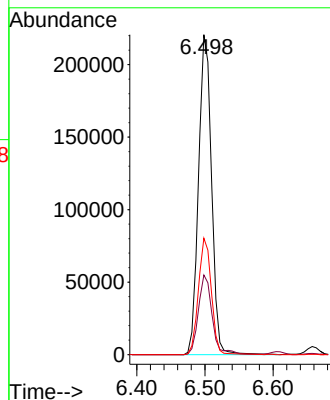
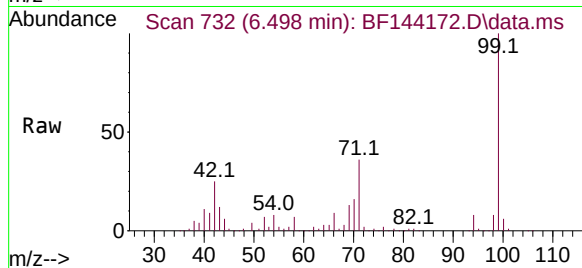
Tgt Ion: 99 Resp: 293338

Ion Ratio Lower Upper

99 100

42 24.9 20.9 31.3

71 36.4 31.4 47.2



#8

2-Chlorophenol

Concen: 20.624 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

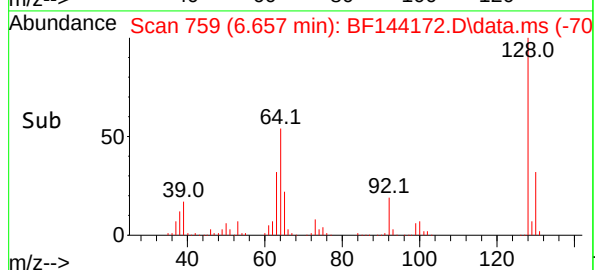
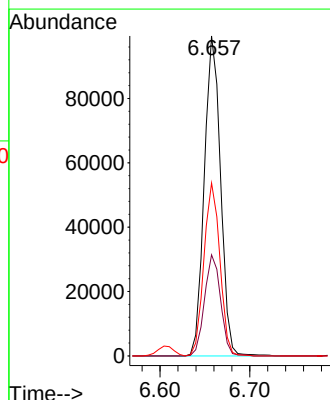
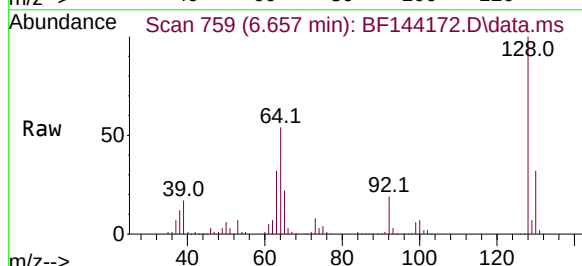
Tgt Ion: 128 Resp: 125443

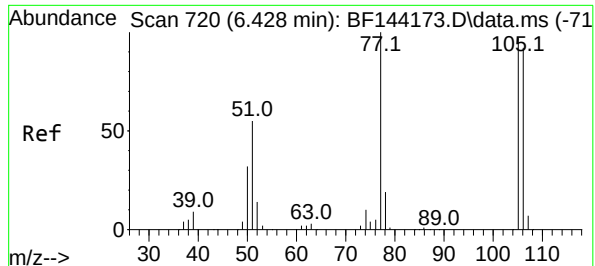
Ion Ratio Lower Upper

128 100

130 31.6 10.5 50.5

64 54.0 33.2 73.2



#9
Benzaldehyde

Concen: 22.422 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

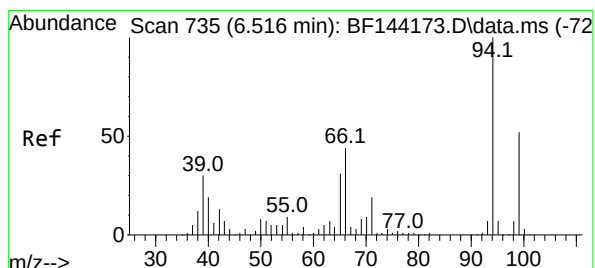
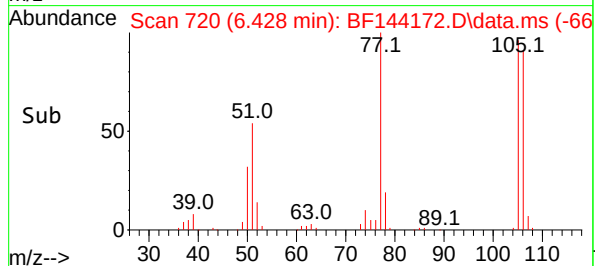
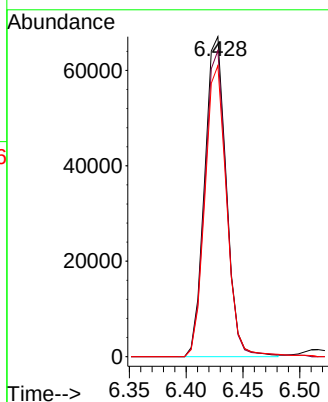
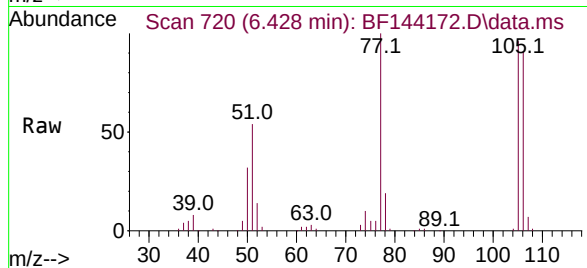
Tgt Ion: 77 Resp: 88978

Ion Ratio Lower Upper

77 100

105 95.6 77.2 117.2

106 90.9 72.2 112.2



#10

Phenol

Concen: 20.797 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

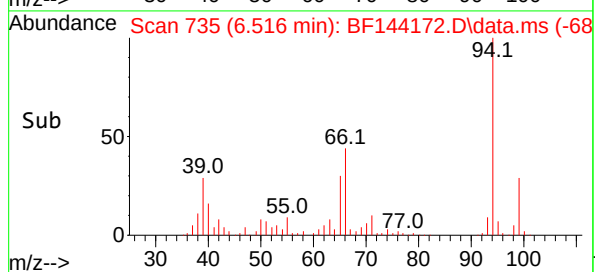
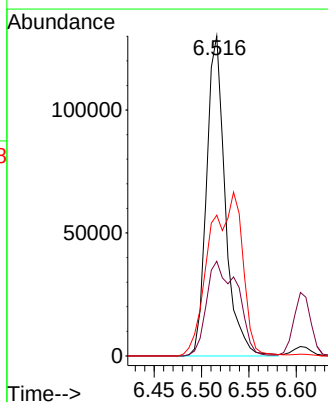
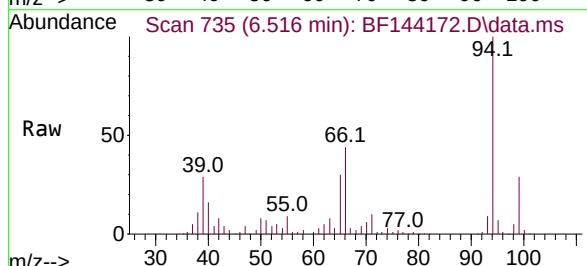
Tgt Ion: 94 Resp: 178562

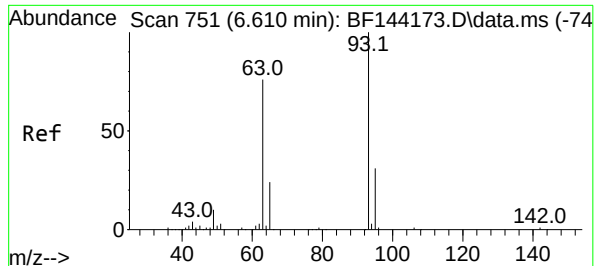
Ion Ratio Lower Upper

94 100

65 29.6 10.8 50.8

66 44.0 24.3 64.3

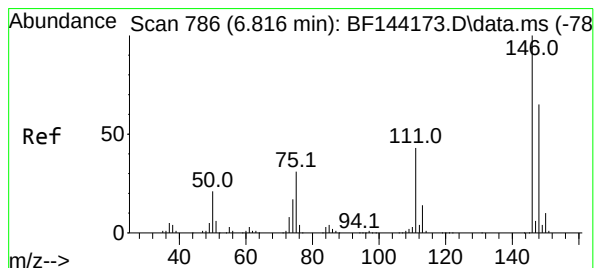
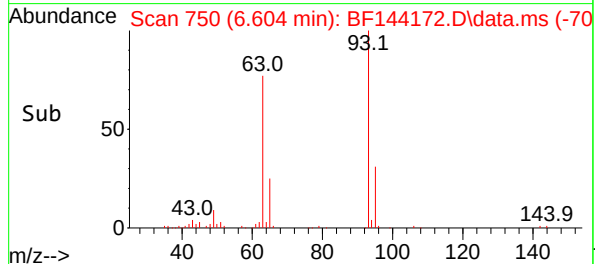
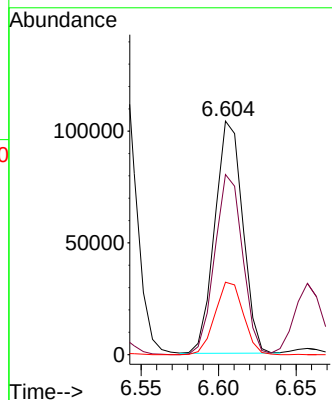
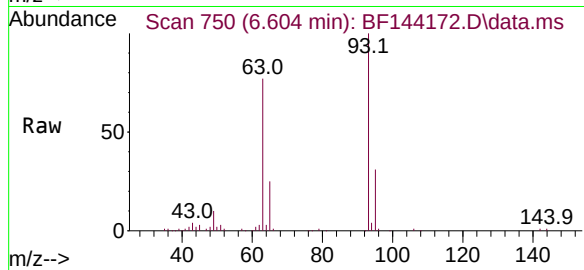




#11
bis(2-Chloroethyl)ether
Concen: 20.814 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

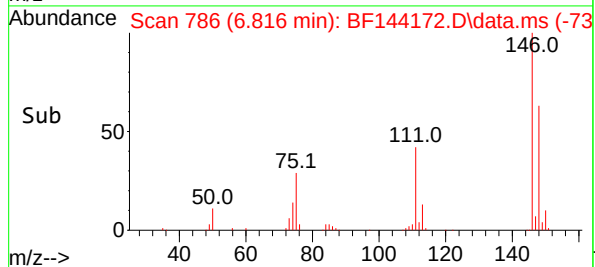
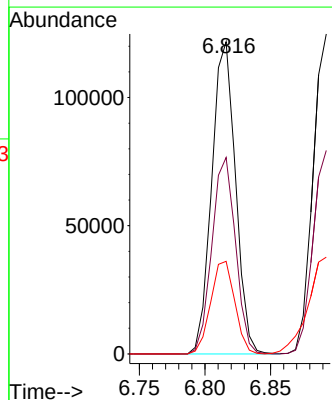
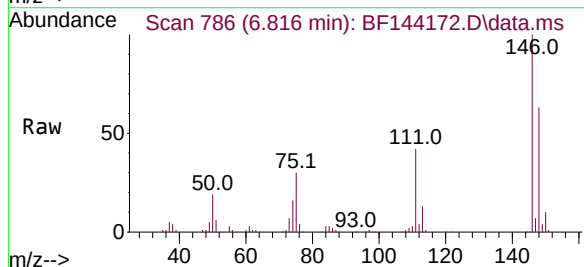
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

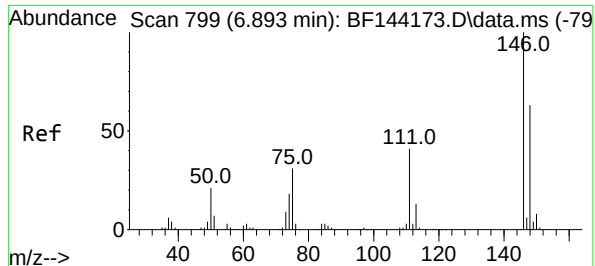
Tgt Ion: 93 Resp: 130219
Ion Ratio Lower Upper
93 100
63 77.1 55.2 95.2
95 31.0 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 20.476 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:146 Resp: 153679
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 29.7 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 20.435 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

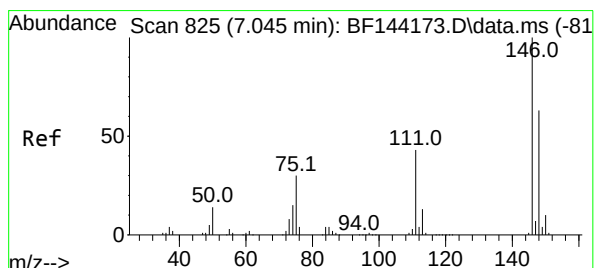
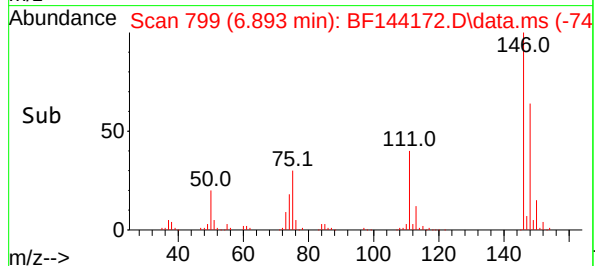
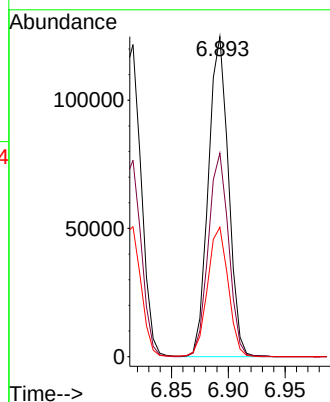
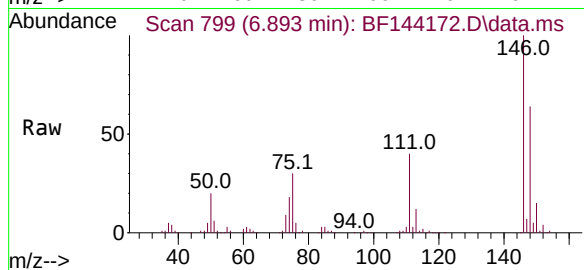
Tgt Ion:146 Resp: 153656

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 40.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 20.042 ng

RT: 7.046 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

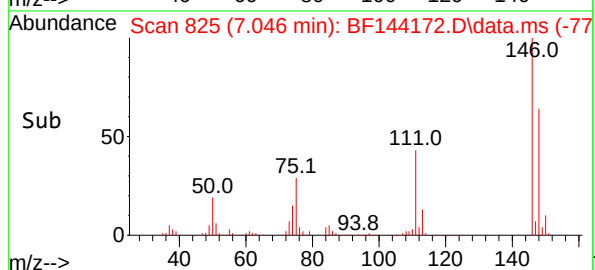
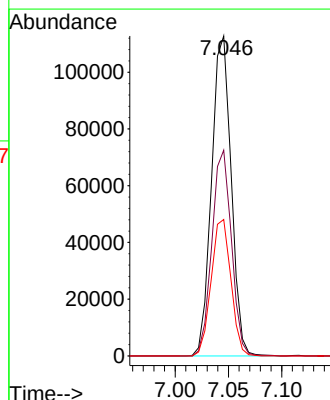
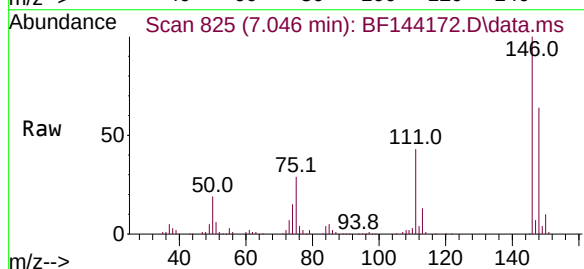
Tgt Ion:146 Resp: 144447

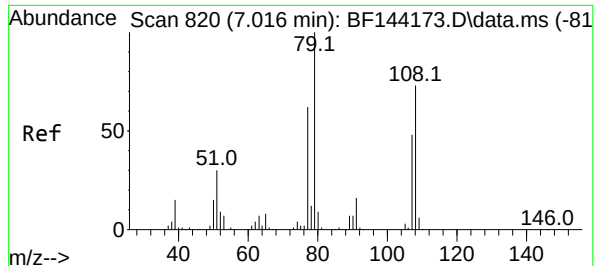
Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

111 42.6 34.2 51.4

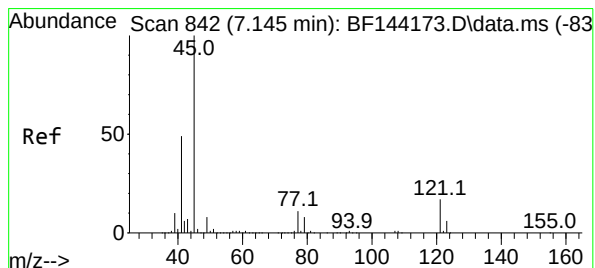
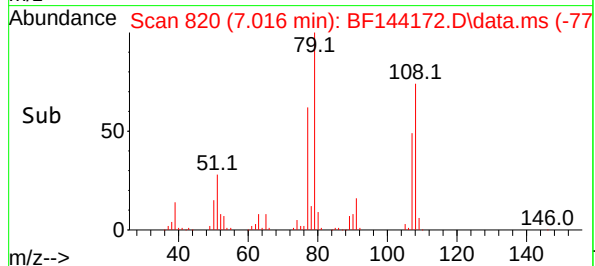
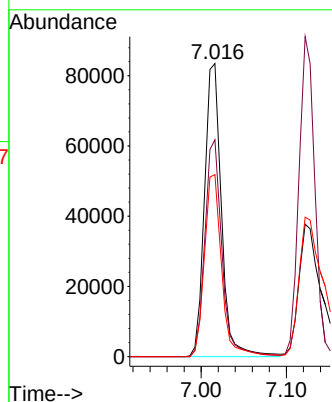
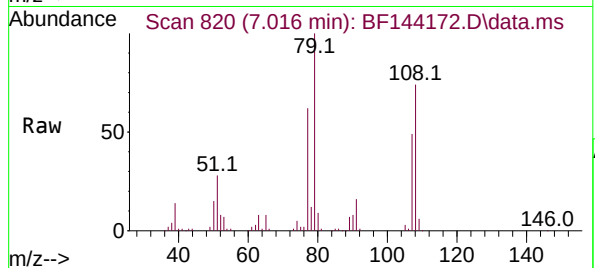




#15
Benzyl Alcohol
Concen: 20.726 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

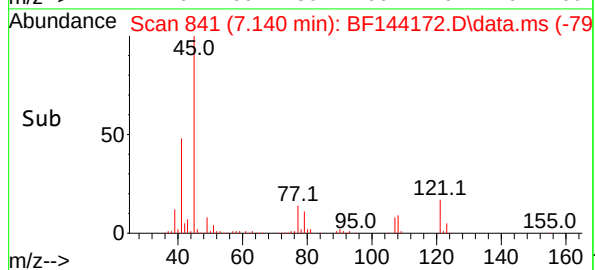
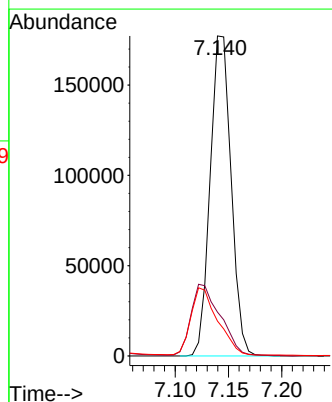
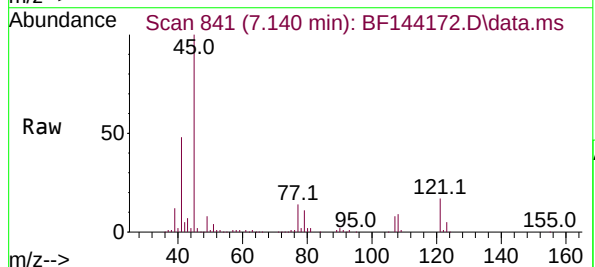
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

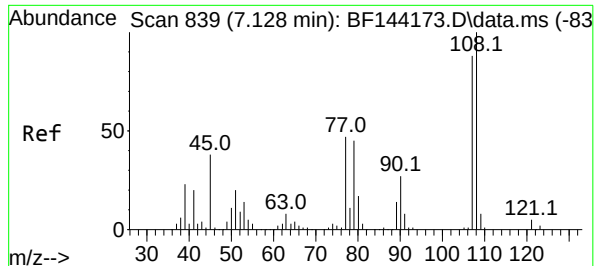
Tgt Ion: 79 Resp: 115331
Ion Ratio Lower Upper
79 100
108 74.0 58.2 87.4
77 62.1 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 21.029 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 45 Resp: 242281
Ion Ratio Lower Upper
45 100
77 13.7 0.0 31.8
79 10.9 0.0 29.1



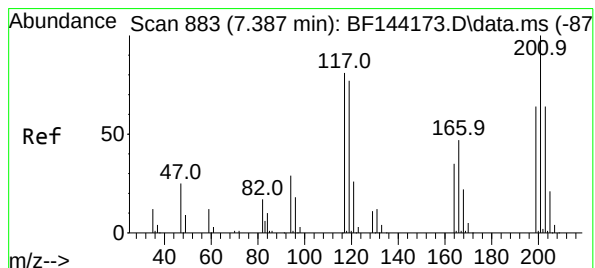
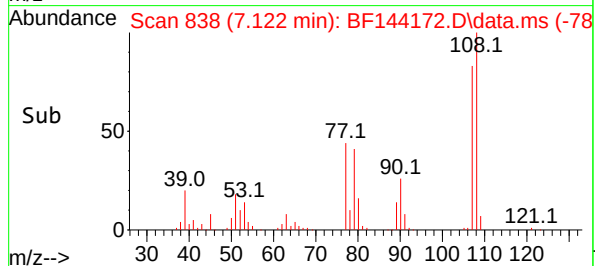
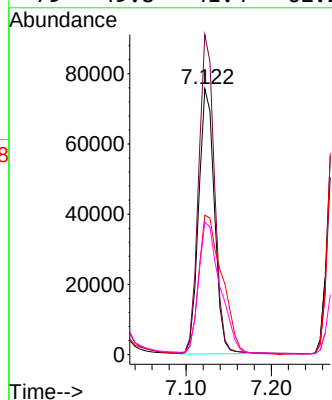
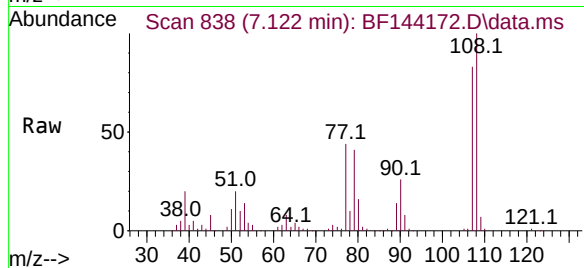


#17
2-Methylphenol
Concen: 20.196 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 97725

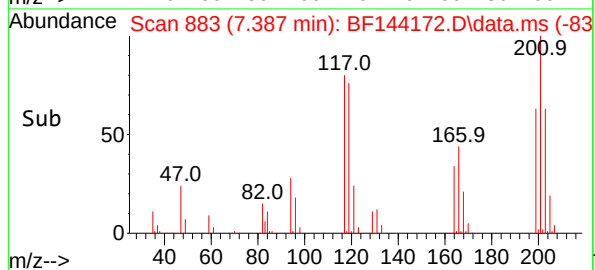
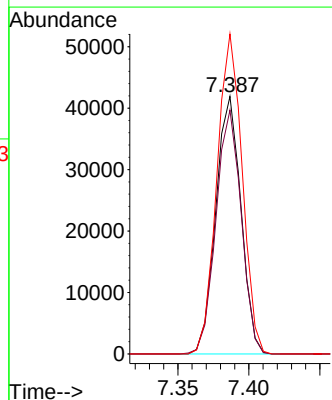
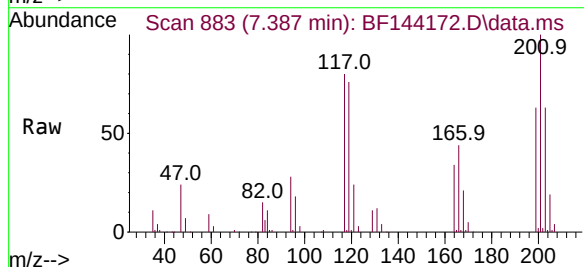
Ion	Ratio	Lower	Upper
107	100		
108	120.4	91.0	136.4
77	52.4	42.7	64.1
79	49.8	41.4	62.2

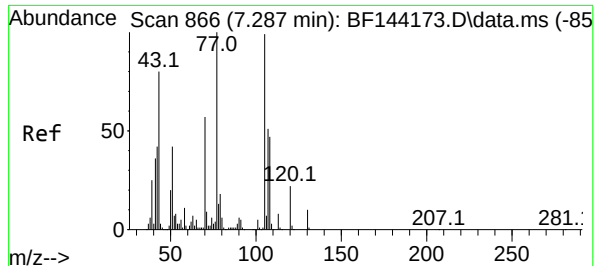


#18
Hexachloroethane
Concen: 20.675 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:117 Resp: 51648

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	124.3	98.9	148.3

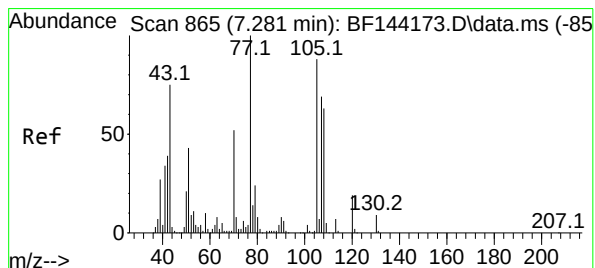
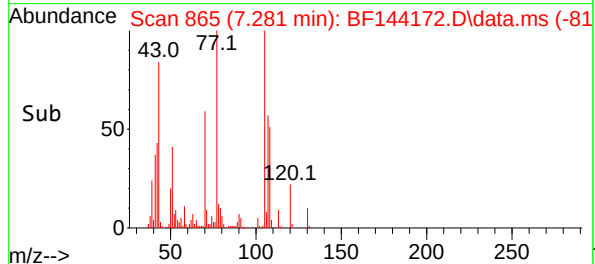
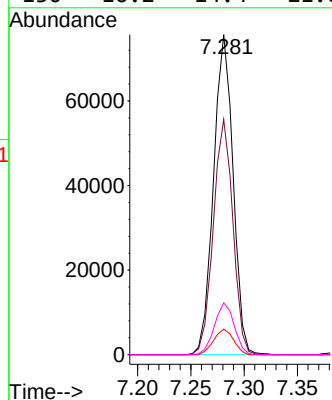
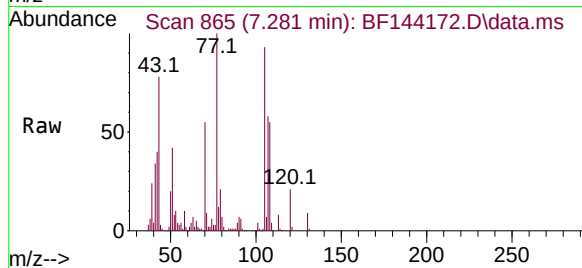




#19
n-Nitroso-di-n-propylamine
Concen: 20.897 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

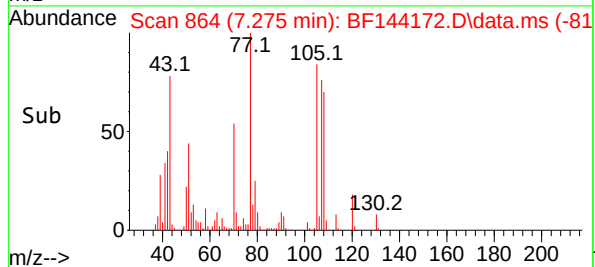
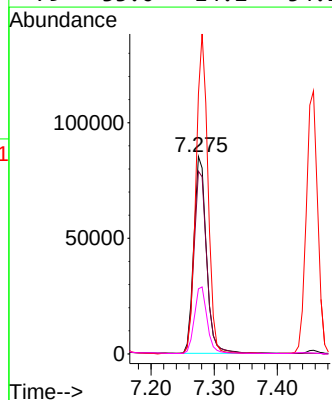
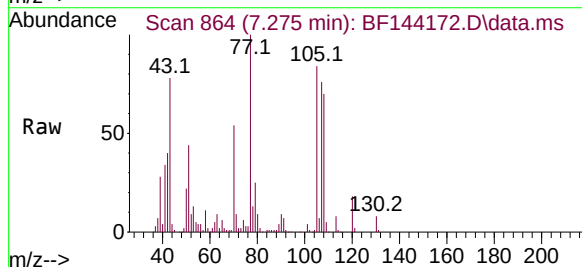
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

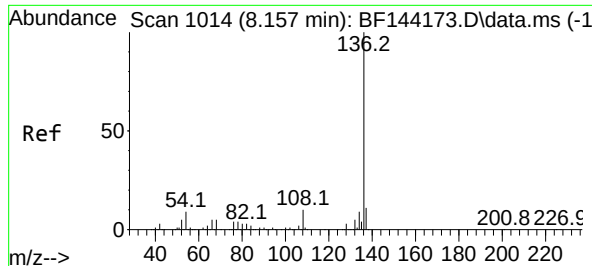
Tgt Ion: 70 Resp: 96676
Ion Ratio Lower Upper
70 100
42 73.5 58.3 87.5
101 8.0 7.0 10.6
130 16.2 14.4 21.6



#20
3+4-Methylphenols
Concen: 20.804 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 107 Resp: 118666
Ion Ratio Lower Upper
107 100
108 92.5 70.2 110.2
77 131.8 123.9 163.9
79 33.0 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 380834

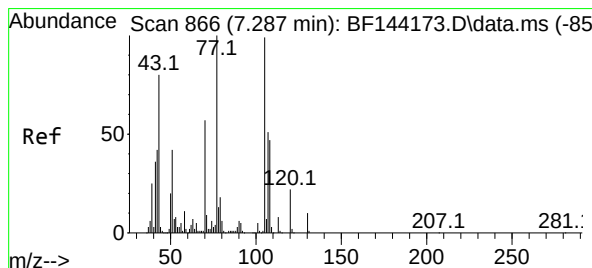
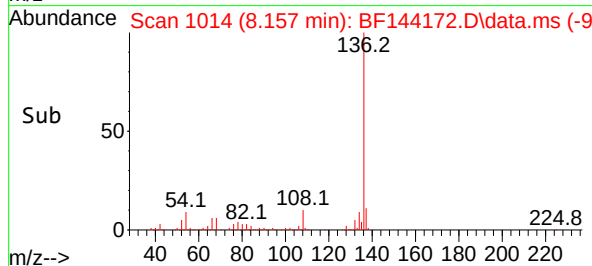
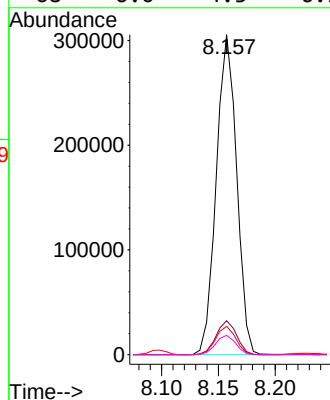
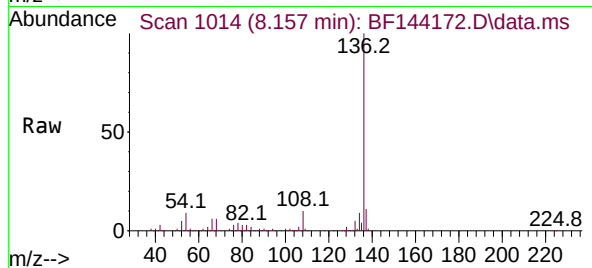
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.8 7.0 10.6

68 6.0 4.3 6.5



#22

Acetophenone

Concen: 20.242 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:105 Resp: 165374

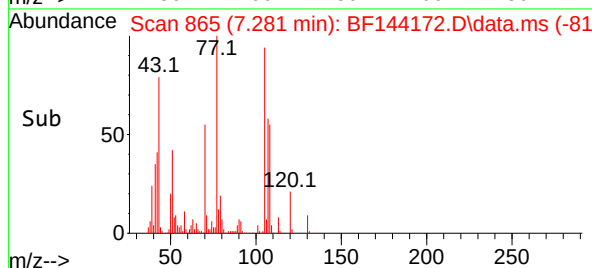
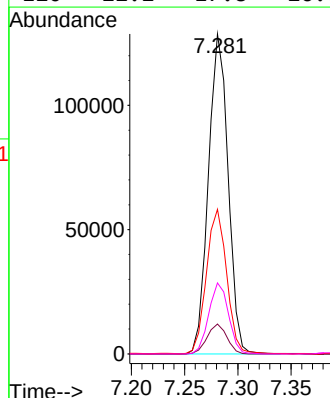
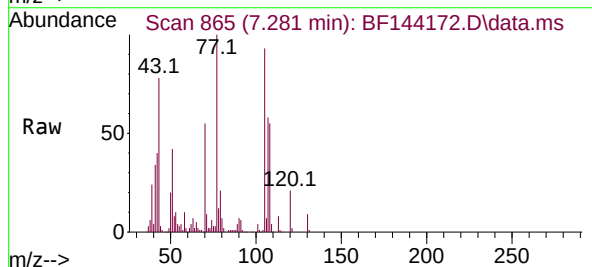
Ion Ratio Lower Upper

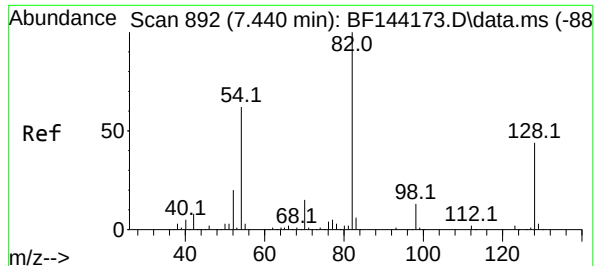
105 100

71 9.3 7.2 10.8

51 45.2 34.0 51.0

120 22.2 17.8 26.6

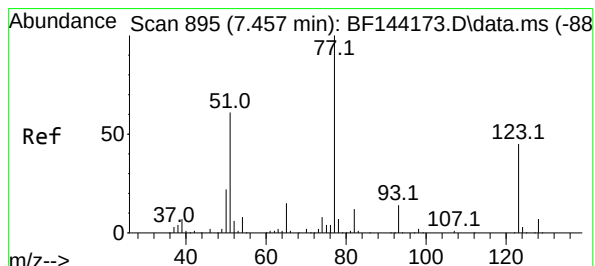
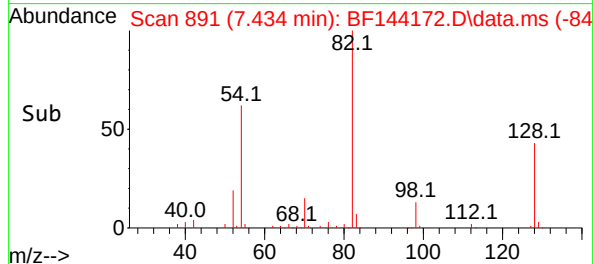
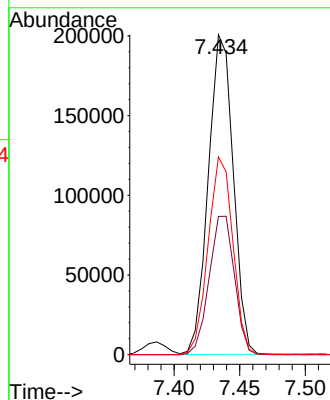
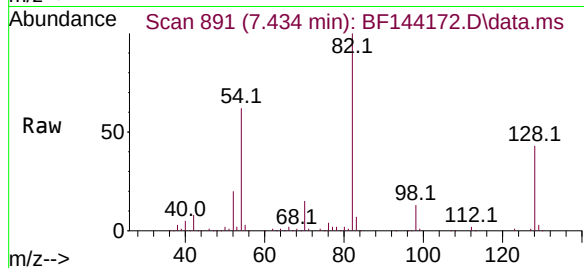




#23
Nitrobenzene-d5
Concen: 40.287 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

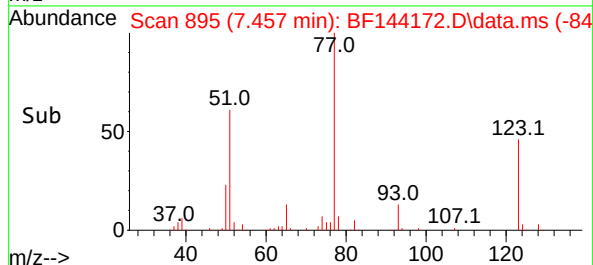
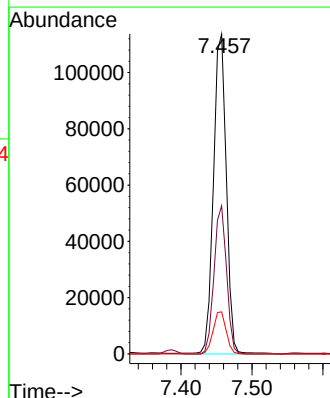
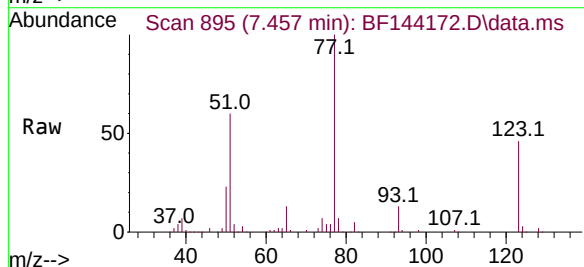
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

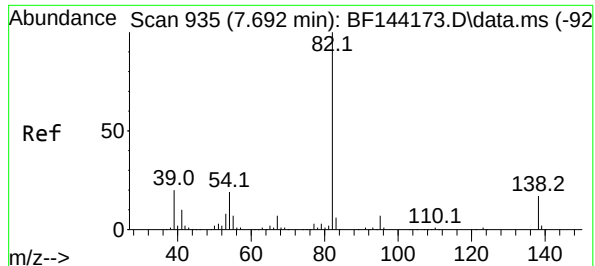
Tgt Ion: 82 Resp: 265652
Ion Ratio Lower Upper
82 100
128 43.2 34.7 52.1
54 61.8 49.5 74.3



#24
Nitrobenzene
Concen: 20.000 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 77 Resp: 143192
Ion Ratio Lower Upper
77 100
123 46.3 35.8 53.8
65 13.2 12.2 18.2





#25

Isophorone

Concen: 20.434 ng

RT: 7.693 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

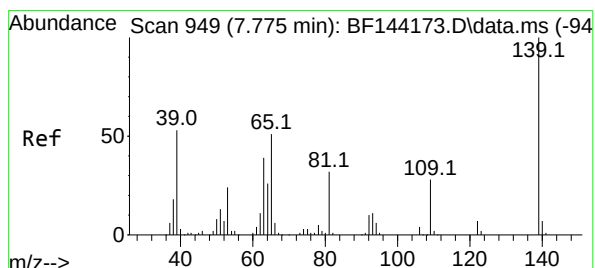
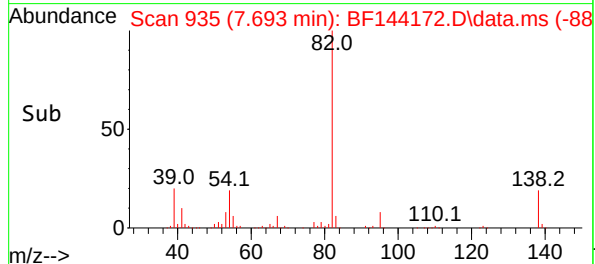
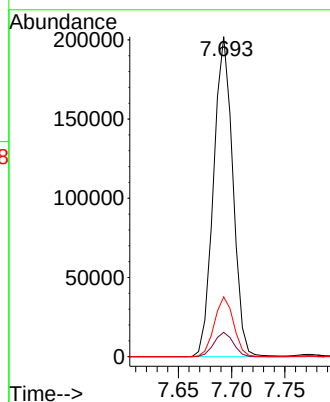
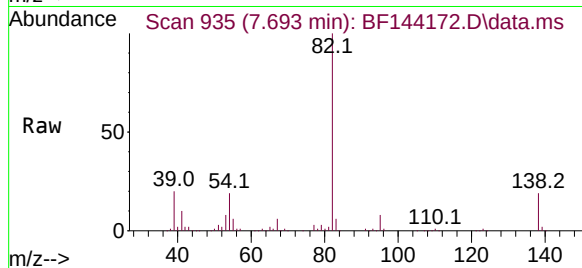
Tgt Ion: 82 Resp: 254863

Ion Ratio Lower Upper

82 100

95 7.6 5.5 8.3

138 18.7 13.7 20.5



#26

2-Nitrophenol

Concen: 20.572 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

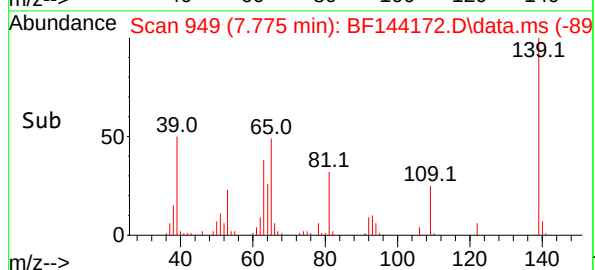
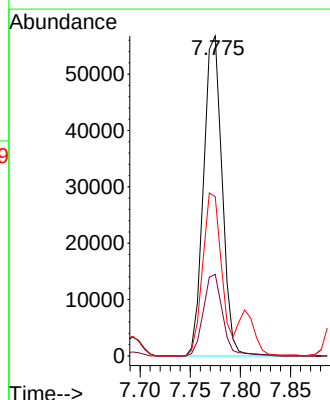
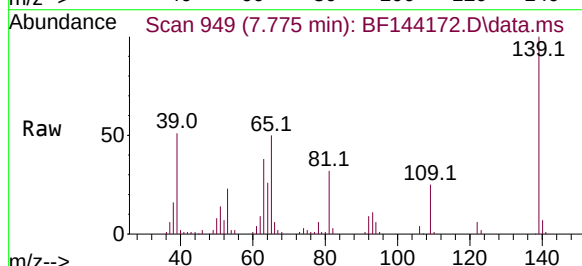
Tgt Ion:139 Resp: 72909

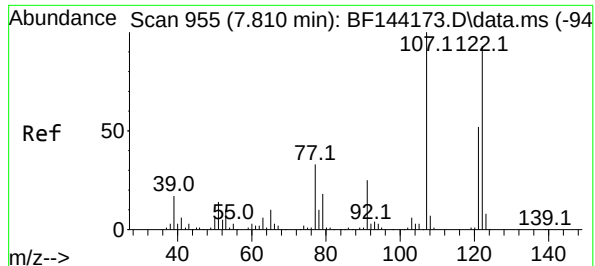
Ion Ratio Lower Upper

139 100

109 25.5 22.2 33.2

65 49.8 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 18.981 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

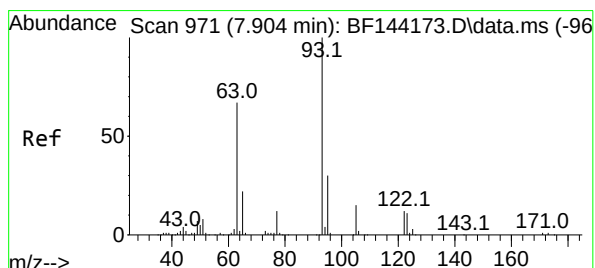
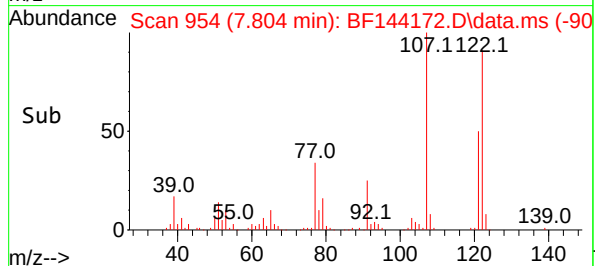
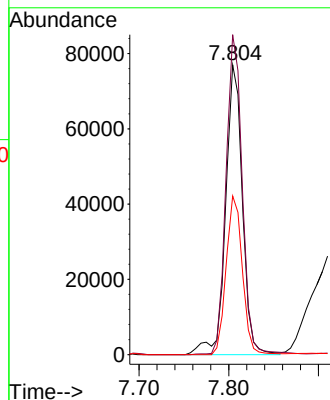
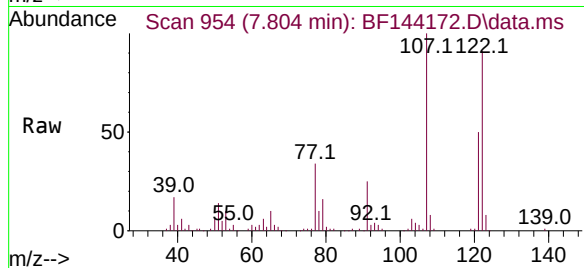
Tgt Ion:122 Resp: 100827

Ion Ratio Lower Upper

122 100

107 110.4 86.2 129.4

121 54.8 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 20.161 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

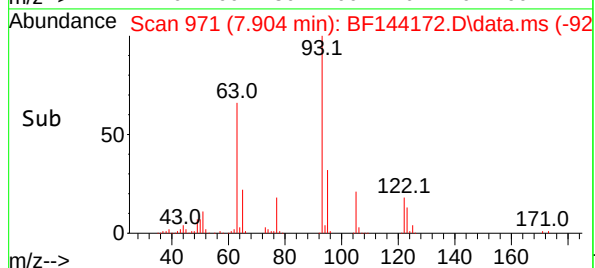
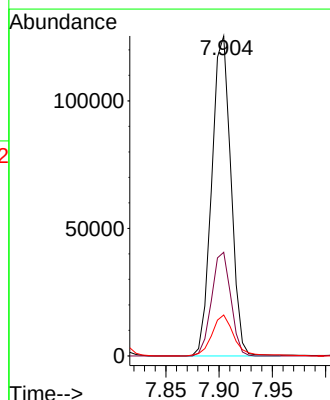
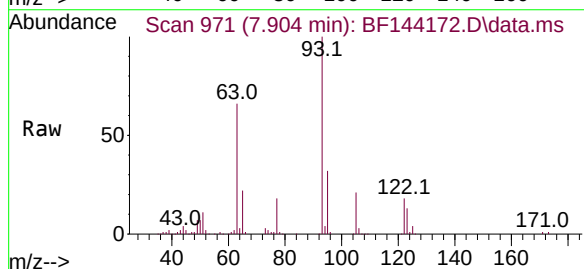
Tgt Ion: 93 Resp: 157029

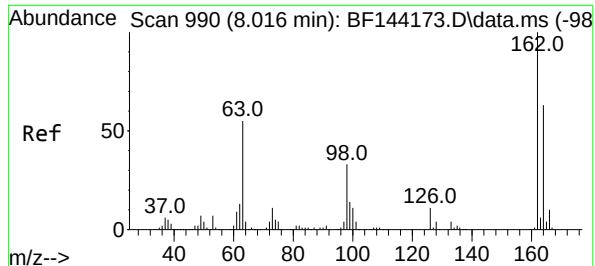
Ion Ratio Lower Upper

93 100

95 32.4 24.2 36.4

123 12.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 20.548 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

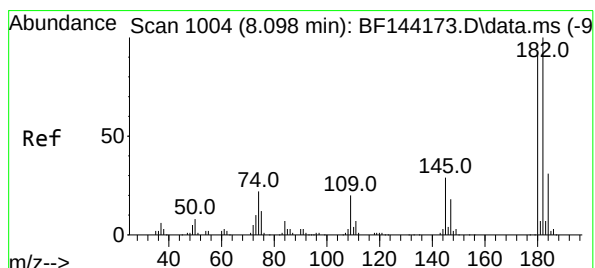
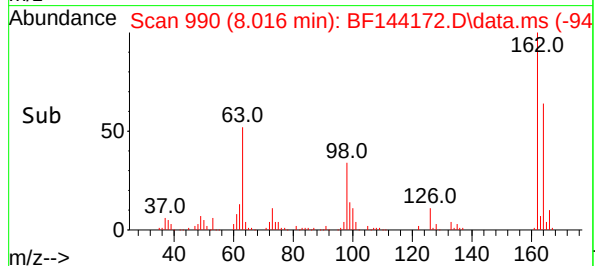
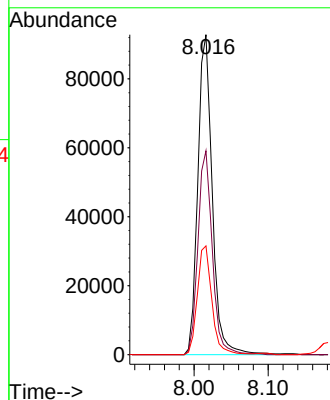
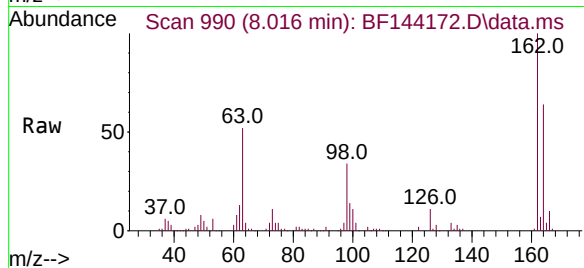
Tgt Ion:162 Resp: 125803

Ion Ratio Lower Upper

162 100

164 63.7 42.9 82.9

98 34.0 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 20.106 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

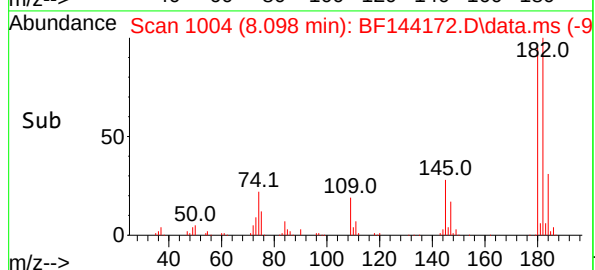
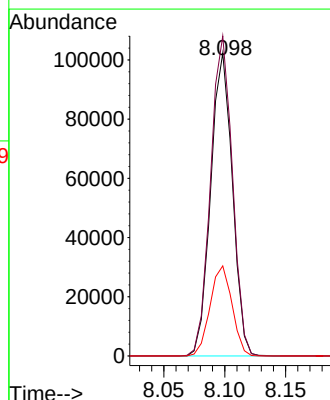
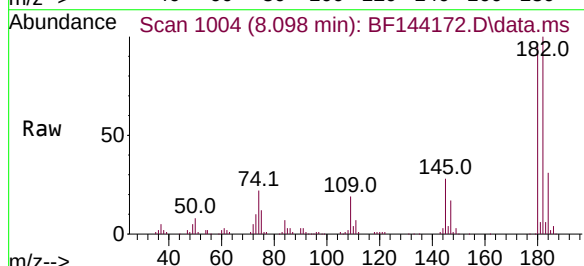
Tgt Ion:180 Resp: 126402

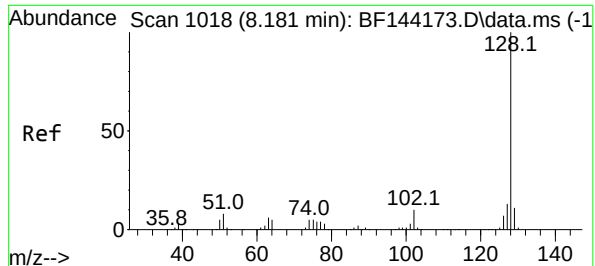
Ion Ratio Lower Upper

180 100

182 105.7 87.7 131.5

145 29.7 25.4 38.0

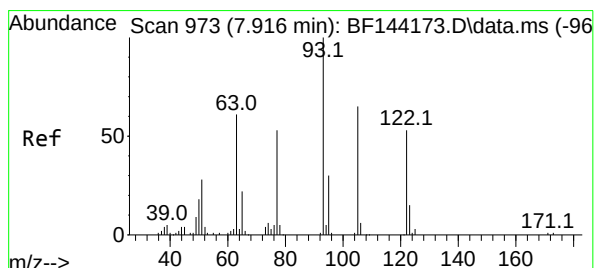
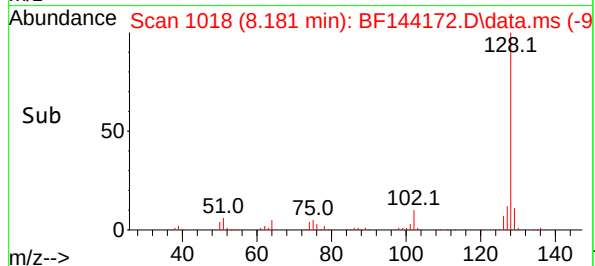
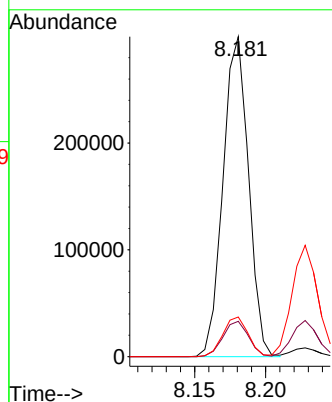
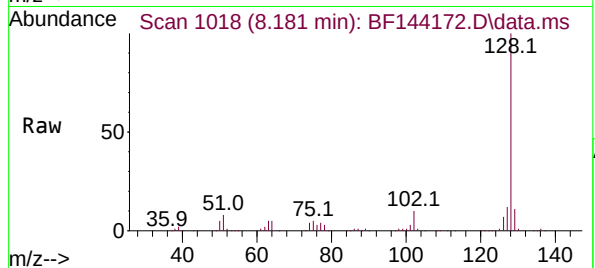




#31
Naphthalene
Concen: 20.643 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

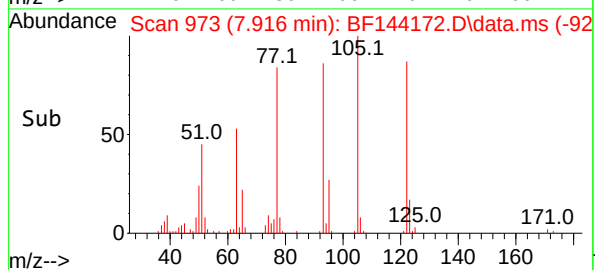
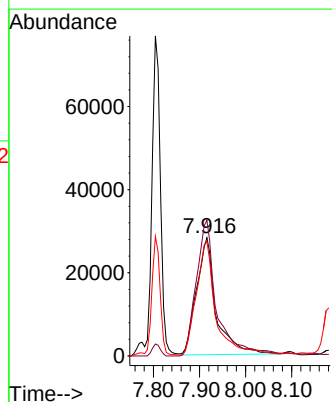
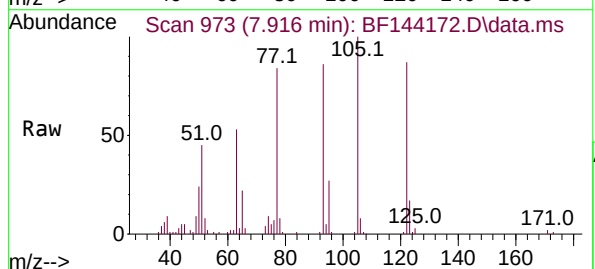
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

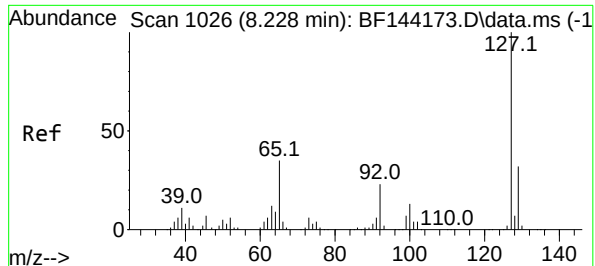
Tgt Ion:128 Resp: 373973
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.4 10.3 15.5



#32
Benzoic acid
Concen: 21.522 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:122 Resp: 83801
Ion Ratio Lower Upper
122 100
105 114.8 99.9 139.9
77 96.8 77.5 117.5





#33

4-Chloroaniline

Concen: 20.474 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 135273

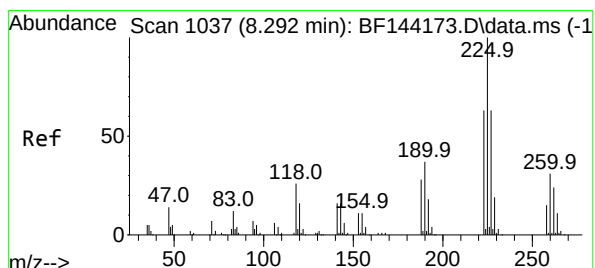
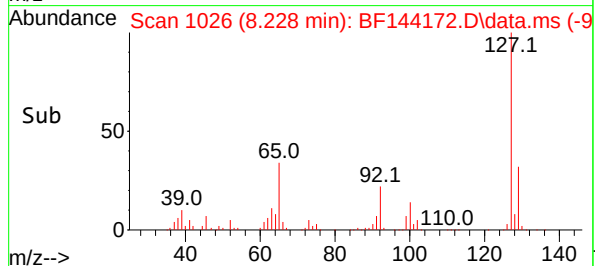
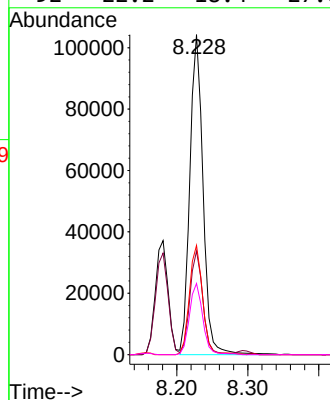
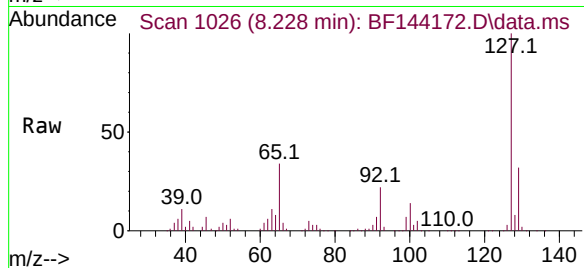
Ion Ratio Lower Upper

127 100

129 32.4 25.3 37.9

65 34.1 27.6 41.4

92 22.2 18.4 27.6



#34

Hexachlorobutadiene

Concen: 20.255 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

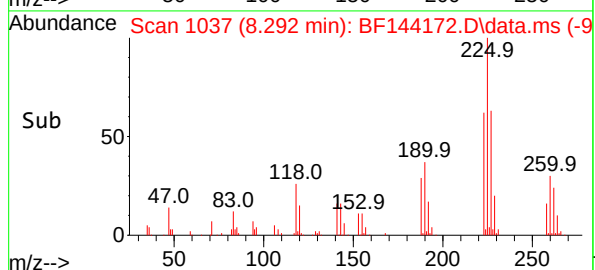
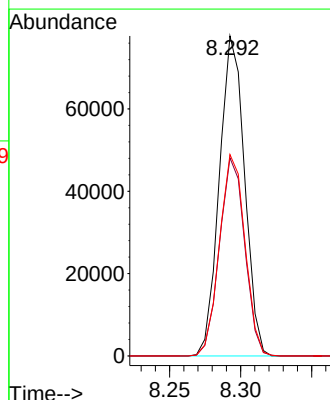
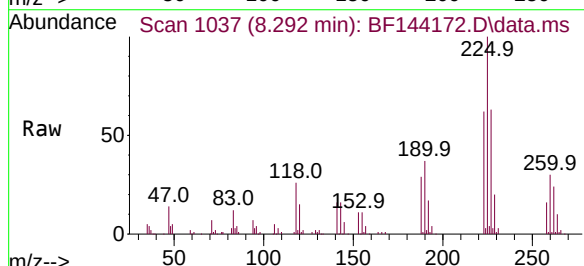
Tgt Ion:225 Resp: 95971

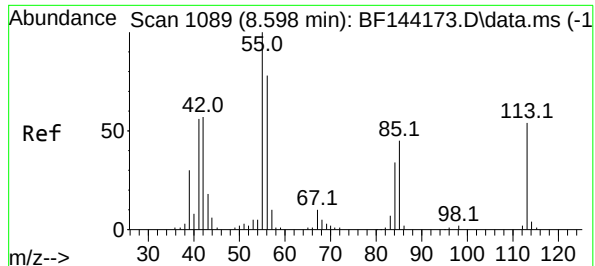
Ion Ratio Lower Upper

225 100

223 61.9 50.2 75.4

227 62.9 50.1 75.1

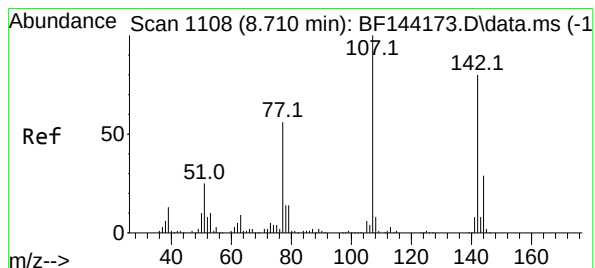
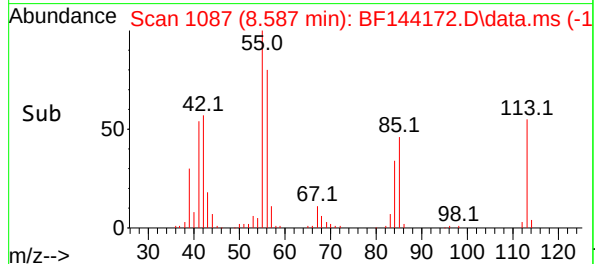
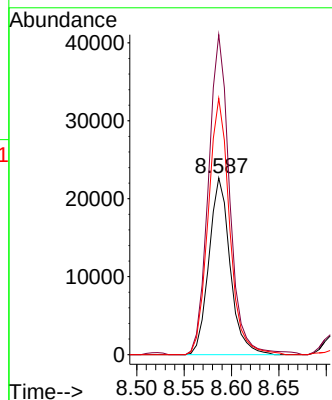
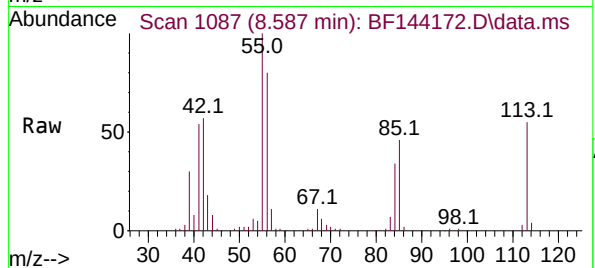




#35
Caprolactam
Concen: 21.028 ng
RT: 8.587 min Scan# 1087
Delta R.T. -0.035 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

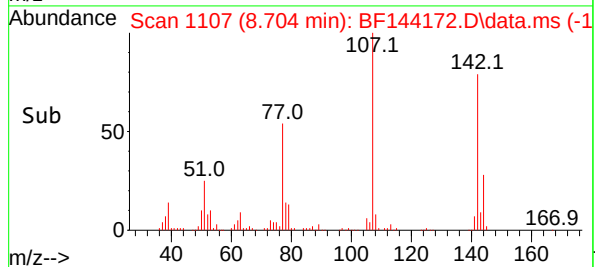
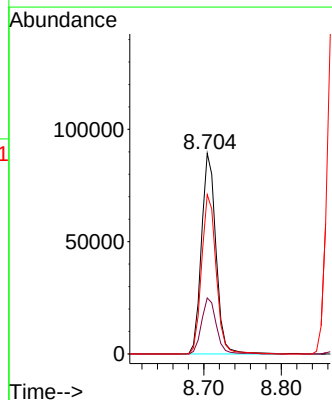
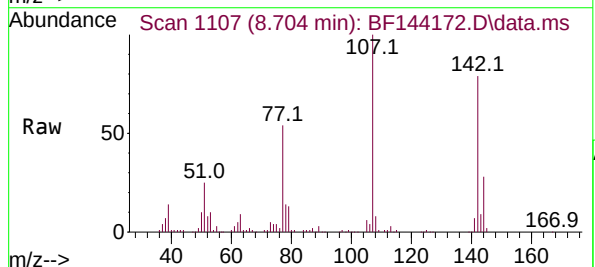
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

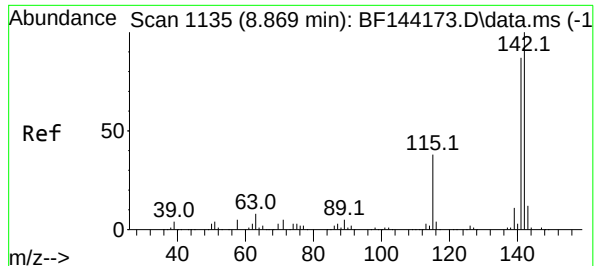
Tgt Ion:113 Resp: 35272
Ion Ratio Lower Upper
113 100
55 181.1 166.8 206.8
56 145.1 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 21.069 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:107 Resp: 115603
Ion Ratio Lower Upper
107 100
144 27.9 23.3 34.9
142 79.4 63.8 95.6





#37

2-Methylnaphthalene

Concen: 20.905 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

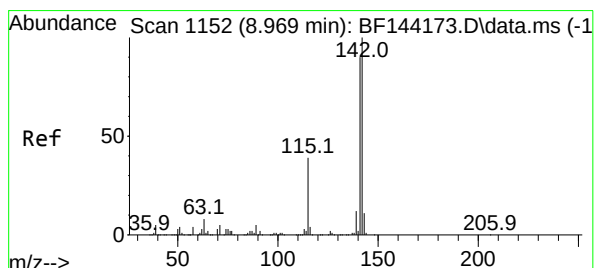
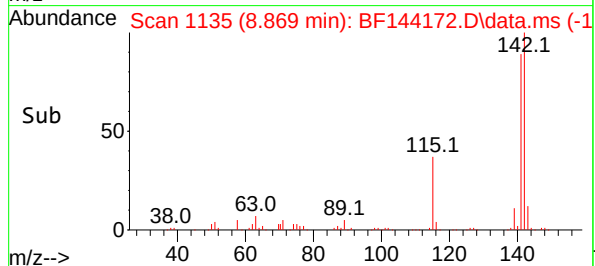
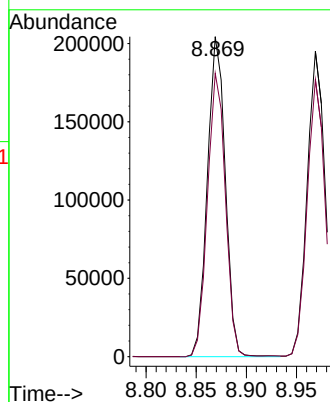
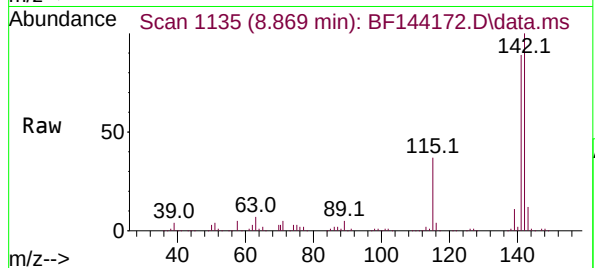
SSTDICC020

Tgt Ion:142 Resp: 253201

Ion Ratio Lower Upper

142 100

141 88.5 69.9 104.9



#38

1-Methylnaphthalene

Concen: 20.588 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144172.D

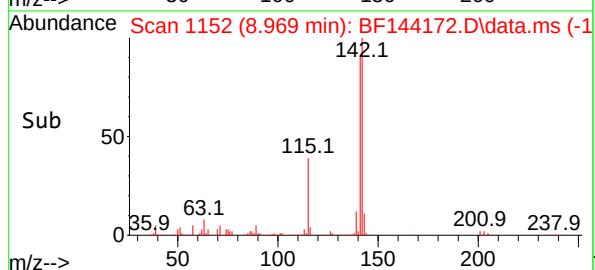
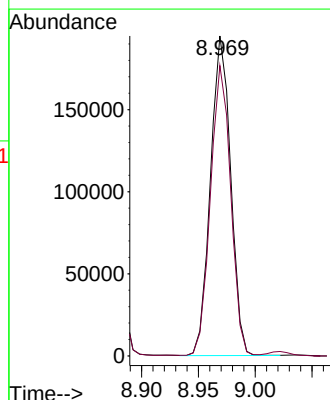
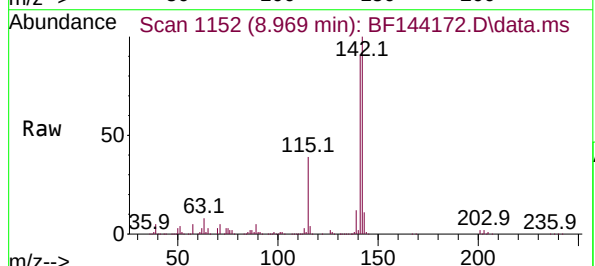
Acq: 05 Nov 2025 14:20

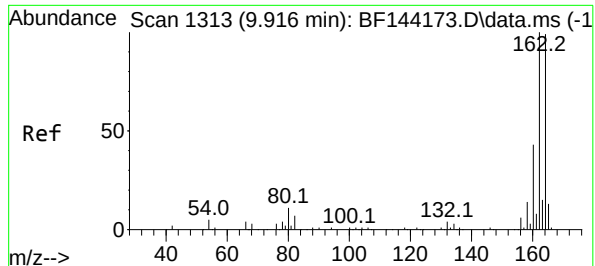
Tgt Ion:142 Resp: 240612

Ion Ratio Lower Upper

142 100

141 90.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

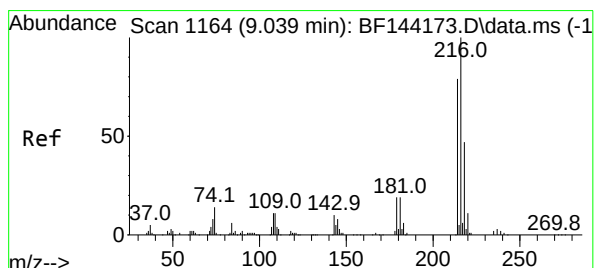
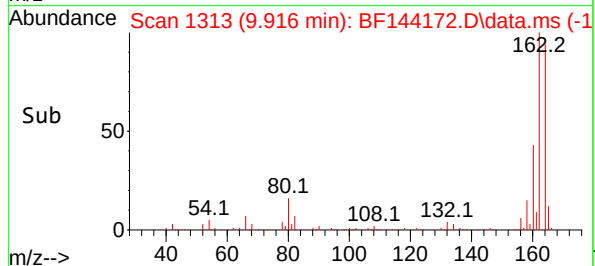
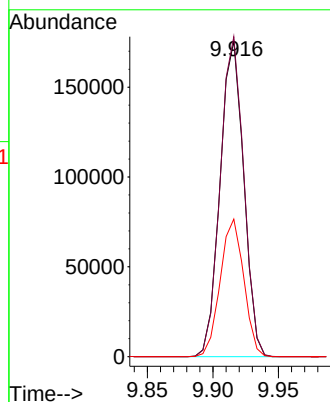
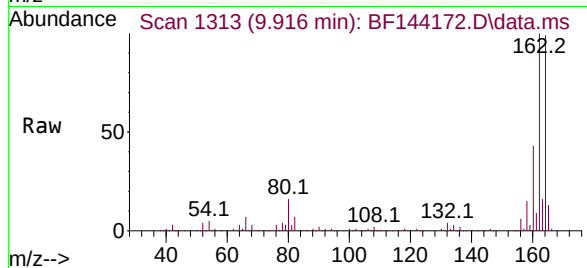
Tgt Ion:164 Resp: 220087

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 43.6 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.100 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:216 Resp: 144980

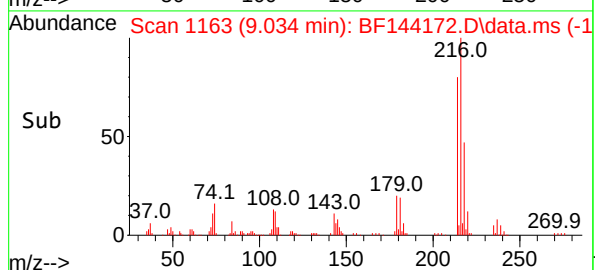
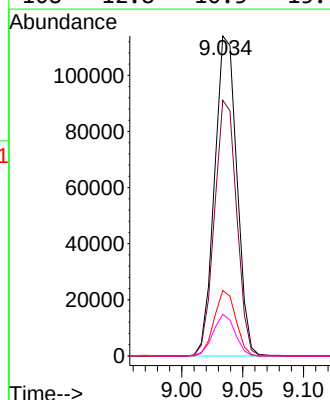
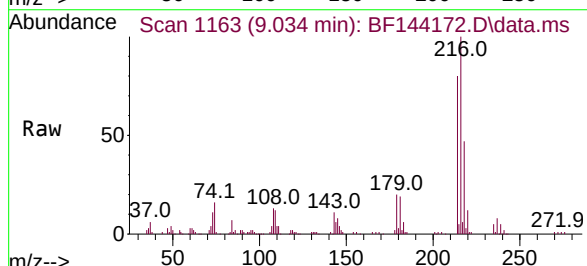
Ion Ratio Lower Upper

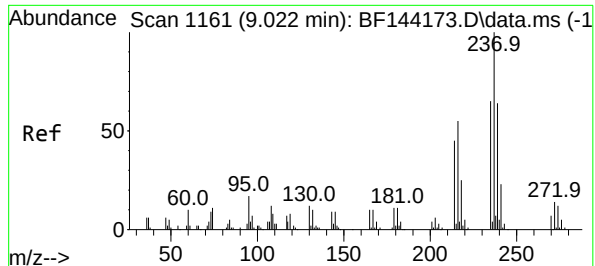
216 100

214 79.3 63.4 95.2

179 19.8 15.0 22.4

108 12.8 10.5 15.7

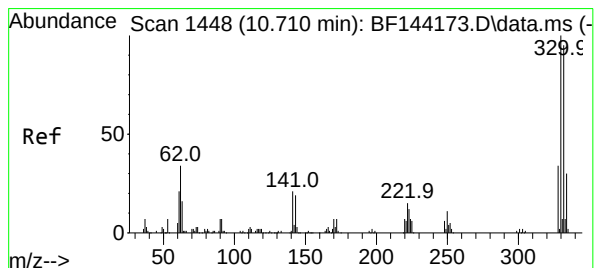
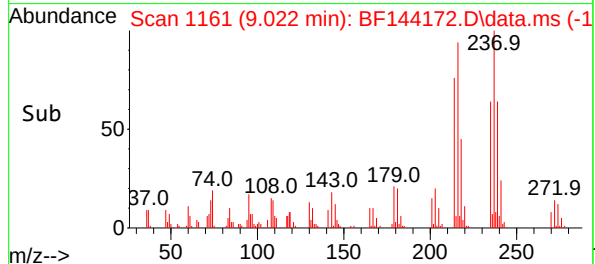
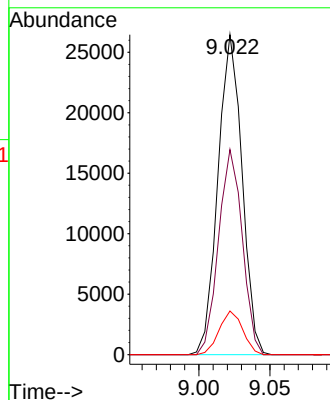
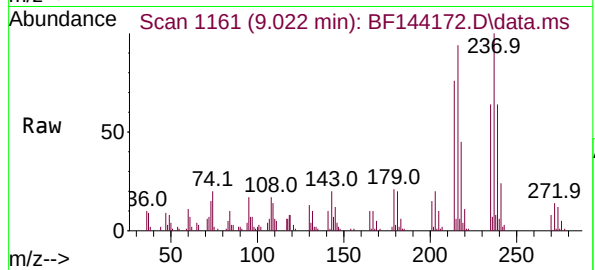




#41
Hexachlorocyclopentadiene
Concen: 18.527 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

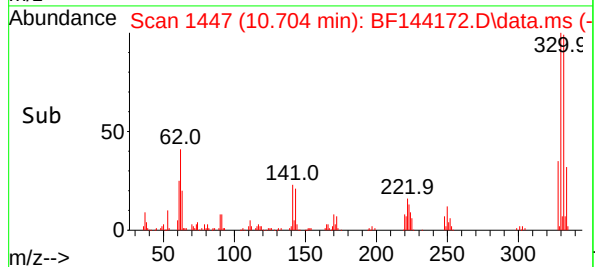
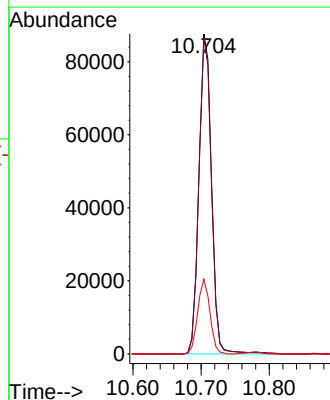
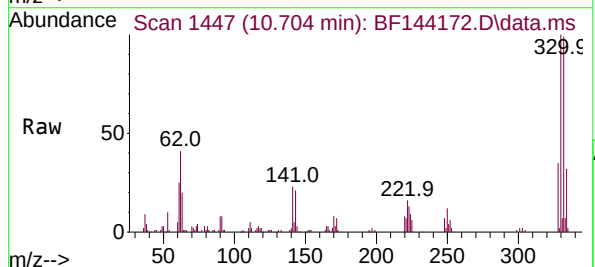
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

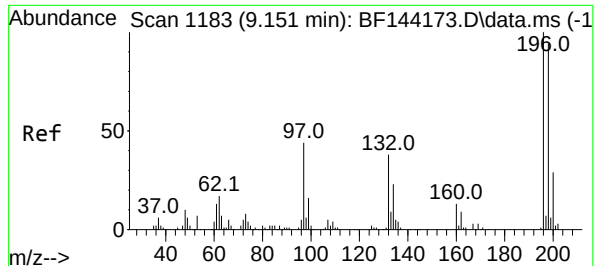
Tgt Ion:237 Resp: 31247
Ion Ratio Lower Upper
237 100
235 64.1 45.5 85.5
272 13.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 40.889 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:330 Resp: 112928
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 22.6 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 20.136 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

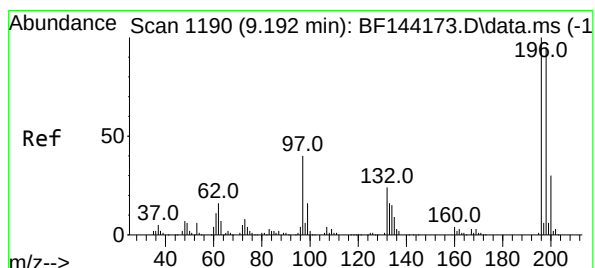
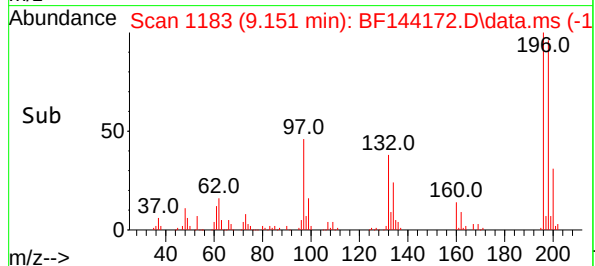
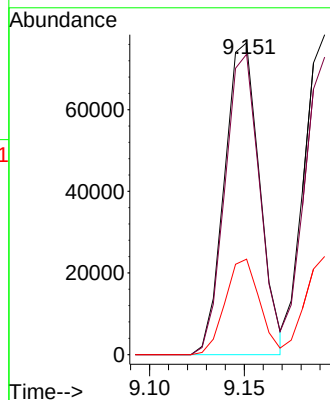
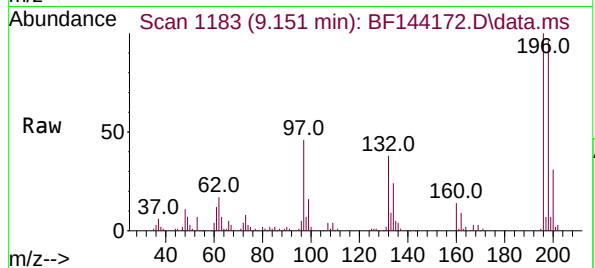
Tgt Ion:196 Resp: 98855

Ion Ratio Lower Upper

196 100

198 96.4 75.3 112.9

200 30.6 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 20.653 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:196 Resp: 109277

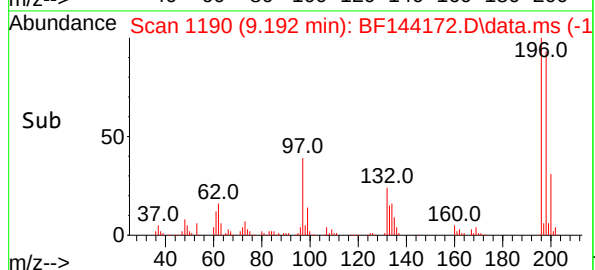
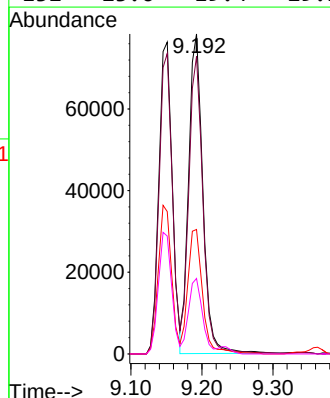
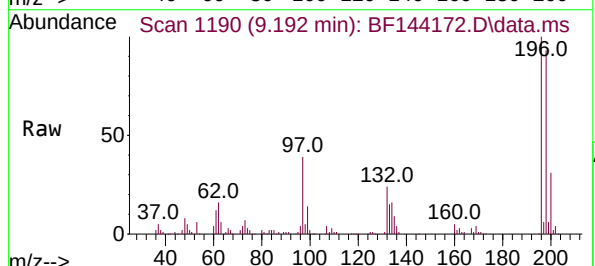
Ion Ratio Lower Upper

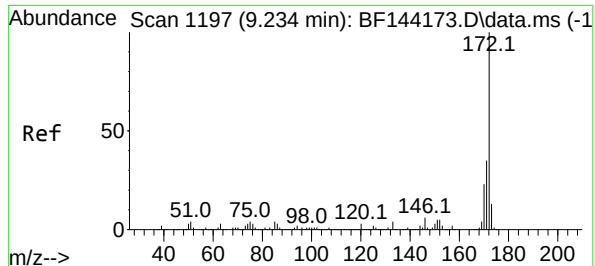
196 100

198 93.0 76.1 114.1

97 38.9 31.9 47.9

132 23.6 19.4 29.2

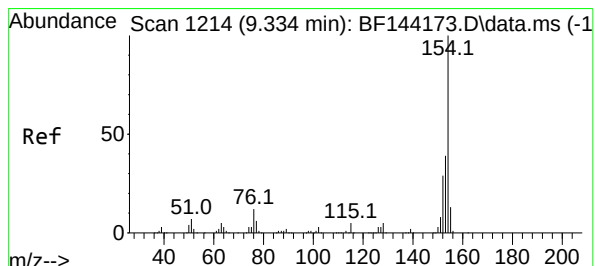
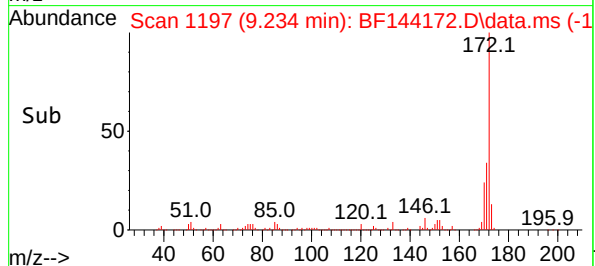
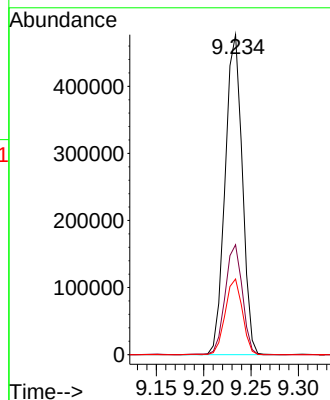
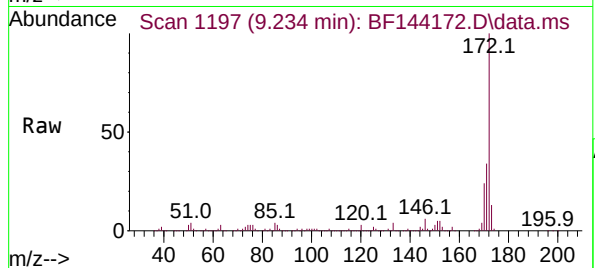




#45
2-Fluorobiphenyl
Concen: 40.208 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

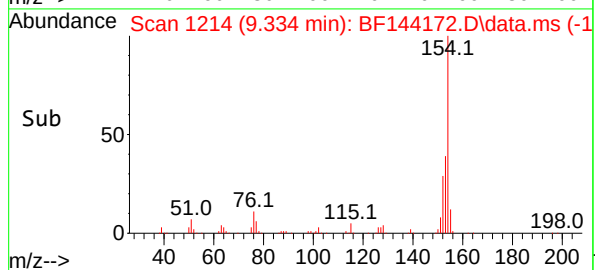
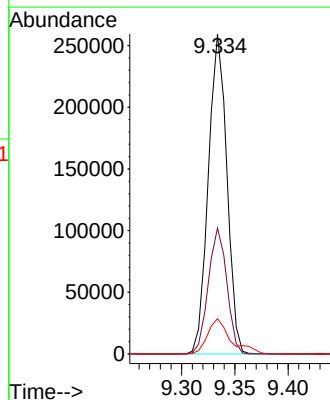
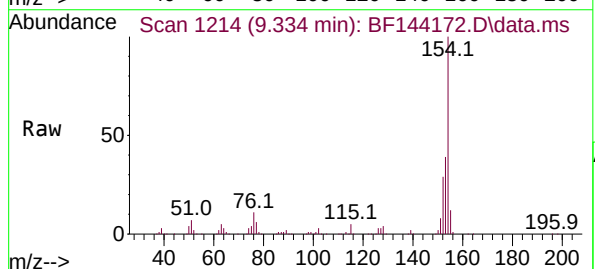
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

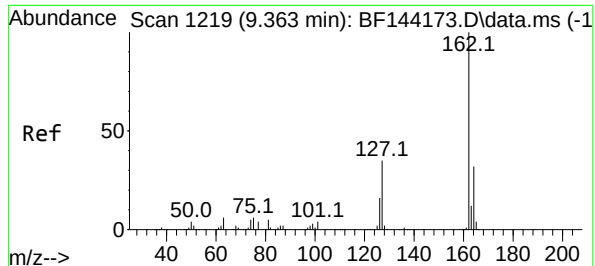
Tgt Ion:172 Resp: 599169
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 20.417 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:154 Resp: 313667
Ion Ratio Lower Upper
154 100
153 39.3 19.2 59.2
76 11.0 0.0 31.8





#47

2-Chloronaphthalene

Concen: 20.262 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

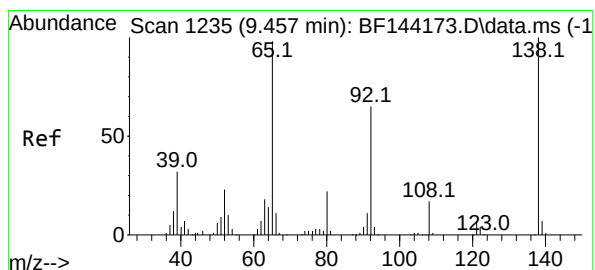
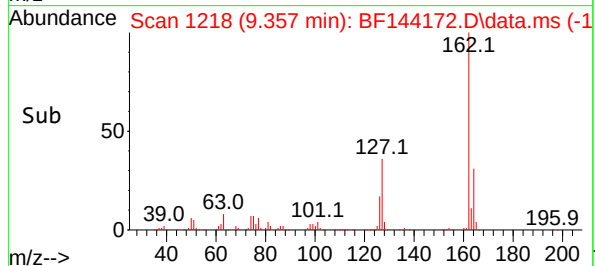
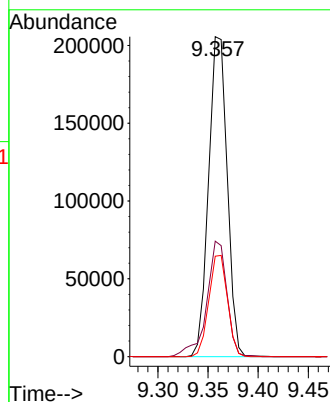
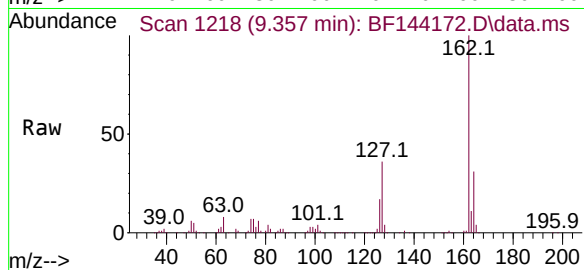
Tgt Ion:162 Resp: 265522

Ion Ratio Lower Upper

162 100

127 36.1 28.8 43.2

164 31.4 25.8 38.8



#48

2-Nitroaniline

Concen: 20.308 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

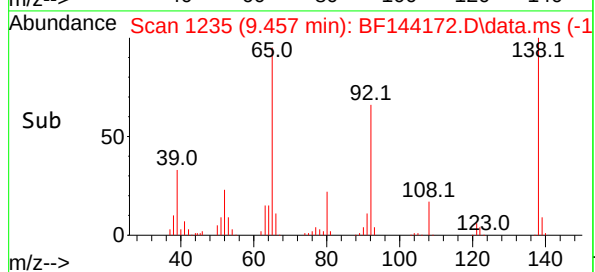
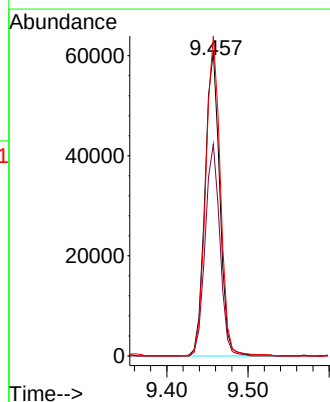
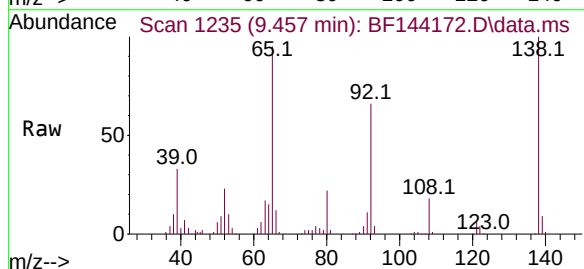
Tgt Ion: 65 Resp: 76785

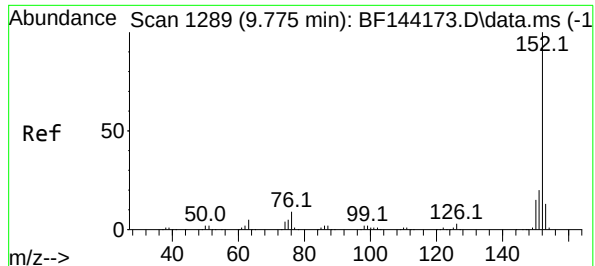
Ion Ratio Lower Upper

65 100

92 69.5 53.0 79.6

138 105.1 81.6 122.4





#49

Acenaphthylene

Concen: 20.664 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144172.D

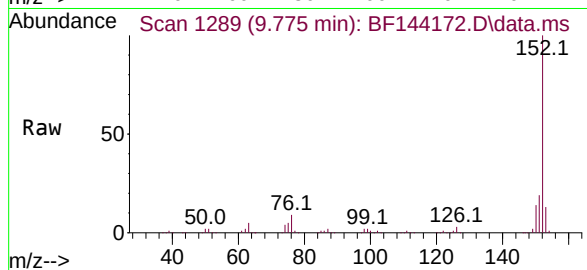
Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



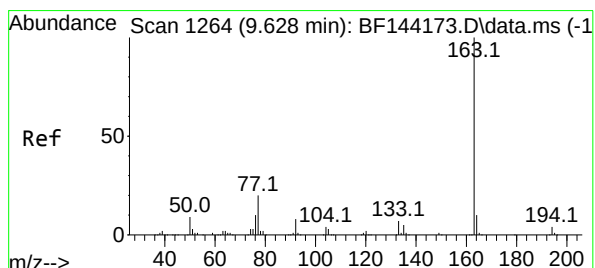
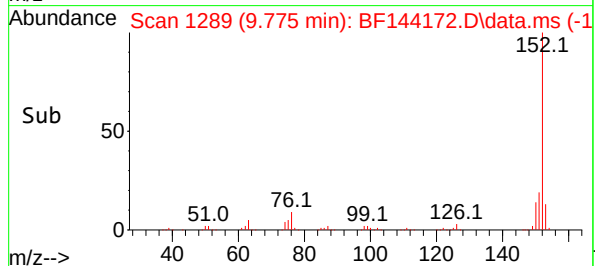
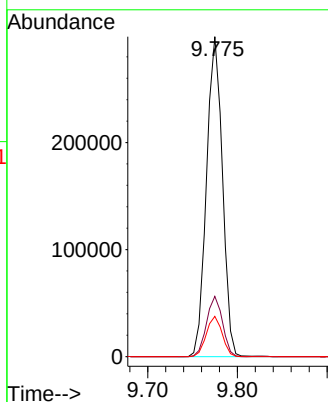
Tgt Ion:152 Resp: 369018

Ion Ratio Lower Upper

152 100

151 18.8 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

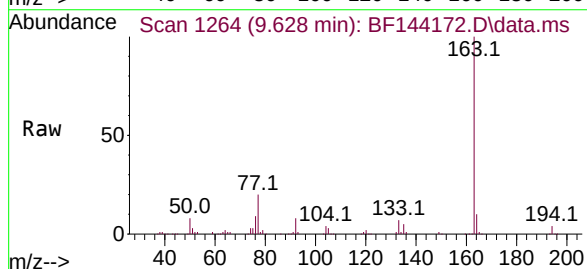
Concen: 20.516 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20



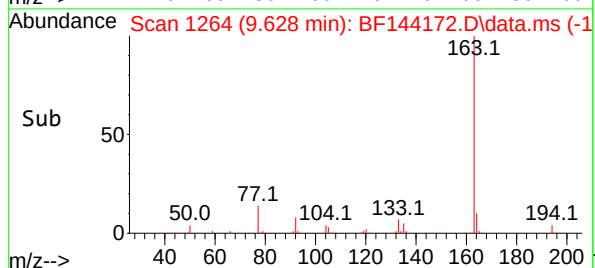
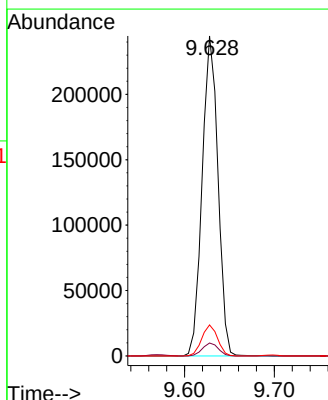
Tgt Ion:163 Resp: 299125

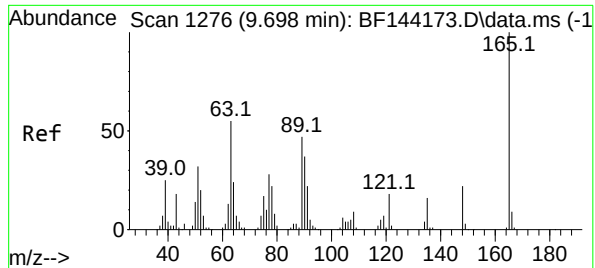
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.7 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 20.212 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

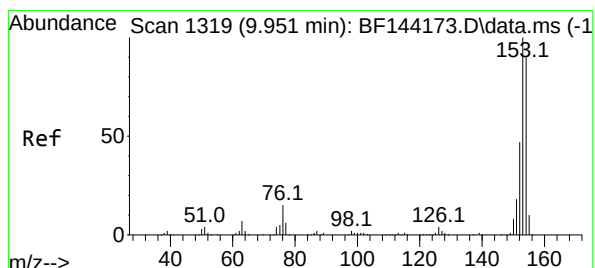
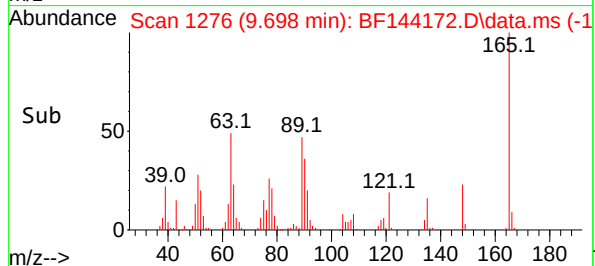
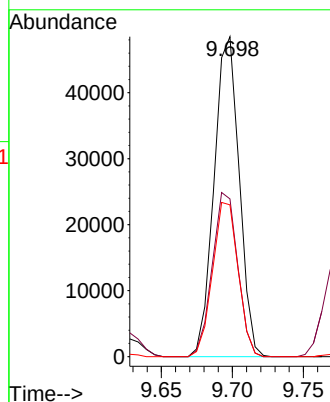
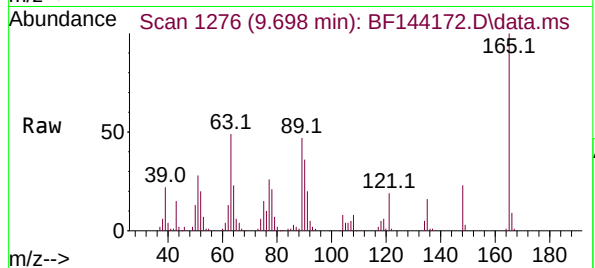
Tgt Ion:165 Resp: 59656

Ion Ratio Lower Upper

165 100

63 49.3 43.8 65.8

89 47.4 37.5 56.3



#52

Acenaphthene

Concen: 20.641 ng

RT: 9.945 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

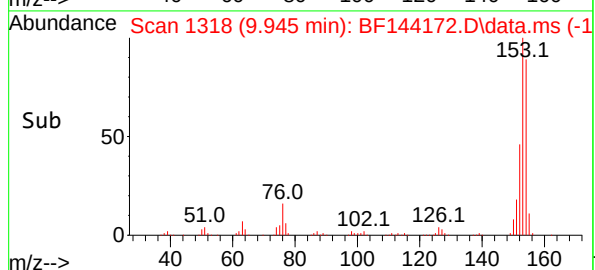
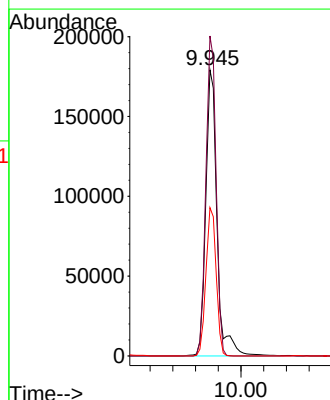
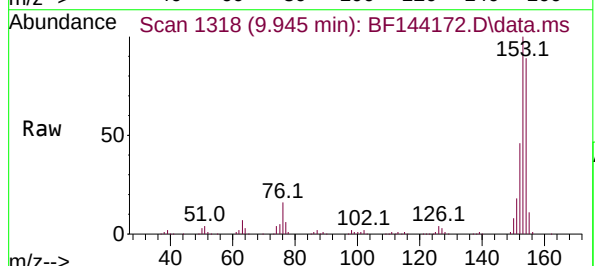
Tgt Ion:154 Resp: 246497

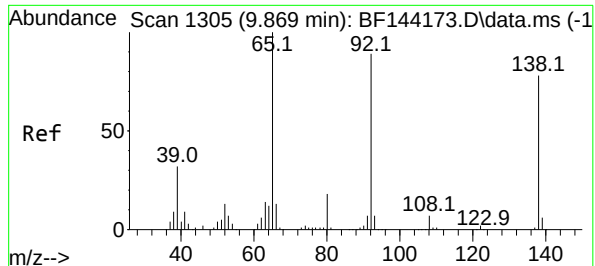
Ion Ratio Lower Upper

154 100

153 111.9 89.0 133.4

152 51.8 42.2 63.4





#53

3-Nitroaniline

Concen: 20.623 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

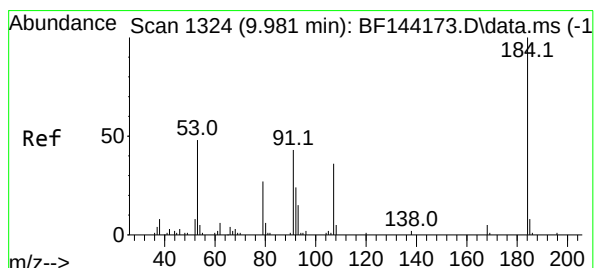
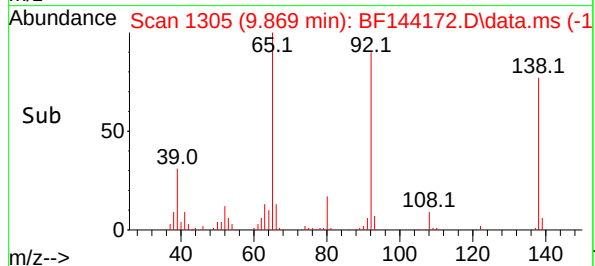
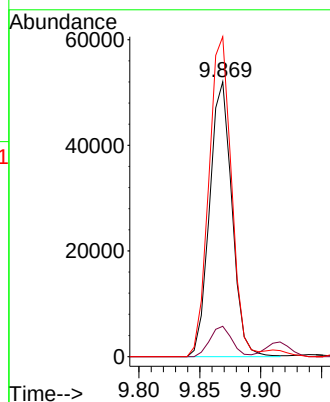
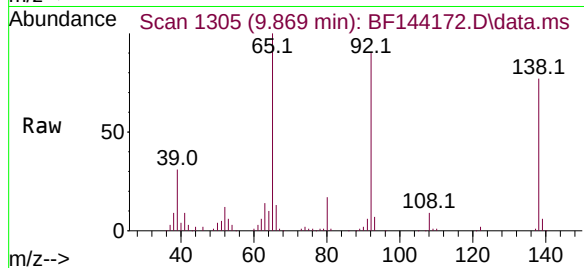
Tgt Ion:138 Resp: 66539

Ion Ratio Lower Upper

138 100

108 11.1 7.5 11.3

92 116.4 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 20.453 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

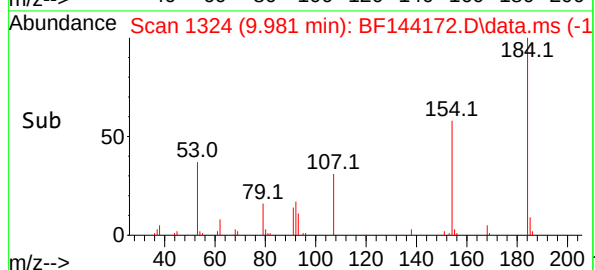
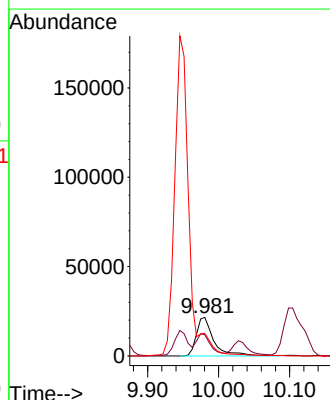
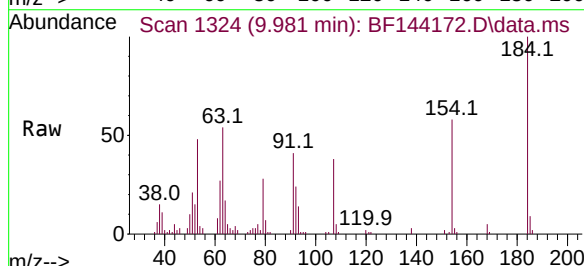
Tgt Ion:184 Resp: 36453

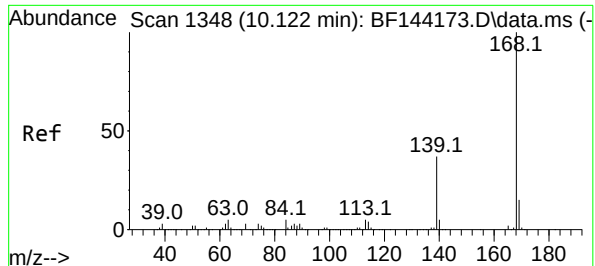
Ion Ratio Lower Upper

184 100

63 54.5 44.0 66.0

154 58.3 42.4 63.6





#55

Dibenzofuran

Concen: 20.864 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

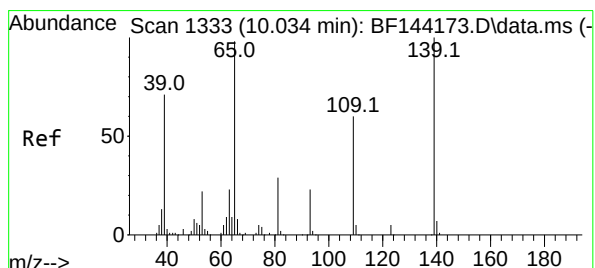
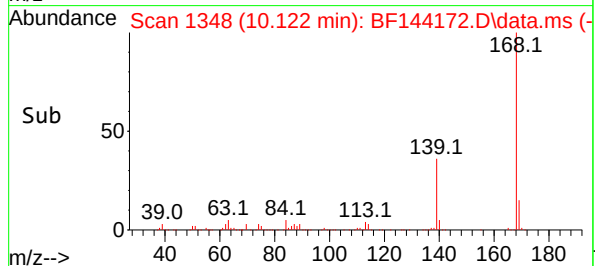
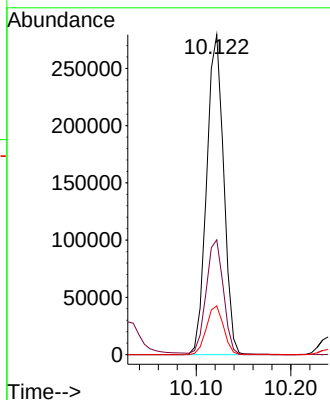
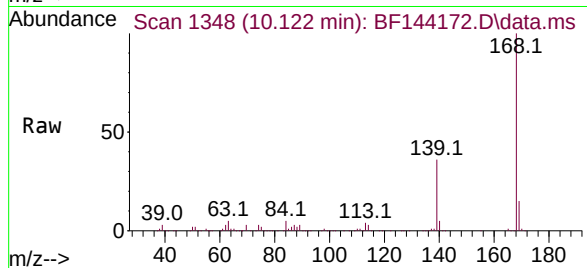
Tgt Ion:168 Resp: 348955

Ion Ratio Lower Upper

168 100

139 35.9 30.2 45.2

169 15.2 12.2 18.4



#56

4-Nitrophenol

Concen: 19.003 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

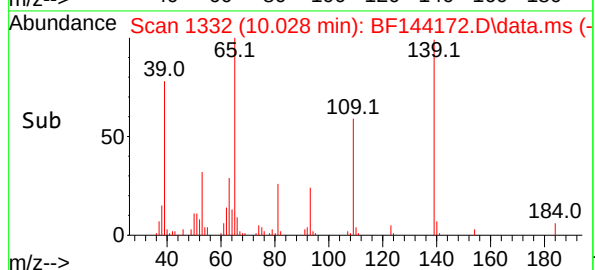
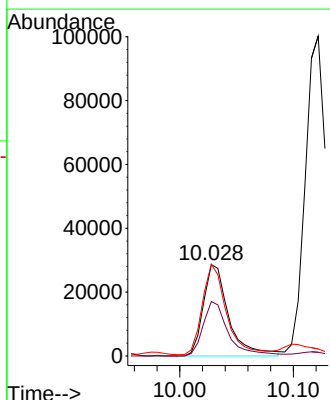
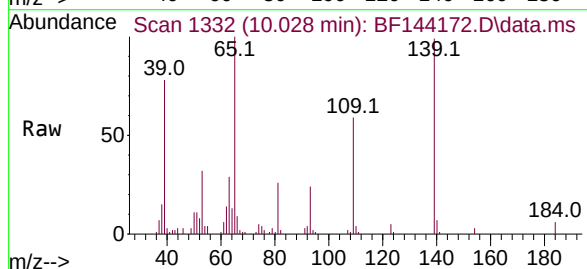
Tgt Ion:139 Resp: 44352

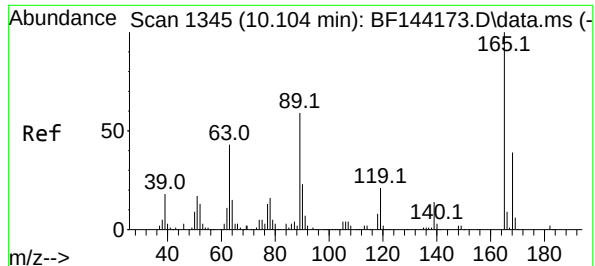
Ion Ratio Lower Upper

139 100

109 59.5 39.9 79.9

65 100.6 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 20.706 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 81812

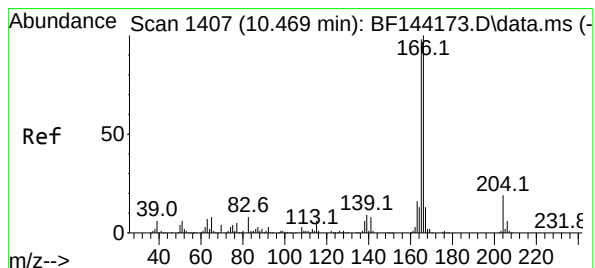
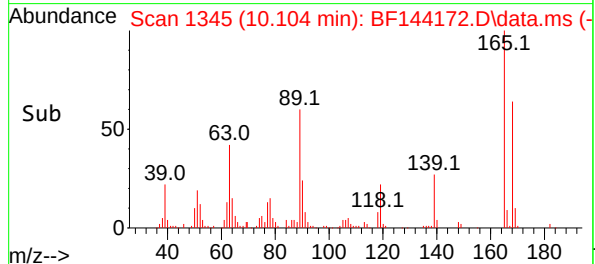
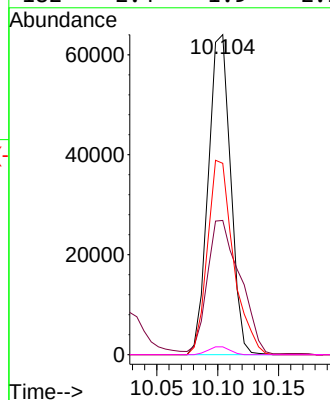
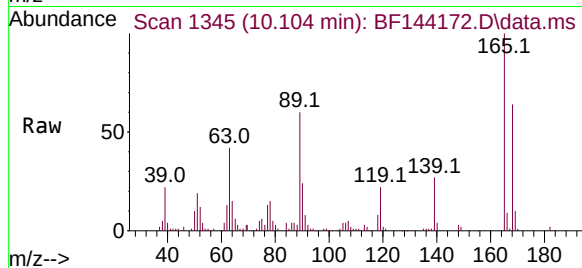
Ion Ratio Lower Upper

165 100

63 41.9 35.5 53.3

89 59.8 47.4 71.2

182 2.4 1.9 2.9



#58

Fluorene

Concen: 20.725 ng

RT: 10.463 min Scan# 1406

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

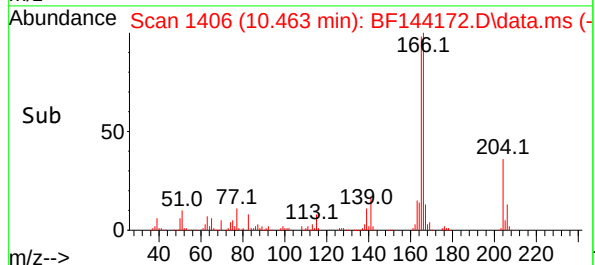
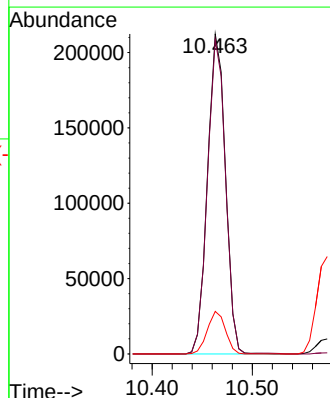
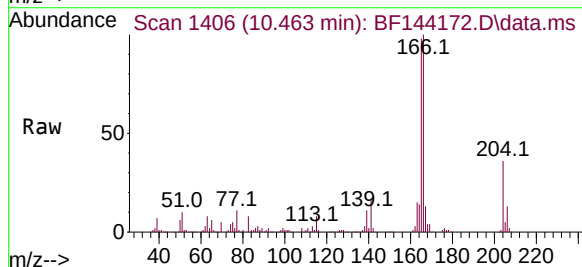
Tgt Ion:166 Resp: 263546

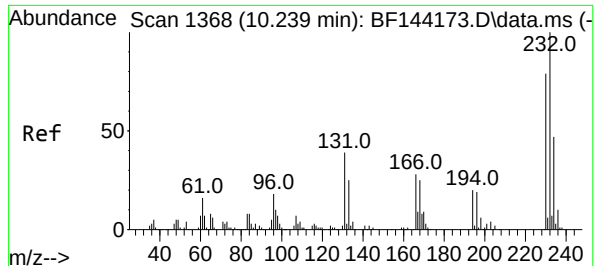
Ion Ratio Lower Upper

166 100

165 98.3 78.6 118.0

167 13.3 10.4 15.6

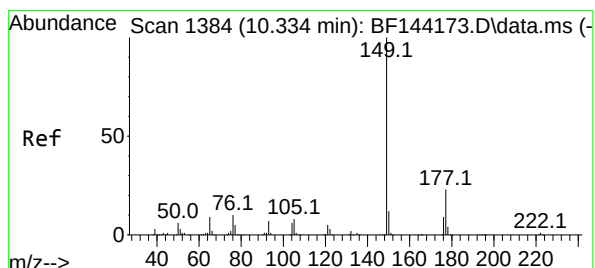
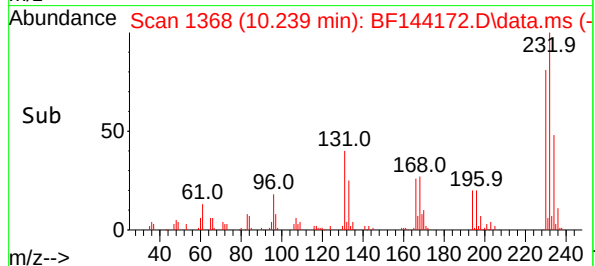
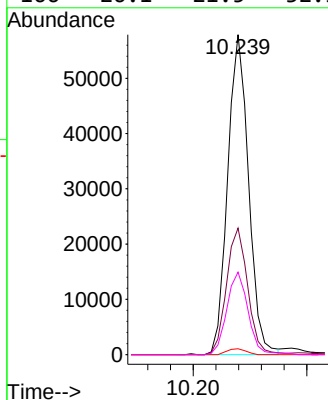
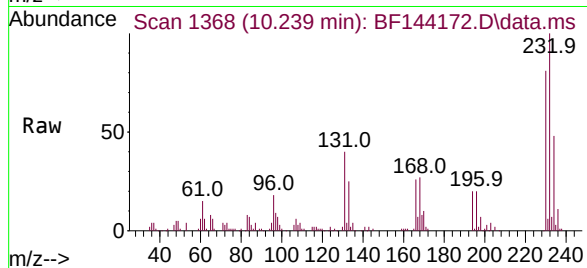




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.762 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

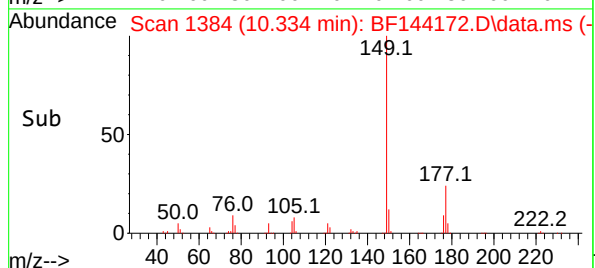
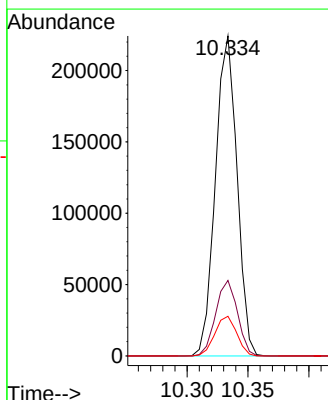
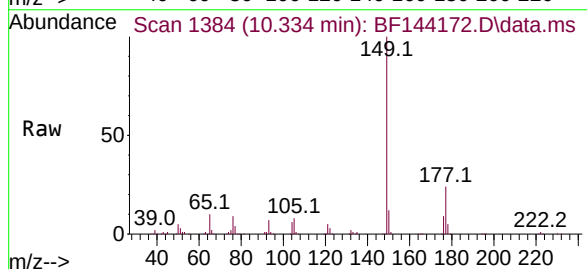
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

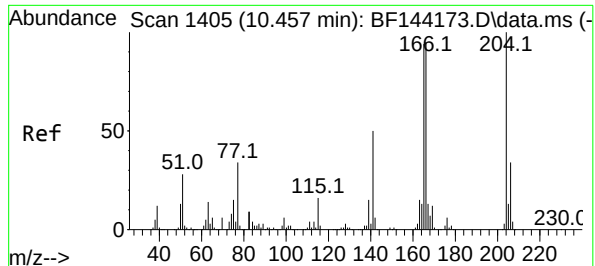
Tgt Ion:232 Resp: 73978
Ion Ratio Lower Upper
232 100
131 40.2 30.3 45.5
130 1.6 1.2 1.8
166 26.1 21.5 32.3



#60
Diethylphthalate
Concen: 20.535 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 276008
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.4 9.8 14.6

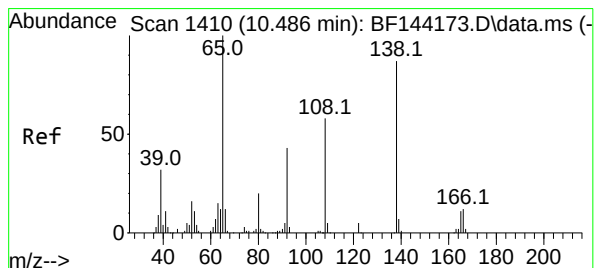
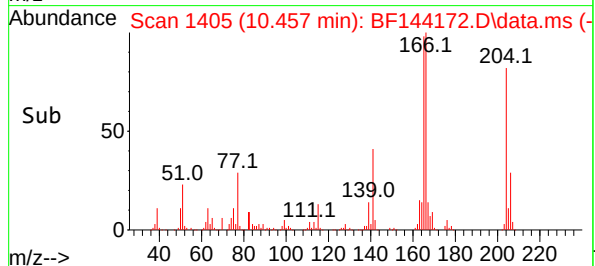
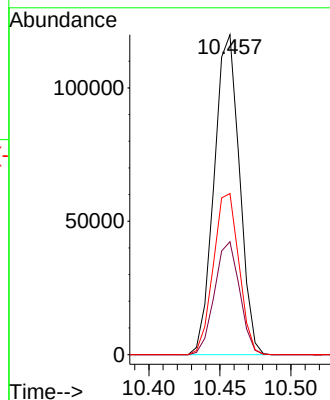
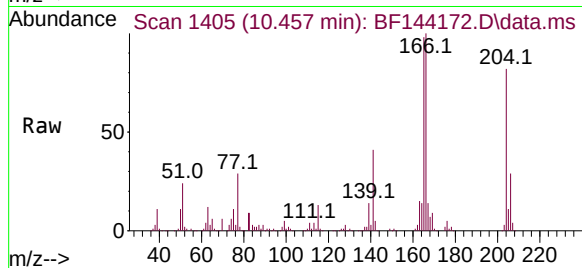




#61
4-Chlorophenyl-phenylether
Concen: 20.595 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

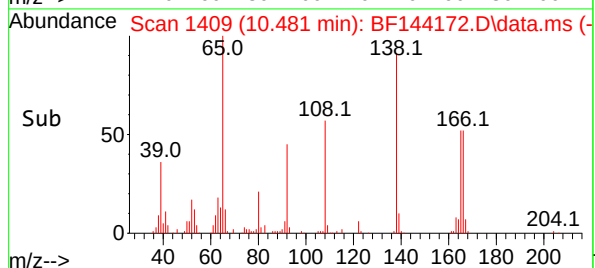
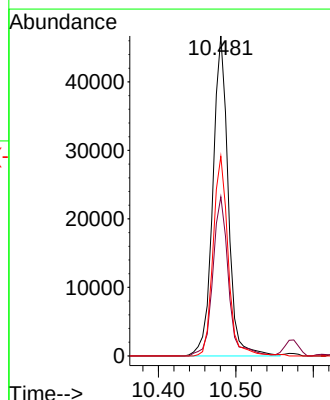
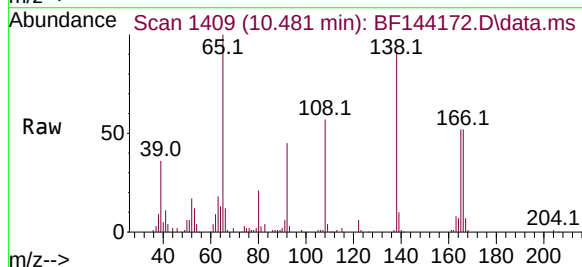
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

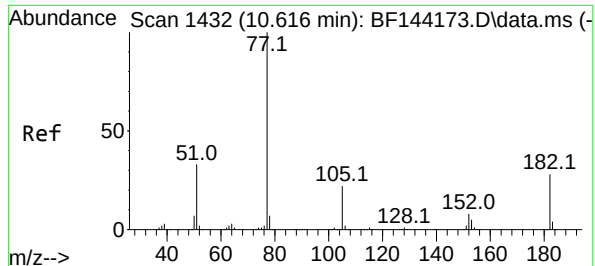
Tgt Ion:204 Resp: 149181
Ion Ratio Lower Upper
204 100
206 35.3 27.4 41.2
141 50.3 40.0 60.0



#62
4-Nitroaniline
Concen: 20.987 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:138 Resp: 64484
Ion Ratio Lower Upper
138 100
92 49.7 29.4 69.4
108 62.4 46.4 86.4

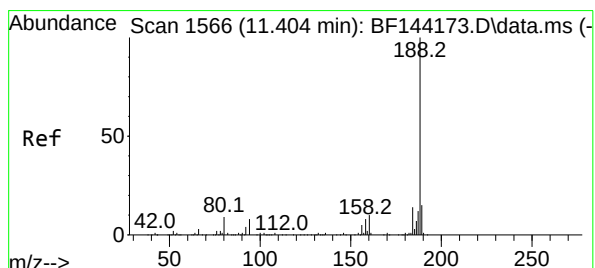
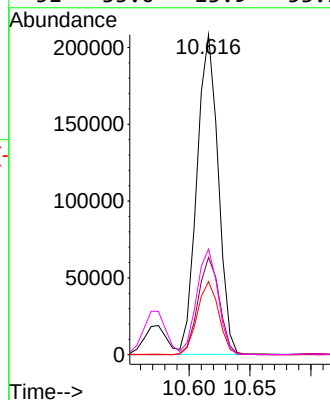
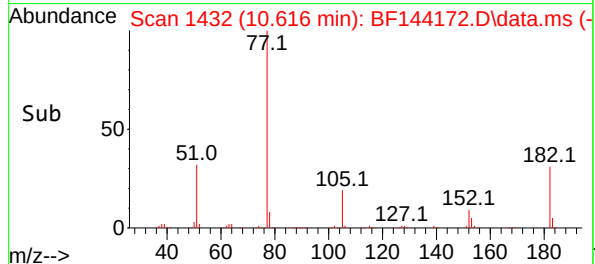
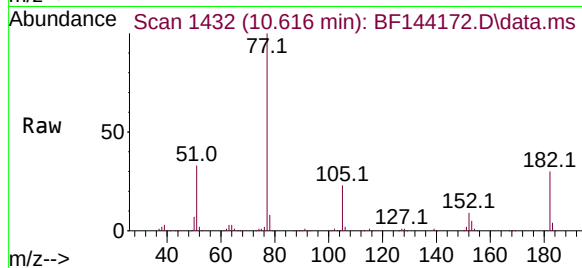




#63
Azobenzene
Concen: 20.147 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

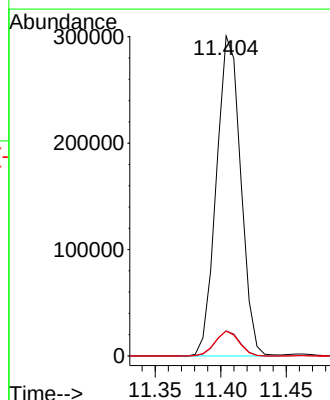
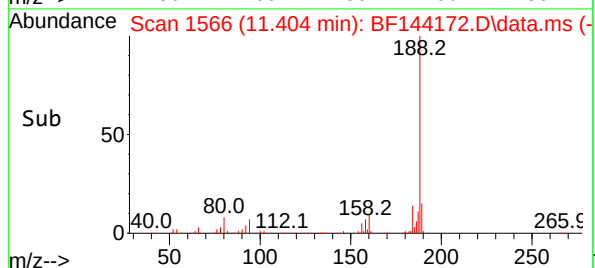
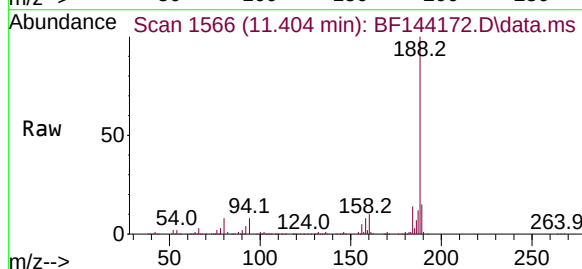
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

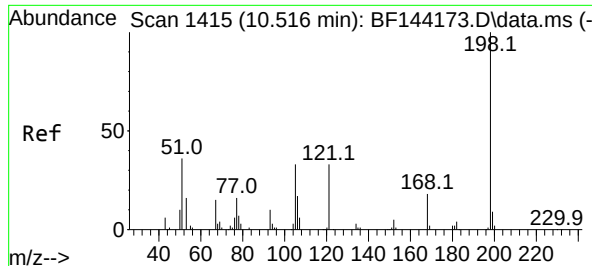
Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.4	8.1	48.1
105	22.8	2.0	42.0
51	33.0	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	7.7	6.9	10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 20.307 ng

RT: 10.510 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

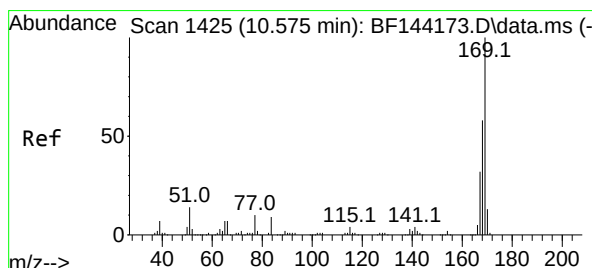
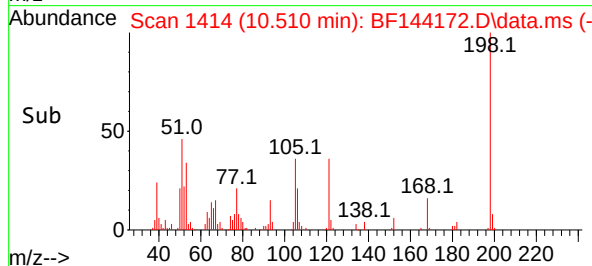
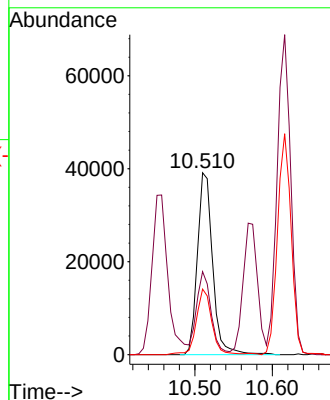
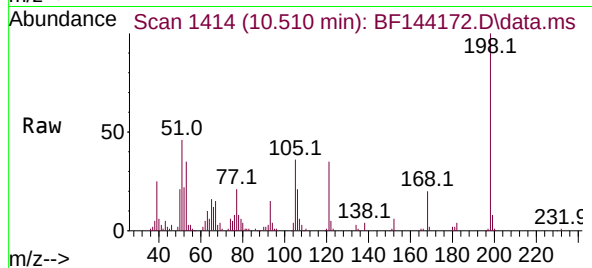
Tgt Ion:198 Resp: 53585

Ion Ratio Lower Upper

198 100

51 45.6 25.6 65.6

105 36.0 14.6 54.6



#66

n-Nitrosodiphenylamine

Concen: 19.743 ng

RT: 10.575 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

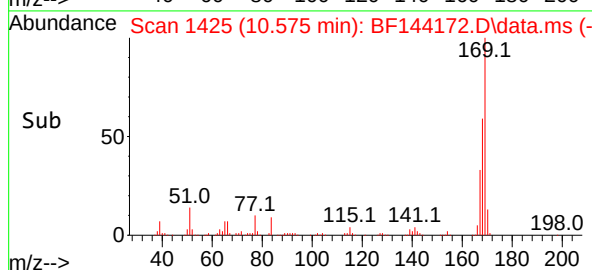
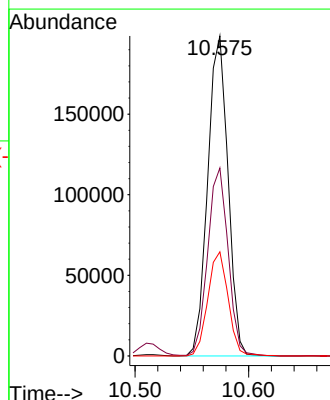
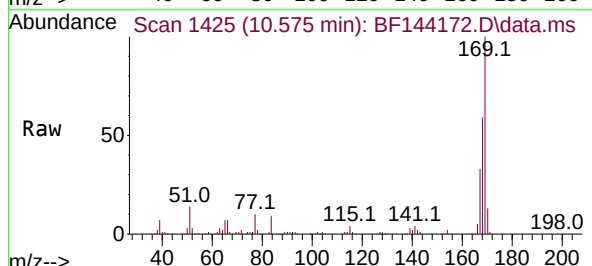
Tgt Ion:169 Resp: 246642

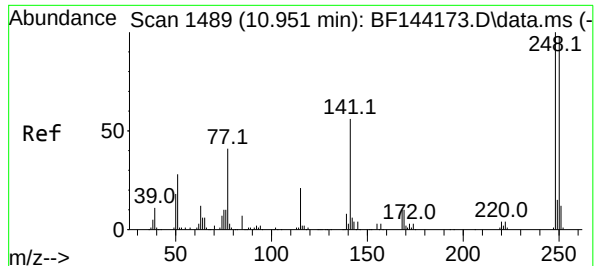
Ion Ratio Lower Upper

169 100

168 58.7 46.2 69.2

167 32.5 25.7 38.5

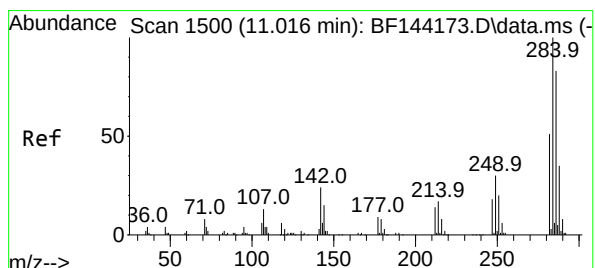
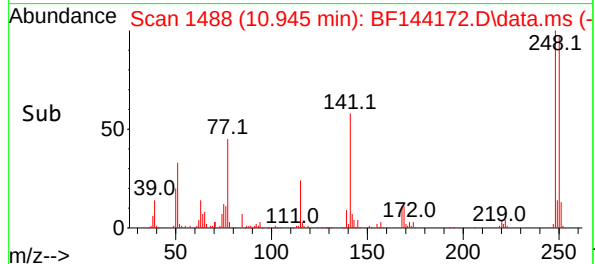
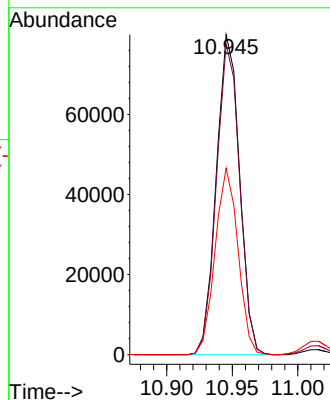
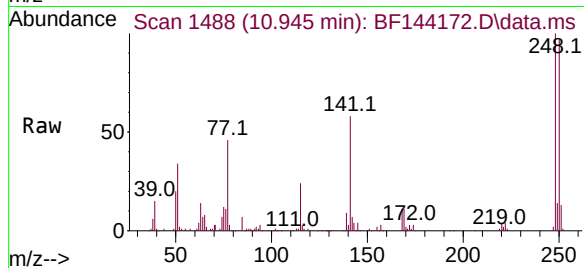




#67
4-Bromophenyl-phenylether
Concen: 19.959 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

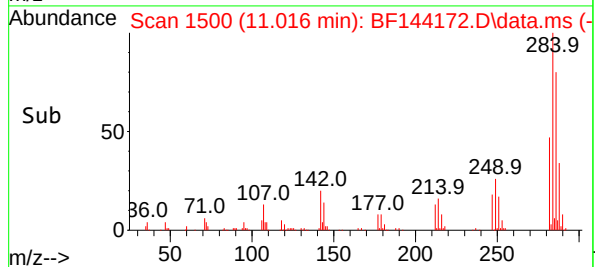
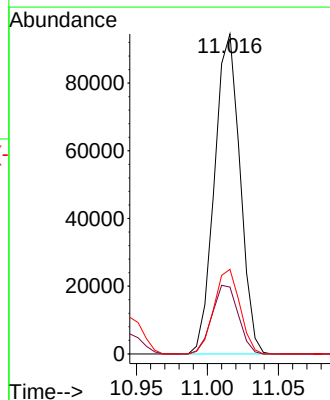
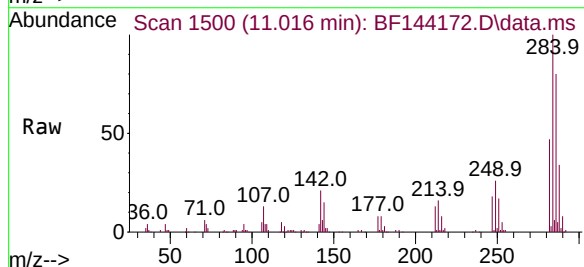
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

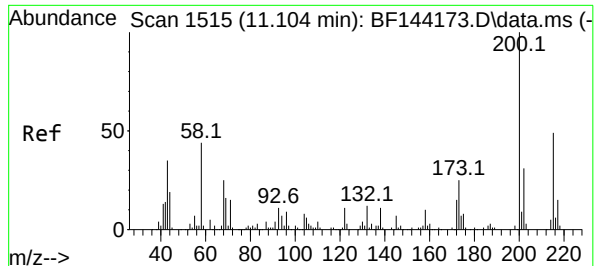
Tgt Ion:248 Resp: 98958
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 58.2 45.1 67.7



#68
Hexachlorobenzene
Concen: 20.279 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:284 Resp: 118426
Ion Ratio Lower Upper
284 100
142 20.9 19.2 28.8
249 26.4 23.8 35.8

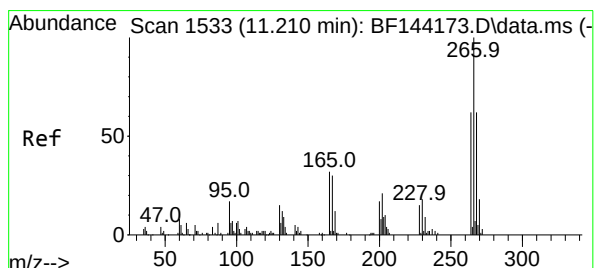
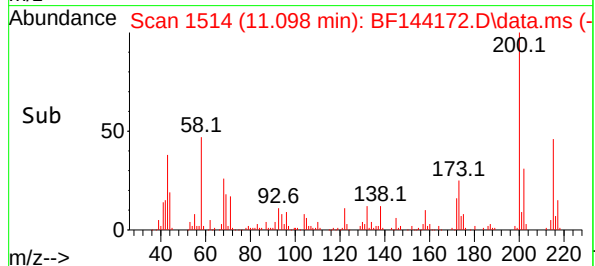
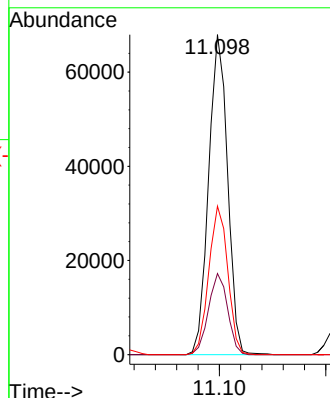
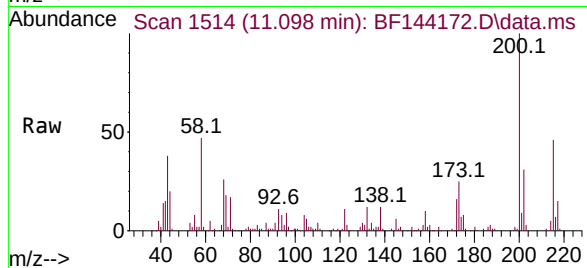




#69
Atrazine
Concen: 21.052 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

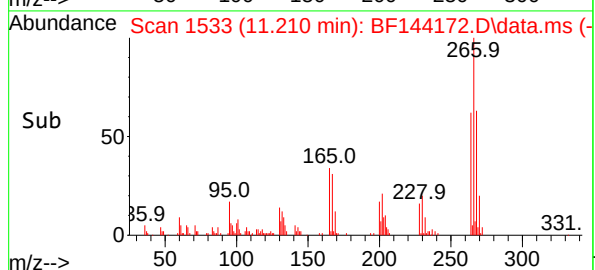
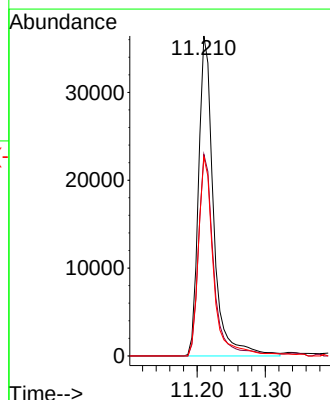
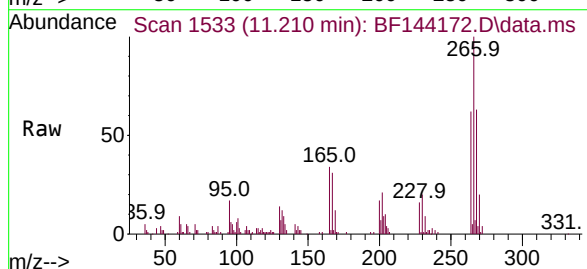
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

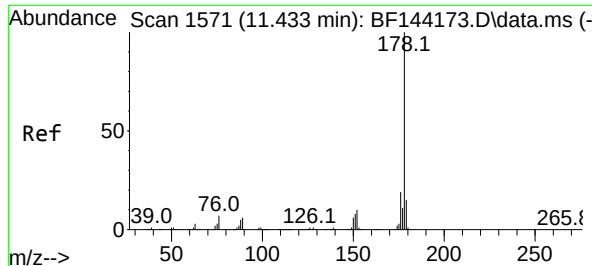
Tgt Ion:200 Resp: 83639
Ion Ratio Lower Upper
200 100
173 25.3 5.0 45.0
215 46.4 28.7 68.7



#70
Pentachlorophenol
Concen: 19.177 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:266 Resp: 55766
Ion Ratio Lower Upper
266 100
268 63.0 49.5 74.3
264 62.1 49.4 74.2

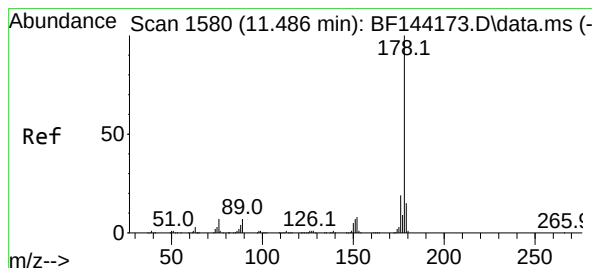
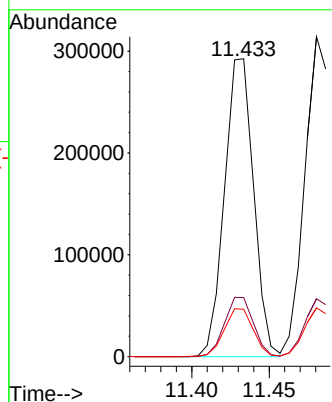
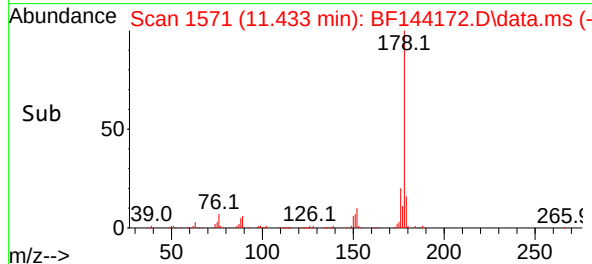
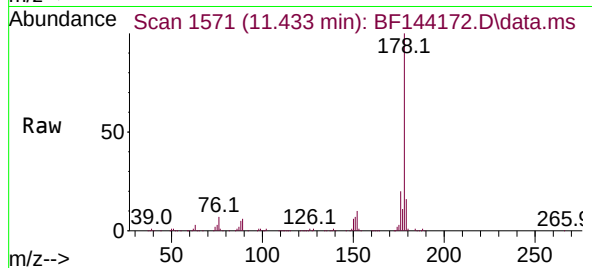




#71
Phenanthrene
Concen: 19.794 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

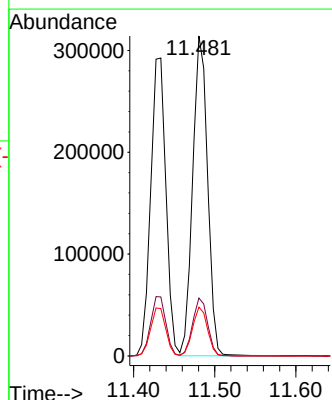
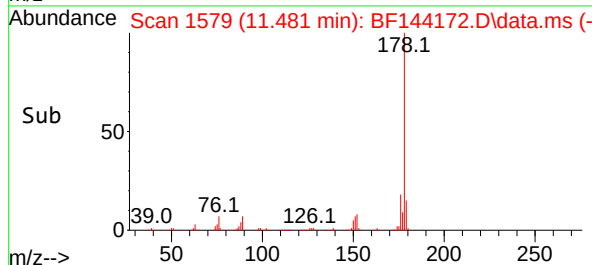
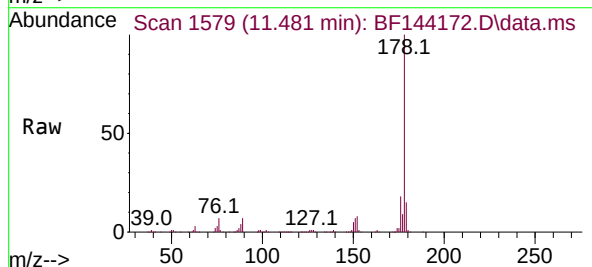
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

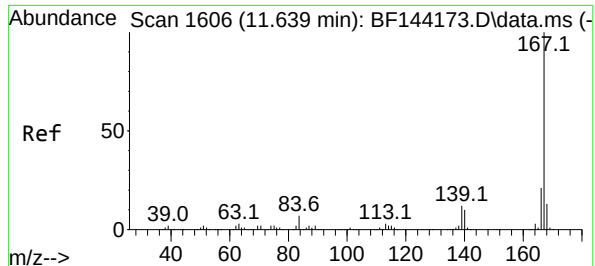
Tgt Ion:178 Resp: 382805
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.2 18.4



#72
Anthracene
Concen: 20.292 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

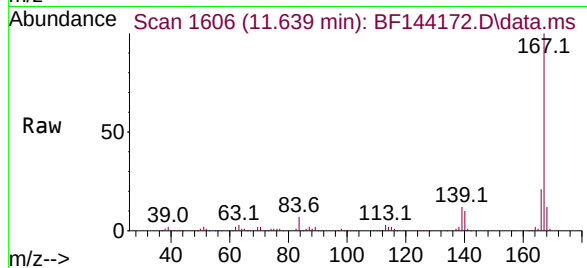
Tgt Ion:178 Resp: 399043
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 15.3 12.0 18.0



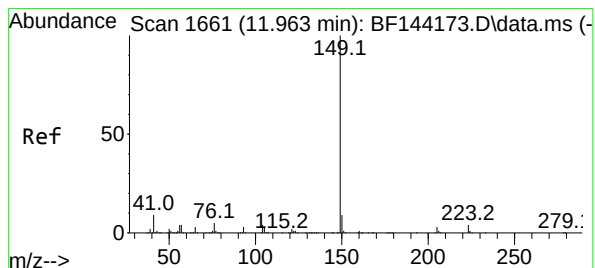
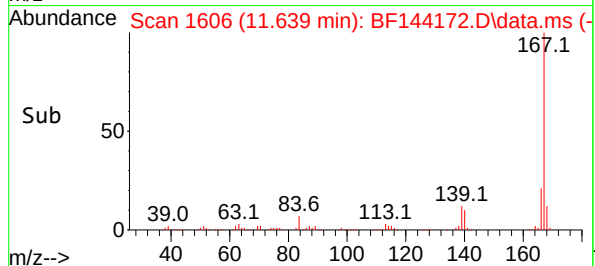
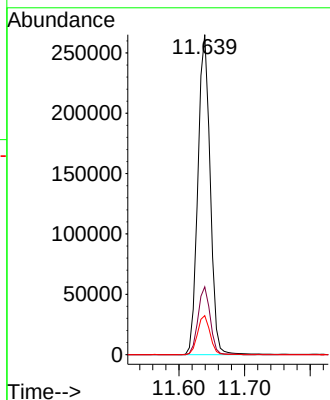


#73
Carbazole
Concen: 20.490 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

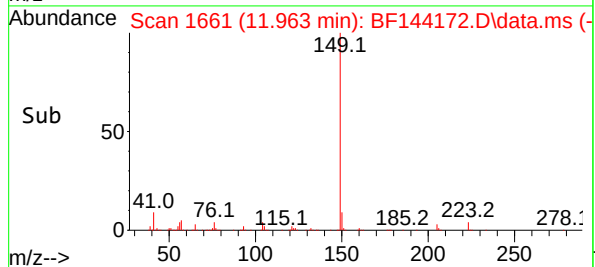
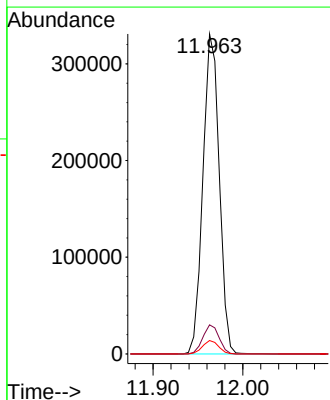
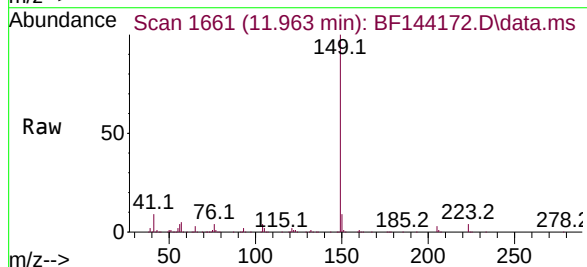


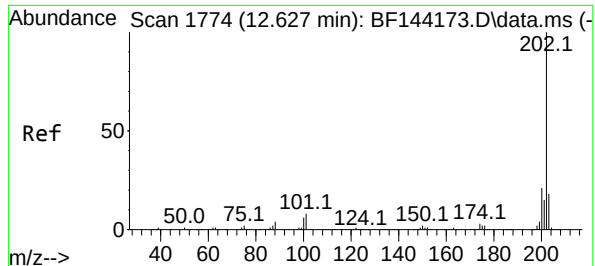
Tgt Ion:167 Resp: 342636
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 20.691 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 418262
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.2 3.4 5.2

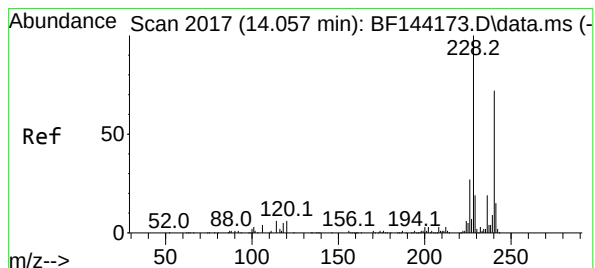
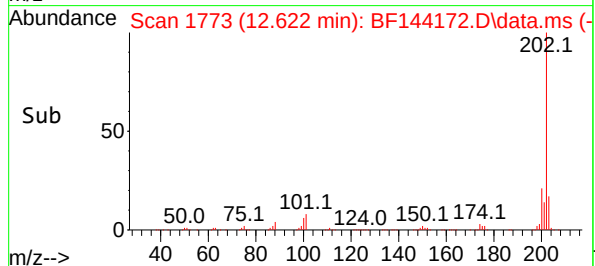
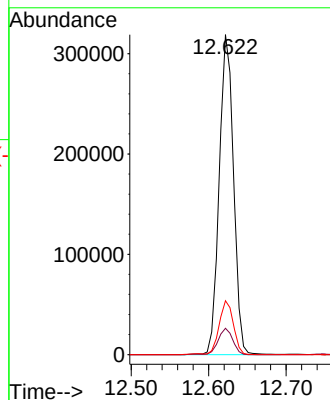
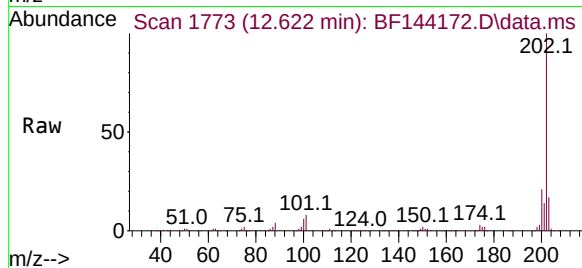




#75
Fluoranthene
Concen: 20.466 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

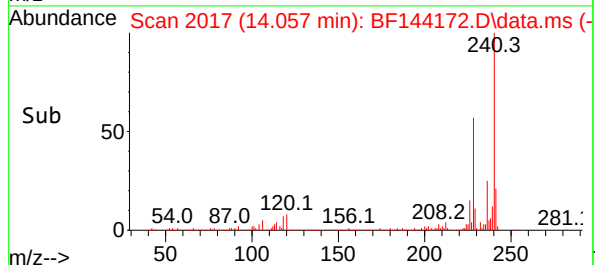
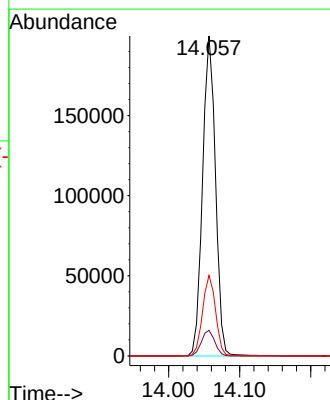
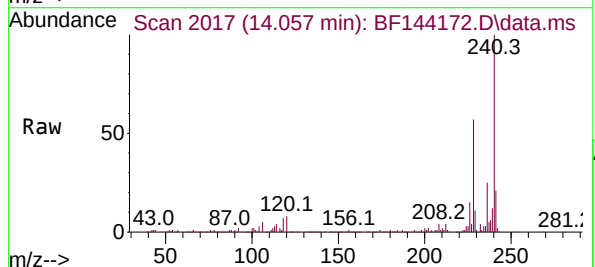
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

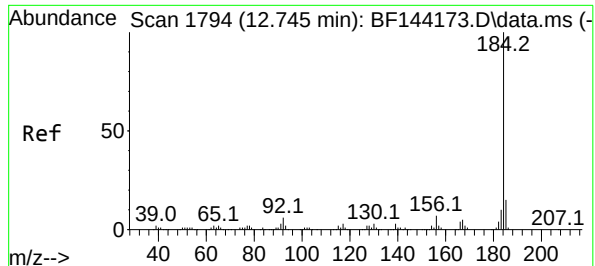
Tgt Ion:202 Resp: 408870
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.9
203 16.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:240 Resp: 250706
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 25.2 21.4 32.2





#77

Benzidine

Concen: 17.535 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

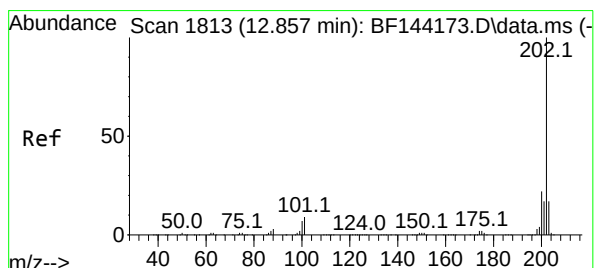
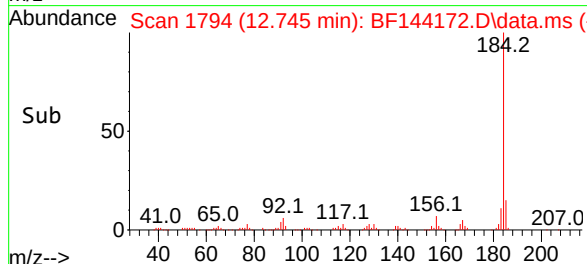
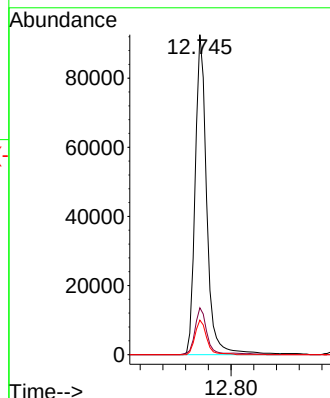
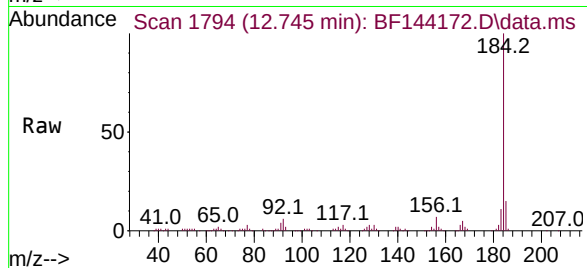
Tgt Ion:184 Resp: 130033

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.8 8.3 12.5



#78

Pyrene

Concen: 20.229 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

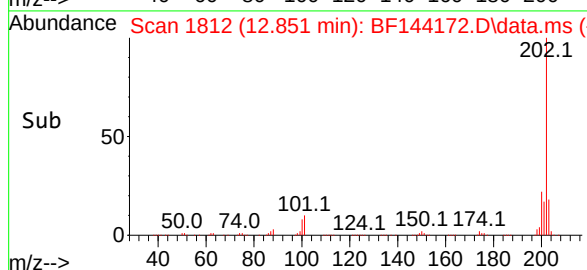
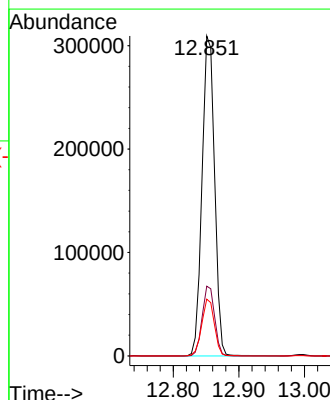
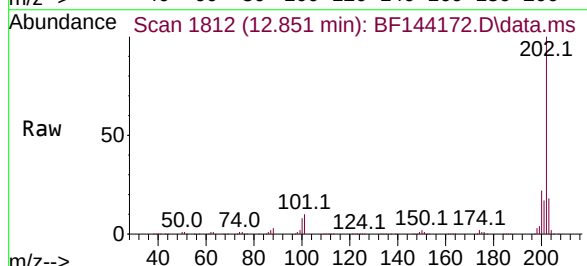
Tgt Ion:202 Resp: 408920

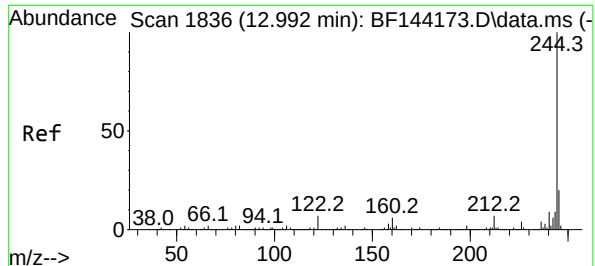
Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.7 13.7 20.5





#79

Terphenyl-d14

Concen: 40.461 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144172.D

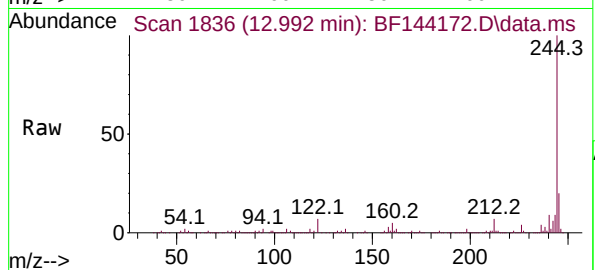
Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



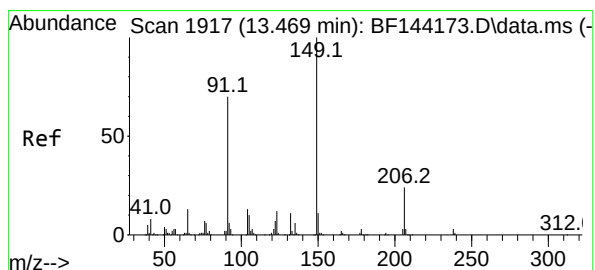
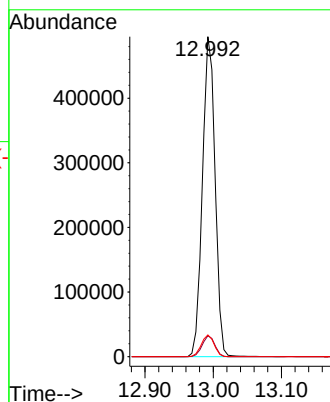
Tgt Ion:244 Resp: 638611

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 19.677 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

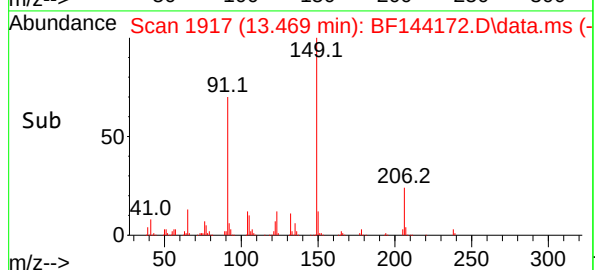
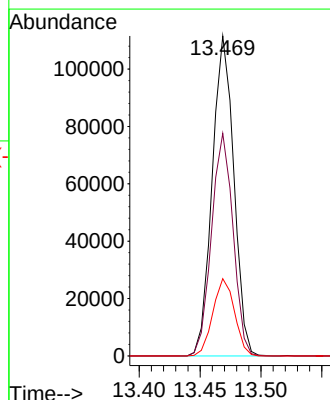
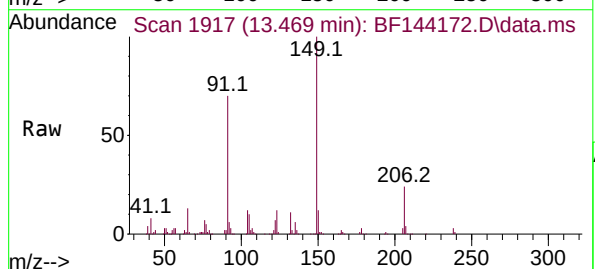
Tgt Ion:149 Resp: 137856

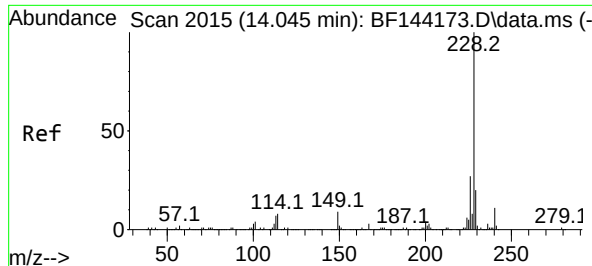
Ion Ratio Lower Upper

149 100

91 69.5 56.1 84.1

206 24.1 18.8 28.2

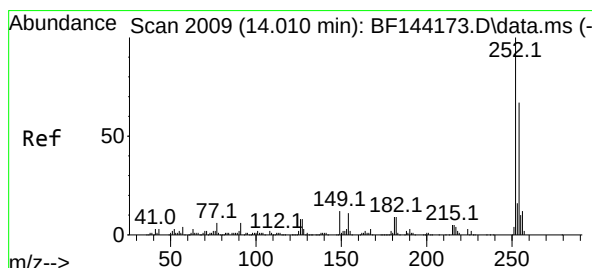
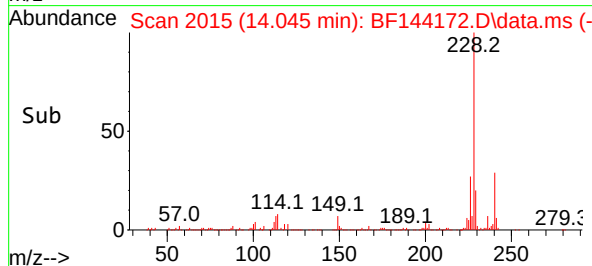
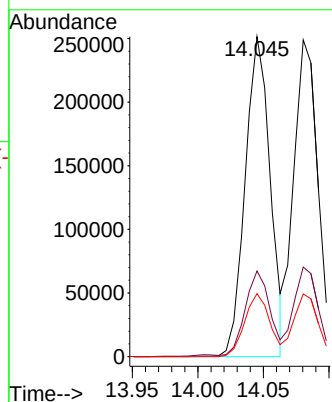
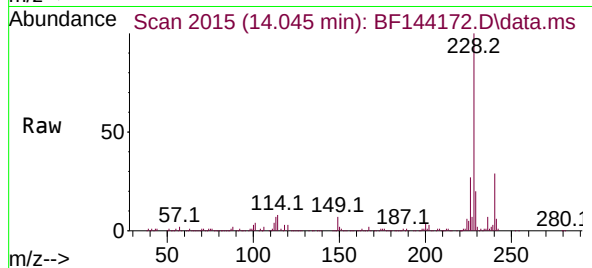




#81
Benzo(a)anthracene
Concen: 19.191 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

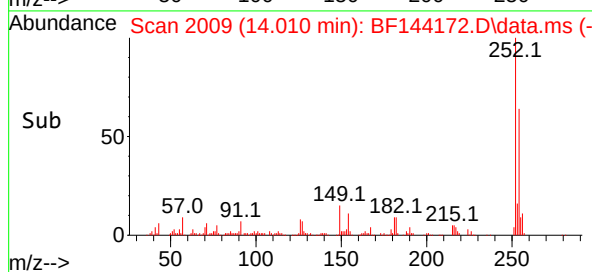
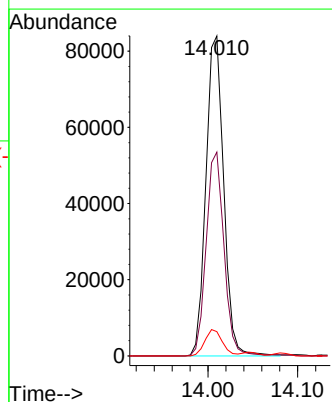
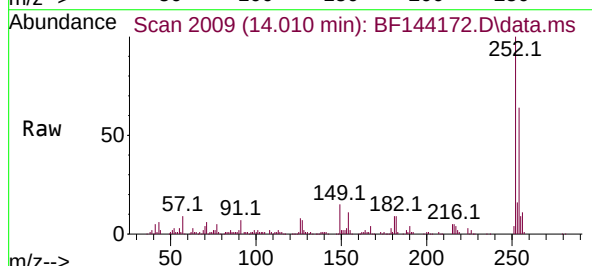
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

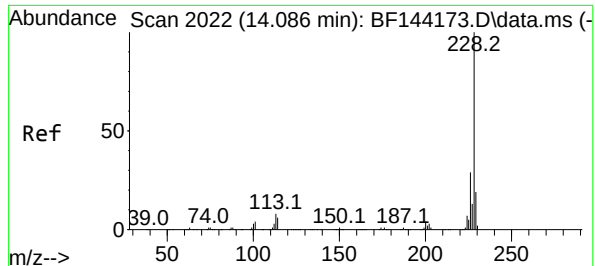
Tgt Ion:228 Resp: 333458
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 19.389 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:252 Resp: 115478
Ion Ratio Lower Upper
252 100
254 63.7 53.5 80.3
126 7.6 6.4 9.6





#83

Chrysene

Concen: 19.995 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

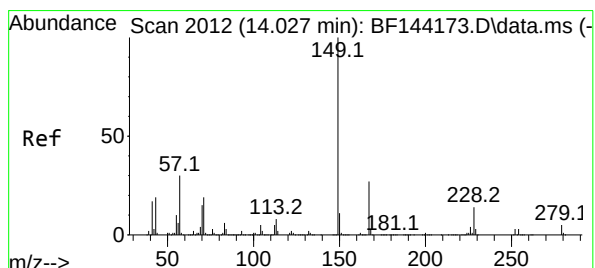
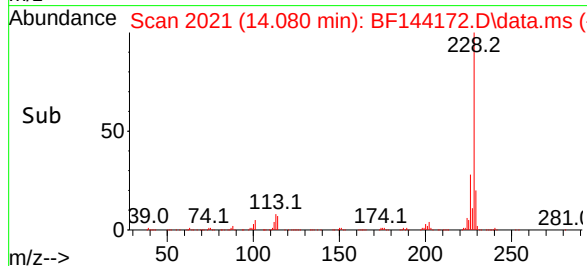
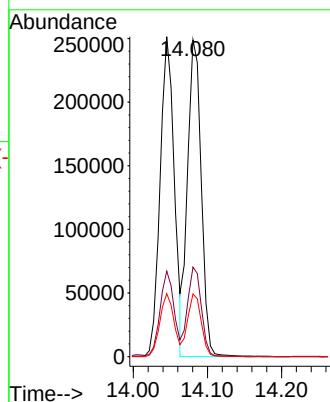
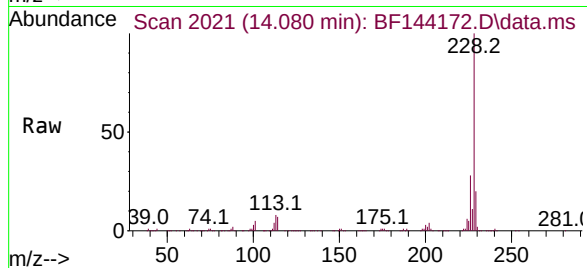
Tgt Ion:228 Resp: 320726

Ion Ratio Lower Upper

228 100

226 28.3 22.9 34.3

229 19.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.738 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

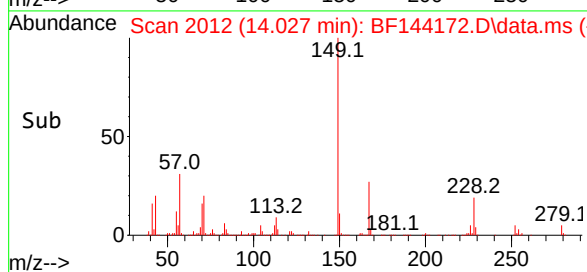
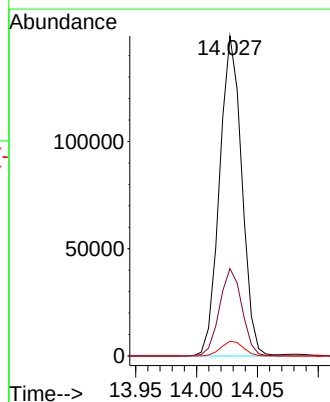
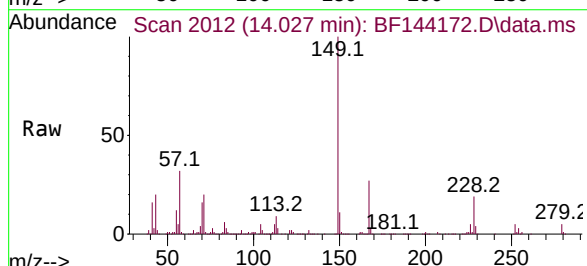
Tgt Ion:149 Resp: 189305

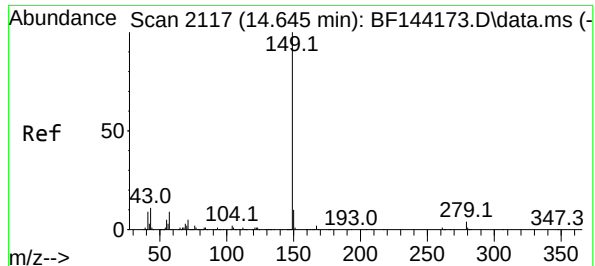
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.6 3.7 5.5

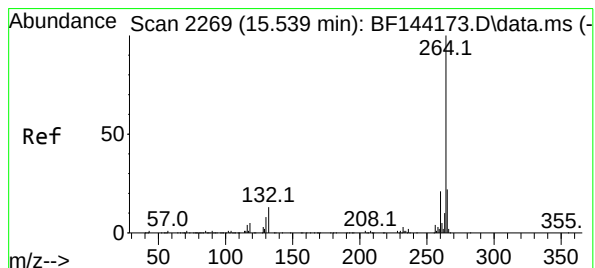
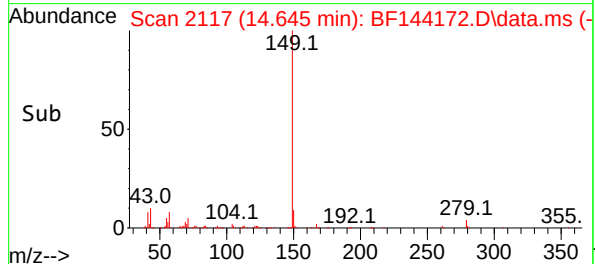
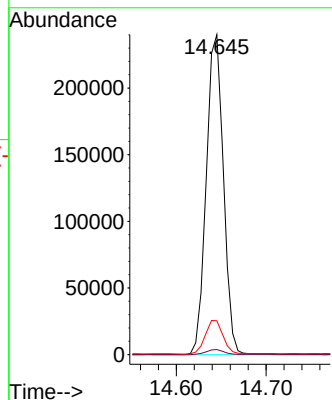
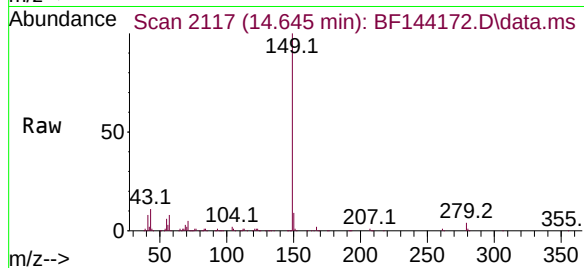




#85
Di-n-octyl phthalate
Concen: 19.268 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

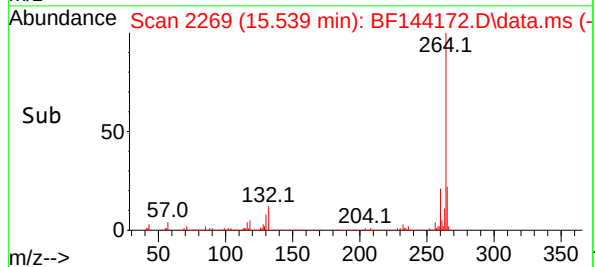
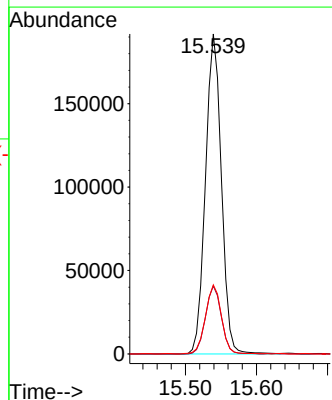
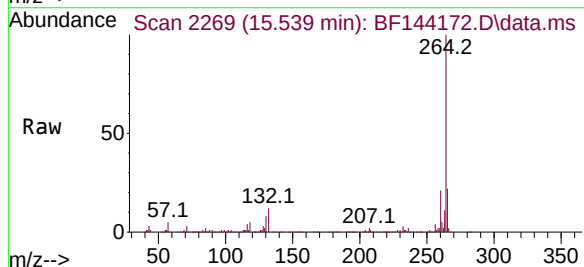
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

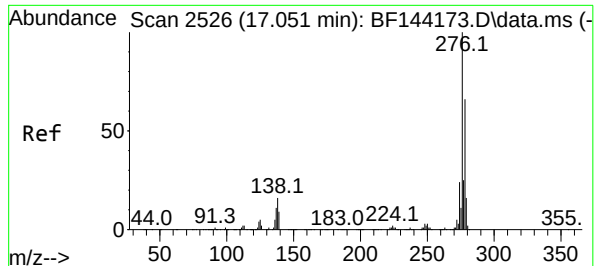
Tgt Ion:149 Resp: 318841
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:264 Resp: 297677
Ion Ratio Lower Upper
264 100
260 21.2 17.1 25.7
265 21.6 17.4 26.0

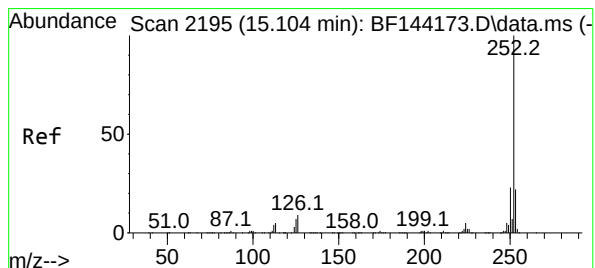
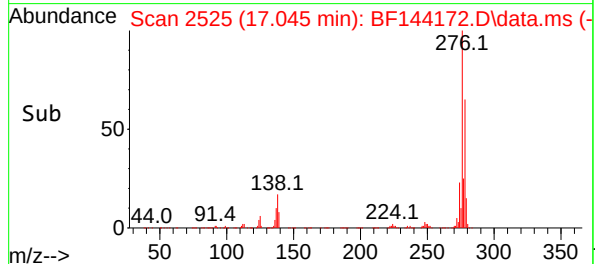
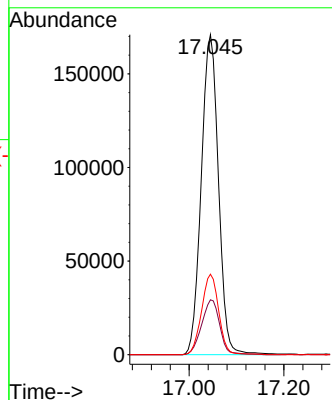
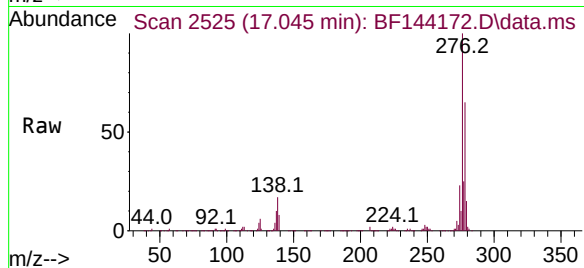




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.155 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

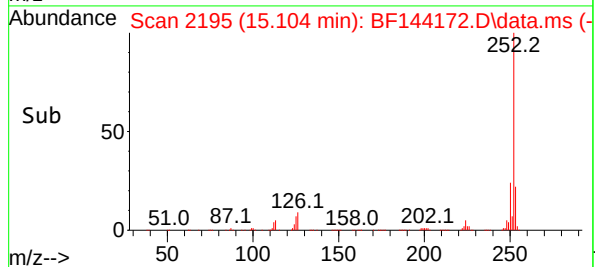
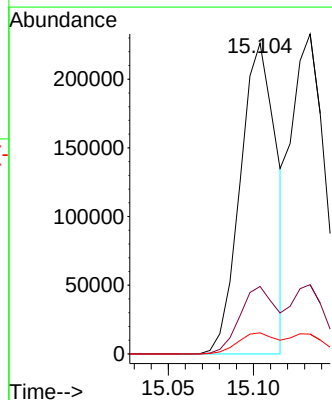
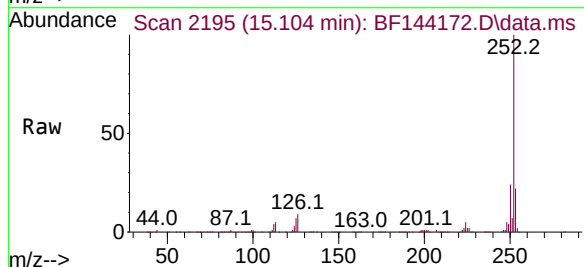
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

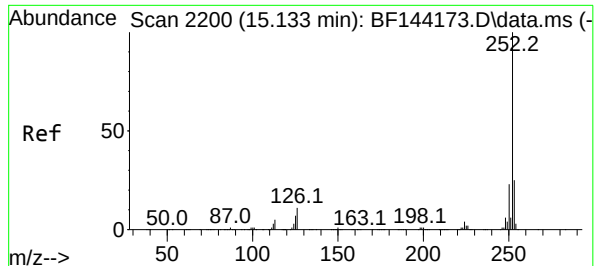
Tgt Ion:276 Resp: 430691
Ion Ratio Lower Upper
276 100
138 18.0 13.9 20.9
277 25.0 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 19.598 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:252 Resp: 331673
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 6.8 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 20.358 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

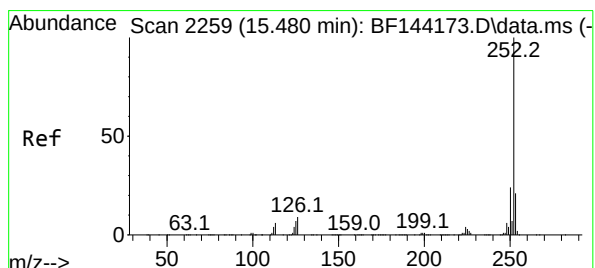
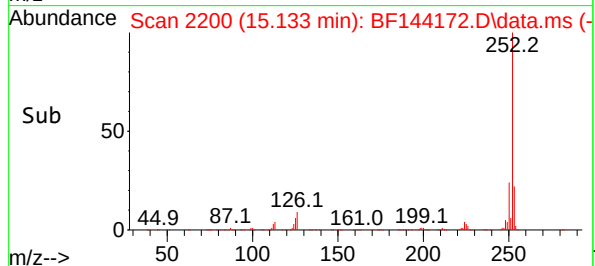
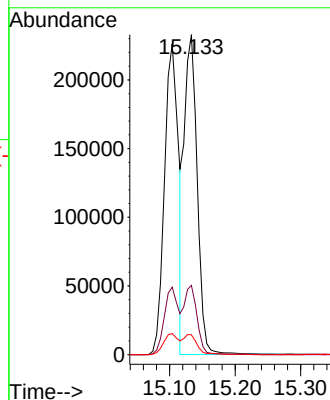
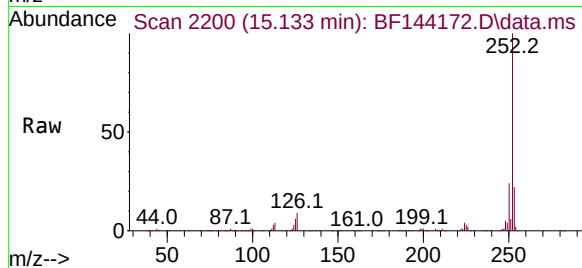
Tgt Ion:252 Resp: 322479

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 6.2 5.4 8.2



#90

Benzo(a)pyrene

Concen: 20.169 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

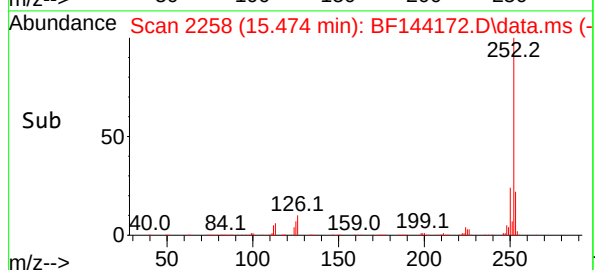
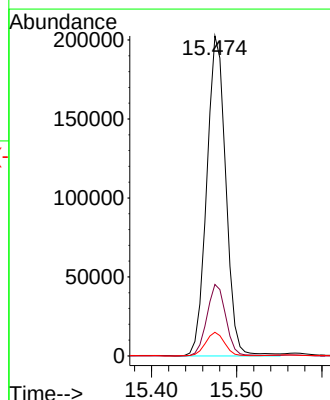
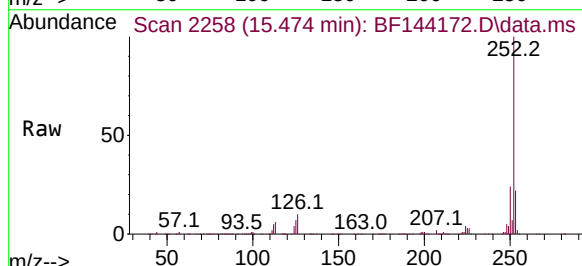
Tgt Ion:252 Resp: 314894

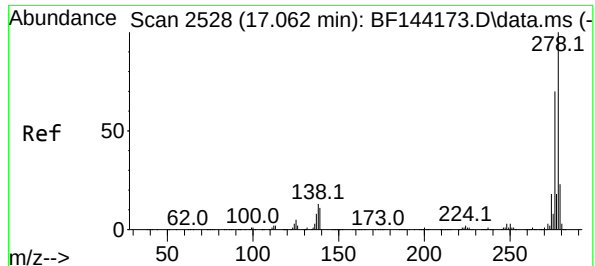
Ion Ratio Lower Upper

252 100

253 22.3 16.7 25.1

125 7.4 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 20.383 ng

RT: 17.057 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

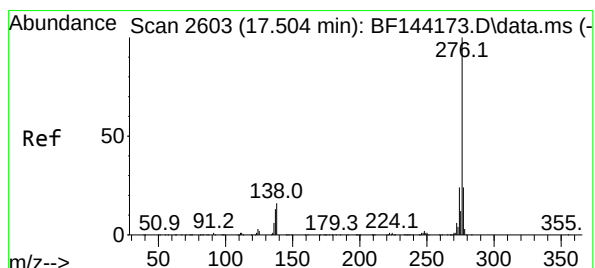
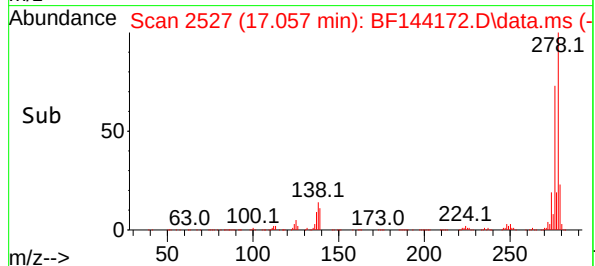
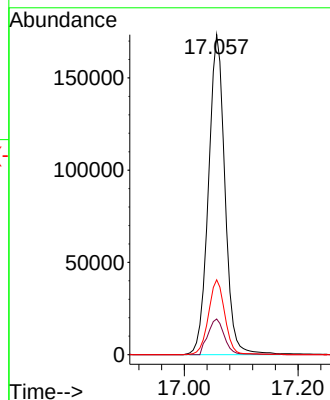
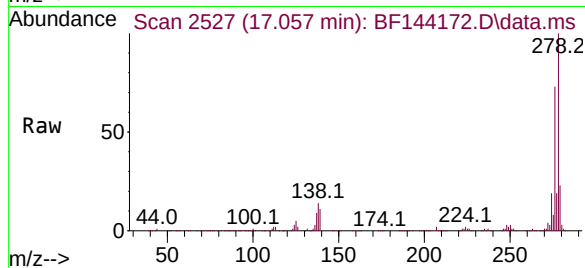
Tgt Ion:278 Resp: 349788

Ion Ratio Lower Upper

278 100

139 11.1 9.1 13.7

279 23.4 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 20.248 ng

RT: 17.498 min Scan# 2602

Delta R.T. -0.023 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

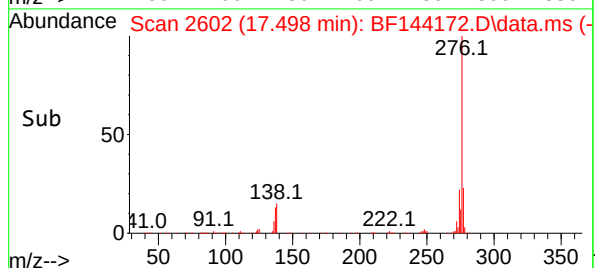
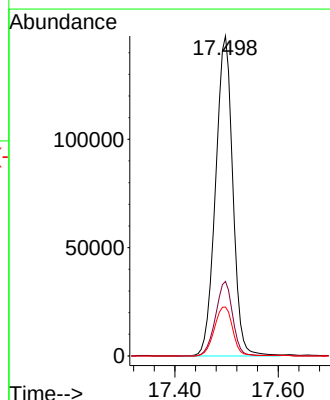
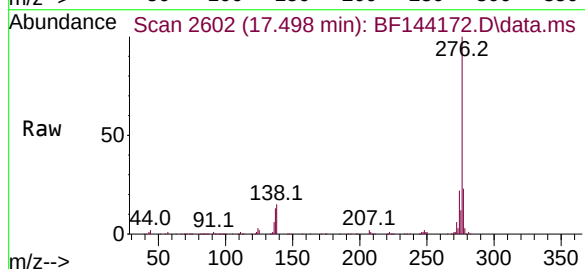
Tgt Ion:276 Resp: 343144

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 15.3 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144173.D
 Acq On : 05 Nov 2025 14:50
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69901	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	262306	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	148823	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	257329	20.000	ng	0.00
76) Chrysene-d12	14.057	240	162650	20.000	ng	0.00
86) Perylene-d12	15.539	264	208923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	367722	82.322	ng	0.00
7) Phenol-d6	6.504	99	408339	80.678	ng	0.00
23) Nitrobenzene-d5	7.440	82	377687	83.160	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	157795	84.493	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	803464	79.737	ng	0.00
79) Terphenyl-d14	12.992	244	856515	83.645	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	77384	41.903	ng	100
3) Pyridine	3.375	79	212533	41.251	ng	100
4) n-Nitrosodimethylamine	3.322	42	108374	40.269	ng	100
6) Aniline	6.540	93	288906	40.064	ng	100
8) 2-Chlorophenol	6.657	128	179075	40.879	ng	100
9) Benzaldehyde	6.428	77	114062	39.909	ng	100
10) Phenol	6.516	94	259703	41.997	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	184041	40.844	ng	100
12) 1,3-Dichlorobenzene	6.816	146	215469	39.861	ng	100
13) 1,4-Dichlorobenzene	6.893	146	222488	41.084	ng	100
14) 1,2-Dichlorobenzene	7.045	146	207631	40.001	ng	100
15) Benzyl Alcohol	7.016	79	162316	40.501	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	338078	40.743	ng	100
17) 2-Methylphenol	7.128	107	144386	41.431	ng	100
18) Hexachloroethane	7.387	117	74377	41.339	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	132769	39.848	ng	100
20) 3+4-Methylphenols	7.281	107	169917	41.361	ng	100
22) Acetophenone	7.287	105	227627	40.452	ng	100
24) Nitrobenzene	7.457	77	203520	41.272	ng	100
25) Isophorone	7.692	82	352919	41.082	ng	100
26) 2-Nitrophenol	7.775	139	103181	42.269	ng	100
27) 2,4-Dimethylphenol	7.810	122	156535	42.784	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	221900	41.364	ng	100
29) 2,4-Dichlorophenol	8.016	162	173779	41.210	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	176777	40.825	ng	100
31) Naphthalene	8.181	128	508521	40.755	ng	100
32) Benzoic acid	7.916	122	94209	35.128	ng	100
33) 4-Chloroaniline	8.228	127	190054	41.763	ng	100
34) Hexachlorobutadiene	8.292	225	135990	41.671	ng	100
35) Caprolactam	8.598	113	48459	41.945	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	155844	41.237	ng	100
37) 2-Methylnaphthalene	8.869	142	339639	40.712	ng	100
38) 1-Methylnaphthalene	8.969	142	325483	40.435	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	200998	41.210	ng	100
41) Hexachlorocyclopentadiene	9.022	237	59520	39.991	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	135691	40.875	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144173.D
 Acq On : 05 Nov 2025 14:50
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

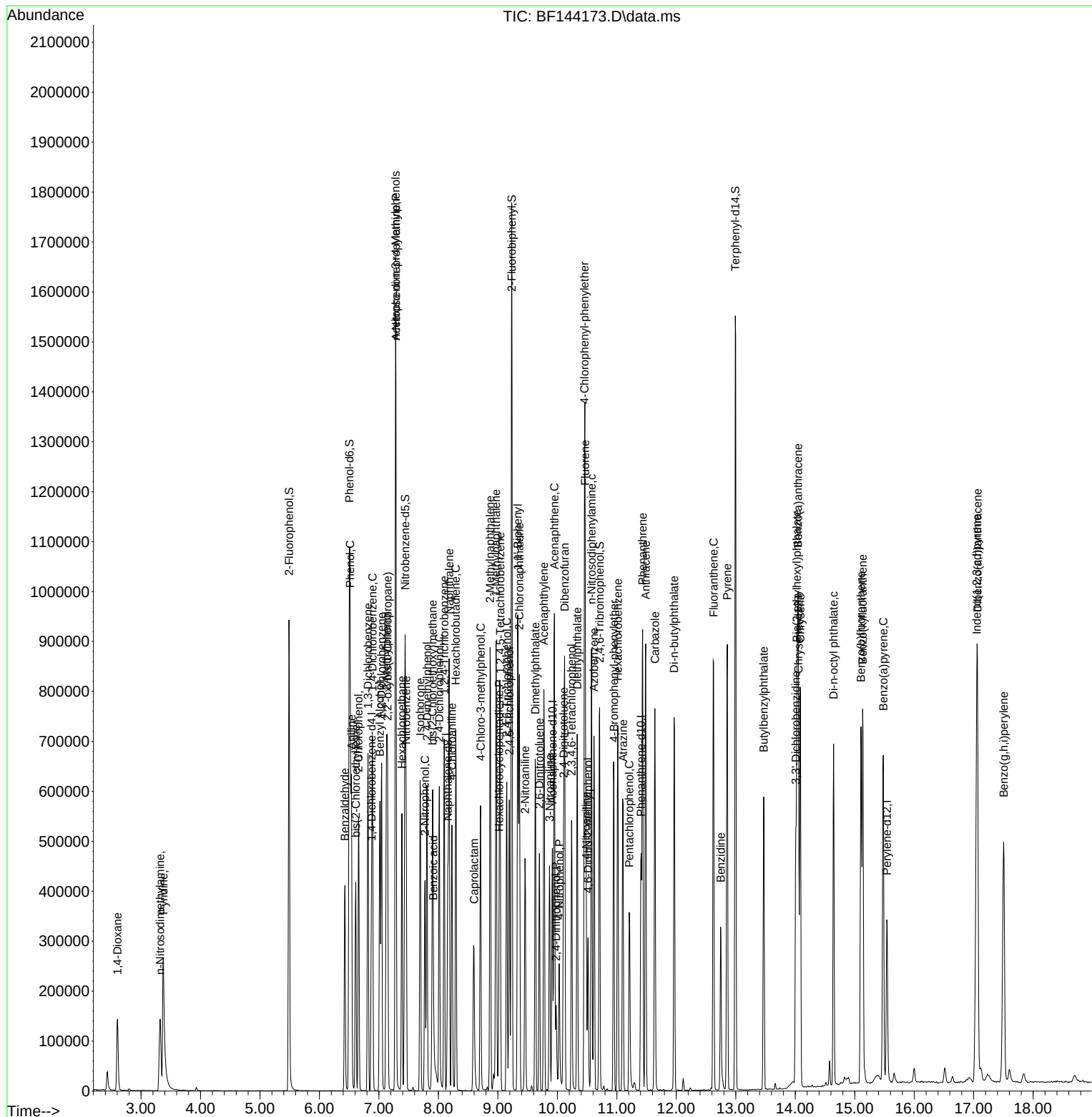
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	145405	40.641	ng	100
46) 1,1'-Biphenyl	9.334	154	419119	40.345	ng	100
47) 2-Chloronaphthalene	9.363	162	358514	40.458	ng	100
48) 2-Nitroaniline	9.457	65	107536	42.059	ng	100
49) Acenaphthylene	9.775	152	489708	40.553	ng	100
50) Dimethylphthalate	9.628	163	400479	40.620	ng	100
51) 2,6-Dinitrotoluene	9.698	165	82166	41.169	ng	100
52) Acenaphthene	9.951	154	326285	40.406	ng	100
53) 3-Nitroaniline	9.869	138	93636	42.918	ng	100
54) 2,4-Dinitrophenol	9.981	184	41716	34.614	ng	100
55) Dibenzofuran	10.122	168	461538	40.810	ng	100
56) 4-Nitrophenol	10.034	139	60643	38.426	ng	100
57) 2,4-Dinitrotoluene	10.104	165	114508	42.858	ng	100
58) Fluorene	10.469	166	351182	40.841	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	106411	42.037	ng	100
60) Diethylphthalate	10.334	149	373187	41.061	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	203750	41.598	ng	100
62) 4-Nitroaniline	10.486	138	85679	41.237	ng	100
63) Azobenzene	10.616	77	346367	40.948	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	67029	38.343	ng	100
66) n-Nitrosodiphenylamine	10.575	169	332623	40.189	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	135319	41.198	ng	100
68) Hexachlorobenzene	11.016	284	154532	39.943	ng	100
69) Atrazine	11.104	200	105912	40.239	ng	100
70) Pentachlorophenol	11.210	266	80306	41.685	ng	100
71) Phenanthrene	11.433	178	519052	40.513	ng	100
72) Anthracene	11.486	178	525954	40.372	ng	100
73) Carbazole	11.639	167	451935	40.796	ng	100
74) Di-n-butylphthalate	11.963	149	550628	41.117	ng	100
75) Fluoranthene	12.627	202	542525	40.992	ng	100
77) Benzidine	12.745	184	202921	42.178	ng	100
78) Pyrene	12.857	202	554374	42.272	ng	100
80) Butylbenzylphthalate	13.469	149	191850	42.209	ng	100
81) Benzo(a)anthracene	14.045	228	465201	41.267	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	156957	40.620	ng	100
83) Chrysene	14.086	228	456347	43.853	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	265384	42.651	ng	100
85) Di-n-octyl phthalate	14.645	149	458823	42.739	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	620668	41.385	ng	100
88) Benzo(b)fluoranthene	15.104	252	515192	43.375	ng	100
89) Benzo(k)fluoranthene	15.133	252	435087	39.135	ng	100
90) Benzo(a)pyrene	15.480	252	449869	41.055	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	500778	41.578	ng	100
92) Benzo(g,h,i)perylene	17.504	276	497680	41.843	ng	100

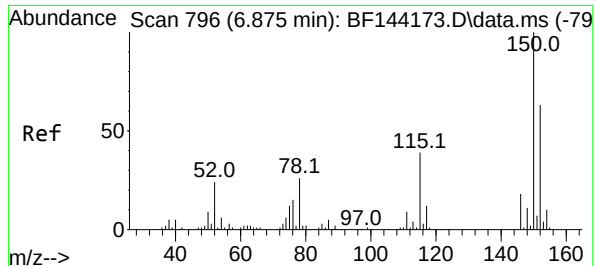
(#) = qualifier out of range (m) = manual integration (+) = signals summed


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Data File : BF144173.D  
Acq On    : 05 Nov 2025  14:50  
Operator  : RC/JU  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

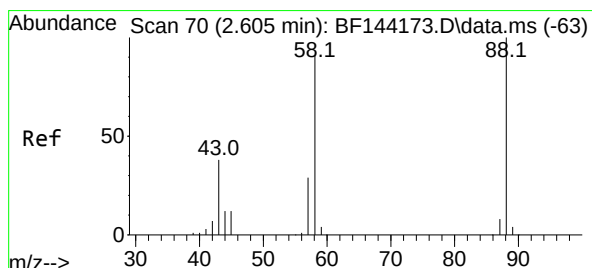
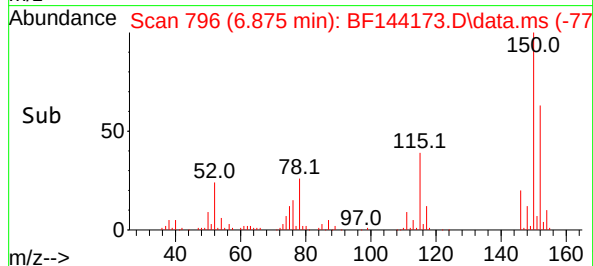
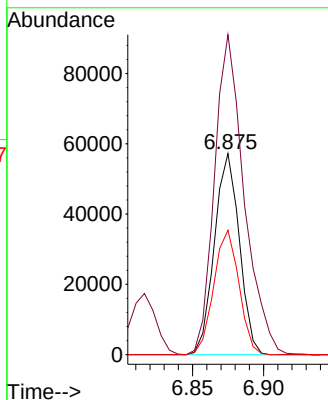
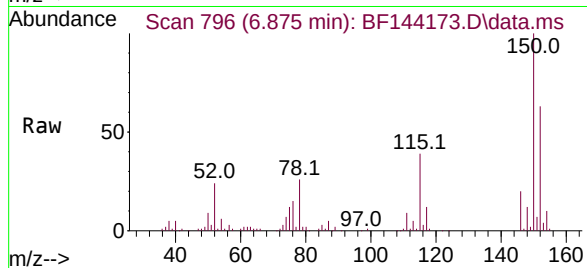




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

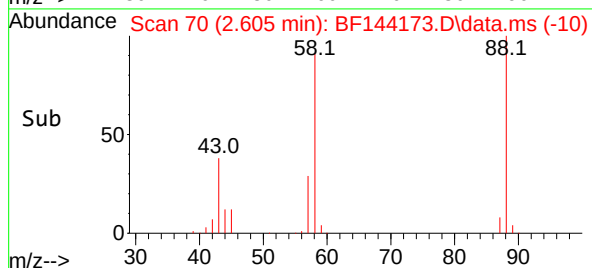
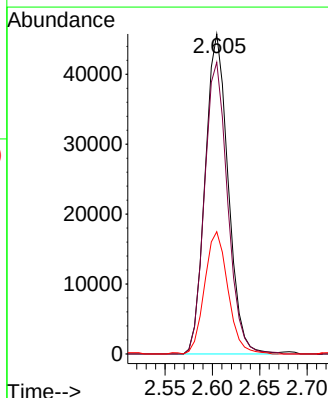
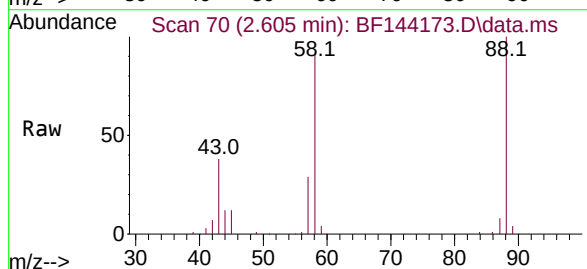
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

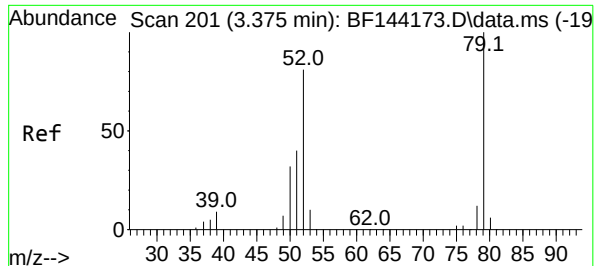
Tgt Ion:152 Resp: 69901
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.0
115 61.9 49.5 74.3



#2
1,4-Dioxane
Concen: 41.903 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 88 Resp: 77384
Ion Ratio Lower Upper
88 100
58 91.4 73.1 109.7
43 38.8 31.0 46.6

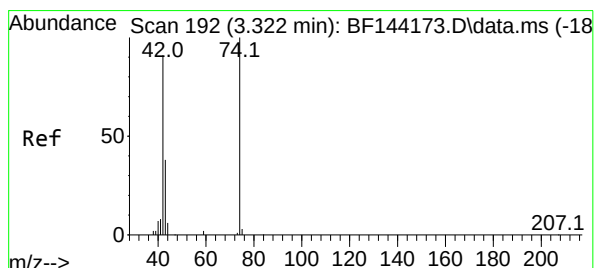
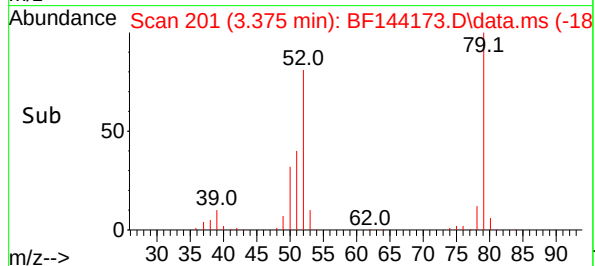
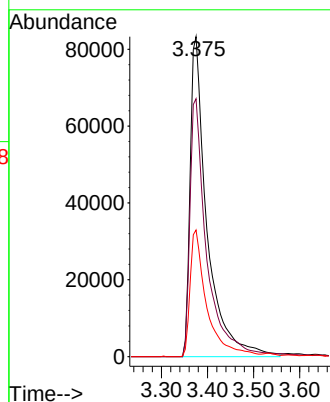
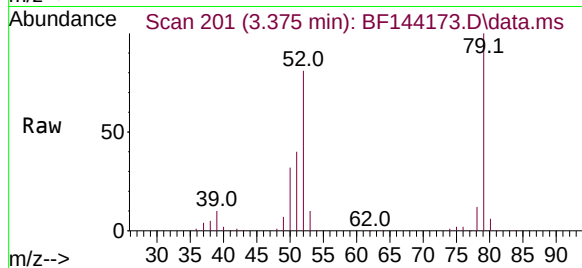




#3
Pyridine
Concen: 41.251 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

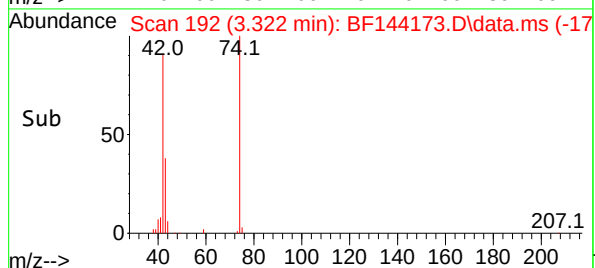
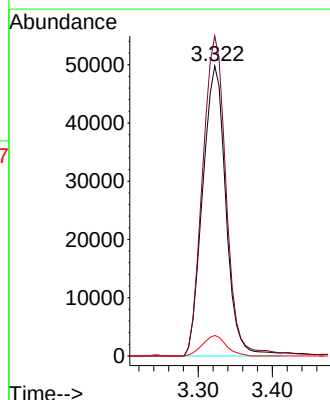
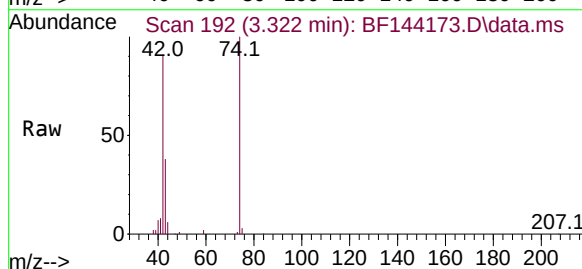
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

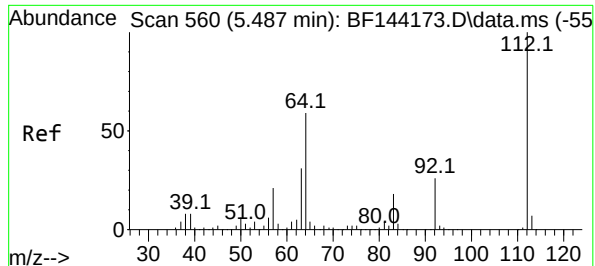
Tgt Ion	Ratio	Lower	Upper
79	100		
52	80.6	64.5	96.7
51	39.6	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 40.269 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.3	88.2	132.4
44	7.1	5.7	8.5

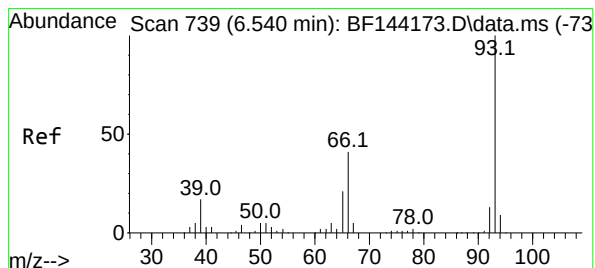
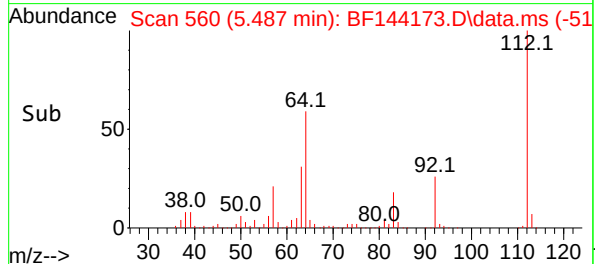
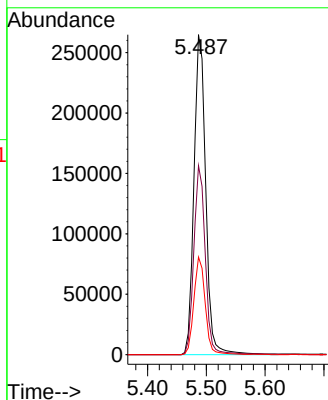
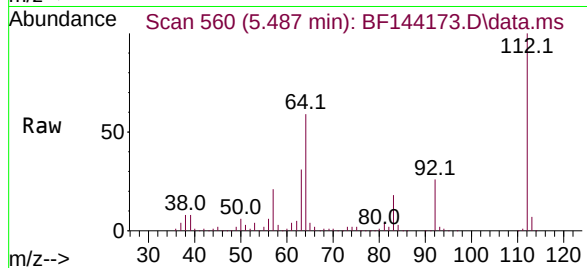




#5
2-Fluorophenol
Concen: 82.322 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

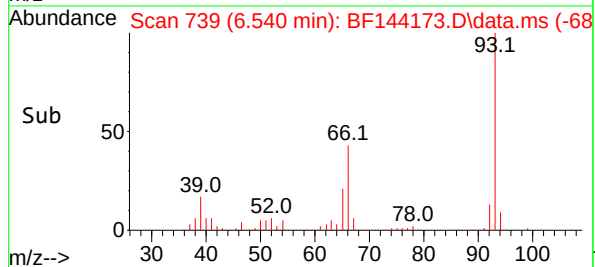
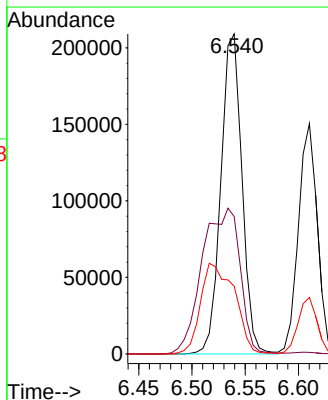
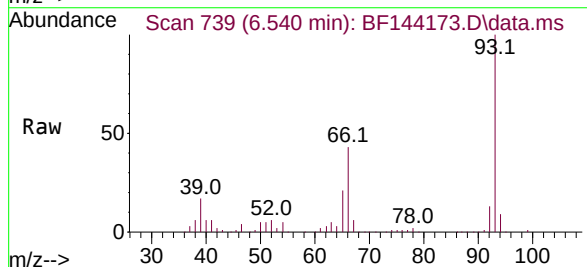
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

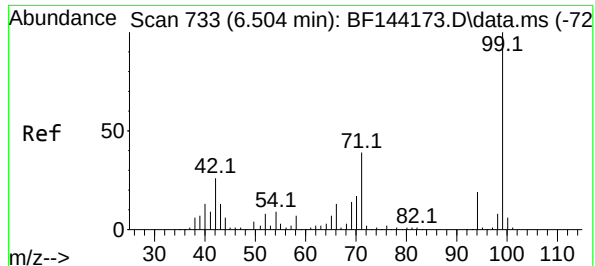
Tgt Ion:112 Resp: 367722
Ion Ratio Lower Upper
112 100
64 59.0 47.2 70.8
63 30.5 24.4 36.6



#6
Aniline
Concen: 40.064 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 93 Resp: 288906
Ion Ratio Lower Upper
93 100
66 42.9 34.3 51.5
65 21.1 16.9 25.3

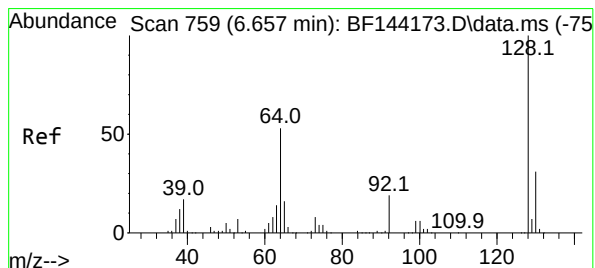
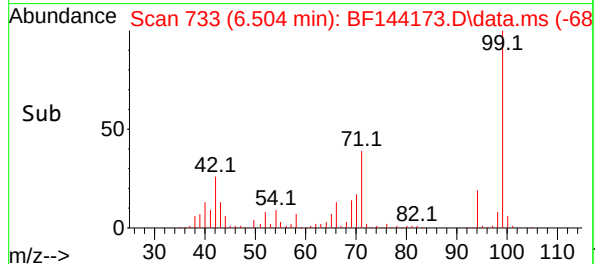
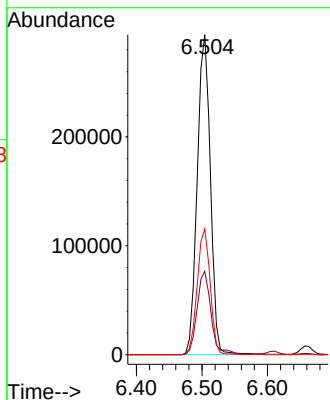
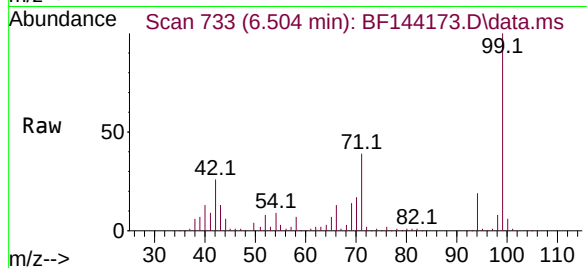




#7
Phenol-d6
Concen: 80.678 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

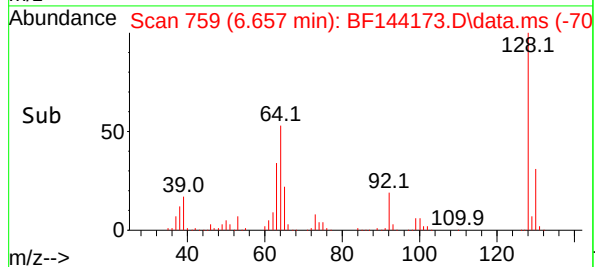
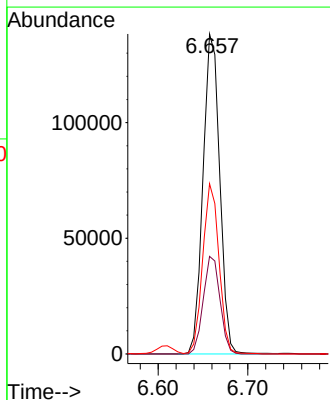
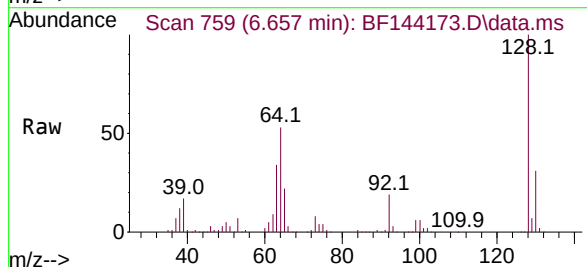
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

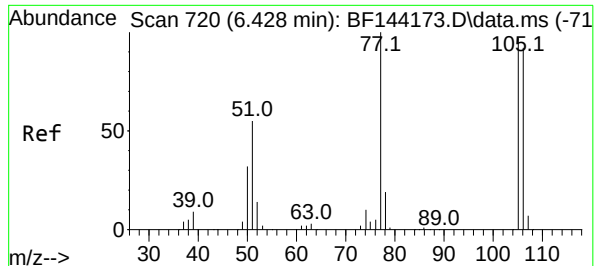
Tgt Ion: 99 Resp: 408339
Ion Ratio Lower Upper
99 100
42 26.1 20.9 31.3
71 39.3 31.4 47.2



#8
2-Chlorophenol
Concen: 40.879 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 128 Resp: 179075
Ion Ratio Lower Upper
128 100
130 30.5 10.5 50.5
64 53.2 33.2 73.2





#9

Benzaldehyde

Concen: 39.909 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

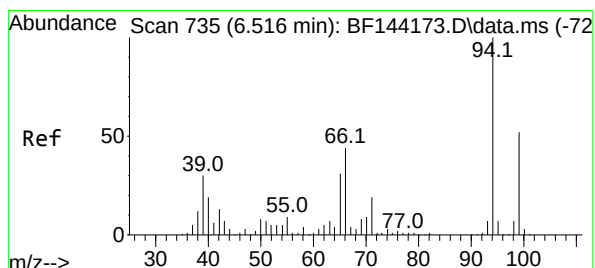
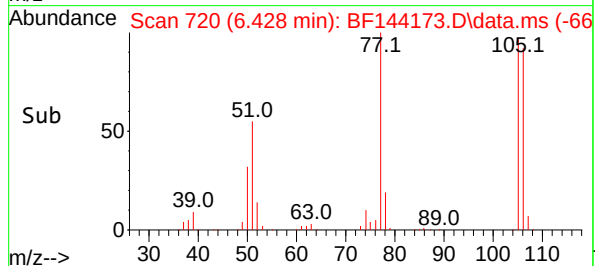
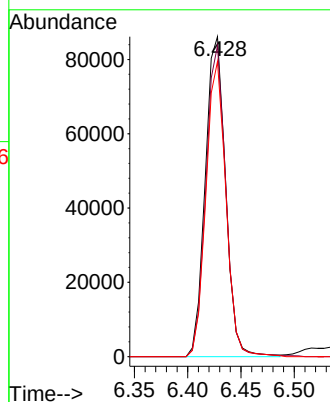
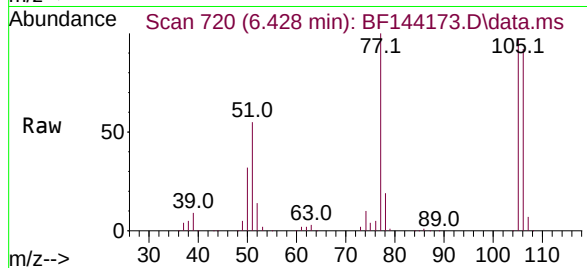
Tgt Ion: 77 Resp: 114062

Ion Ratio Lower Upper

77 100

105 97.2 77.2 117.2

106 92.2 72.2 112.2



#10

Phenol

Concen: 41.997 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

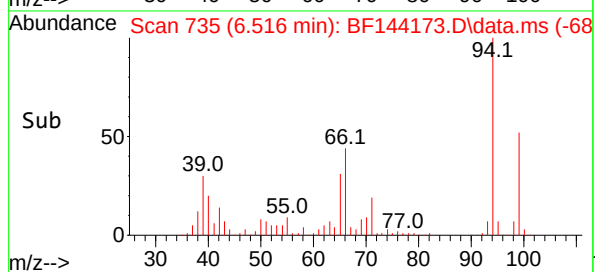
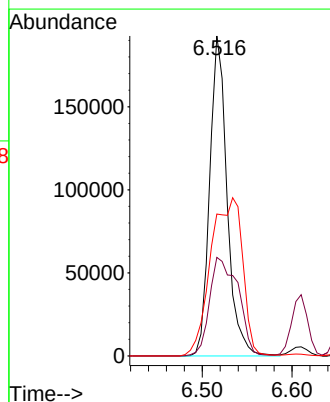
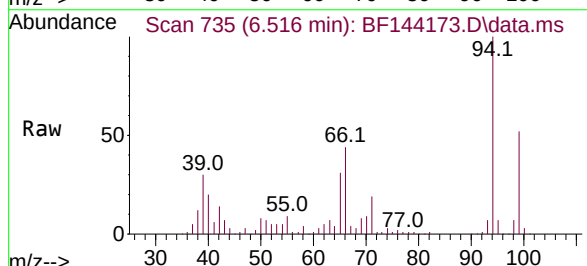
Tgt Ion: 94 Resp: 259703

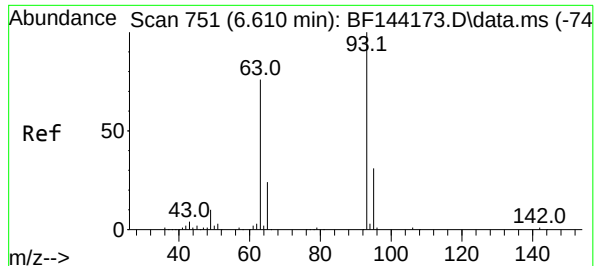
Ion Ratio Lower Upper

94 100

65 30.8 10.8 50.8

66 44.3 24.3 64.3

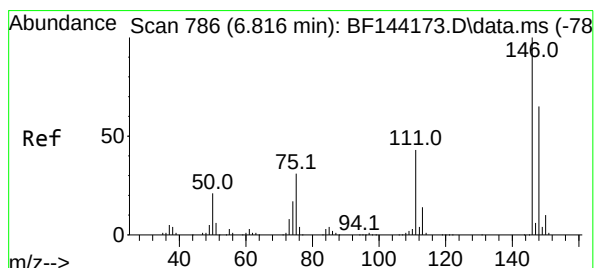
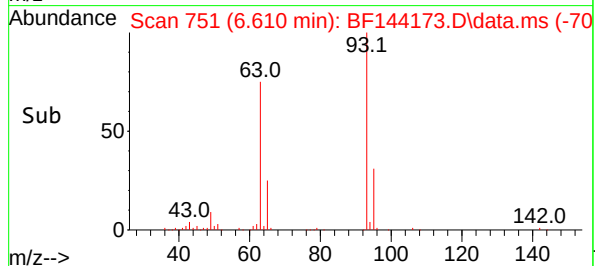
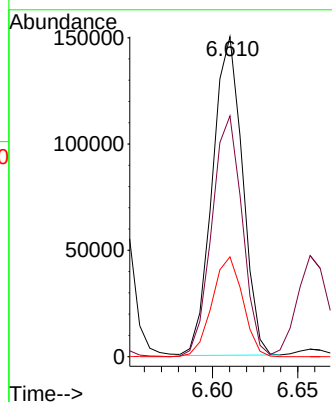
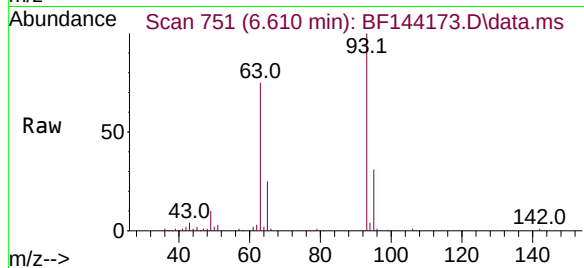




#11
bis(2-Chloroethyl)ether
Concen: 40.844 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

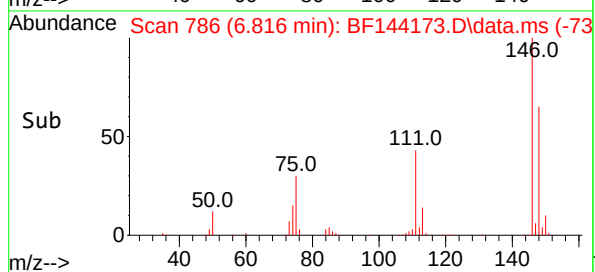
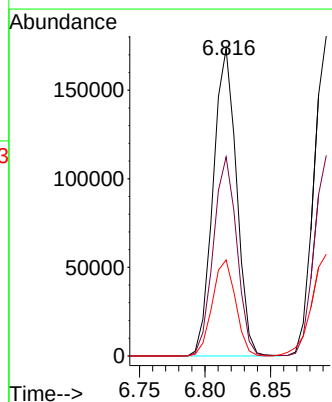
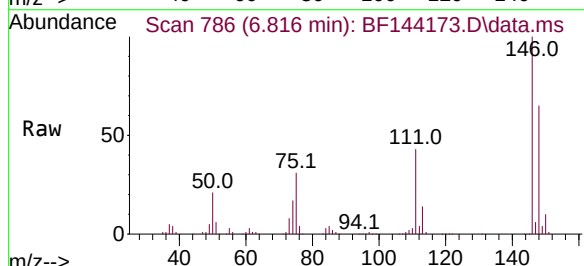
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

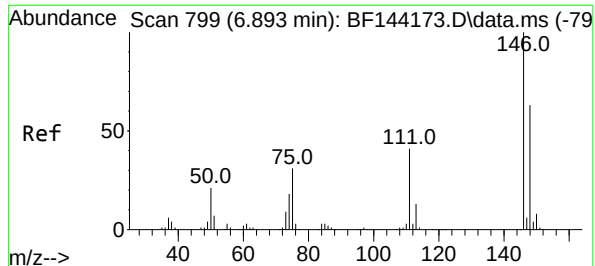
Tgt Ion: 93 Resp: 184041
Ion Ratio Lower Upper
93 100
63 75.2 55.2 95.2
95 31.2 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 39.861 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 146 Resp: 215469
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 31.2 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 41.084 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

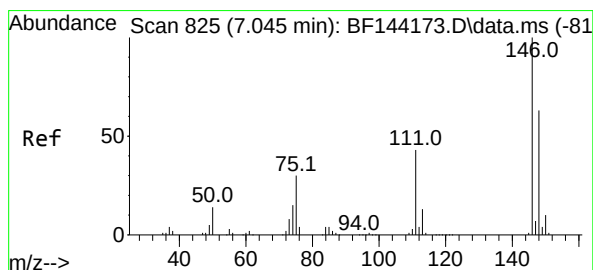
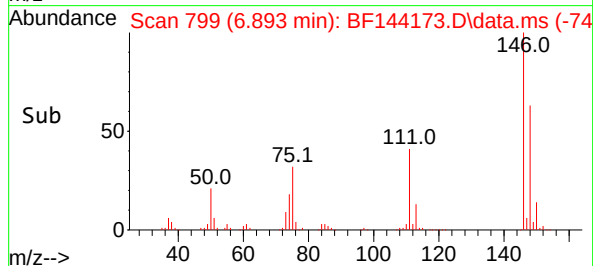
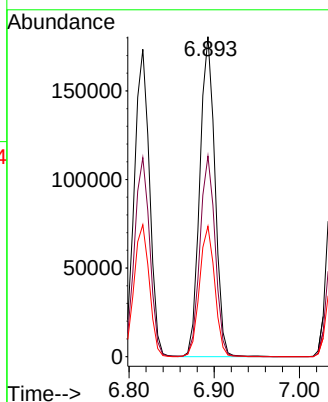
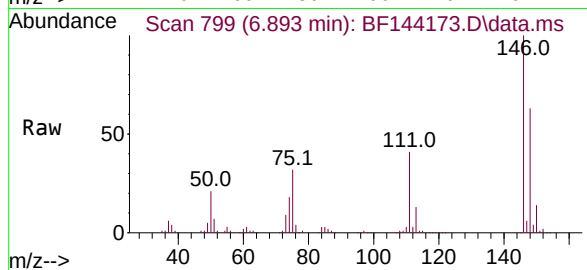
Tgt Ion:146 Resp: 222488

Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

111 40.7 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 40.001 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

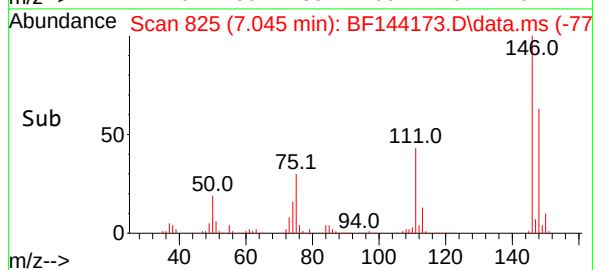
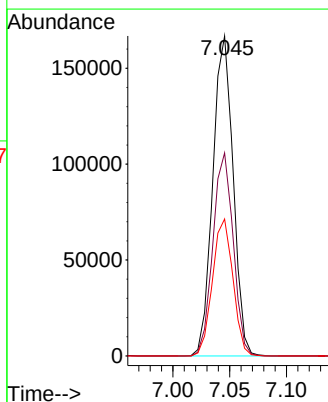
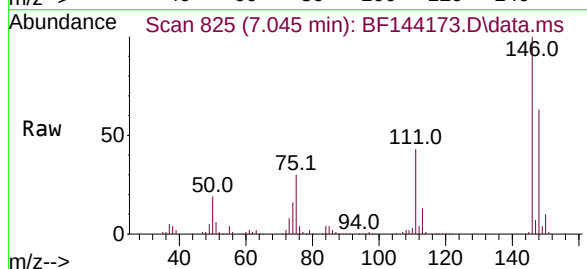
Tgt Ion:146 Resp: 207631

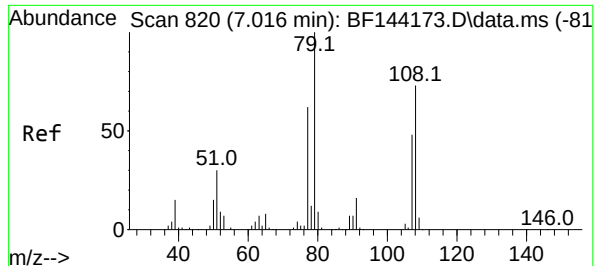
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

111 42.8 34.2 51.4

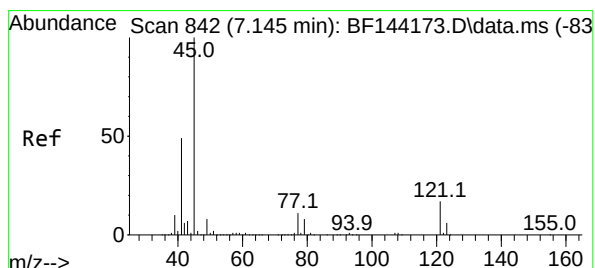
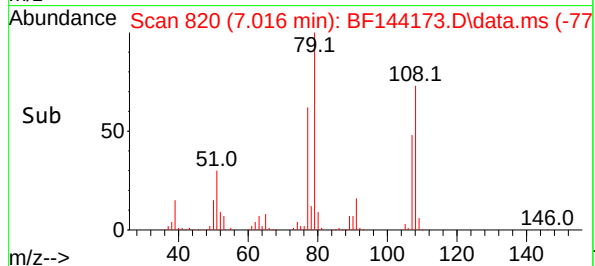
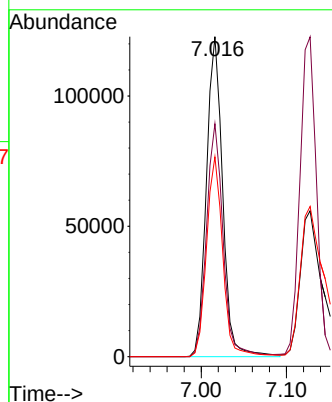
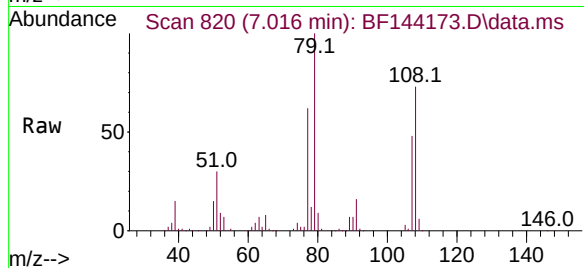




#15
Benzyl Alcohol
Concen: 40.501 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

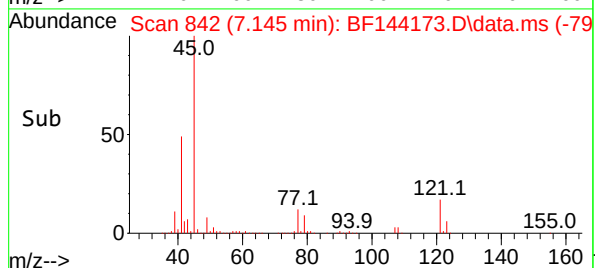
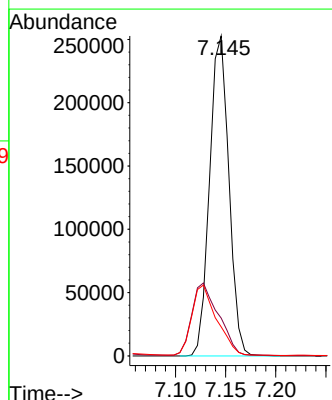
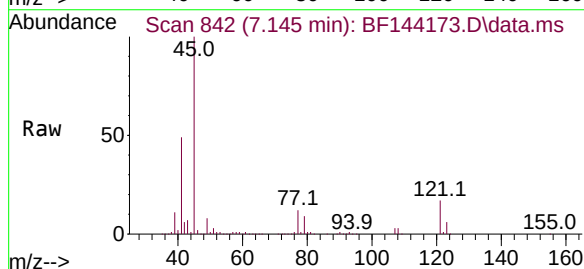
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

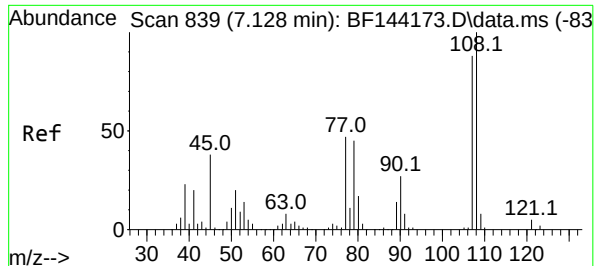
Tgt Ion: 79 Resp: 162316
Ion Ratio Lower Upper
79 100
108 72.8 58.2 87.4
77 62.4 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.743 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 45 Resp: 338078
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.8
79 9.1 0.0 29.1

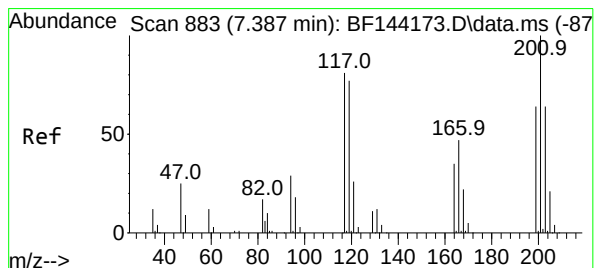
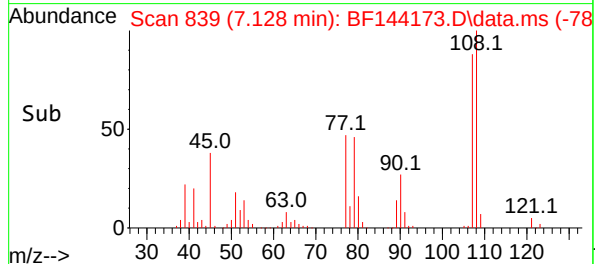
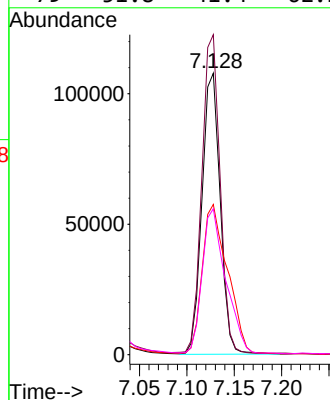
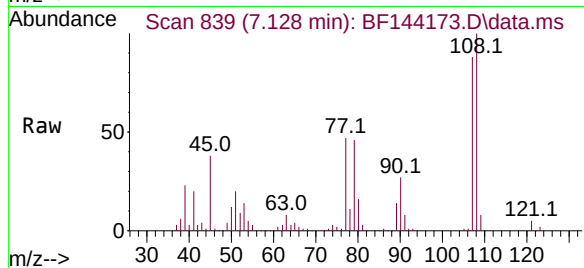




#17
2-Methylphenol
Concen: 41.431 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

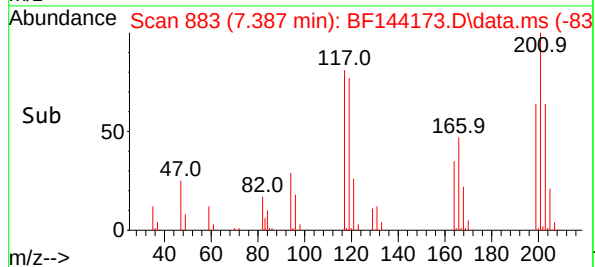
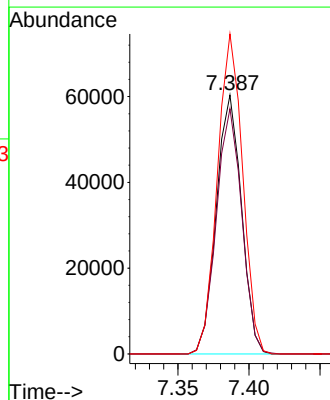
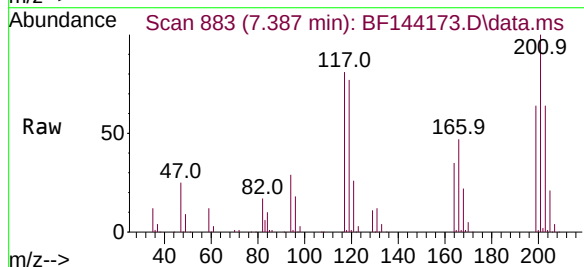
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

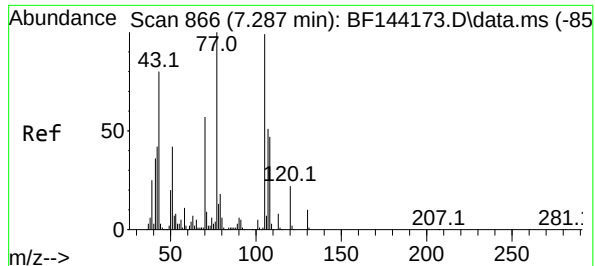
Tgt Ion:	107	Resp:	144386
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	53.4	42.7	64.1
79	51.8	41.4	62.2



#18
Hexachloroethane
Concen: 41.339 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:	117	Resp:	74377
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	123.6	98.9	148.3

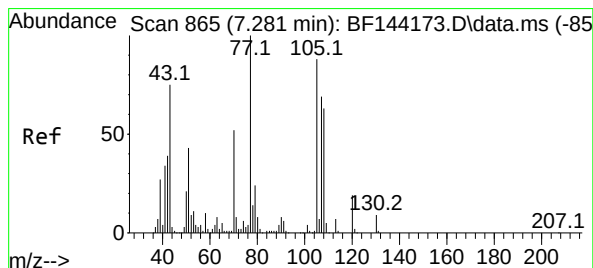
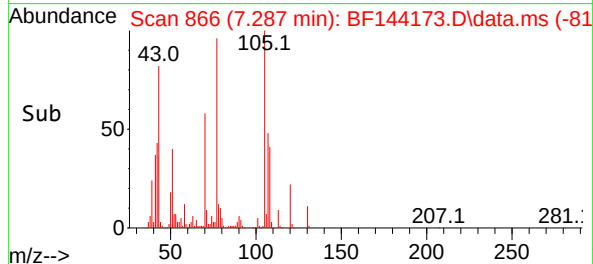
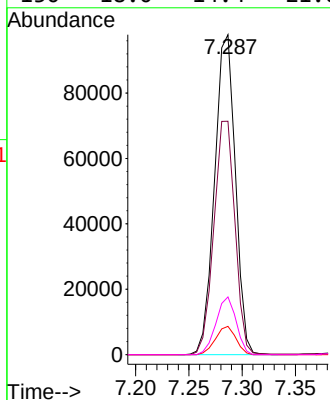
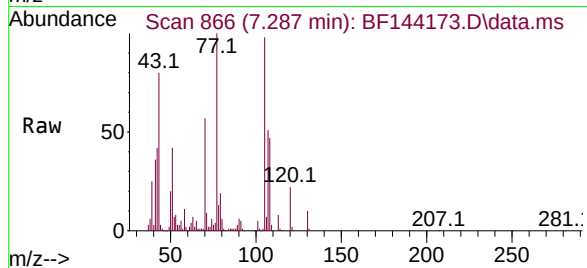




#19
n-Nitroso-di-n-propylamine
Concen: 39.848 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

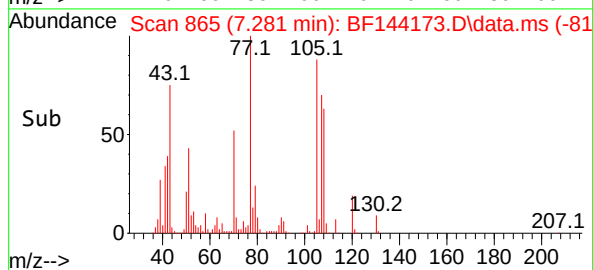
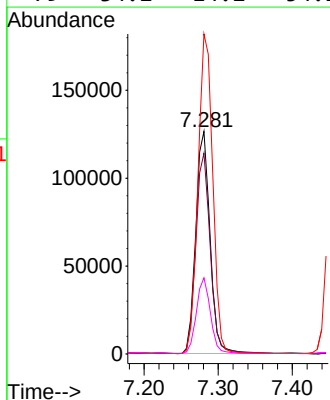
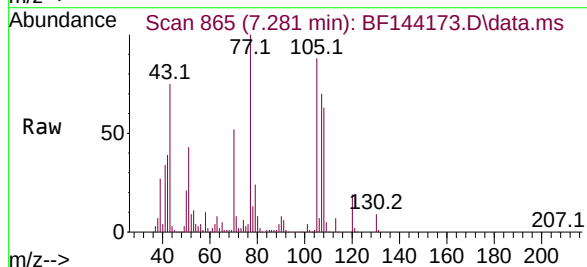
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

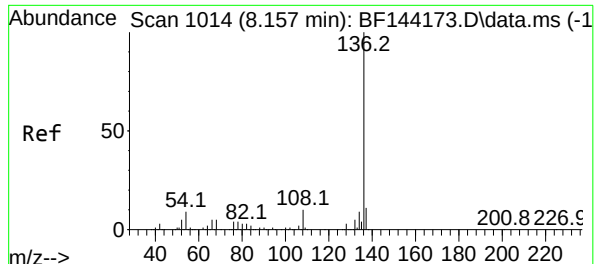
Tgt Ion: 70 Resp: 132769
Ion Ratio Lower Upper
70 100
42 72.9 58.3 87.5
101 8.8 7.0 10.6
130 18.0 14.4 21.6



#20
3+4-Methylphenols
Concen: 41.361 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 107 Resp: 169917
Ion Ratio Lower Upper
107 100
108 90.2 70.2 110.2
77 143.9 123.9 163.9
79 34.2 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 262306

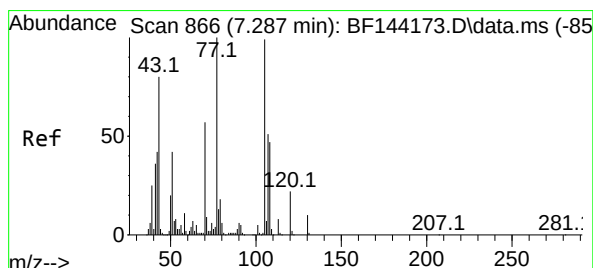
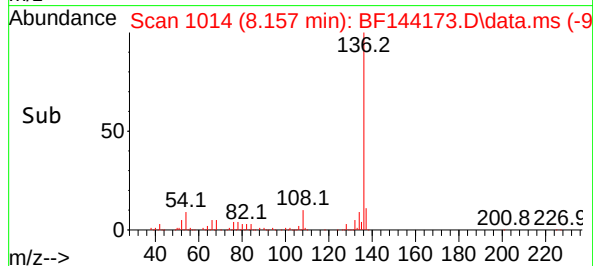
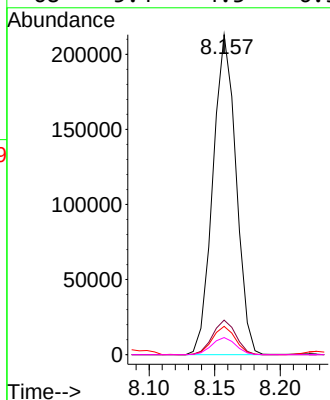
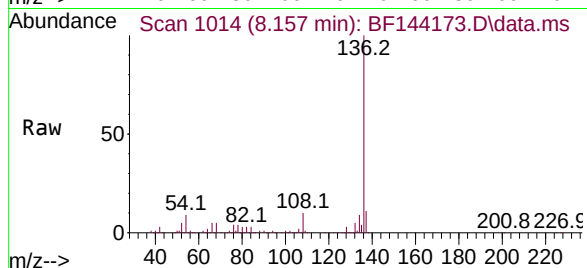
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.8 7.0 10.6

68 5.4 4.3 6.5



#22

Acetophenone

Concen: 40.452 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:105 Resp: 227627

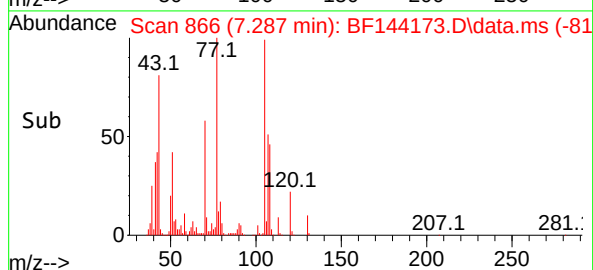
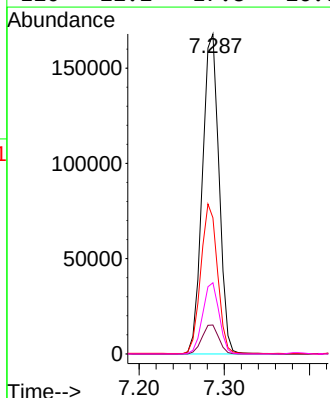
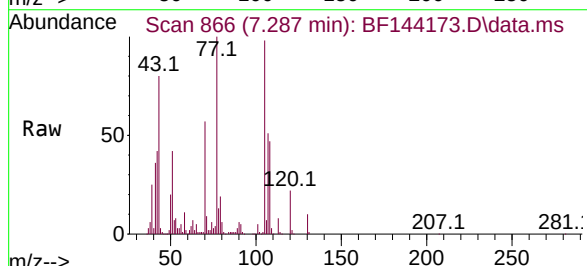
Ion Ratio Lower Upper

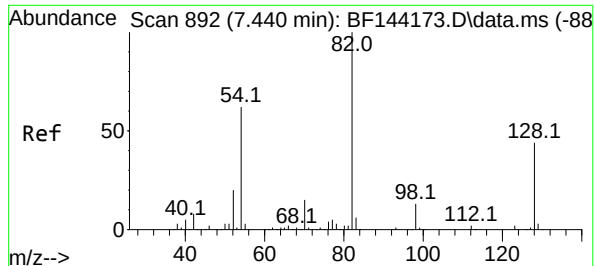
105 100

71 9.0 7.2 10.8

51 42.5 34.0 51.0

120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.160 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

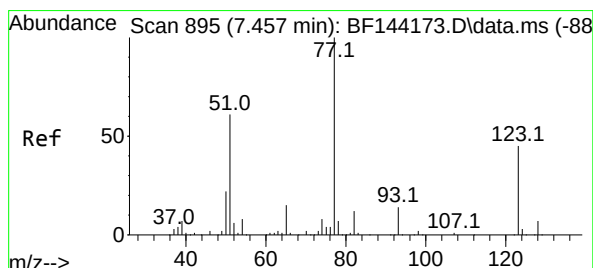
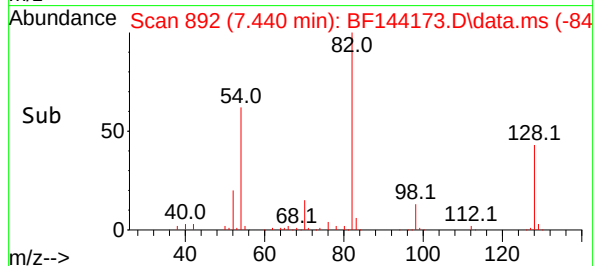
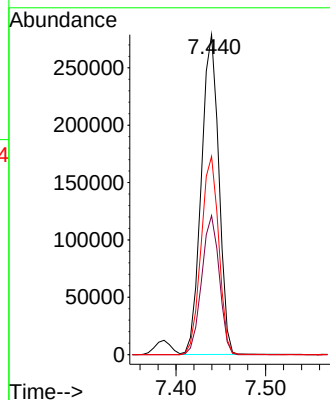
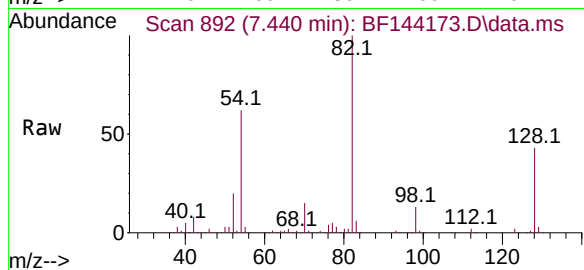
Tgt Ion: 82 Resp: 377687

Ion Ratio Lower Upper

82 100

128 43.4 34.7 52.1

54 61.9 49.5 74.3



#24

Nitrobenzene

Concen: 41.272 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

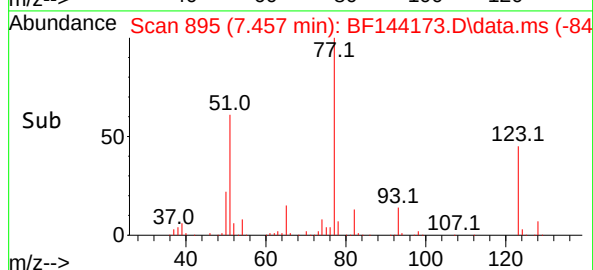
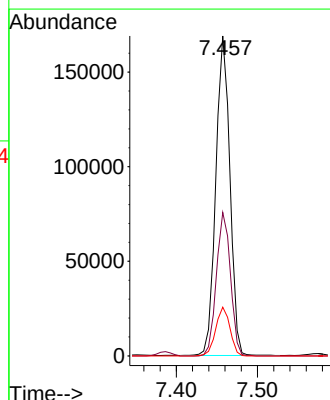
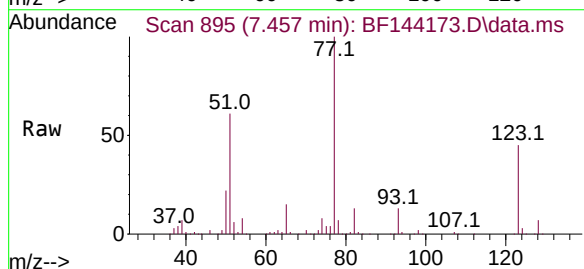
Tgt Ion: 77 Resp: 203520

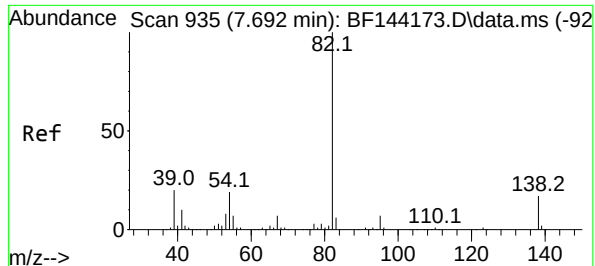
Ion Ratio Lower Upper

77 100

123 44.8 35.8 53.8

65 15.2 12.2 18.2





#25

Isophorone

Concen: 41.082 ng

RT: 7.692 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

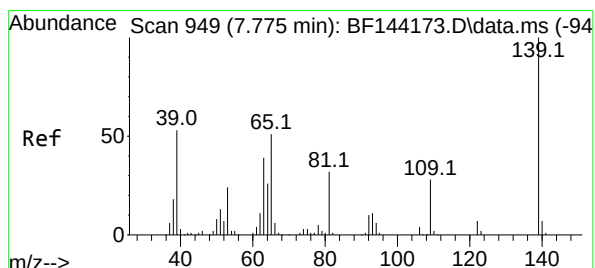
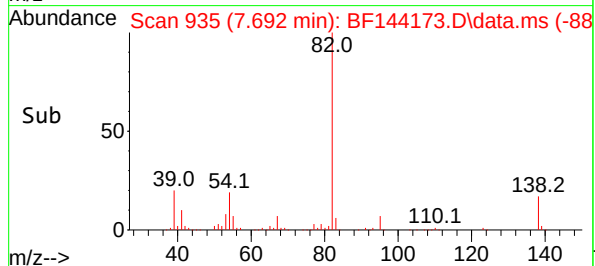
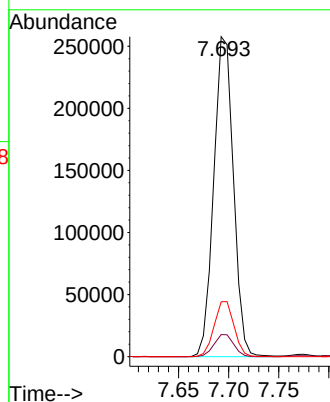
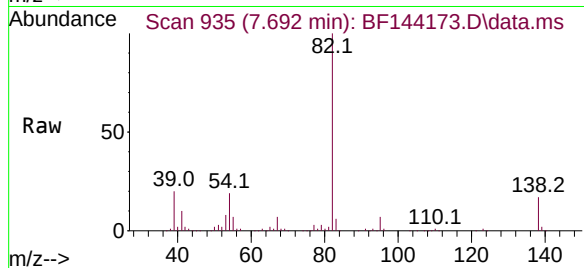
Tgt Ion: 82 Resp: 352919

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 17.1 13.7 20.5



#26

2-Nitrophenol

Concen: 42.269 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

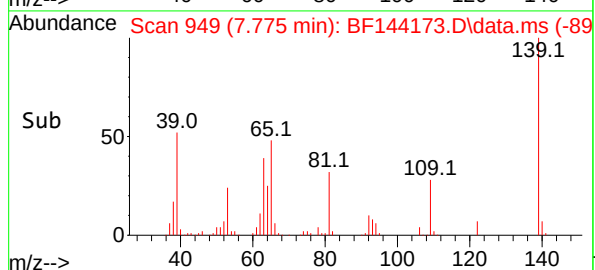
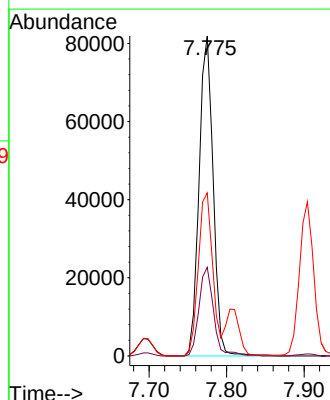
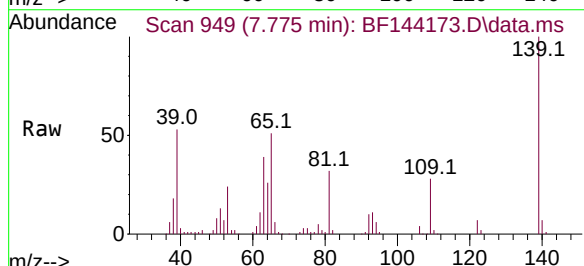
Tgt Ion:139 Resp: 103181

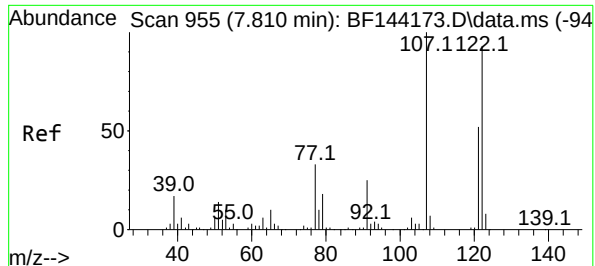
Ion Ratio Lower Upper

139 100

109 27.7 22.2 33.2

65 50.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 42.784 ng

RT: 7.810 min Scan# 955

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

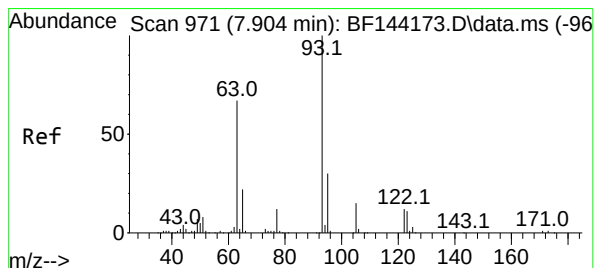
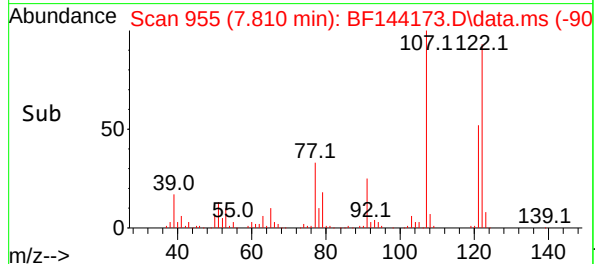
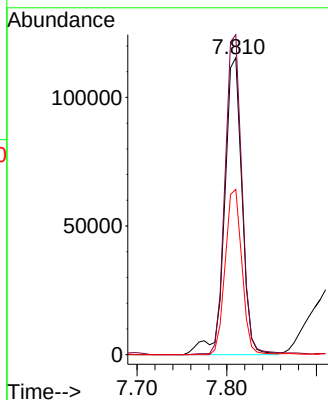
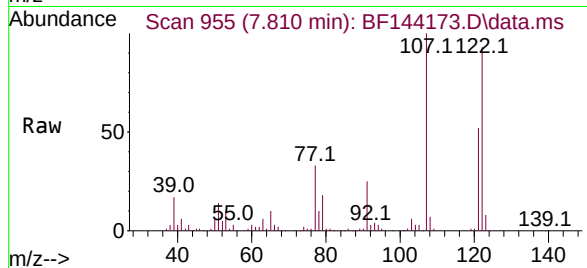
Tgt Ion:122 Resp: 156535

Ion Ratio Lower Upper

122 100

107 107.8 86.2 129.4

121 55.7 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.364 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

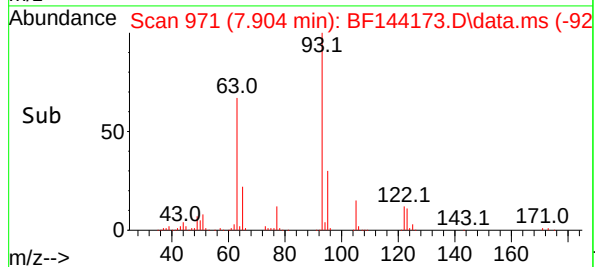
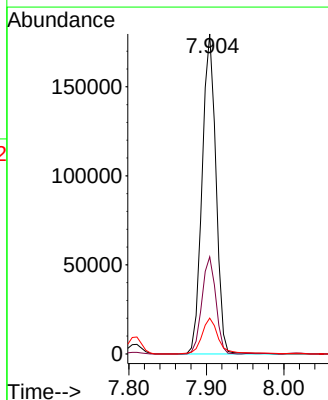
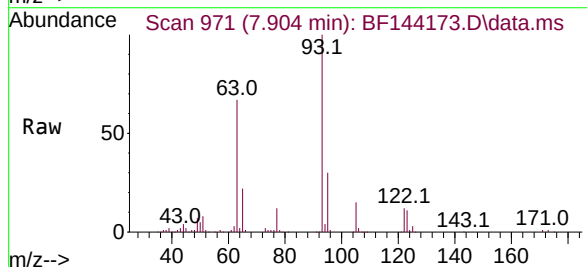
Tgt Ion: 93 Resp: 221900

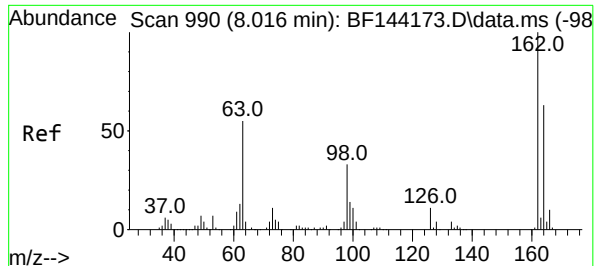
Ion Ratio Lower Upper

93 100

95 30.3 24.2 36.4

123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.210 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

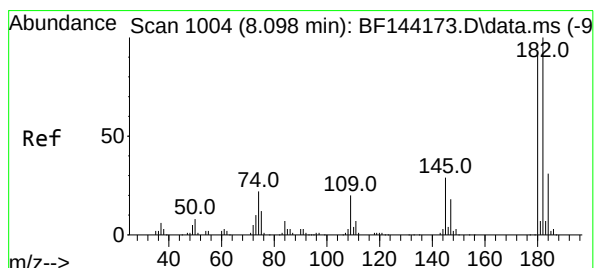
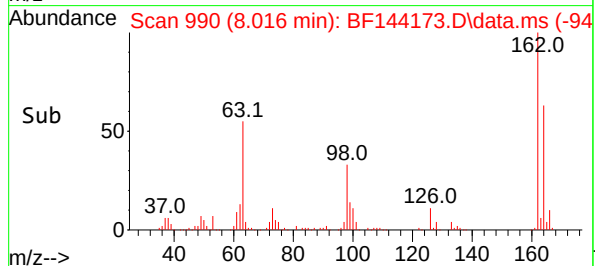
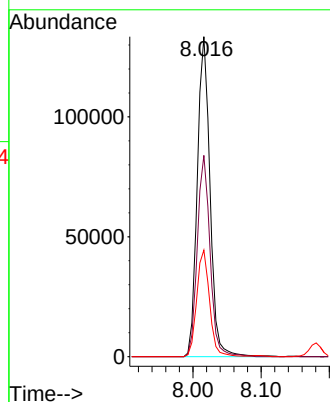
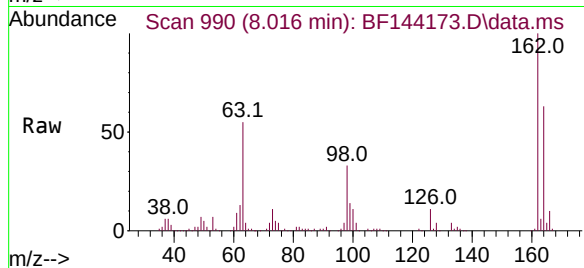
Tgt Ion:162 Resp: 173779

Ion Ratio Lower Upper

162 100

164 62.9 42.9 82.9

98 33.3 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 40.825 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

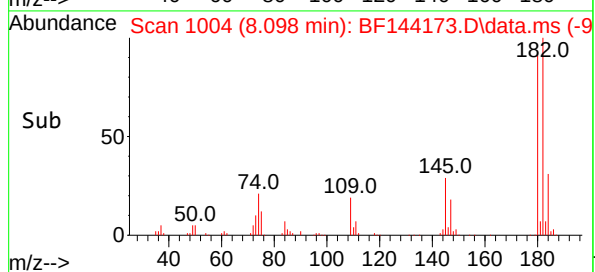
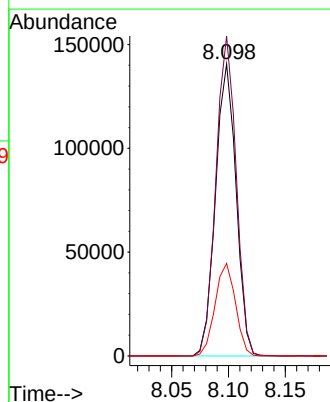
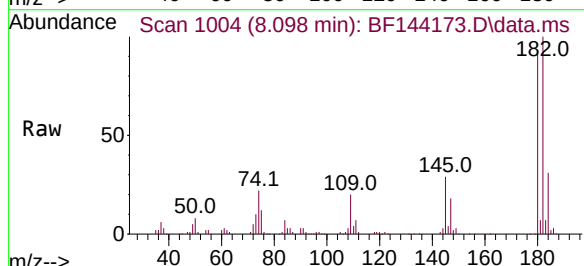
Tgt Ion:180 Resp: 176777

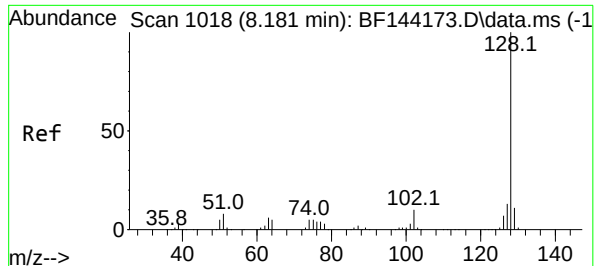
Ion Ratio Lower Upper

180 100

182 109.6 87.7 131.5

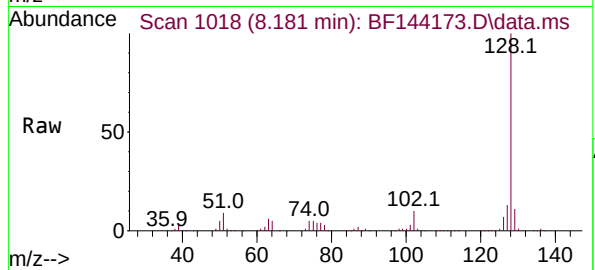
145 31.7 25.4 38.0



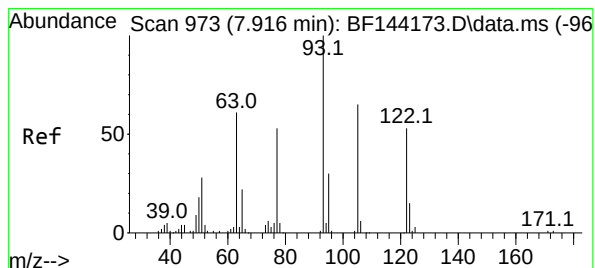
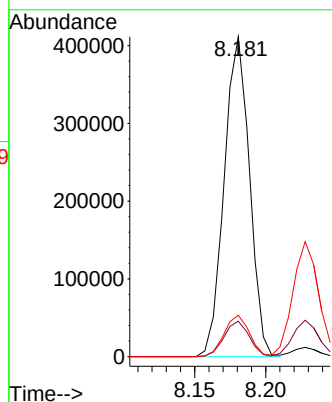
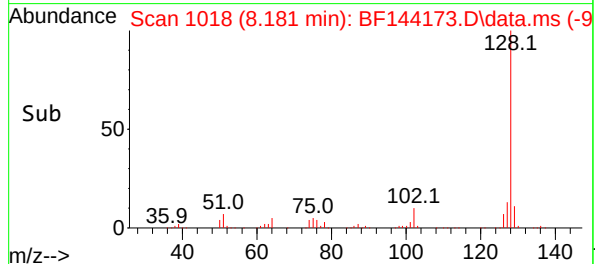


#31
Naphthalene
Concen: 40.755 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

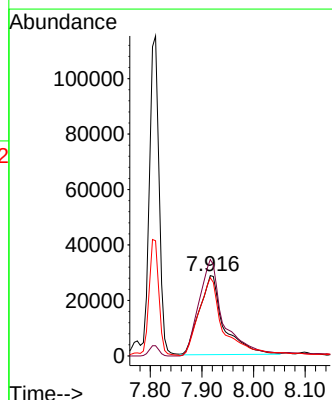
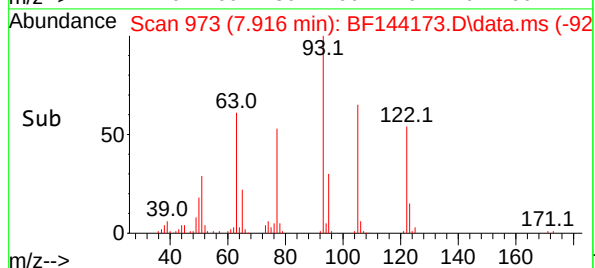
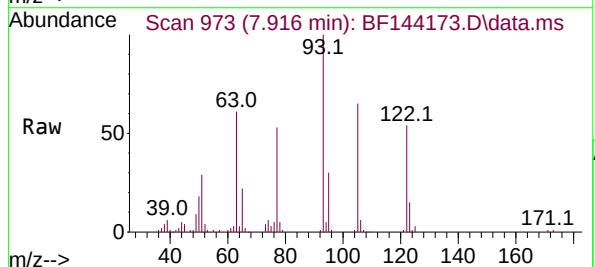


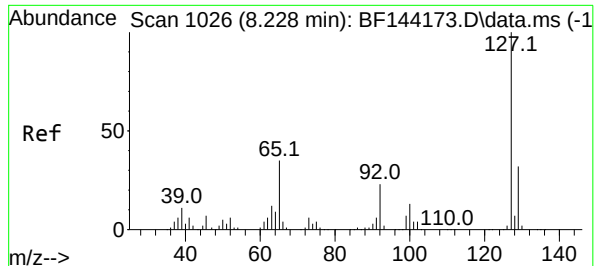
Tgt Ion:128 Resp: 508521
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 35.128 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:122 Resp: 94209
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 97.5 77.5 117.5





#33

4-Chloroaniline

Concen: 41.763 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 190054

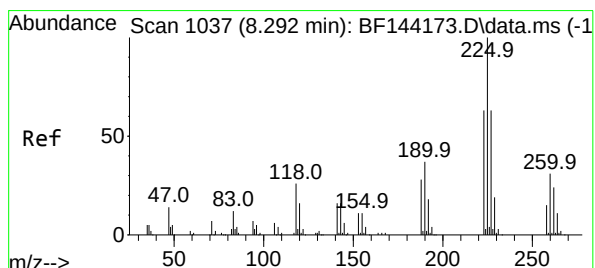
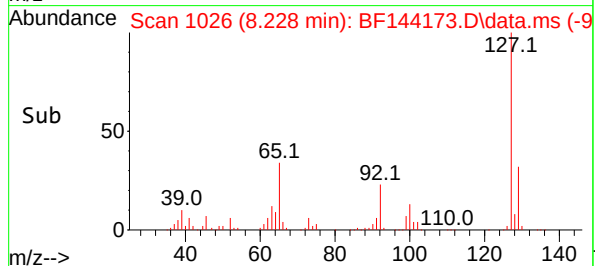
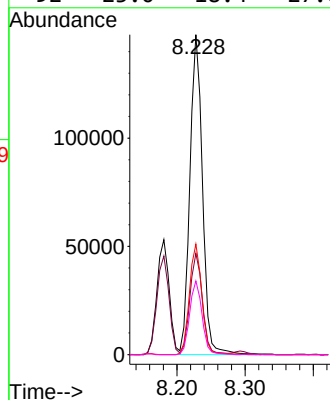
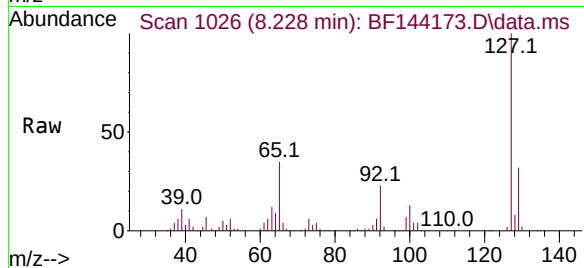
Ion Ratio Lower Upper

127 100

129 31.6 25.3 37.9

65 34.5 27.6 41.4

92 23.0 18.4 27.6



#34

Hexachlorobutadiene

Concen: 41.671 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

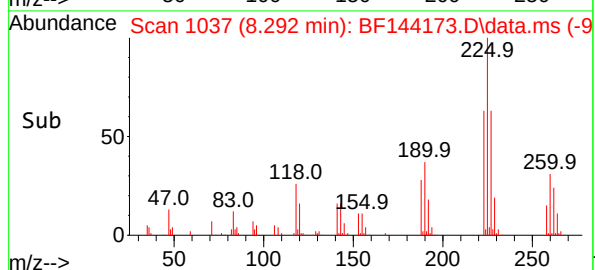
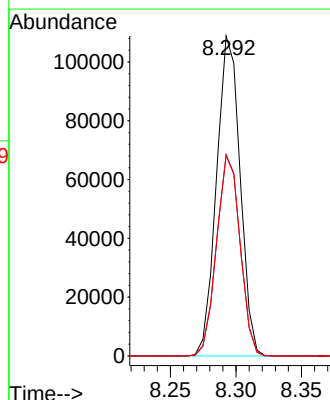
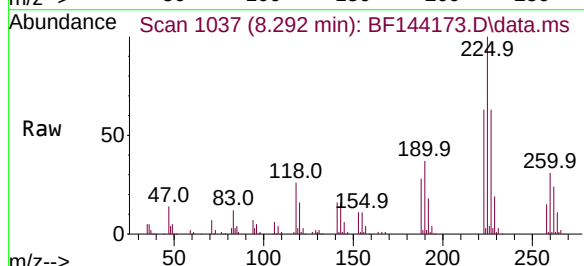
Tgt Ion:225 Resp: 135990

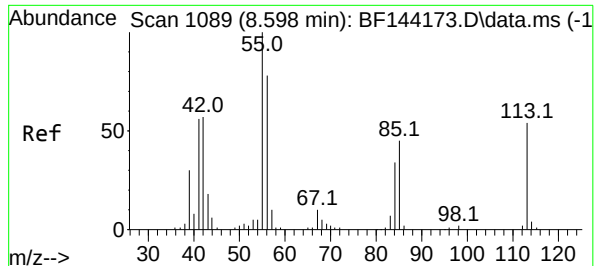
Ion Ratio Lower Upper

225 100

223 62.8 50.2 75.4

227 62.6 50.1 75.1

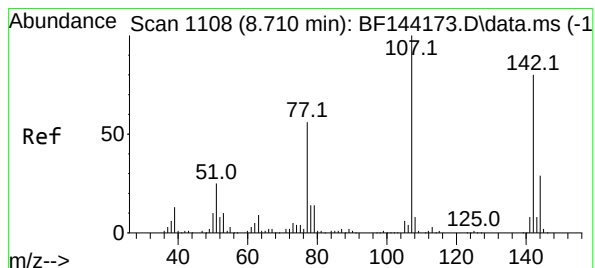
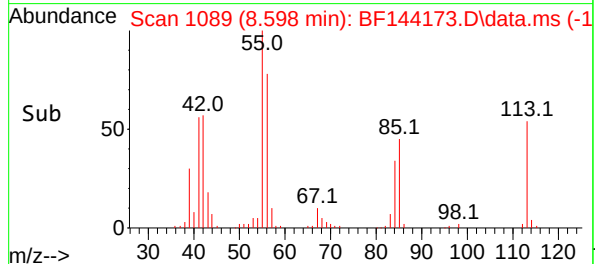
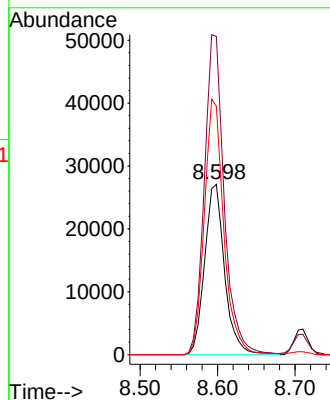
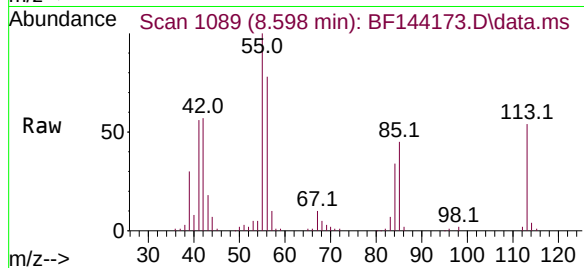




#35
Caprolactam
Concen: 41.945 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.023 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

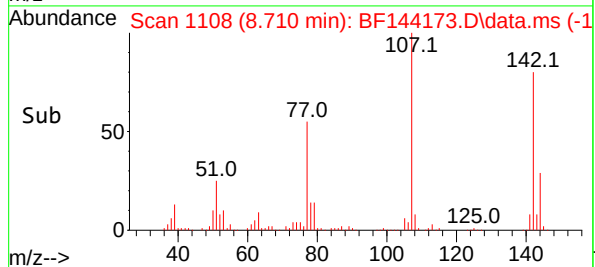
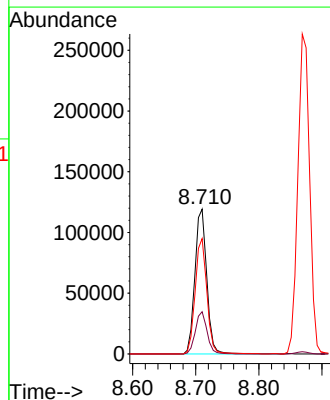
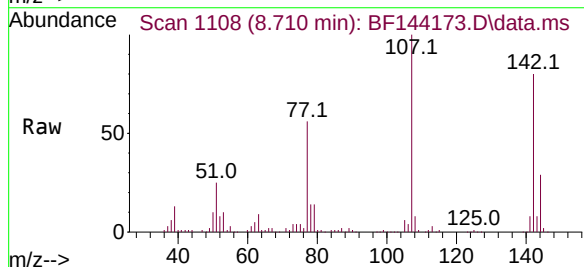
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

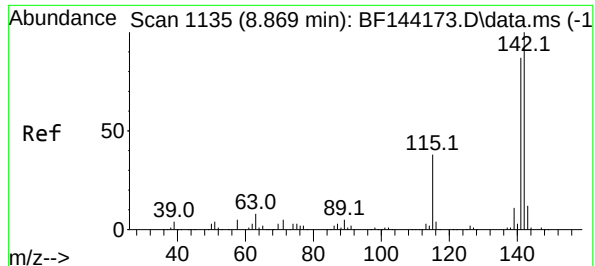
Tgt Ion	Ratio	Lower	Upper
113	100		
55	186.8	166.8	206.8
56	145.9	125.9	165.9



#36
4-Chloro-3-methylphenol
Concen: 41.237 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.1	23.3	34.9
142	79.7	63.8	95.6





#37

2-Methylnaphthalene

Concen: 40.712 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

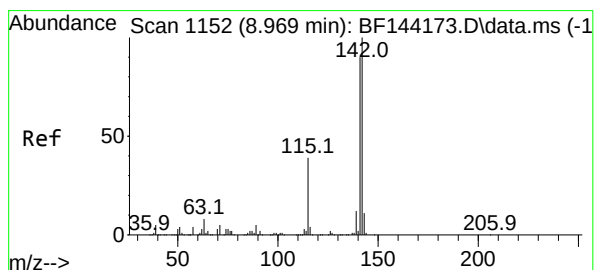
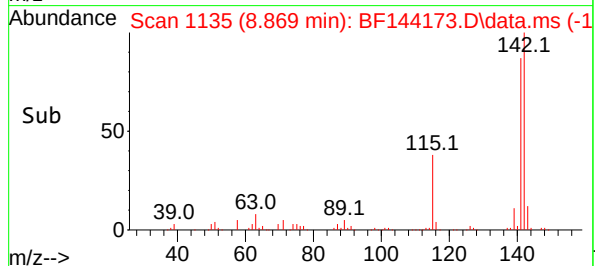
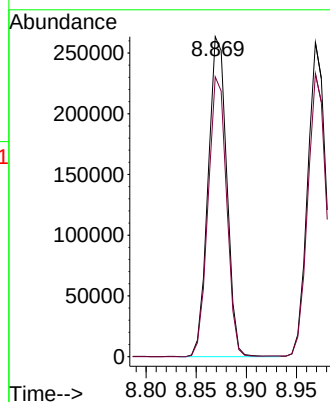
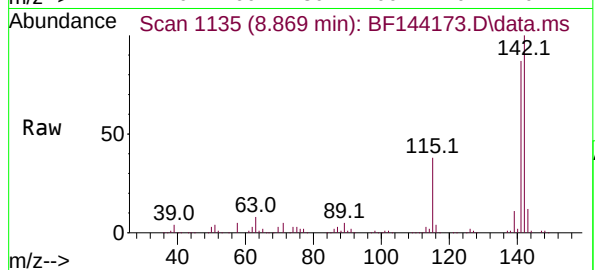
SSTDICCC040

Tgt Ion:142 Resp: 339639

Ion Ratio Lower Upper

142 100

141 87.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 40.435 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144173.D

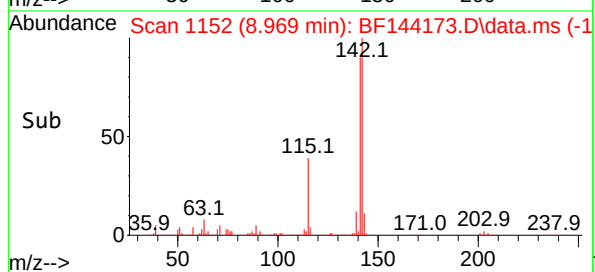
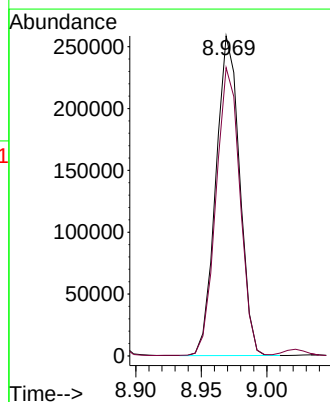
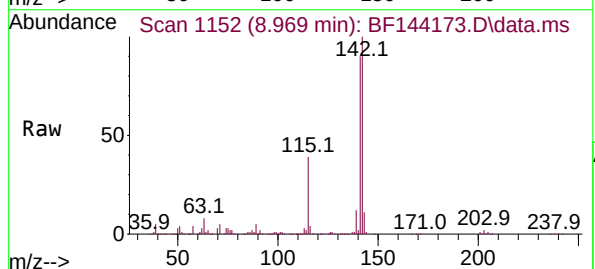
Acq: 05 Nov 2025 14:50

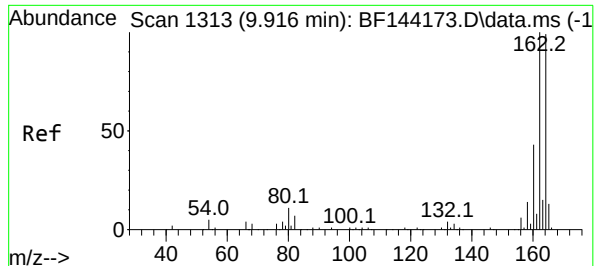
Tgt Ion:142 Resp: 325483

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

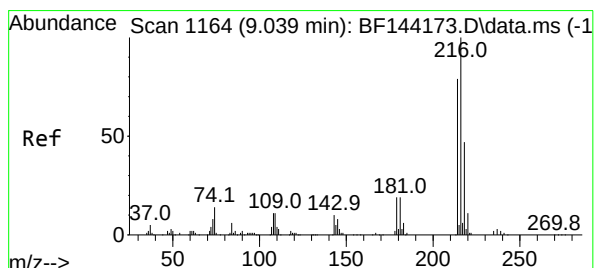
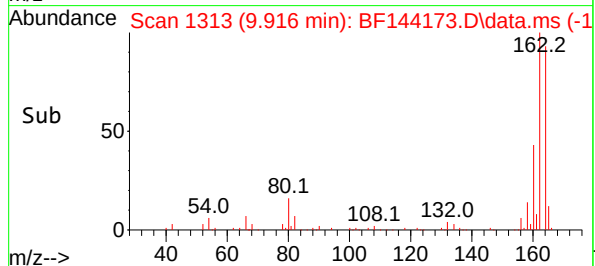
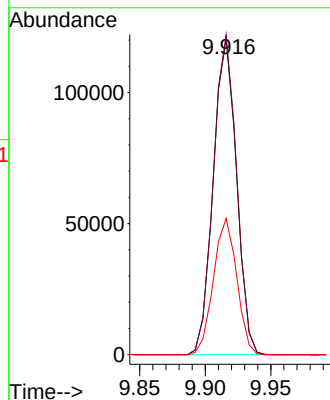
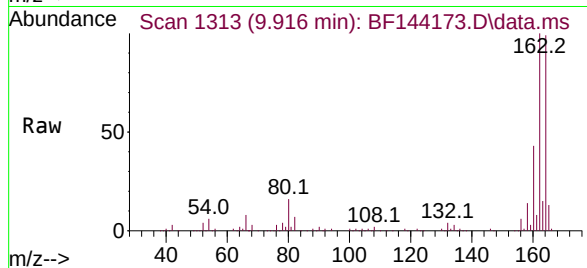
Tgt Ion:164 Resp: 148823

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 43.1 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.210 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:216 Resp: 200998

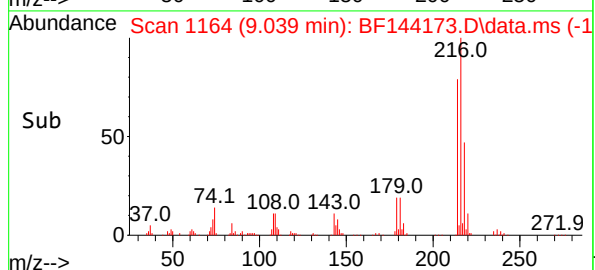
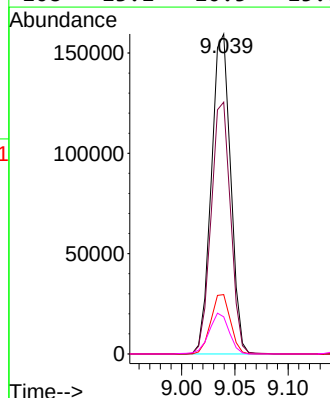
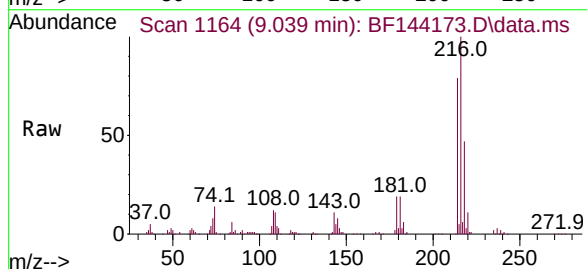
Ion Ratio Lower Upper

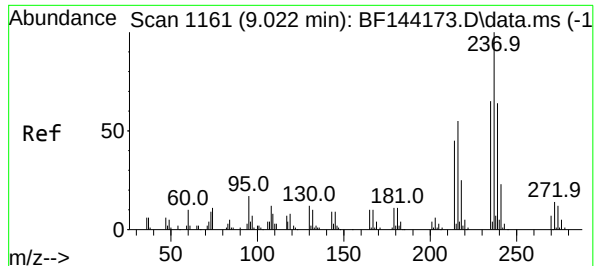
216 100

214 79.3 63.4 95.2

179 18.7 15.0 22.4

108 13.1 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 39.991 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

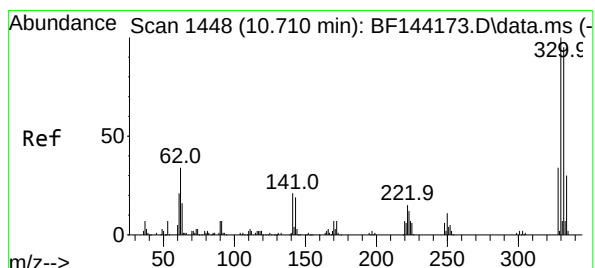
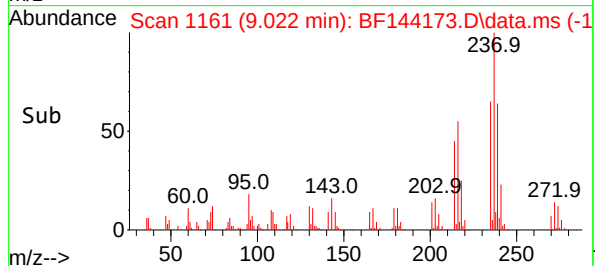
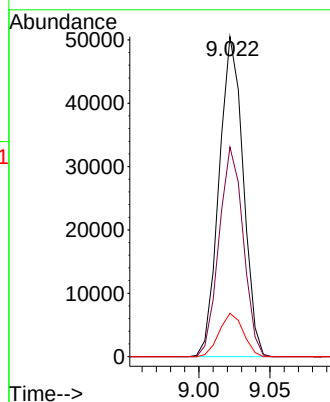
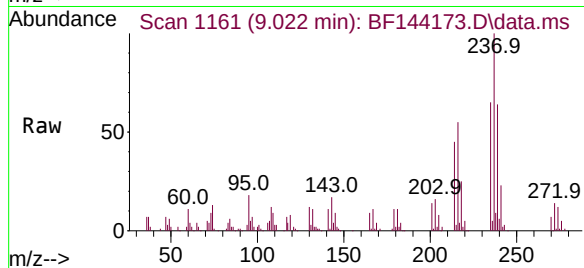
Tgt Ion:237 Resp: 59520

Ion Ratio Lower Upper

237 100

235 65.5 45.5 85.5

272 13.5 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 84.493 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

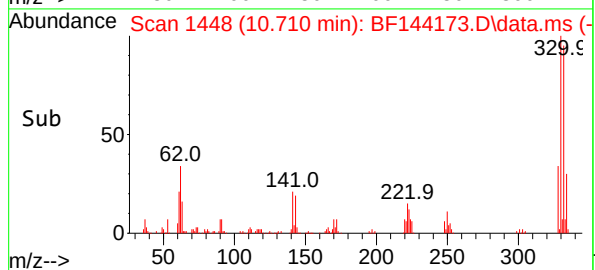
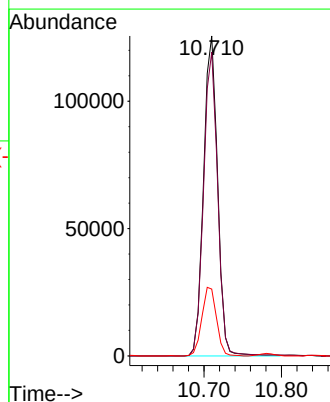
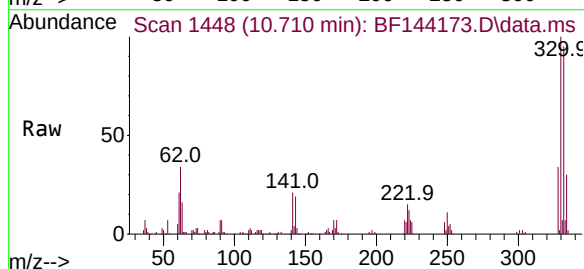
Tgt Ion:330 Resp: 157795

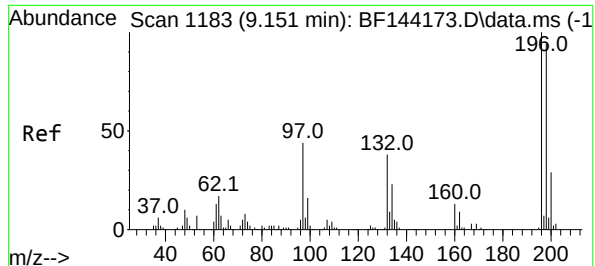
Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

141 22.3 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 40.875 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

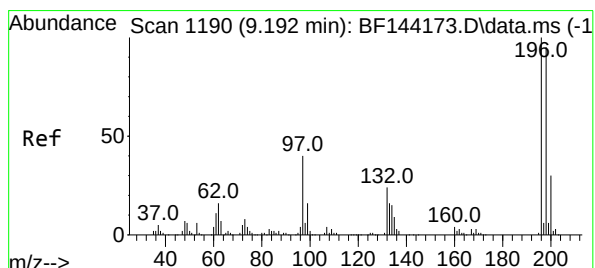
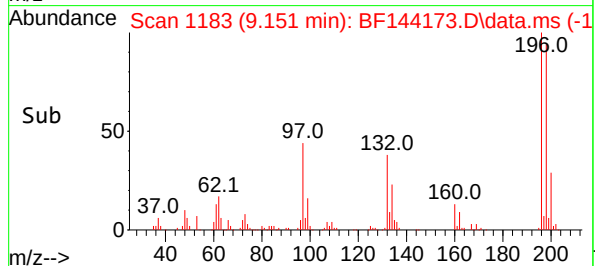
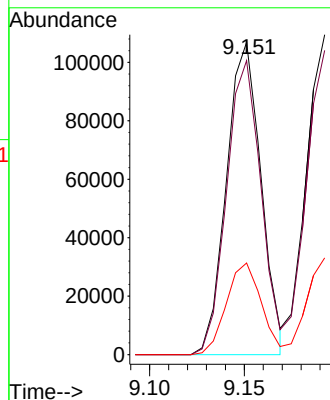
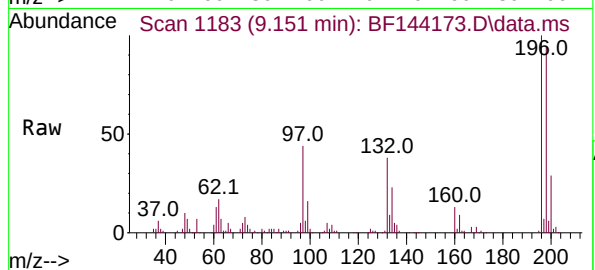
Tgt Ion:196 Resp: 135691

Ion Ratio Lower Upper

196 100

198 94.1 75.3 112.9

200 29.3 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 40.641 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:196 Resp: 145405

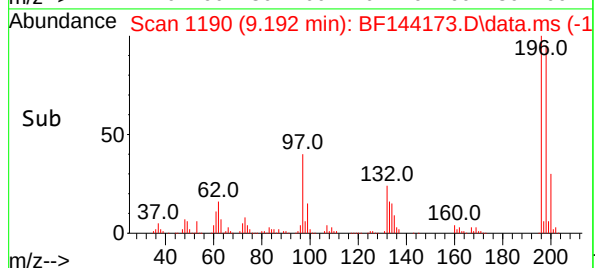
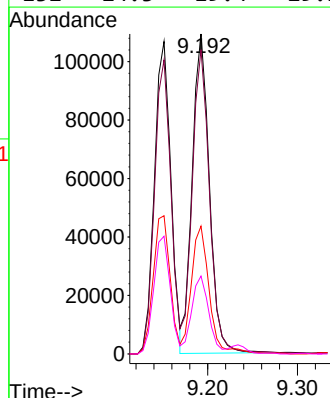
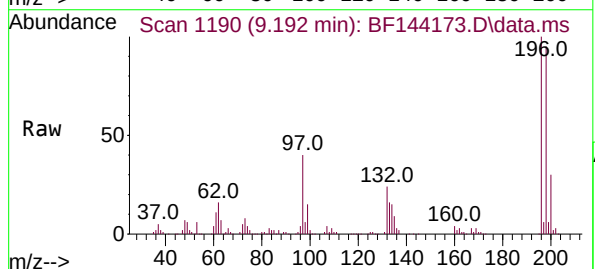
Ion Ratio Lower Upper

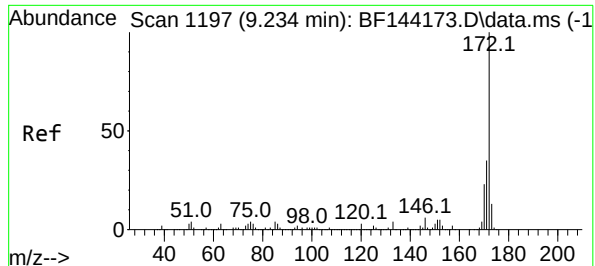
196 100

198 95.1 76.1 114.1

97 39.9 31.9 47.9

132 24.3 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 79.737 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

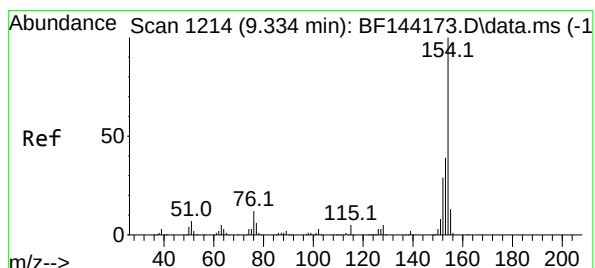
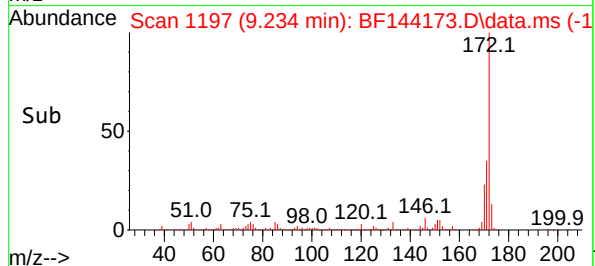
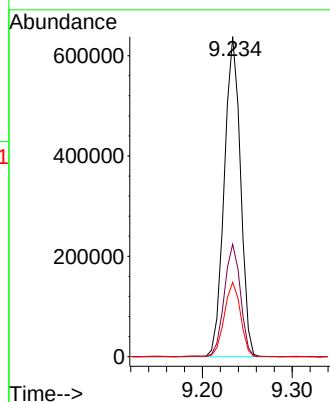
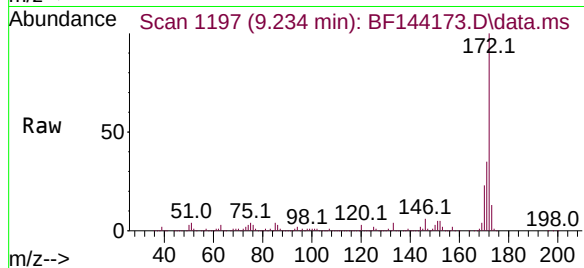
Tgt Ion:172 Resp: 803464

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 40.345 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

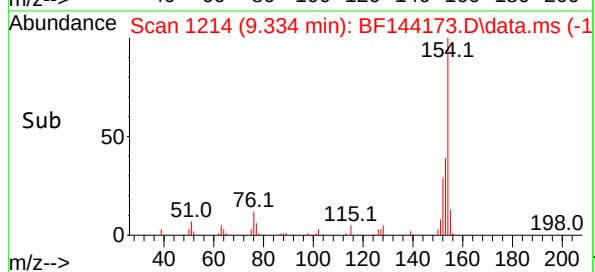
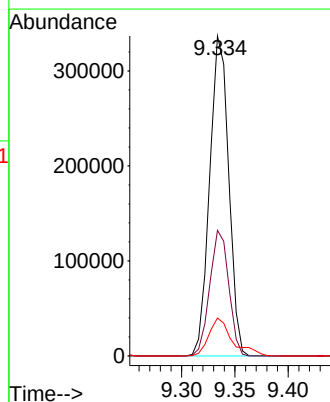
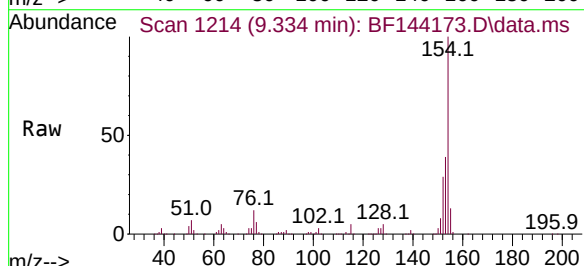
Tgt Ion:154 Resp: 419119

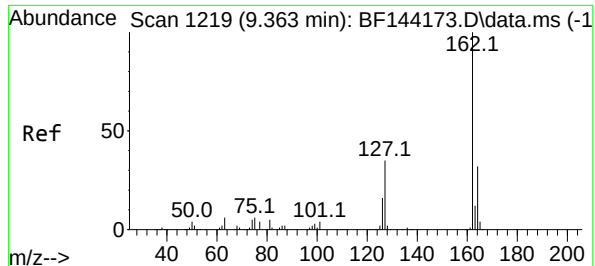
Ion Ratio Lower Upper

154 100

153 39.2 19.2 59.2

76 11.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.458 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

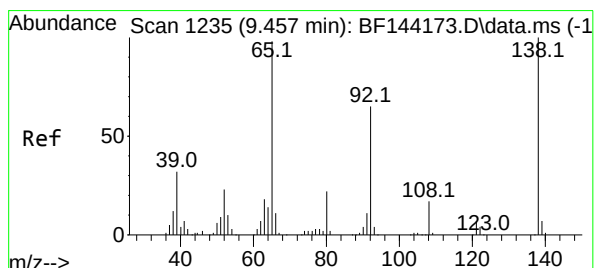
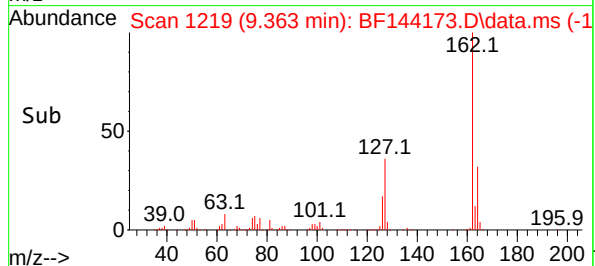
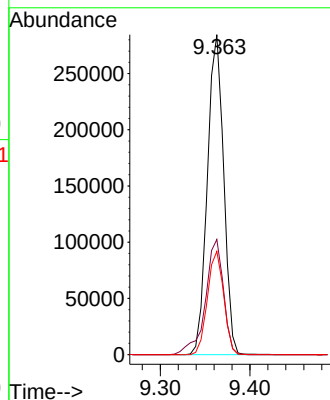
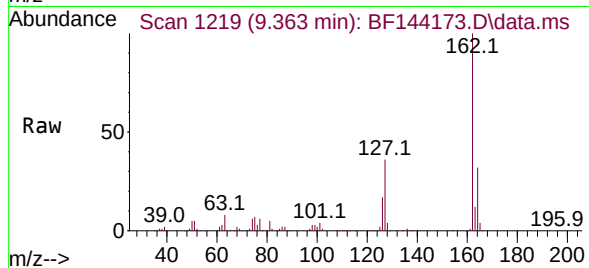
Tgt Ion:162 Resp: 358514

Ion Ratio Lower Upper

162 100

127 36.0 28.8 43.2

164 32.3 25.8 38.8



#48

2-Nitroaniline

Concen: 42.059 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

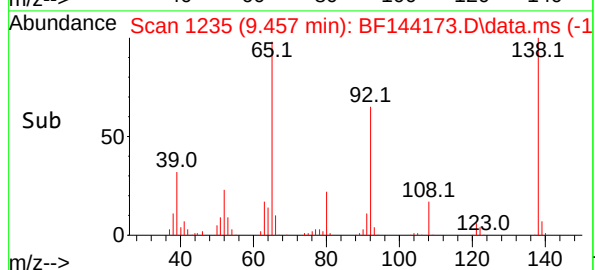
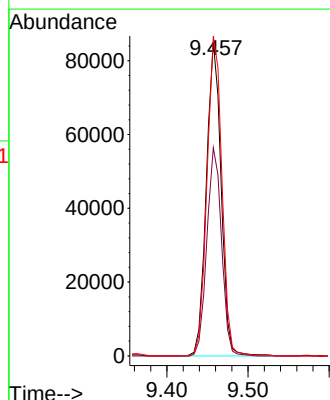
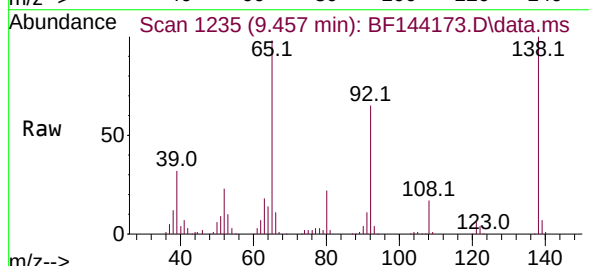
Tgt Ion: 65 Resp: 107536

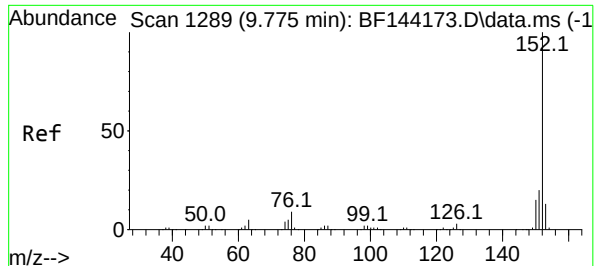
Ion Ratio Lower Upper

65 100

92 66.3 53.0 79.6

138 102.0 81.6 122.4





#49

Acenaphthylene

Concen: 40.553 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

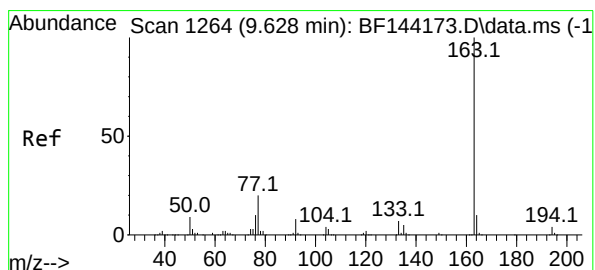
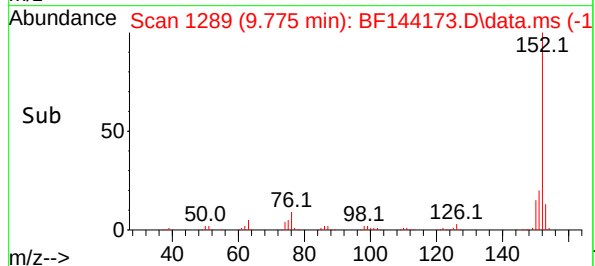
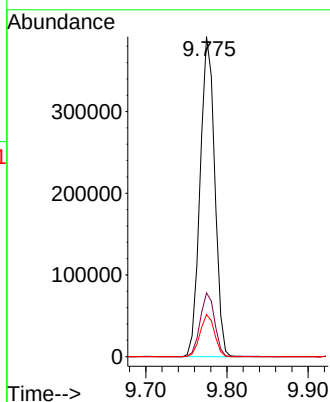
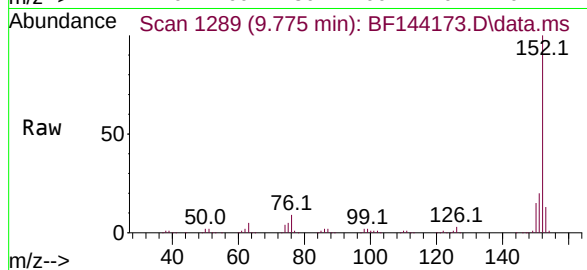
Tgt Ion:152 Resp: 489708

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 40.620 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

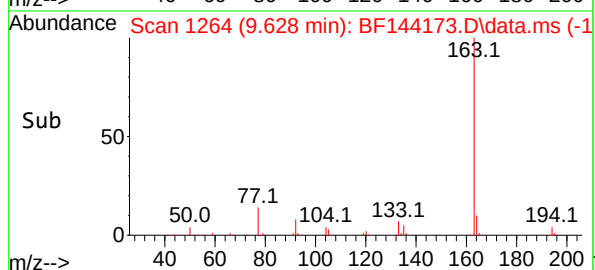
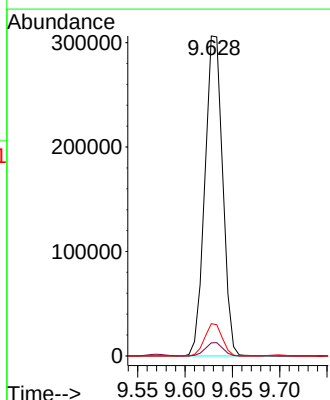
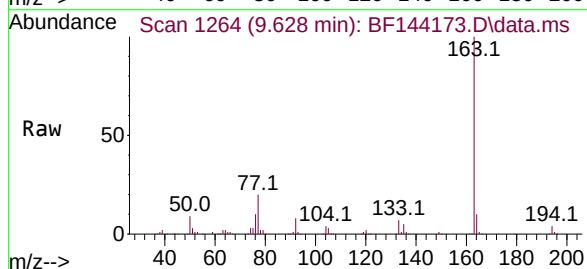
Tgt Ion:163 Resp: 400479

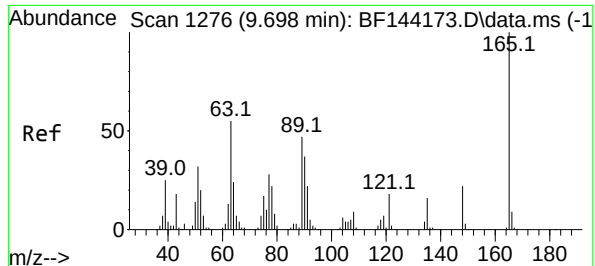
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 41.169 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

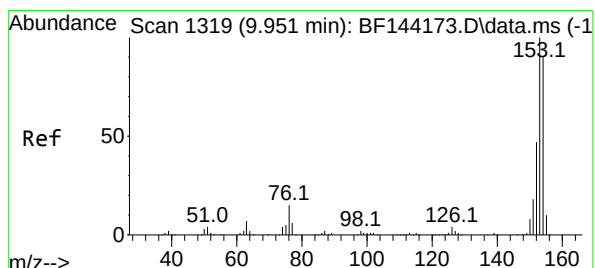
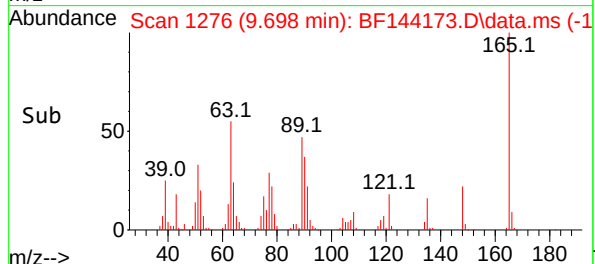
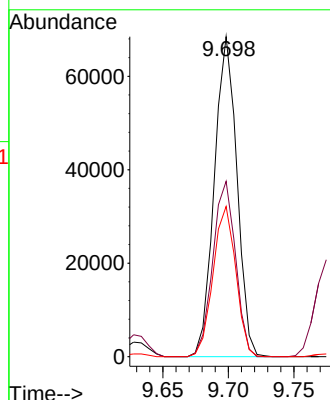
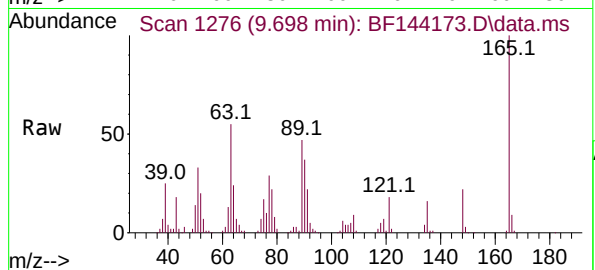
Tgt Ion:165 Resp: 82166

Ion Ratio Lower Upper

165 100

63 54.8 43.8 65.8

89 46.9 37.5 56.3



#52

Acenaphthene

Concen: 40.406 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

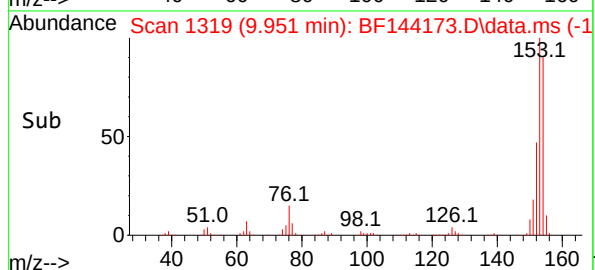
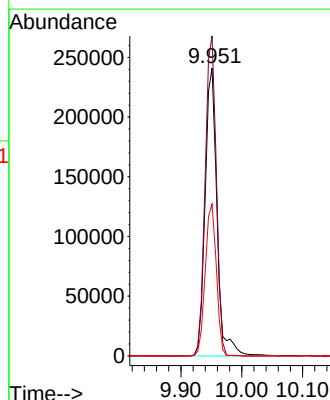
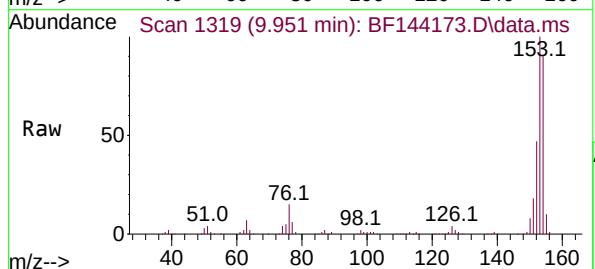
Tgt Ion:154 Resp: 326285

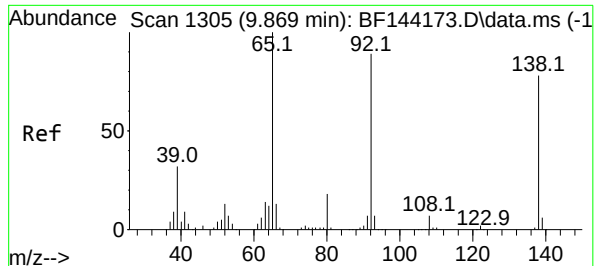
Ion Ratio Lower Upper

154 100

153 111.2 89.0 133.4

152 52.8 42.2 63.4





#53

3-Nitroaniline

Concen: 42.918 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

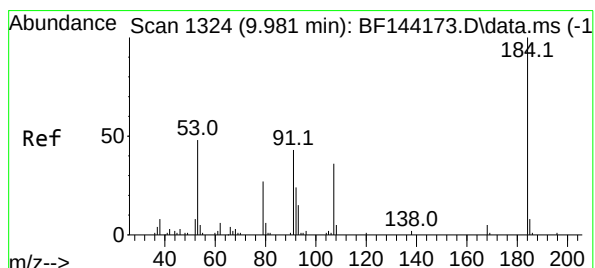
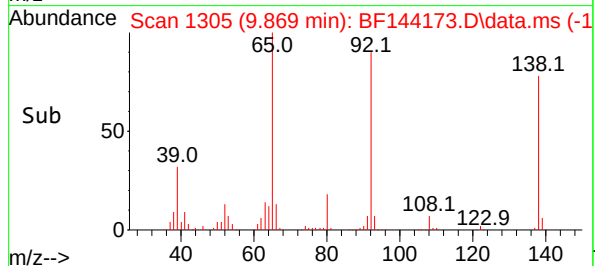
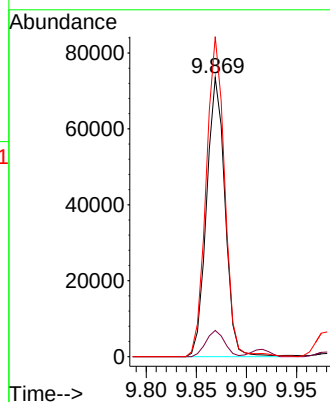
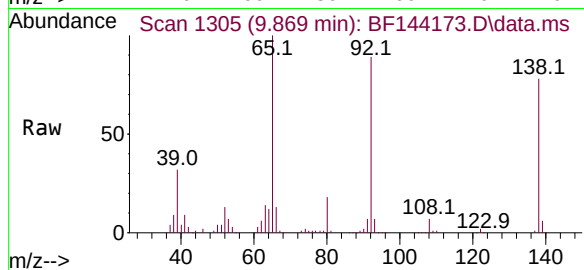
Tgt Ion:138 Resp: 93636

Ion Ratio Lower Upper

138 100

108 9.4 7.5 11.3

92 114.7 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 34.614 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

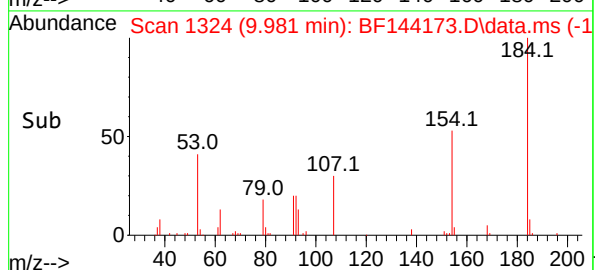
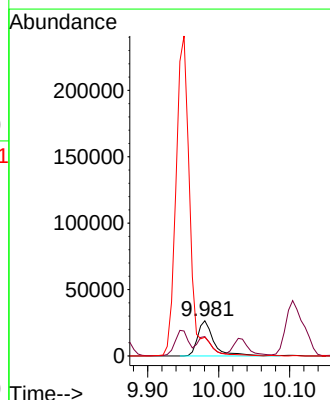
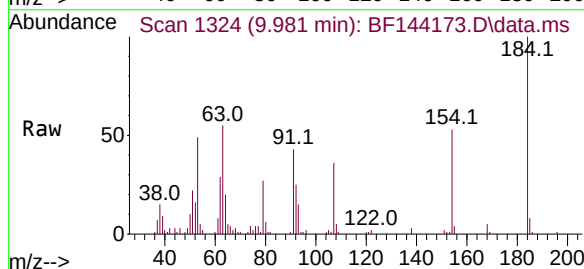
Tgt Ion:184 Resp: 41716

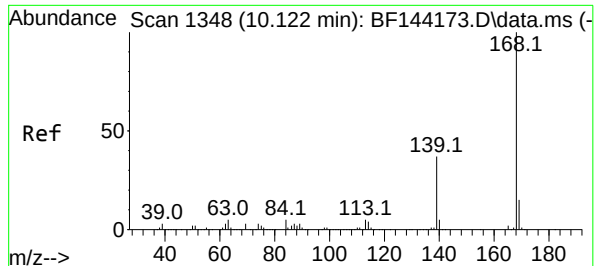
Ion Ratio Lower Upper

184 100

63 55.0 44.0 66.0

154 53.0 42.4 63.6





#55

Dibenzofuran

Concen: 40.810 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

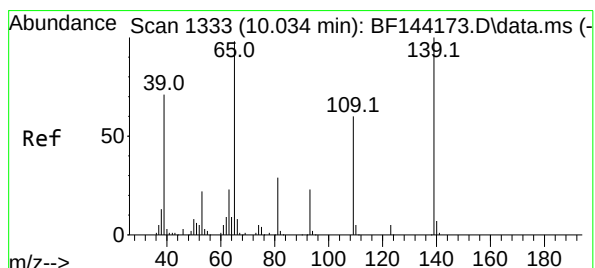
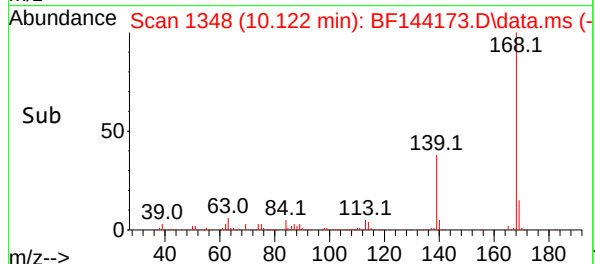
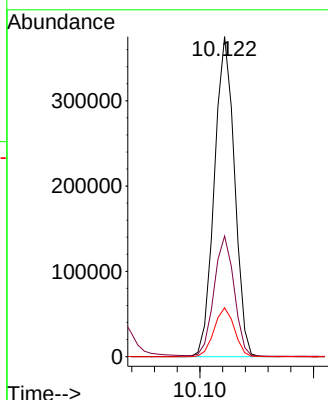
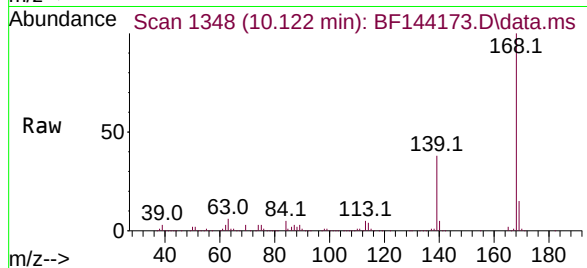
Tgt Ion:168 Resp: 461538

Ion Ratio Lower Upper

168 100

139 37.7 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 38.426 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

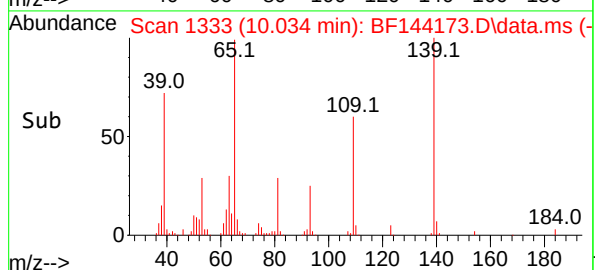
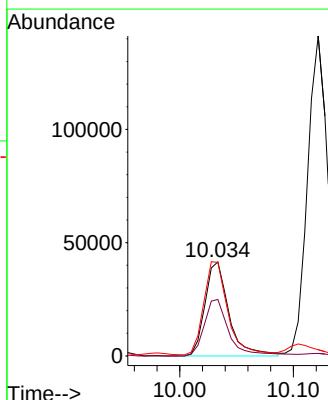
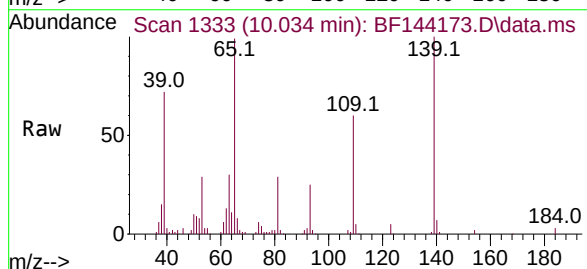
Tgt Ion:139 Resp: 60643

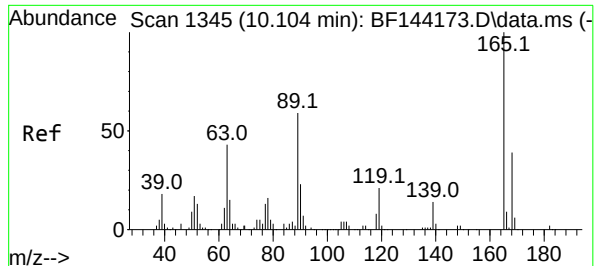
Ion Ratio Lower Upper

139 100

109 59.9 39.9 79.9

65 99.5 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 42.858 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 114508

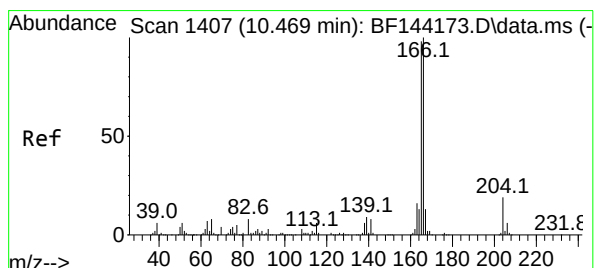
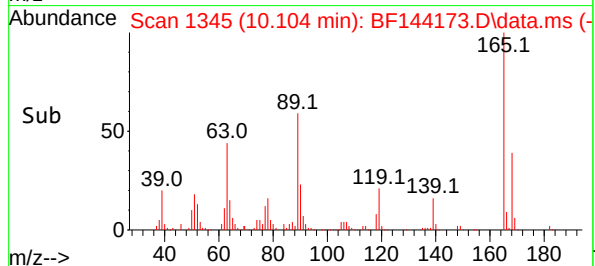
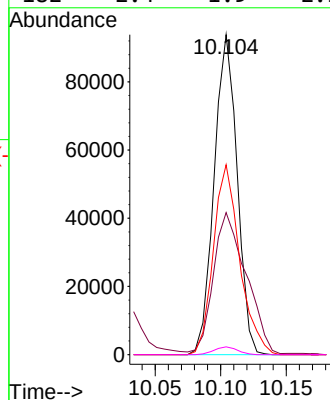
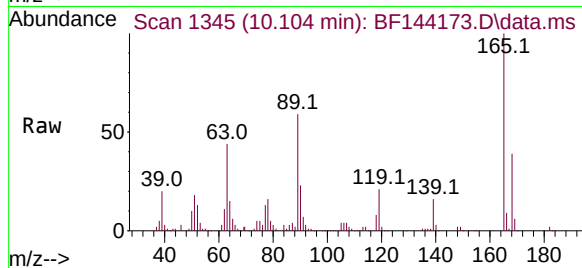
Ion Ratio Lower Upper

165 100

63 44.4 35.5 53.3

89 59.3 47.4 71.2

182 2.4 1.9 2.9



#58

Fluorene

Concen: 40.841 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

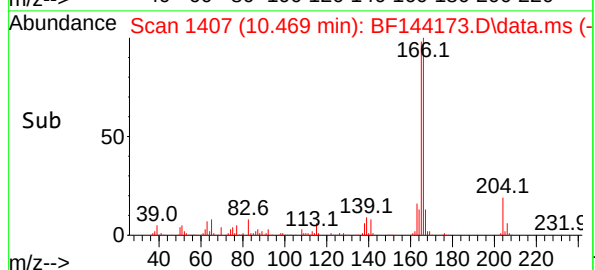
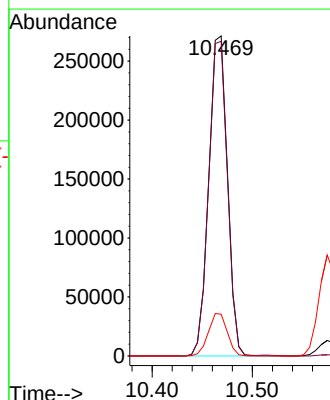
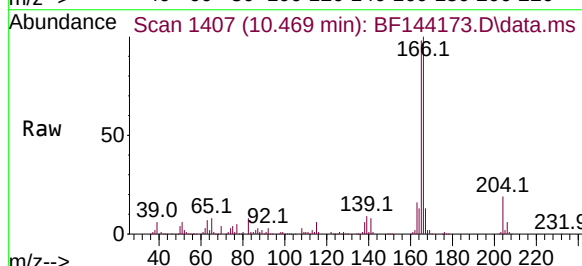
Tgt Ion:166 Resp: 351182

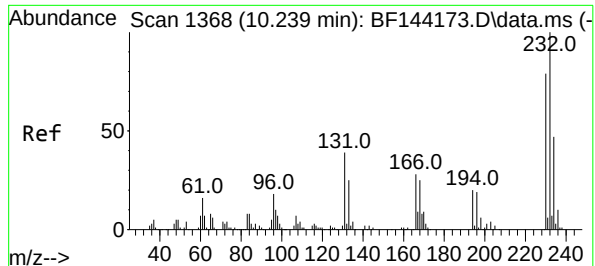
Ion Ratio Lower Upper

166 100

165 98.3 78.6 118.0

167 13.0 10.4 15.6

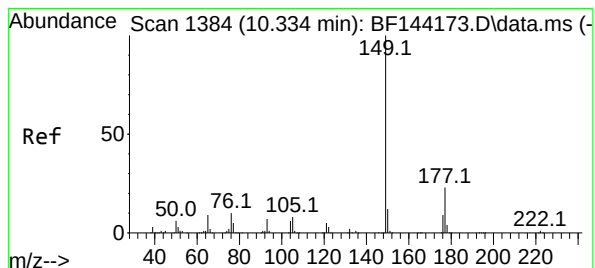
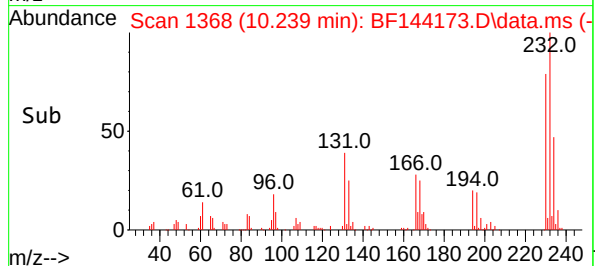
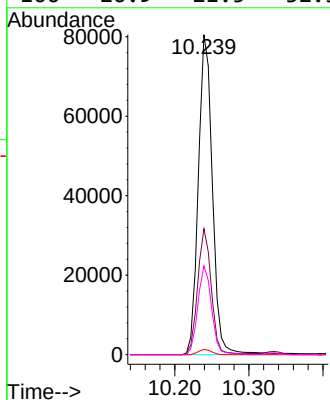
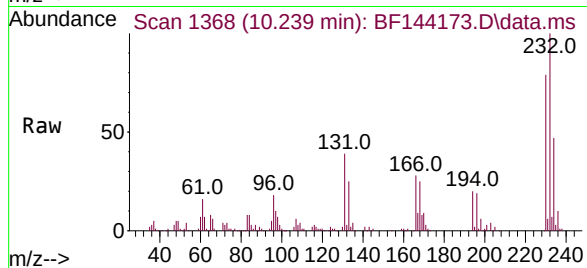




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.037 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

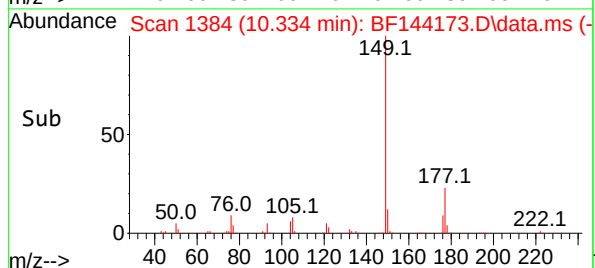
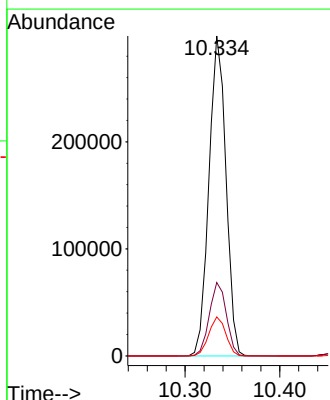
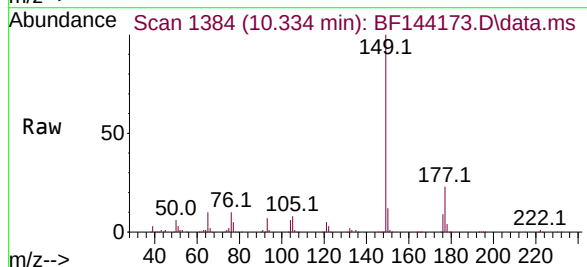
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

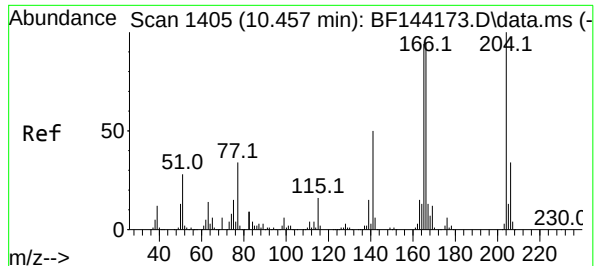
Tgt Ion:232 Resp: 106411
Ion Ratio Lower Upper
232 100
131 37.9 30.3 45.5
130 1.5 1.2 1.8
166 26.9 21.5 32.3



#60
Diethylphthalate
Concen: 41.061 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 373187
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.2 9.8 14.6

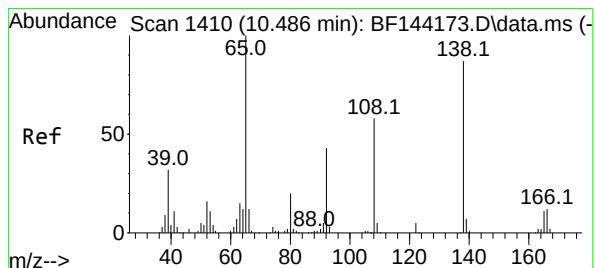
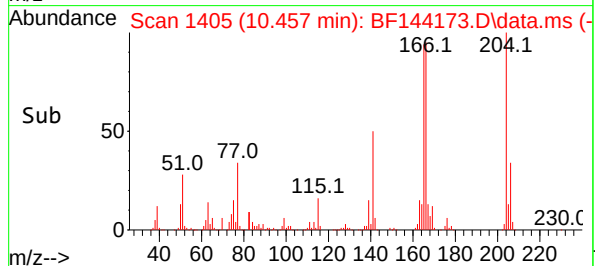
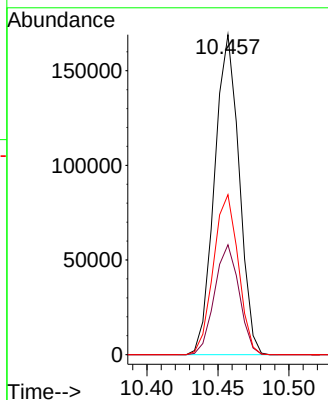
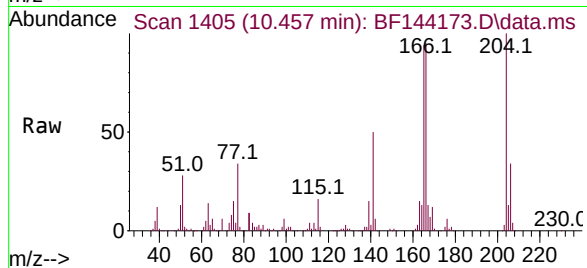




#61
4-Chlorophenyl-phenylether
Concen: 41.598 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

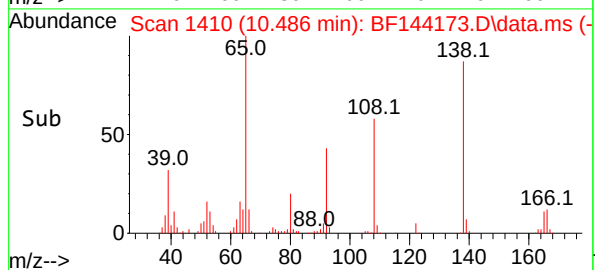
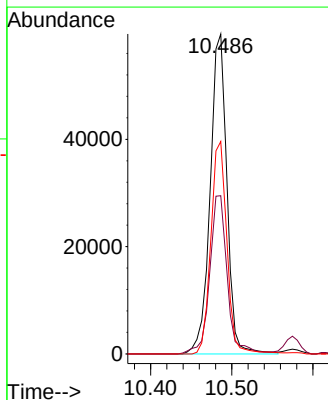
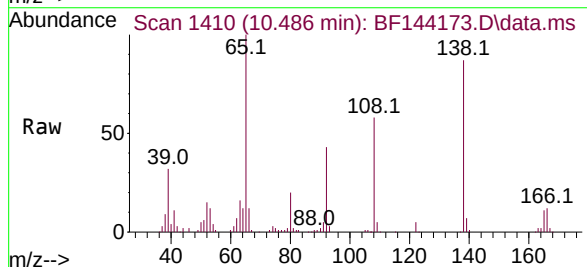
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

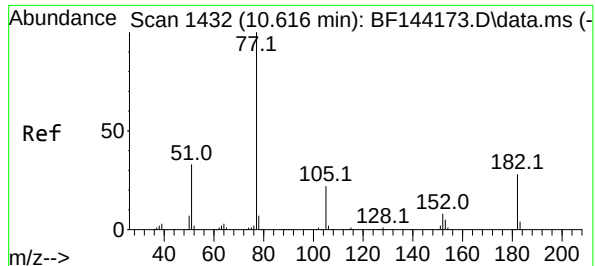
Tgt Ion:204 Resp: 203750
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 50.0 40.0 60.0



#62
4-Nitroaniline
Concen: 41.237 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:138 Resp: 85679
Ion Ratio Lower Upper
138 100
92 49.4 29.4 69.4
108 66.4 46.4 86.4

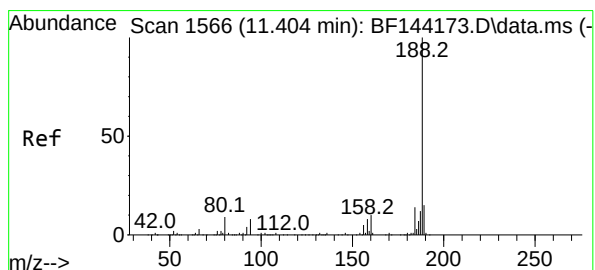
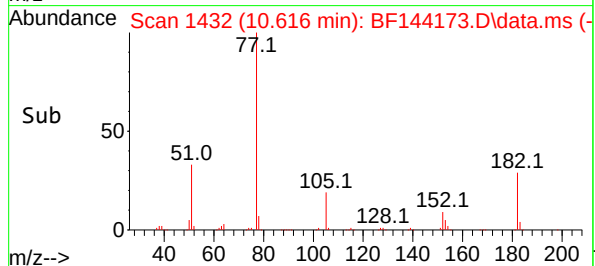
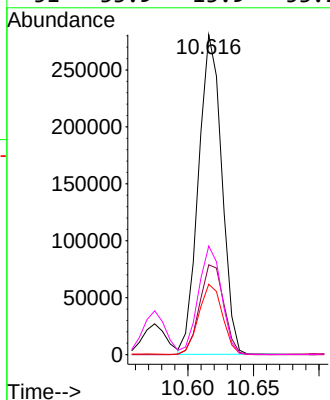
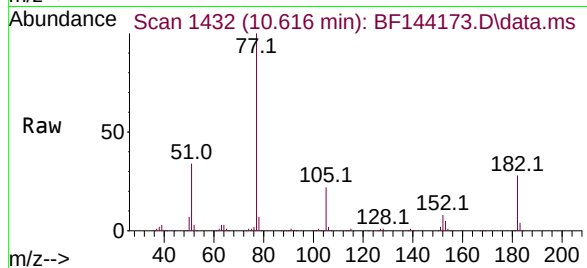




#63
Azobenzene
Concen: 40.948 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

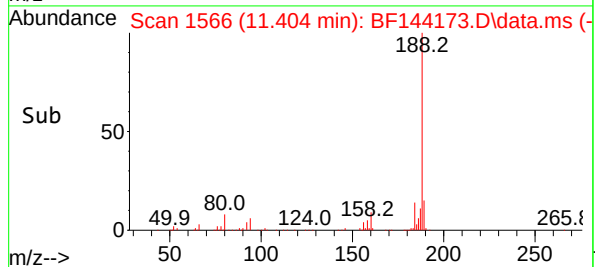
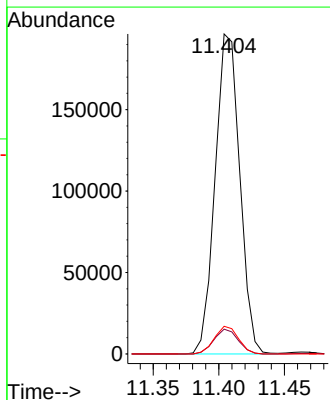
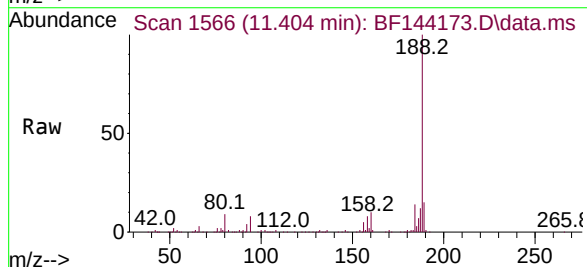
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

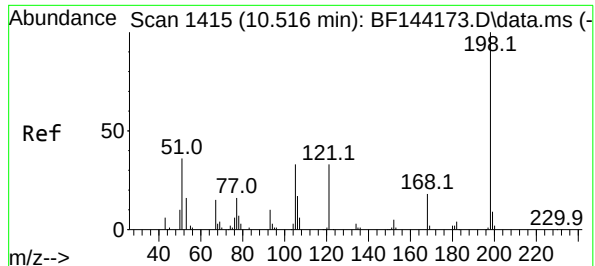
Tgt Ion: 77 Resp: 346367
Ion Ratio Lower Upper
77 100
182 28.1 8.1 48.1
105 22.0 2.0 42.0
51 33.9 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 188 Resp: 257329
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.6 6.9 10.3

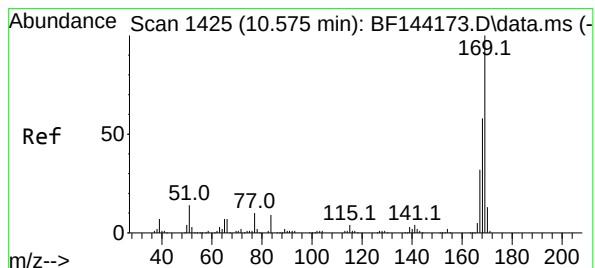
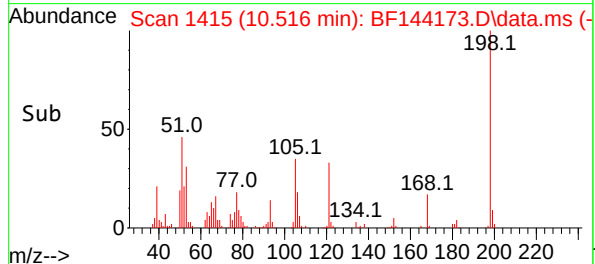
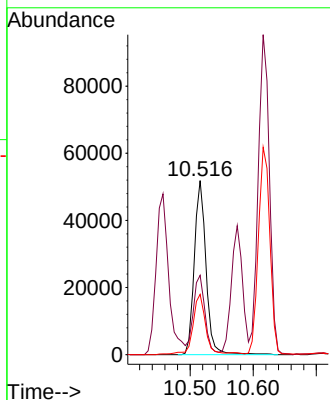
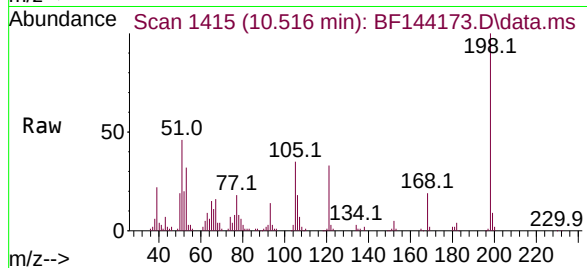




#65
4,6-Dinitro-2-methylphenol
Concen: 38.343 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

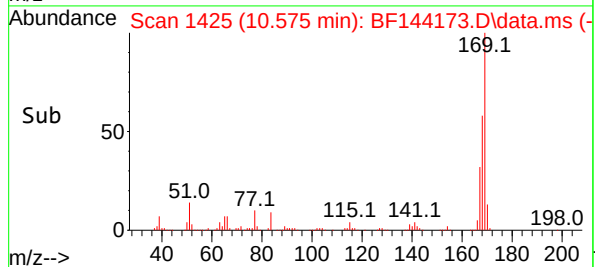
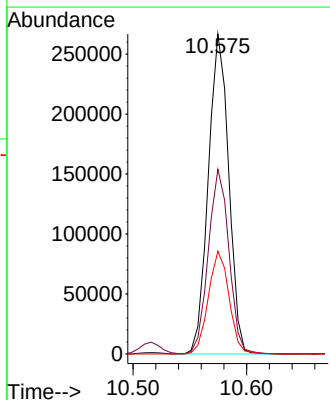
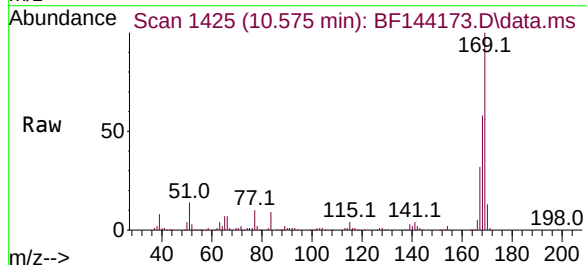
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

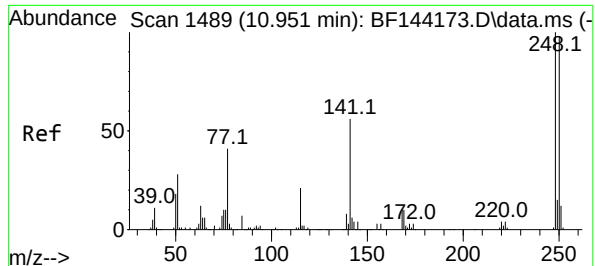
Tgt Ion:198 Resp: 67029
Ion Ratio Lower Upper
198 100
51 45.6 25.6 65.6
105 34.6 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 40.189 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:169 Resp: 332623
Ion Ratio Lower Upper
169 100
168 57.7 46.2 69.2
167 32.1 25.7 38.5

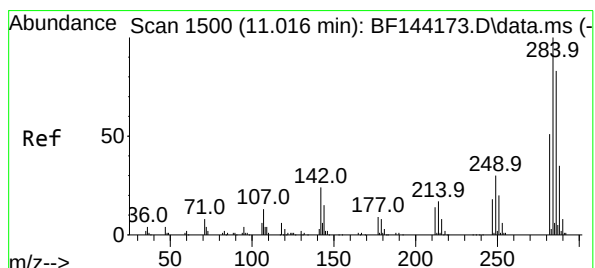
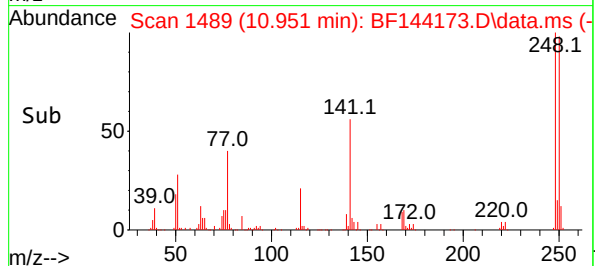
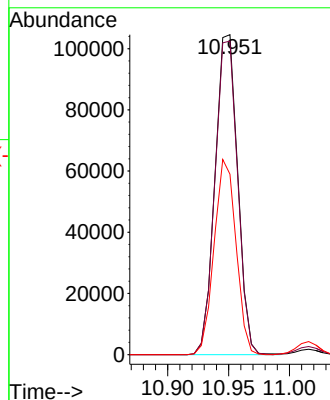
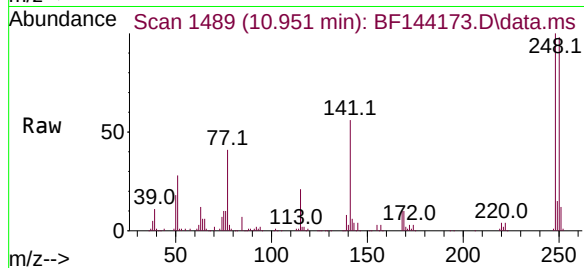




#67
4-Bromophenyl-phenylether
Concen: 41.198 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

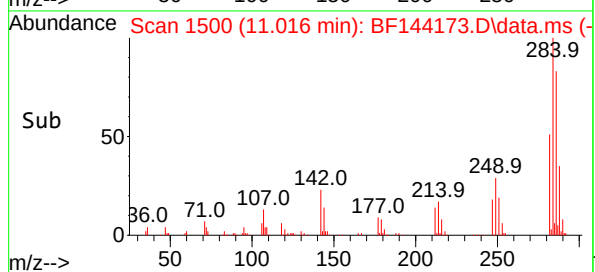
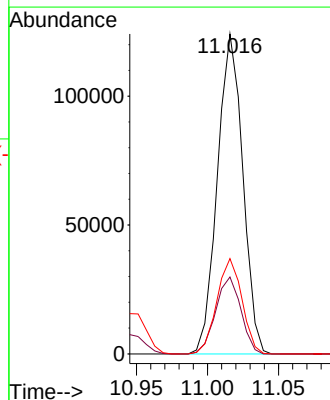
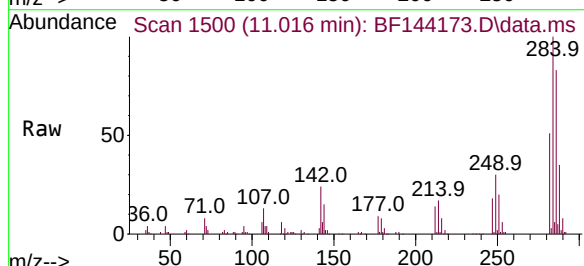
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

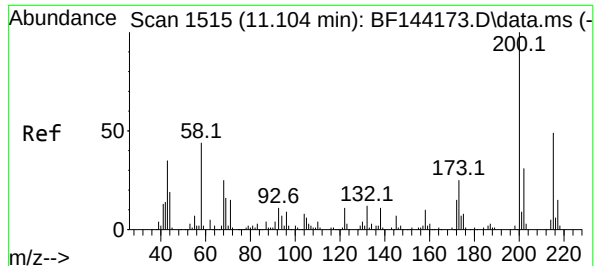
Tgt Ion:248 Resp: 135319
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 56.4 45.1 67.7



#68
Hexachlorobenzene
Concen: 39.943 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:284 Resp: 154532
Ion Ratio Lower Upper
284 100
142 24.0 19.2 28.8
249 29.8 23.8 35.8





#69

Atrazine

Concen: 40.239 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

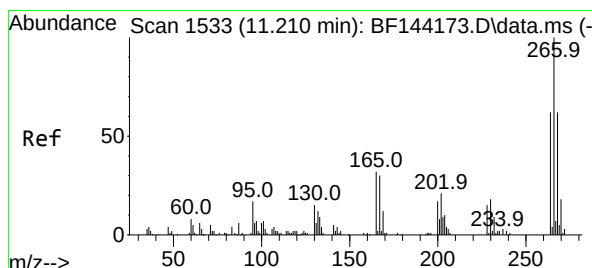
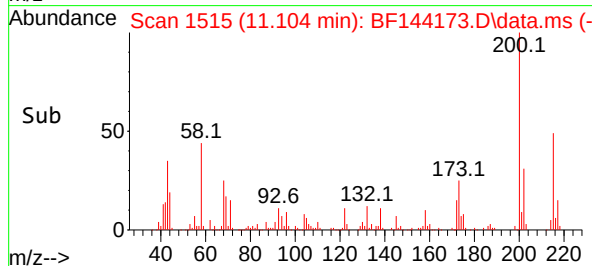
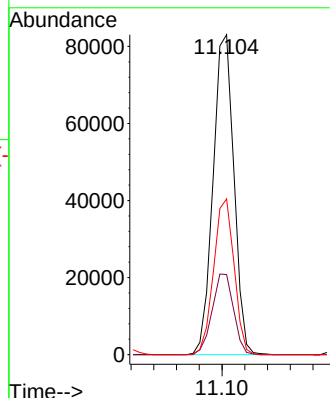
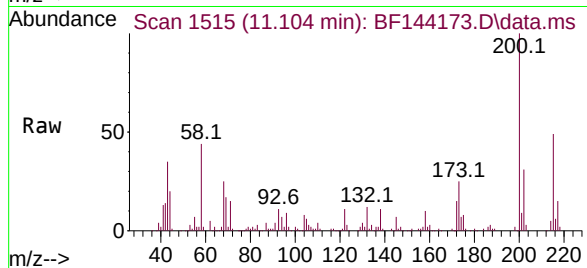
Tgt Ion:200 Resp: 105912

Ion Ratio Lower Upper

200 100

173 25.0 5.0 45.0

215 48.7 28.7 68.7



#70

Pentachlorophenol

Concen: 41.685 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

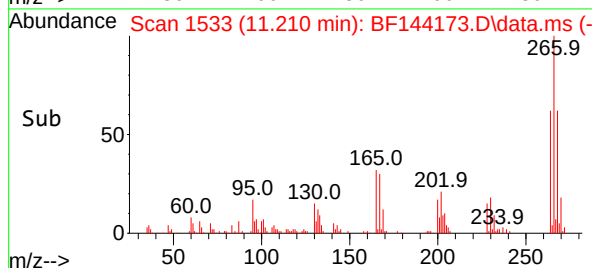
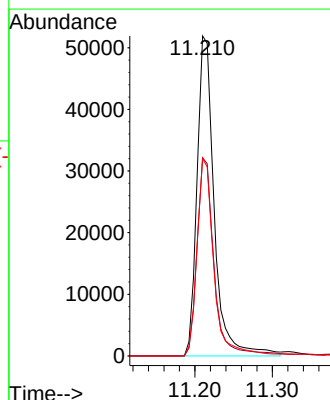
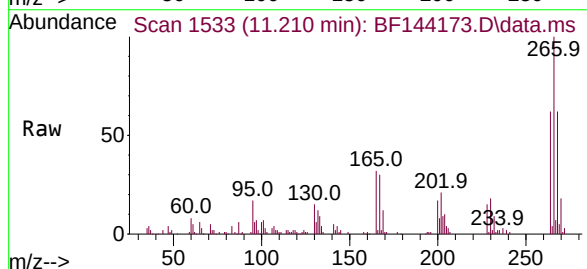
Tgt Ion:266 Resp: 80306

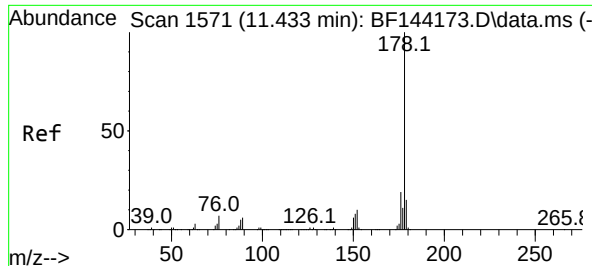
Ion Ratio Lower Upper

266 100

268 61.9 49.5 74.3

264 61.8 49.4 74.2

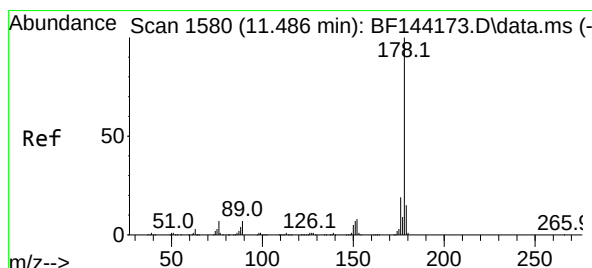
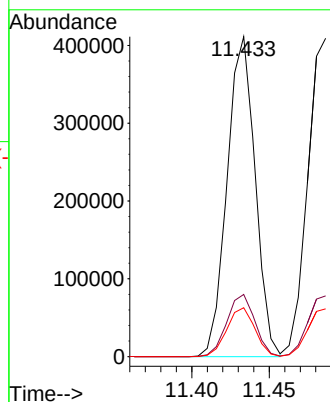
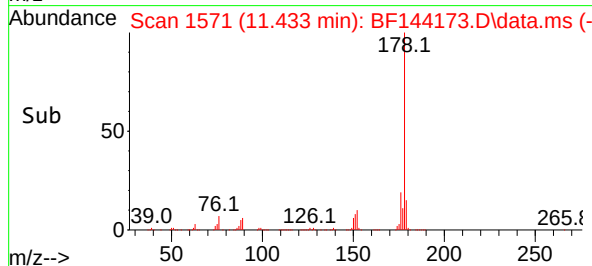
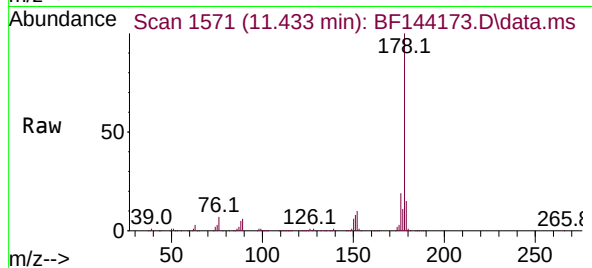




#71
Phenanthrene
Concen: 40.513 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

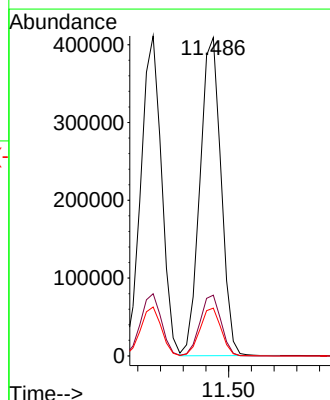
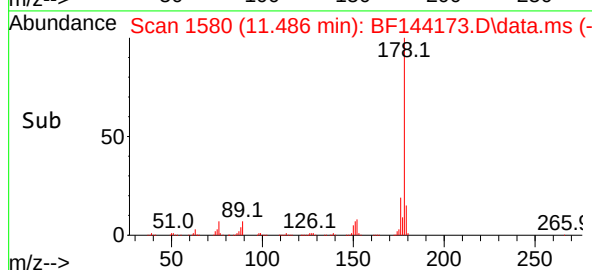
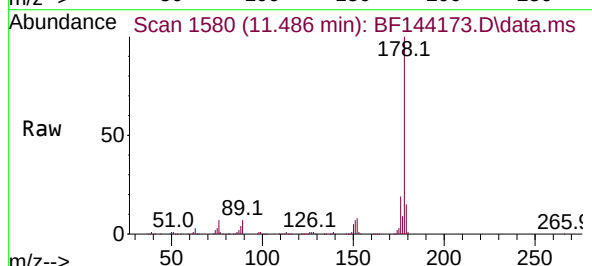
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

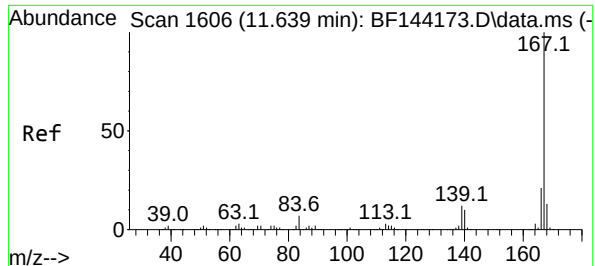
Tgt Ion:178 Resp: 519052
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 40.372 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:178 Resp: 525954
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.0 12.0 18.0

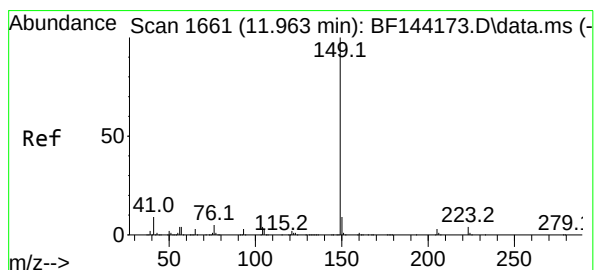
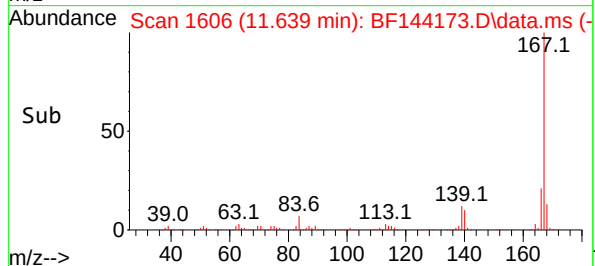
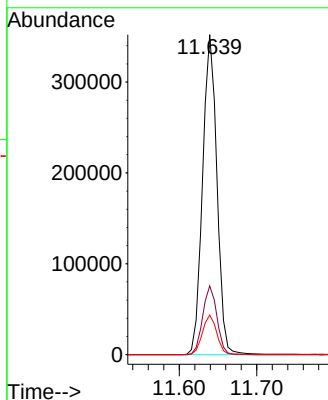
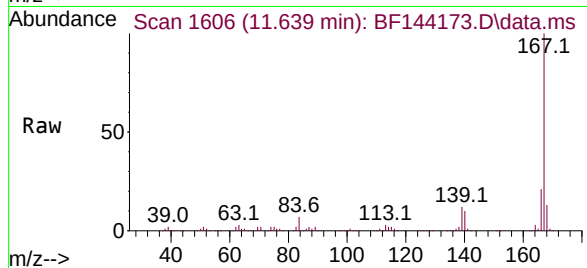




#73
Carbazole
Concen: 40.796 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

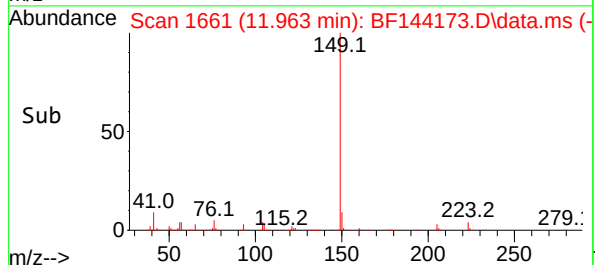
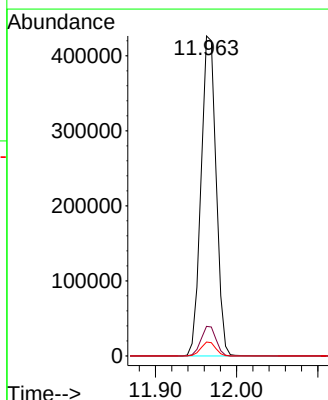
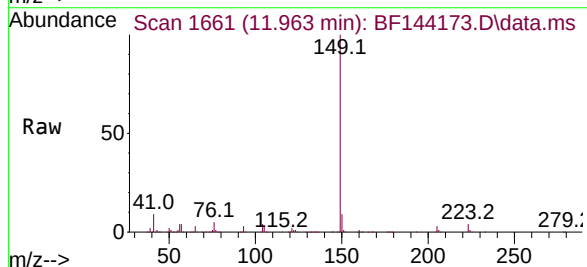
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

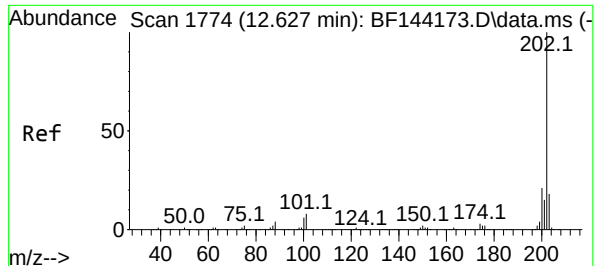
Tgt Ion:167 Resp: 451935
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 41.117 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 550628
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.3 3.4 5.2

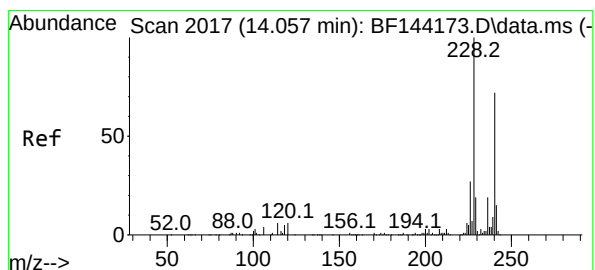
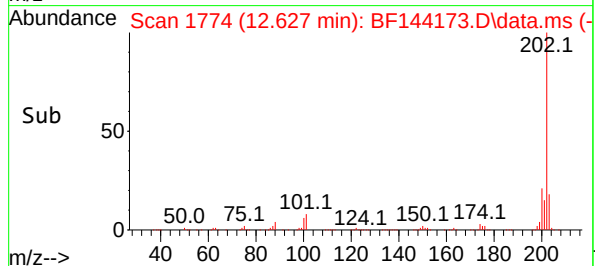
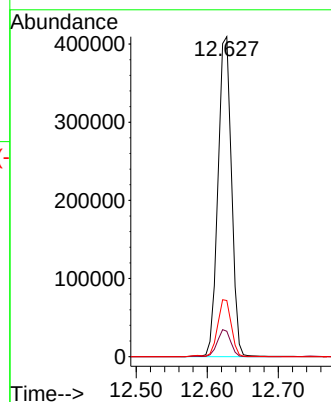
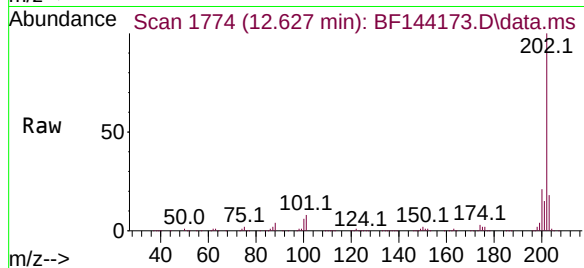




#75
Fluoranthene
Concen: 40.992 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

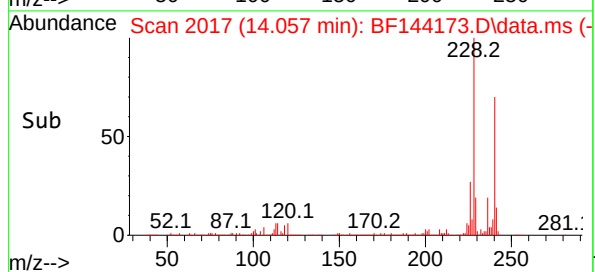
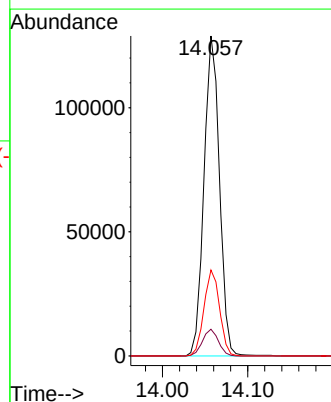
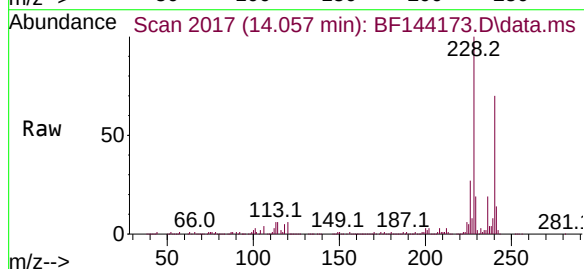
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

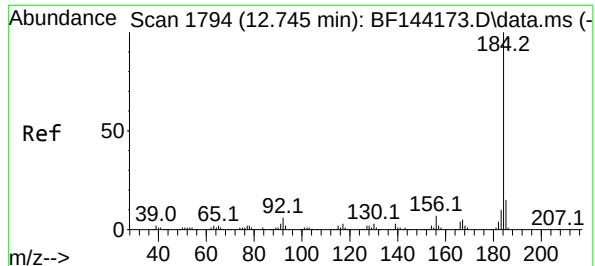
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.9
203	17.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	26.8	21.4	32.2





#77

Benzidine

Concen: 42.178 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

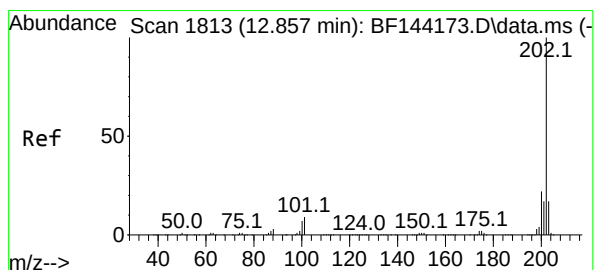
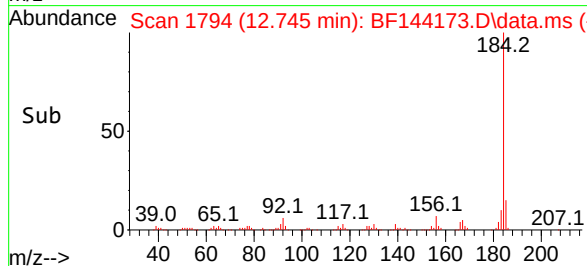
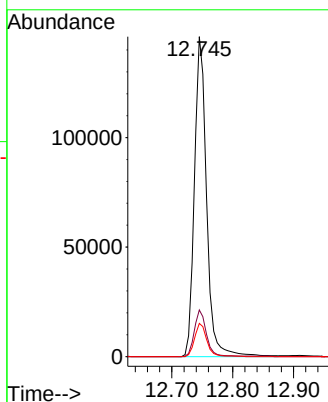
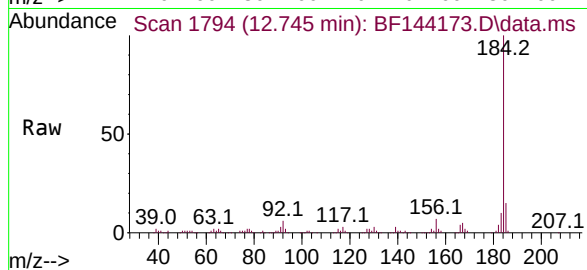
Tgt Ion:184 Resp: 202921

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.4 8.3 12.5



#78

Pyrene

Concen: 42.272 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

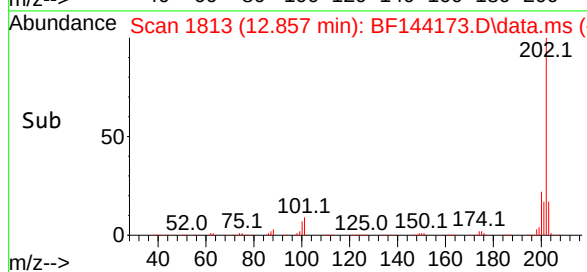
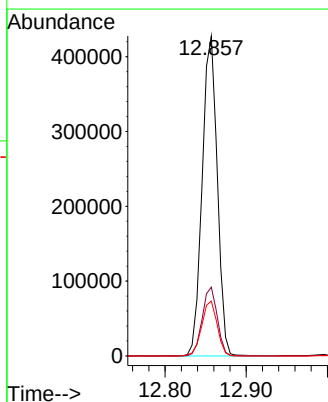
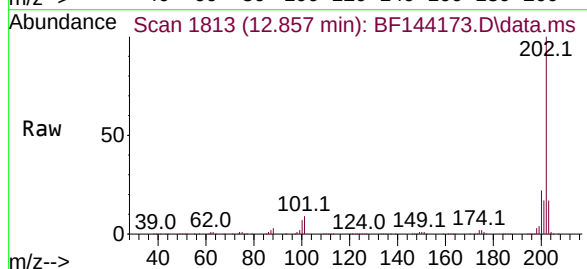
Tgt Ion:202 Resp: 554374

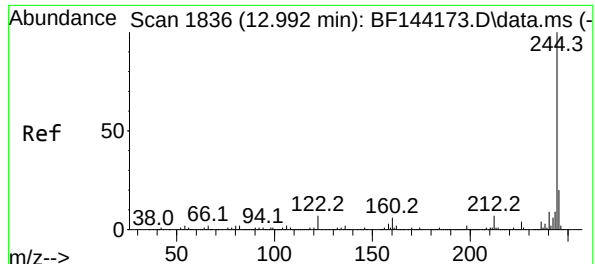
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.1 13.7 20.5





#79

Terphenyl-d14

Concen: 83.645 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

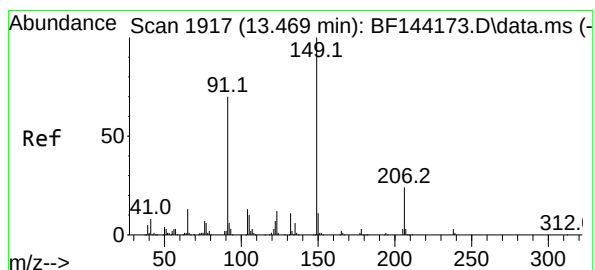
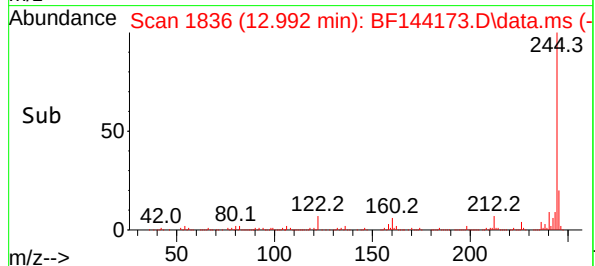
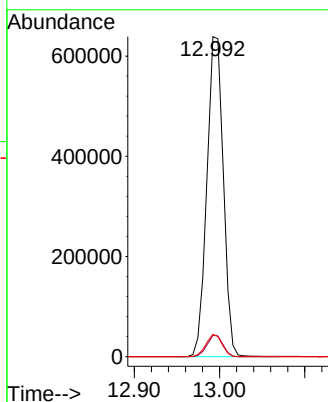
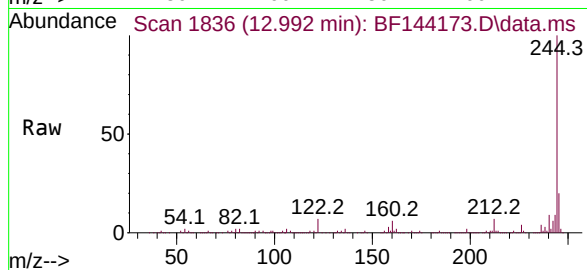
Tgt Ion:244 Resp: 856515

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 7.0 5.6 8.4



#80

Butylbenzylphthalate

Concen: 42.209 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

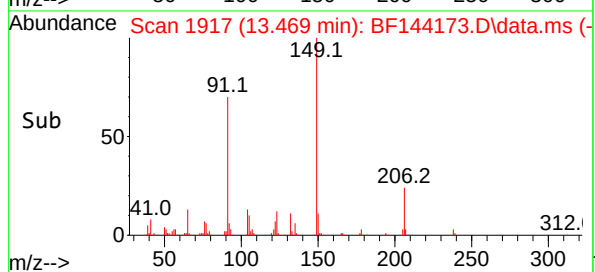
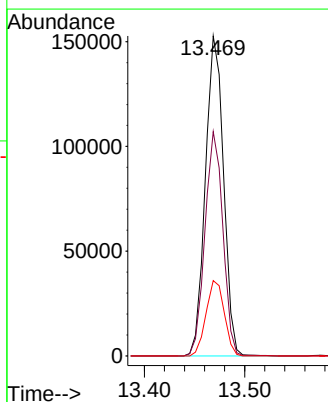
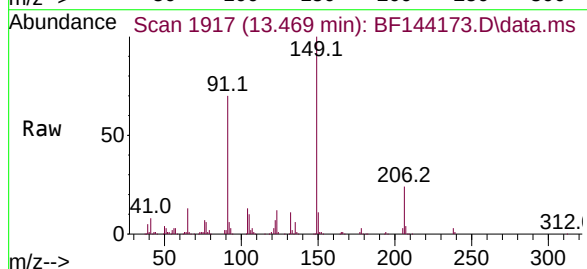
Tgt Ion:149 Resp: 191850

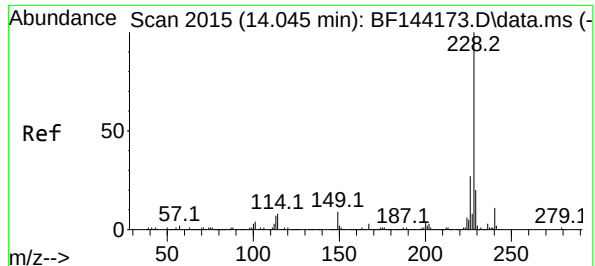
Ion Ratio Lower Upper

149 100

91 70.1 56.1 84.1

206 23.5 18.8 28.2





#81

Benzo(a)anthracene

Concen: 41.267 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

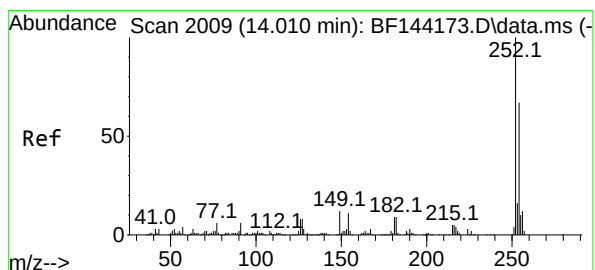
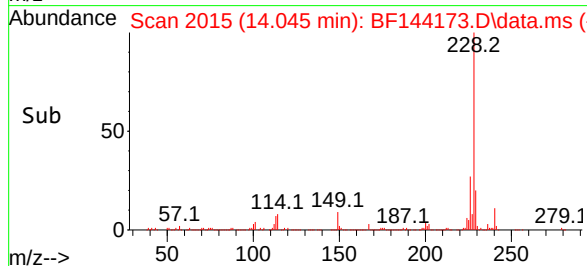
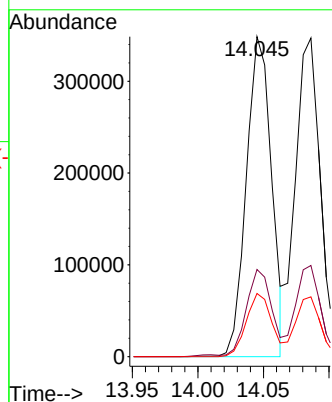
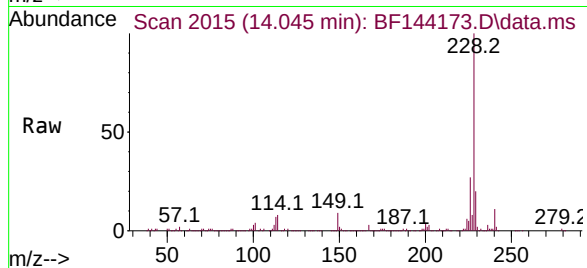
Tgt Ion:228 Resp: 465201

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 40.620 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

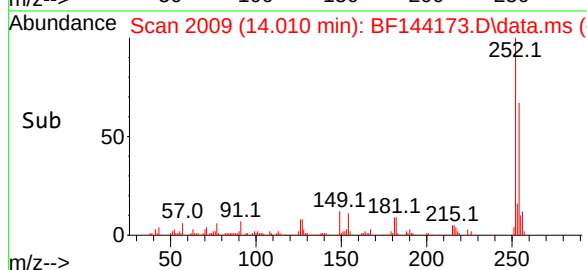
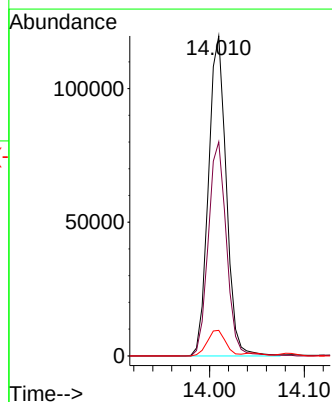
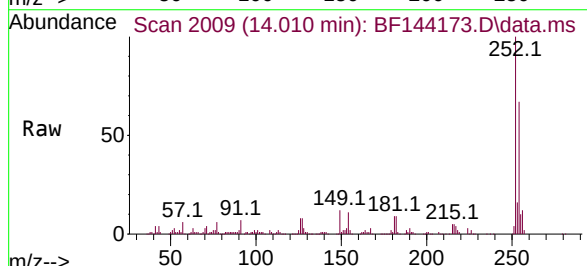
Tgt Ion:252 Resp: 156957

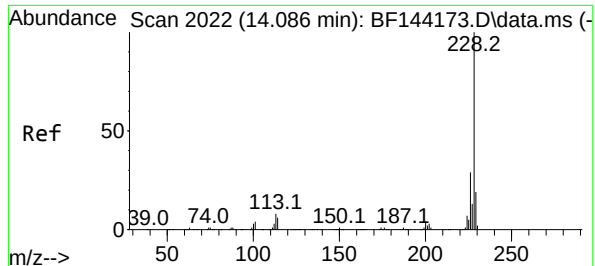
Ion Ratio Lower Upper

252 100

254 66.9 53.5 80.3

126 8.0 6.4 9.6

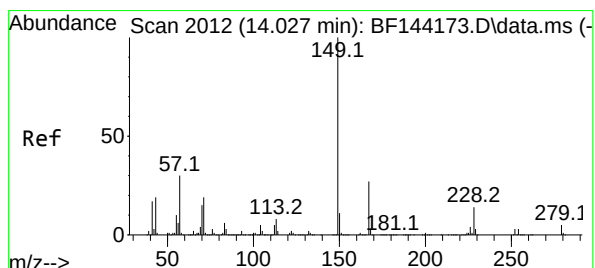
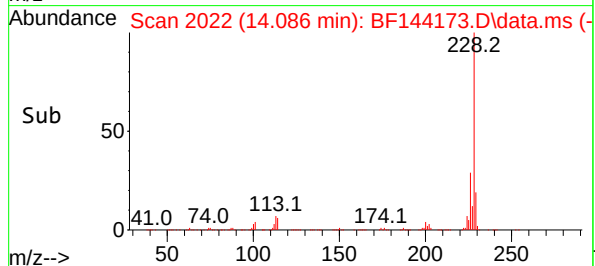
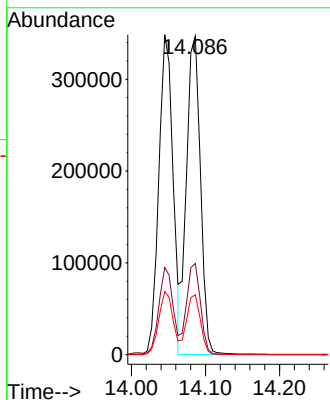
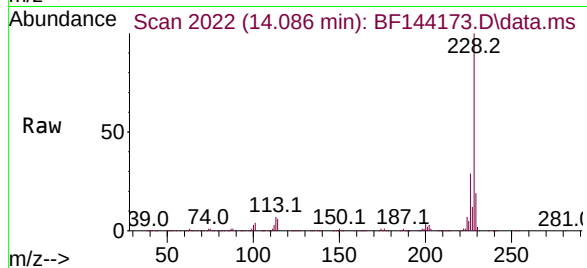




#83
Chrysene
Concen: 43.853 ng
RT: 14.086 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

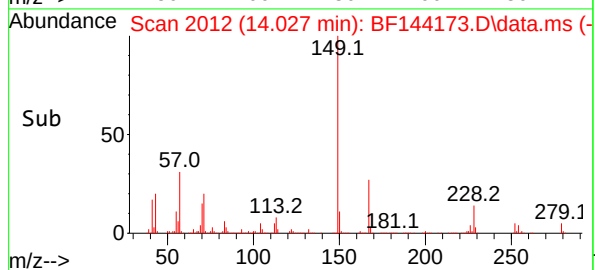
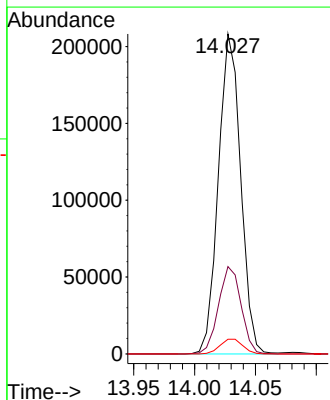
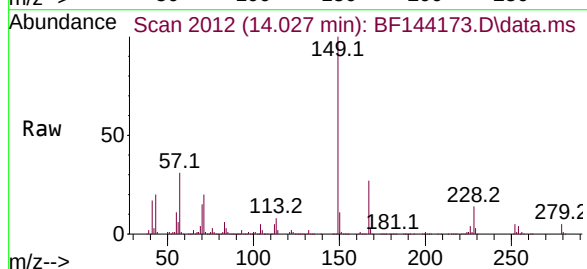
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

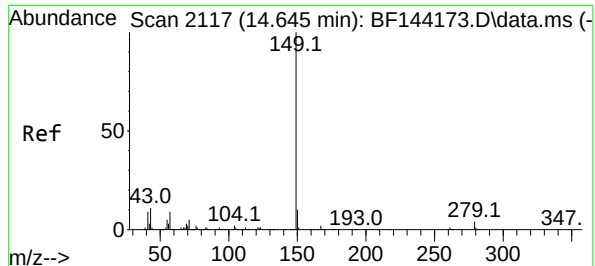
Tgt Ion:228 Resp: 456347
Ion Ratio Lower Upper
228 100
226 28.6 22.9 34.3
229 18.8 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.651 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 265384
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 4.6 3.7 5.5

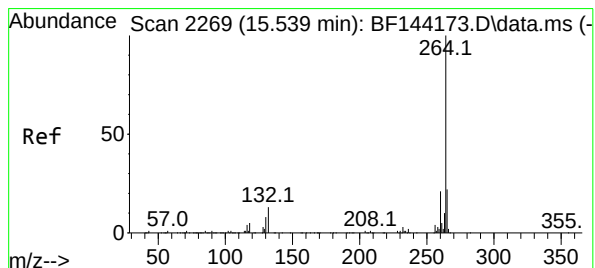
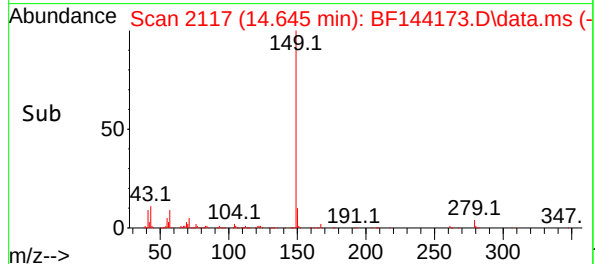
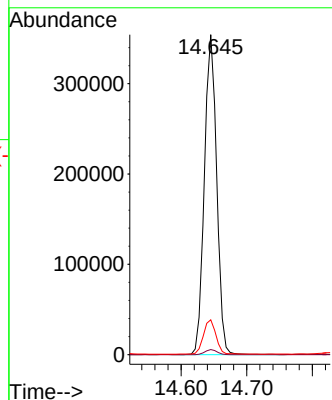
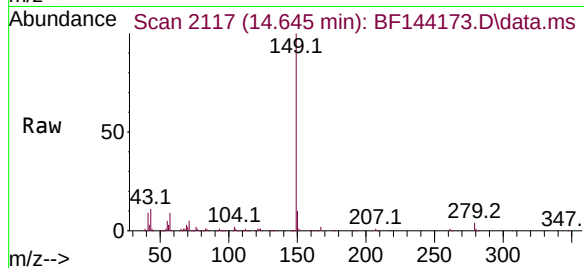




#85
Di-n-octyl phthalate
Concen: 42.739 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

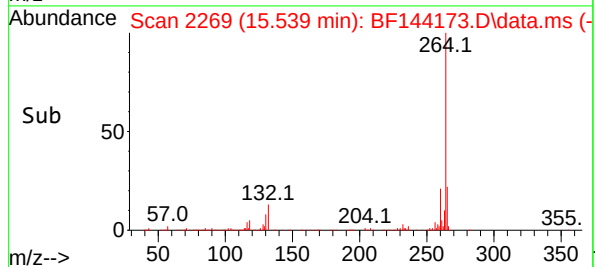
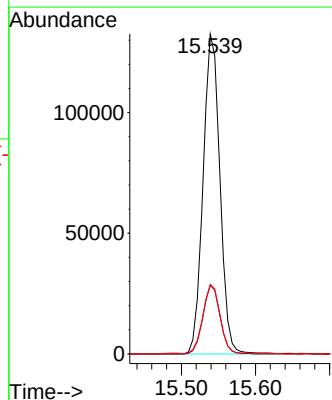
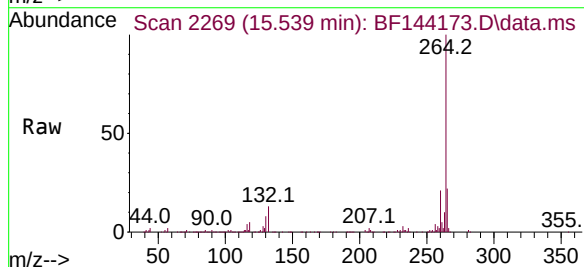
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

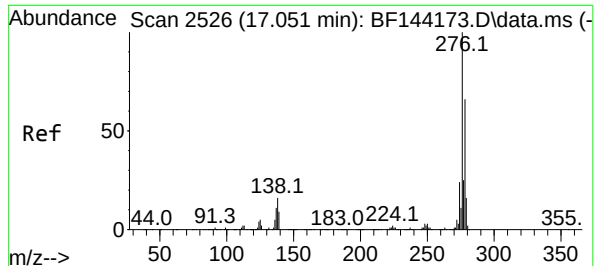
Tgt Ion:149 Resp: 458823
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:264 Resp: 208923
Ion Ratio Lower Upper
264 100
260 21.4 17.1 25.7
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.385 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

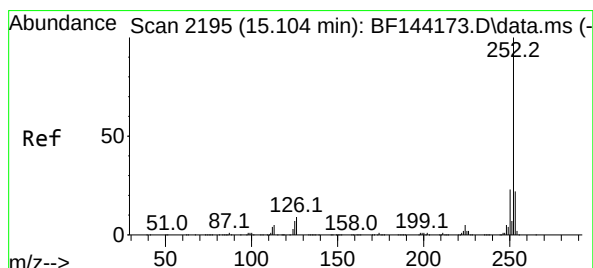
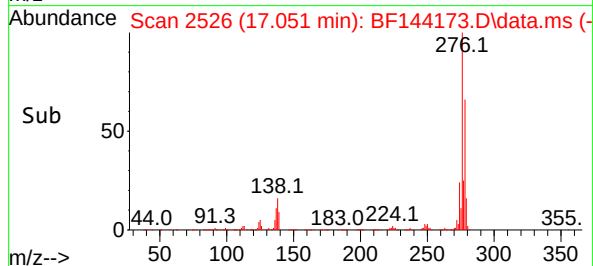
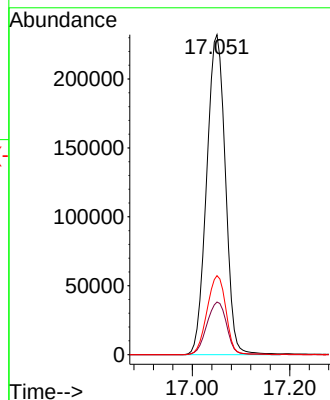
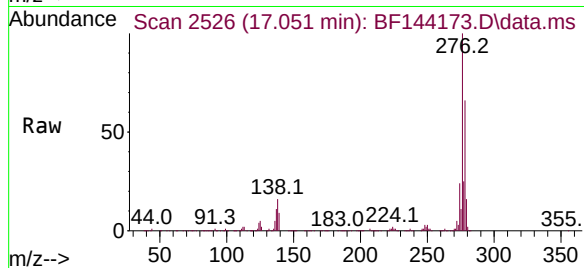
Tgt Ion:276 Resp: 620668

Ion Ratio Lower Upper

276 100

138 17.4 13.9 20.9

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 43.375 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

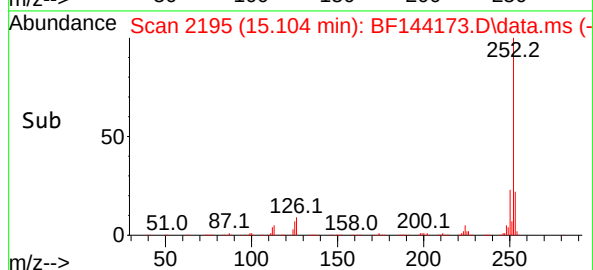
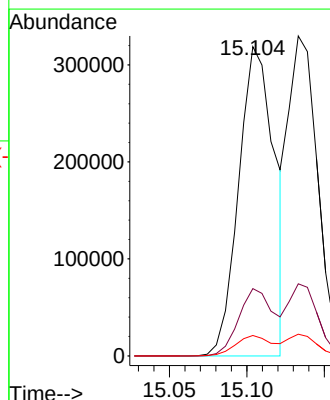
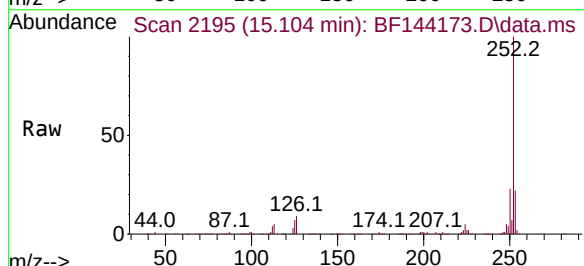
Tgt Ion:252 Resp: 515192

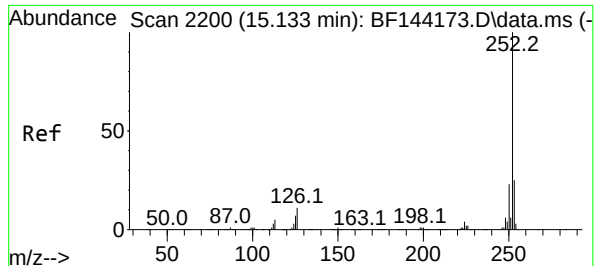
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 6.6 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 39.135 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

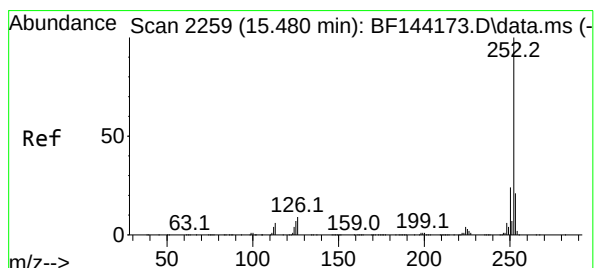
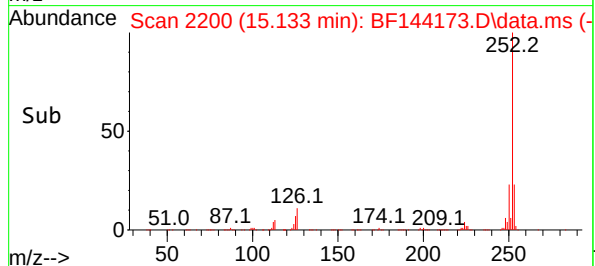
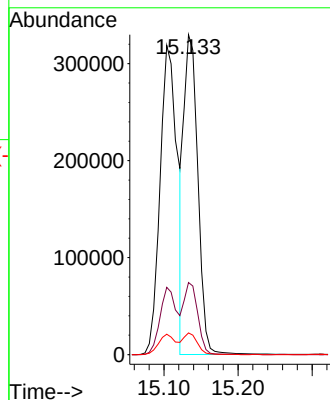
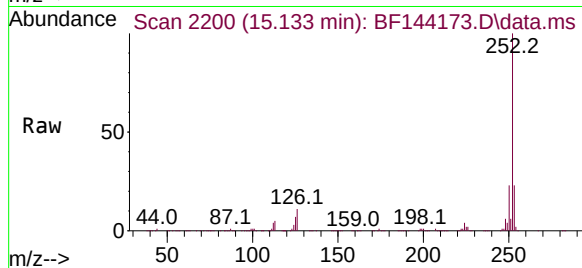
Tgt Ion:252 Resp: 435087

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 6.8 5.4 8.2



#90

Benzo(a)pyrene

Concen: 41.055 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

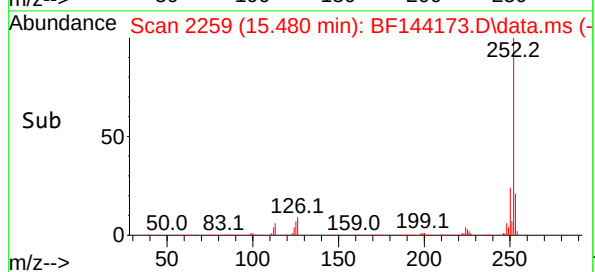
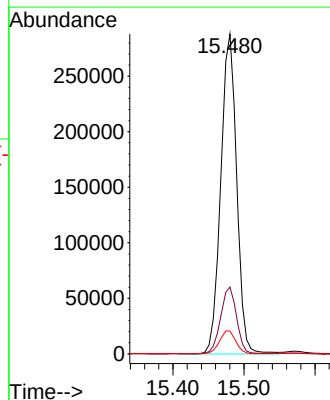
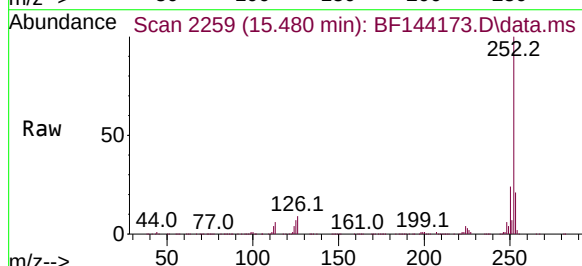
Tgt Ion:252 Resp: 449869

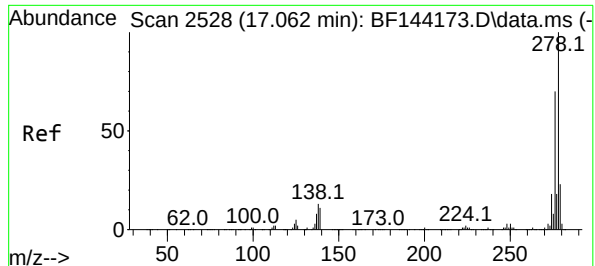
Ion Ratio Lower Upper

252 100

253 20.9 16.7 25.1

125 7.1 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 41.578 ng

RT: 17.062 min Scan# 2528

Delta R.T. -0.018 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

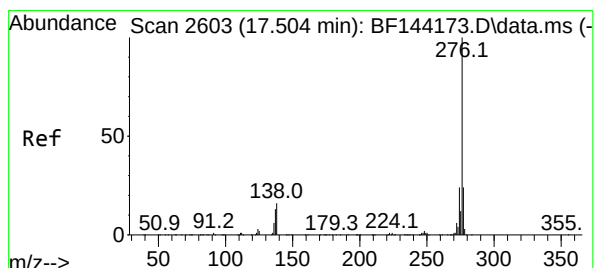
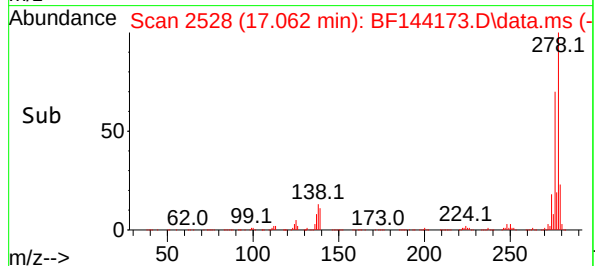
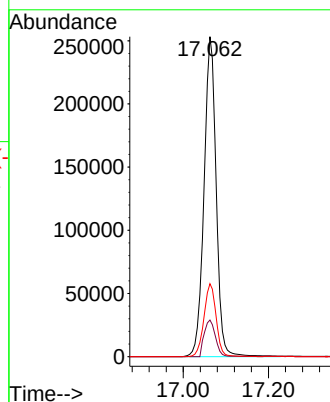
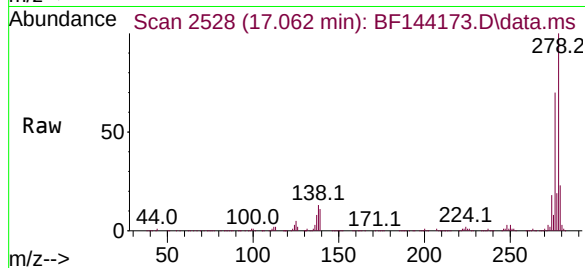
Tgt Ion:278 Resp: 500778

Ion Ratio Lower Upper

278 100

139 11.4 9.1 13.7

279 22.8 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 41.843 ng

RT: 17.504 min Scan# 2603

Delta R.T. -0.018 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

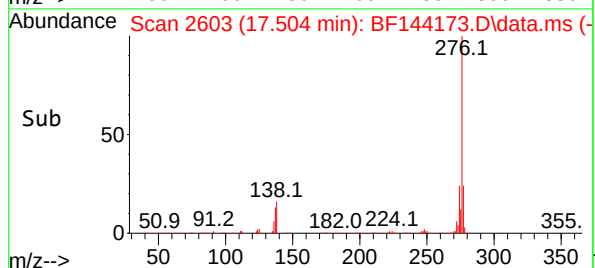
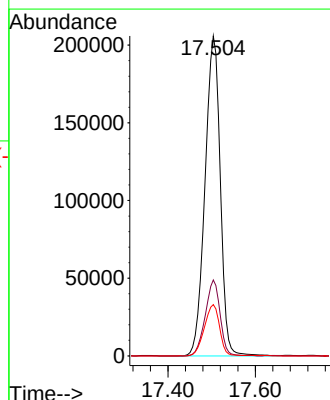
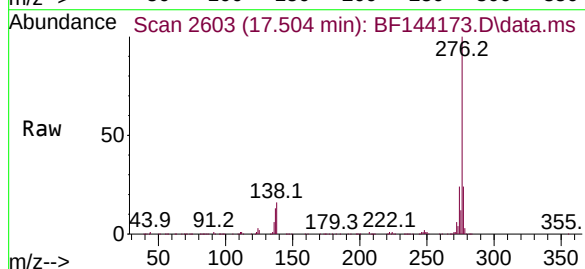
Tgt Ion:276 Resp: 497680

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 16.1 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144174.D
 Acq On : 05 Nov 2025 15:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 05 17:24:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84549	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	313425	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	170294	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	283828	20.000	ng	0.00
76) Chrysene-d12	14.063	240	194366	20.000	ng	0.00
86) Perylene-d12	15.545	264	264861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	489170	90.538	ng	0.00
7) Phenol-d6	6.504	99	541465	88.447	ng	0.00
23) Nitrobenzene-d5	7.439	82	502493	92.595	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	192917	90.275	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1002454	86.941	ng	0.00
79) Terphenyl-d14	12.998	244	1012618	82.754	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	105785	47.358	ng	97
3) Pyridine	3.375	79	291313	46.746	ng	98
4) n-Nitrosodimethylamine	3.334	42	152767	46.930	ng	98
6) Aniline	6.540	93	389058	44.605	ng	99
8) 2-Chlorophenol	6.663	128	243472	45.950	ng	99
9) Benzaldehyde	6.428	77	141949	41.062	ng	97
10) Phenol	6.522	94	330203	44.146	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	244159	44.798	ng	97
12) 1,3-Dichlorobenzene	6.816	146	295294	45.164	ng	98
13) 1,4-Dichlorobenzene	6.892	146	290027	44.277	ng	100
14) 1,2-Dichlorobenzene	7.045	146	280070	44.609	ng	99
15) Benzyl Alcohol	7.016	79	221836	45.762	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	453774	45.212	ng	98
17) 2-Methylphenol	7.128	107	189260	44.899	ng	100
18) Hexachloroethane	7.387	117	98682	45.346	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	171911	42.657	ng	95
20) 3+4-Methylphenols	7.281	107	217734	43.819	ng	92
22) Acetophenone	7.287	105	297391	44.230	ng	96
24) Nitrobenzene	7.463	77	268336	45.541	ng	98
25) Isophorone	7.698	82	455511	44.376	ng	98
26) 2-Nitrophenol	7.775	139	136351	46.747	ng	97
27) 2,4-Dimethylphenol	7.810	122	204079	46.681	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	291202	45.429	ng	98
29) 2,4-Dichlorophenol	8.016	162	226748	45.001	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	231992	44.838	ng	99
31) Naphthalene	8.181	128	665821	44.658	ng	99
32) Benzoic acid	7.928	122	129332	40.359	ng	98
33) 4-Chloroaniline	8.228	127	241956	44.496	ng	99
34) Hexachlorobutadiene	8.292	225	181564	46.562	ng	98
35) Caprolactam	8.604	113	58430	42.327	ng	# 88
36) 4-Chloro-3-methylphenol	8.710	107	202891	44.930	ng	96
37) 2-Methylnaphthalene	8.875	142	438395	43.979	ng	99
38) 1-Methylnaphthalene	8.969	142	419784	43.644	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	250210	44.832	ng	98
41) Hexachlorocyclopentadiene	9.022	237	86860	48.007	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	174024	45.813	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144174.D
 Acq On : 05 Nov 2025 15:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 05 17:24:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

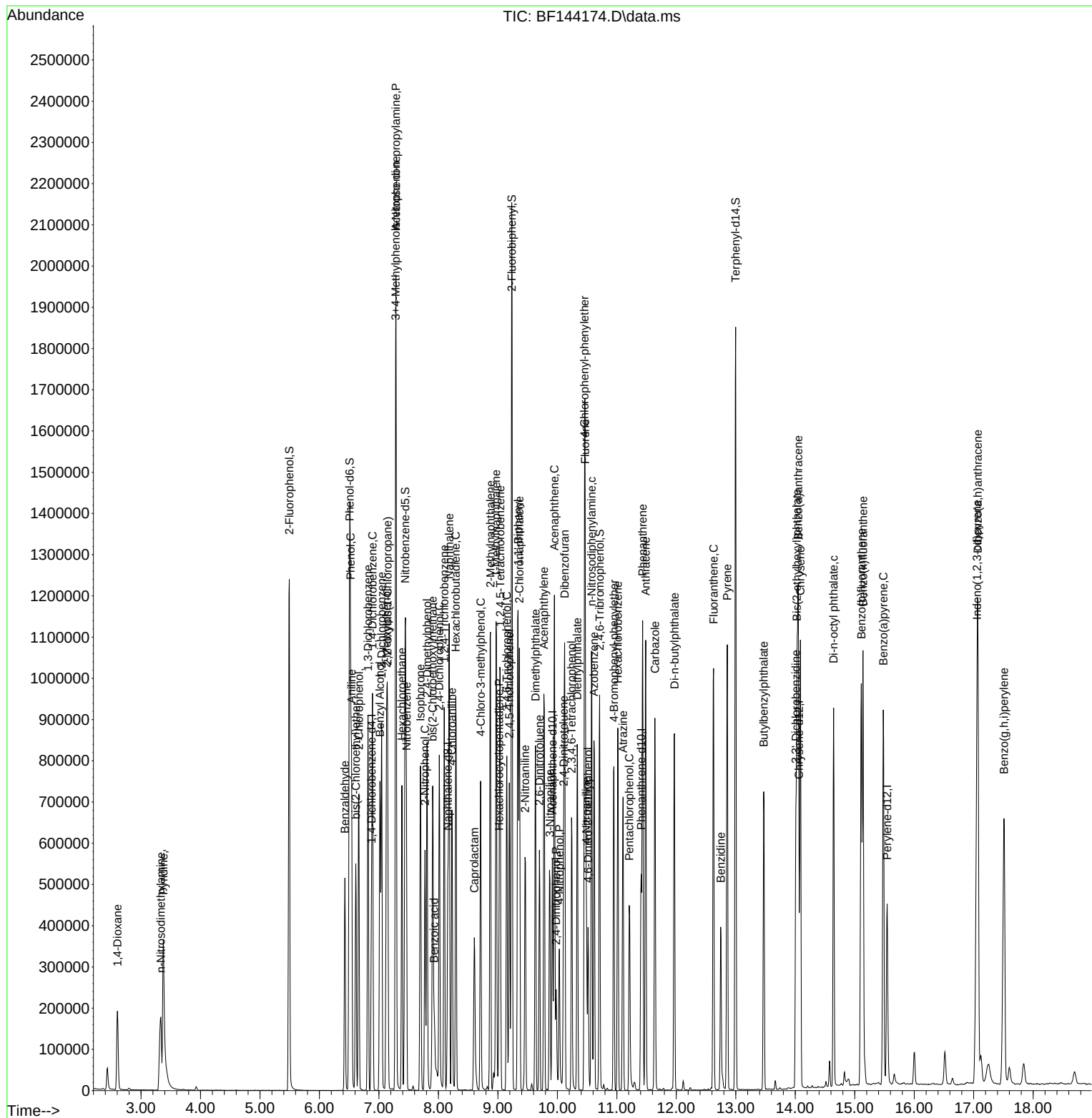
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186449	45.542	ng	100
46) 1,1'-Biphenyl	9.339	154	527437	44.371	ng	99
47) 2-Chloronaphthalene	9.363	162	454778	44.851	ng	99
48) 2-Nitroaniline	9.457	65	138845	47.458	ng	97
49) Acenaphthylene	9.775	152	613066	44.368	ng	99
50) Dimethylphthalate	9.633	163	497451	44.094	ng	100
51) 2,6-Dinitrotoluene	9.698	165	107091	46.892	ng	99
52) Acenaphthene	9.951	154	407187	44.067	ng	99
53) 3-Nitroaniline	9.875	138	112371	45.012	ng	99
54) 2,4-Dinitrophenol	9.981	184	56551	41.007	ng	97
55) Dibenzofuran	10.122	168	569268	43.989	ng	99
56) 4-Nitrophenol	10.033	139	78636	43.544	ng	98
57) 2,4-Dinitrotoluene	10.104	165	139501	45.629	ng	98
58) Fluorene	10.469	166	424429	43.136	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	134554	46.453	ng	98
60) Diethylphthalate	10.333	149	457569	43.997	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	242650	43.294	ng	96
62) 4-Nitroaniline	10.486	138	108312	45.557	ng	97
63) Azobenzene	10.616	77	423631	43.768	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	85232	44.204	ng	98
66) n-Nitrosodiphenylamine	10.575	169	409670	44.877	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	161600	44.606	ng	99
68) Hexachlorobenzene	11.016	284	193574	45.364	ng	97
69) Atrazine	11.104	200	127465	43.906	ng	99
70) Pentachlorophenol	11.210	266	96941	45.622	ng	97
71) Phenanthrene	11.433	178	633088	44.800	ng	100
72) Anthracene	11.486	178	636448	44.292	ng	99
73) Carbazole	11.639	167	540957	44.273	ng	100
74) Di-n-butylphthalate	11.969	149	650810	44.060	ng	100
75) Fluoranthene	12.627	202	645856	44.244	ng	99
77) Benzidine	12.745	184	248615	43.243	ng	99
78) Pyrene	12.857	202	666673	42.540	ng	100
80) Butylbenzylphthalate	13.469	149	242259	44.602	ng	99
81) Benzo(a)anthracene	14.051	228	626599	46.515	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	214437	46.440	ng	97
83) Chrysene	14.086	228	565678	45.489	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	342489	46.061	ng	99
85) Di-n-octyl phthalate	14.645	149	616644	48.068	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	867786	45.642	ng	99
88) Benzo(b)fluoranthene	15.110	252	663728	44.079	ng	99
89) Benzo(k)fluoranthene	15.139	252	661746	46.952	ng	98
90) Benzo(a)pyrene	15.480	252	637370	45.882	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	688620	45.098	ng	98
92) Benzo(g,h,i)perylene	17.509	276	680830	45.152	ng	99

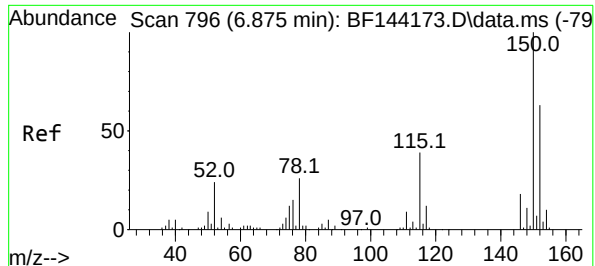
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144174.D
Acq On : 05 Nov 2025 15:49
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Nov 05 17:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

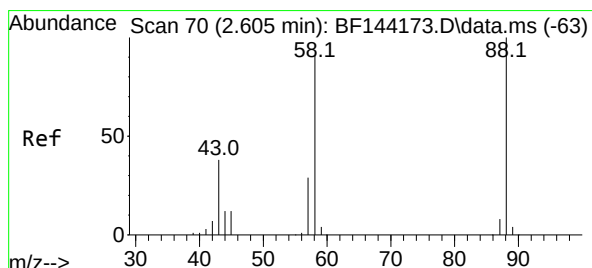
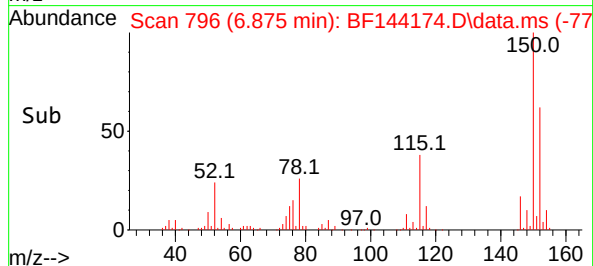
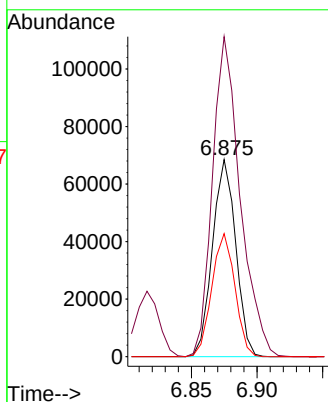
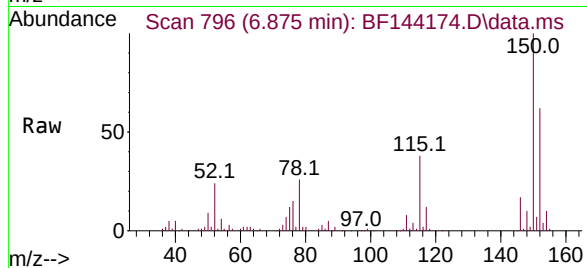




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

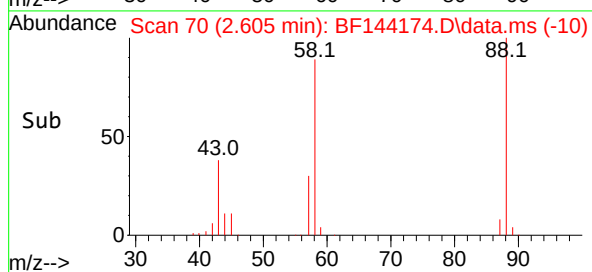
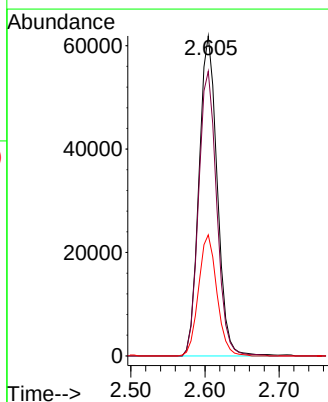
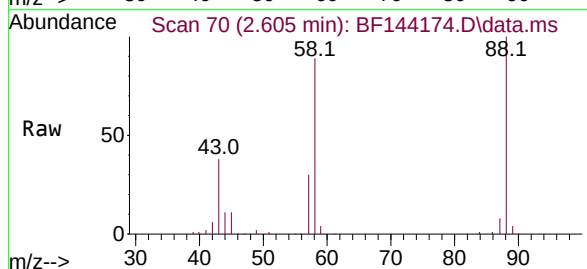
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

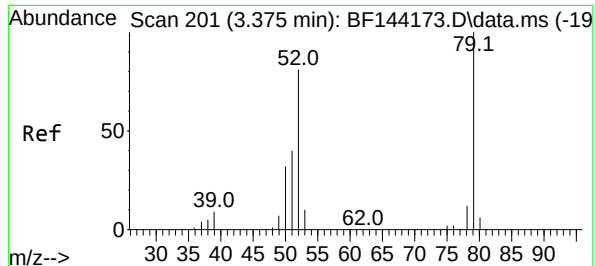
Tgt Ion:152 Resp: 84549
Ion Ratio Lower Upper
152 100
150 162.4 127.4 191.0
115 62.4 49.5 74.3



#2
1,4-Dioxane
Concen: 47.358 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 88 Resp: 105785
Ion Ratio Lower Upper
88 100
58 88.5 73.1 109.7
43 38.0 31.0 46.6





#3

Pyridine

Concen: 46.746 ng

RT: 3.375 min Scan# 201

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

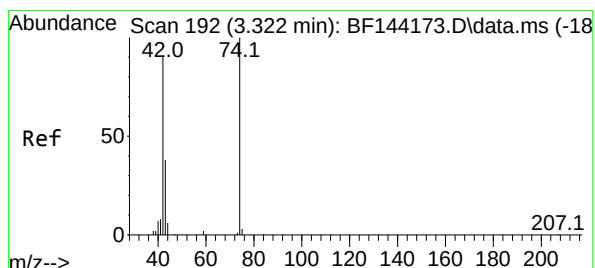
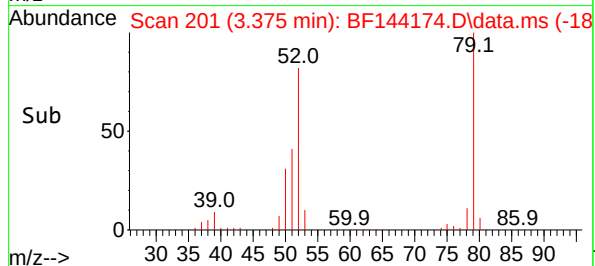
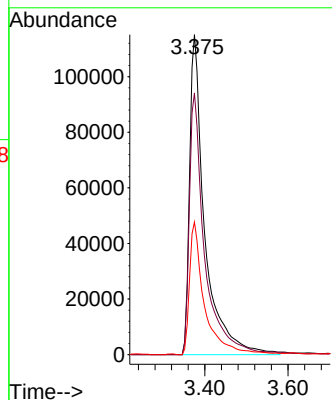
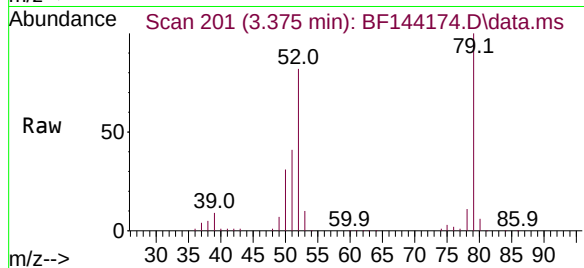
Tgt Ion: 79 Resp: 291313

Ion Ratio Lower Upper

79 100

52 81.8 64.5 96.7

51 41.4 31.7 47.5



#4

n-Nitrosodimethylamine

Concen: 46.930 ng

RT: 3.334 min Scan# 194

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

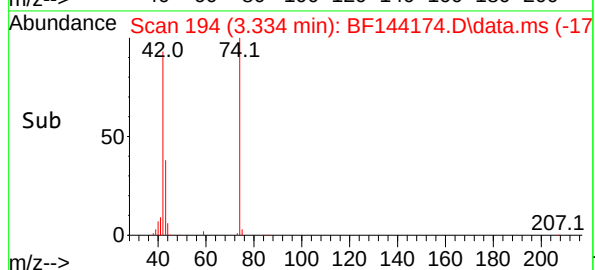
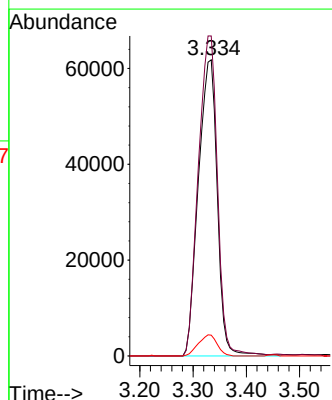
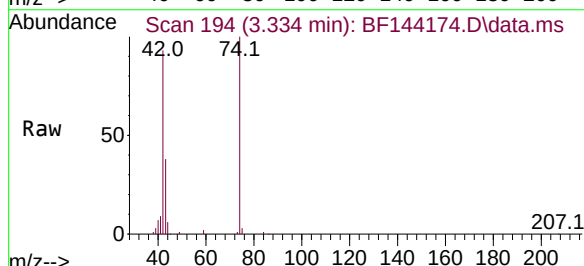
Tgt Ion: 42 Resp: 152767

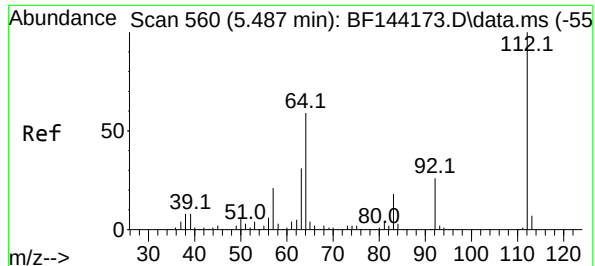
Ion Ratio Lower Upper

42 100

74 108.1 88.2 132.4

44 7.0 5.7 8.5

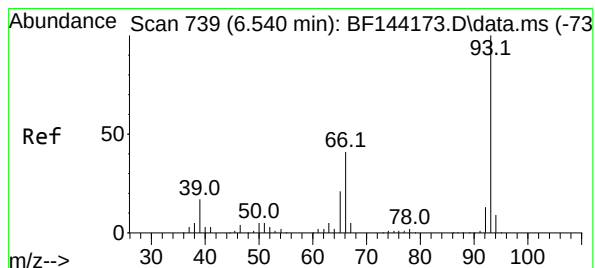
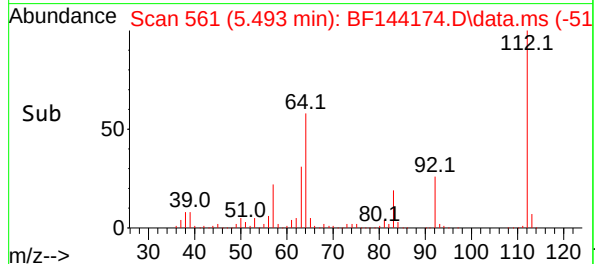
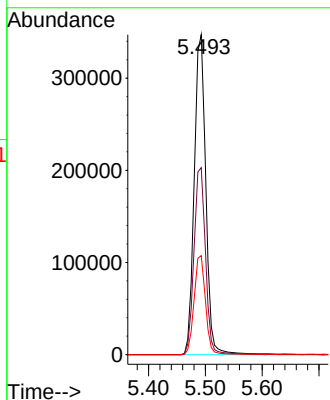
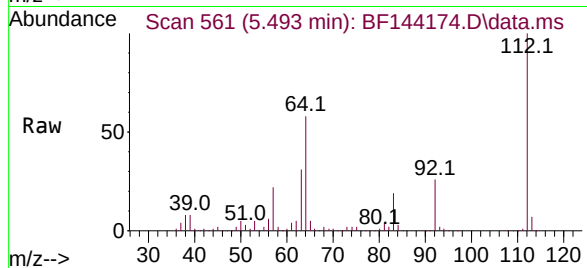




#5
2-Fluorophenol
Concen: 90.538 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

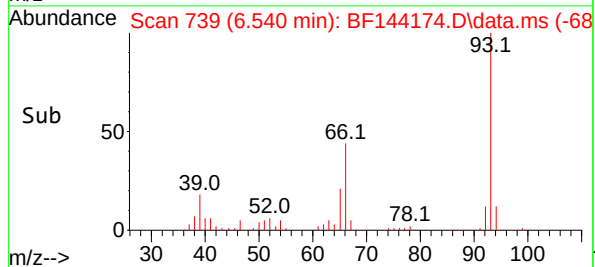
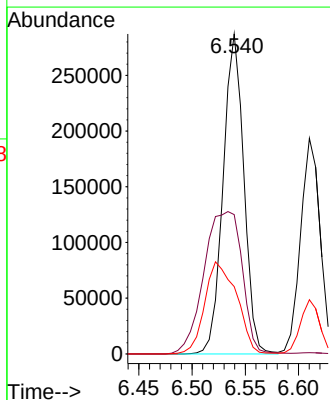
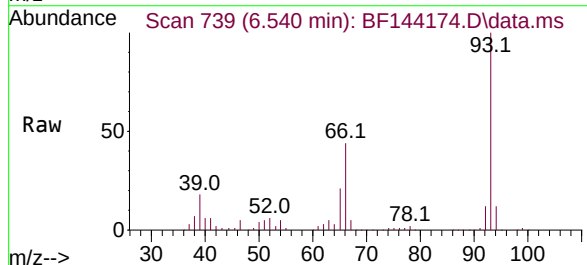
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

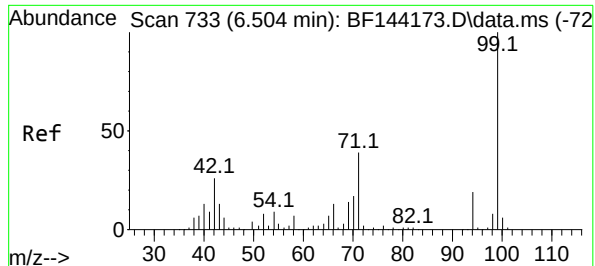
Tgt Ion:112 Resp: 489170
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 30.9 24.4 36.6



#6
Aniline
Concen: 44.605 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 93 Resp: 389058
Ion Ratio Lower Upper
93 100
66 43.5 34.3 51.5
65 21.0 16.9 25.3

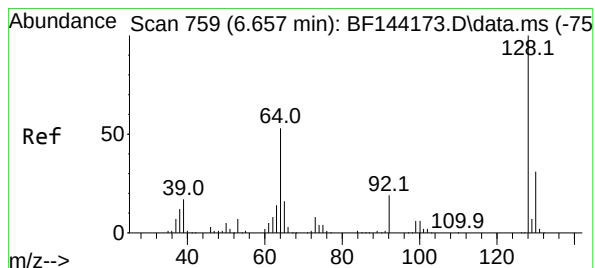
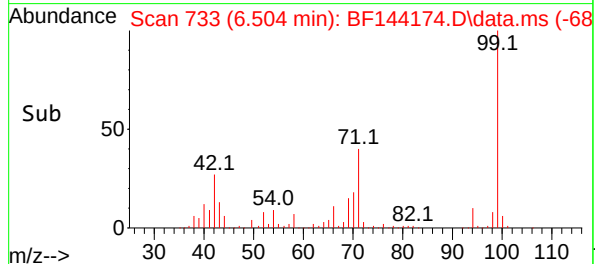
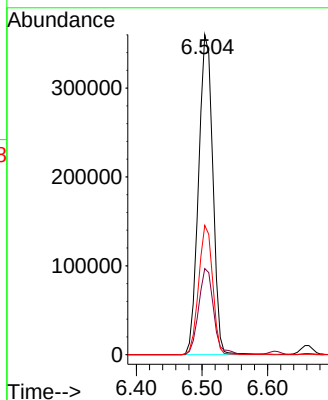
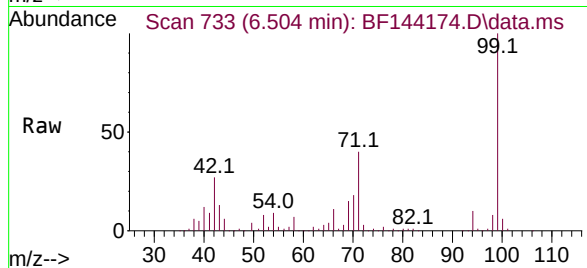




#7
Phenol-d6
Concen: 88.447 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

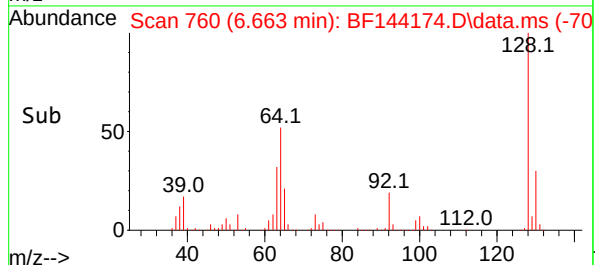
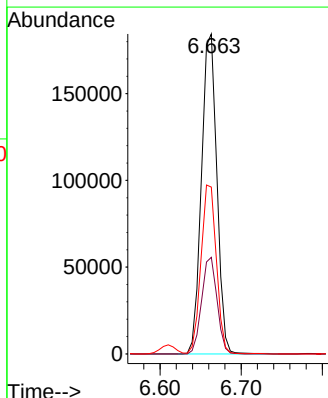
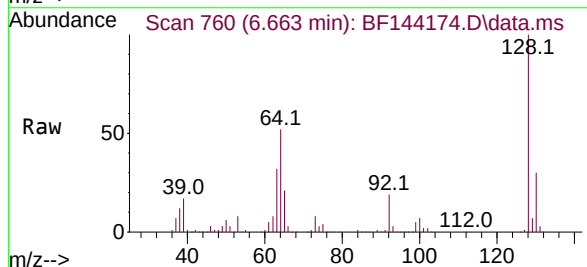
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ClientSampleId :
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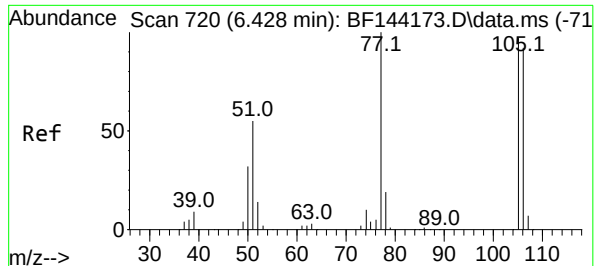
Tgt Ion: 99 Resp: 541465
Ion Ratio Lower Upper
99 100
42 26.9 20.9 31.3
71 40.4 31.4 47.2



#8
2-Chlorophenol
Concen: 45.950 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 128 Resp: 243472
Ion Ratio Lower Upper
128 100
130 30.2 10.5 50.5
64 52.1 33.2 73.2





#9
Benzaldehyde

Concen: 41.062 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

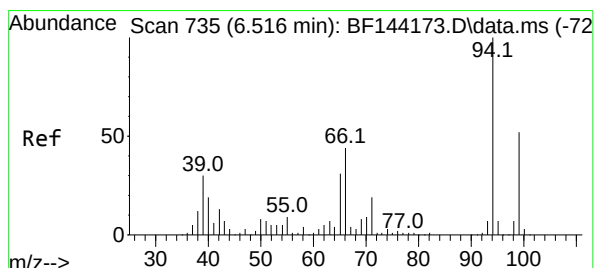
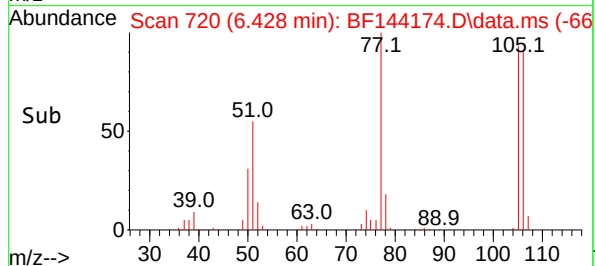
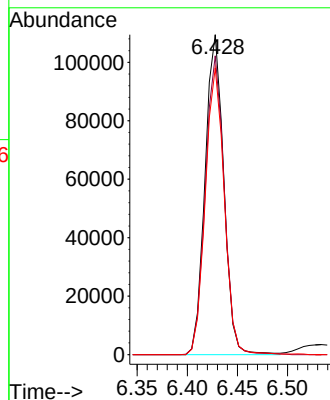
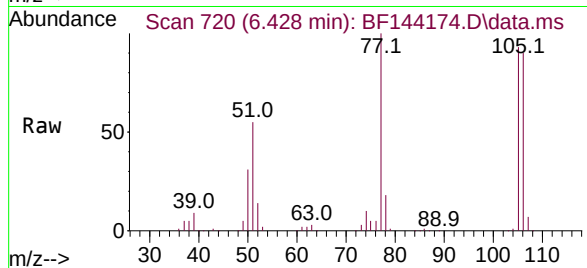
Tgt Ion: 77 Resp: 141949

Ion Ratio Lower Upper

77 100

105 93.4 77.2 117.2

106 89.6 72.2 112.2



#10

Phenol

Concen: 44.146 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

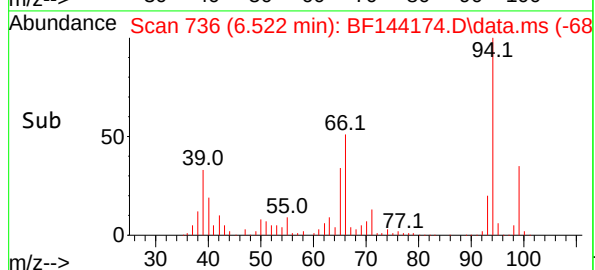
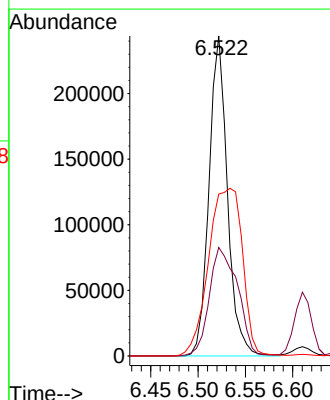
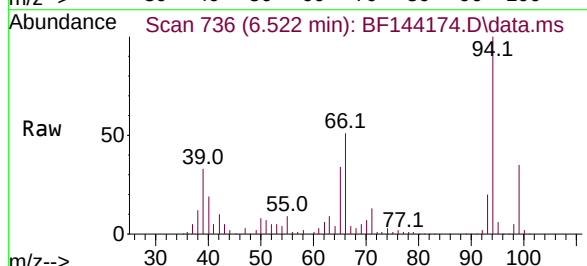
Tgt Ion: 94 Resp: 330203

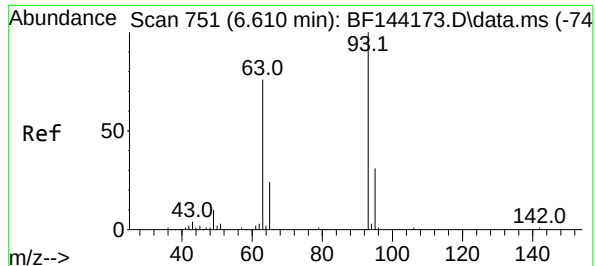
Ion Ratio Lower Upper

94 100

65 33.9 10.8 50.8

66 50.6 24.3 64.3

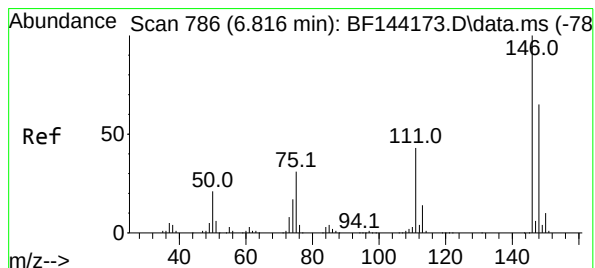
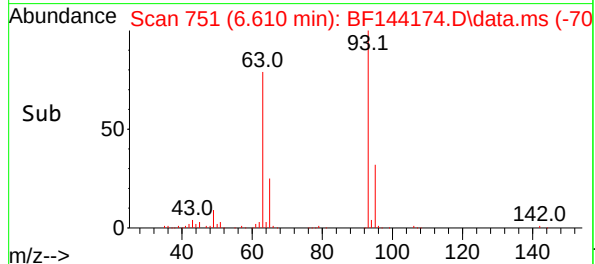
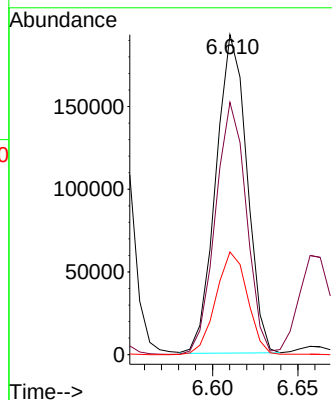
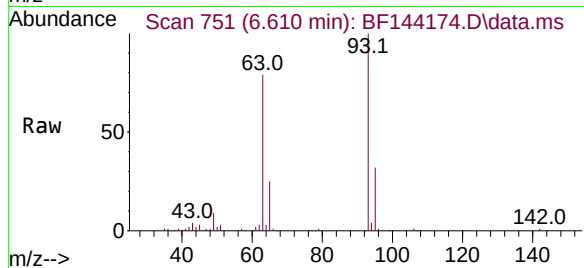




#11
bis(2-Chloroethyl)ether
Concen: 44.798 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

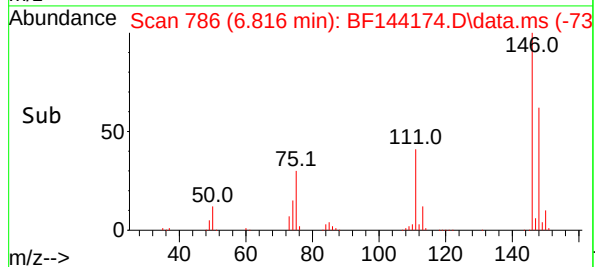
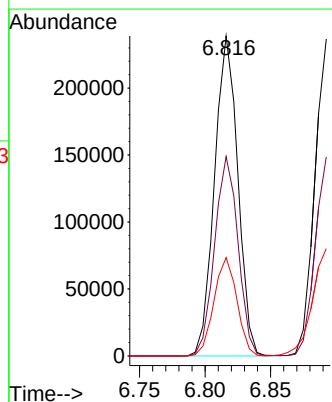
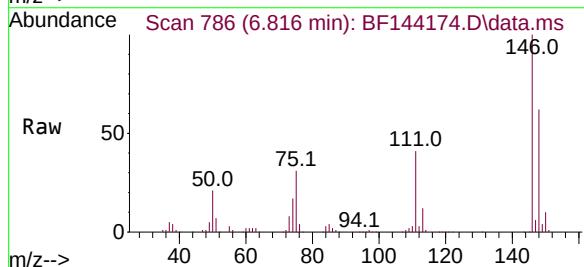
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BNA_F
ClientSampleId :
SSTDICC050

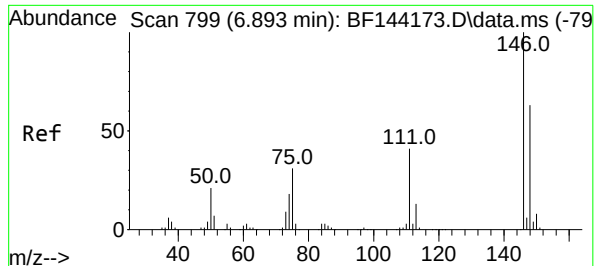
Tgt Ion: 93 Resp: 244159
Ion Ratio Lower Upper
93 100
63 78.8 55.2 95.2
95 32.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 45.164 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 146 Resp: 295294
Ion Ratio Lower Upper
146 100
148 62.3 51.8 77.8
75 30.7 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 44.277 ng

RT: 6.892 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

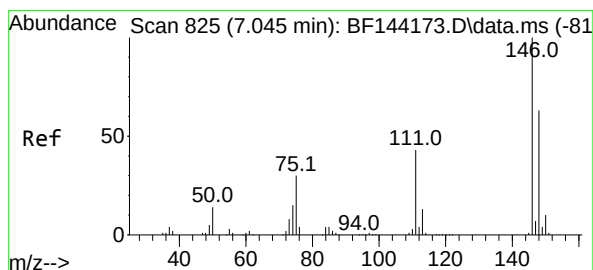
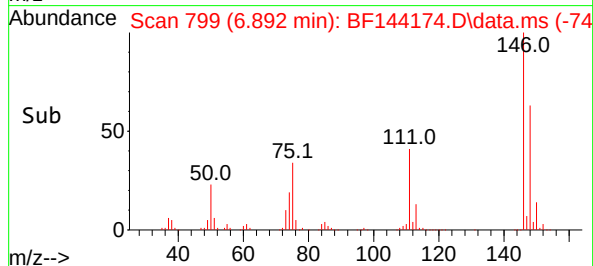
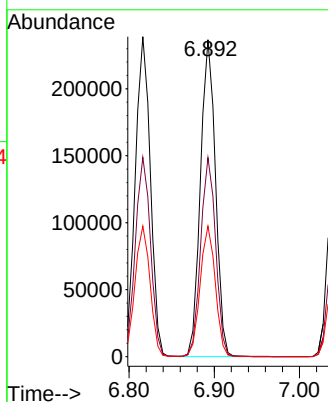
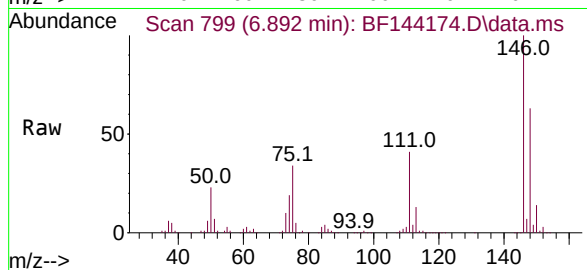
Tgt Ion:146 Resp: 290027

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

111 41.2 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 44.609 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

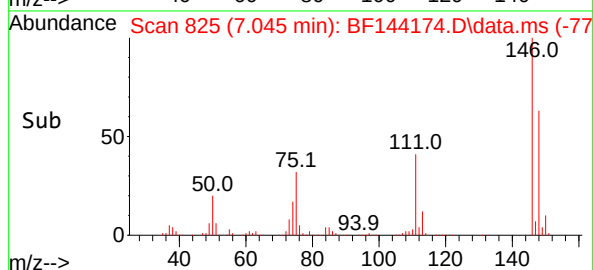
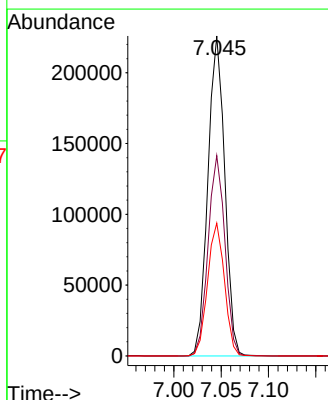
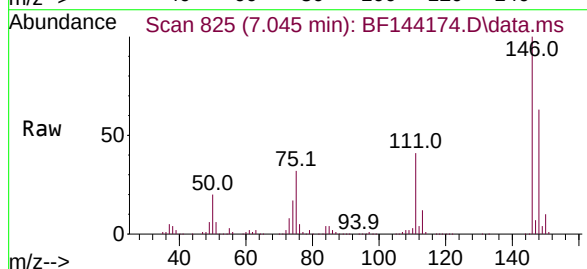
Tgt Ion:146 Resp: 280070

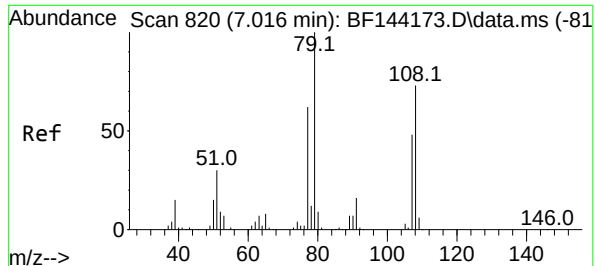
Ion Ratio Lower Upper

146 100

148 62.6 50.7 76.1

111 41.5 34.2 51.4

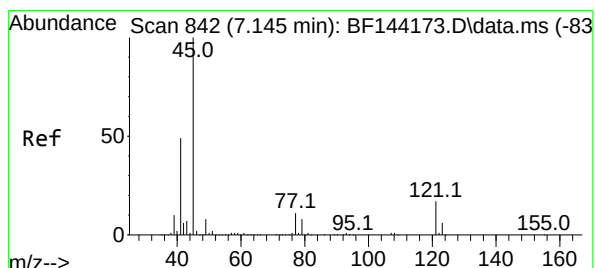
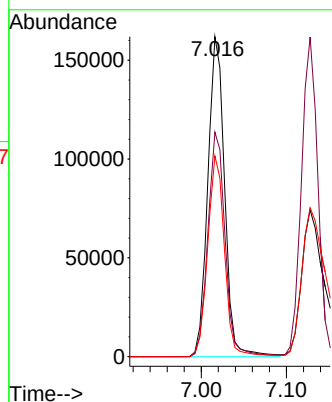
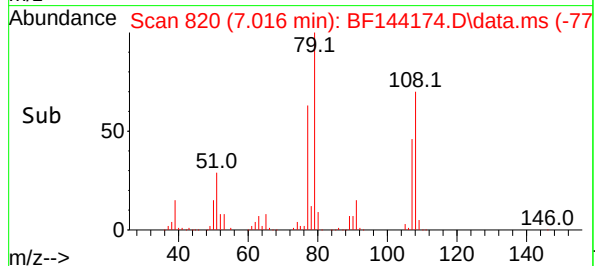
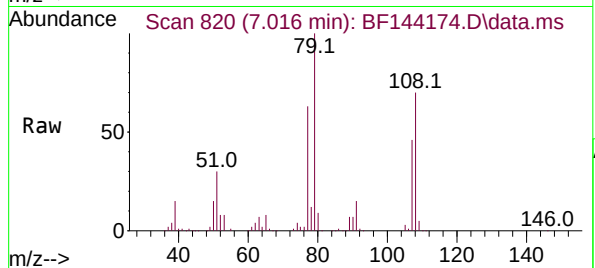




#15
Benzyl Alcohol
Concen: 45.762 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

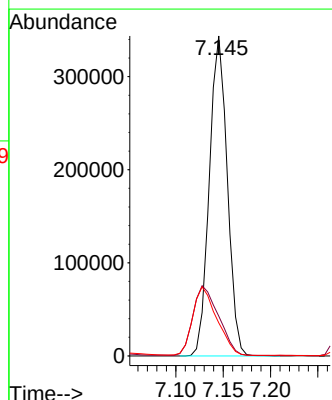
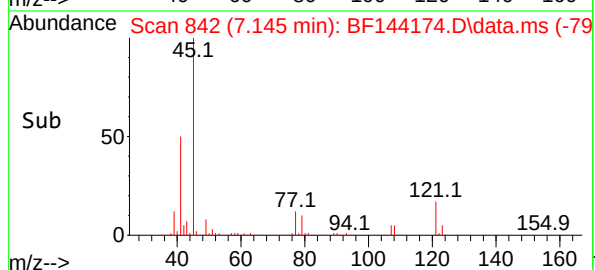
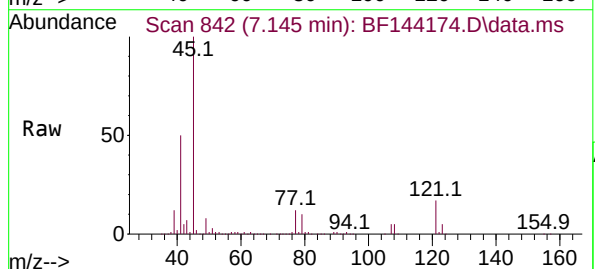
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

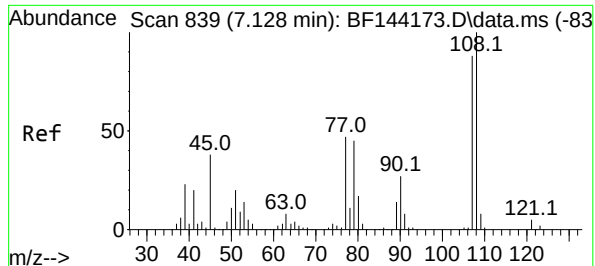
Tgt Ion: 79 Resp: 221836
Ion Ratio Lower Upper
79 100
108 70.1 58.2 87.4
77 62.7 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.212 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 45 Resp: 453774
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.8
79 10.3 0.0 29.1

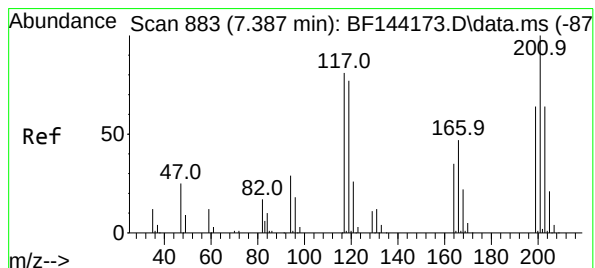
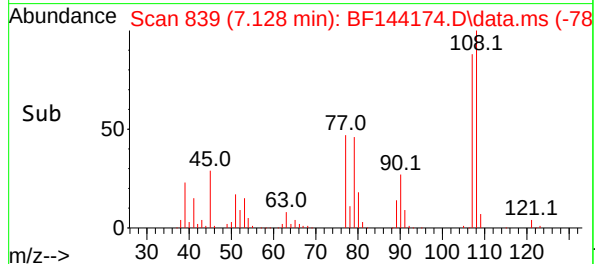
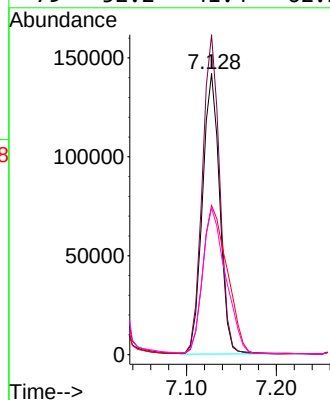
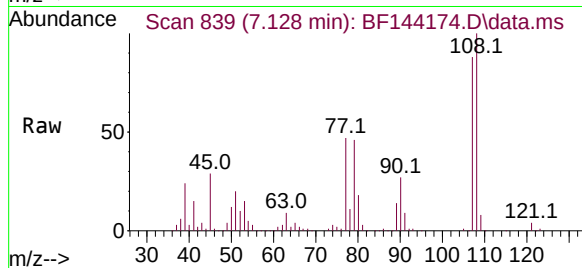




#17
2-Methylphenol
Concen: 44.899 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

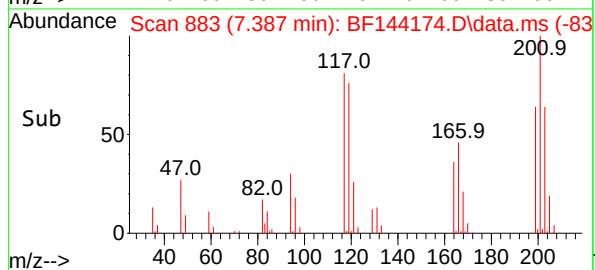
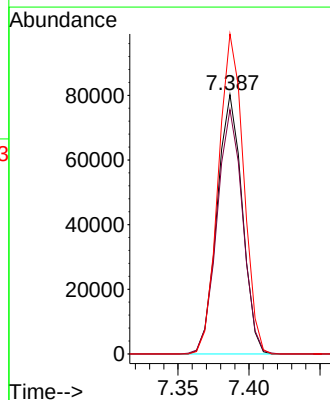
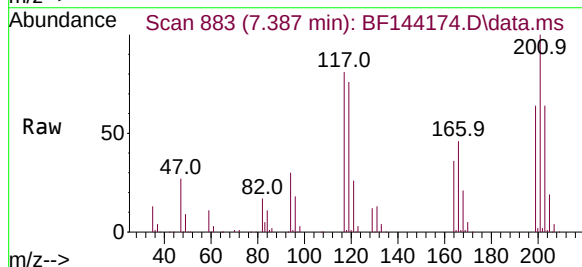
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

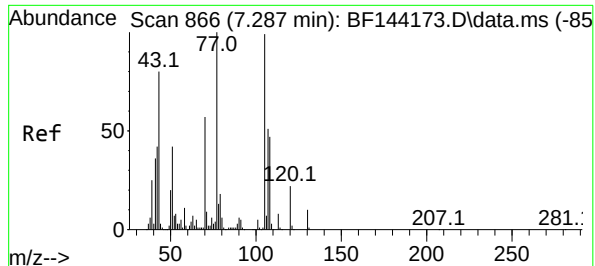
Tgt Ion:	107	Resp:	189260
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.0	136.4
77	53.1	42.7	64.1
79	52.2	41.4	62.2



#18
Hexachloroethane
Concen: 45.346 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:	117	Resp:	98682
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
201	123.4	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 42.657 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 171911

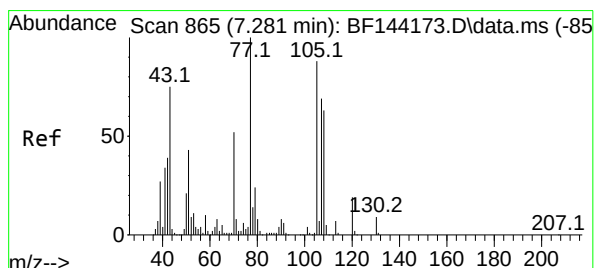
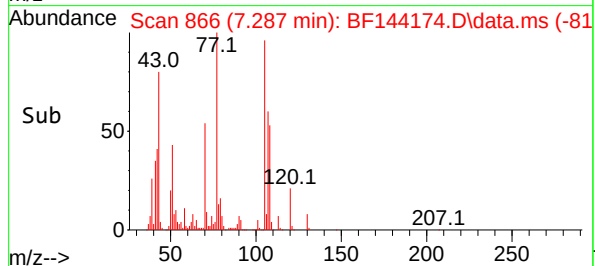
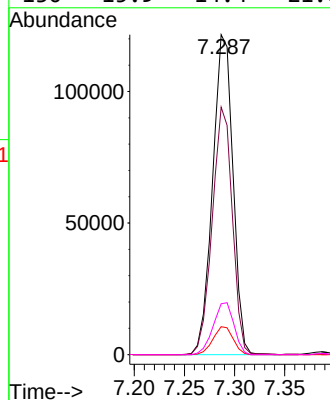
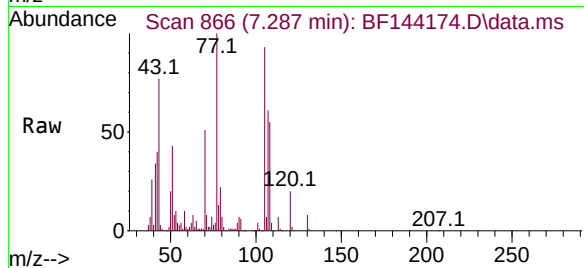
Ion Ratio Lower Upper

70 100

42 77.3 58.3 87.5

101 8.7 7.0 10.6

130 15.9 14.4 21.6



#20

3+4-Methylphenols

Concen: 43.819 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion: 107 Resp: 217734

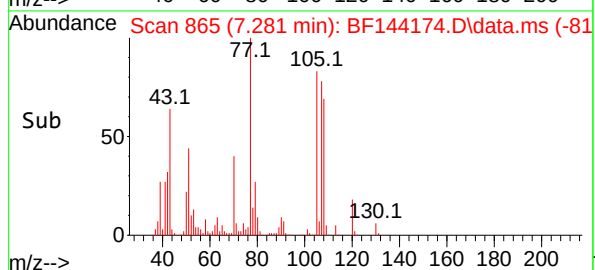
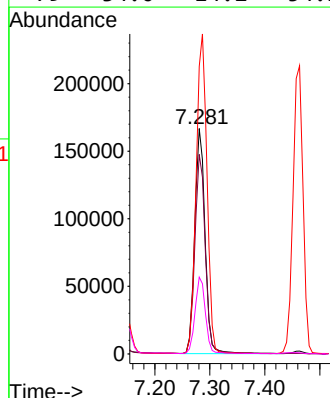
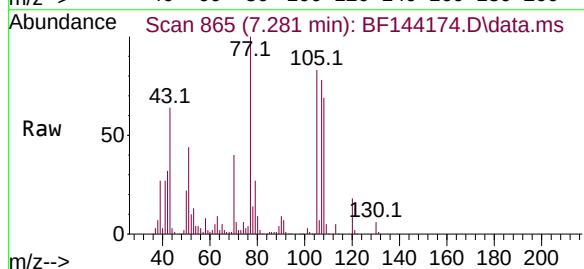
Ion Ratio Lower Upper

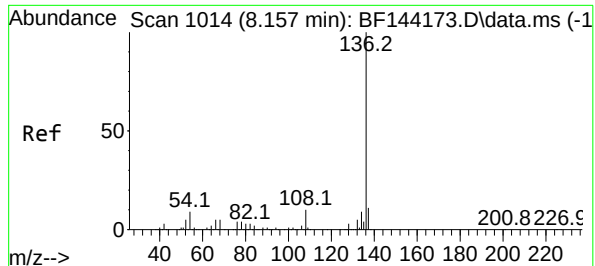
107 100

108 88.5 70.2 110.2

77 127.5 123.9 163.9

79 34.0 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 313425

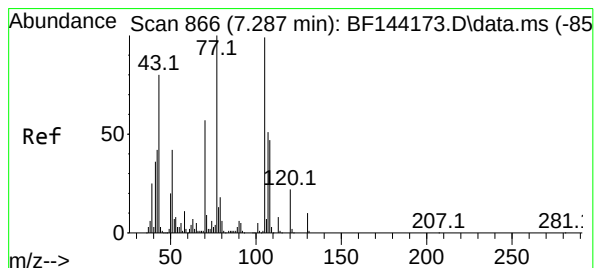
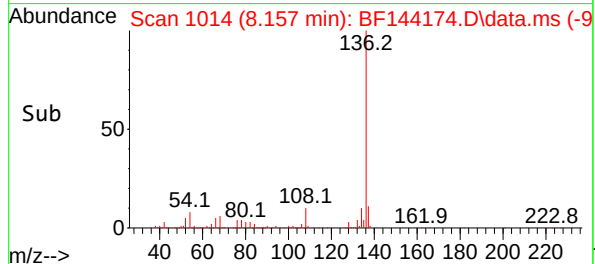
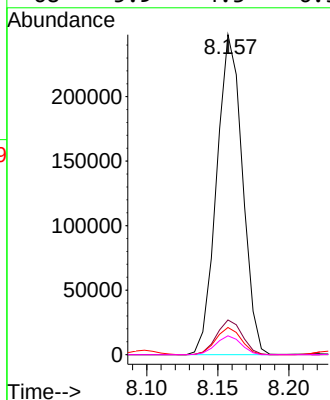
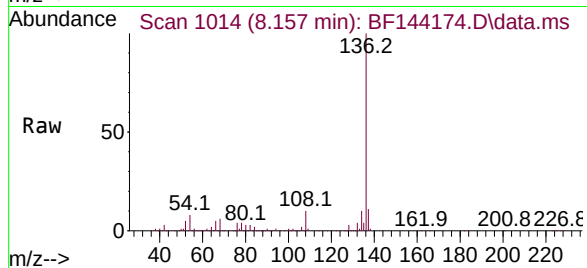
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.5 7.0 10.6

68 5.9 4.3 6.5



#22

Acetophenone

Concen: 44.230 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:105 Resp: 297391

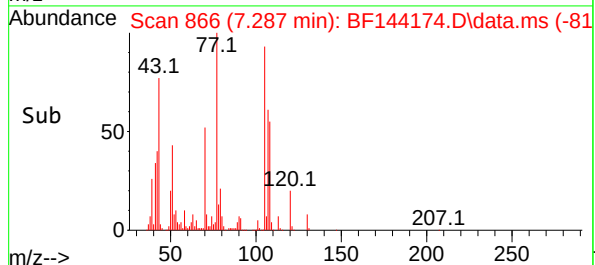
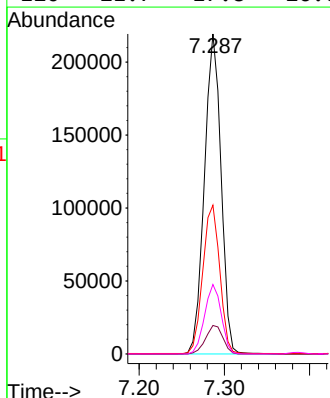
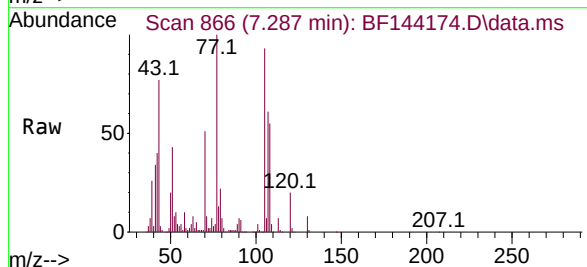
Ion Ratio Lower Upper

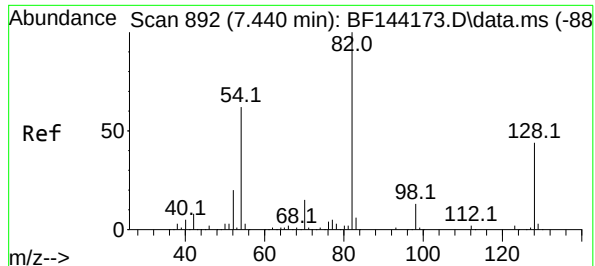
105 100

71 8.9 7.2 10.8

51 46.5 34.0 51.0

120 21.7 17.8 26.6





#23

Nitrobenzene-d5

Concen: 92.595 ng

RT: 7.439 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

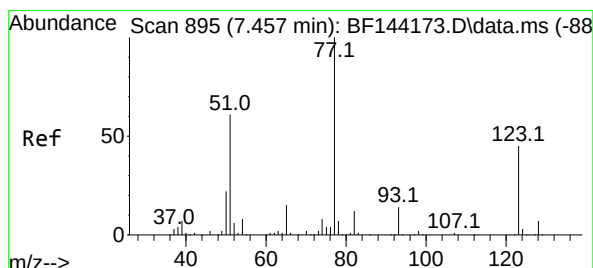
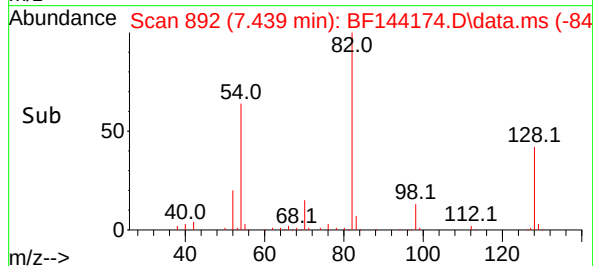
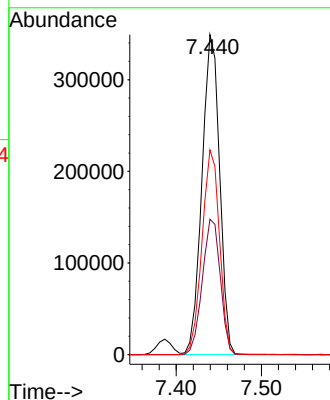
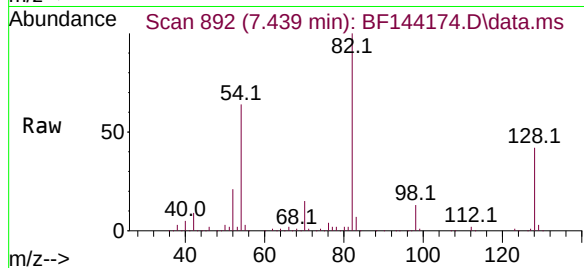
Tgt Ion: 82 Resp: 502493

Ion Ratio Lower Upper

82 100

128 42.3 34.7 52.1

54 64.0 49.5 74.3



#24

Nitrobenzene

Concen: 45.541 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

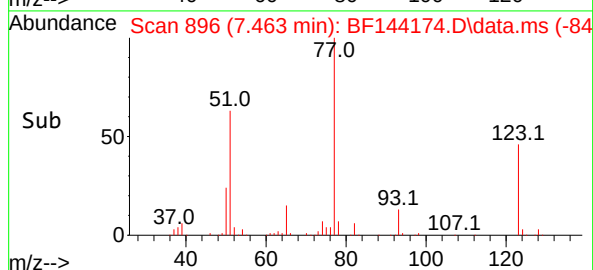
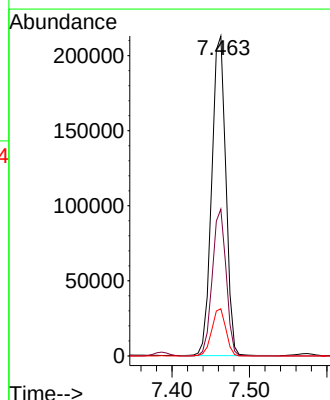
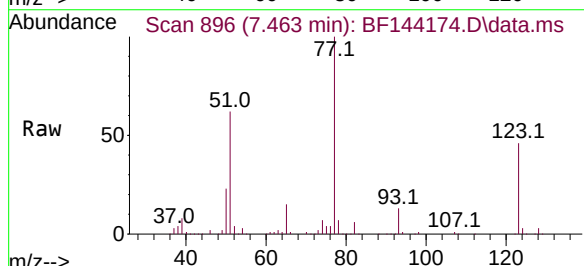
Tgt Ion: 77 Resp: 268336

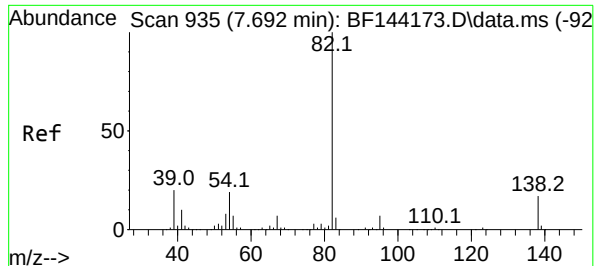
Ion Ratio Lower Upper

77 100

123 45.9 35.8 53.8

65 14.7 12.2 18.2





#25

Isophorone

Concen: 44.376 ng

RT: 7.698 min Scan# 935

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

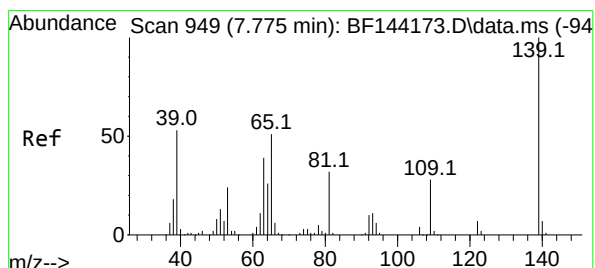
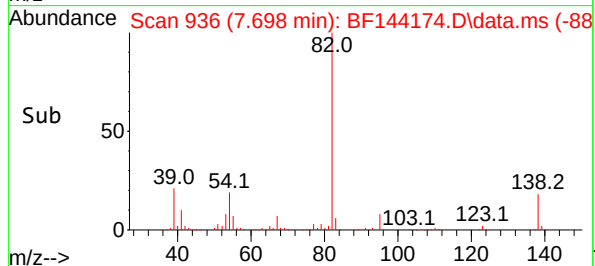
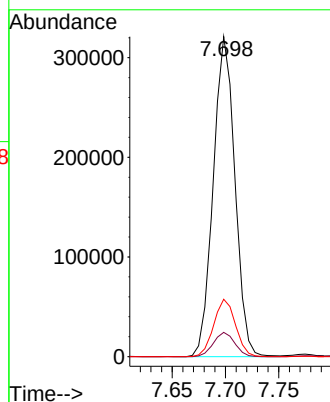
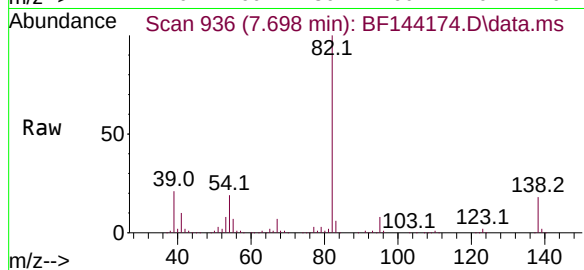
Tgt Ion: 82 Resp: 455511

Ion Ratio Lower Upper

82 100

95 7.6 5.5 8.3

138 17.9 13.7 20.5



#26

2-Nitrophenol

Concen: 46.747 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

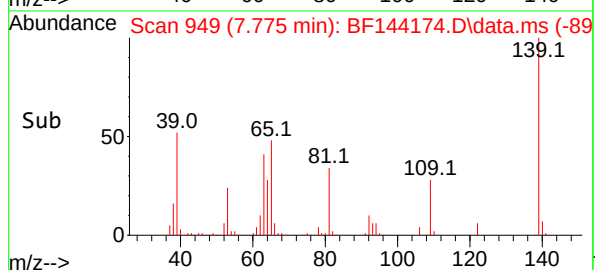
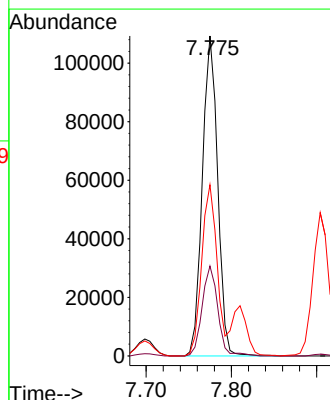
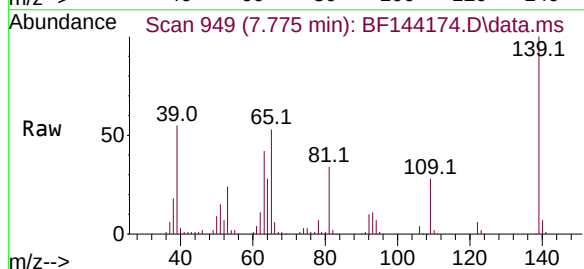
Tgt Ion:139 Resp: 136351

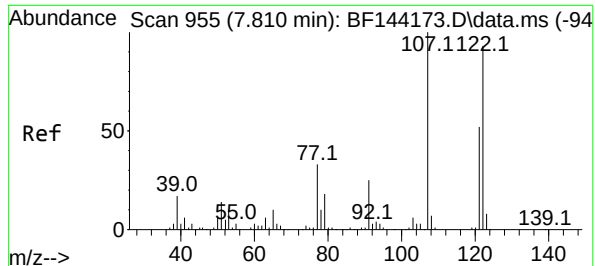
Ion Ratio Lower Upper

139 100

109 28.1 22.2 33.2

65 53.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 46.681 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

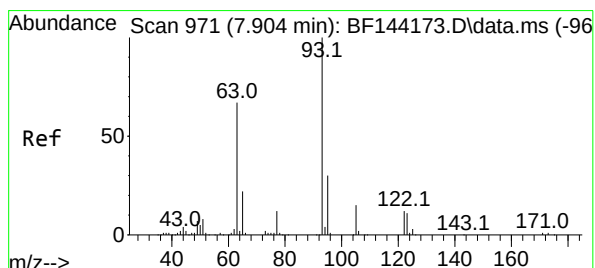
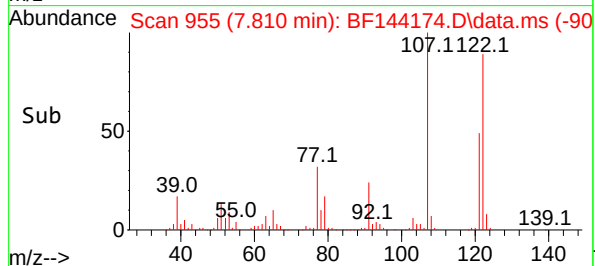
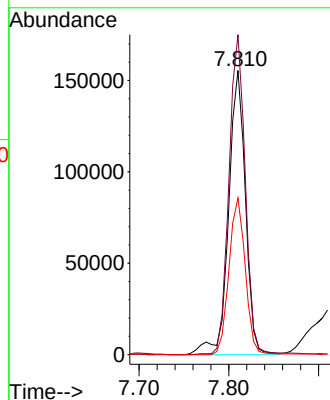
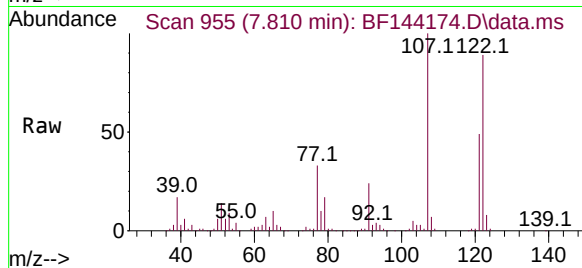
Tgt Ion:122 Resp: 204079

Ion Ratio Lower Upper

122 100

107 112.6 86.2 129.4

121 55.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.429 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

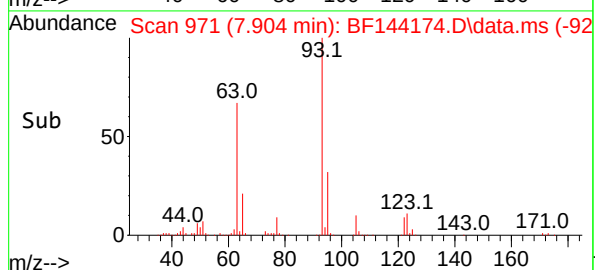
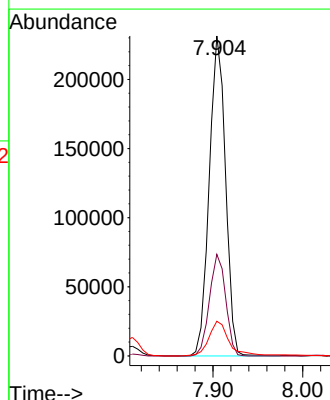
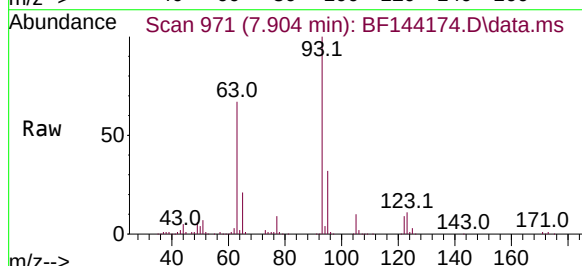
Tgt Ion: 93 Resp: 291202

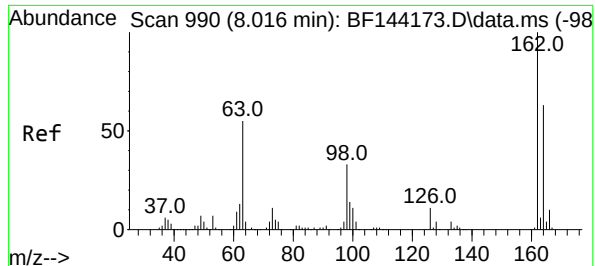
Ion Ratio Lower Upper

93 100

95 31.7 24.2 36.4

123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.001 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

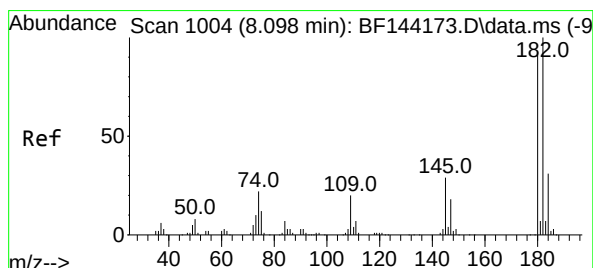
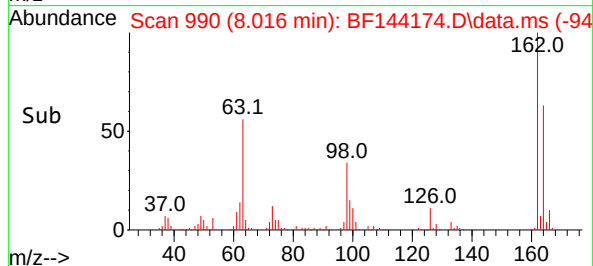
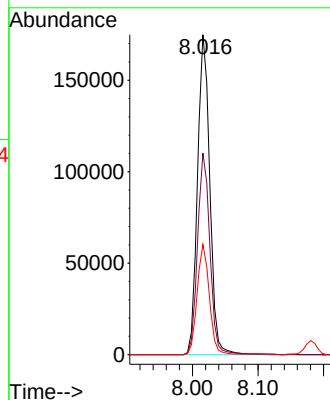
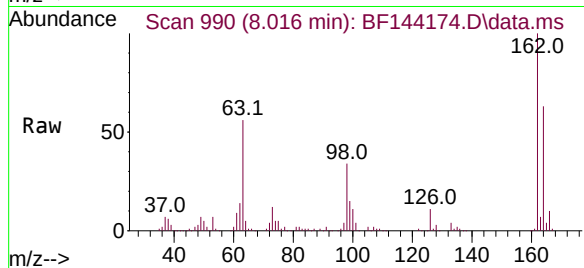
Tgt Ion:162 Resp: 226748

Ion Ratio Lower Upper

162 100

164 63.0 42.9 82.9

98 34.4 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 44.838 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

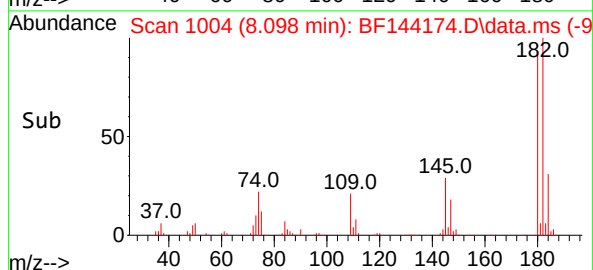
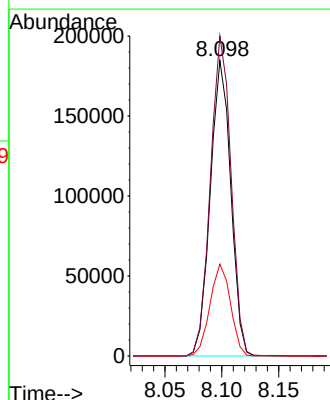
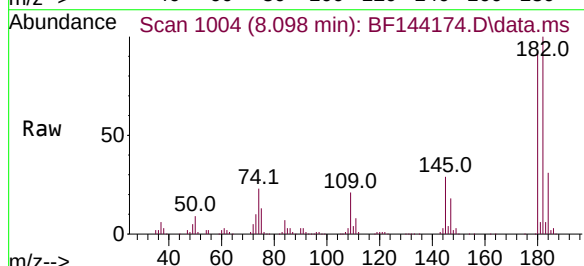
Tgt Ion:180 Resp: 231992

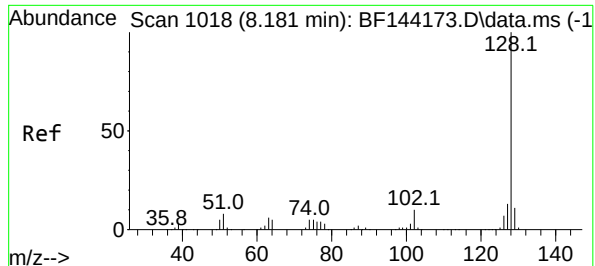
Ion Ratio Lower Upper

180 100

182 108.3 87.7 131.5

145 31.1 25.4 38.0

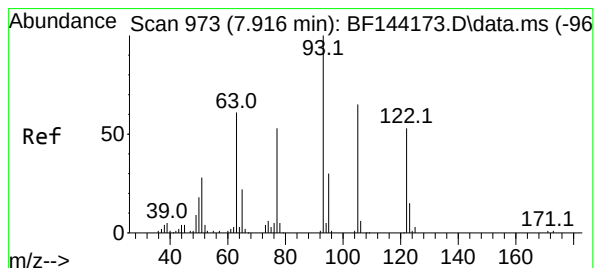
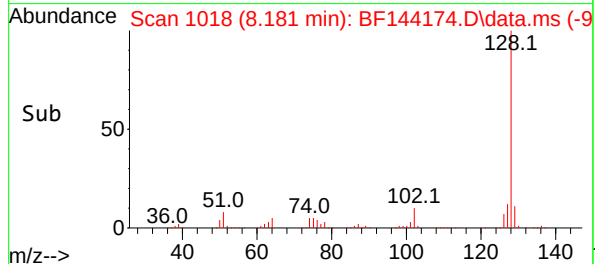
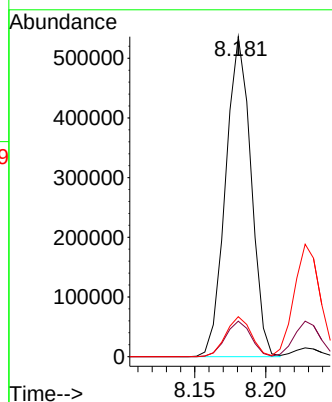
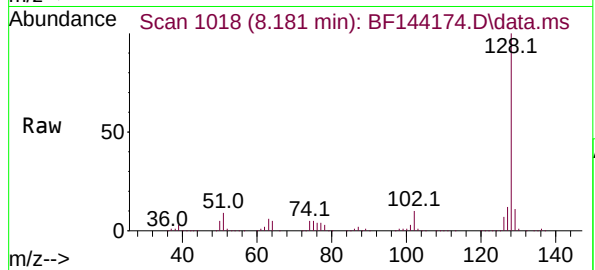




#31
Naphthalene
Concen: 44.658 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

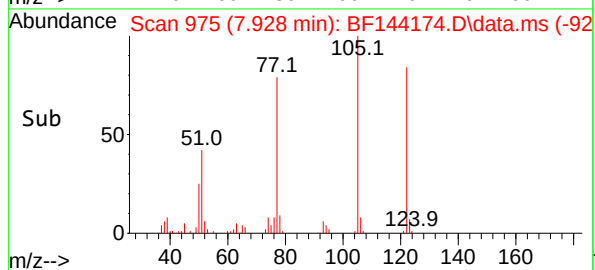
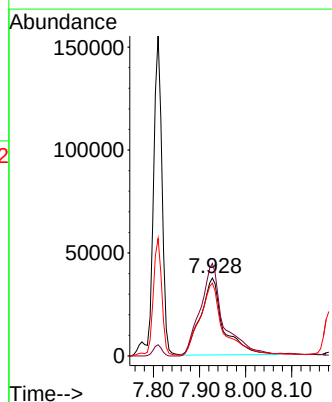
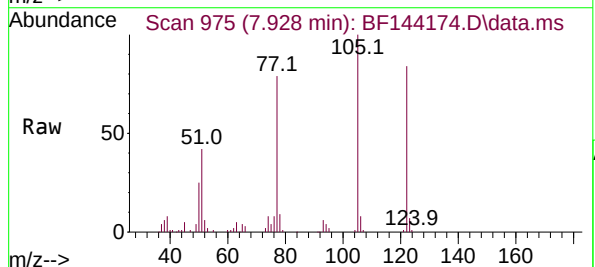
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

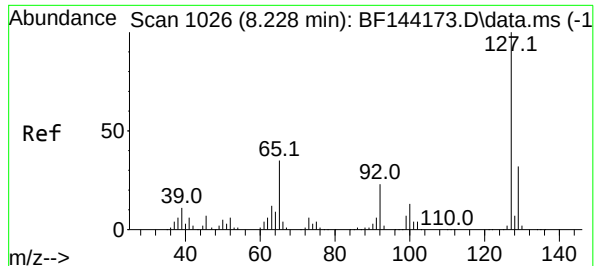
Tgt Ion:128 Resp: 665821
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.5 10.3 15.5



#32
Benzoic acid
Concen: 40.359 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.023 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:122 Resp: 129332
Ion Ratio Lower Upper
122 100
105 118.8 99.9 139.9
77 93.6 77.5 117.5





#33

4-Chloroaniline

Concen: 44.496 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 241956

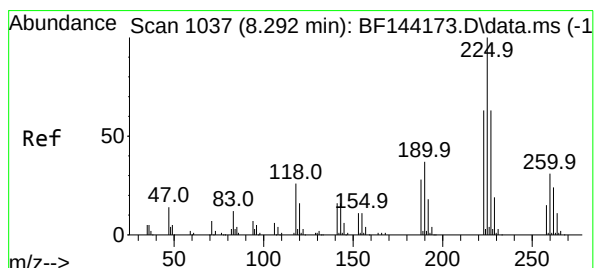
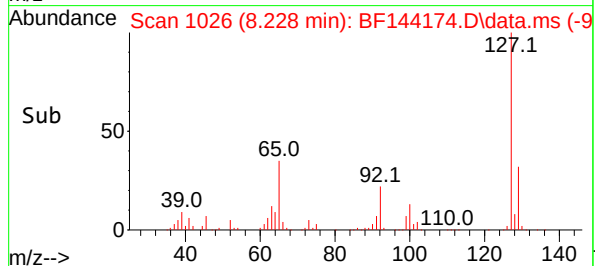
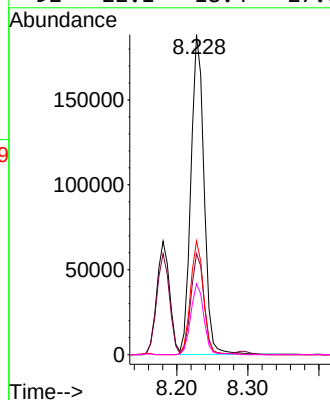
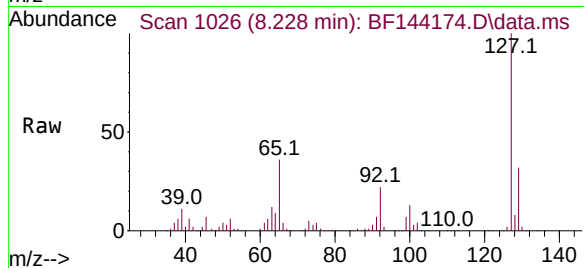
Ion Ratio Lower Upper

127 100

129 31.6 25.3 37.9

65 35.5 27.6 41.4

92 22.1 18.4 27.6



#34

Hexachlorobutadiene

Concen: 46.562 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

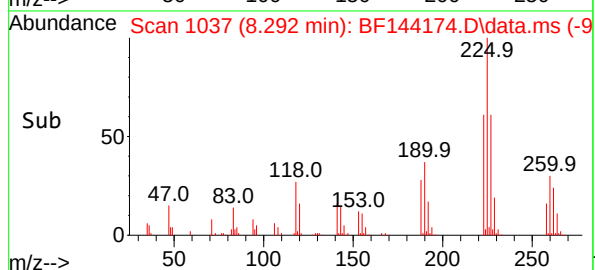
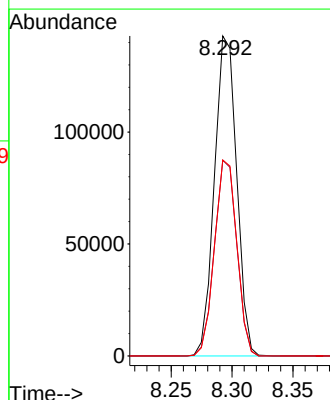
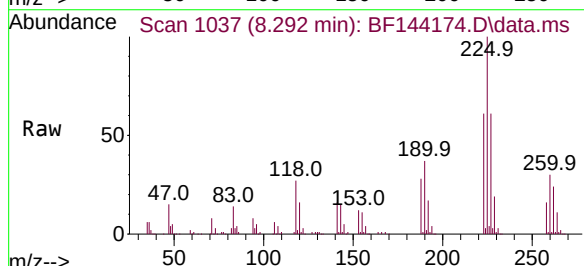
Tgt Ion:225 Resp: 181564

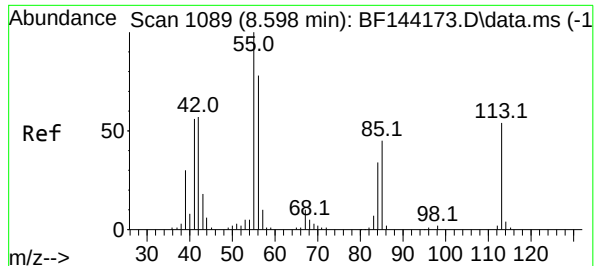
Ion Ratio Lower Upper

225 100

223 61.1 50.2 75.4

227 61.2 50.1 75.1

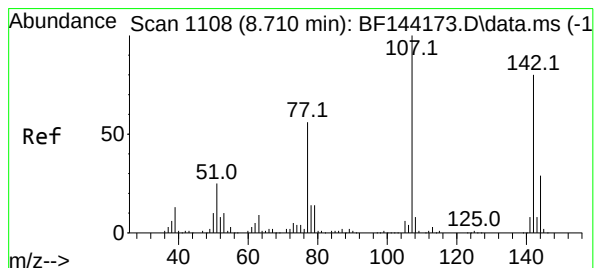
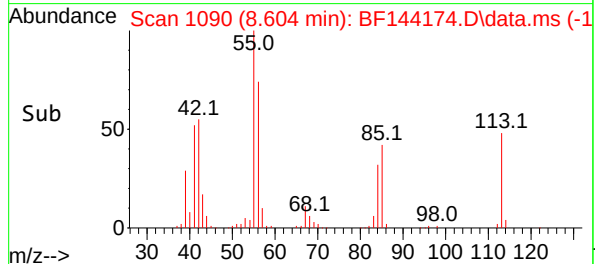
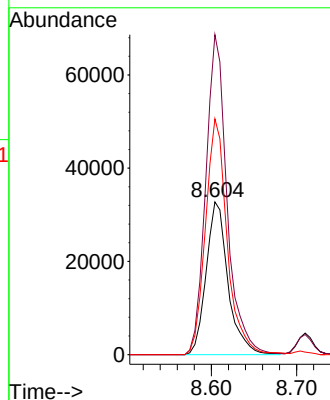
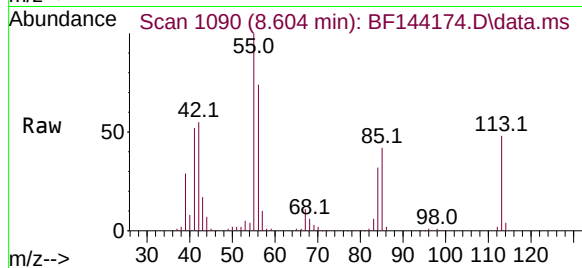




#35
Caprolactam
Concen: 42.327 ng
RT: 8.604 min Scan# 1089
Delta R.T. -0.018 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

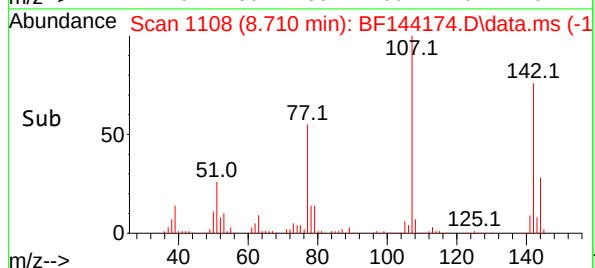
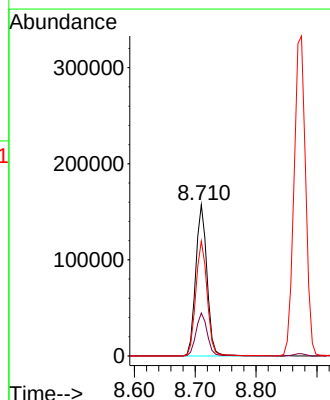
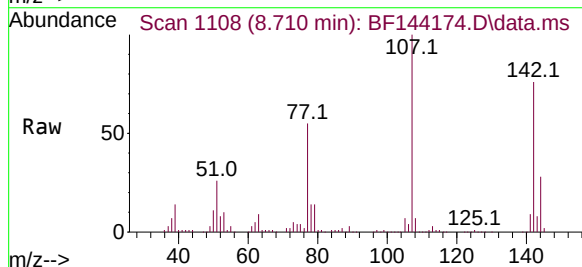
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

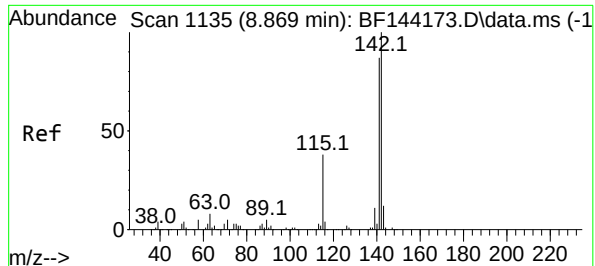
Tgt Ion	Ratio	Lower	Upper
113	100		
55	209.4	166.8	206.8#
56	154.3	125.9	165.9



#36
4-Chloro-3-methylphenol
Concen: 44.930 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.3	23.3	34.9
142	75.9	63.8	95.6





#37

2-Methylnaphthalene

Concen: 43.979 ng

RT: 8.875 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

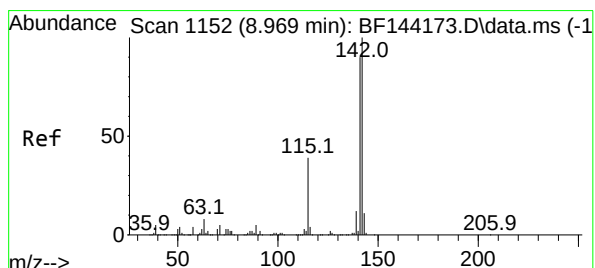
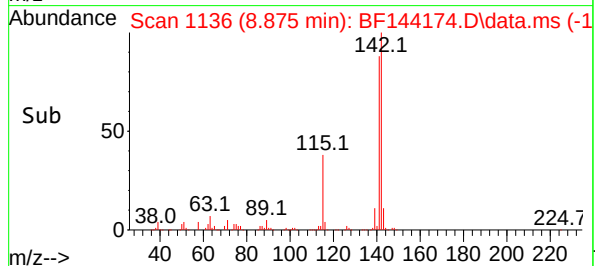
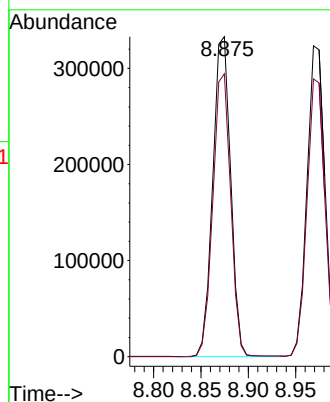
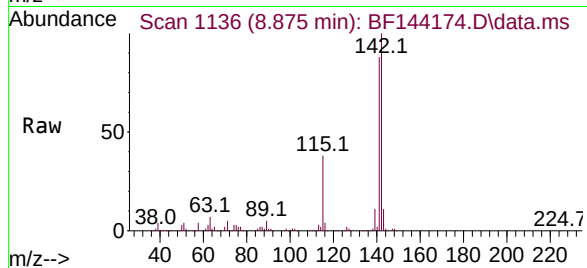
SSTDICC050

Tgt Ion:142 Resp: 438395

Ion Ratio Lower Upper

142 100

141 88.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 43.644 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144174.D

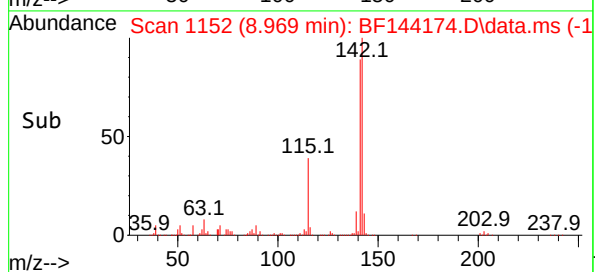
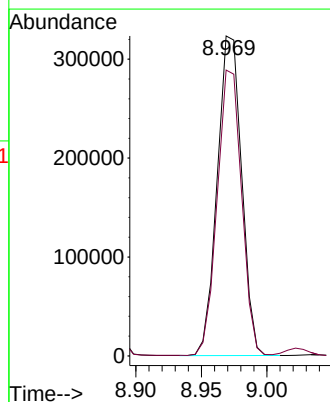
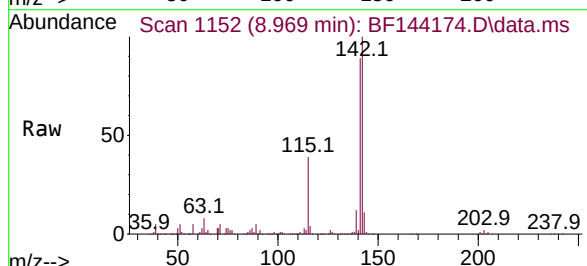
Acq: 05 Nov 2025 15:49

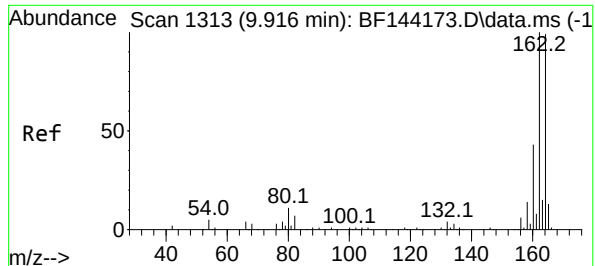
Tgt Ion:142 Resp: 419784

Ion Ratio Lower Upper

142 100

141 89.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

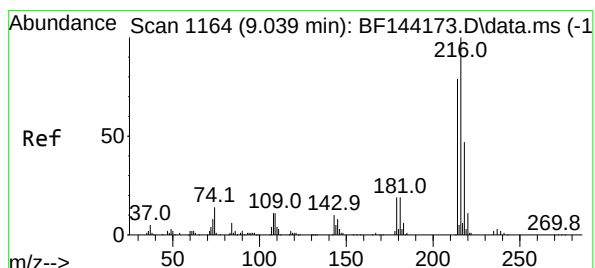
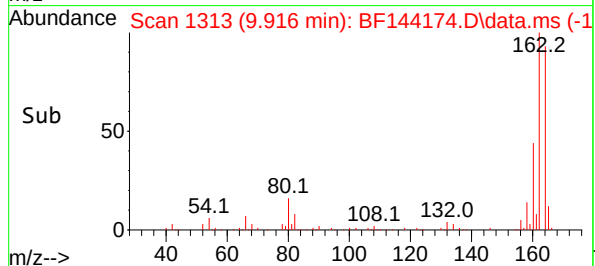
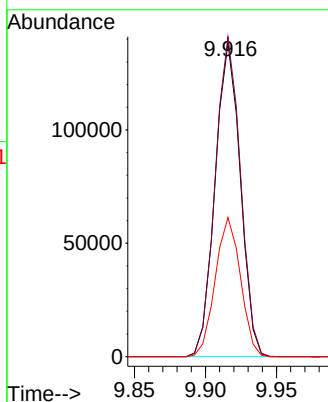
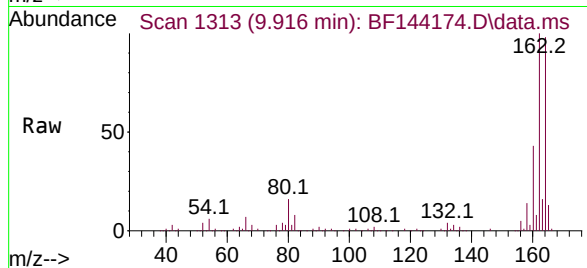
Tgt Ion:164 Resp: 170294

Ion Ratio Lower Upper

164 100

162 102.1 81.1 121.7

160 44.4 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.832 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:216 Resp: 250210

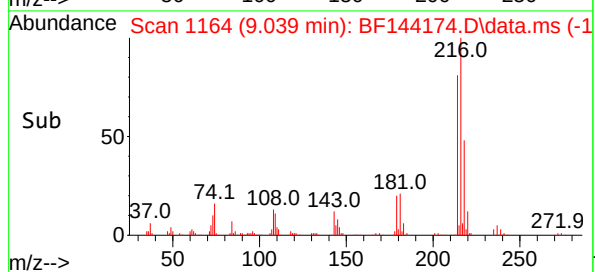
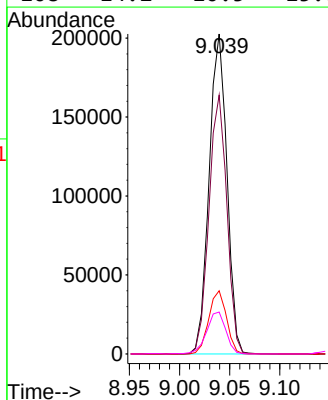
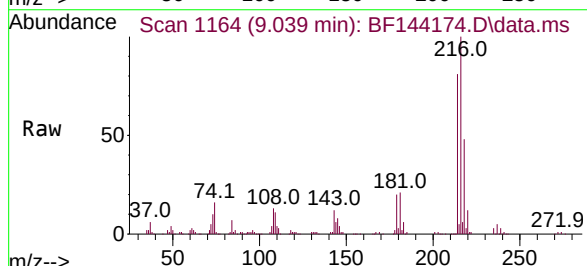
Ion Ratio Lower Upper

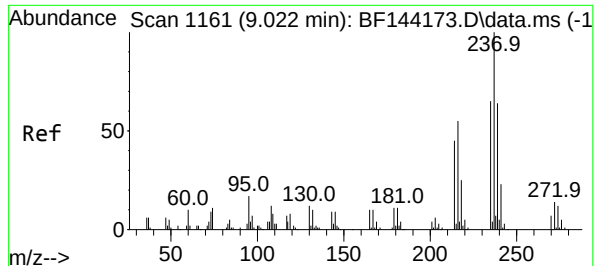
216 100

214 81.3 63.4 95.2

179 19.6 15.0 22.4

108 14.2 10.5 15.7

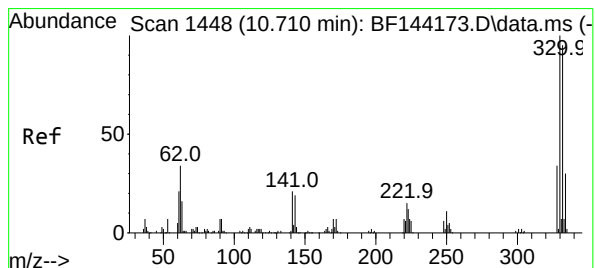
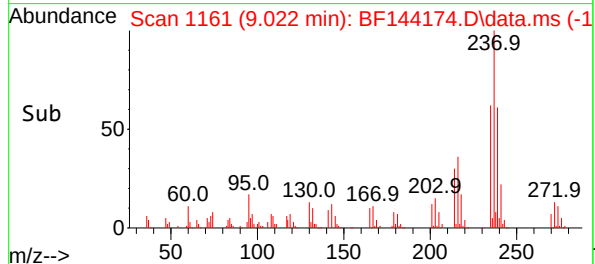
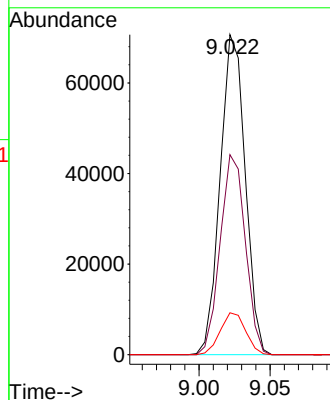
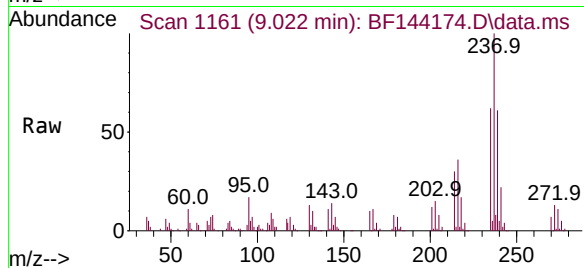




#41
Hexachlorocyclopentadiene
Concen: 48.007 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

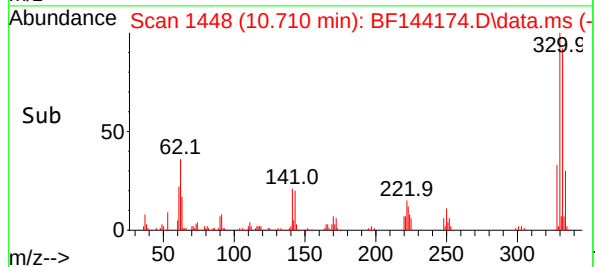
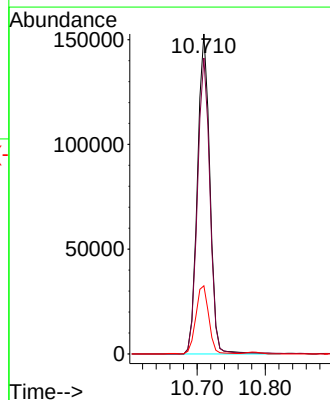
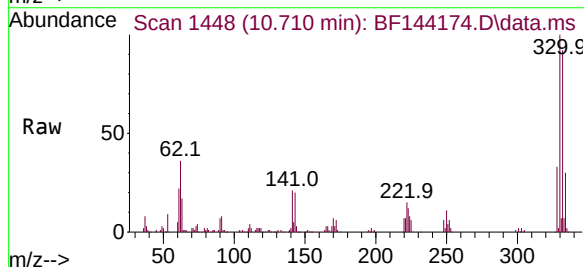
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

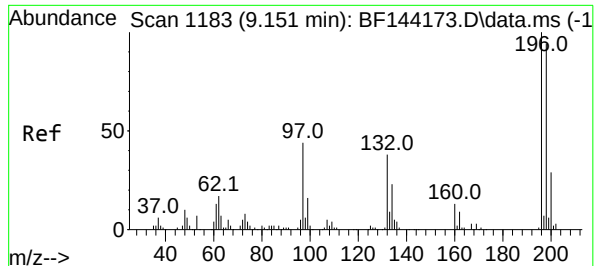
Tgt Ion:237 Resp: 86860
Ion Ratio Lower Upper
237 100
235 62.5 45.5 85.5
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 90.275 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:330 Resp: 192917
Ion Ratio Lower Upper
330 100
332 93.0 76.7 115.1
141 22.2 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 45.813 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

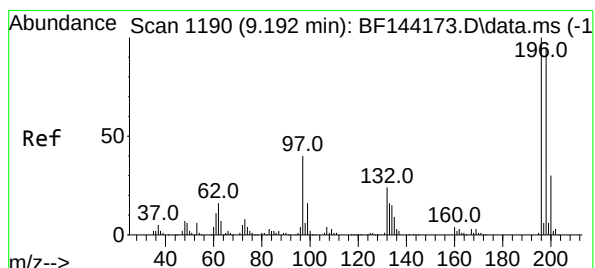
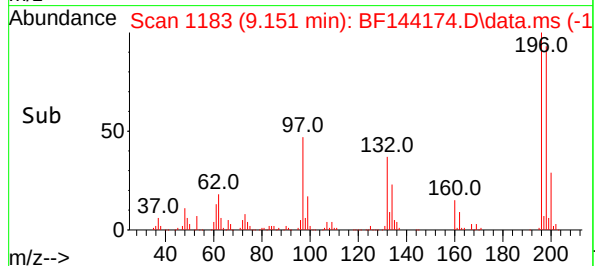
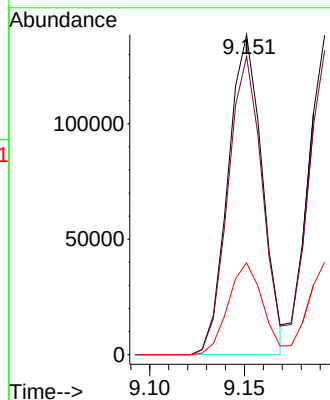
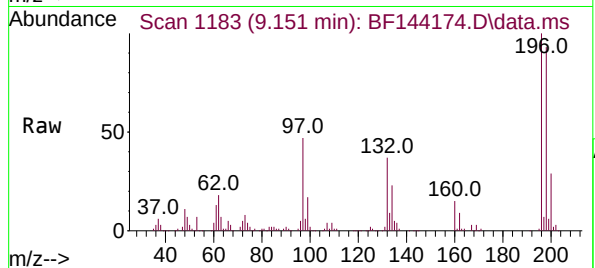
Tgt Ion:196 Resp: 174024

Ion Ratio Lower Upper

196 100

198 93.2 75.3 112.9

200 28.7 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 45.542 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:196 Resp: 186449

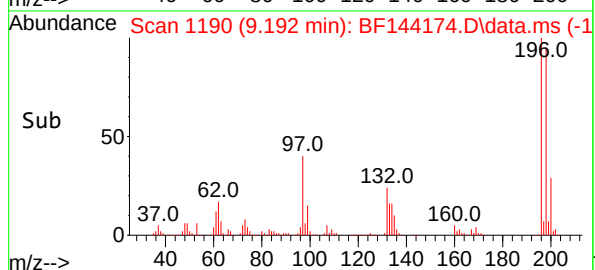
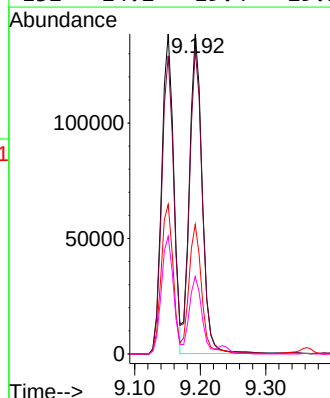
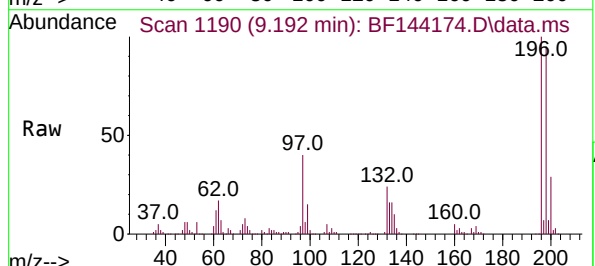
Ion Ratio Lower Upper

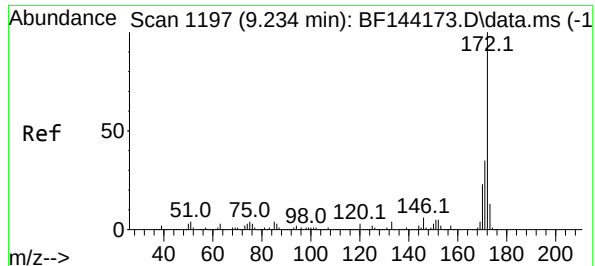
196 100

198 95.2 76.1 114.1

97 40.5 31.9 47.9

132 24.2 19.4 29.2

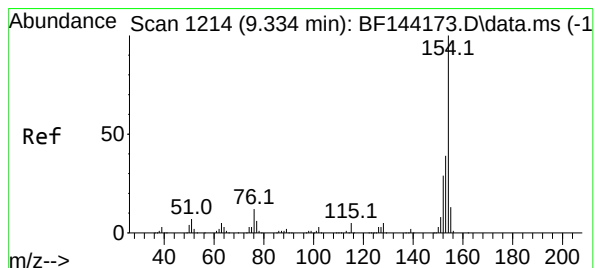
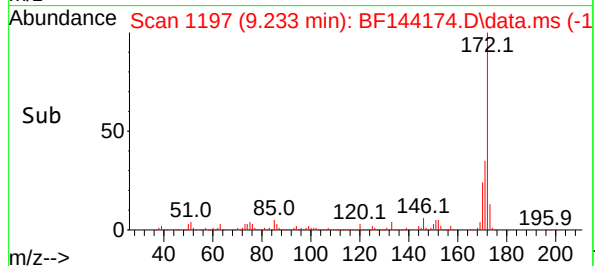
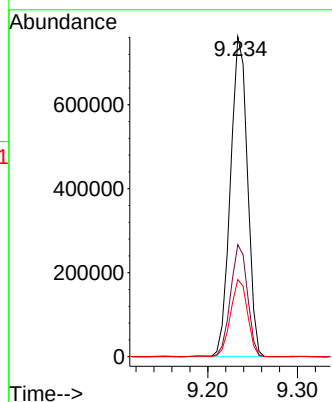
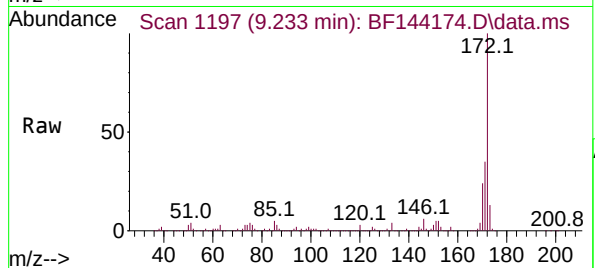




#45
2-Fluorobiphenyl
Concen: 86.941 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

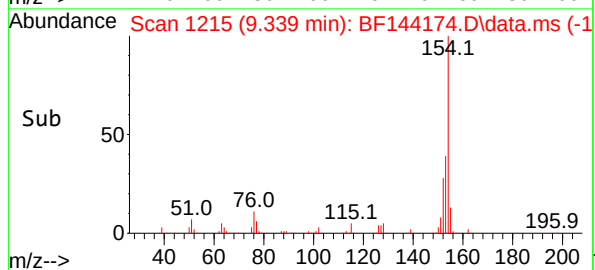
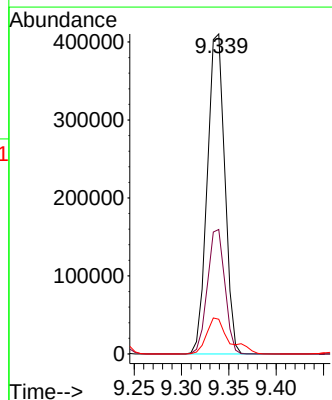
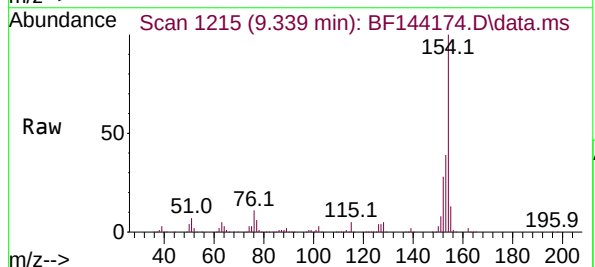
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

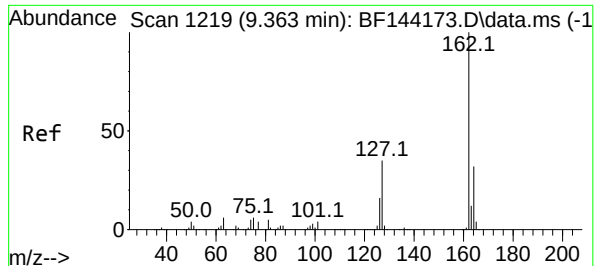
Tgt Ion:172 Resp: 1002454
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 24.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 44.371 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:154 Resp: 527437
Ion Ratio Lower Upper
154 100
153 38.9 19.2 59.2
76 10.9 0.0 31.8





#47

2-Chloronaphthalene

Concen: 44.851 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

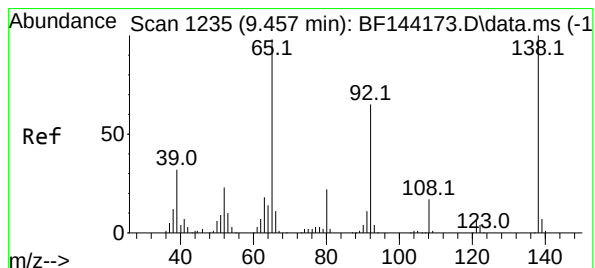
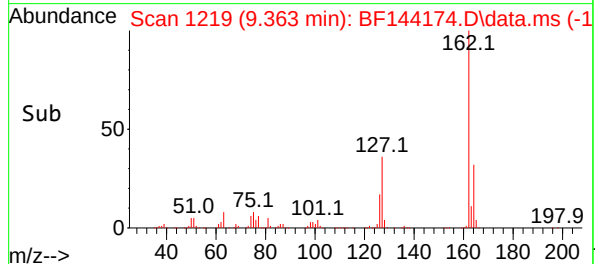
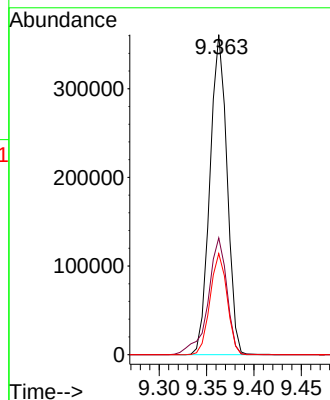
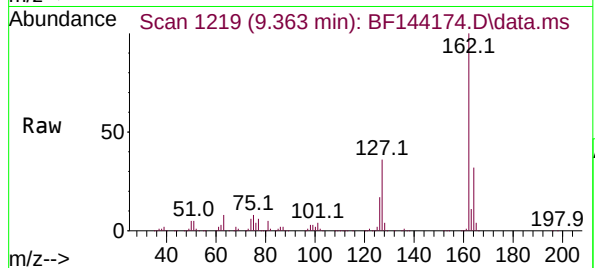
Tgt Ion:162 Resp: 454778

Ion Ratio Lower Upper

162 100

127 36.5 28.8 43.2

164 31.6 25.8 38.8



#48

2-Nitroaniline

Concen: 47.458 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

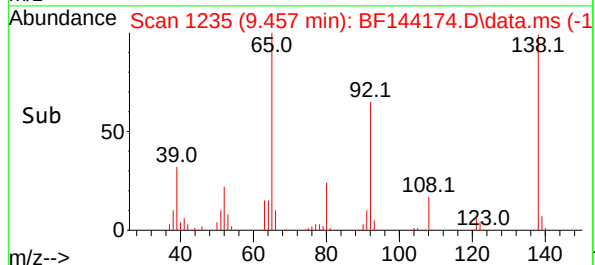
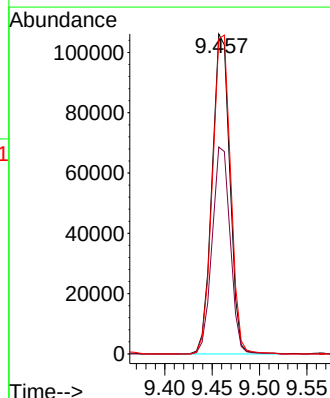
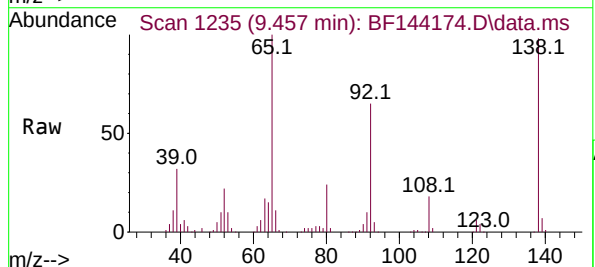
Tgt Ion: 65 Resp: 138845

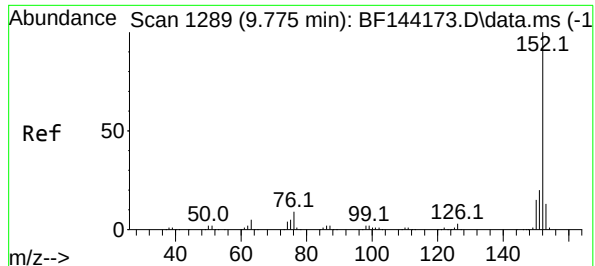
Ion Ratio Lower Upper

65 100

92 64.6 53.0 79.6

138 98.5 81.6 122.4





#49

Acenaphthylene

Concen: 44.368 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

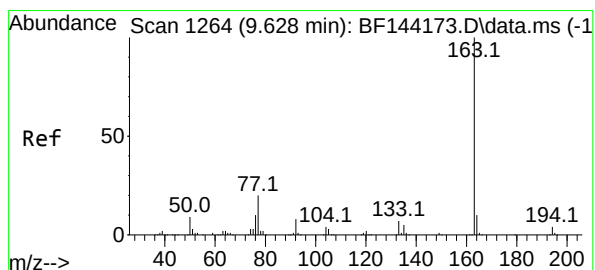
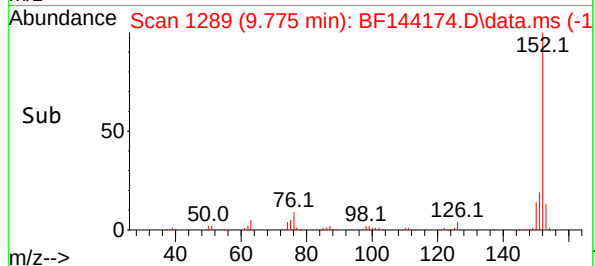
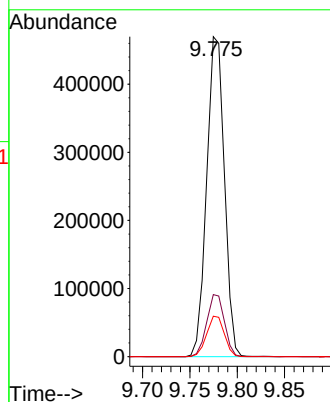
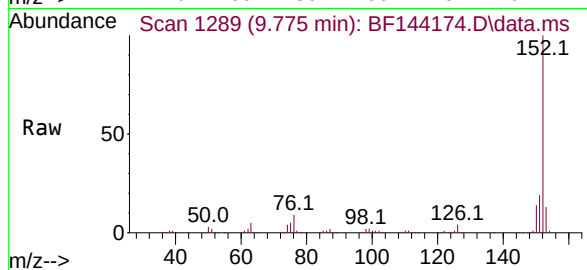
Tgt Ion:152 Resp: 613066

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

Concen: 44.094 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

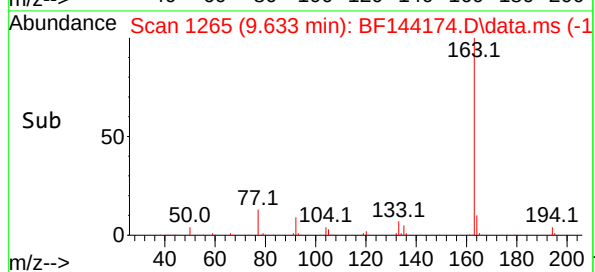
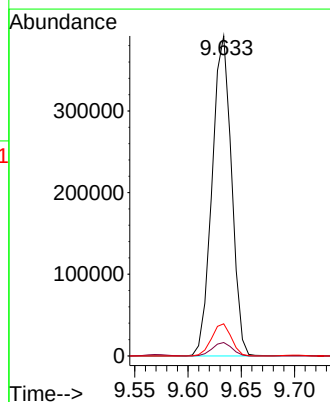
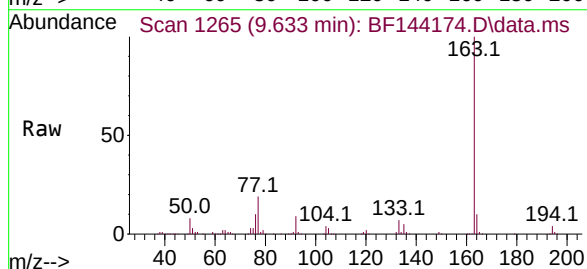
Tgt Ion:163 Resp: 497451

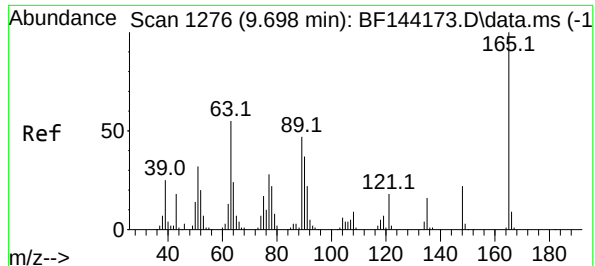
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.892 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

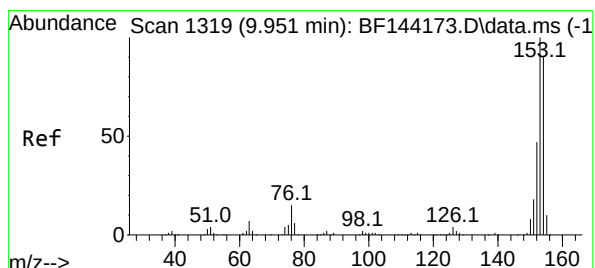
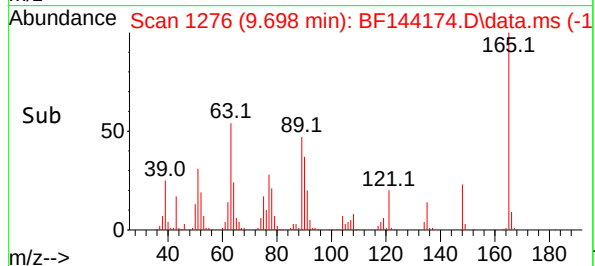
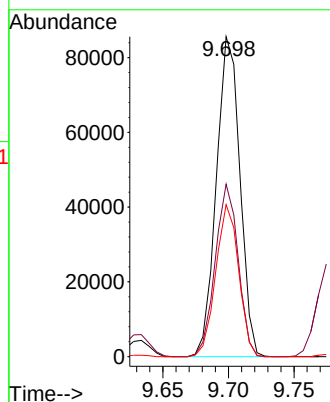
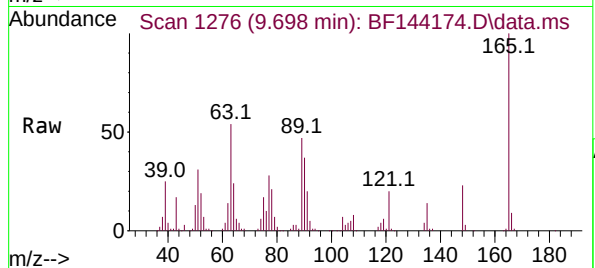
Tgt Ion:165 Resp: 107091

Ion Ratio Lower Upper

165 100

63 53.9 43.8 65.8

89 47.5 37.5 56.3



#52

Acenaphthene

Concen: 44.067 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

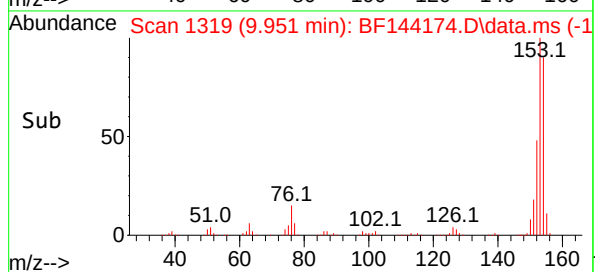
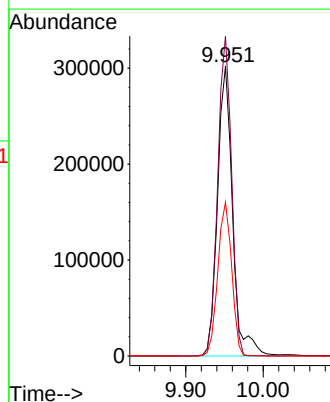
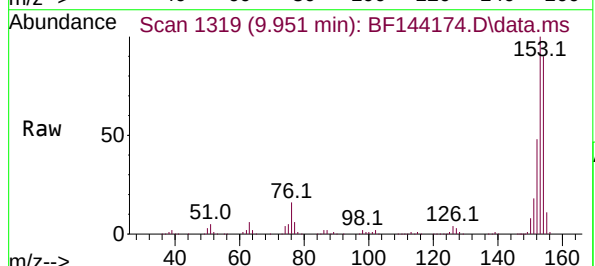
Tgt Ion:154 Resp: 407187

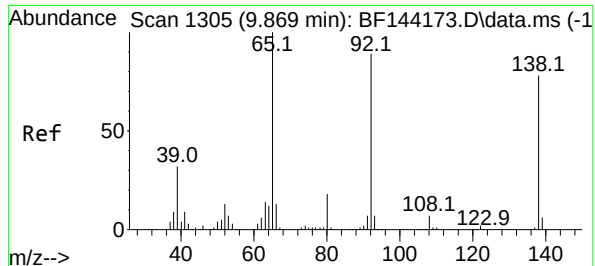
Ion Ratio Lower Upper

154 100

153 110.5 89.0 133.4

152 53.1 42.2 63.4





#53

3-Nitroaniline

Concen: 45.012 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

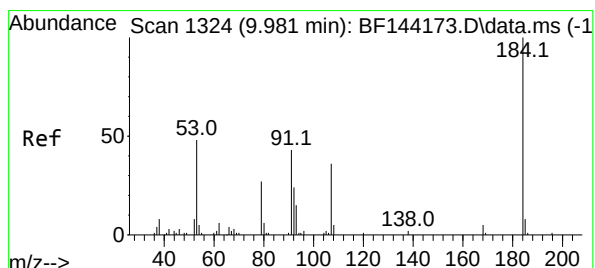
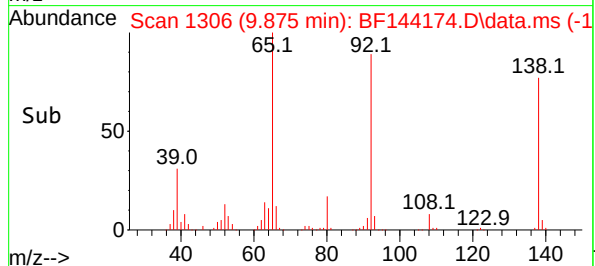
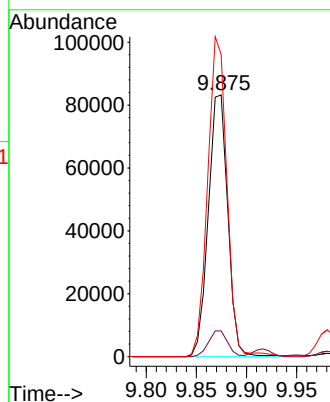
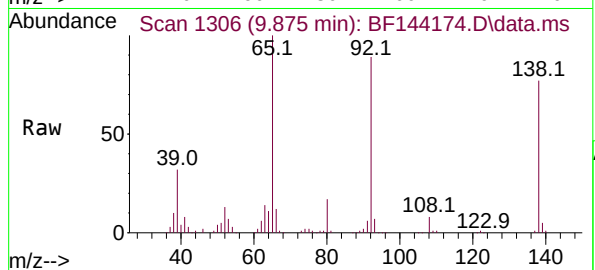
Tgt Ion:138 Resp: 112371

Ion Ratio Lower Upper

138 100

108 9.8 7.5 11.3

92 115.4 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 41.007 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

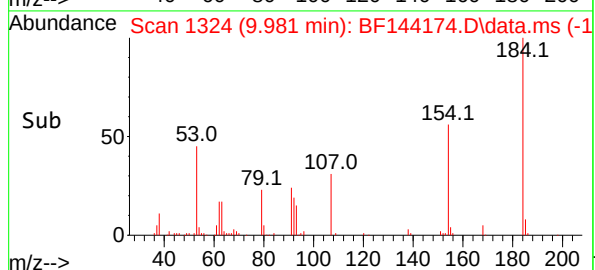
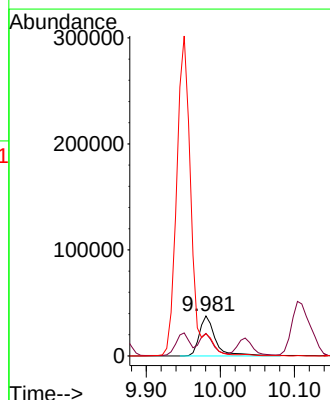
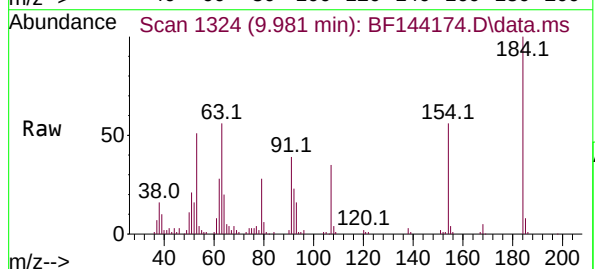
Tgt Ion:184 Resp: 56551

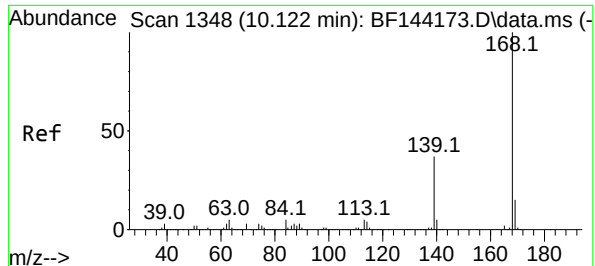
Ion Ratio Lower Upper

184 100

63 56.3 44.0 66.0

154 55.5 42.4 63.6





#55

Dibenzofuran

Concen: 43.989 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

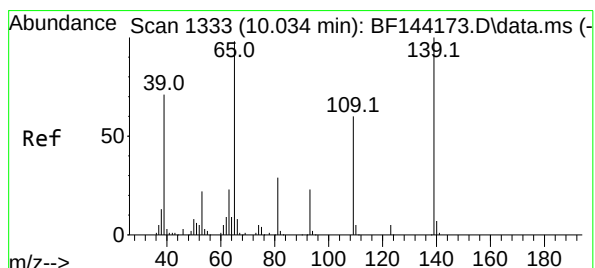
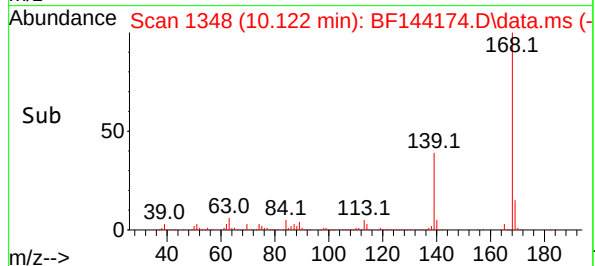
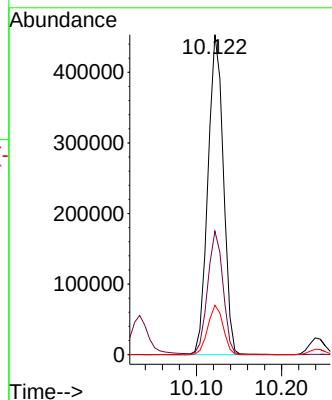
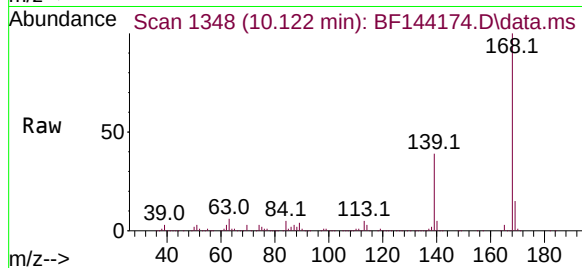
Tgt Ion:168 Resp: 569268

Ion Ratio Lower Upper

168 100

139 38.6 30.2 45.2

169 15.4 12.2 18.4



#56

4-Nitrophenol

Concen: 43.544 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

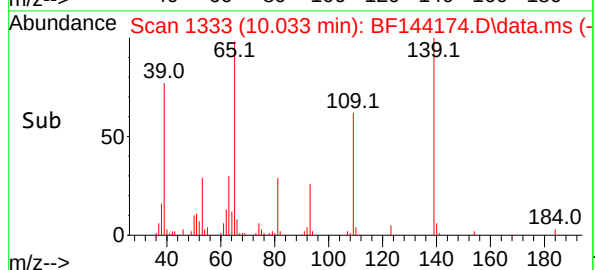
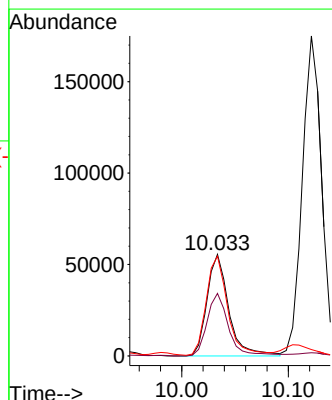
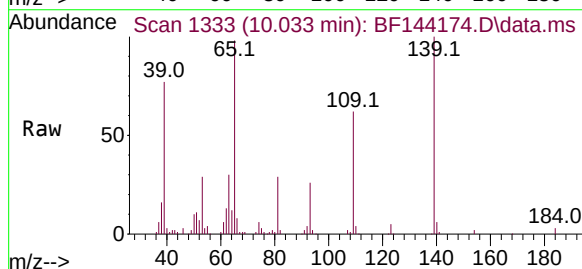
Tgt Ion:139 Resp: 78636

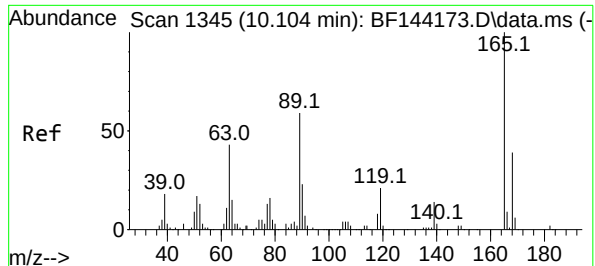
Ion Ratio Lower Upper

139 100

109 61.6 39.9 79.9

65 98.3 79.5 119.5

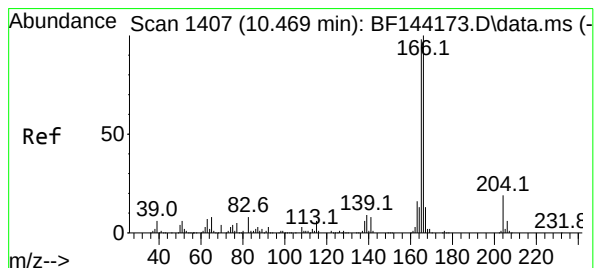
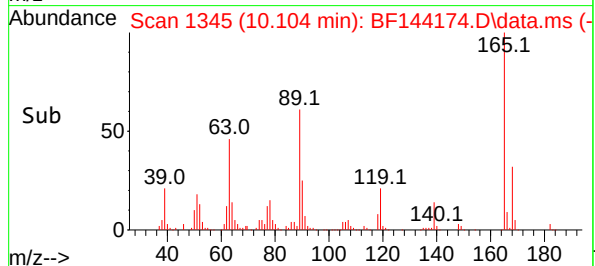
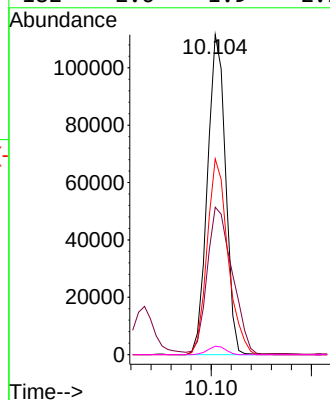
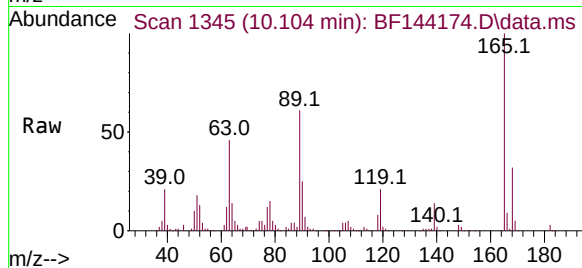




#57
2,4-Dinitrotoluene
Concen: 45.629 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

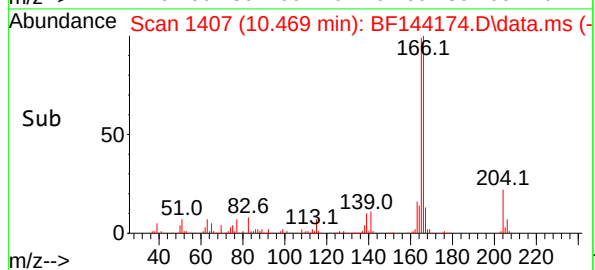
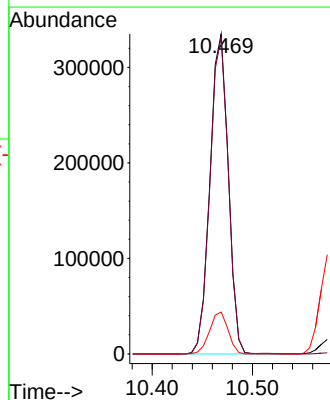
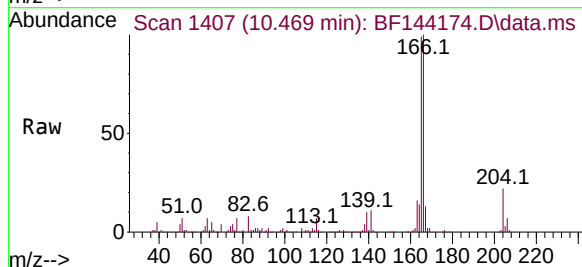
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

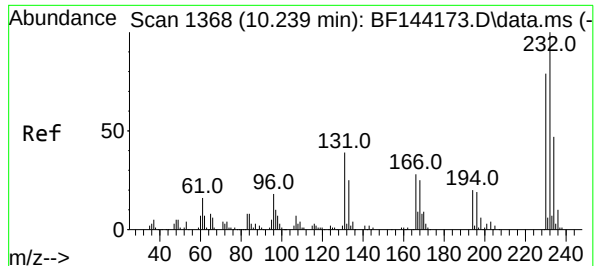
Tgt Ion:165 Resp: 139501
Ion Ratio Lower Upper
165 100
63 46.1 35.5 53.3
89 61.2 47.4 71.2
182 2.6 1.9 2.9



#58
Fluorene
Concen: 43.136 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:166 Resp: 424429
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.1 10.4 15.6

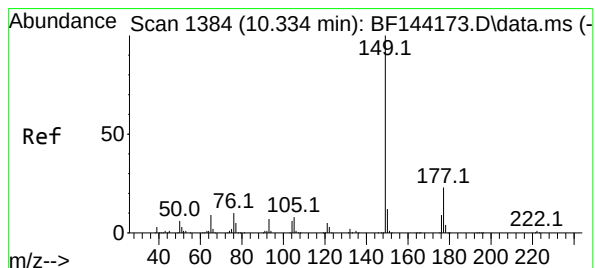
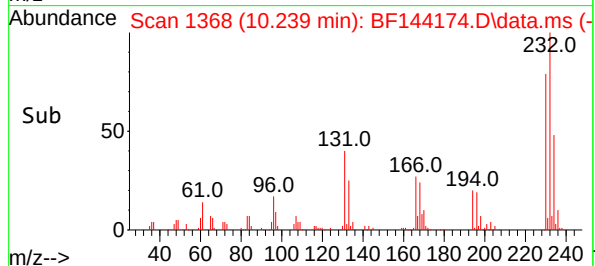
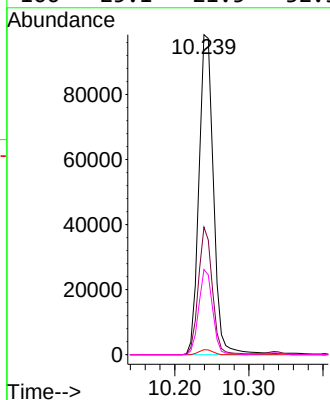
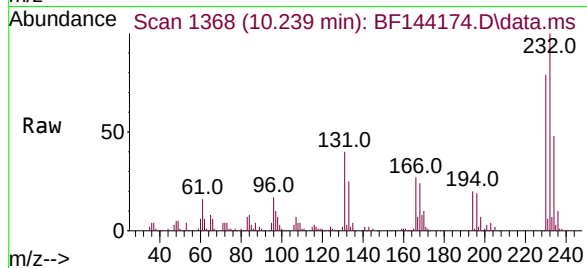




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.453 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

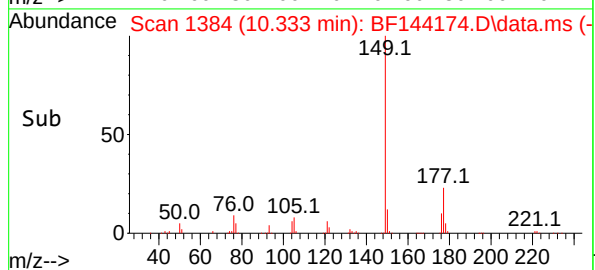
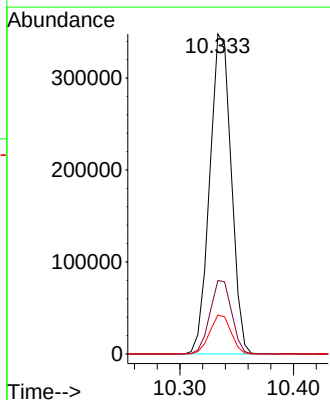
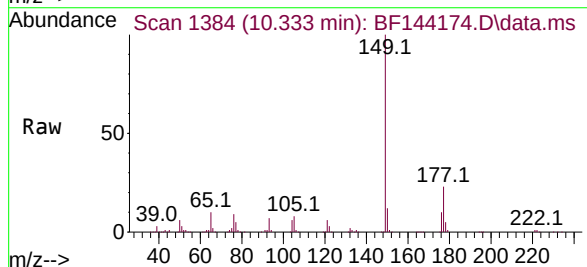
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

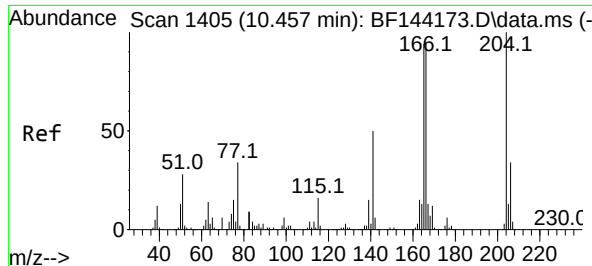
Tgt Ion:232 Resp: 134554
Ion Ratio Lower Upper
232 100
131 38.0 30.3 45.5
130 1.4 1.2 1.8
166 25.1 21.5 32.3



#60
Diethylphthalate
Concen: 43.997 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 457569
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.1 9.8 14.6

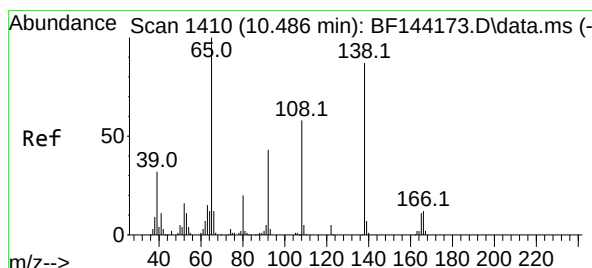
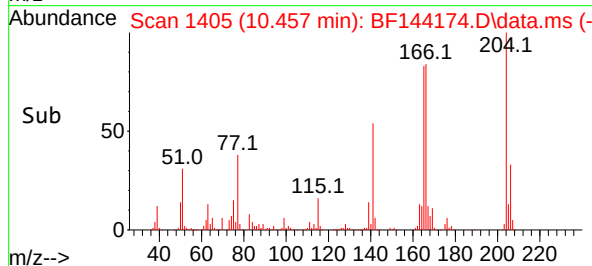
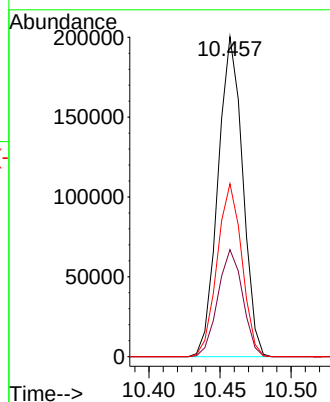
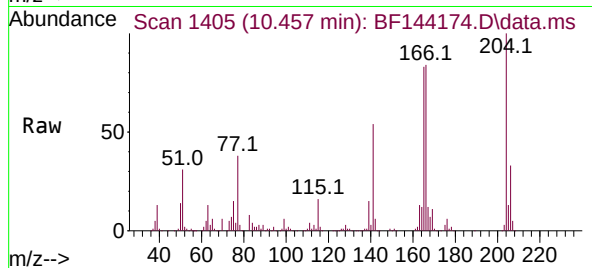




#61
4-Chlorophenyl-phenylether
Concen: 43.294 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

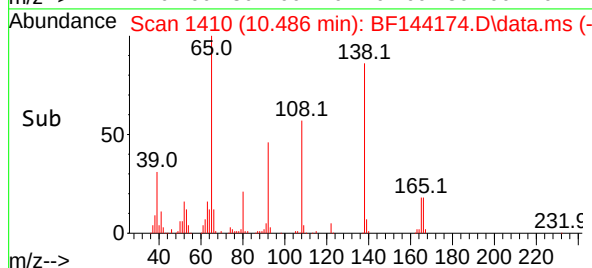
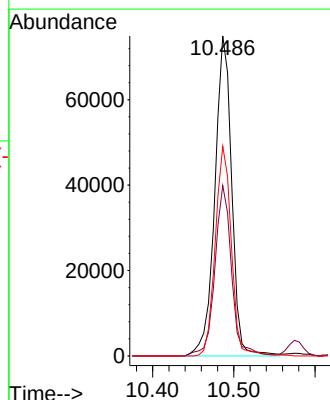
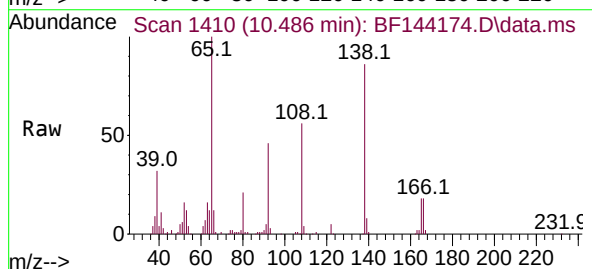
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

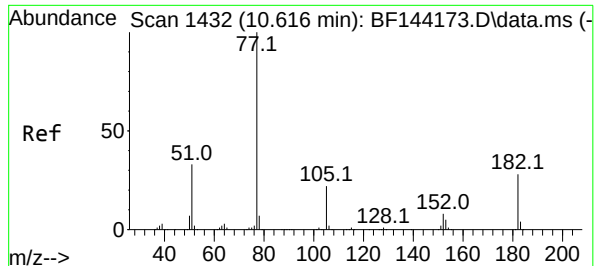
Tgt Ion:204 Resp: 242650
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 54.0 40.0 60.0



#62
4-Nitroaniline
Concen: 45.557 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:138 Resp: 108312
Ion Ratio Lower Upper
138 100
92 53.2 29.4 69.4
108 65.5 46.4 86.4

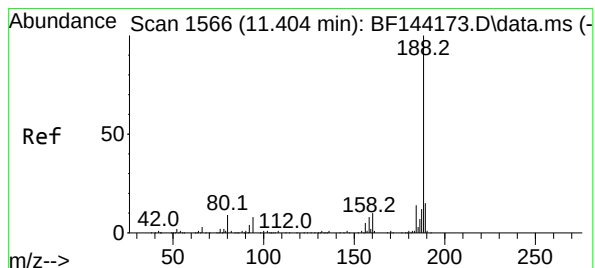
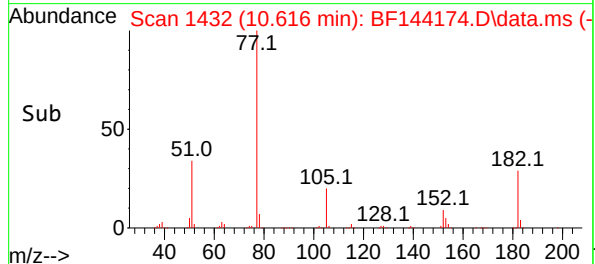
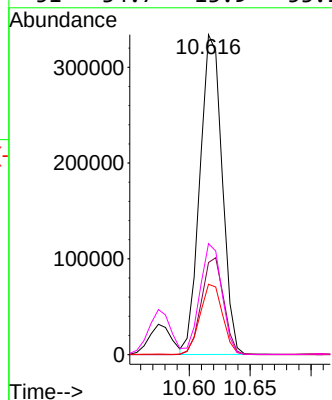
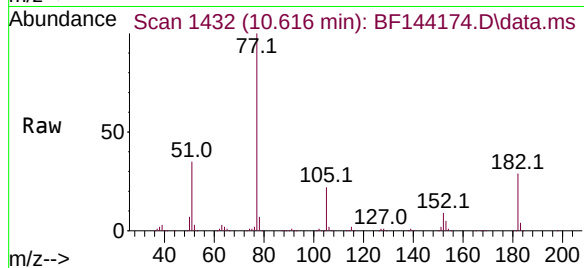




#63
Azobenzene
Concen: 43.768 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

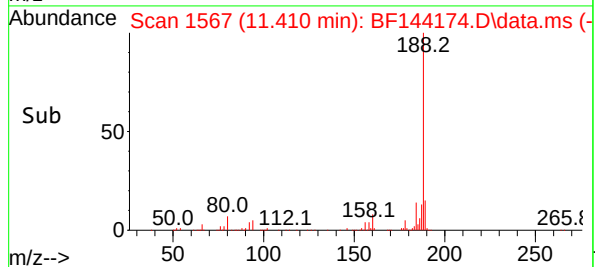
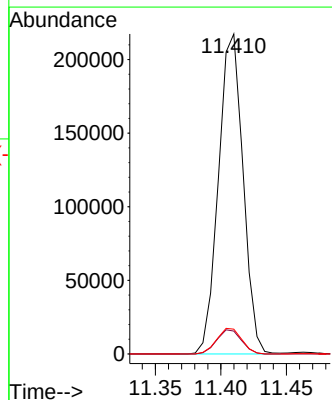
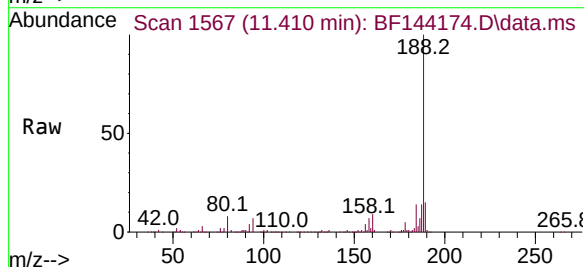
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

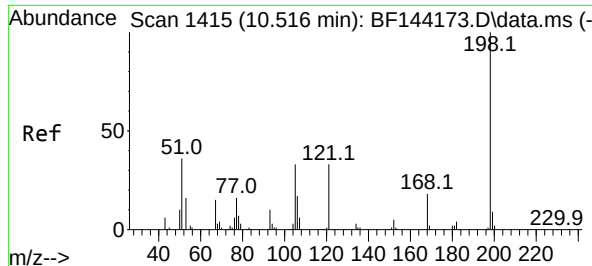
Tgt Ion: 77 Resp: 423631
Ion Ratio Lower Upper
77 100
182 28.8 8.1 48.1
105 22.0 2.0 42.0
51 34.7 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 188 Resp: 283828
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 7.7 6.9 10.3

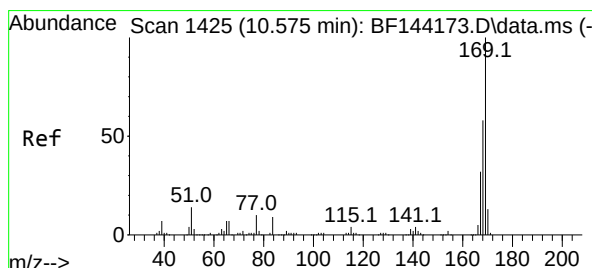
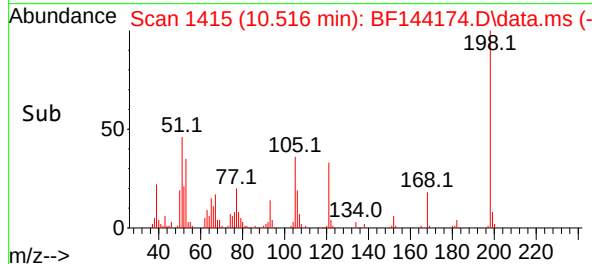
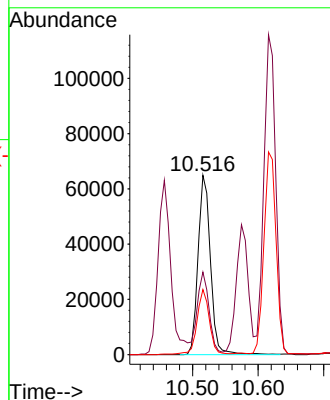
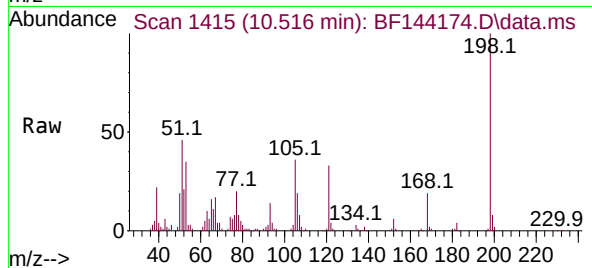




#65
4,6-Dinitro-2-methylphenol
Concen: 44.204 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

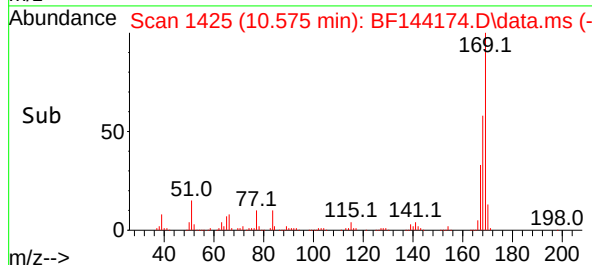
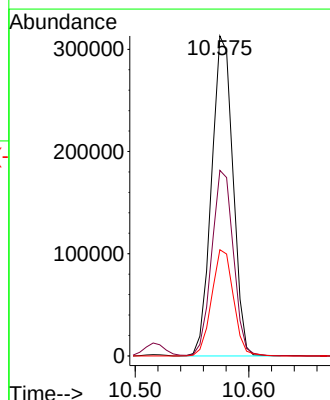
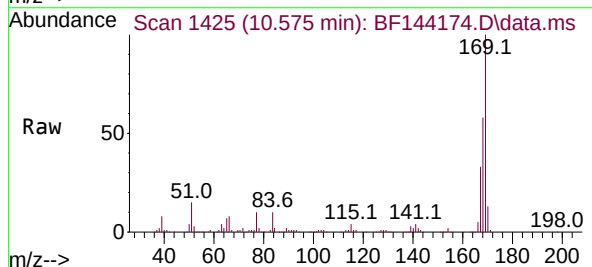
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

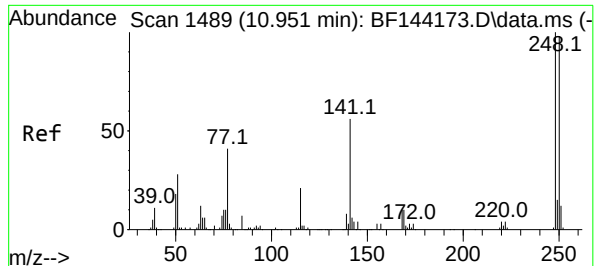
Tgt Ion:198 Resp: 85232
Ion Ratio Lower Upper
198 100
51 46.0 25.6 65.6
105 36.3 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.877 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:169 Resp: 409670
Ion Ratio Lower Upper
169 100
168 58.0 46.2 69.2
167 33.2 25.7 38.5

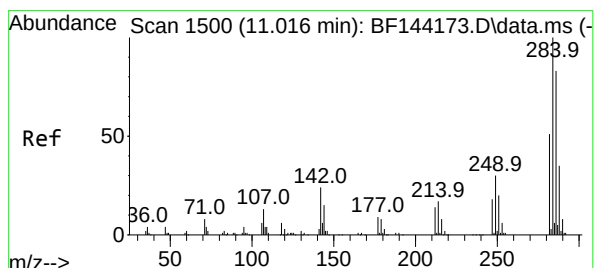
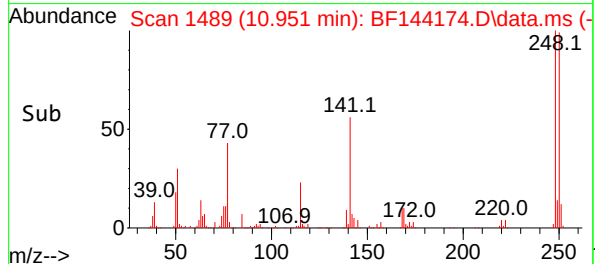
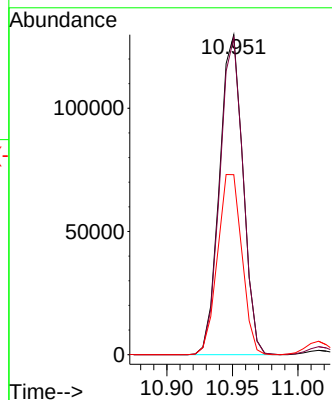
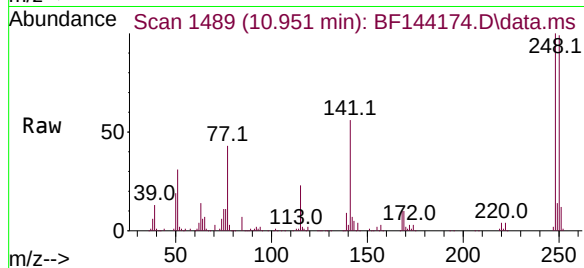




#67
4-Bromophenyl-phenylether
Concen: 44.606 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

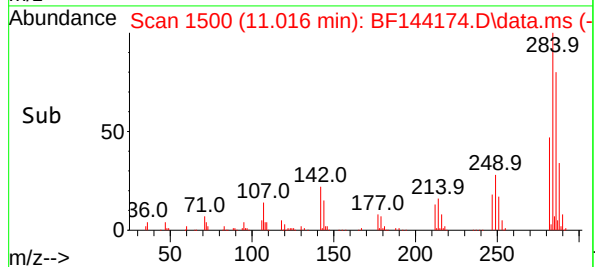
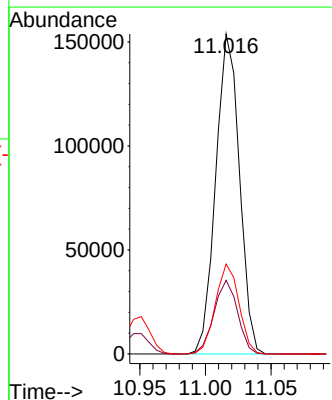
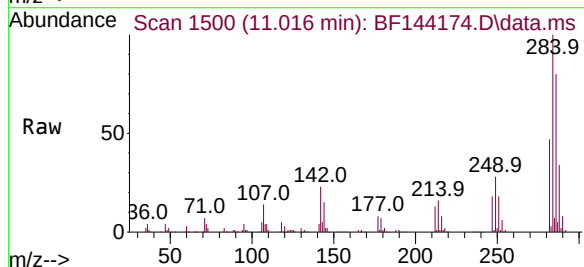
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

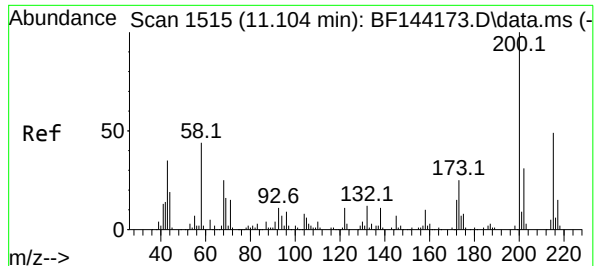
Tgt Ion:248 Resp: 161600
Ion Ratio Lower Upper
248 100
250 99.0 78.4 117.6
141 56.2 45.1 67.7



#68
Hexachlorobenzene
Concen: 45.364 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:284 Resp: 193574
Ion Ratio Lower Upper
284 100
142 23.0 19.2 28.8
249 28.1 23.8 35.8





#69

Atrazine

Concen: 43.906 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

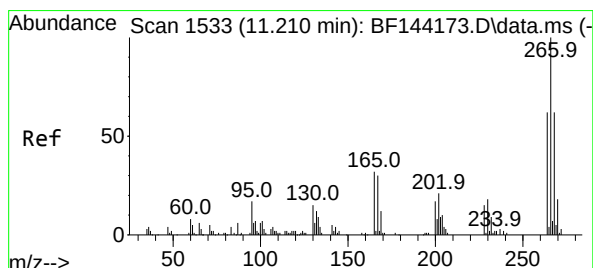
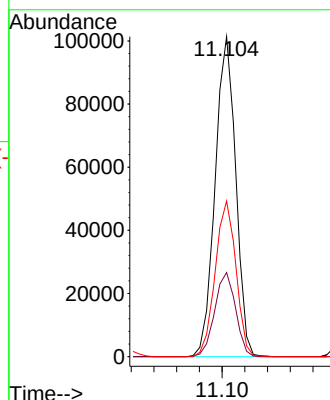
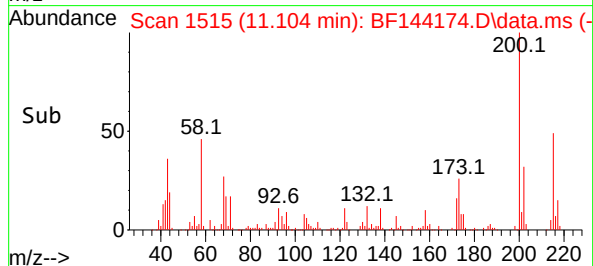
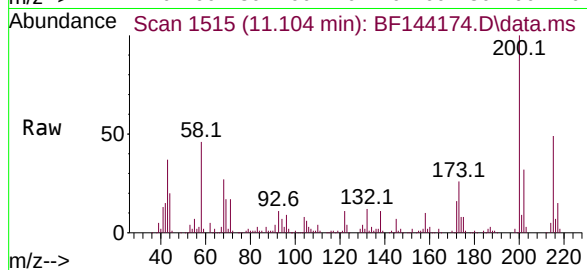
Tgt Ion:200 Resp: 127465

Ion Ratio Lower Upper

200 100

173 26.3 5.0 45.0

215 48.6 28.7 68.7



#70

Pentachlorophenol

Concen: 45.622 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

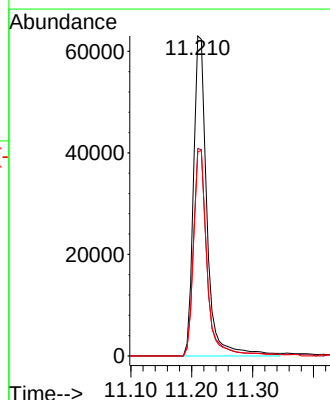
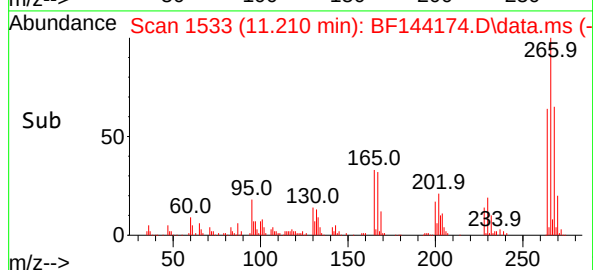
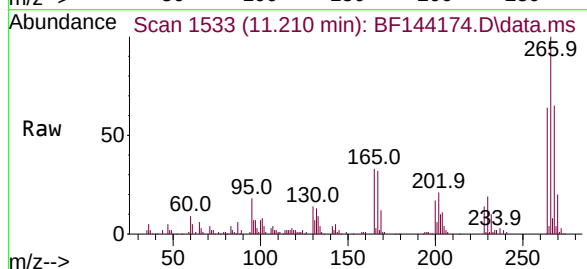
Tgt Ion:266 Resp: 96941

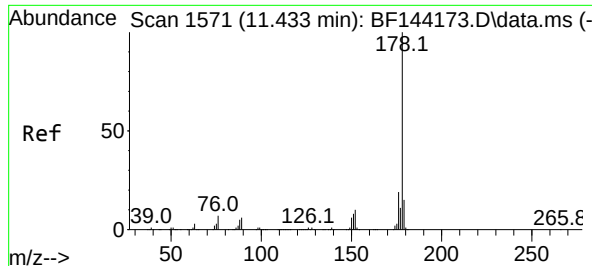
Ion Ratio Lower Upper

266 100

268 64.8 49.5 74.3

264 63.7 49.4 74.2

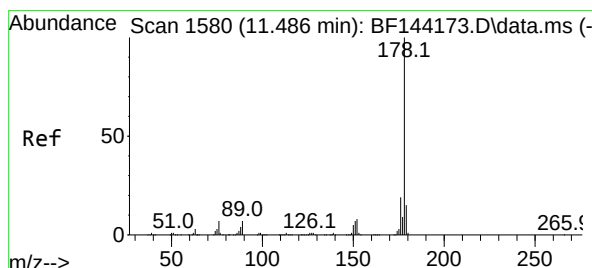
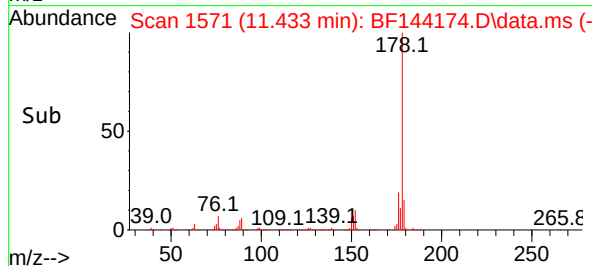
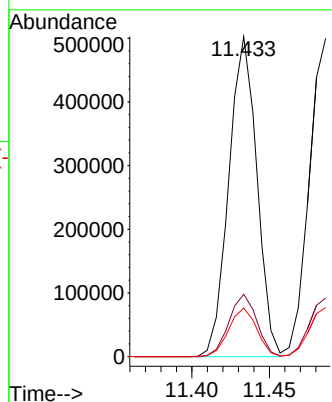
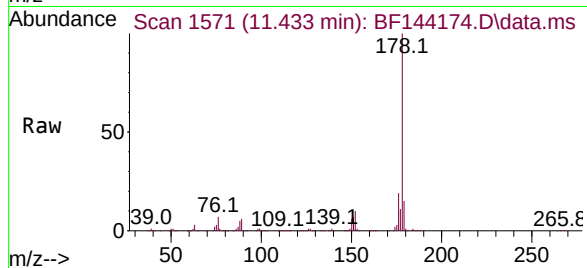




#71
Phenanthrene
Concen: 44.800 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

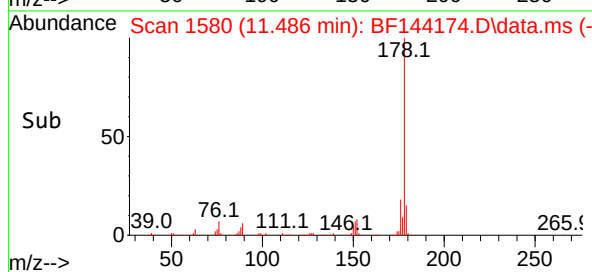
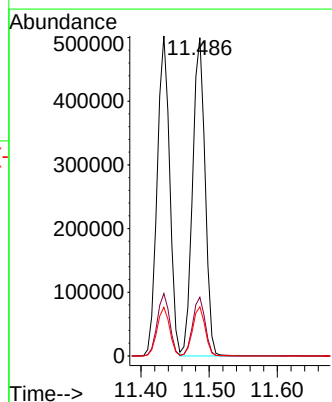
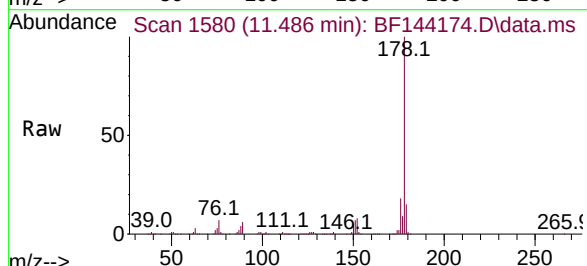
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

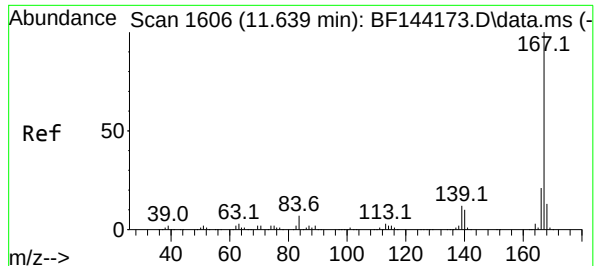
Tgt Ion:178 Resp: 633088
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.2 12.2 18.4



#72
Anthracene
Concen: 44.292 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:178 Resp: 636448
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.4 12.0 18.0

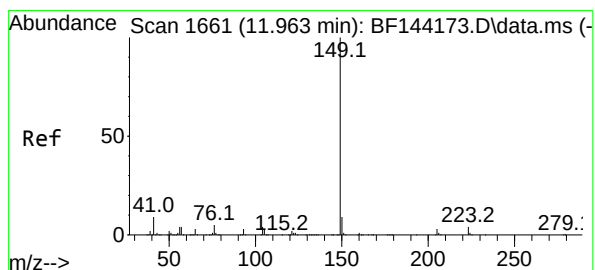
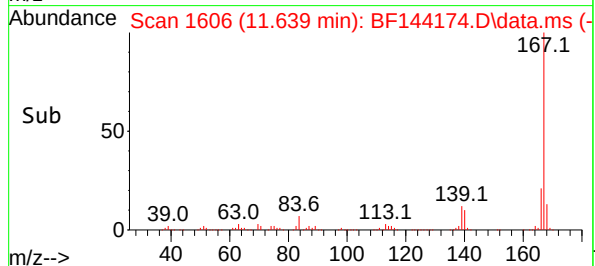
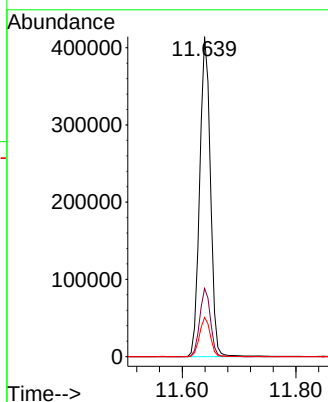
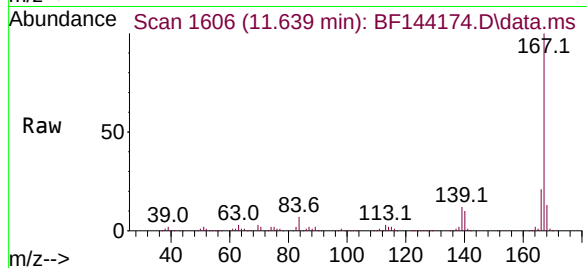




#73
Carbazole
Concen: 44.273 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

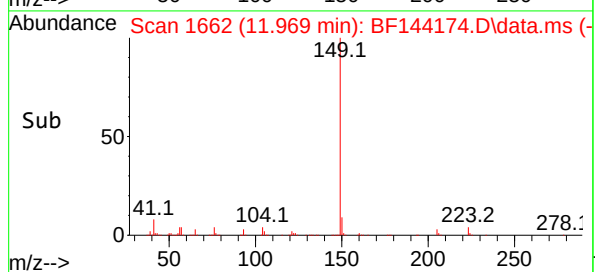
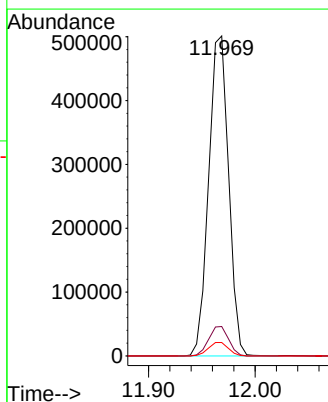
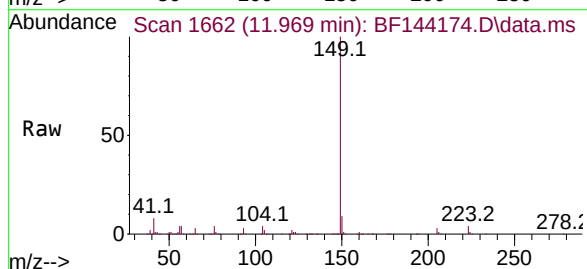
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

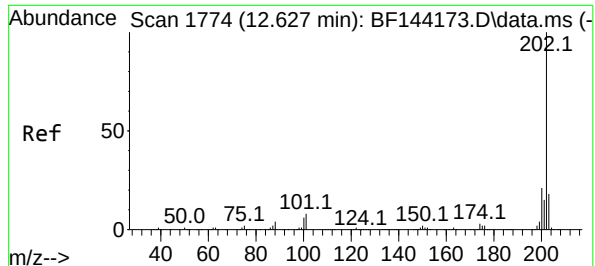
Tgt Ion:167 Resp: 540957
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 44.060 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 650810
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.2 3.4 5.2

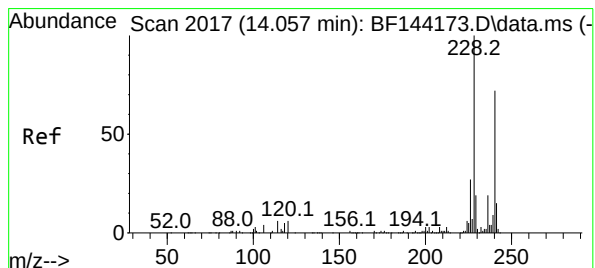
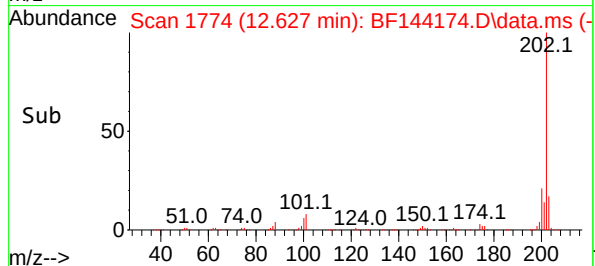
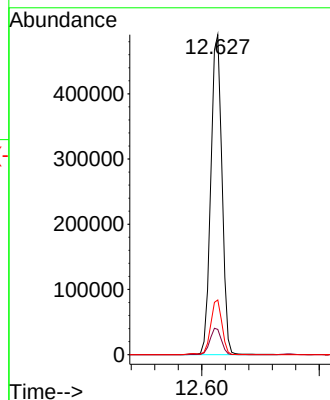
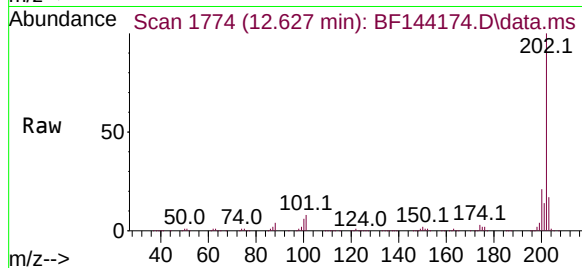




#75
Fluoranthene
Concen: 44.244 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

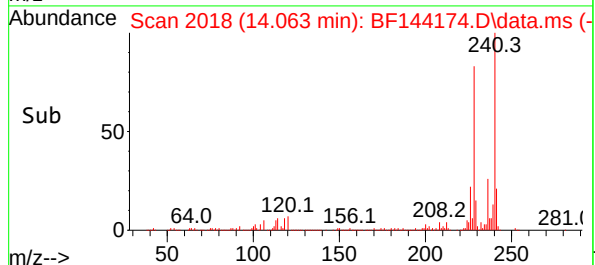
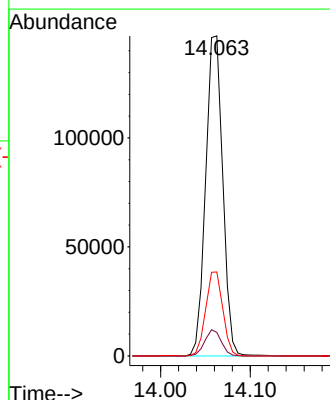
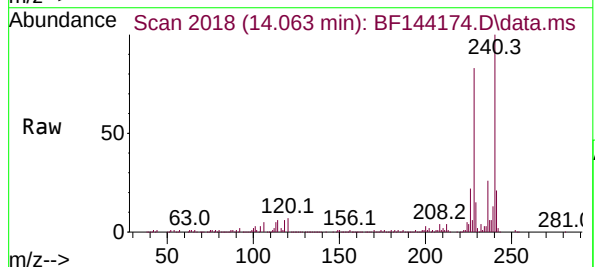
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

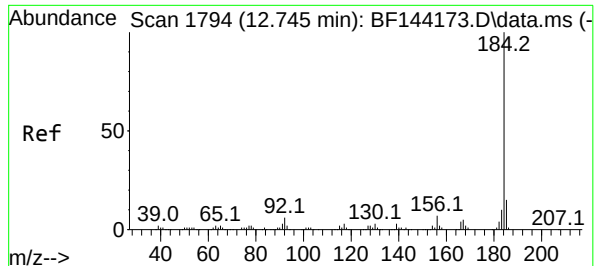
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.9
203	17.1	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	26.2	21.4	32.2

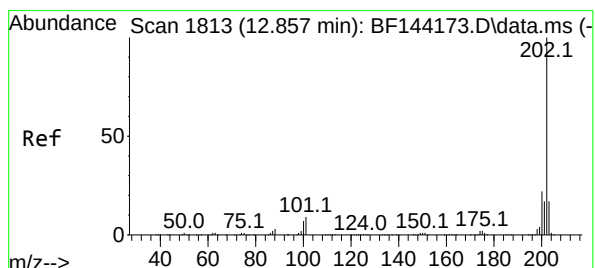
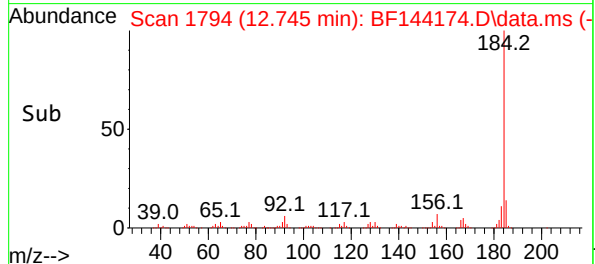
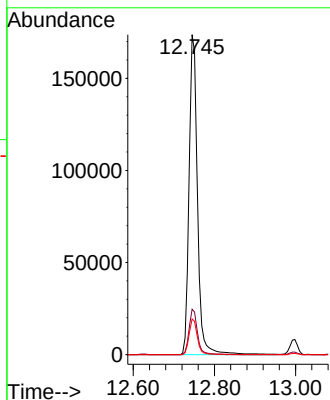
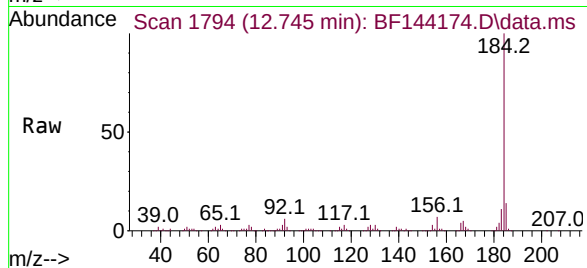




#77
Benzidine
Concen: 43.243 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

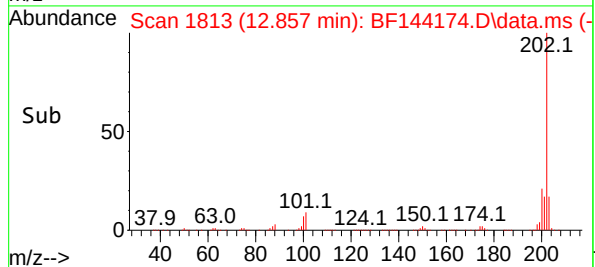
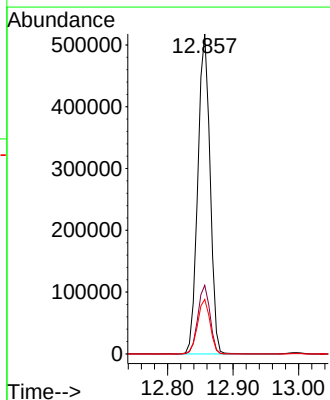
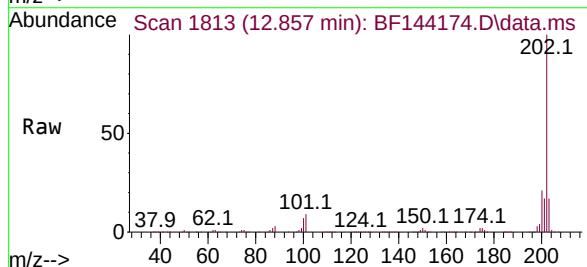
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

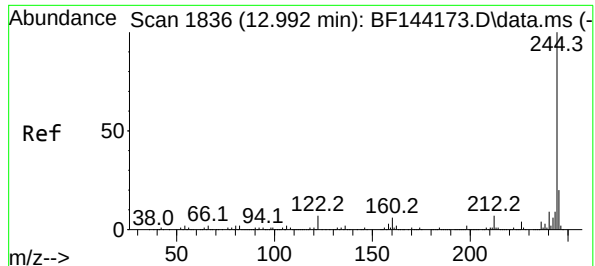
Tgt Ion:184 Resp: 248615
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.1 8.3 12.5



#78
Pyrene
Concen: 42.540 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:202 Resp: 666673
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.0 13.7 20.5





#79

Terphenyl-d14

Concen: 82.754 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

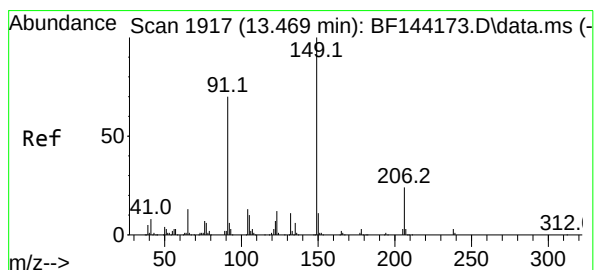
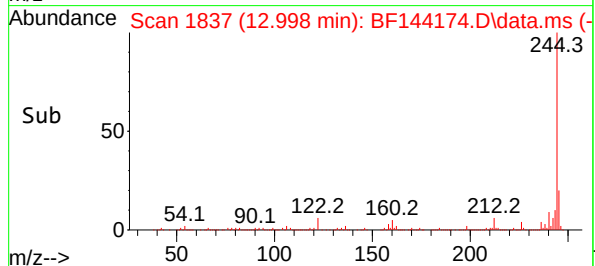
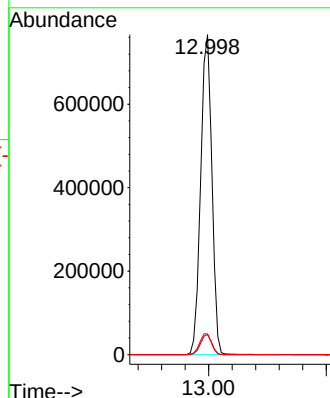
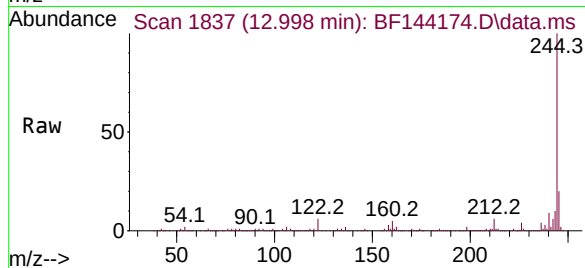
Tgt Ion:244 Resp: 1012618

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 6.5 5.6 8.4



#80

Butylbenzylphthalate

Concen: 44.602 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

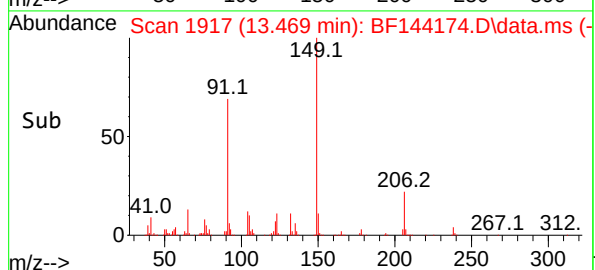
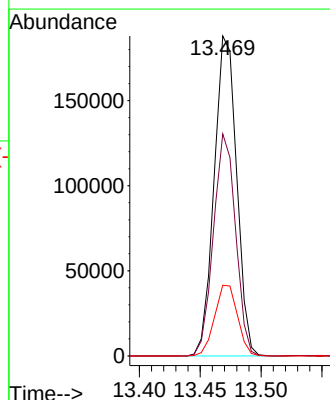
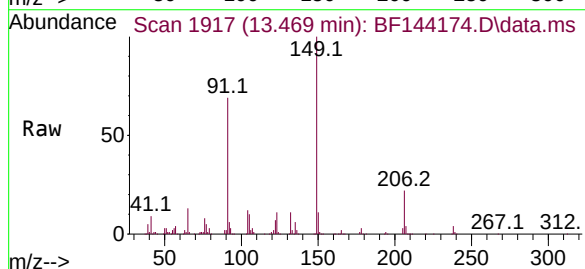
Tgt Ion:149 Resp: 242259

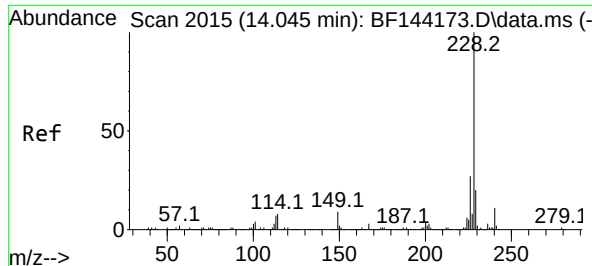
Ion Ratio Lower Upper

149 100

91 69.4 56.1 84.1

206 22.1 18.8 28.2

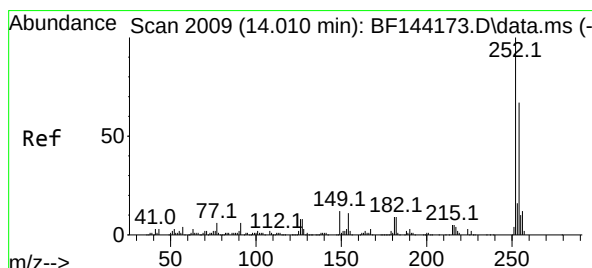
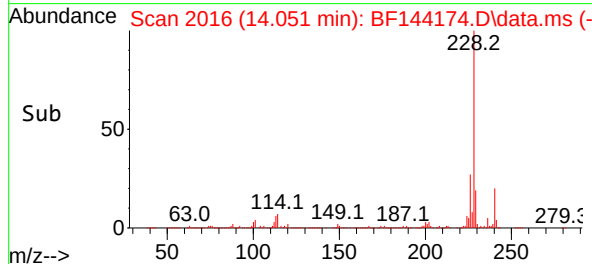
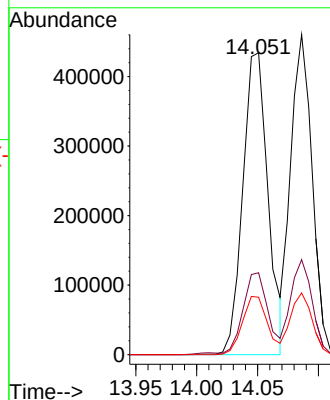
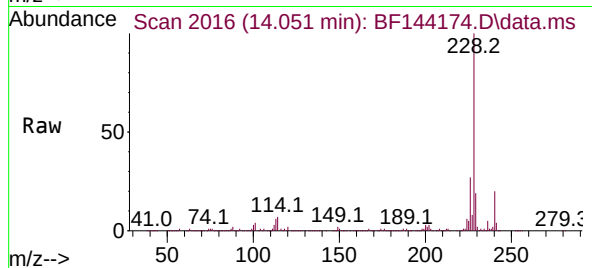




#81
Benzo(a)anthracene
Concen: 46.515 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

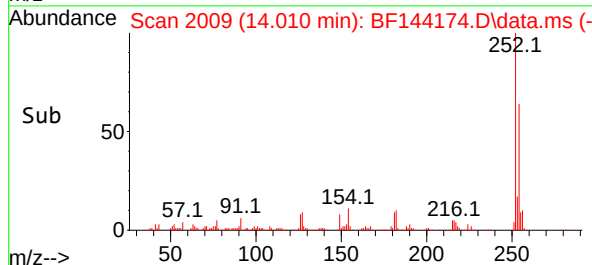
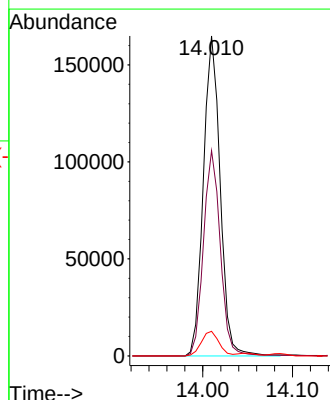
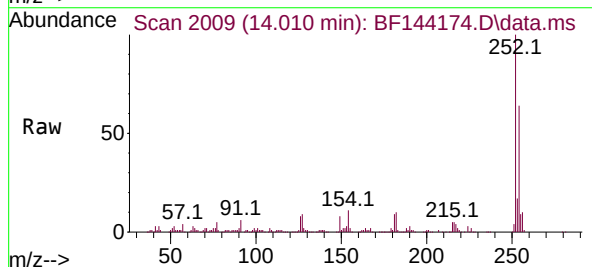
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

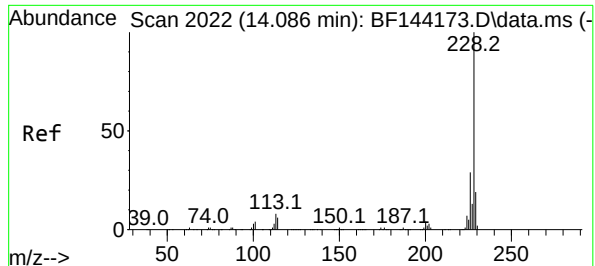
Tgt Ion:228 Resp: 626599
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 46.440 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:252 Resp: 214437
Ion Ratio Lower Upper
252 100
254 64.1 53.5 80.3
126 7.7 6.4 9.6





#83

Chrysene

Concen: 45.489 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

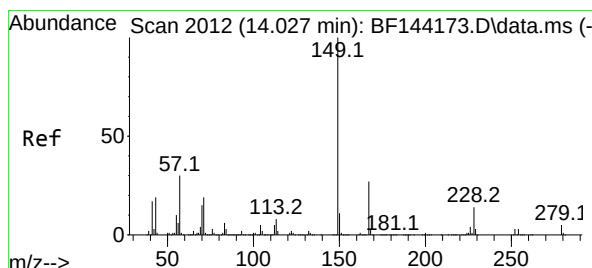
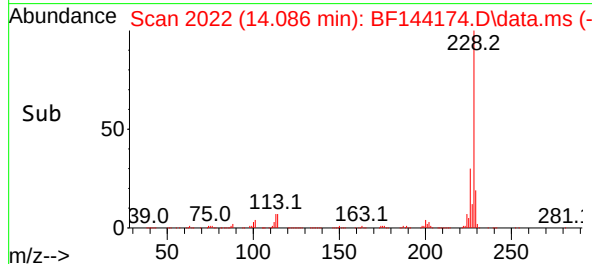
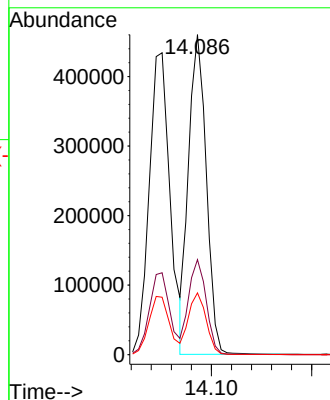
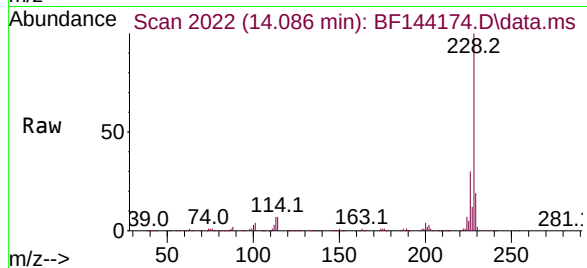
Tgt Ion:228 Resp: 565678

Ion Ratio Lower Upper

228 100

226 29.7 22.9 34.3

229 19.3 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.061 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

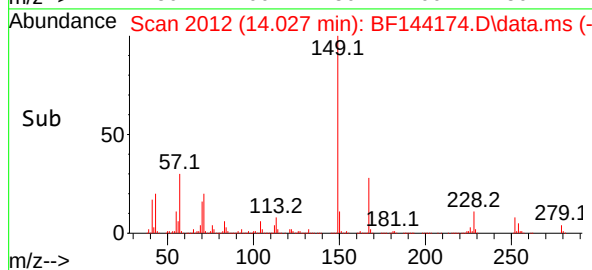
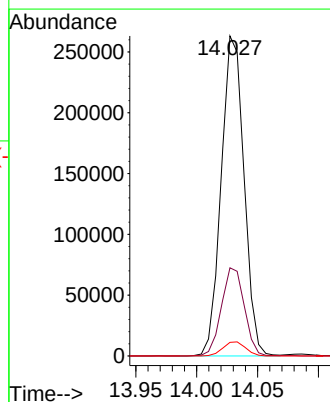
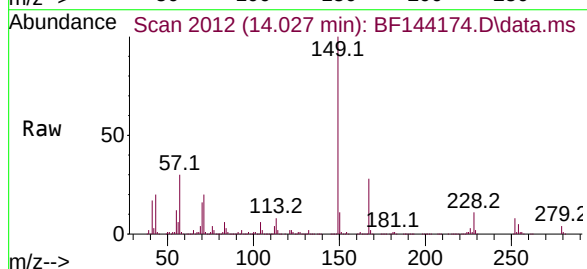
Tgt Ion:149 Resp: 342489

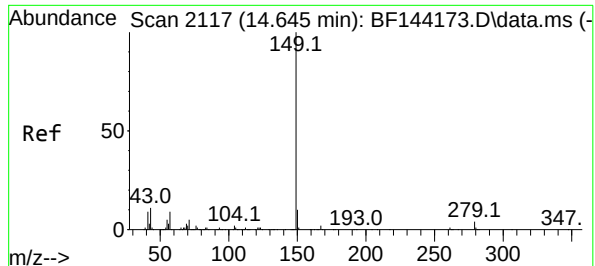
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 4.2 3.7 5.5

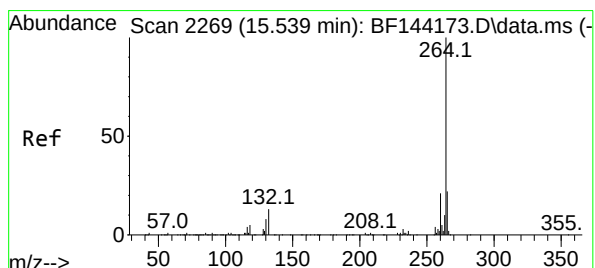
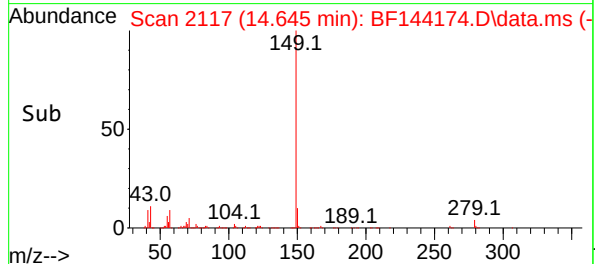
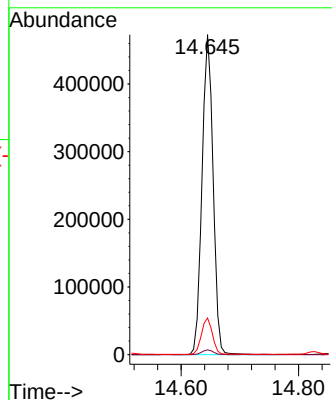
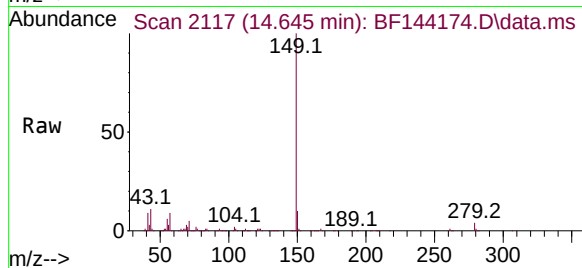




#85
Di-n-octyl phthalate
Concen: 48.068 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

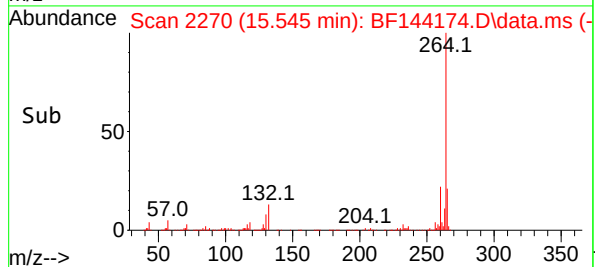
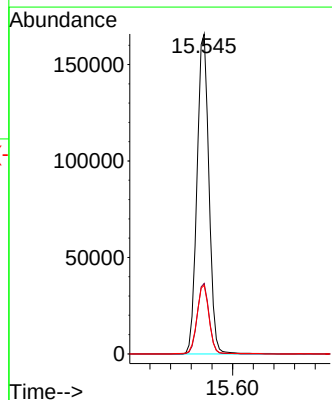
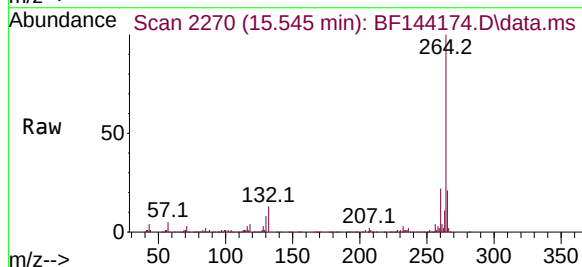
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

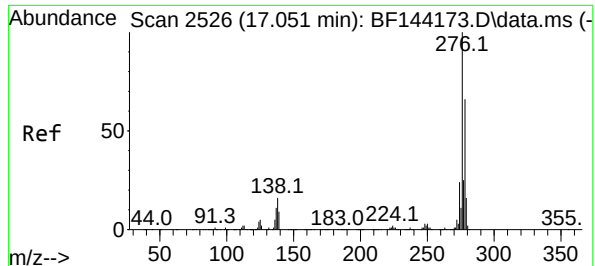
Tgt Ion:149 Resp: 616644
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:264 Resp: 264861
Ion Ratio Lower Upper
264 100
260 22.0 17.1 25.7
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.642 ng

RT: 17.057 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

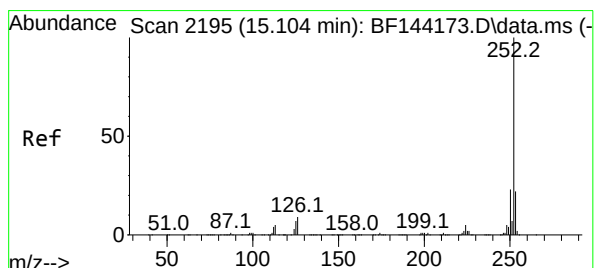
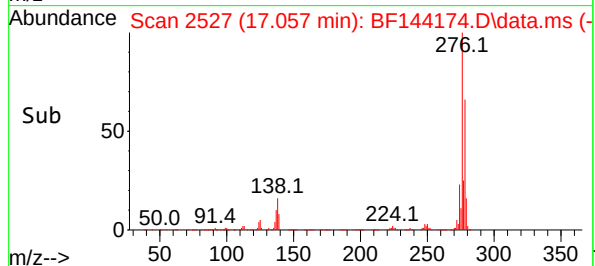
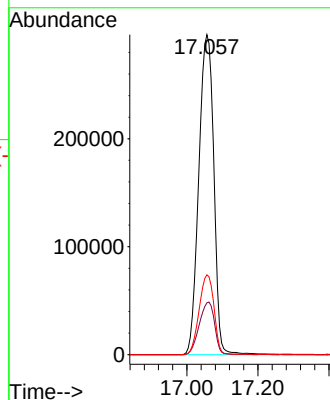
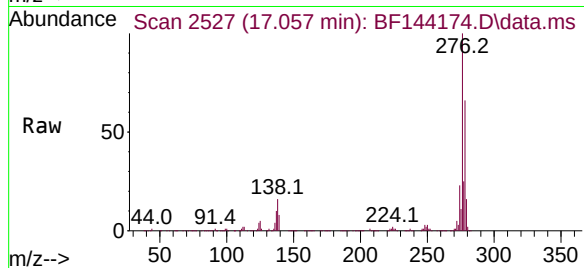
Tgt Ion:276 Resp: 867786

Ion Ratio Lower Upper

276 100

138 16.7 13.9 20.9

277 24.5 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 44.079 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

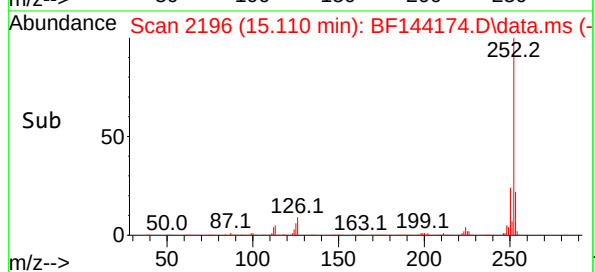
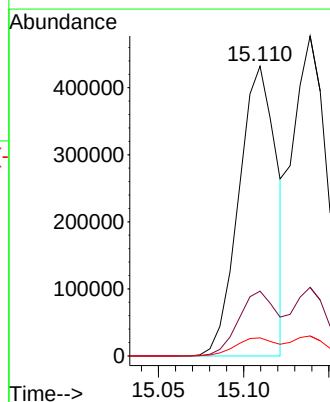
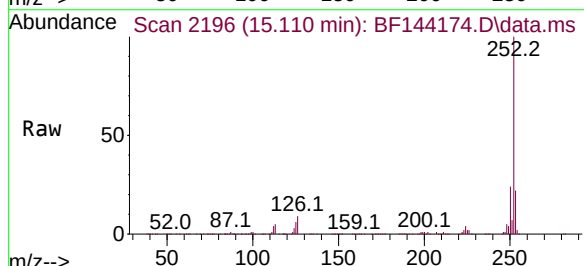
Tgt Ion:252 Resp: 663728

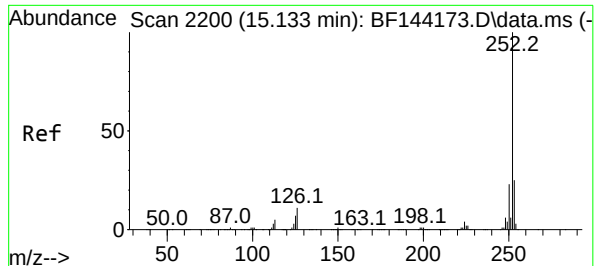
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 6.2 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 46.952 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

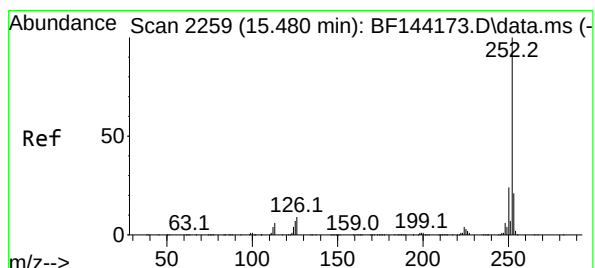
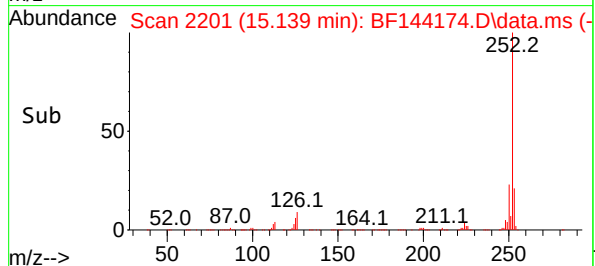
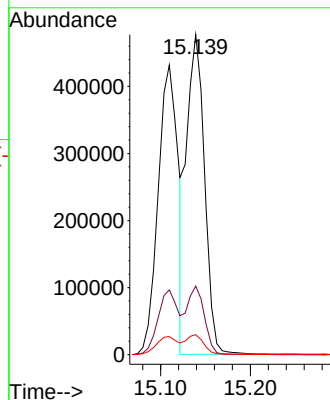
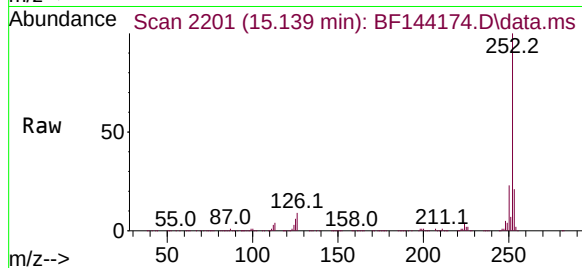
Tgt Ion:252 Resp: 661746

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 6.2 5.4 8.2



#90

Benzo(a)pyrene

Concen: 45.882 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

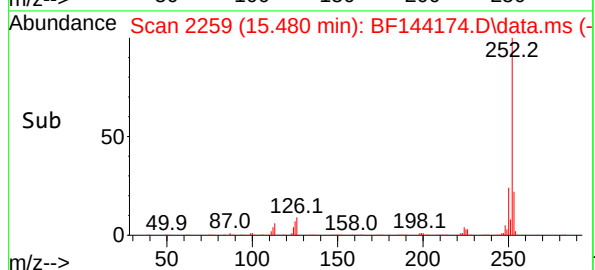
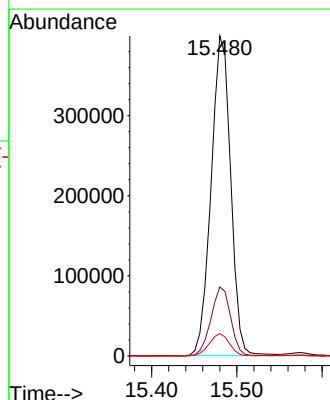
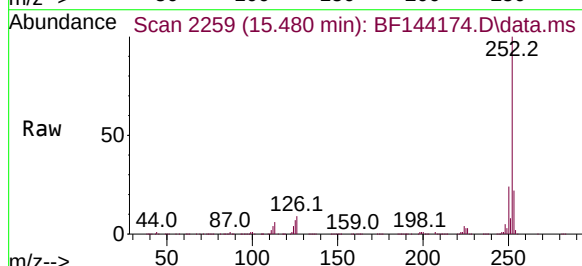
Tgt Ion:252 Resp: 637370

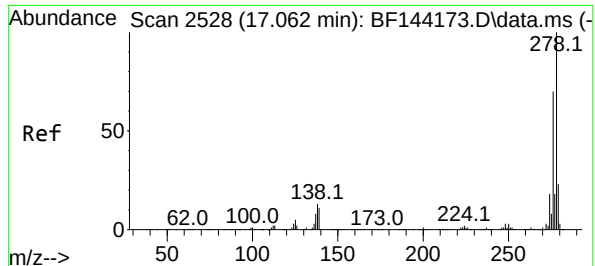
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 7.0 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 45.098 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

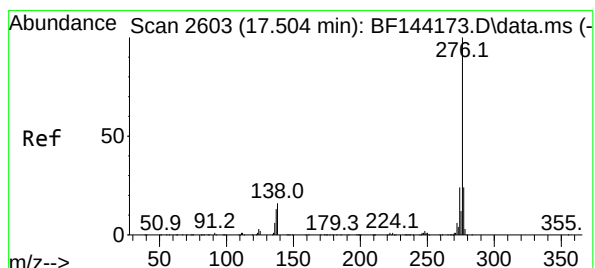
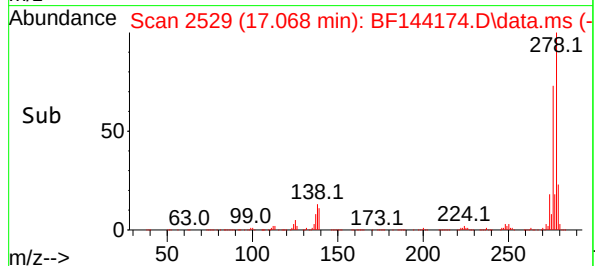
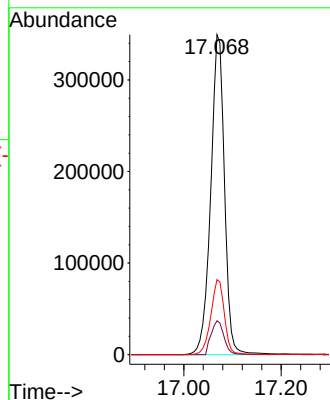
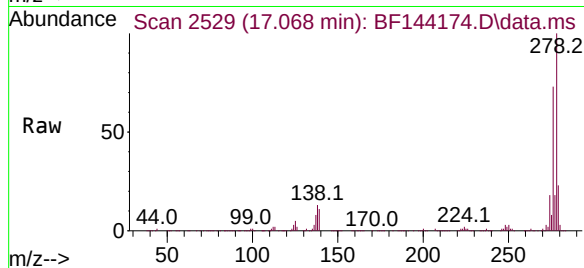
Tgt Ion:278 Resp: 688620

Ion Ratio Lower Upper

278 100

139 10.6 9.1 13.7

279 23.4 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 45.152 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

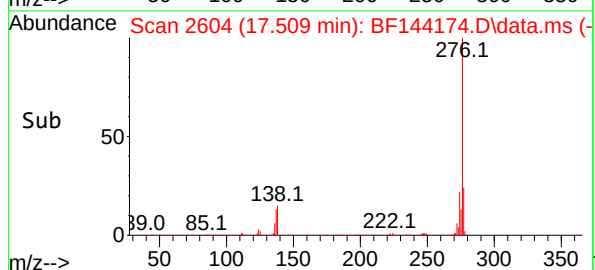
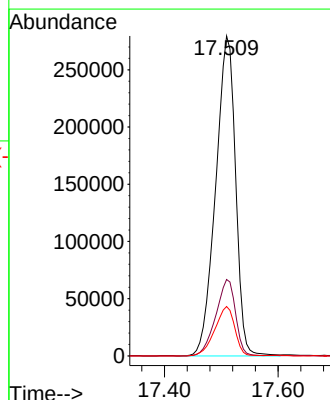
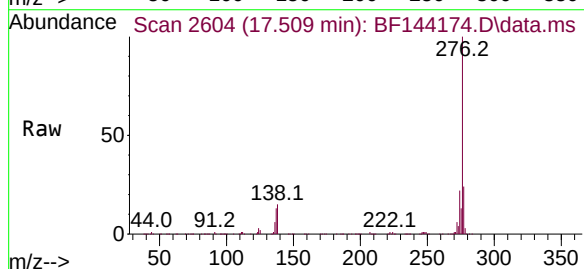
Tgt Ion:276 Resp: 680830

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 15.4 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144175.D
 Acq On : 05 Nov 2025 16:19
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Nov 05 17:24:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63801	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	126385	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	213136	20.000	ng	0.00
76) Chrysene-d12	14.057	240	145867	20.000	ng	0.00
86) Perylene-d12	15.539	264	205758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	509184	124.890	ng	0.00
7) Phenol-d6	6.510	99	559443	121.101	ng	0.00
23) Nitrobenzene-d5	7.439	82	519687	125.195	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	198226	124.986	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1047440	122.404	ng	0.00
79) Terphenyl-d14	12.998	244	1057426	115.147	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	109742	65.106	ng	99
3) Pyridine	3.375	79	307664	65.424	ng	97
4) n-Nitrosodimethylamine	3.334	42	166098	67.619	ng	97
6) Aniline	6.539	93	409356	62.194	ng	99
8) 2-Chlorophenol	6.663	128	247503	61.902	ng	99
9) Benzaldehyde	6.428	77	150534	57.706	ng	98
10) Phenol	6.522	94	342646	60.707	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	256657	62.405	ng	96
12) 1,3-Dichlorobenzene	6.816	146	303642	61.543	ng	98
13) 1,4-Dichlorobenzene	6.892	146	306973	62.104	ng	99
14) 1,2-Dichlorobenzene	7.045	146	293432	61.936	ng	99
15) Benzyl Alcohol	7.016	79	229107	62.632	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	467387	61.712	ng	96
17) 2-Methylphenol	7.128	107	191705	60.269	ng	96
18) Hexachloroethane	7.386	117	103964	63.308	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	179314	58.963	ng	96
20) 3+4-Methylphenols	7.281	107	224891	59.977	ng	91
22) Acetophenone	7.286	105	302907	58.897	ng	94
24) Nitrobenzene	7.463	77	285924	63.439	ng	98
25) Isophorone	7.698	82	485836	61.876	ng	99
26) 2-Nitrophenol	7.775	139	144140	64.606	ng	96
27) 2,4-Dimethylphenol	7.810	122	212249	63.471	ng	95
28) bis(2-Chloroethoxy)met...	7.904	93	304411	62.085	ng	99
29) 2,4-Dichlorophenol	8.016	162	234718	60.899	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	240858	60.858	ng	98
31) Naphthalene	8.181	128	684579	60.028	ng	100
32) Benzoic acid	7.933	122	136682	55.761	ng	96
33) 4-Chloroaniline	8.228	127	255554	61.441	ng	98
34) Hexachlorobutadiene	8.298	225	182626	61.229	ng	98
35) Caprolactam	8.610	113	62840	59.512	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	208910	60.481	ng	99
37) 2-Methylnaphthalene	8.875	142	447909	58.743	ng	98
38) 1-Methylnaphthalene	8.975	142	431529	58.654	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	271508	65.549	ng	99
41) Hexachlorocyclopentadiene	9.022	237	95909	64.419	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	185412	65.769	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144175.D
 Acq On : 05 Nov 2025 16:19
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

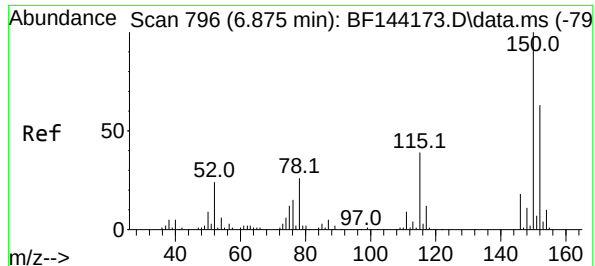
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	190324	62.639	ng	99
46) 1,1'-Biphenyl	9.339	154	549700	62.310	ng	99
47) 2-Chloronaphthalene	9.363	162	474514	63.056	ng	99
48) 2-Nitroaniline	9.457	65	141938	65.370	ng	98
49) Acenaphthylene	9.775	152	636324	62.050	ng	100
50) Dimethylphthalate	9.633	163	521205	62.250	ng	99
51) 2,6-Dinitrotoluene	9.698	165	110140	64.983	ng	99
52) Acenaphthene	9.951	154	423653	61.778	ng	99
53) 3-Nitroaniline	9.869	138	119967	64.749	ng	100
54) 2,4-Dinitrophenol	9.980	184	63597	62.138	ng	98
55) Dibenzofuran	10.122	168	592400	61.680	ng	98
56) 4-Nitrophenol	10.033	139	80163	59.812	ng	97
57) 2,4-Dinitrotoluene	10.104	165	142910	62.984	ng	97
58) Fluorene	10.469	166	435687	59.664	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	140953	65.569	ng	97
60) Diethylphthalate	10.333	149	468931	60.755	ng	98
61) 4-Chlorophenyl-phenylether	10.457	204	249857	60.068	ng	97
62) 4-Nitroaniline	10.486	138	109153	61.862	ng	97
63) Azobenzene	10.616	77	453890	63.187	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	90823	62.727	ng	97
66) n-Nitrosodiphenylamine	10.574	169	421720	61.520	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	170395	62.634	ng	99
68) Hexachlorobenzene	11.016	284	204258	63.744	ng	96
69) Atrazine	11.104	200	134002	61.467	ng	100
70) Pentachlorophenol	11.216	266	103466	64.842	ng	99
71) Phenanthrene	11.433	178	641461	60.448	ng	99
72) Anthracene	11.486	178	656819	60.871	ng	100
73) Carbazole	11.639	167	546322	59.542	ng	100
74) Di-n-butylphthalate	11.969	149	677444	61.075	ng	99
75) Fluoranthene	12.627	202	667021	60.849	ng	99
77) Benzidine	12.745	184	277725	64.368	ng	100
78) Pyrene	12.857	202	686663	58.384	ng	100
80) Butylbenzylphthalate	13.468	149	249274	61.152	ng	100
81) Benzo(a)anthracene	14.051	228	653341	64.625	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	232807	67.182	ng	96
83) Chrysene	14.086	228	580449	62.196	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	351501	62.991	ng	98
85) Di-n-octyl phthalate	14.645	149	631065	65.547	ng	100
87) Indeno(1,2,3-cd)pyrene	17.056	276	938738	63.557	ng	100
88) Benzo(b)fluoranthene	15.109	252	700099	59.849	ng	99
89) Benzo(k)fluoranthene	15.139	252	699851	63.919	ng	98
90) Benzo(a)pyrene	15.480	252	680720	63.078	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	746544	62.936	ng	98
92) Benzo(g,h,i)perylene	17.515	276	757880	64.699	ng	98

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

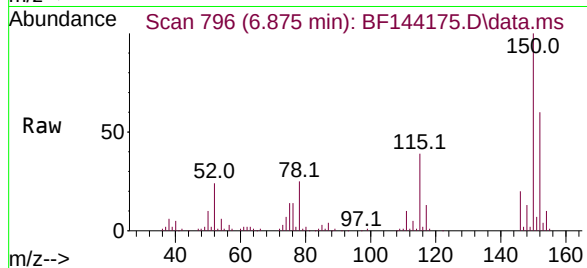
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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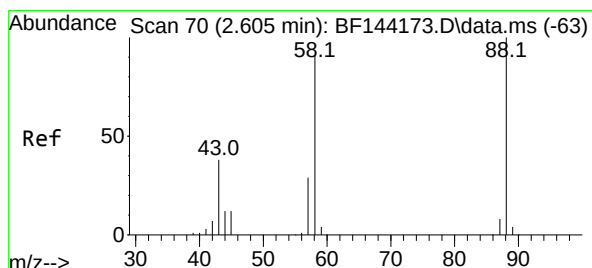
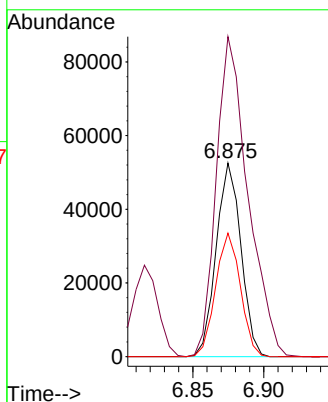
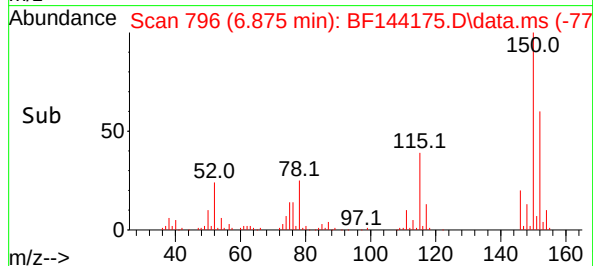


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

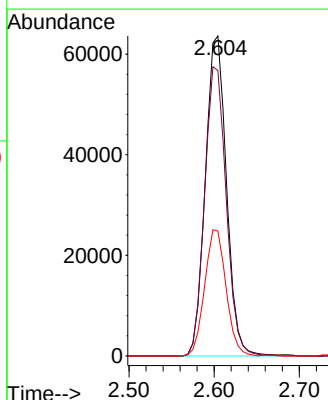
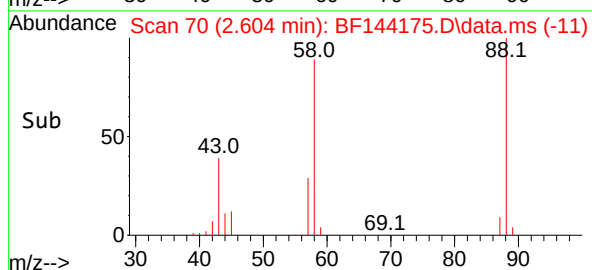
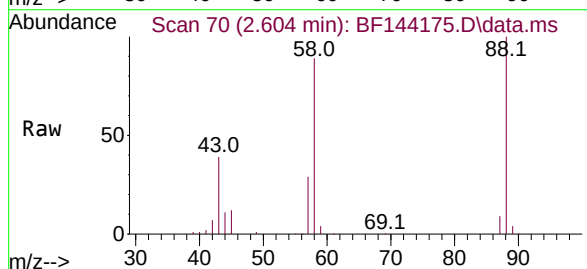


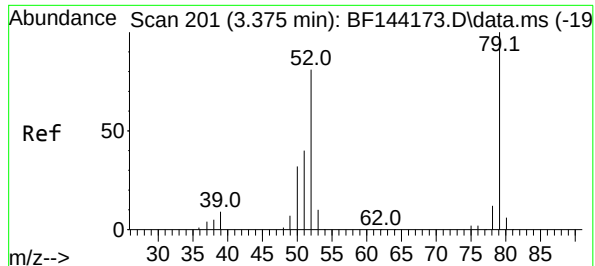
Tgt Ion:152 Resp: 63801
Ion Ratio Lower Upper
152 100
150 165.3 127.4 191.0
115 63.8 49.5 74.3



#2
1,4-Dioxane
Concen: 65.106 ng
RT: 2.604 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 88 Resp: 109742
Ion Ratio Lower Upper
88 100
58 92.2 73.1 109.7
43 39.9 31.0 46.6





#3

Pyridine

Concen: 65.424 ng

RT: 3.375 min Scan# 201

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

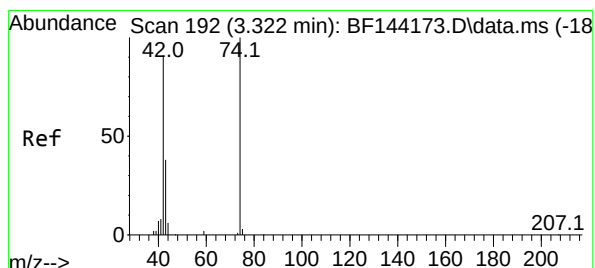
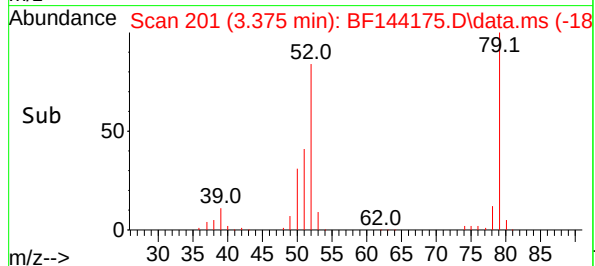
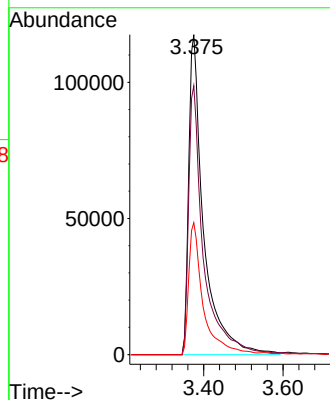
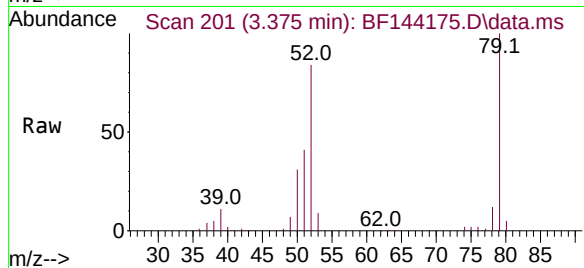
Tgt Ion: 79 Resp: 307664

Ion Ratio Lower Upper

79 100

52 84.0 64.5 96.7

51 41.2 31.7 47.5



#4

n-Nitrosodimethylamine

Concen: 67.619 ng

RT: 3.334 min Scan# 194

Delta R.T. -0.012 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

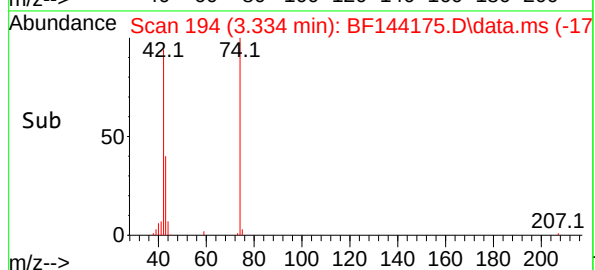
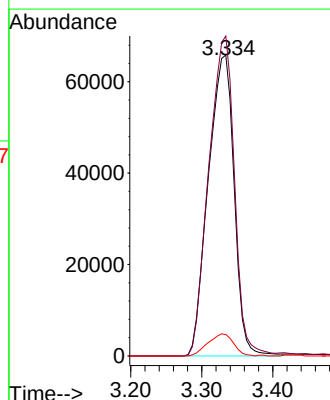
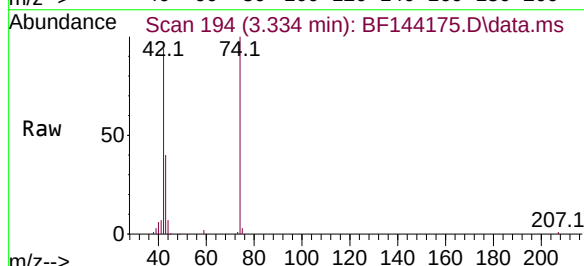
Tgt Ion: 42 Resp: 166098

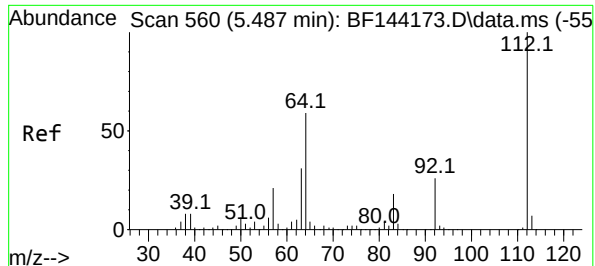
Ion Ratio Lower Upper

42 100

74 106.4 88.2 132.4

44 7.1 5.7 8.5

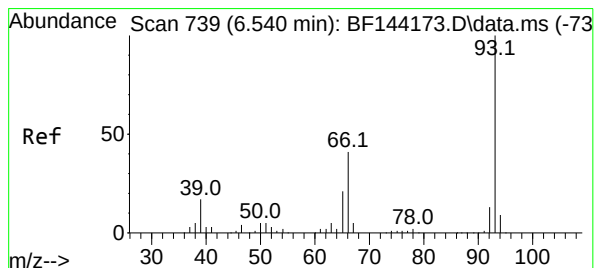
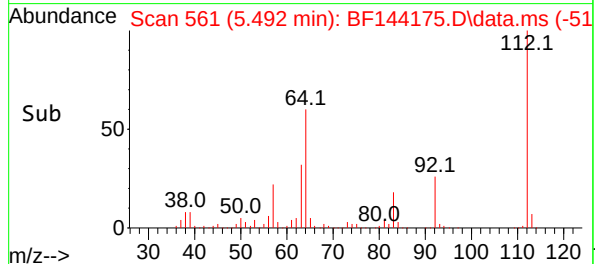
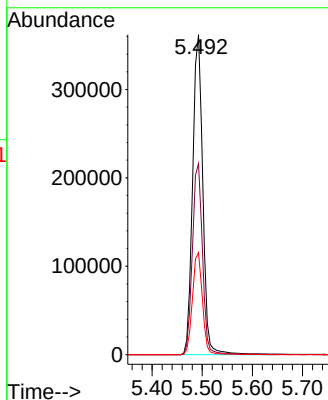
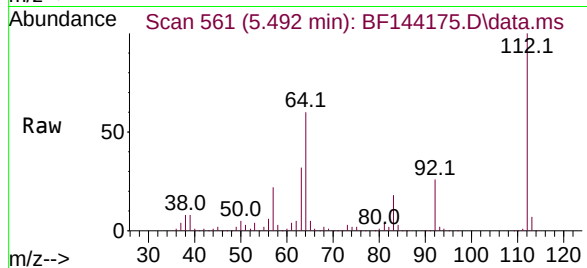




#5
2-Fluorophenol
Concen: 124.890 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

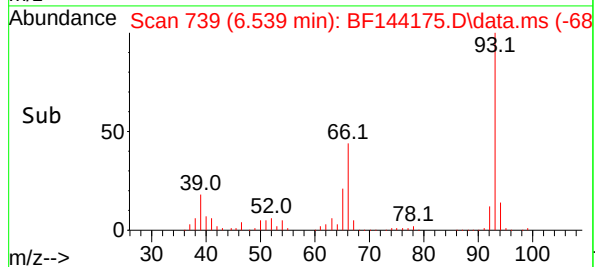
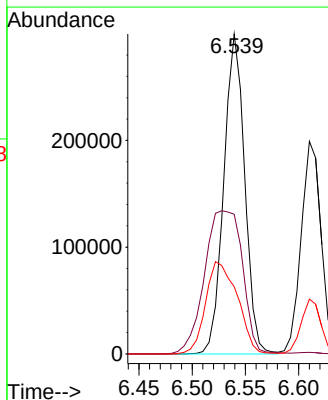
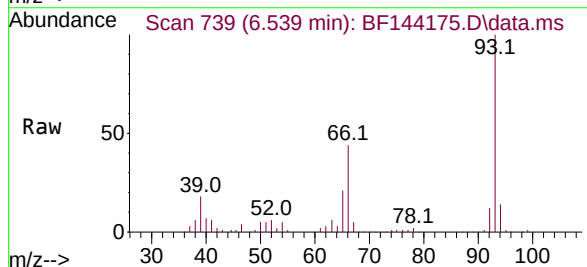
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

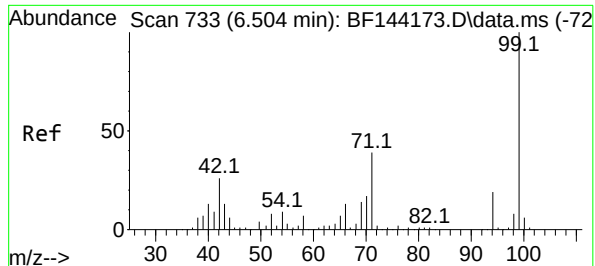
Tgt Ion:112 Resp: 509184
Ion Ratio Lower Upper
112 100
64 59.7 47.2 70.8
63 31.9 24.4 36.6



#6
Aniline
Concen: 62.194 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 93 Resp: 409356
Ion Ratio Lower Upper
93 100
66 43.6 34.3 51.5
65 21.0 16.9 25.3





#7

Phenol-d6

Concen: 121.101 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

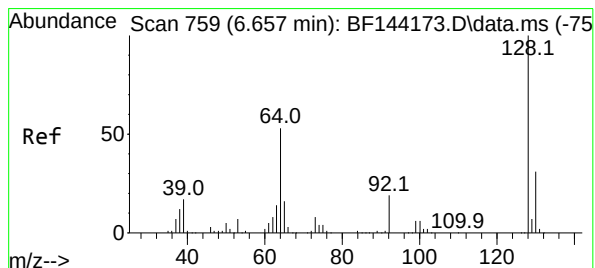
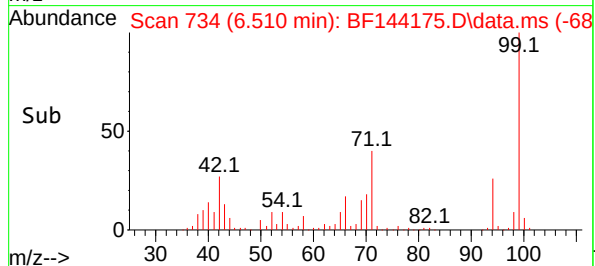
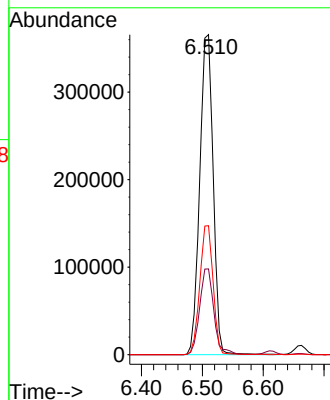
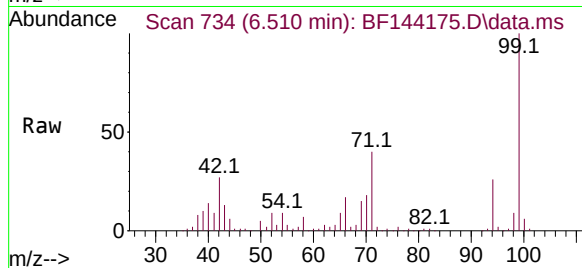
Tgt Ion: 99 Resp: 559443

Ion Ratio Lower Upper

99 100

42 26.8 20.9 31.3

71 40.3 31.4 47.2



#8

2-Chlorophenol

Concen: 61.902 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

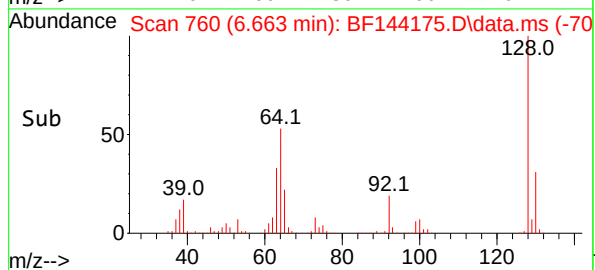
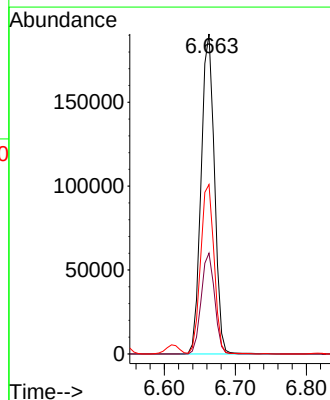
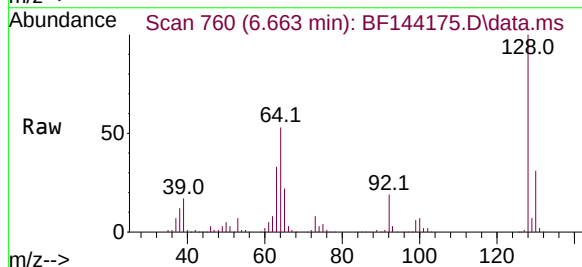
Tgt Ion: 128 Resp: 247503

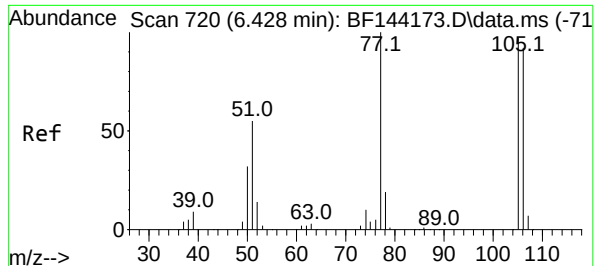
Ion Ratio Lower Upper

128 100

130 31.5 10.5 50.5

64 52.9 33.2 73.2



#9
Benzaldehyde

Concen: 57.706 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

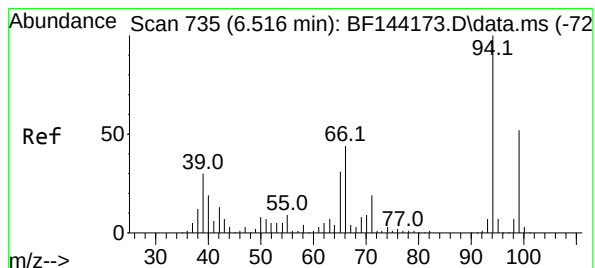
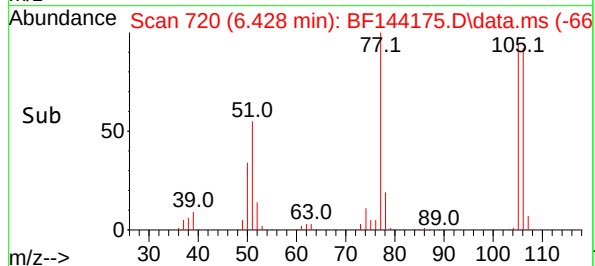
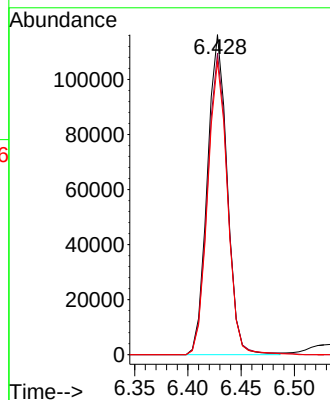
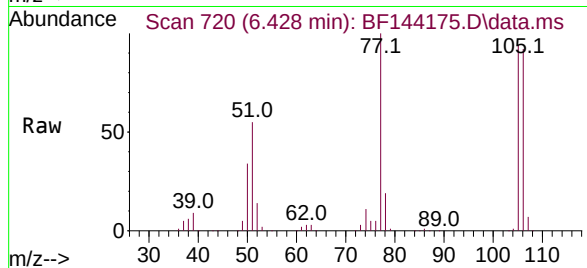
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 150534

Ion	Ratio	Lower	Upper
77	100		
105	94.2	77.2	117.2
106	91.6	72.2	112.2



#10

Phenol

Concen: 60.707 ng

RT: 6.522 min Scan# 736

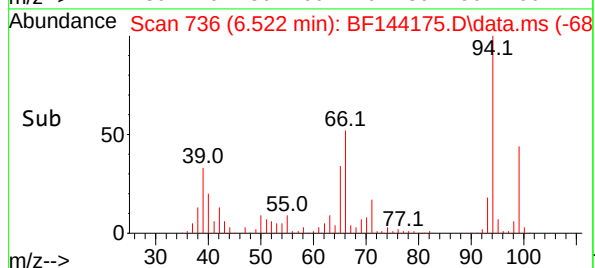
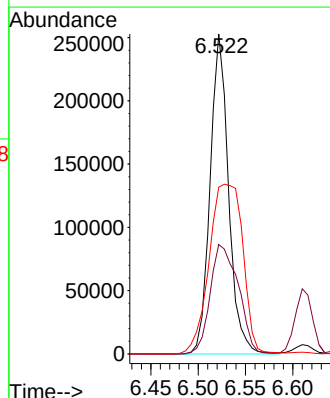
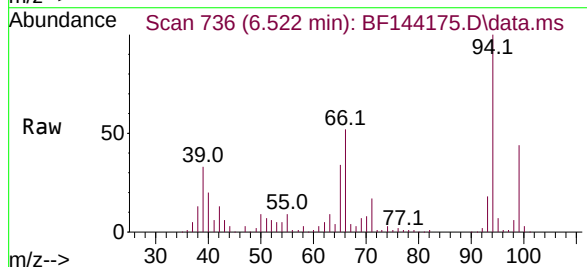
Delta R.T. -0.006 min

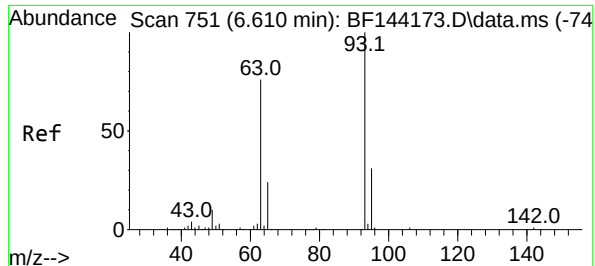
Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion: 94 Resp: 342646

Ion	Ratio	Lower	Upper
94	100		
65	34.2	10.8	50.8
66	52.1	24.3	64.3

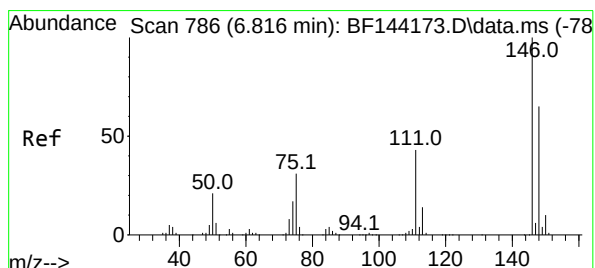
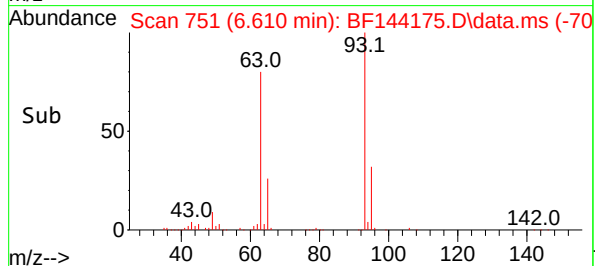
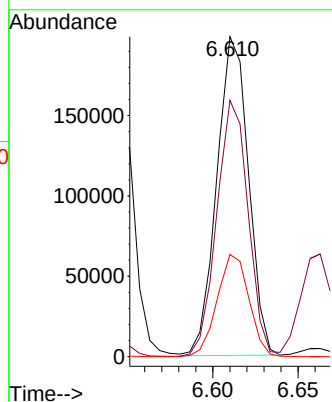
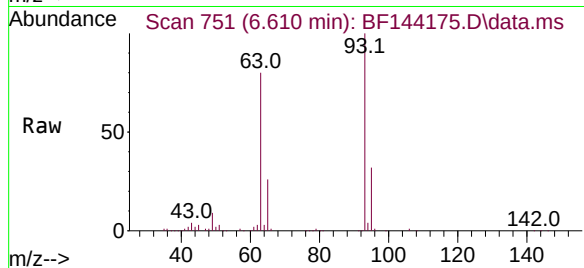




#11
bis(2-Chloroethyl)ether
Concen: 62.405 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

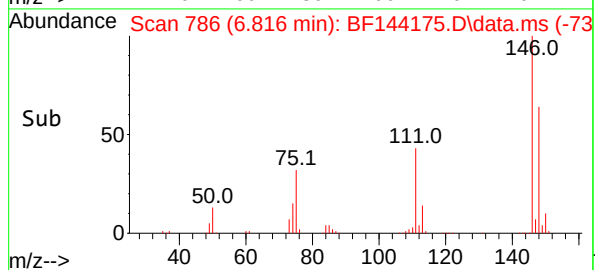
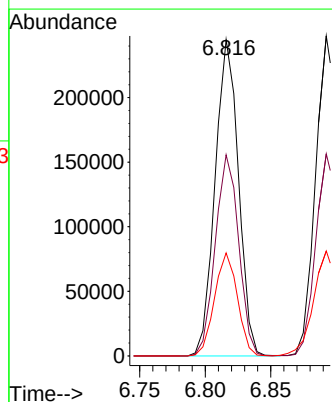
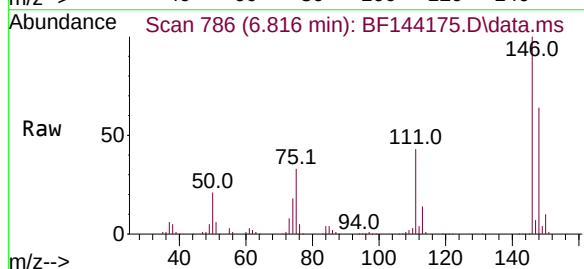
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

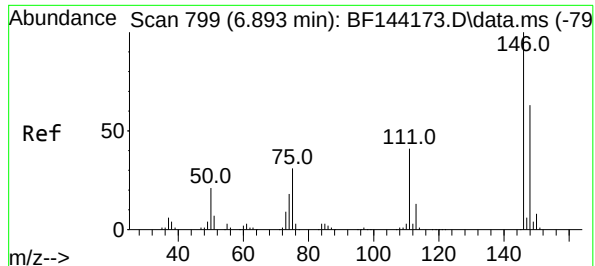
Tgt Ion: 93 Resp: 256657
Ion Ratio Lower Upper
93 100
63 80.1 55.2 95.2
95 31.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 61.543 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 146 Resp: 303642
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 32.6 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 62.104 ng

RT: 6.892 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

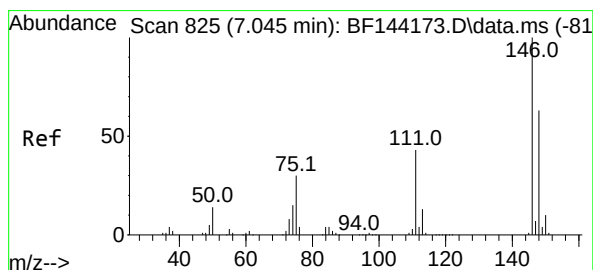
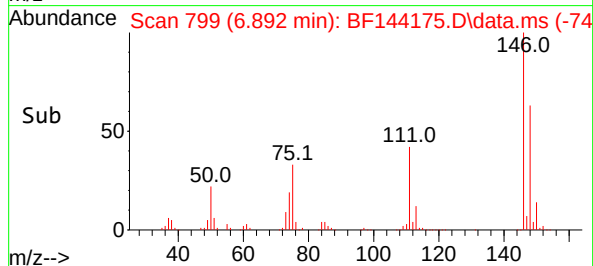
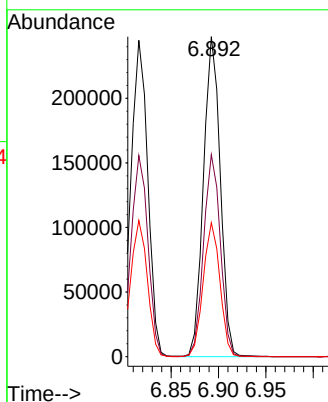
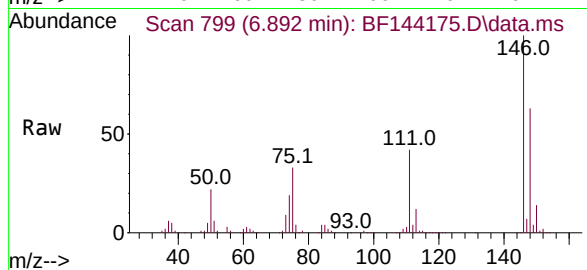
Tgt Ion:146 Resp: 306973

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

111 41.8 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 61.936 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

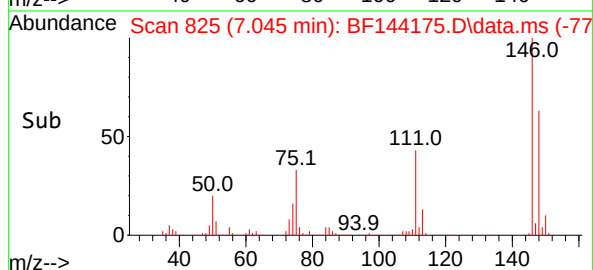
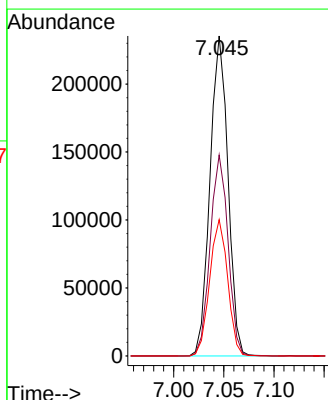
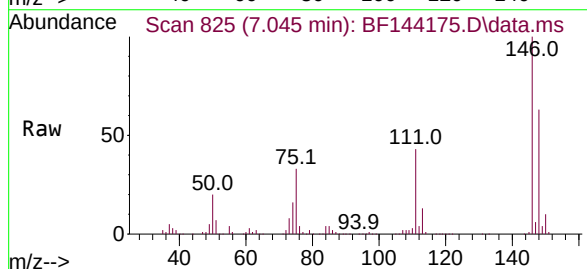
Tgt Ion:146 Resp: 293432

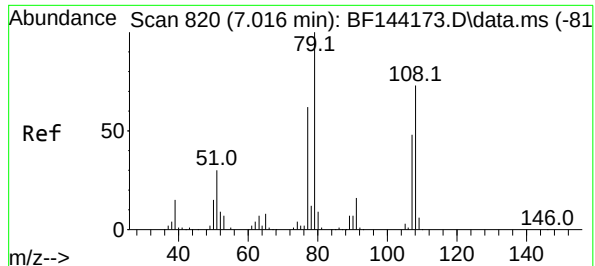
Ion Ratio Lower Upper

146 100

148 62.8 50.7 76.1

111 42.6 34.2 51.4

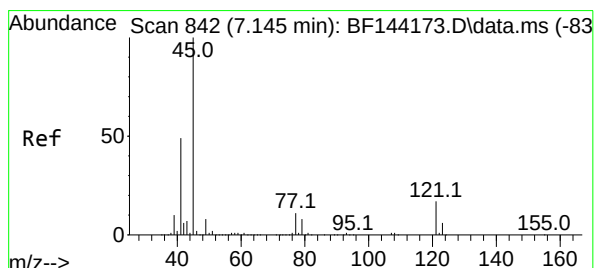
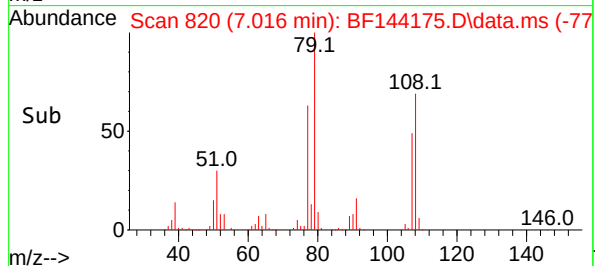
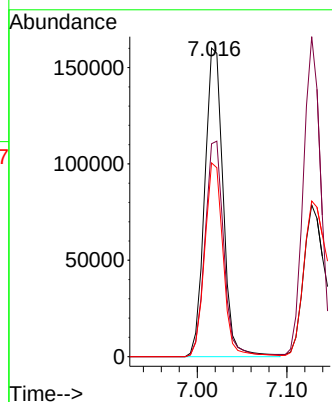
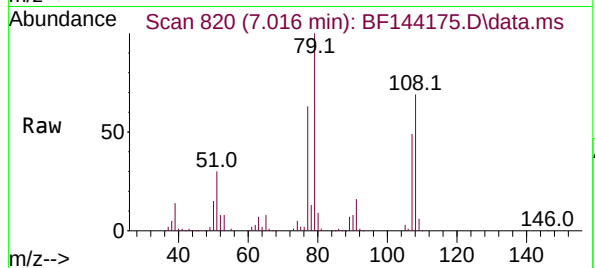




#15
Benzyl Alcohol
Concen: 62.632 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

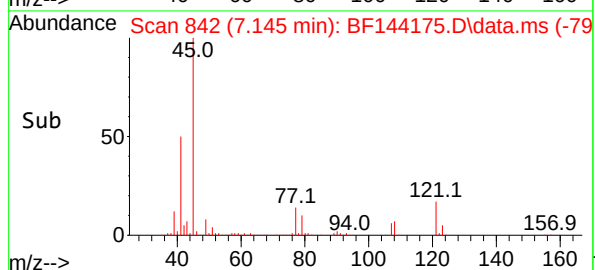
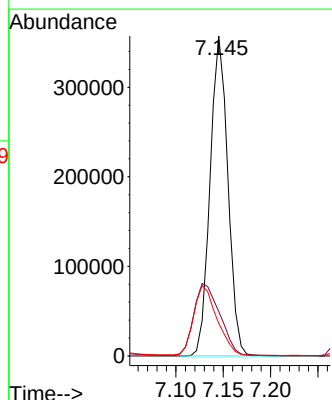
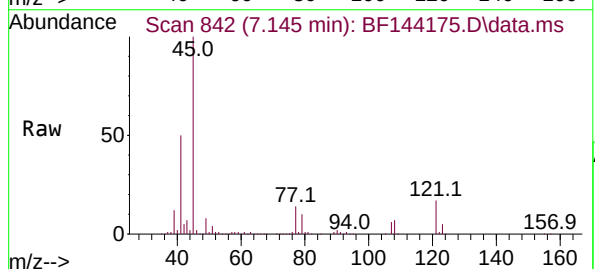
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

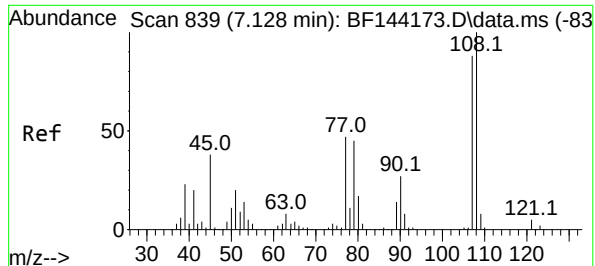
Tgt Ion: 79 Resp: 229107
Ion Ratio Lower Upper
79 100
108 69.0 58.2 87.4
77 62.8 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 61.712 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 45 Resp: 467387
Ion Ratio Lower Upper
45 100
77 13.9 0.0 31.8
79 10.2 0.0 29.1

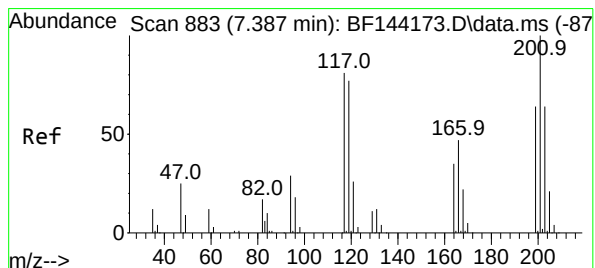
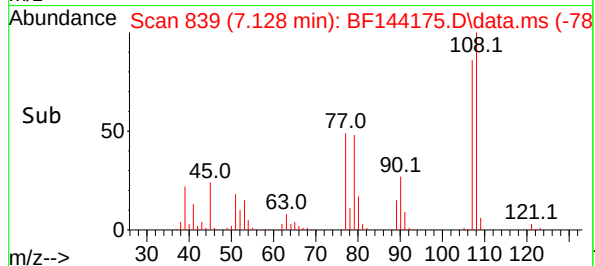
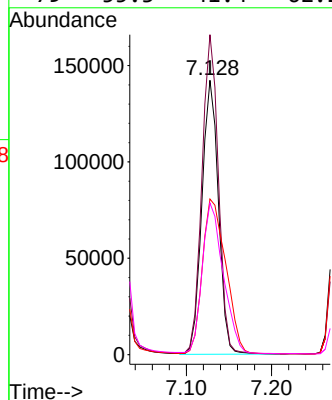
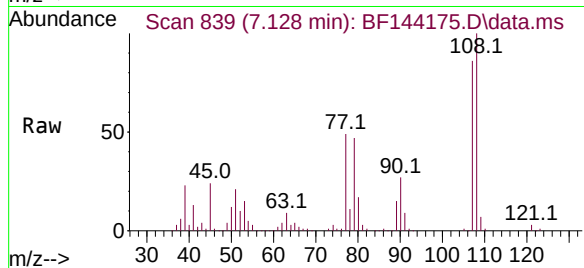




#17
2-Methylphenol
Concen: 60.269 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

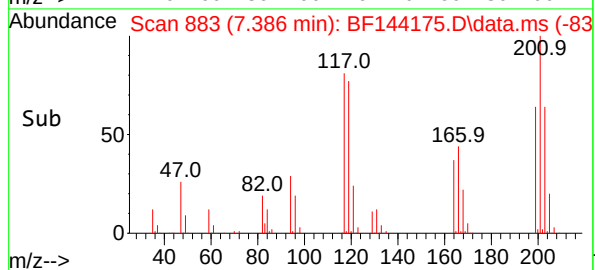
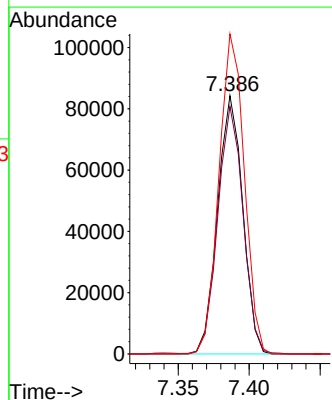
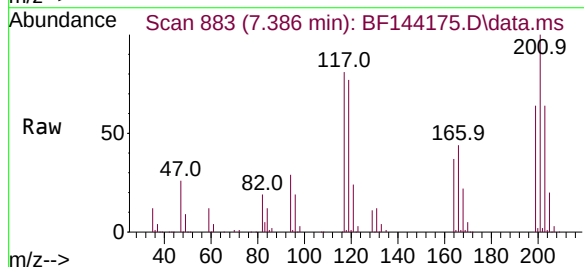
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

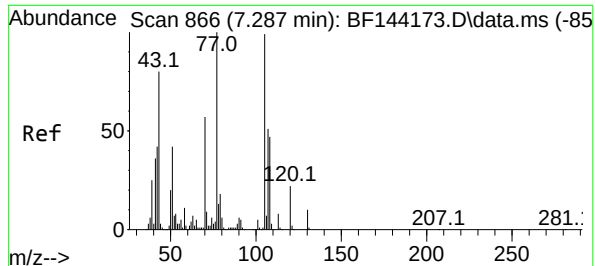
Tgt Ion:	107	Resp:	191705
Ion	Ratio	Lower	Upper
107	100		
108	116.6	91.0	136.4
77	56.7	42.7	64.1
79	55.3	41.4	62.2



#18
Hexachloroethane
Concen: 63.308 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:	117	Resp:	103964
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	123.9	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 58.963 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 179314

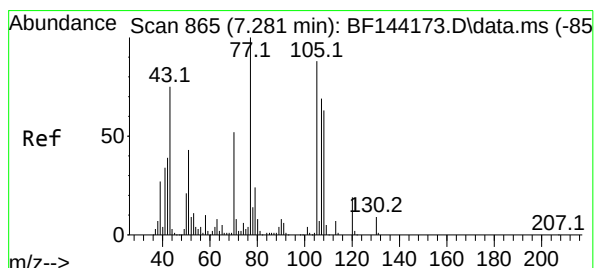
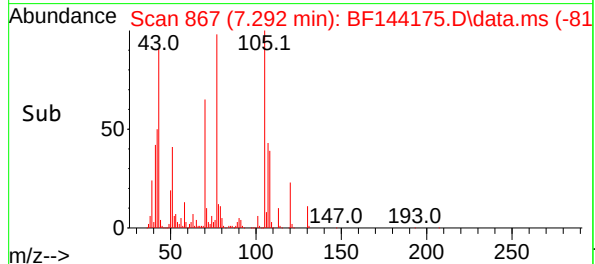
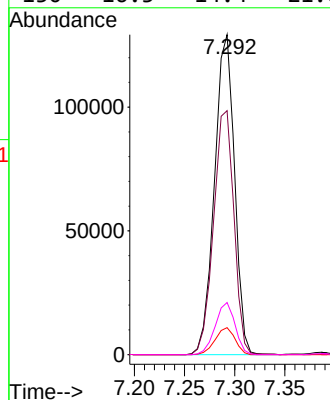
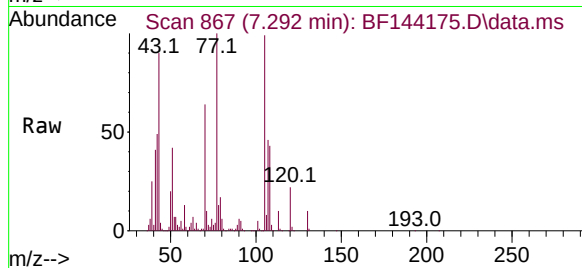
Ion Ratio Lower Upper

70 100

42 76.2 58.3 87.5

101 8.4 7.0 10.6

130 16.3 14.4 21.6



#20

3+4-Methylphenols

Concen: 59.977 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion: 107 Resp: 224891

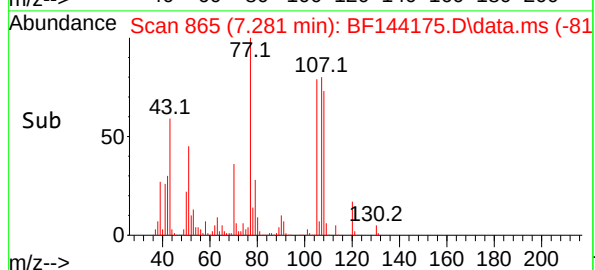
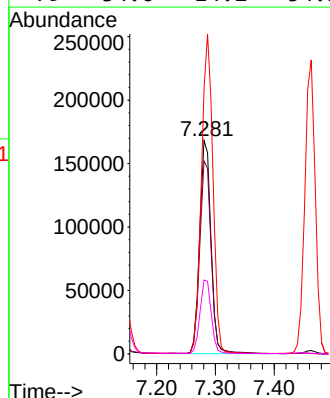
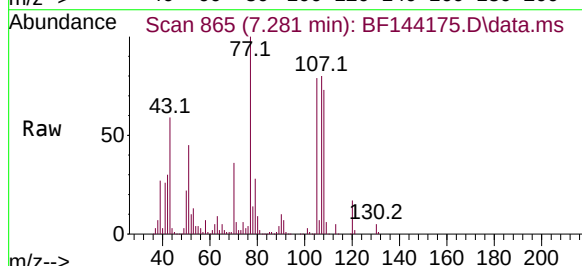
Ion Ratio Lower Upper

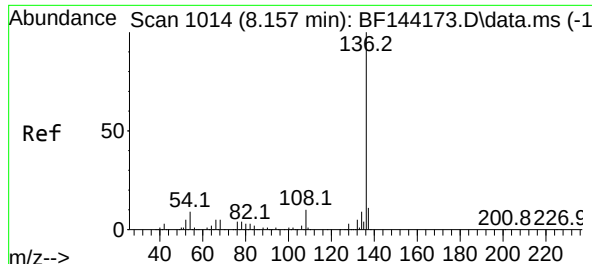
107 100

108 90.4 70.2 110.2

77 124.2 123.9 163.9

79 34.6 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 239743

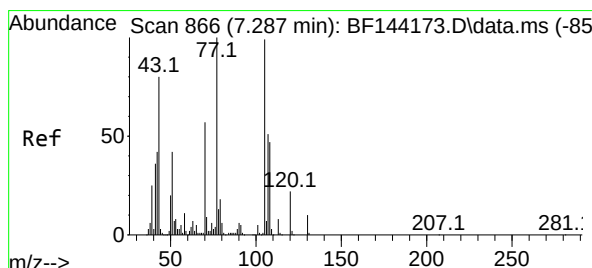
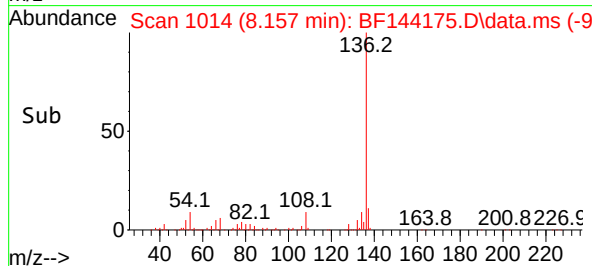
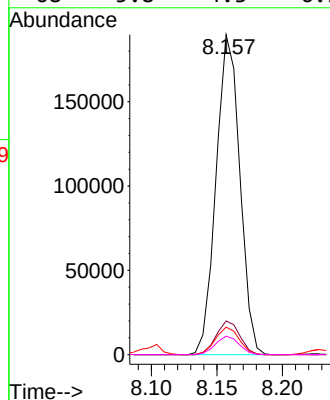
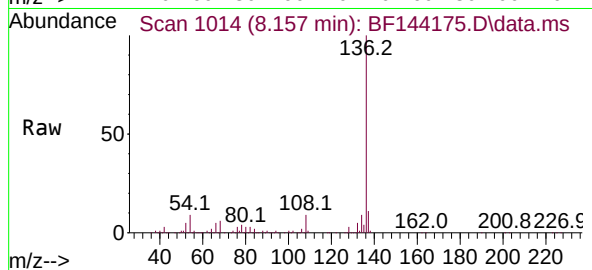
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.6 7.0 10.6

68 5.8 4.3 6.5



#22

Acetophenone

Concen: 58.897 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion:105 Resp: 302907

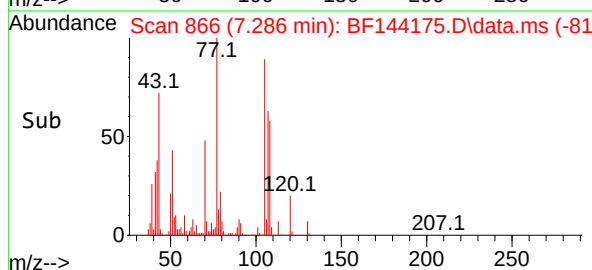
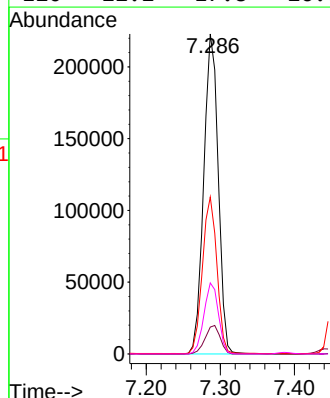
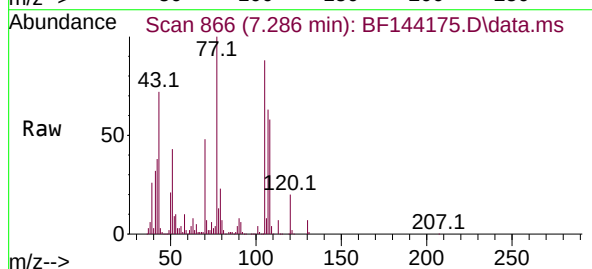
Ion Ratio Lower Upper

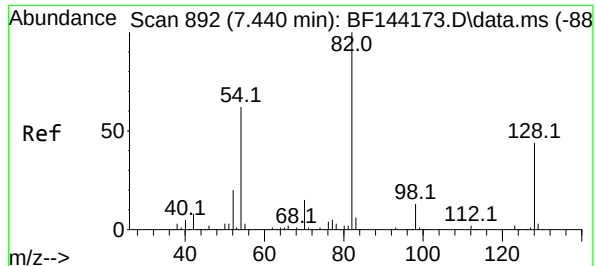
105 100

71 8.4 7.2 10.8

51 49.0 34.0 51.0

120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 125.195 ng

RT: 7.439 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

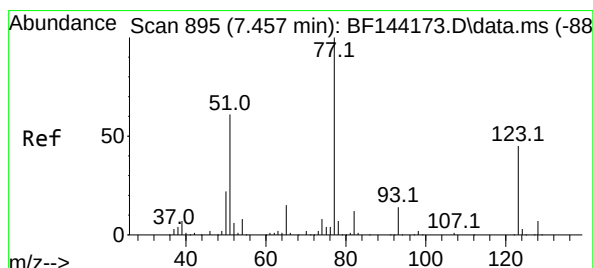
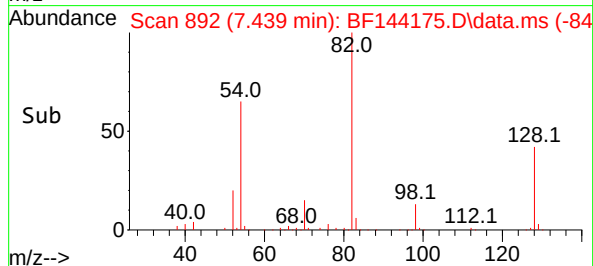
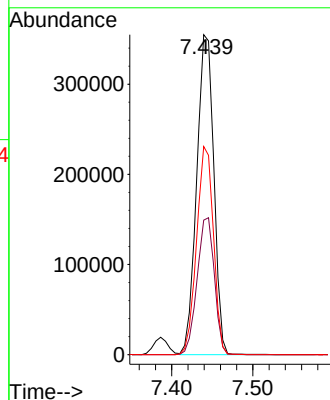
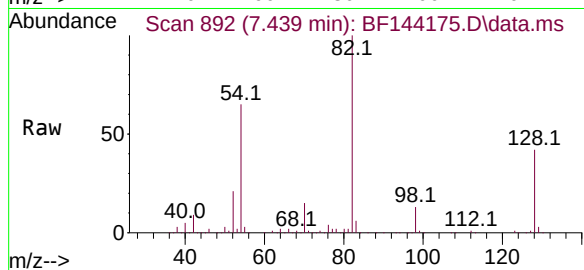
Tgt Ion: 82 Resp: 519687

Ion Ratio Lower Upper

82 100

128 42.0 34.7 52.1

54 65.1 49.5 74.3



#24

Nitrobenzene

Concen: 63.439 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

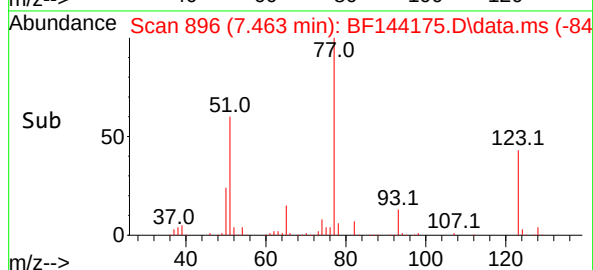
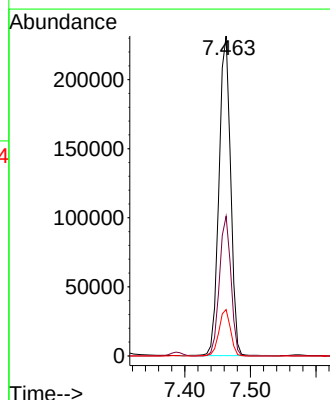
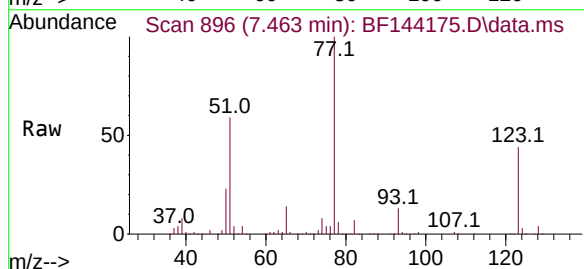
Tgt Ion: 77 Resp: 285924

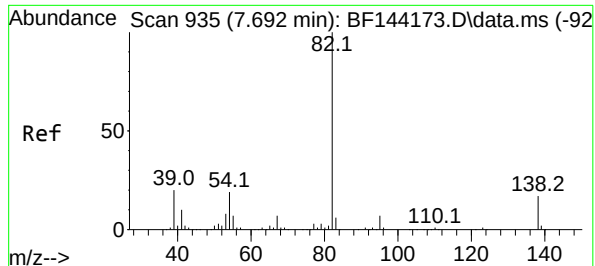
Ion Ratio Lower Upper

77 100

123 43.6 35.8 53.8

65 14.5 12.2 18.2

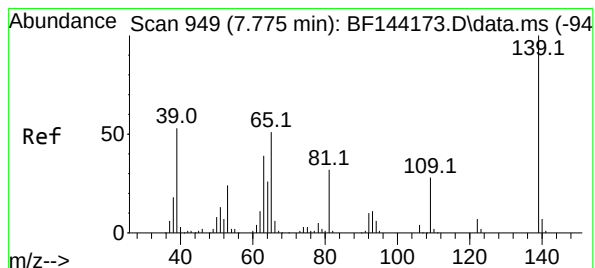
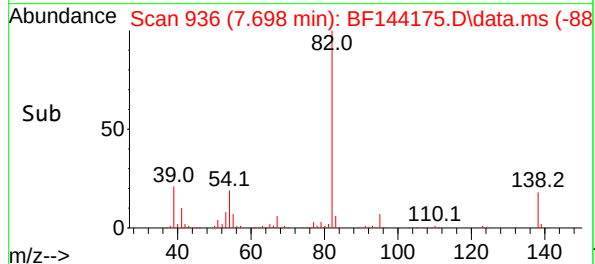
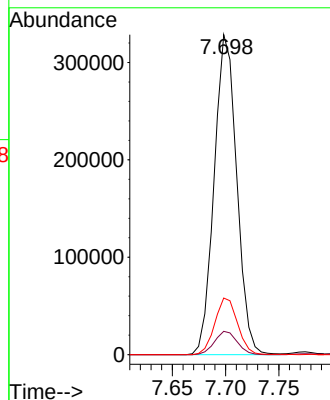
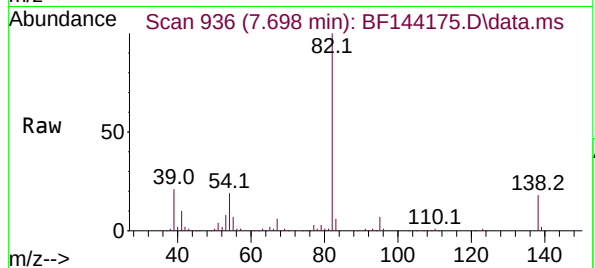




#25
Isophorone
Concen: 61.876 ng
RT: 7.698 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

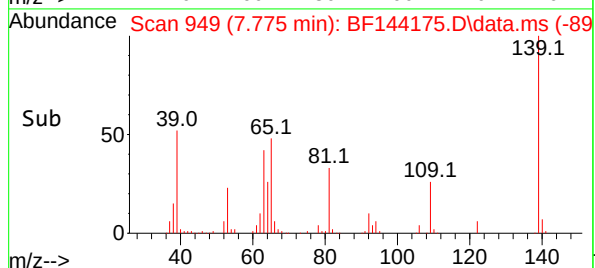
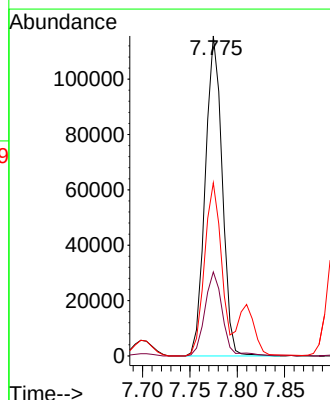
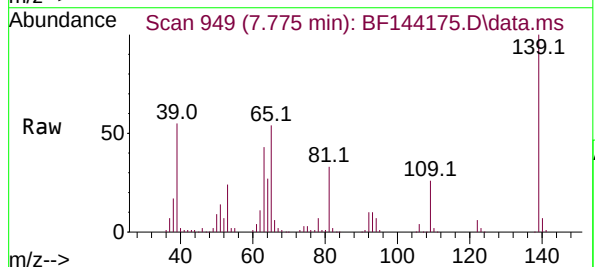
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

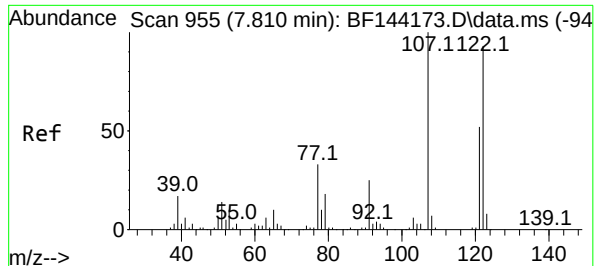
Tgt Ion: 82 Resp: 485836
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.7 13.7 20.5



#26
2-Nitrophenol
Concen: 64.606 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 139 Resp: 144140
Ion Ratio Lower Upper
139 100
109 26.2 22.2 33.2
65 54.1 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 63.471 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

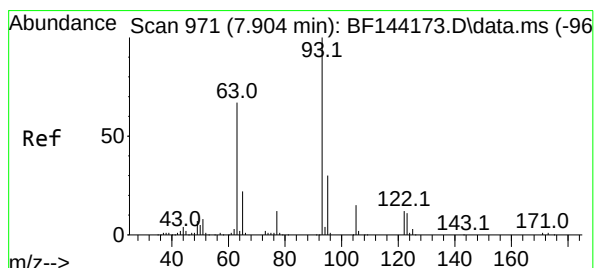
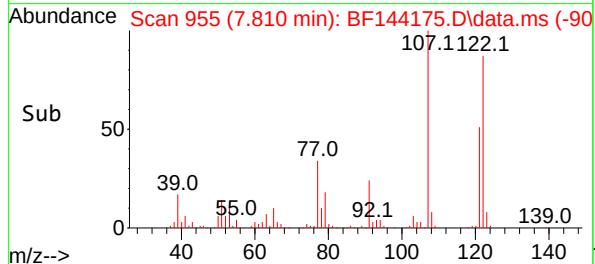
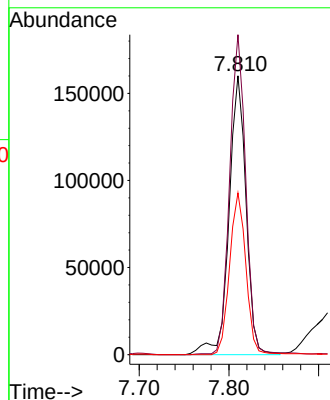
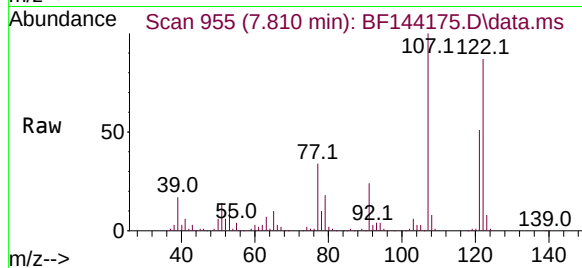
Tgt Ion:122 Resp: 212249

Ion Ratio Lower Upper

122 100

107 114.7 86.2 129.4

121 58.0 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 62.085 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

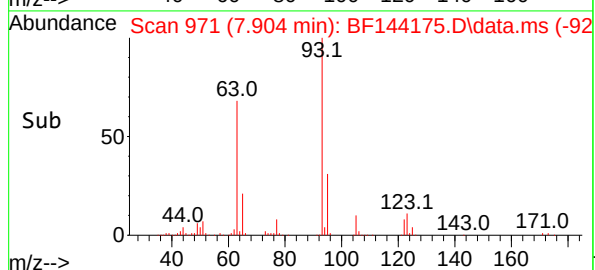
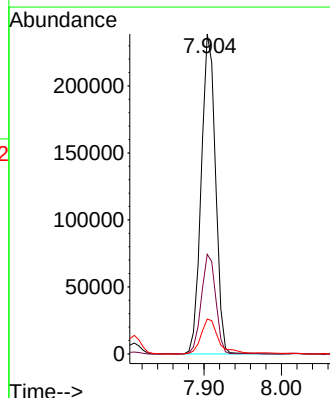
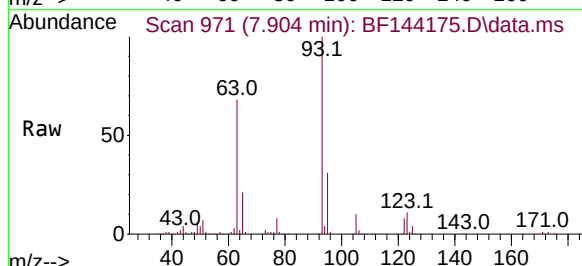
Tgt Ion: 93 Resp: 304411

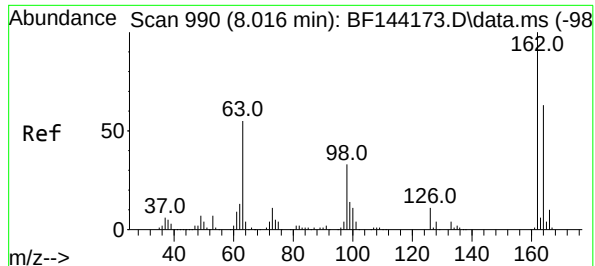
Ion Ratio Lower Upper

93 100

95 31.1 24.2 36.4

123 10.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 60.899 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

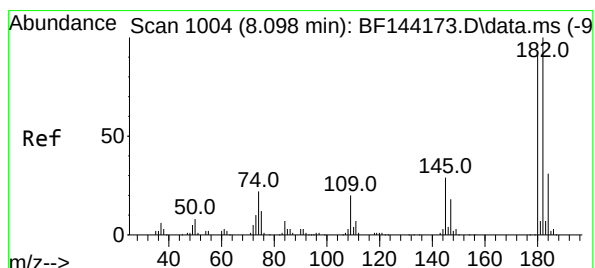
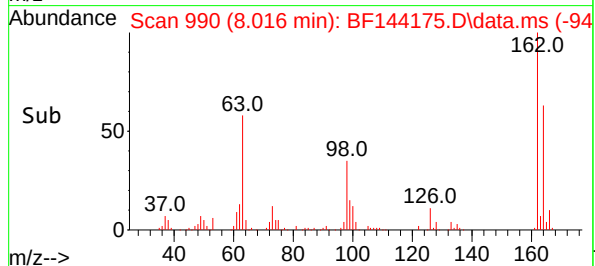
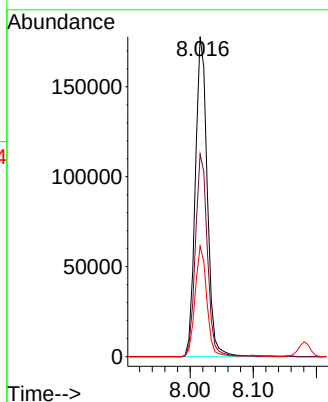
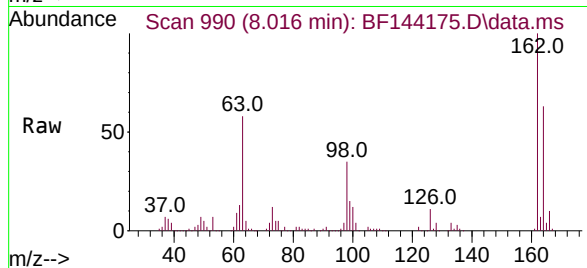
Tgt Ion:162 Resp: 234718

Ion Ratio Lower Upper

162 100

164 63.3 42.9 82.9

98 34.5 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 60.858 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

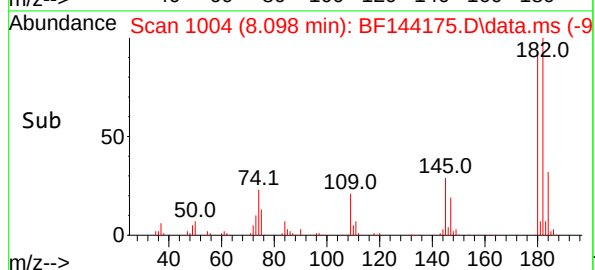
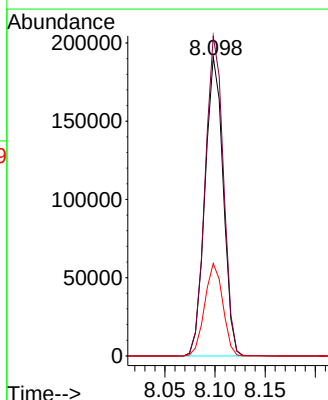
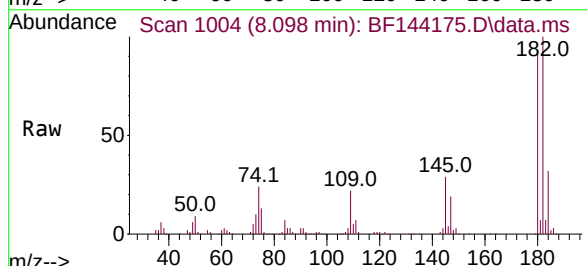
Tgt Ion:180 Resp: 240858

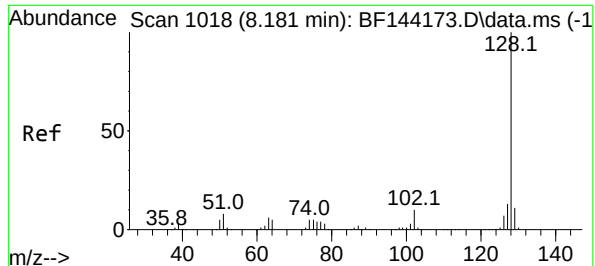
Ion Ratio Lower Upper

180 100

182 107.0 87.7 131.5

145 30.9 25.4 38.0

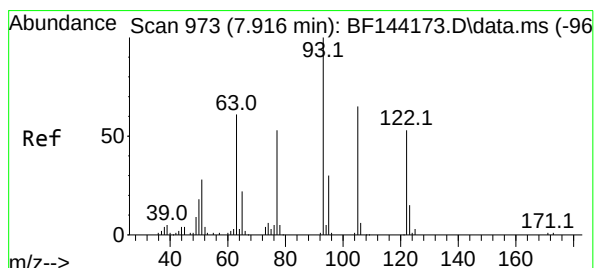
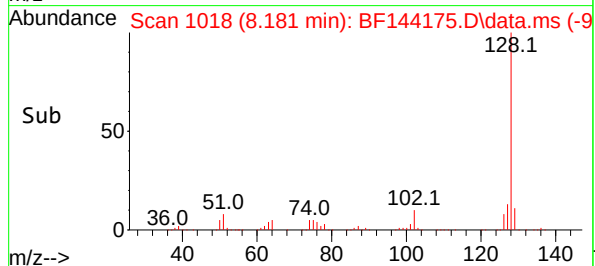
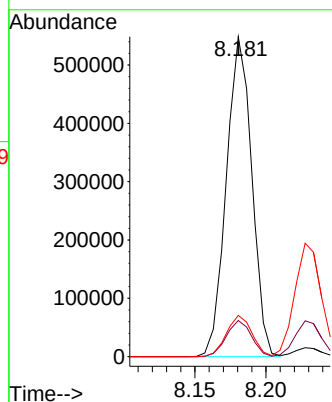
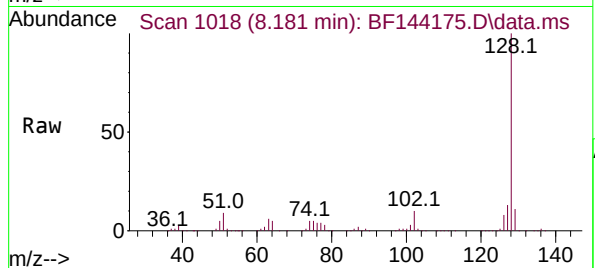




#31
Naphthalene
Concen: 60.028 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

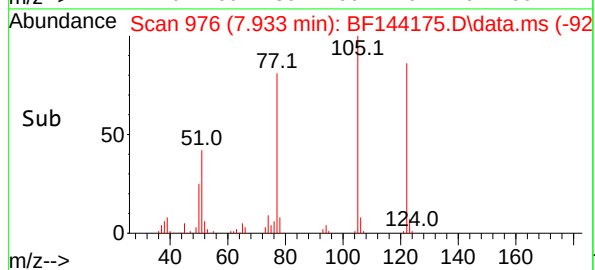
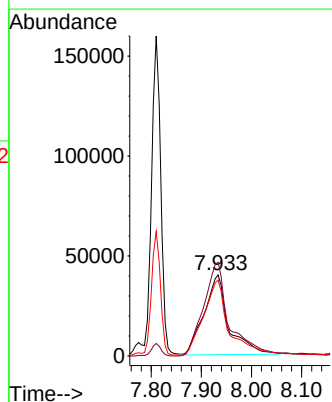
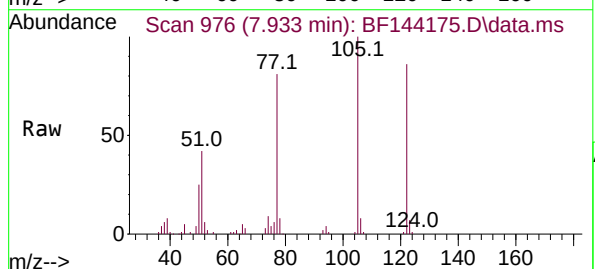
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

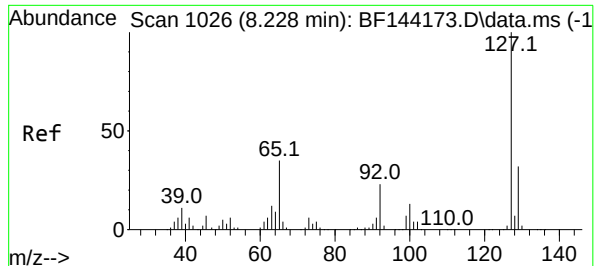
Tgt Ion:128 Resp: 684579
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 55.761 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:122 Resp: 136682
Ion Ratio Lower Upper
122 100
105 115.8 99.9 139.9
77 93.8 77.5 117.5





#33

4-Chloroaniline

Concen: 61.441 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 255554

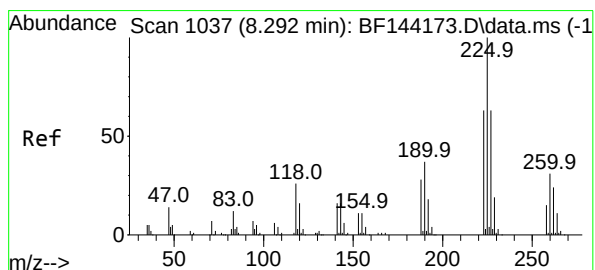
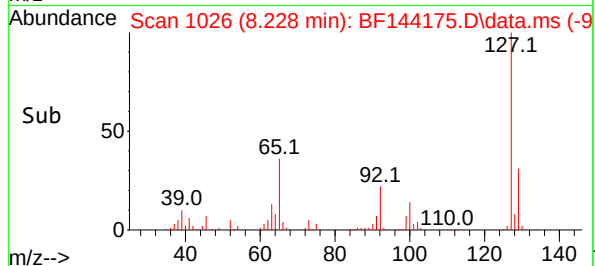
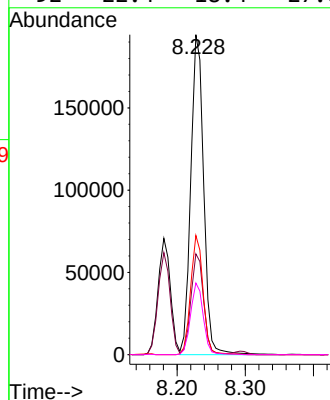
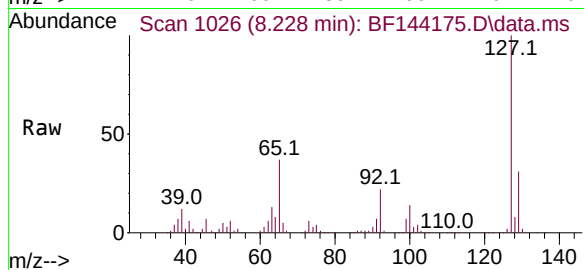
Ion Ratio Lower Upper

127 100

129 31.5 25.3 37.9

65 37.2 27.6 41.4

92 22.4 18.4 27.6



#34

Hexachlorobutadiene

Concen: 61.229 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

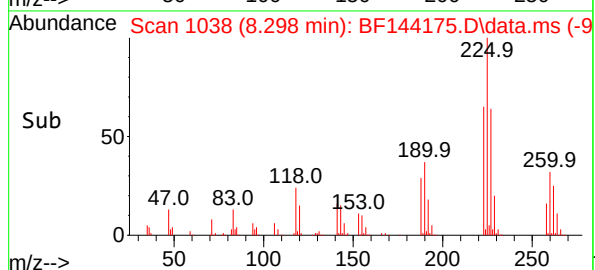
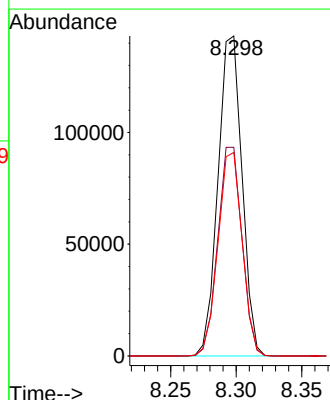
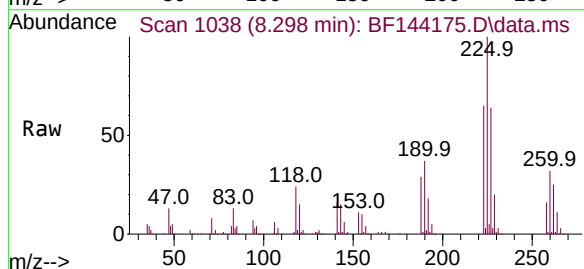
Tgt Ion:225 Resp: 182626

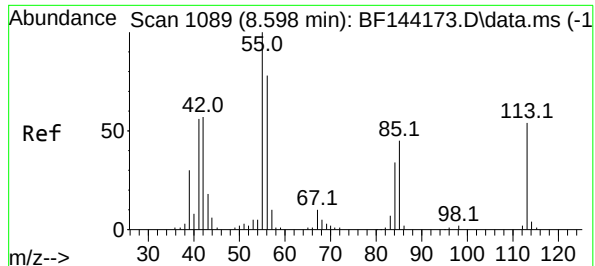
Ion Ratio Lower Upper

225 100

223 65.2 50.2 75.4

227 63.6 50.1 75.1





#35

Caprolactam

Concen: 59.512 ng

RT: 8.610 min Scan# 1091

Delta R.T. -0.012 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

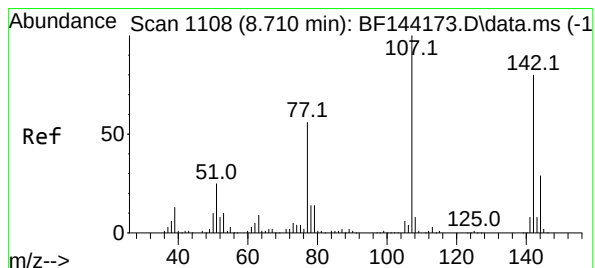
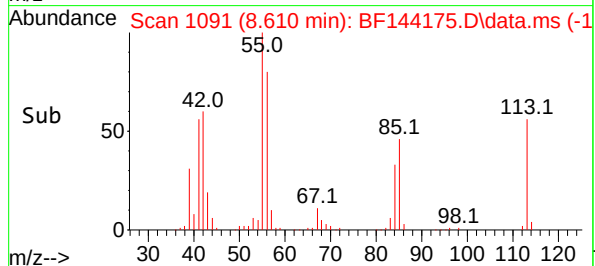
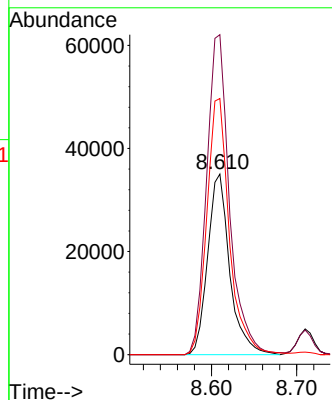
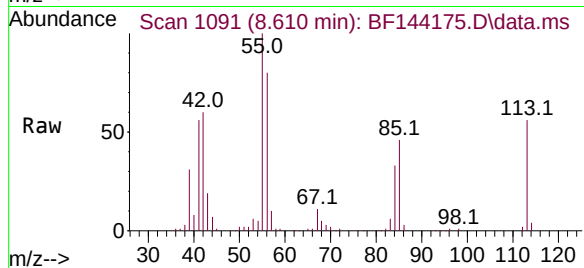
Tgt Ion:113 Resp: 62840

Ion Ratio Lower Upper

113 100

55 177.2 166.8 206.8

56 141.8 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 60.481 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

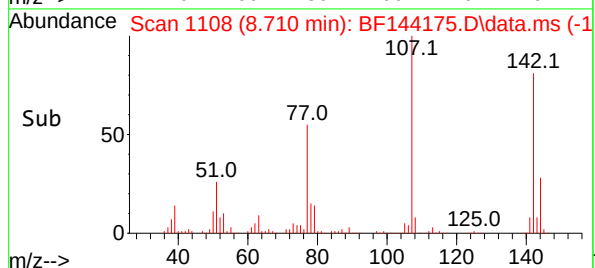
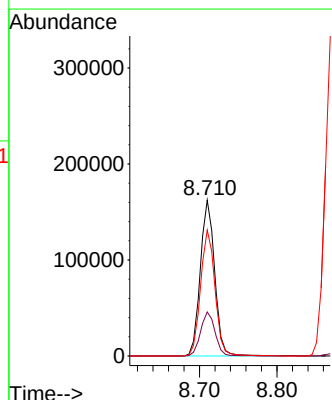
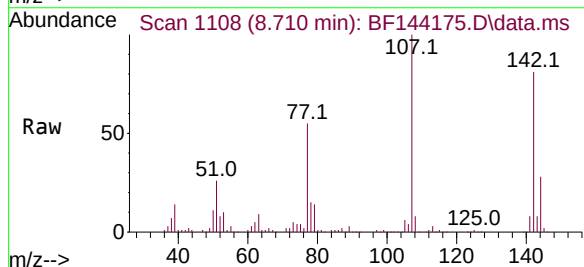
Tgt Ion:107 Resp: 208910

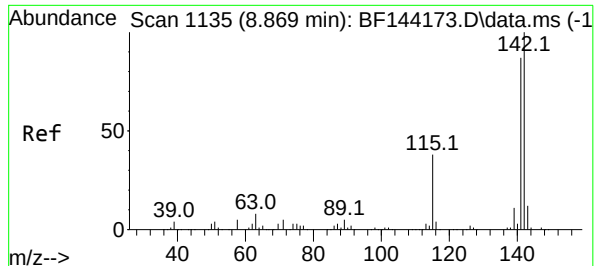
Ion Ratio Lower Upper

107 100

144 28.2 23.3 34.9

142 80.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 58.743 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

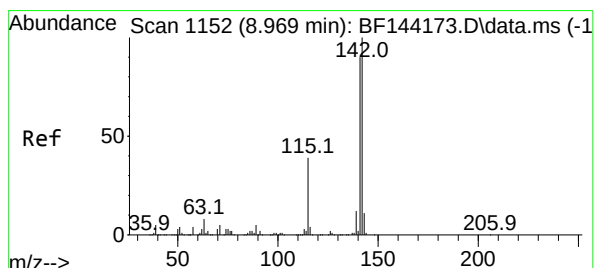
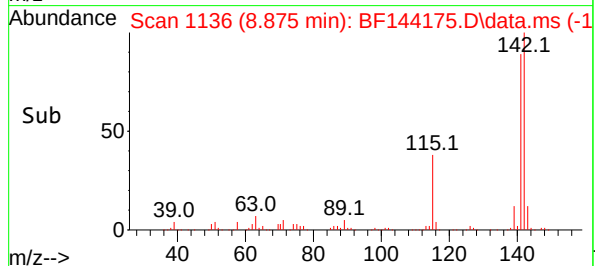
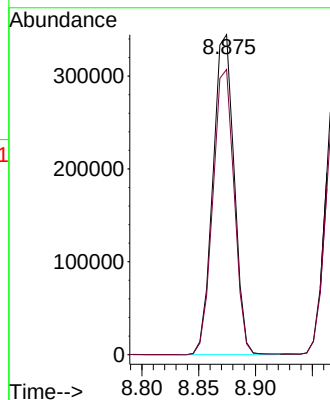
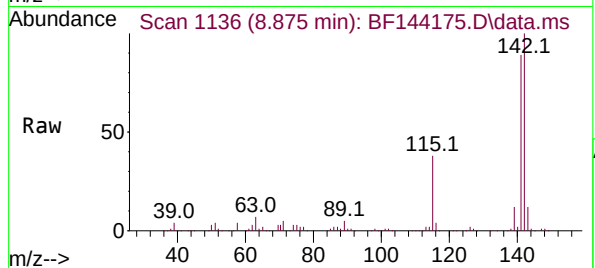
SSTDICC060

Tgt Ion:142 Resp: 447909

Ion Ratio Lower Upper

142 100

141 89.1 69.9 104.9



#38

1-Methylnaphthalene

Concen: 58.654 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144175.D

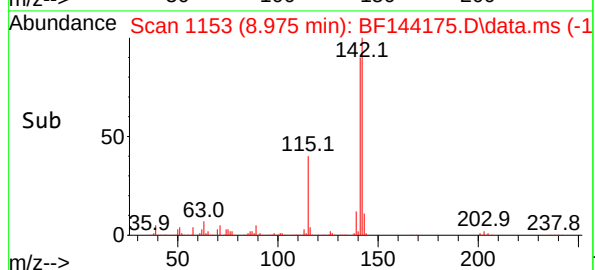
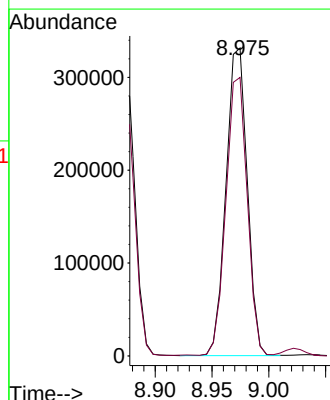
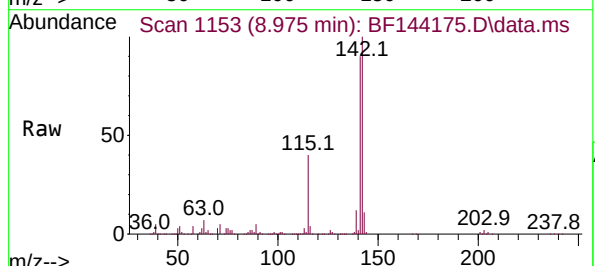
Acq: 05 Nov 2025 16:19

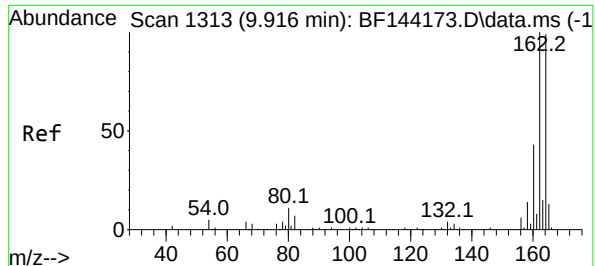
Tgt Ion:142 Resp: 431529

Ion Ratio Lower Upper

142 100

141 90.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

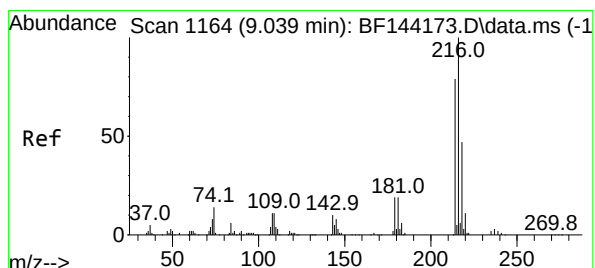
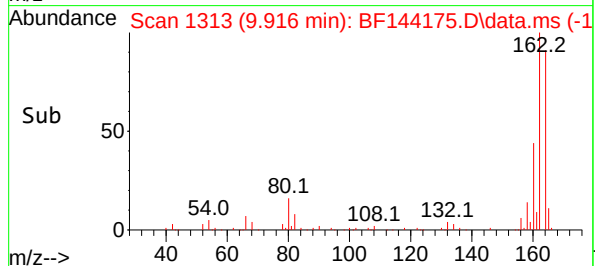
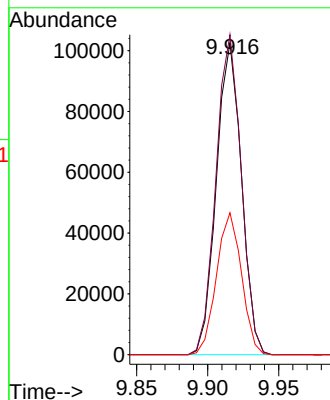
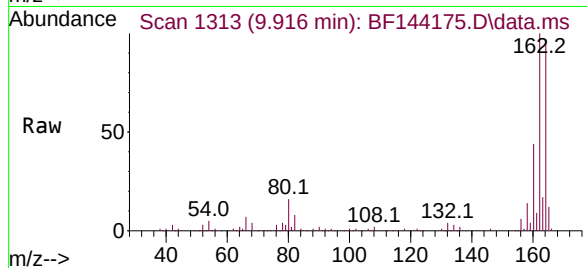
Tgt Ion:164 Resp: 126385

Ion Ratio Lower Upper

164 100

162 102.6 81.1 121.7

160 45.5 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 65.549 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion:216 Resp: 271508

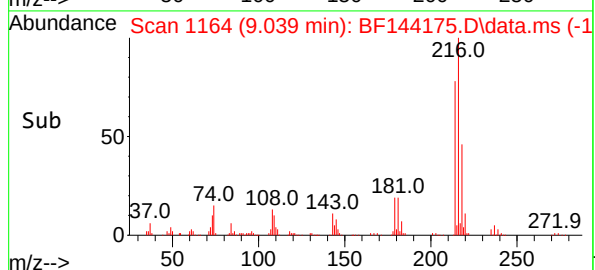
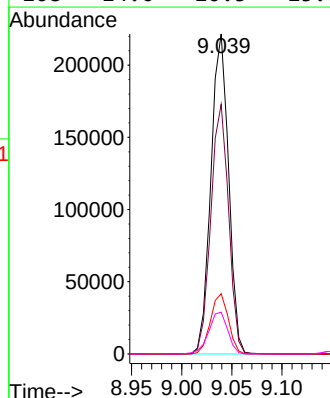
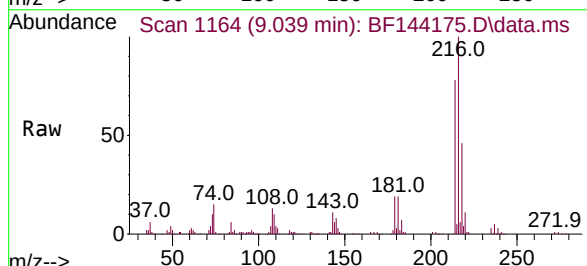
Ion Ratio Lower Upper

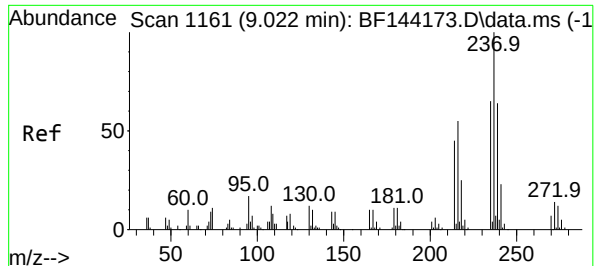
216 100

214 78.2 63.4 95.2

179 19.0 15.0 22.4

108 14.0 10.5 15.7

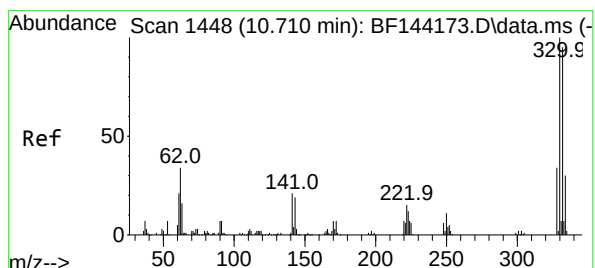
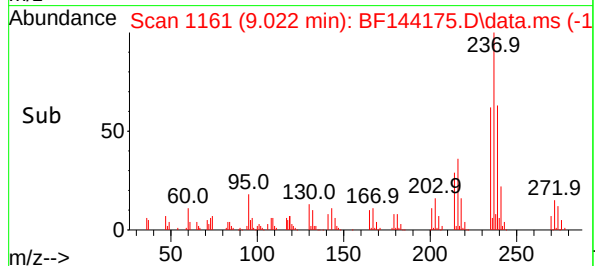
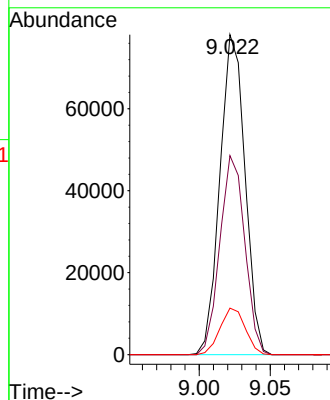
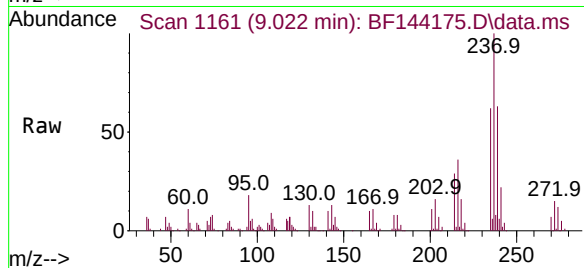




#41
Hexachlorocyclopentadiene
Concen: 64.419 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

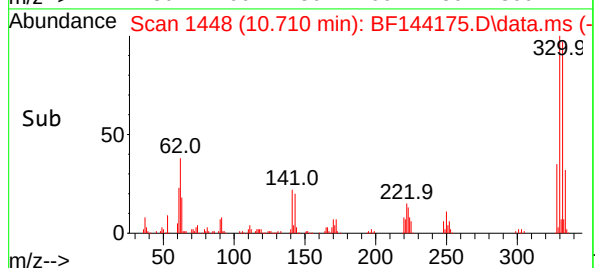
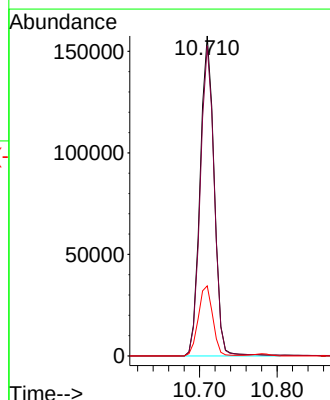
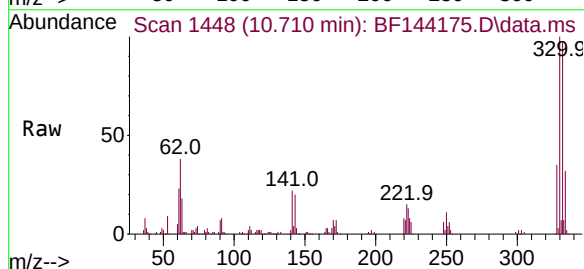
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

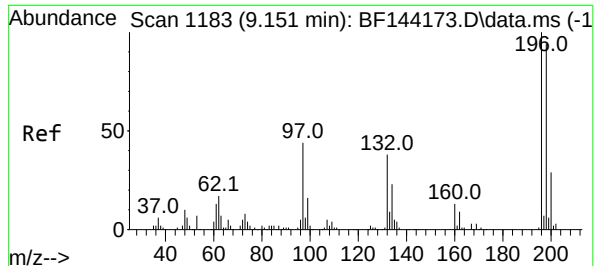
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.2	45.5	85.5
272	14.5	0.0	33.5



#42
2,4,6-Tribromophenol
Concen: 124.986 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	22.5	17.8	26.8





#43

2,4,6-Trichlorophenol

Concen: 65.769 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144175.D

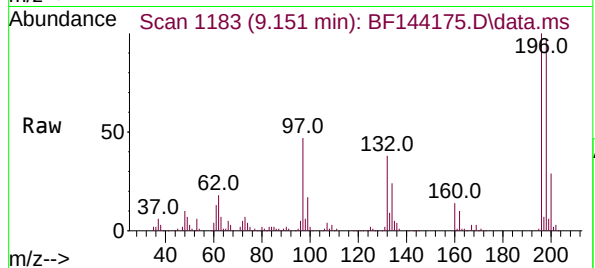
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



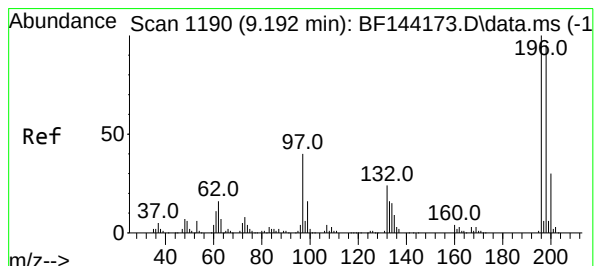
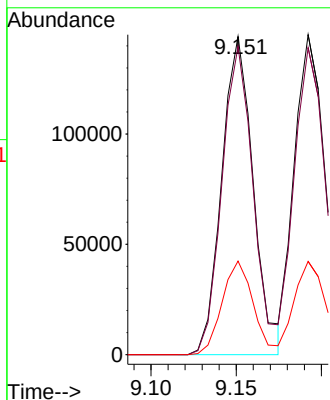
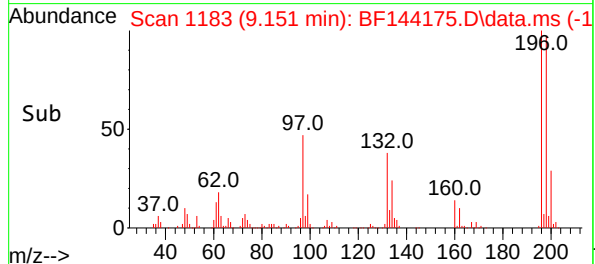
Tgt Ion:196 Resp: 185412

Ion Ratio Lower Upper

196 100

198 96.9 75.3 112.9

200 29.4 23.4 35.2



#44

2,4,5-Trichlorophenol

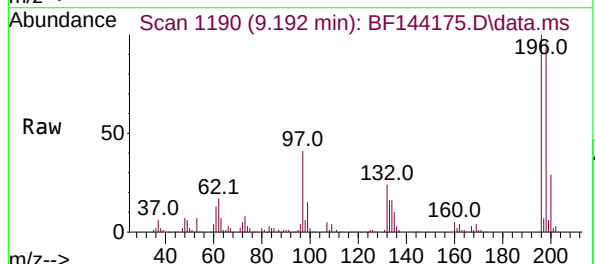
Concen: 62.639 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19



Tgt Ion:196 Resp: 190324

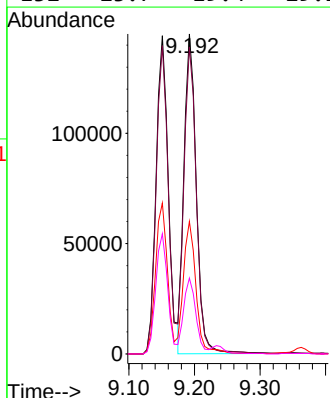
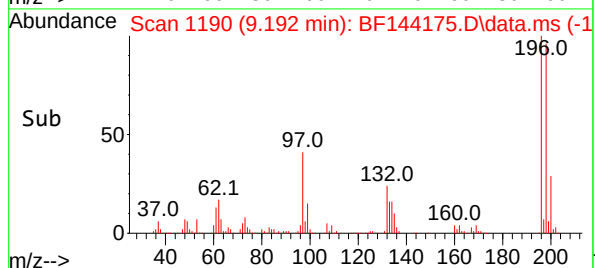
Ion Ratio Lower Upper

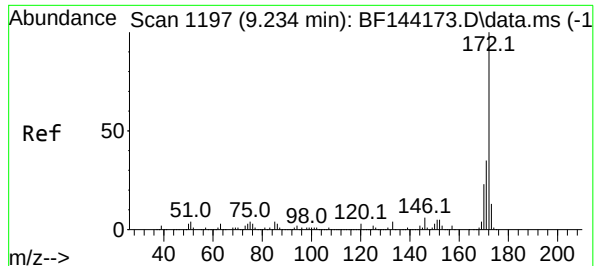
196 100

198 95.9 76.1 114.1

97 41.4 31.9 47.9

132 23.7 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 122.404 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

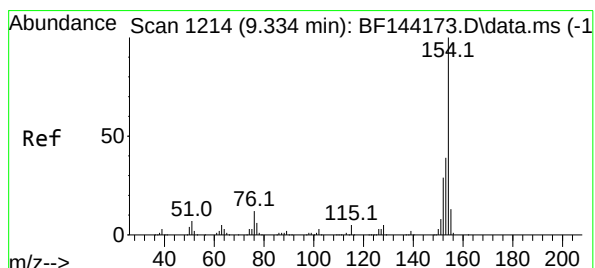
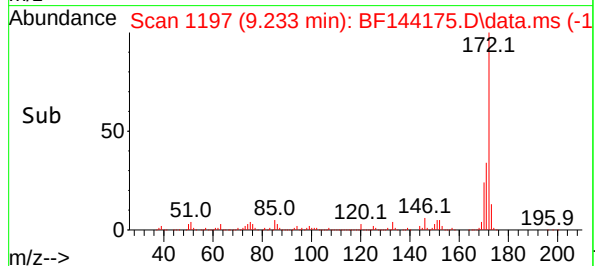
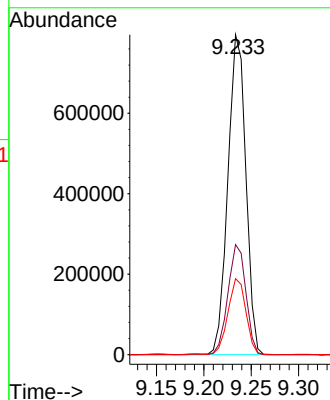
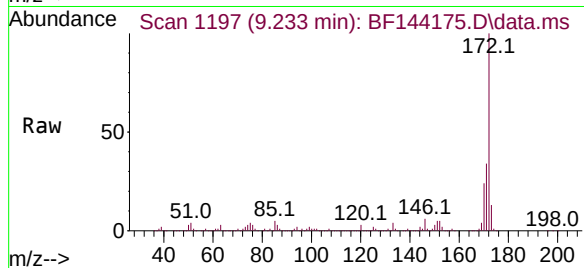
Tgt Ion:172 Resp: 1047440

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 62.310 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

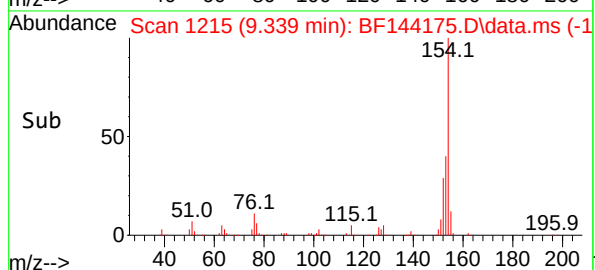
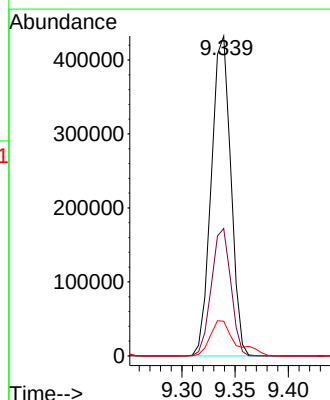
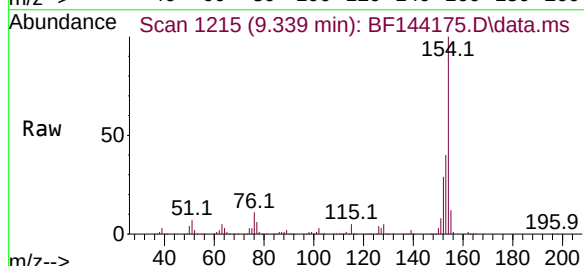
Tgt Ion:154 Resp: 549700

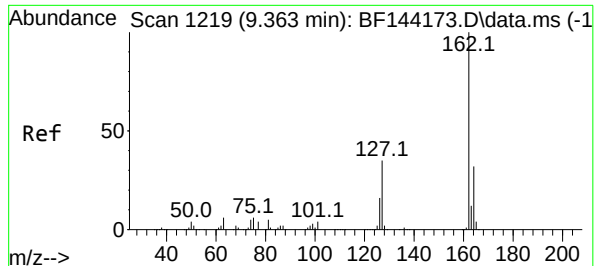
Ion Ratio Lower Upper

154 100

153 39.8 19.2 59.2

76 10.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 63.056 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

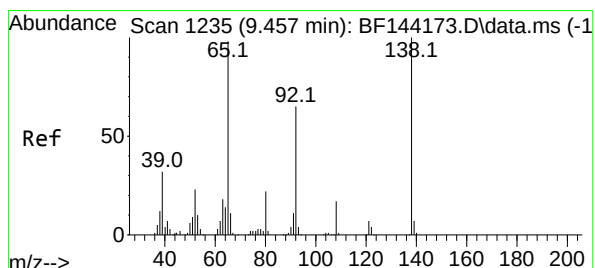
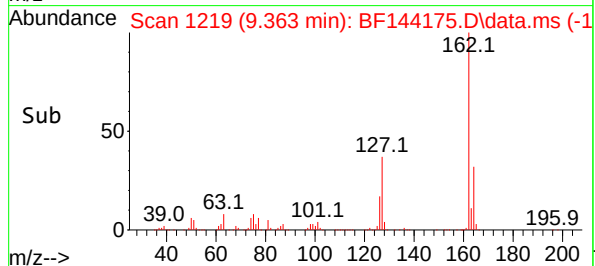
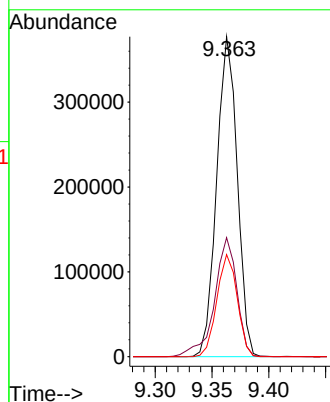
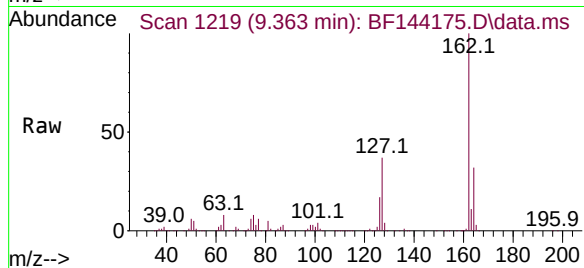
Tgt Ion:162 Resp: 474514

Ion Ratio Lower Upper

162 100

127 37.2 28.8 43.2

164 31.9 25.8 38.8



#48

2-Nitroaniline

Concen: 65.370 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

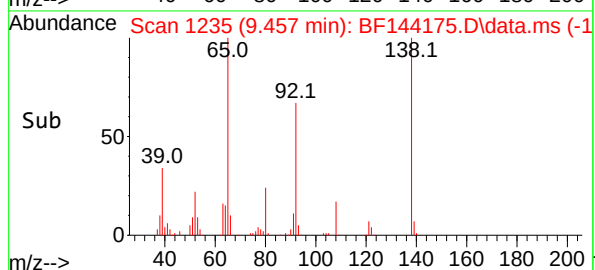
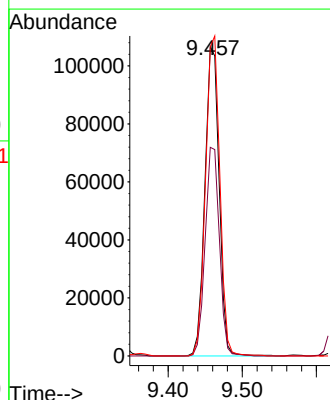
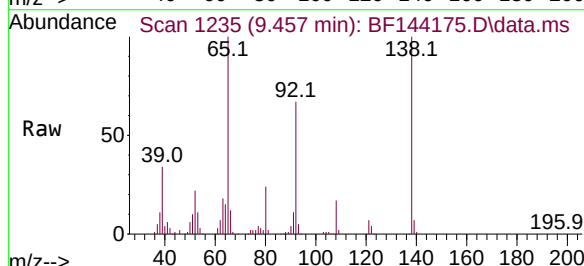
Tgt Ion: 65 Resp: 141938

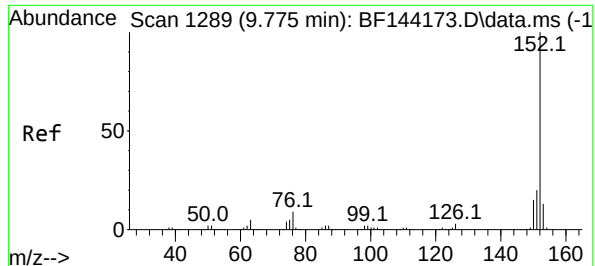
Ion Ratio Lower Upper

65 100

92 67.5 53.0 79.6

138 100.0 81.6 122.4





#49

Acenaphthylene

Concen: 62.050 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

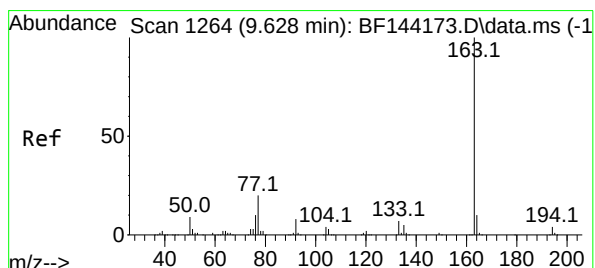
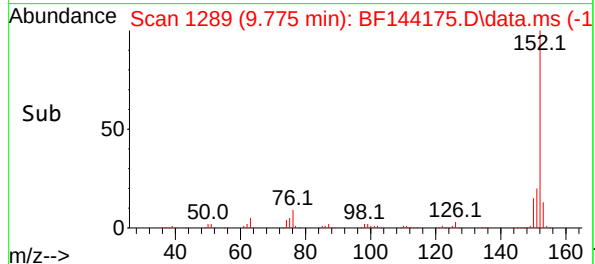
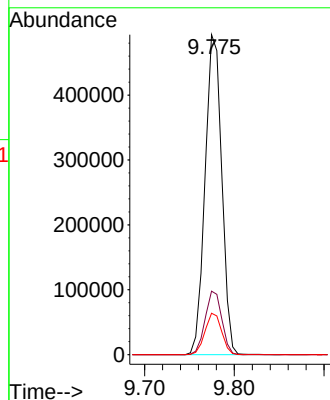
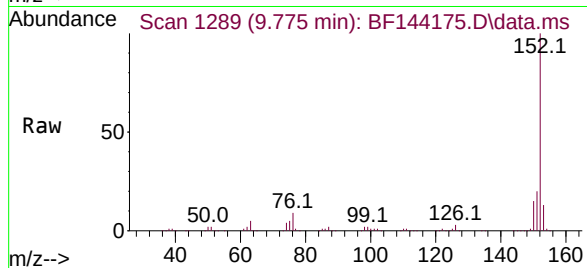
Tgt Ion:152 Resp: 636324

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 62.250 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

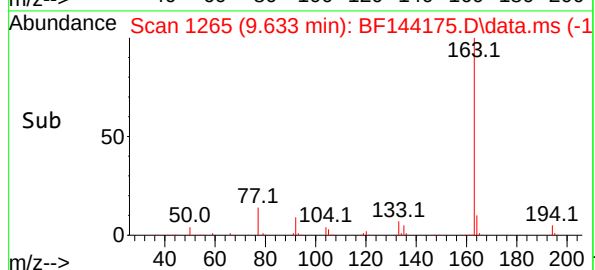
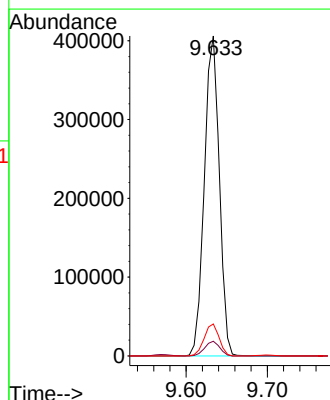
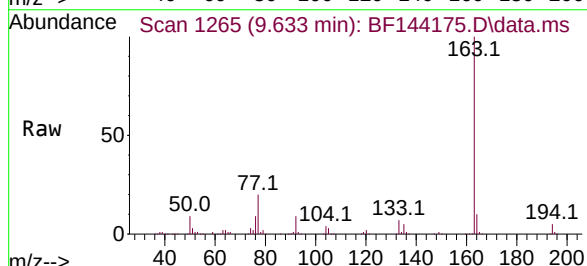
Tgt Ion:163 Resp: 521205

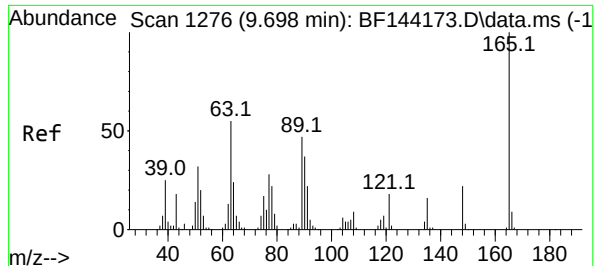
Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

164 10.0 8.1 12.1

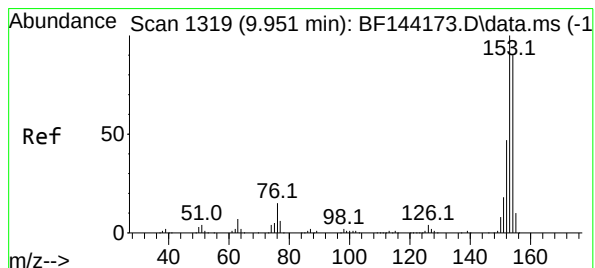
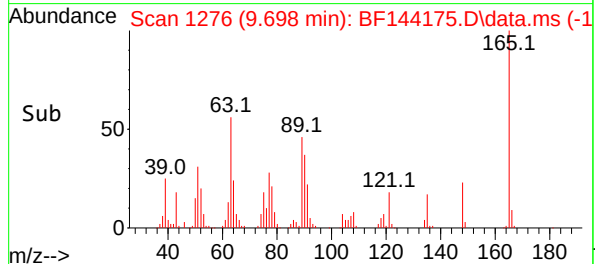
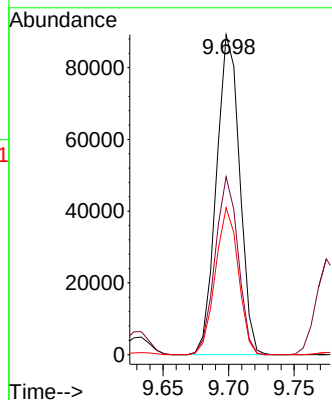
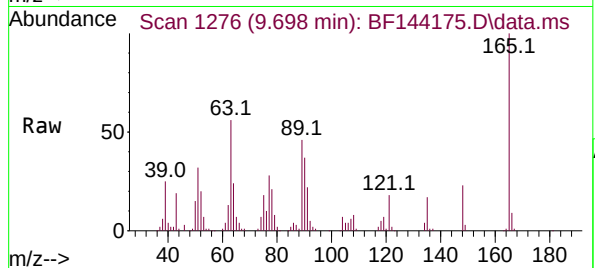




#51
2,6-Dinitrotoluene
Concen: 64.983 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

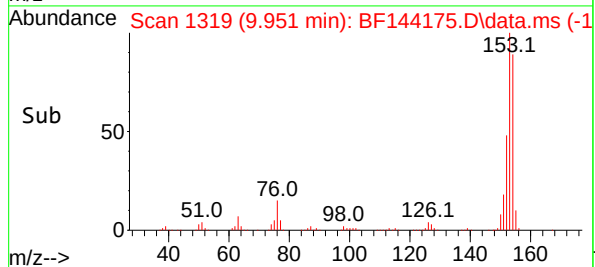
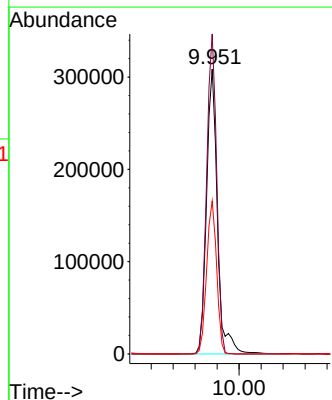
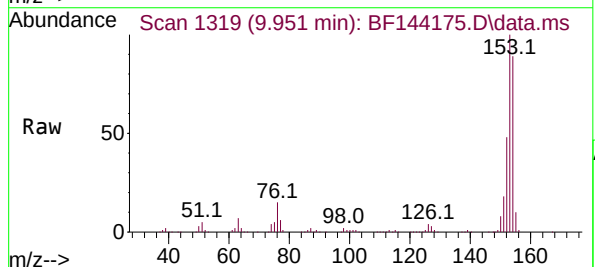
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

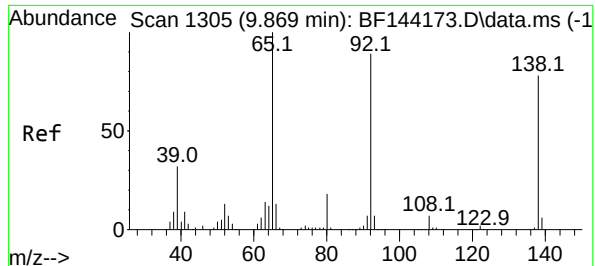
Tgt Ion:165 Resp: 110140
Ion Ratio Lower Upper
165 100
63 55.6 43.8 65.8
89 45.9 37.5 56.3



#52
Acenaphthene
Concen: 61.778 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:154 Resp: 423653
Ion Ratio Lower Upper
154 100
153 112.4 89.0 133.4
152 53.7 42.2 63.4





#53

3-Nitroaniline

Concen: 64.749 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

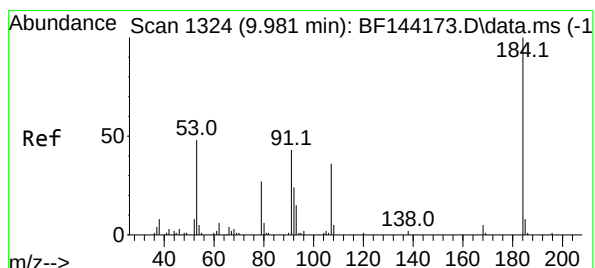
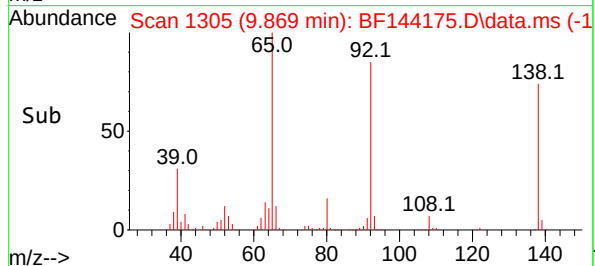
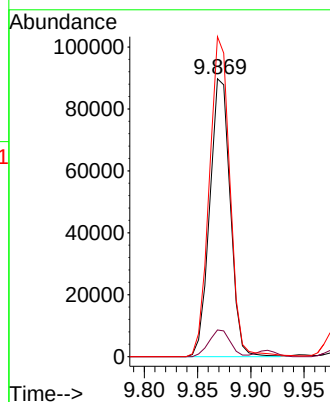
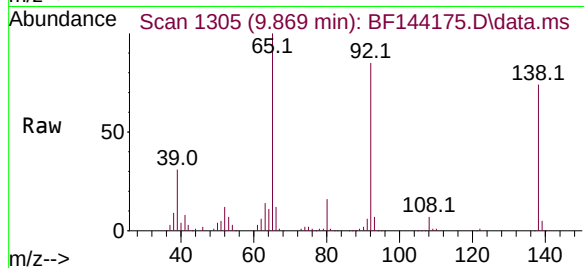
Tgt Ion:138 Resp: 119967

Ion Ratio Lower Upper

138 100

108 9.6 7.5 11.3

92 115.2 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 62.138 ng

RT: 9.980 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

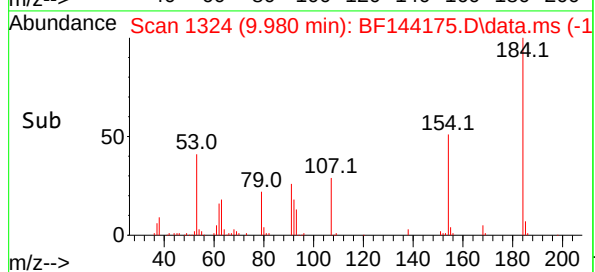
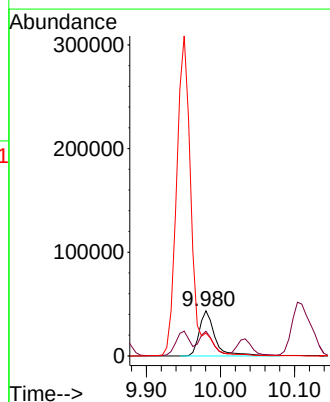
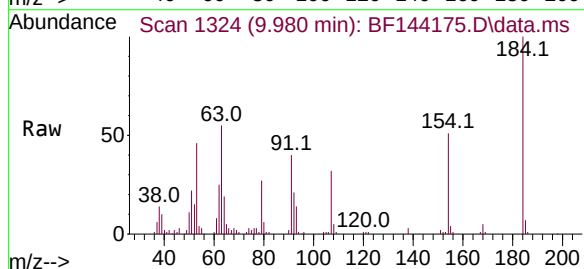
Tgt Ion:184 Resp: 63597

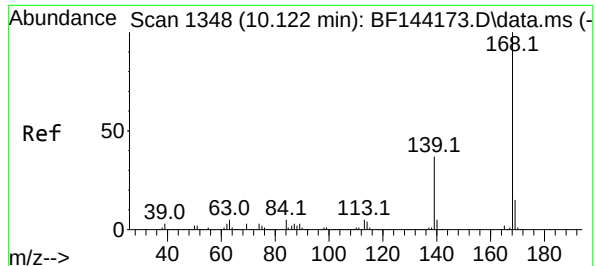
Ion Ratio Lower Upper

184 100

63 54.7 44.0 66.0

154 50.8 42.4 63.6





#55

Dibenzenofuran

Concen: 61.680 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

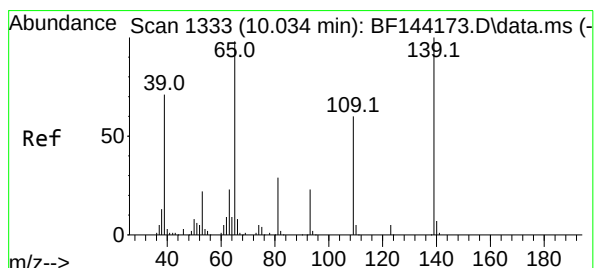
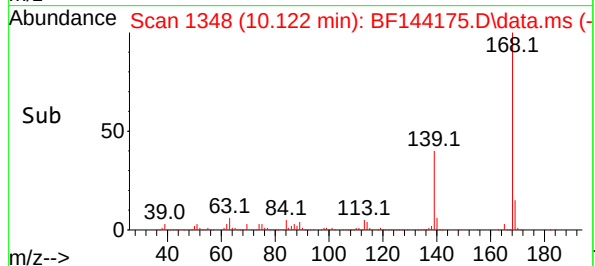
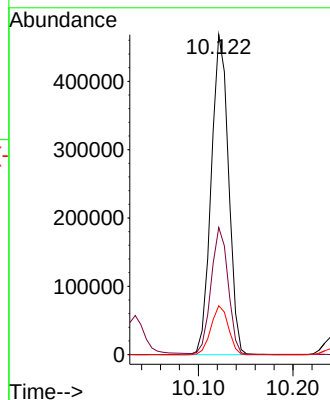
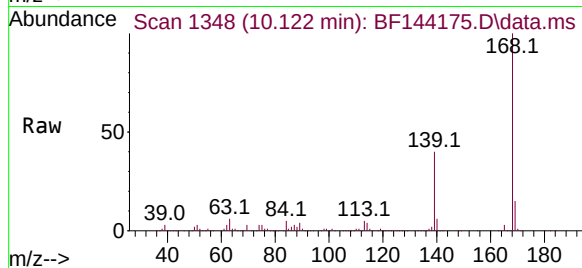
Tgt Ion:168 Resp: 592400

Ion Ratio Lower Upper

168 100

139 39.7 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 59.812 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

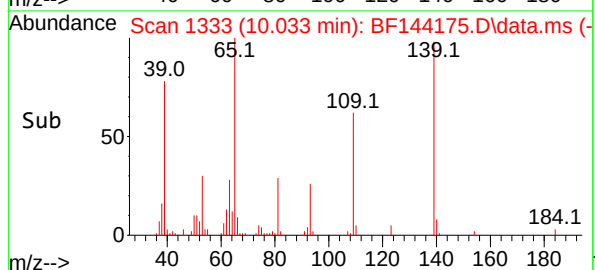
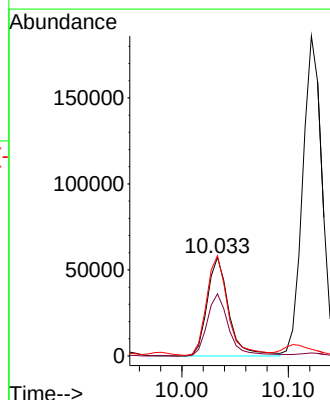
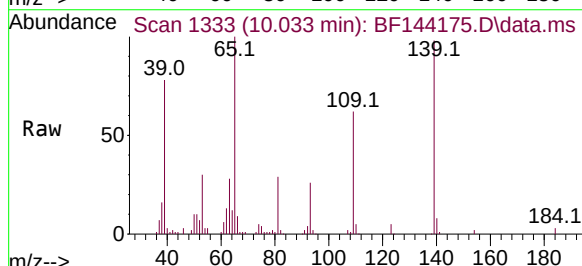
Tgt Ion:139 Resp: 80163

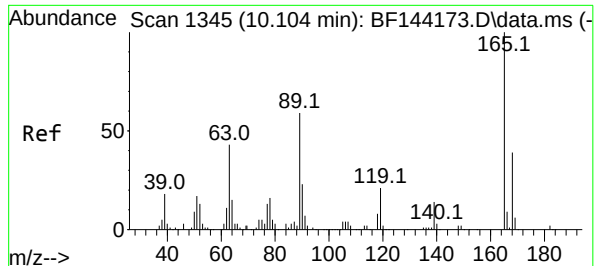
Ion Ratio Lower Upper

139 100

109 63.0 39.9 79.9

65 101.8 79.5 119.5

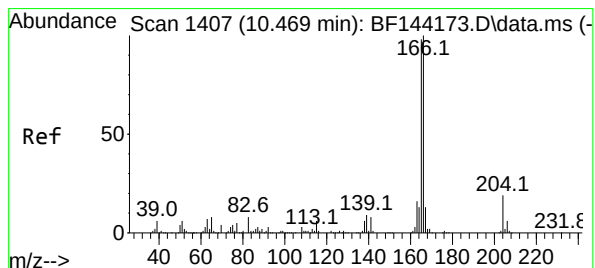
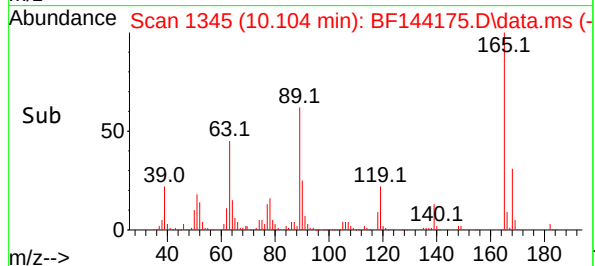
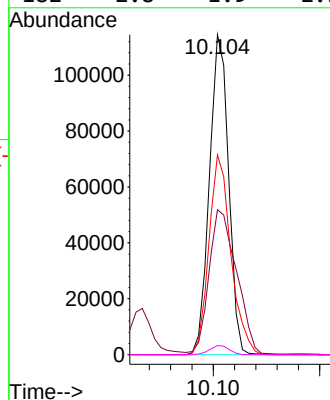
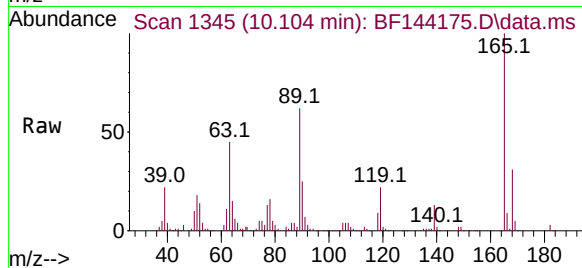




#57
2,4-Dinitrotoluene
Concen: 62.984 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

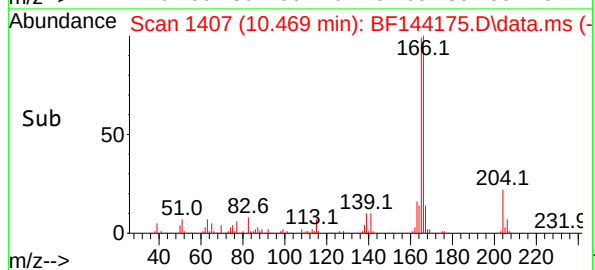
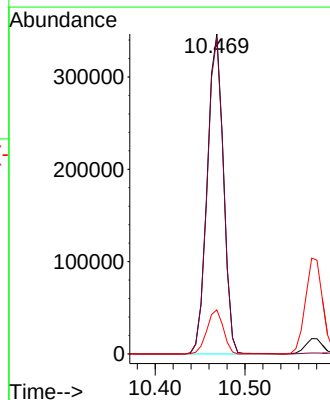
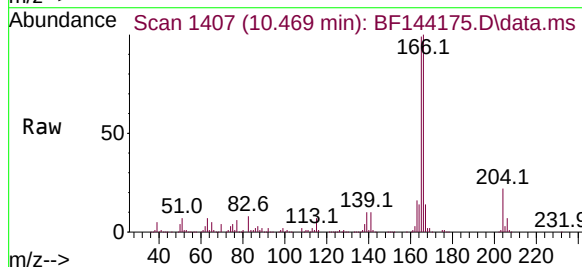
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

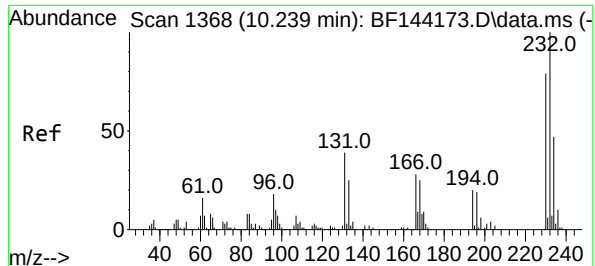
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.3	35.5	53.3
89	62.4	47.4	71.2
182	2.8	1.9	2.9



#58
Fluorene
Concen: 59.664 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	13.8	10.4	15.6

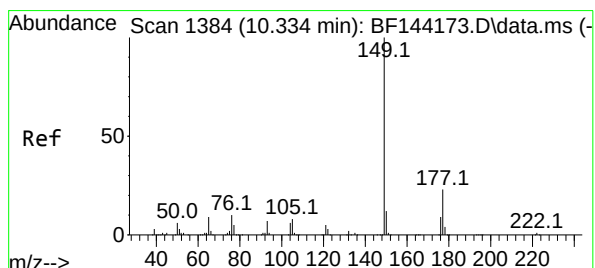
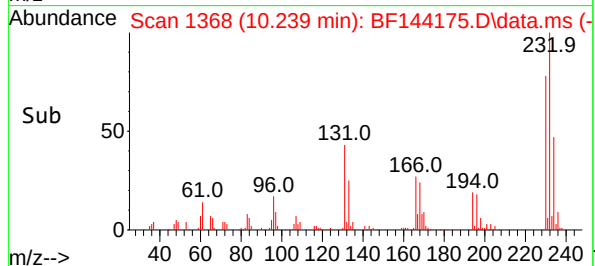
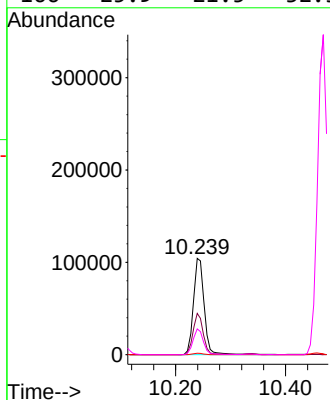
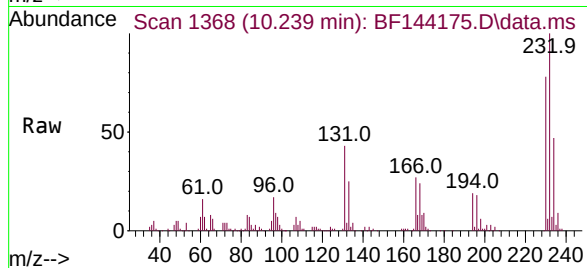




#59
2,3,4,6-Tetrachlorophenol
Concen: 65.569 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

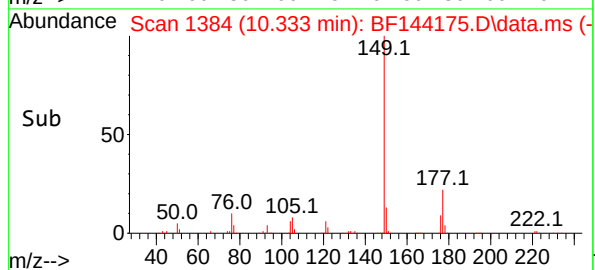
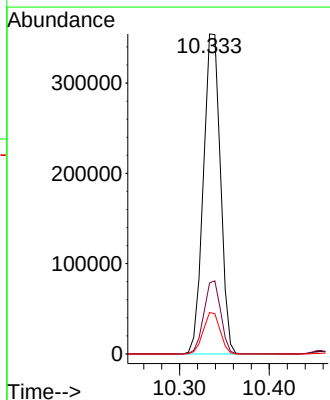
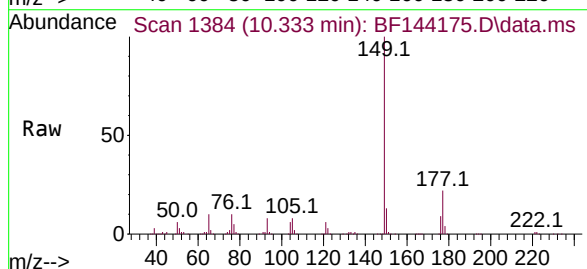
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

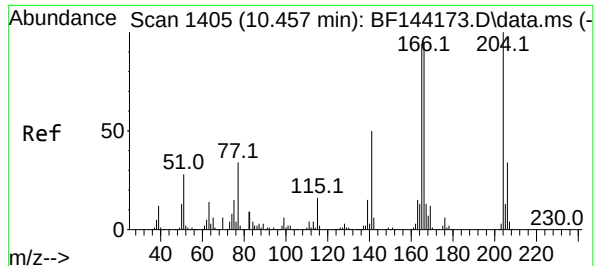
Tgt Ion:232 Resp: 140953
Ion Ratio Lower Upper
232 100
131 40.7 30.3 45.5
130 1.3 1.2 1.8
166 25.9 21.5 32.3



#60
Diethylphthalate
Concen: 60.755 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 468931
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.9 9.8 14.6

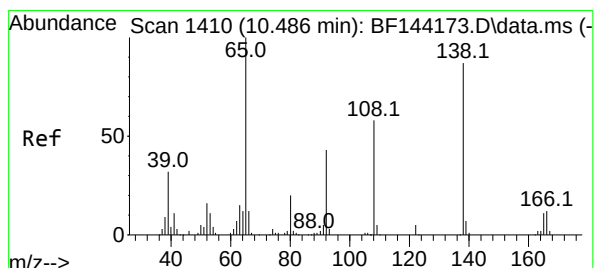
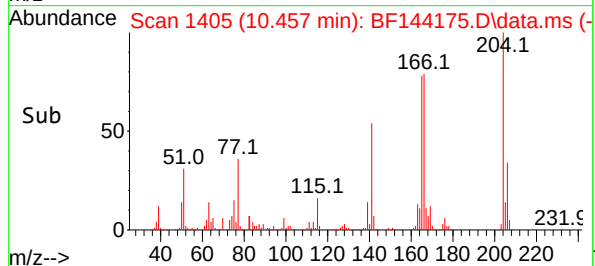
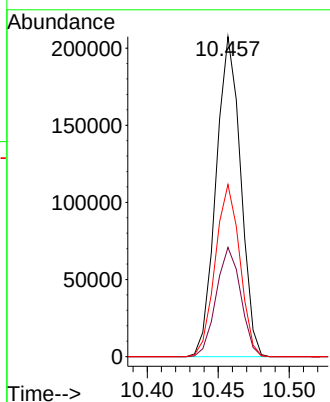
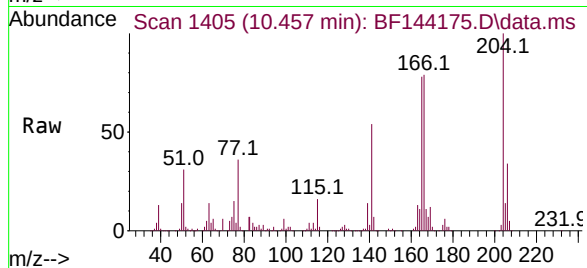




#61
4-Chlorophenyl-phenylether
Concen: 60.068 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

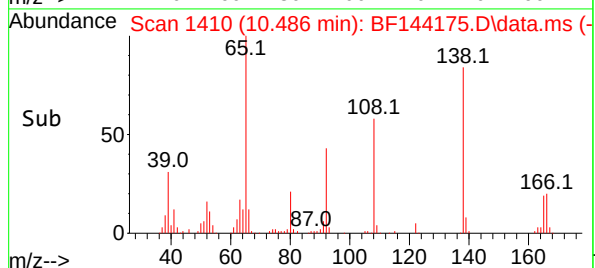
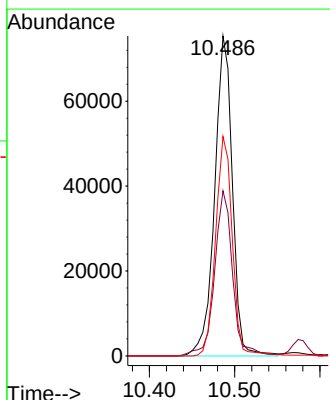
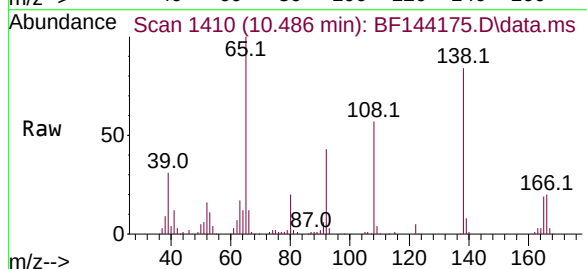
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

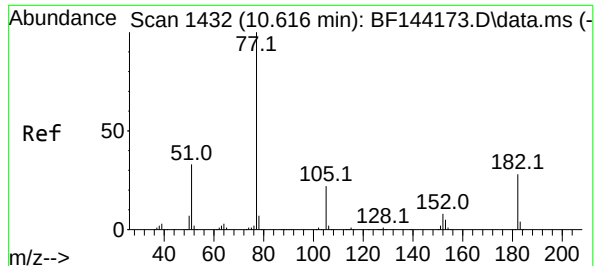
Tgt Ion:204 Resp: 249857
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.2
141 53.8 40.0 60.0



#62
4-Nitroaniline
Concen: 61.862 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:138 Resp: 109153
Ion Ratio Lower Upper
138 100
92 51.6 29.4 69.4
108 68.6 46.4 86.4

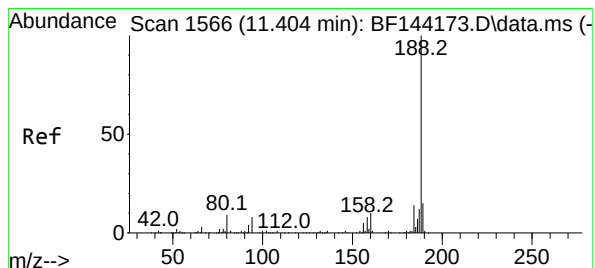
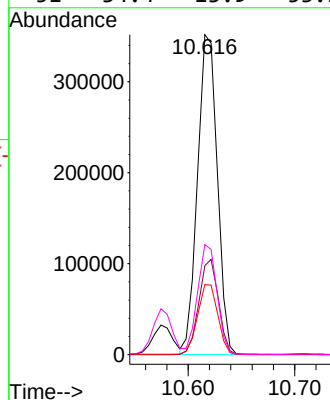
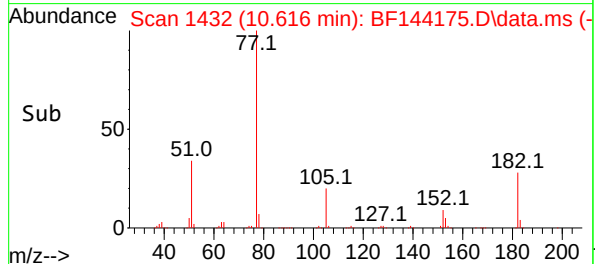
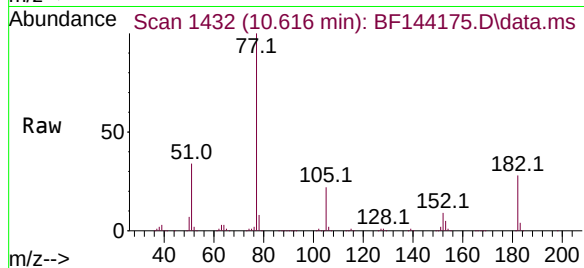




#63
Azobenzene
Concen: 63.187 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

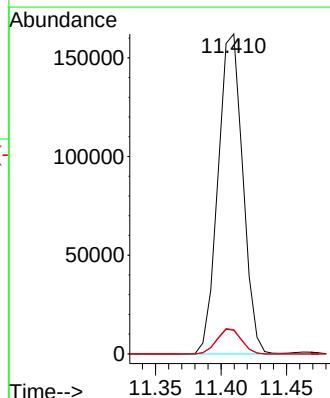
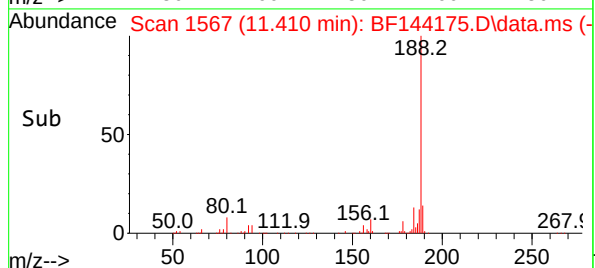
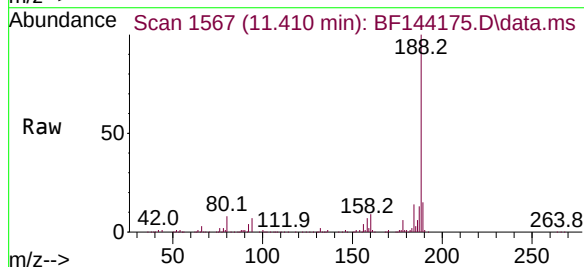
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

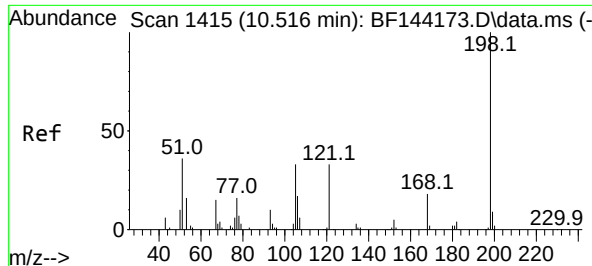
Tgt Ion: 77 Resp: 453890
Ion Ratio Lower Upper
77 100
182 27.8 8.1 48.1
105 21.9 2.0 42.0
51 34.4 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 188 Resp: 213136
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 7.6 6.9 10.3

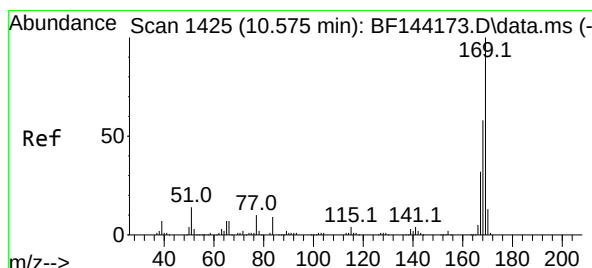
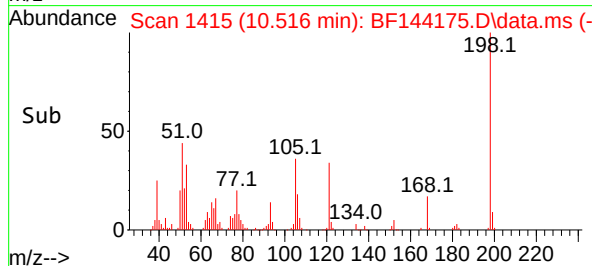
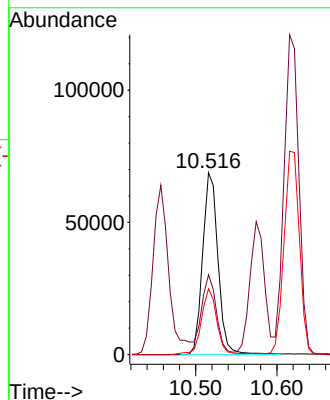
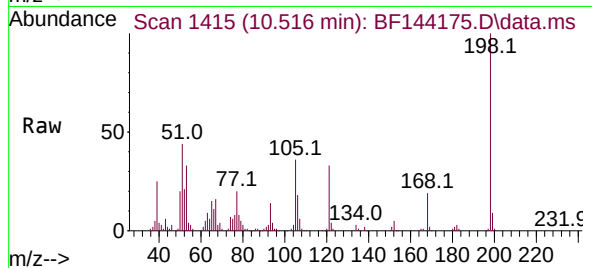




#65
4,6-Dinitro-2-methylphenol
Concen: 62.727 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

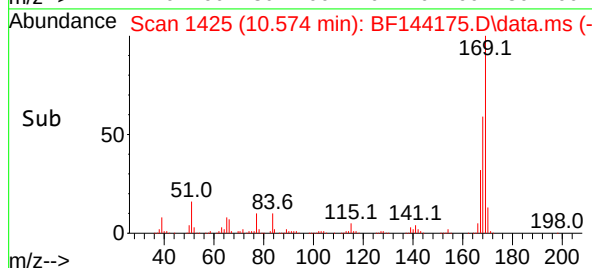
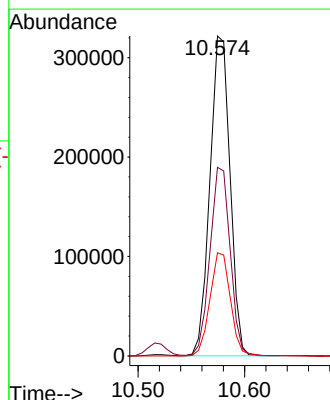
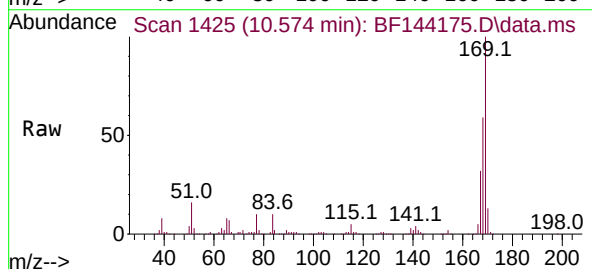
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

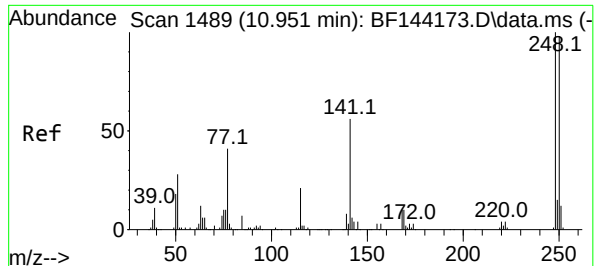
Tgt Ion:198 Resp: 90823
Ion Ratio Lower Upper
198 100
51 43.8 25.6 65.6
105 36.2 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 61.520 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:169 Resp: 421720
Ion Ratio Lower Upper
169 100
168 58.9 46.2 69.2
167 32.2 25.7 38.5

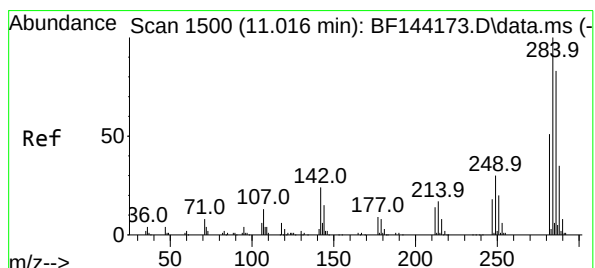
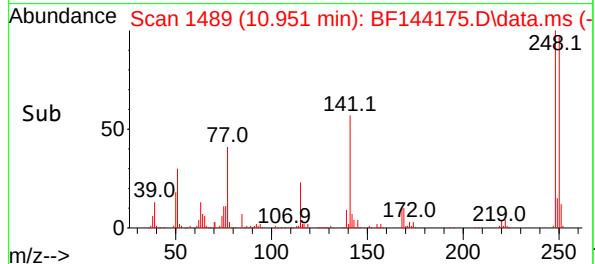
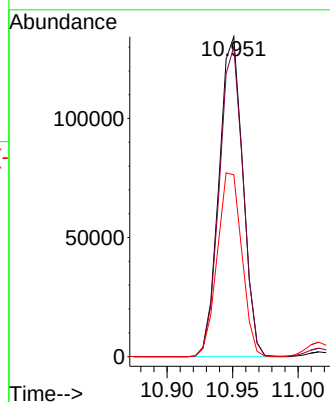
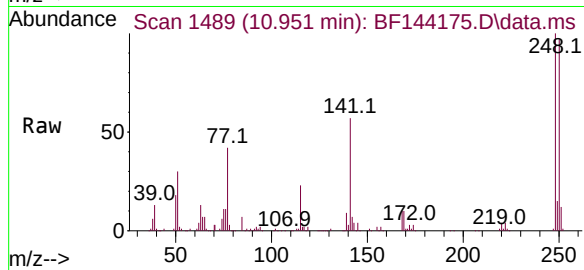




#67
4-Bromophenyl-phenylether
Concen: 62.634 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

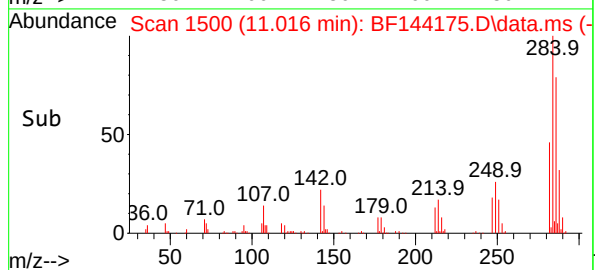
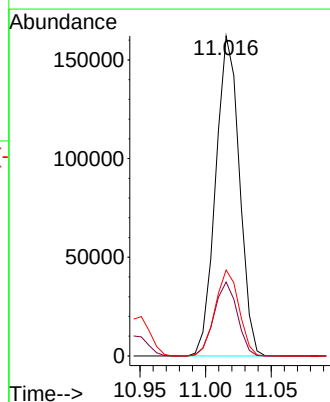
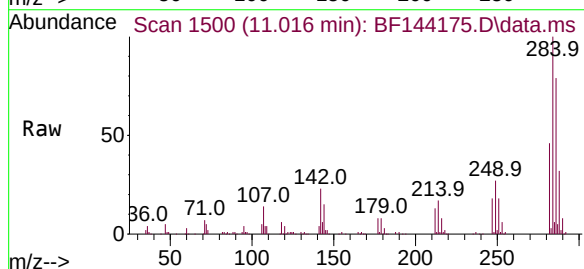
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

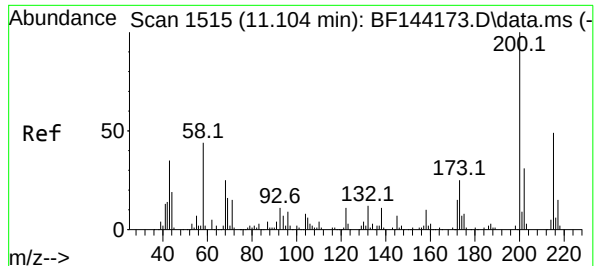
Tgt Ion:248 Resp: 170395
Ion Ratio Lower Upper
248 100
250 96.8 78.4 117.6
141 56.8 45.1 67.7



#68
Hexachlorobenzene
Concen: 63.744 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:284 Resp: 204258
Ion Ratio Lower Upper
284 100
142 23.1 19.2 28.8
249 26.8 23.8 35.8

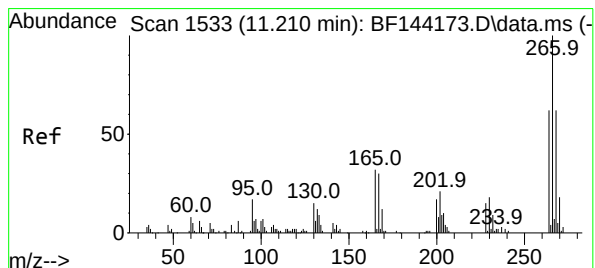
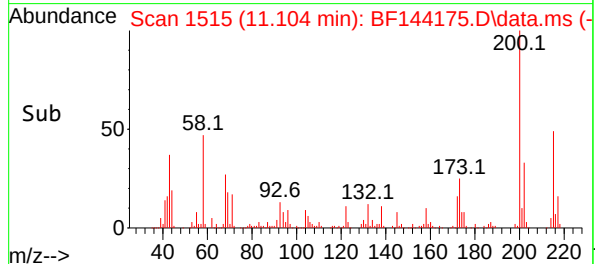
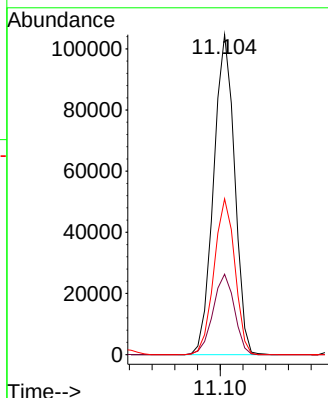
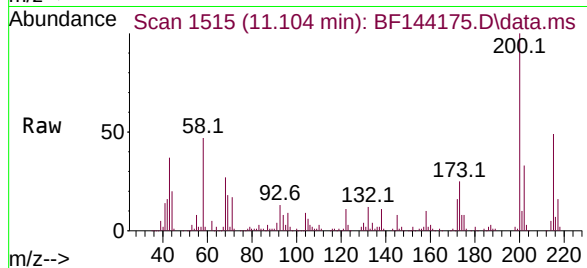




#69
Atrazine
Concen: 61.467 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

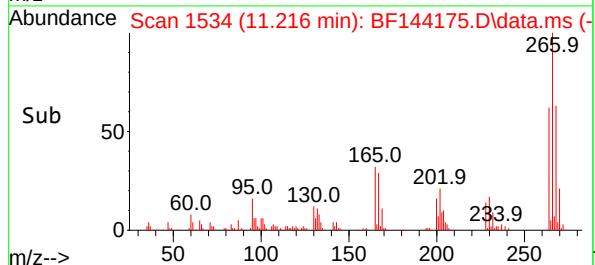
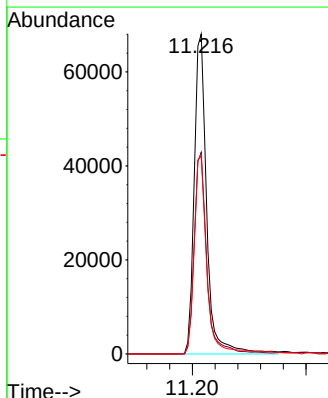
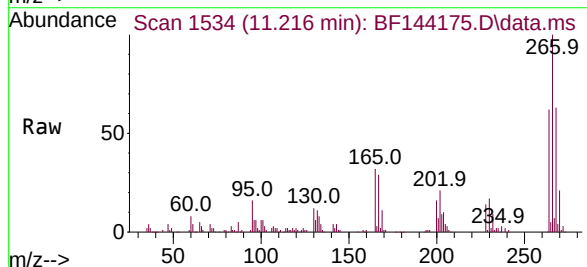
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

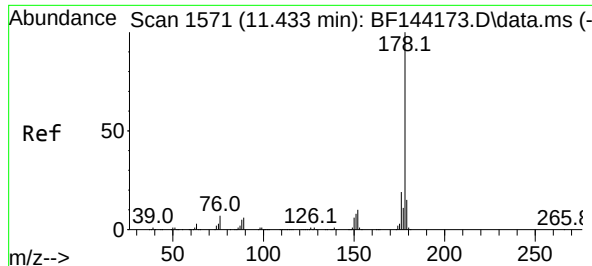
Tgt Ion:200 Resp: 134002
Ion Ratio Lower Upper
200 100
173 25.1 5.0 45.0
215 48.7 28.7 68.7



#70
Pentachlorophenol
Concen: 64.842 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:266 Resp: 103466
Ion Ratio Lower Upper
266 100
268 63.0 49.5 74.3
264 61.8 49.4 74.2

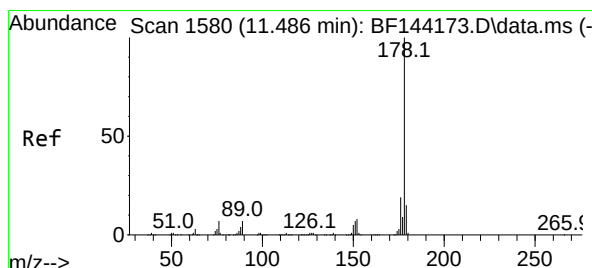
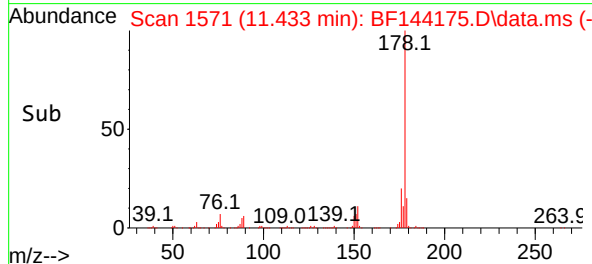
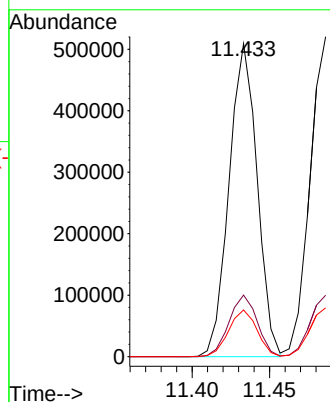
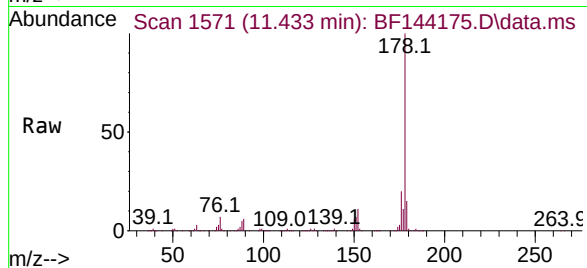




#71
Phenanthrene
Concen: 60.448 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

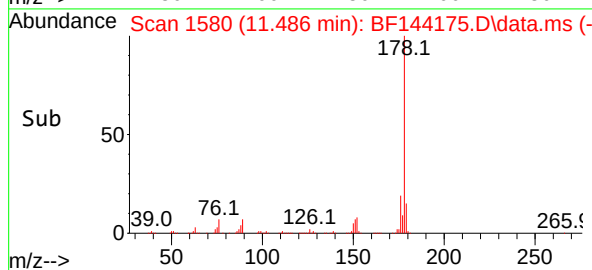
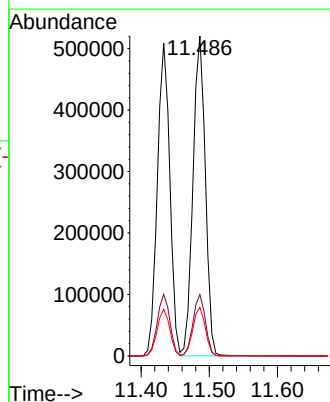
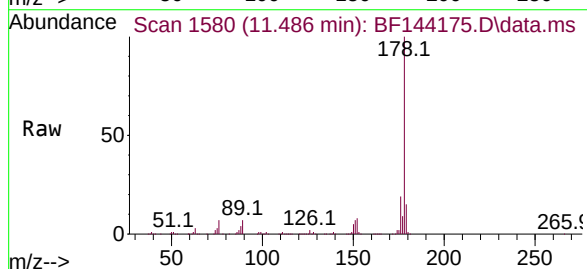
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

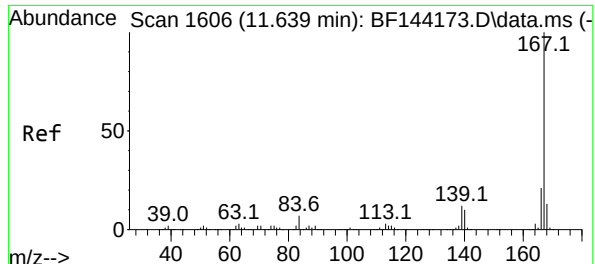
Tgt Ion:178 Resp: 641461
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 60.871 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:178 Resp: 656819
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.2 12.0 18.0

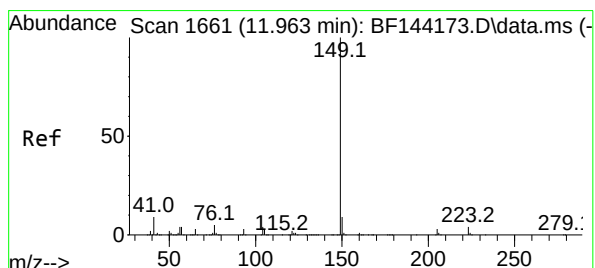
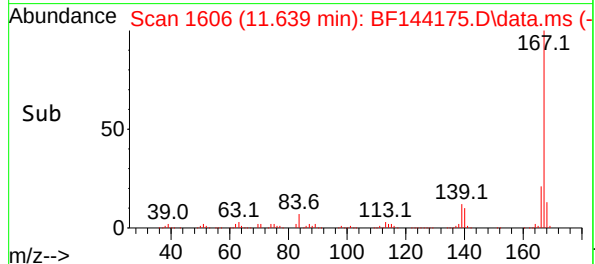
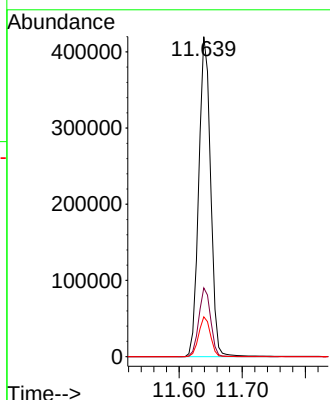
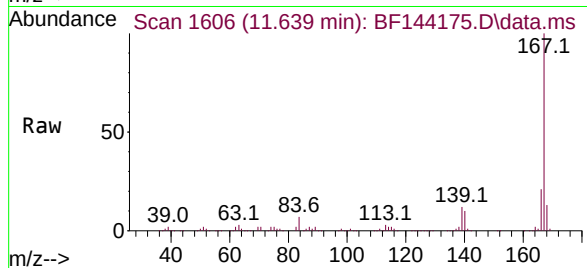




#73
Carbazole
Concen: 59.542 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

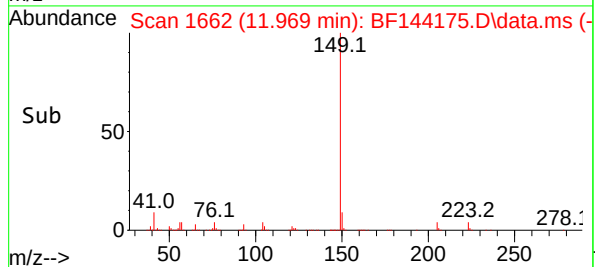
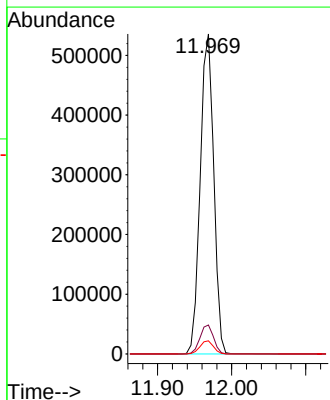
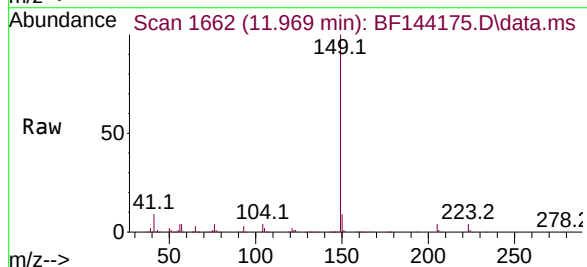
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

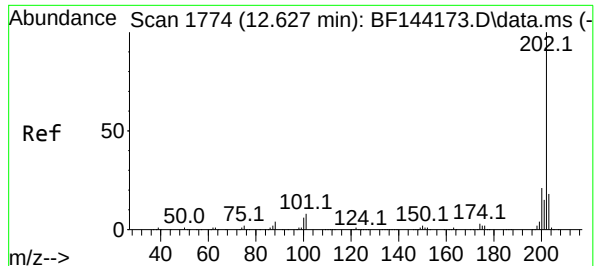
Tgt Ion:167 Resp: 546322
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 61.075 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 677444
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.1 3.4 5.2





#75

Fluoranthene

Concen: 60.849 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

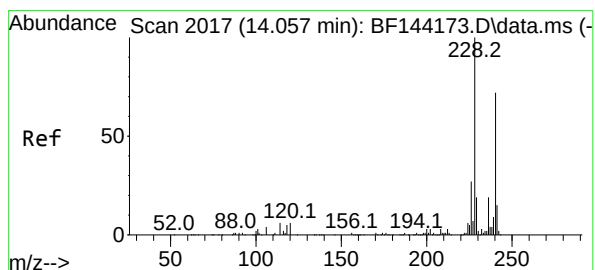
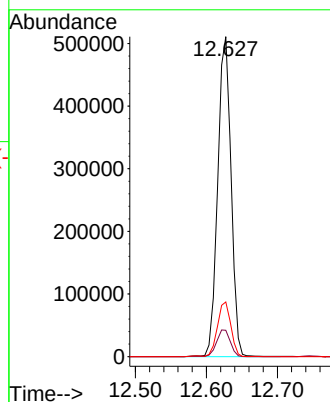
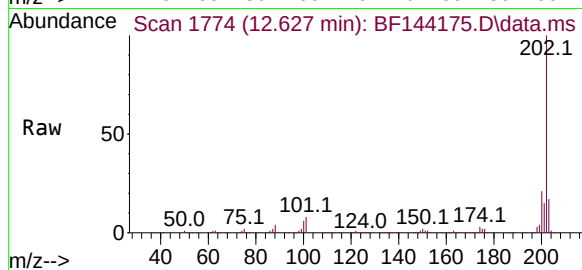
Tgt Ion:202 Resp: 667021

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.9

203 17.1 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

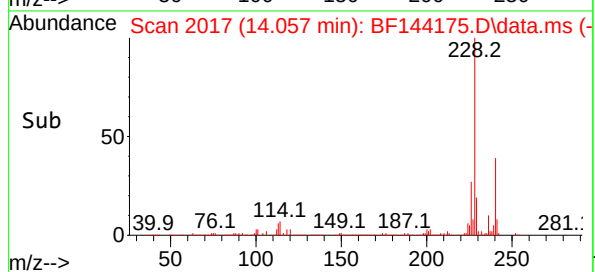
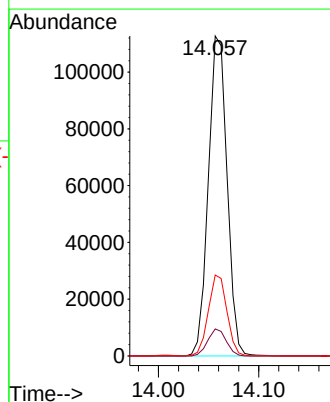
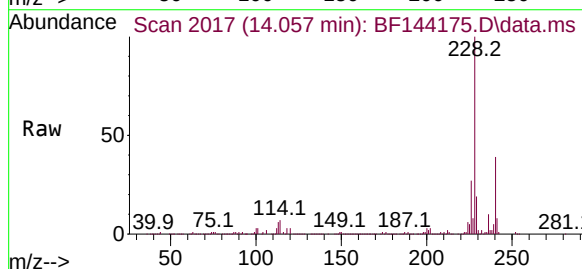
Tgt Ion:240 Resp: 145867

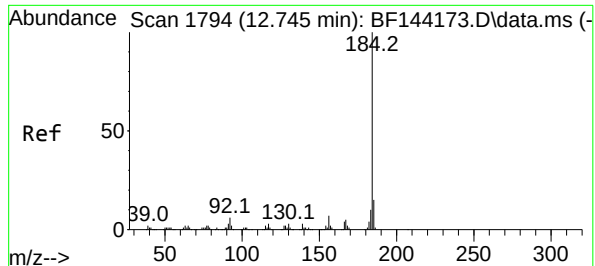
Ion Ratio Lower Upper

240 100

120 8.5 6.6 10.0

236 25.3 21.4 32.2

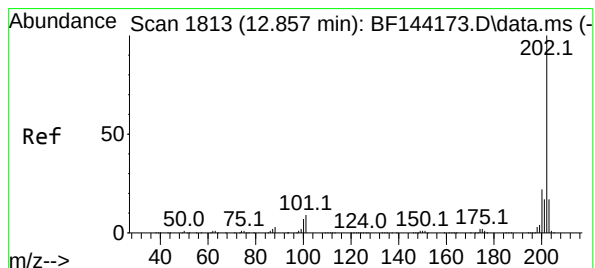
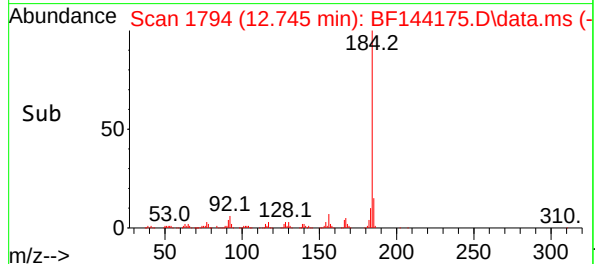
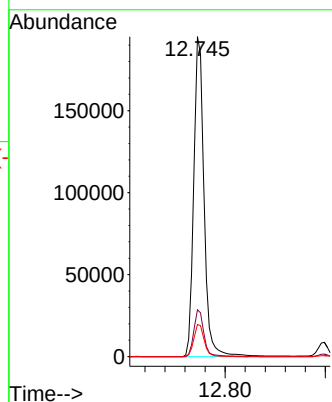
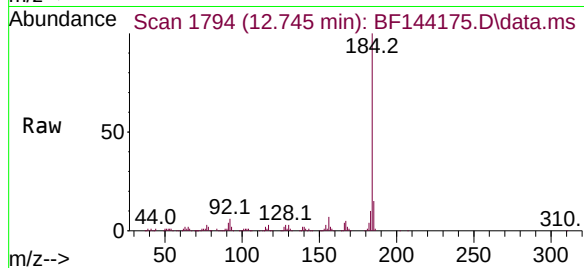




#77
Benzidine
Concen: 64.368 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

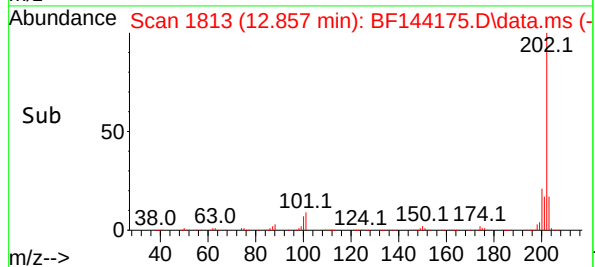
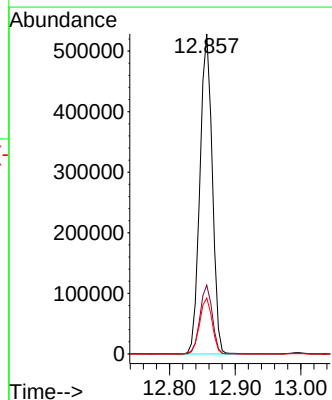
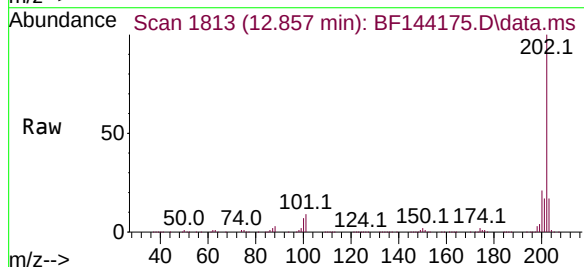
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

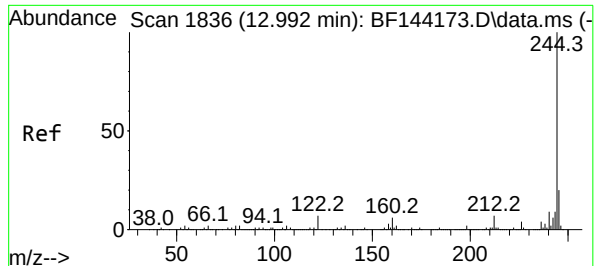
Tgt Ion:184 Resp: 277725
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 10.0 8.3 12.5



#78
Pyrene
Concen: 58.384 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:202 Resp: 686663
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 115.147 ng

RT: 12.998 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF144175.D

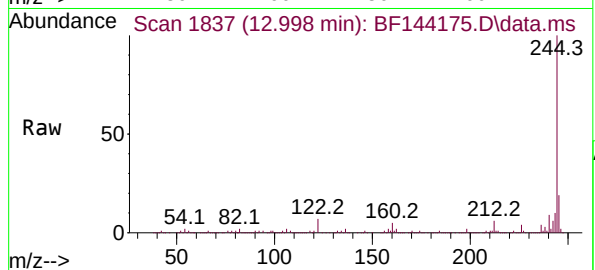
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



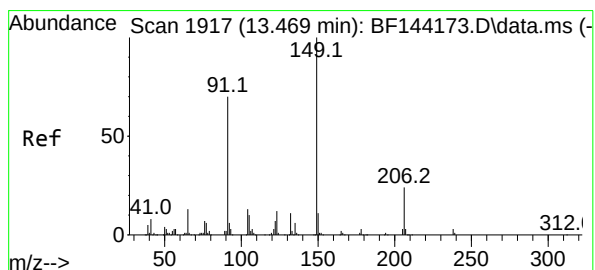
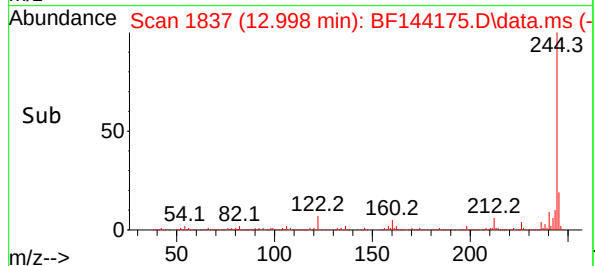
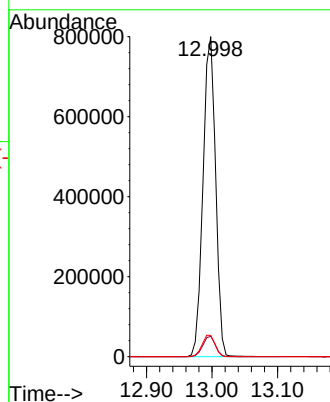
Tgt Ion:244 Resp: 1057426

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 6.6 5.6 8.4



#80

Butylbenzylphthalate

Concen: 61.152 ng

RT: 13.468 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

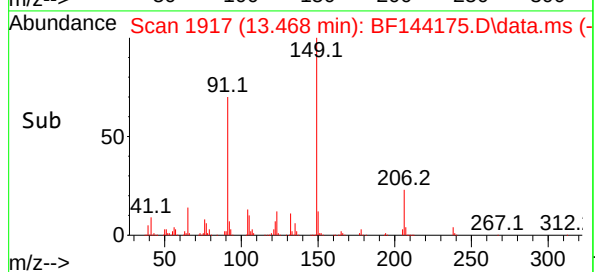
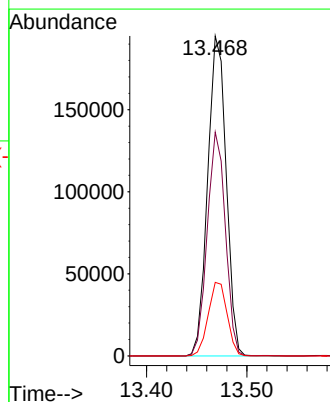
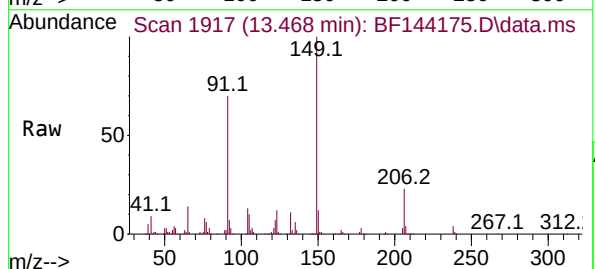
Tgt Ion:149 Resp: 249274

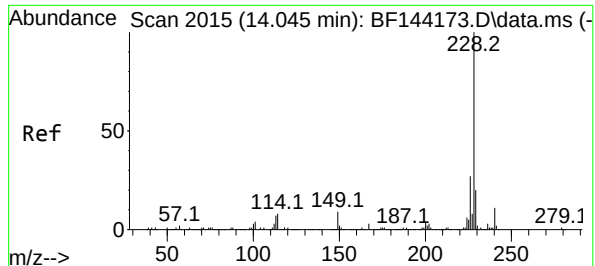
Ion Ratio Lower Upper

149 100

91 69.9 56.1 84.1

206 23.0 18.8 28.2





#81

Benzo(a)anthracene

Concen: 64.625 ng

RT: 14.051 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

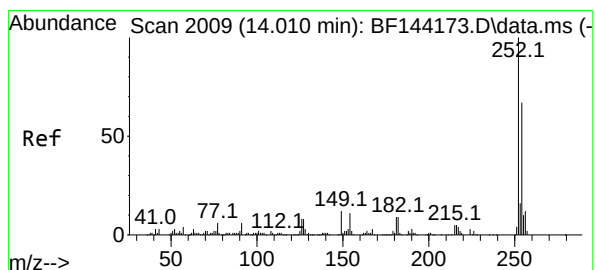
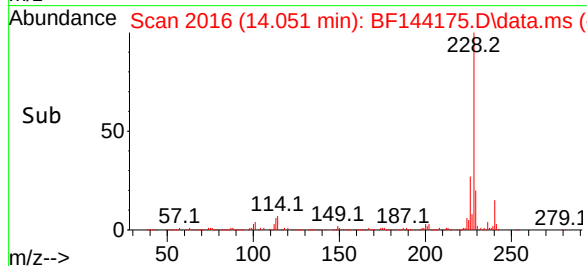
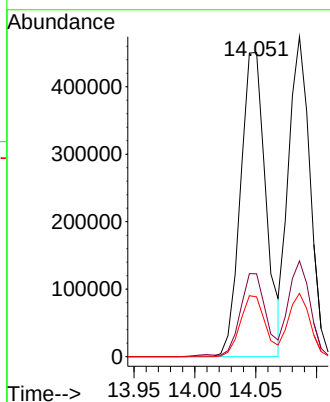
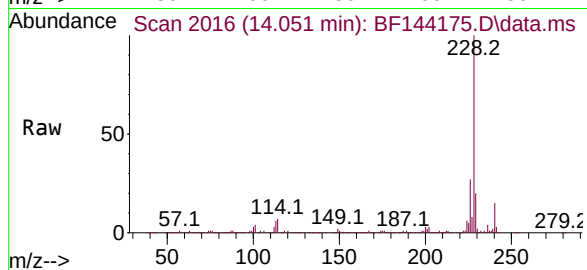
Tgt Ion:228 Resp: 653341

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 67.182 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

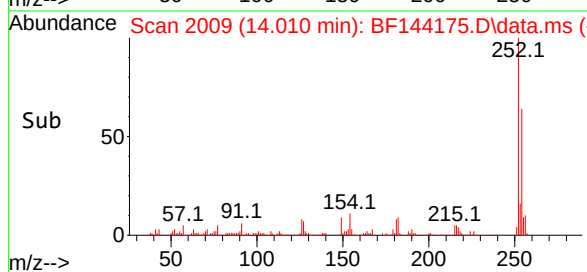
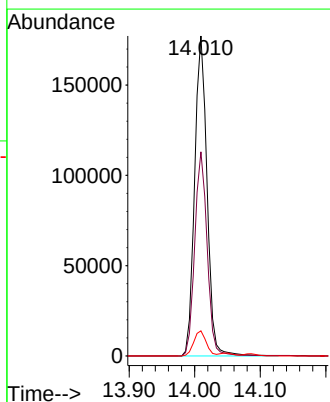
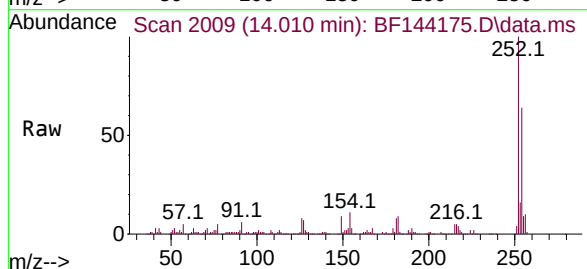
Tgt Ion:252 Resp: 232807

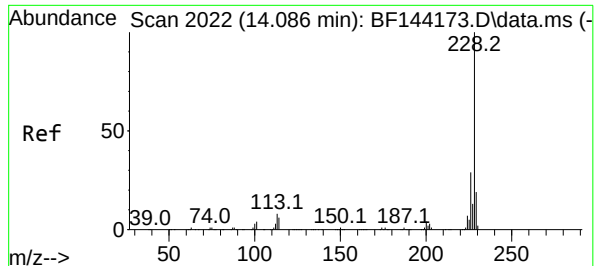
Ion Ratio Lower Upper

252 100

254 63.8 53.5 80.3

126 7.8 6.4 9.6





#83

Chrysene

Concen: 62.196 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

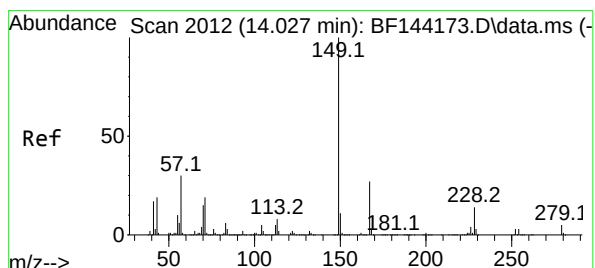
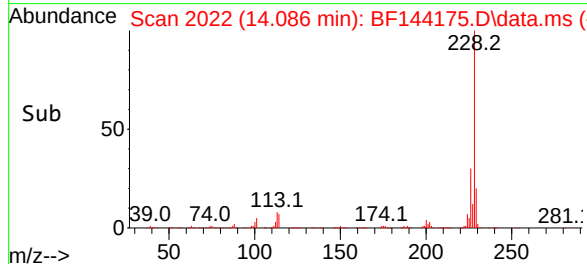
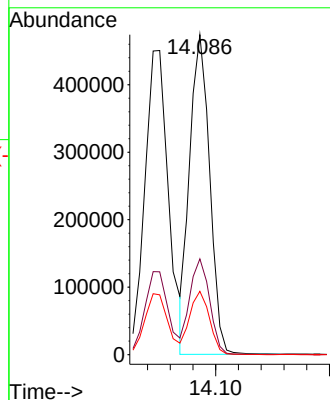
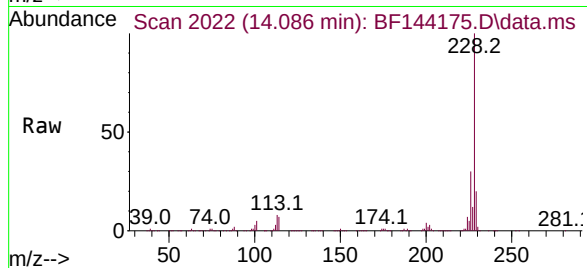
Tgt Ion:228 Resp: 580449

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 19.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.991 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

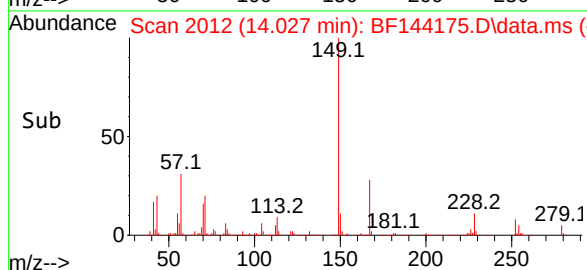
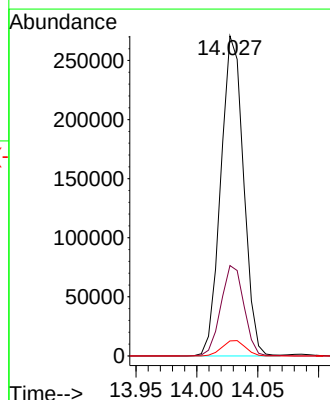
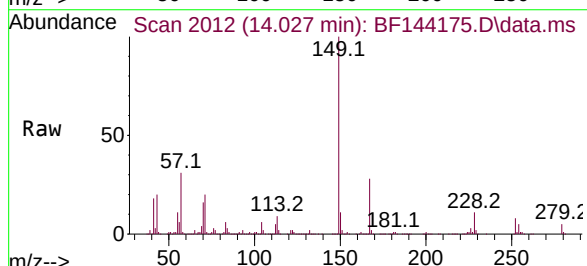
Tgt Ion:149 Resp: 351501

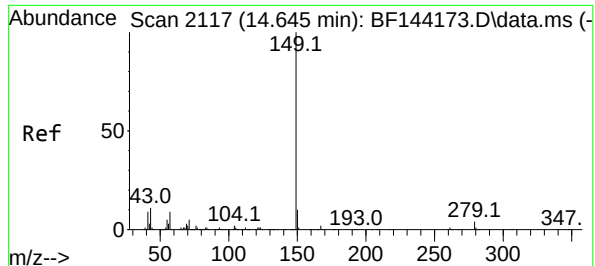
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.7 3.7 5.5

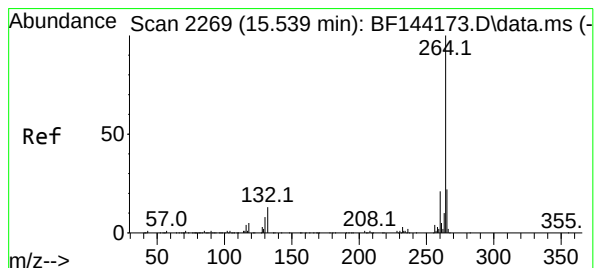
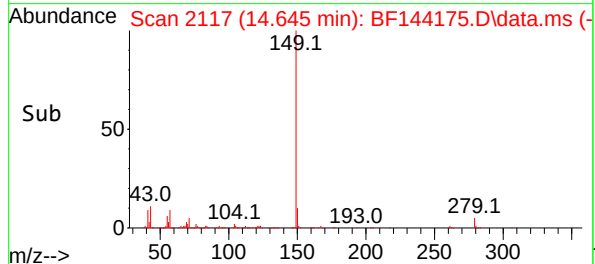
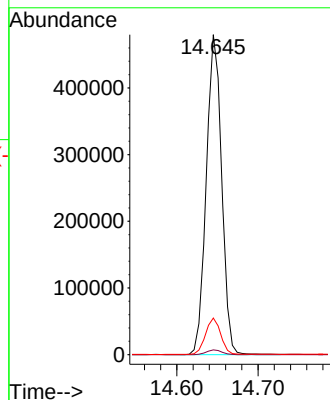
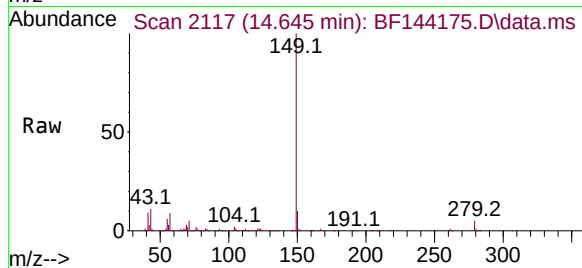




#85
Di-n-octyl phthalate
Concen: 65.547 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

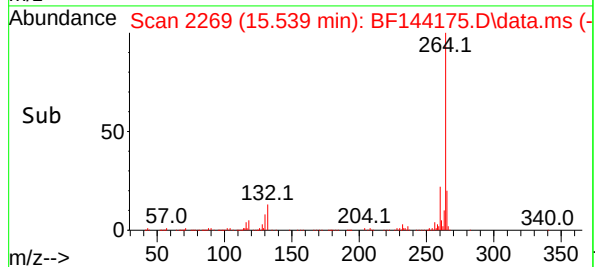
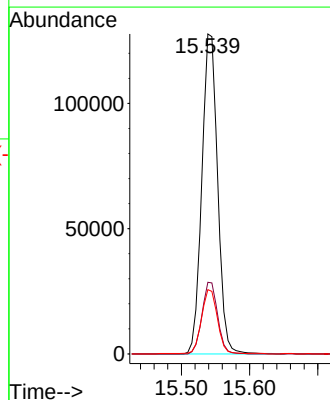
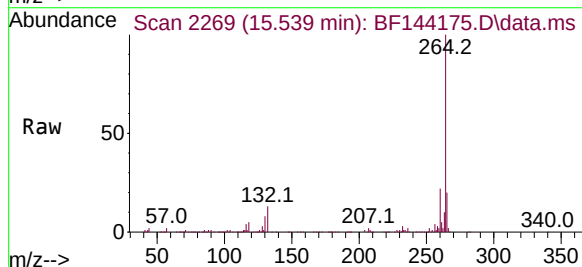
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

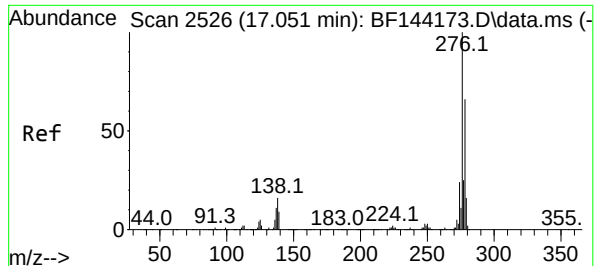
Tgt Ion:149 Resp: 631065
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:264 Resp: 205758
Ion Ratio Lower Upper
264 100
260 22.4 17.1 25.7
265 20.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.557 ng

RT: 17.056 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

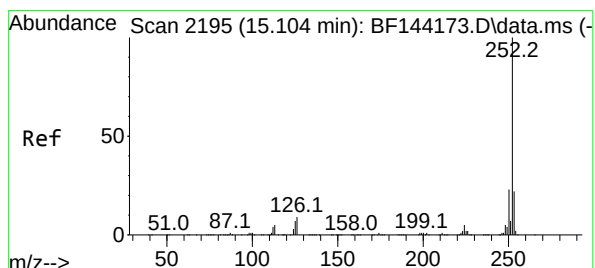
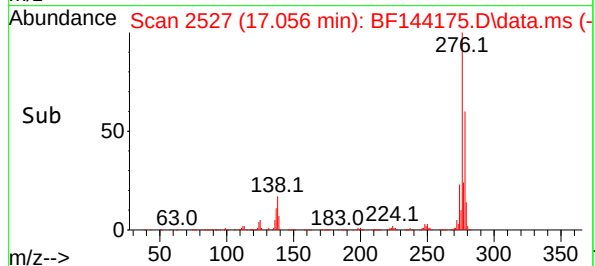
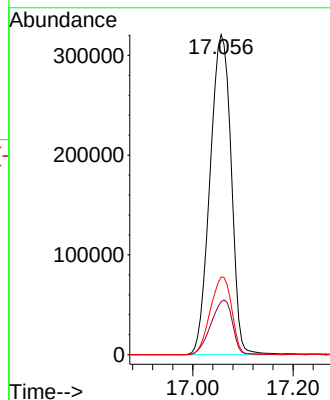
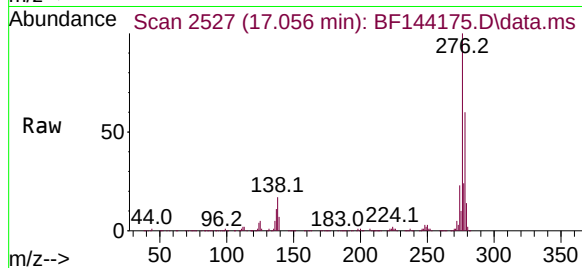
Tgt Ion:276 Resp: 938738

Ion Ratio Lower Upper

276 100

138 17.4 13.9 20.9

277 24.6 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 59.849 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

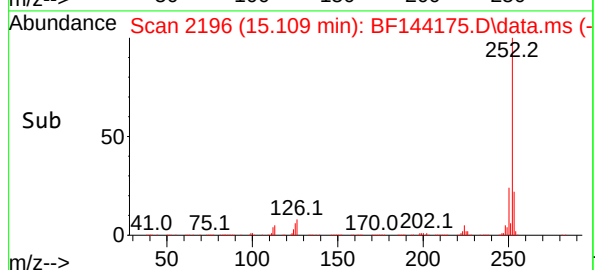
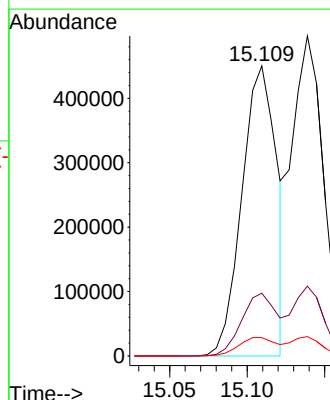
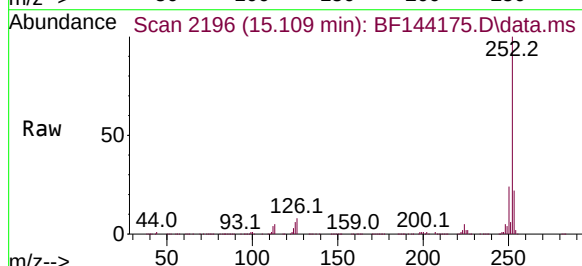
Tgt Ion:252 Resp: 700099

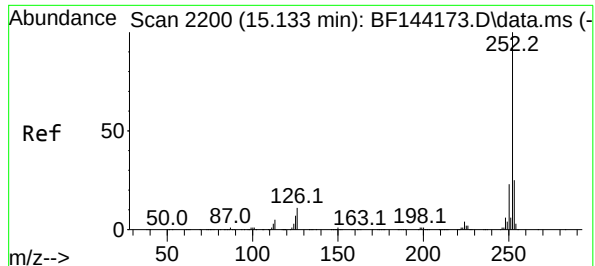
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 6.3 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 63.919 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

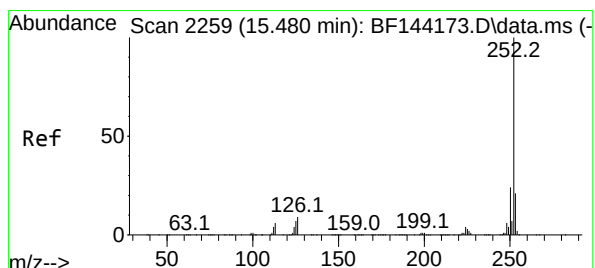
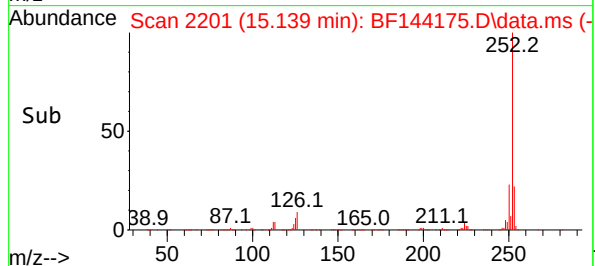
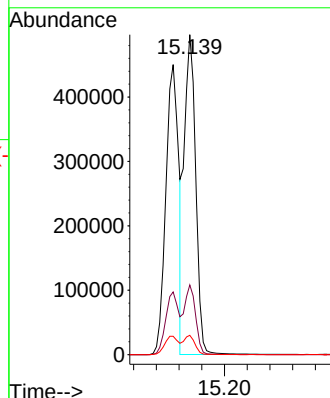
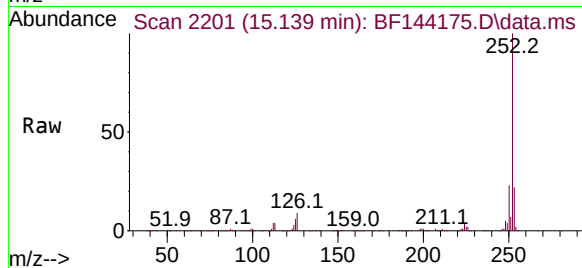
Tgt Ion:252 Resp: 699851

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 6.0 5.4 8.2



#90

Benzo(a)pyrene

Concen: 63.078 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

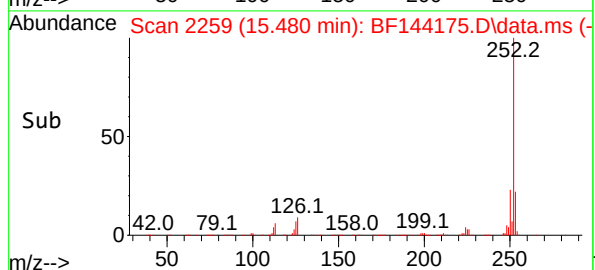
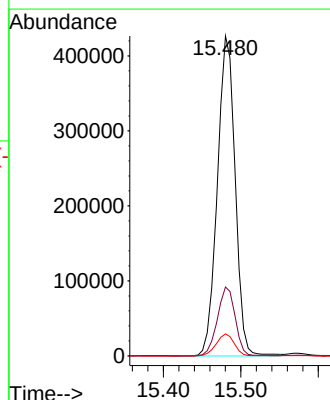
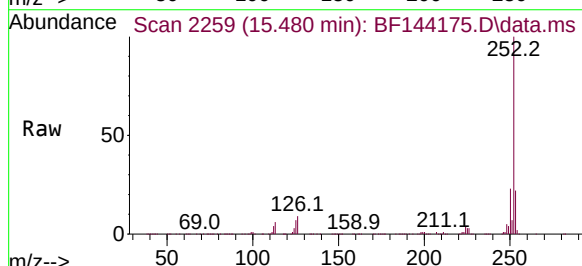
Tgt Ion:252 Resp: 680720

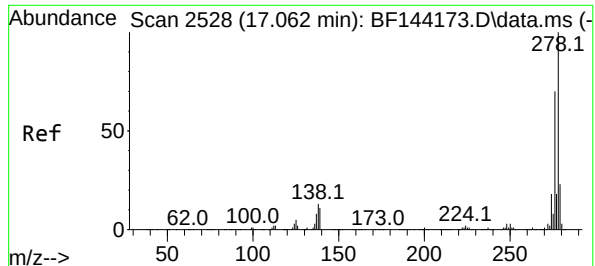
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 6.9 5.7 8.5

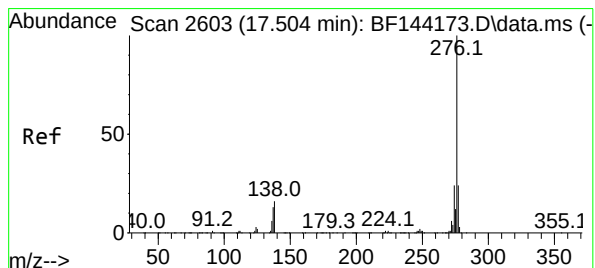
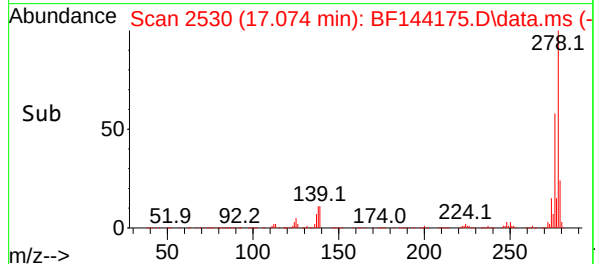
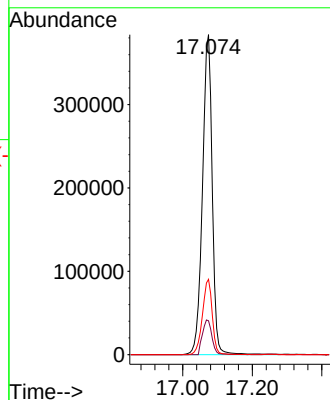
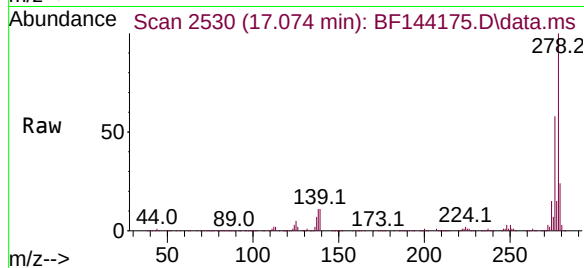




#91
Dibenzo(a,h)anthracene
Concen: 62.936 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

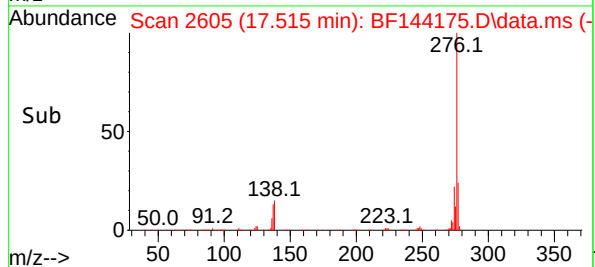
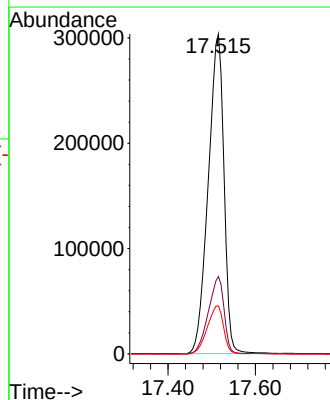
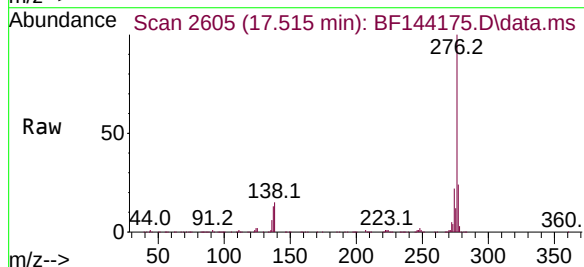
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 746544
Ion Ratio Lower Upper
278 100
139 10.6 9.1 13.7
279 23.5 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 64.699 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:276 Resp: 757880
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 15.0 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144176.D
 Acq On : 05 Nov 2025 16:49
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Nov 05 17:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69287	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	261584	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	147600	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	244733	20.000	ng	0.00
76) Chrysene-d12	14.063	240	156809	20.000	ng	0.00
86) Perylene-d12	15.545	264	213275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	661124	149.317	ng	0.00
7) Phenol-d6	6.510	99	742089	147.919	ng	0.00
23) Nitrobenzene-d5	7.445	82	707494	156.207	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	293555	158.489	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1397211	139.809	ng	0.00
79) Terphenyl-d14	12.998	244	1449323	146.810	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	149682	81.770	ng	99
3) Pyridine	3.375	79	427549	83.719	ng	99
4) n-Nitrosodimethylamine	3.346	42	224403	84.122	ng	98
6) Aniline	6.545	93	532078	74.439	ng	98
8) 2-Chlorophenol	6.663	128	333730	76.859	ng	100
9) Benzaldehyde	6.428	77	189297	66.820	ng	97
10) Phenol	6.528	94	441818	72.080	ng	78
11) bis(2-Chloroethyl)ether	6.616	93	348844	78.104	ng	99
12) 1,3-Dichlorobenzene	6.816	146	406743	75.913	ng	97
13) 1,4-Dichlorobenzene	6.892	146	405797	75.597	ng	99
14) 1,2-Dichlorobenzene	7.045	146	389053	75.617	ng	99
15) Benzyl Alcohol	7.022	79	317271	79.866	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	620126	75.396	ng	88
17) 2-Methylphenol	7.128	107	265517	76.865	ng	99
18) Hexachloroethane	7.386	117	139795	78.387	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	249355	75.502	ng	98
20) 3+4-Methylphenols	7.287	107	299182	73.473	ng	97
22) Acetophenone	7.292	105	409610	72.994	ng	94
24) Nitrobenzene	7.463	77	385188	78.328	ng	98
25) Isophorone	7.704	82	689837	80.522	ng	99
26) 2-Nitrophenol	7.775	139	194869	80.050	ng	94
27) 2,4-Dimethylphenol	7.816	122	287607	78.826	ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	407835	76.234	ng	97
29) 2,4-Dichlorophenol	8.022	162	311260	74.016	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	326475	75.604	ng	97
31) Naphthalene	8.186	128	920731	73.994	ng	99
32) Benzoic acid	7.951	122	213364	79.777	ng	97
33) 4-Chloroaniline	8.233	127	341033	75.146	ng	97
34) Hexachlorobutadiene	8.298	225	249435	76.645	ng	98
35) Caprolactam	8.622	113	91899	79.765	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	290083	76.969	ng	98
37) 2-Methylnaphthalene	8.875	142	610532	73.386	ng	100
38) 1-Methylnaphthalene	8.975	142	586747	73.093	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	361014	74.631	ng	99
41) Hexachlorocyclopentadiene	9.028	237	146524	78.238	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	254681	77.355	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144176.D
 Acq On : 05 Nov 2025 16:49
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Nov 05 17:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	268940	75.791	ng	98
46) 1,1'-Biphenyl	9.339	154	749883	72.784	ng	99
47) 2-Chloronaphthalene	9.369	162	641521	72.995	ng	99
48) 2-Nitroaniline	9.463	65	203746	80.348	ng	98
49) Acenaphthylene	9.780	152	889410	74.264	ng	99
50) Dimethylphthalate	9.633	163	736477	75.318	ng	100
51) 2,6-Dinitrotoluene	9.704	165	156870	79.250	ng	98
52) Acenaphthene	9.951	154	594593	74.243	ng	99
53) 3-Nitroaniline	9.875	138	167110	77.230	ng	96
54) 2,4-Dinitrophenol	9.986	184	96727	80.924	ng	96
55) Dibenzofuran	10.128	168	802174	71.517	ng	98
56) 4-Nitrophenol	10.039	139	117050	74.782	ng	93
57) 2,4-Dinitrotoluene	10.110	165	208441	78.661	ng	95
58) Fluorene	10.469	166	618508	72.526	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	203523	81.067	ng	98
60) Diethylphthalate	10.339	149	686705	76.182	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	357010	73.492	ng	95
62) 4-Nitroaniline	10.498	138	158441	76.889	ng	98
63) Azobenzene	10.622	77	646943	77.117	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	134894	81.136	ng	96
66) n-Nitrosodiphenylamine	10.580	169	600791	76.327	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	246236	78.826	ng	97
68) Hexachlorobenzene	11.022	284	289823	78.769	ng	97
69) Atrazine	11.110	200	191862	76.645	ng	99
70) Pentachlorophenol	11.216	266	161918	88.373	ng	99
71) Phenanthrene	11.433	178	916773	75.238	ng	99
72) Anthracene	11.486	178	916037	73.934	ng	99
73) Carbazole	11.645	167	777702	73.816	ng	100
74) Di-n-butylphthalate	11.969	149	965695	75.822	ng	100
75) Fluoranthene	12.627	202	937436	74.476	ng	99
77) Benzidine	12.751	184	347077	74.828	ng	99
78) Pyrene	12.857	202	943190	74.600	ng	99
80) Butylbenzylphthalate	13.474	149	344575	78.633	ng	99
81) Benzo(a)anthracene	14.051	228	856602	78.818	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	301919	81.046	ng	97
83) Chrysene	14.086	228	792397	78.982	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	479285	79.898	ng	99
85) Di-n-octyl phthalate	14.645	149	855486	82.657	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1215637	79.403	ng	99
88) Benzo(b)fluoranthene	15.110	252	975518	80.454	ng	99
89) Benzo(k)fluoranthene	15.145	252	870791	76.728	ng	98
90) Benzo(a)pyrene	15.486	252	877623	78.458	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	970735	78.952	ng	98
92) Benzo(g,h,i)perylene	17.521	276	981387	80.827	ng	98

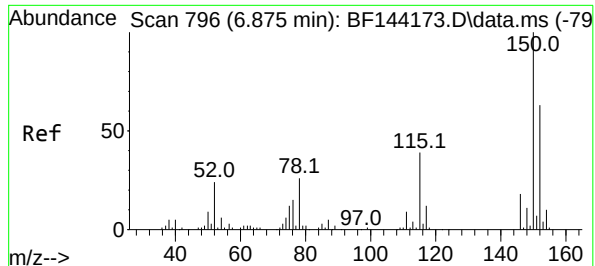
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Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Abundance

TIC: BF144176.D\data.ms

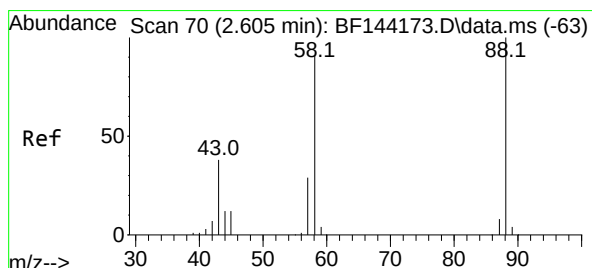
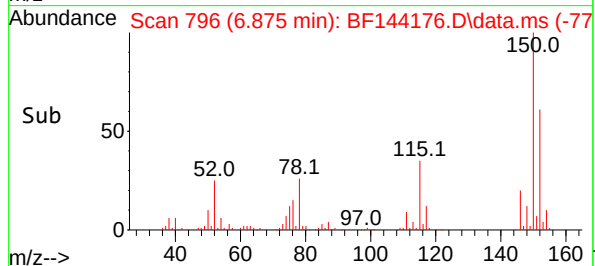
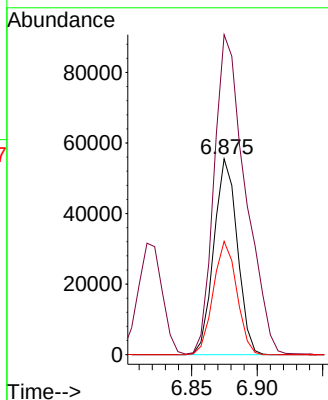
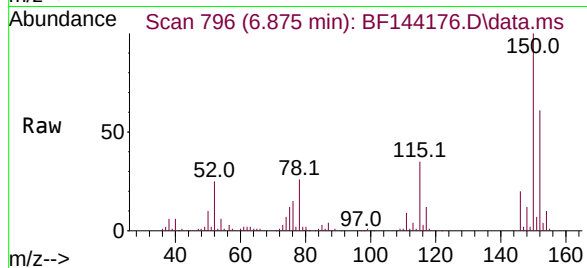
Time-->



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

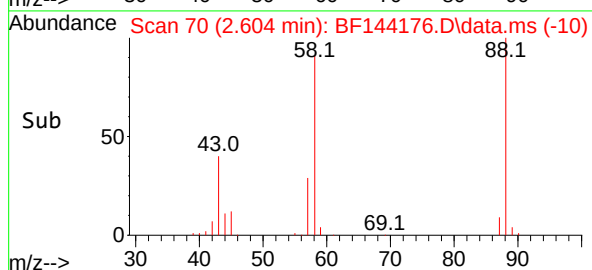
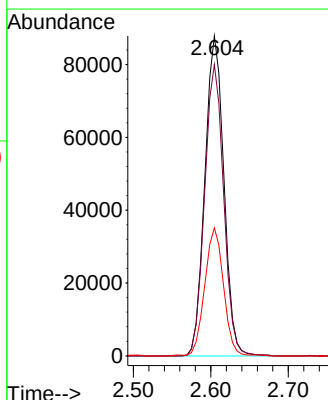
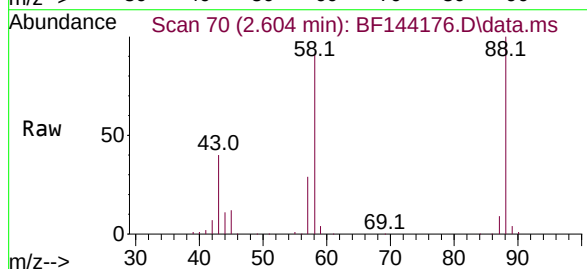
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

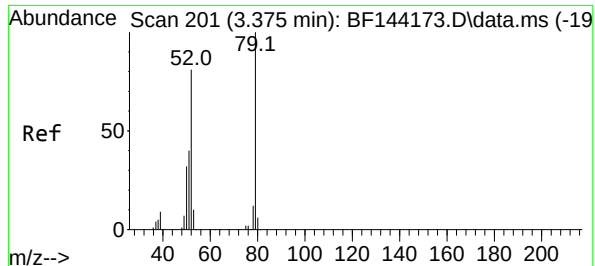
Tgt Ion:152 Resp: 69287
Ion Ratio Lower Upper
152 100
150 163.4 127.4 191.0
115 57.8 49.5 74.3



#2
1,4-Dioxane
Concen: 81.770 ng
RT: 2.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 88 Resp: 149682
Ion Ratio Lower Upper
88 100
58 91.2 73.1 109.7
43 39.7 31.0 46.6





#3

Pyridine

Concen: 83.719 ng

RT: 3.375 min Scan# 201

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

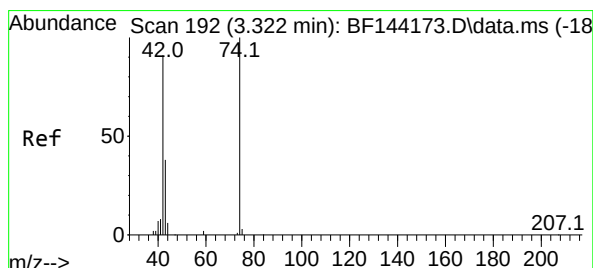
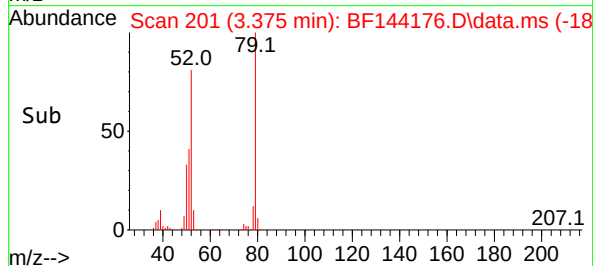
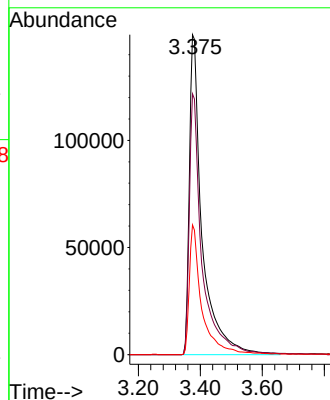
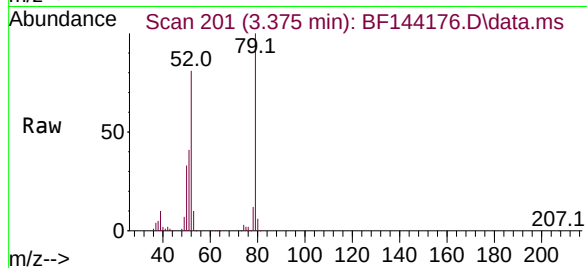
Tgt Ion: 79 Resp: 427549

Ion	Ratio	Lower	Upper

79	100		

52	81.5	64.5	96.7

51	40.5	31.7	47.5



#4

n-Nitrosodimethylamine

Concen: 84.122 ng

RT: 3.346 min Scan# 196

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

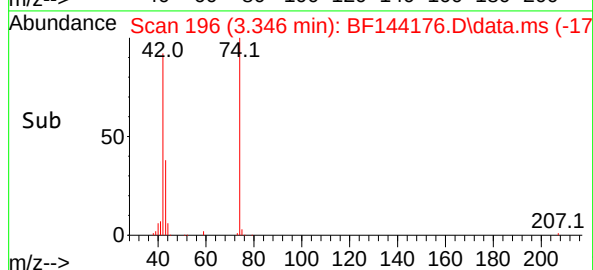
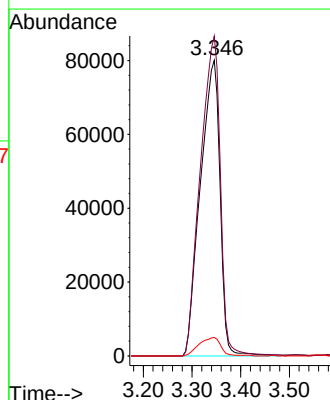
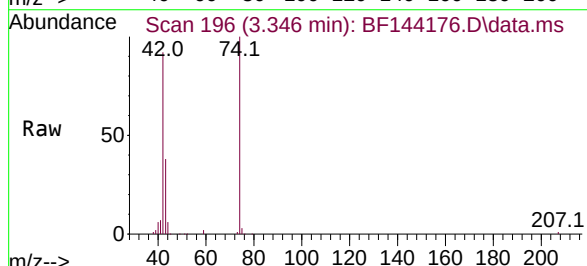
Tgt Ion: 42 Resp: 224403

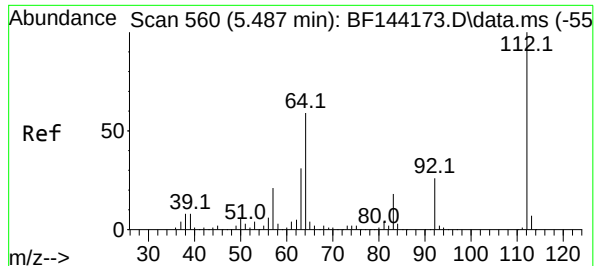
Ion	Ratio	Lower	Upper

42	100		

74	108.2	88.2	132.4

44	6.2	5.7	8.5

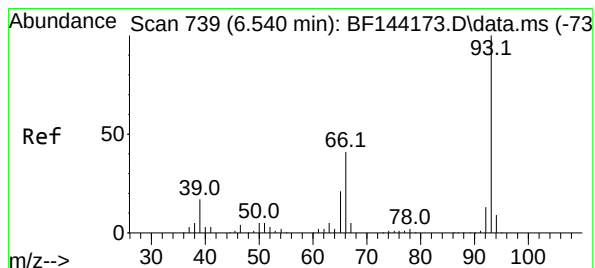
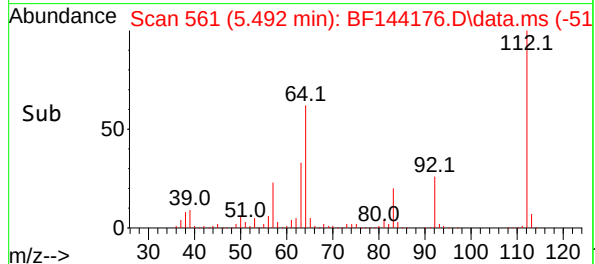
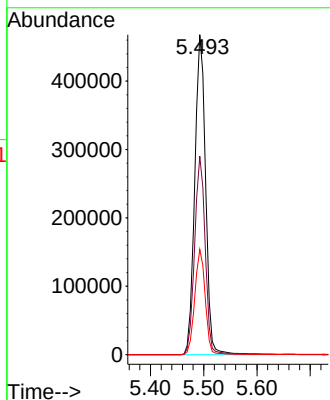
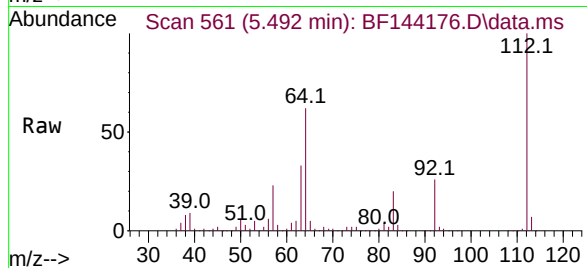




#5
2-Fluorophenol
Concen: 149.317 ng
RT: 5.492 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

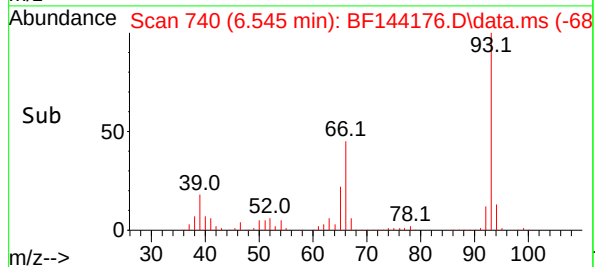
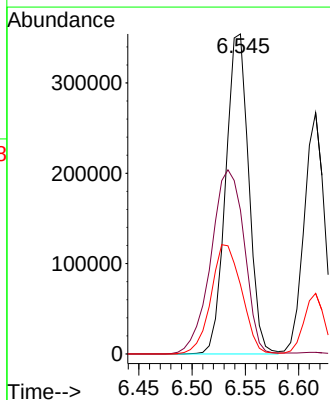
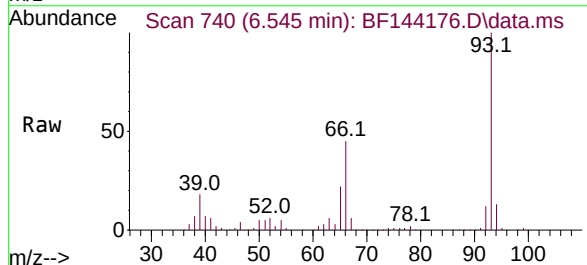
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

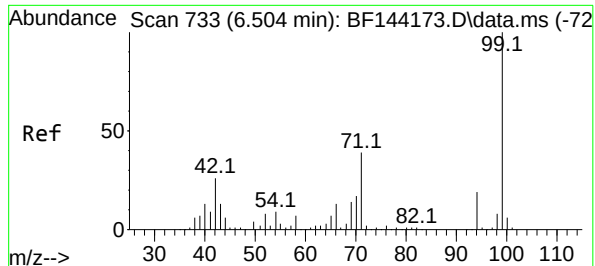
Tgt Ion:112 Resp: 661124
Ion Ratio Lower Upper
112 100
64 62.0 47.2 70.8
63 32.9 24.4 36.6



#6
Aniline
Concen: 74.439 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 93 Resp: 532078
Ion Ratio Lower Upper
93 100
66 44.9 34.3 51.5
65 21.6 16.9 25.3

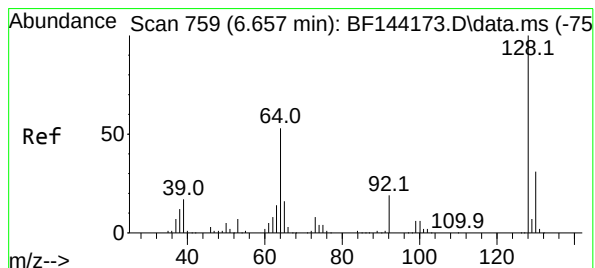
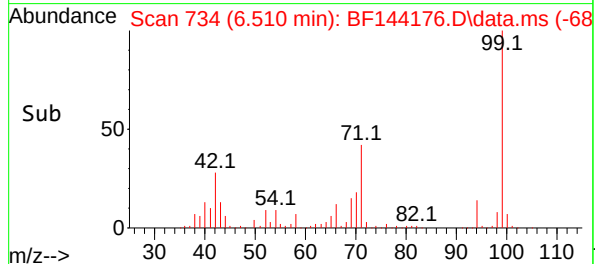
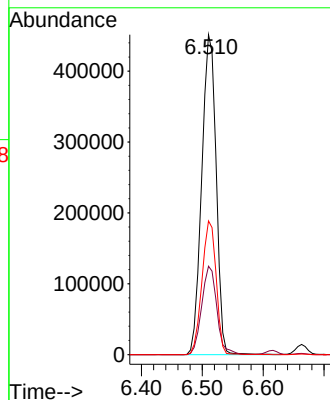
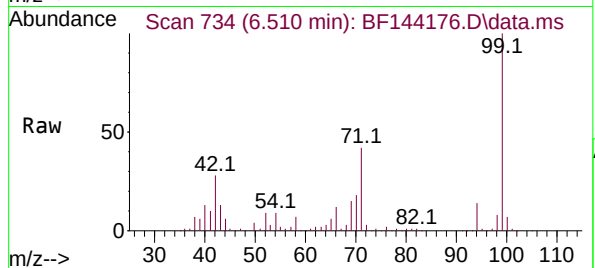




#7
Phenol-d6
Concen: 147.919 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

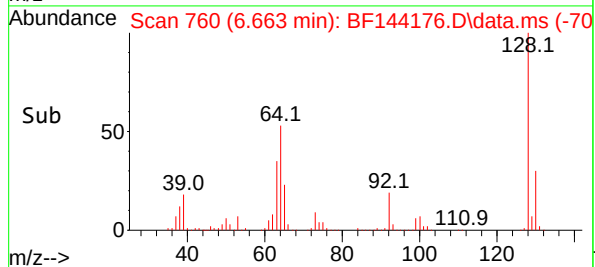
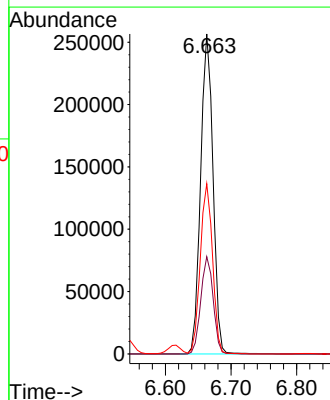
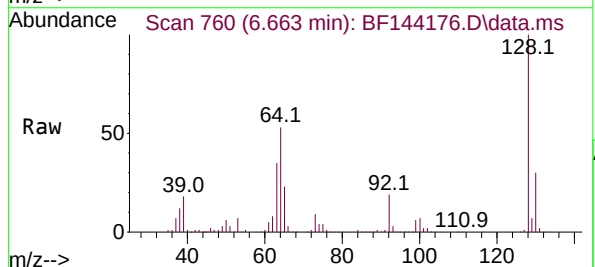
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

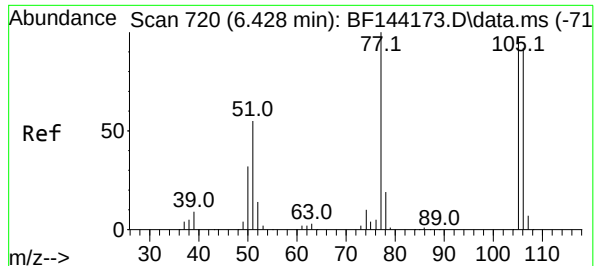
Tgt Ion: 99 Resp: 742089
Ion Ratio Lower Upper
99 100
42 27.6 20.9 31.3
71 41.8 31.4 47.2



#8
2-Chlorophenol
Concen: 76.859 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 128 Resp: 333730
Ion Ratio Lower Upper
128 100
130 30.4 10.5 50.5
64 53.2 33.2 73.2





#9

Benzaldehyde

Concen: 66.820 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

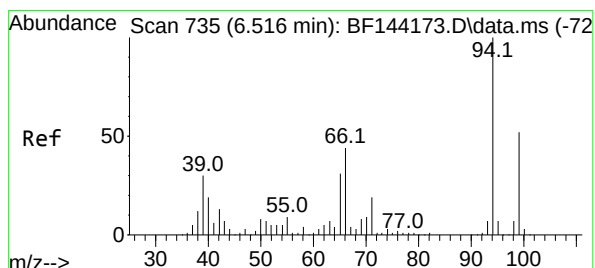
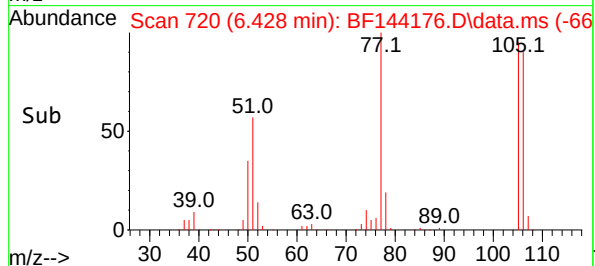
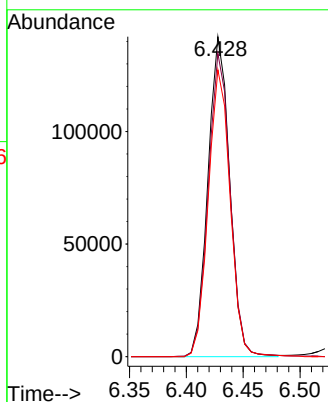
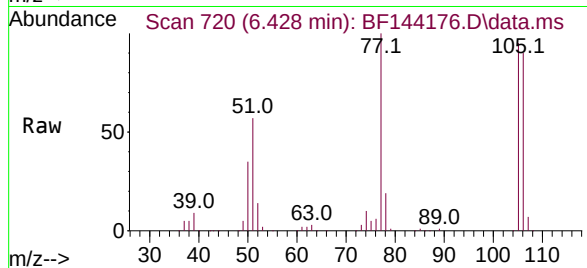
Tgt Ion: 77 Resp: 189297

Ion Ratio Lower Upper

77 100

105 94.7 77.2 117.2

106 89.6 72.2 112.2



#10

Phenol

Concen: 72.080 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

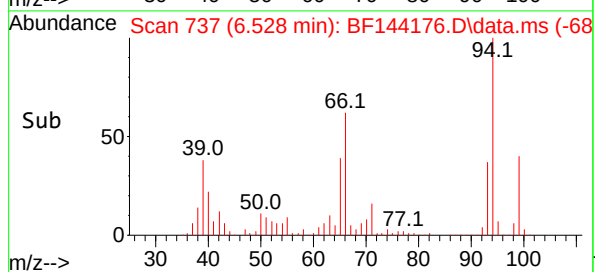
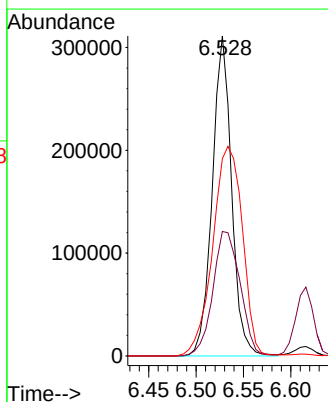
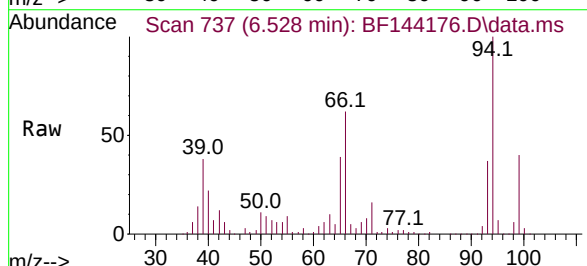
Tgt Ion: 94 Resp: 441818

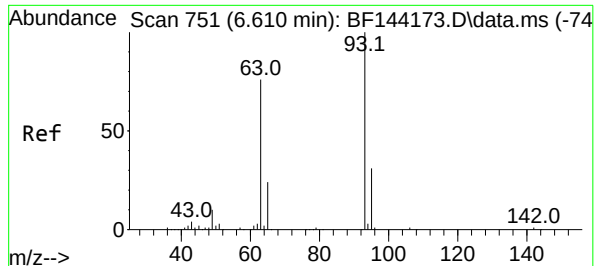
Ion Ratio Lower Upper

94 100

65 38.9 10.8 50.8

66 61.6 24.3 64.3





#11

bis(2-Chloroethyl)ether

Concen: 78.104 ng

RT: 6.616 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

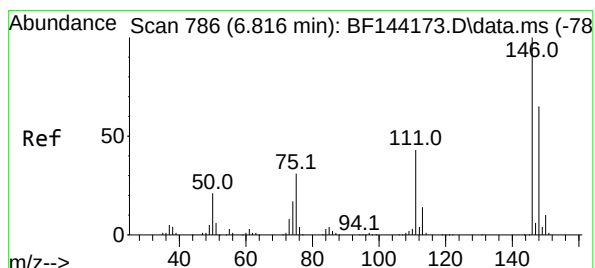
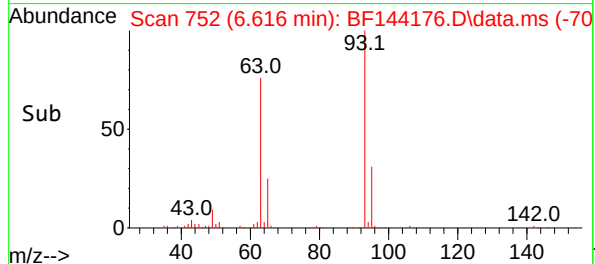
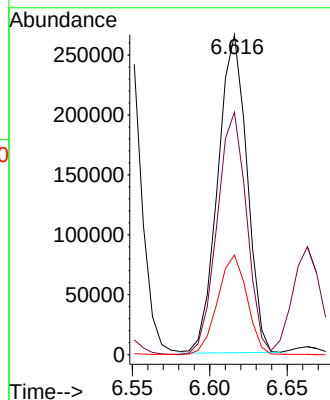
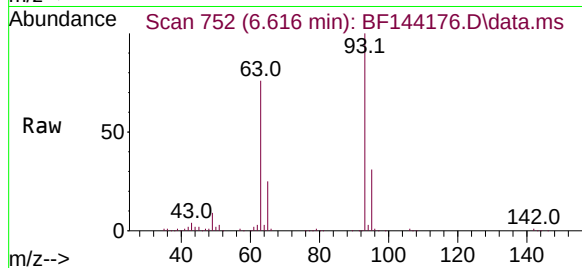
Tgt Ion: 93 Resp: 348844

Ion Ratio Lower Upper

93 100

63 75.8 55.2 95.2

95 31.1 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 75.913 ng

RT: 6.816 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

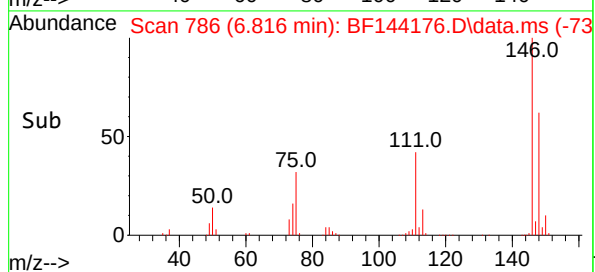
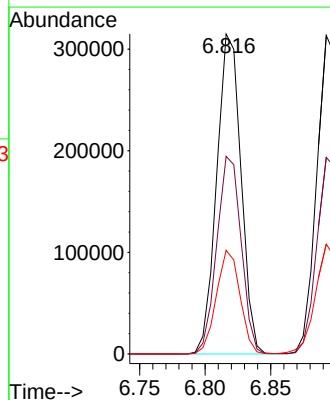
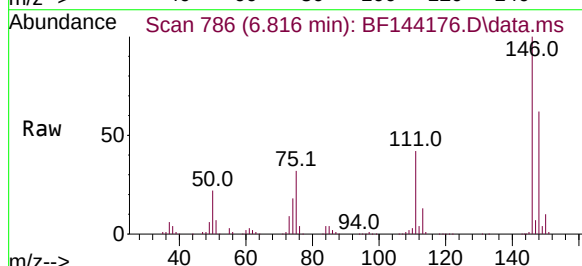
Tgt Ion:146 Resp: 406743

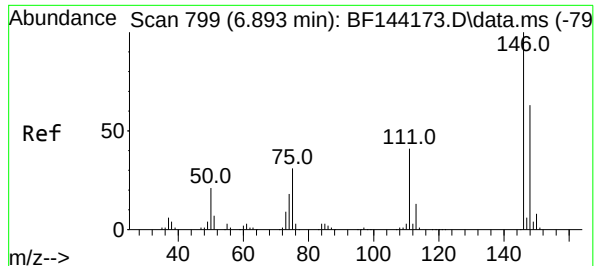
Ion Ratio Lower Upper

146 100

148 61.7 51.8 77.8

75 32.4 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 75.597 ng

RT: 6.892 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

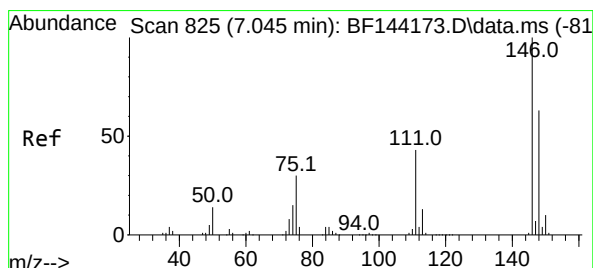
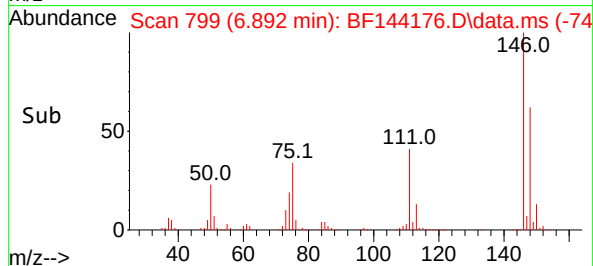
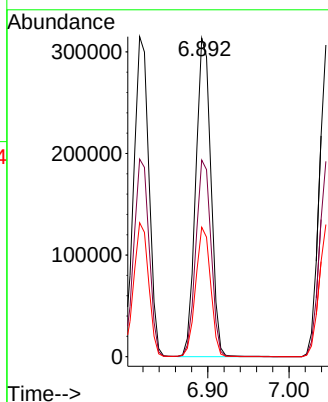
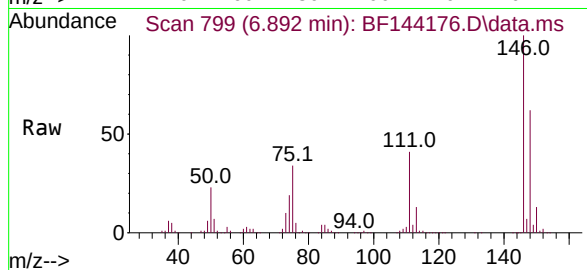
Tgt Ion:146 Resp: 405797

Ion Ratio Lower Upper

146 100

148 61.7 50.2 75.2

111 40.6 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 75.617 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

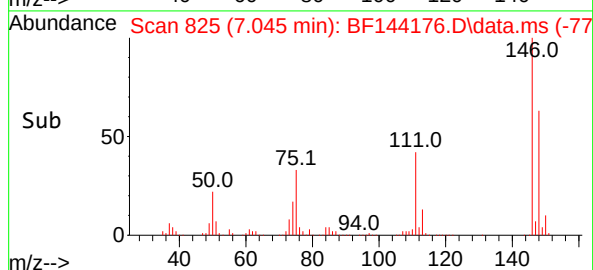
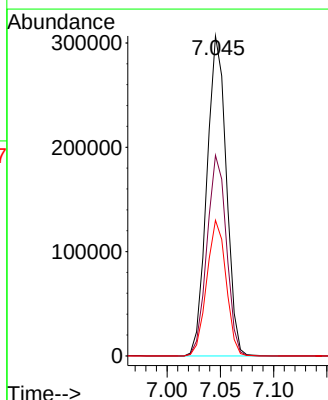
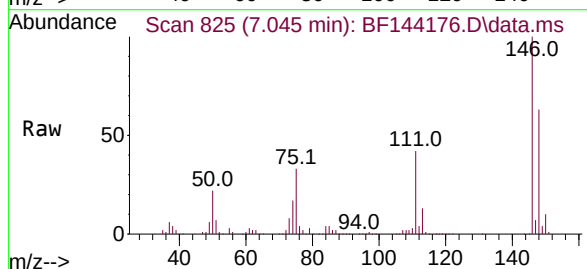
Tgt Ion:146 Resp: 389053

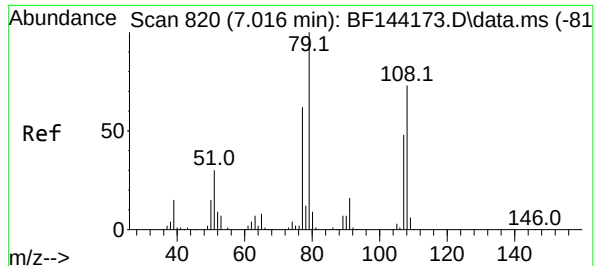
Ion Ratio Lower Upper

146 100

148 62.7 50.7 76.1

111 42.4 34.2 51.4

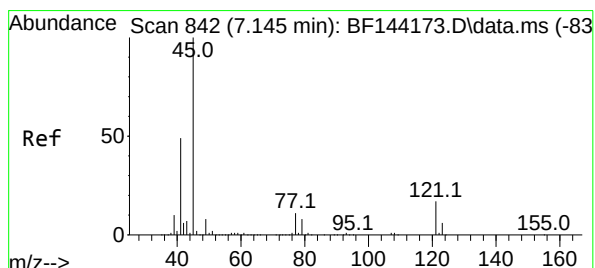
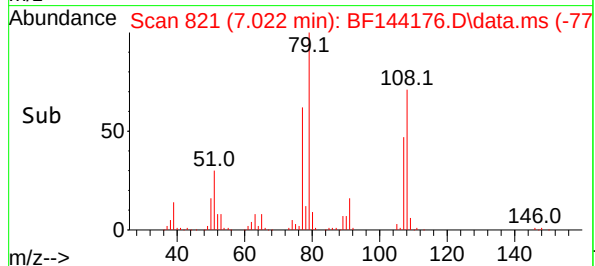
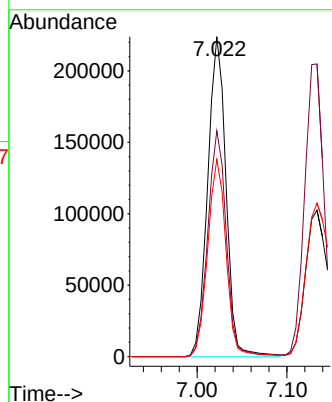
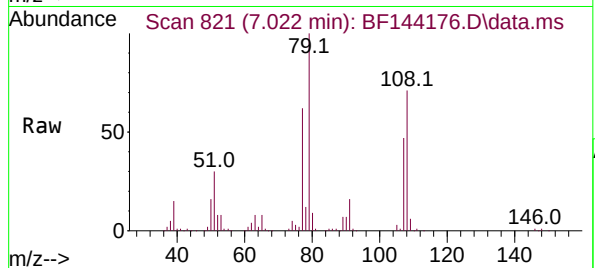




#15
Benzyl Alcohol
Concen: 79.866 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

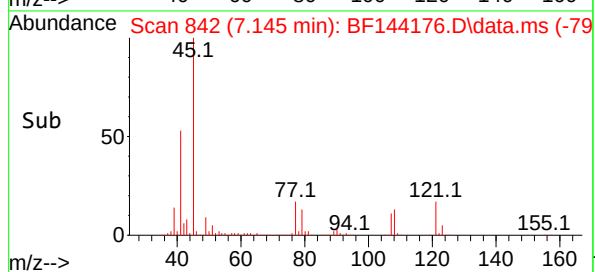
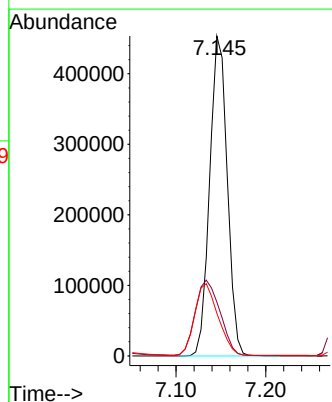
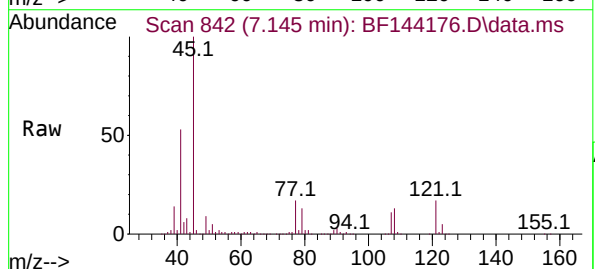
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

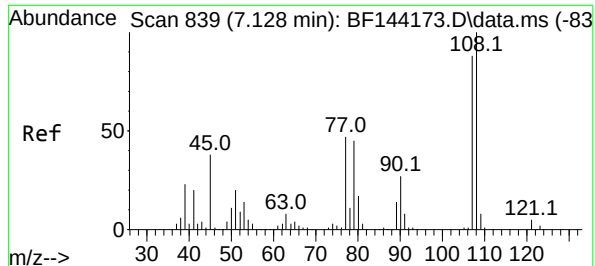
Tgt Ion: 79 Resp: 317271
Ion Ratio Lower Upper
79 100
108 70.6 58.2 87.4
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 75.396 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 45 Resp: 620126
Ion Ratio Lower Upper
45 100
77 16.8 0.0 31.8
79 13.3 0.0 29.1

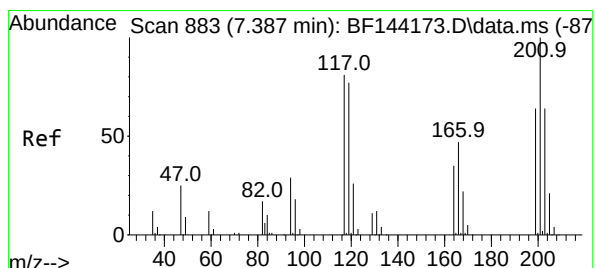
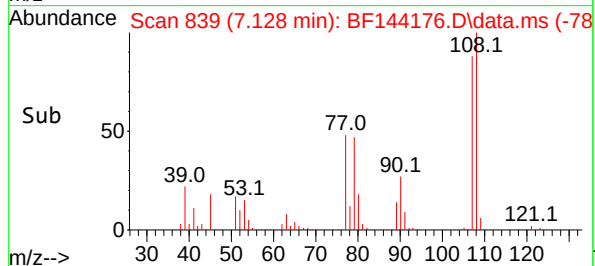
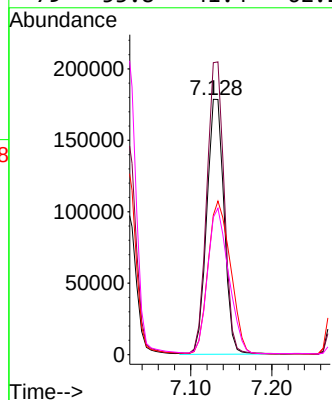
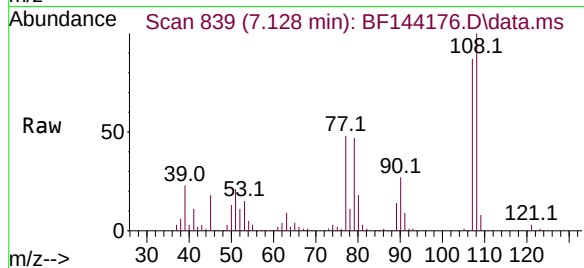




#17
2-Methylphenol
Concen: 76.865 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

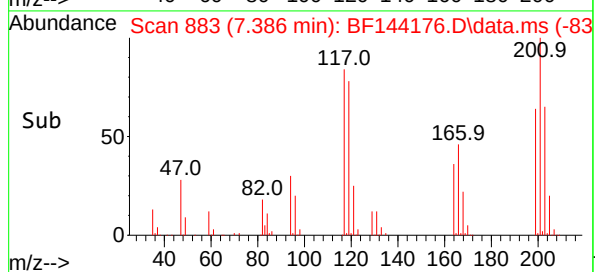
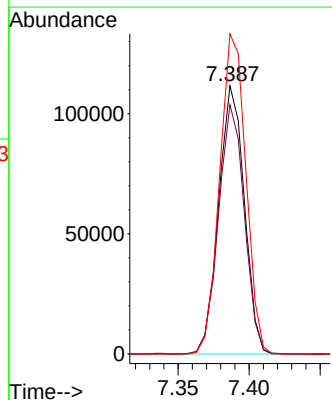
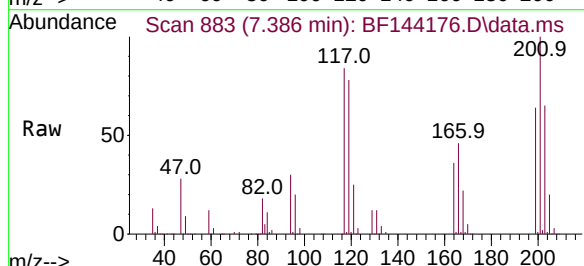
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

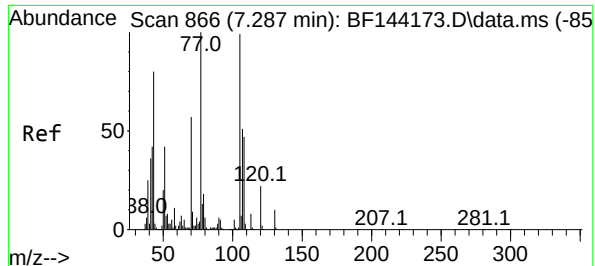
Tgt Ion:	107	Resp:	265517
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	54.6	42.7	64.1
79	53.8	41.4	62.2



#18
Hexachloroethane
Concen: 78.387 ng
RT: 7.386 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:	117	Resp:	139795
Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.8	113.8
201	119.4	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 75.502 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.000 min

Lab File: BF144176.D

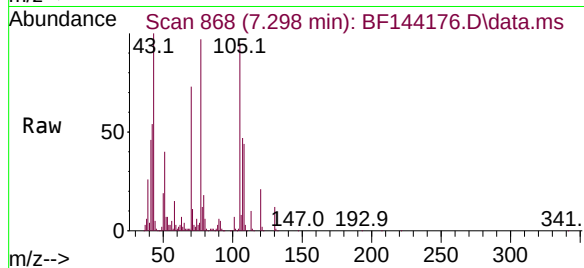
Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 70 Resp: 249355

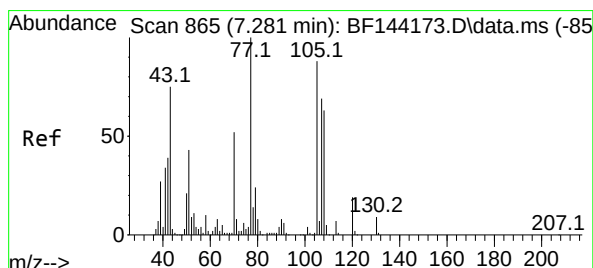
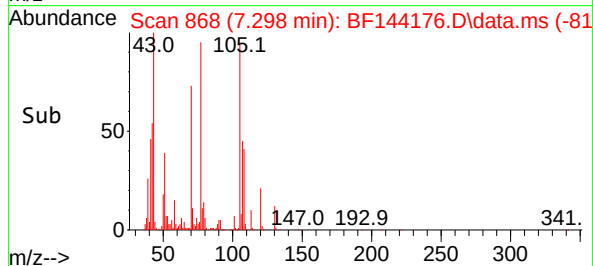
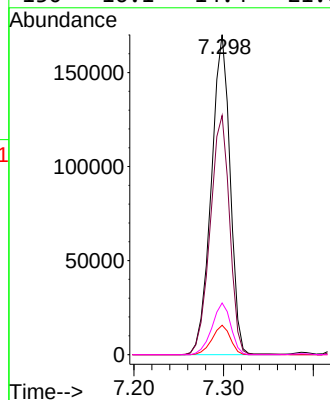
Ion Ratio Lower Upper

70 100

42 74.7 58.3 87.5

101 9.2 7.0 10.6

130 16.1 14.4 21.6



#20

3+4-Methylphenols

Concen: 73.473 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion: 107 Resp: 299182

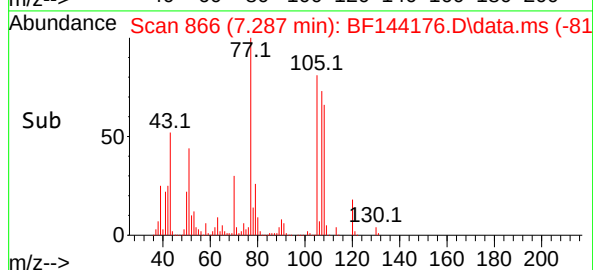
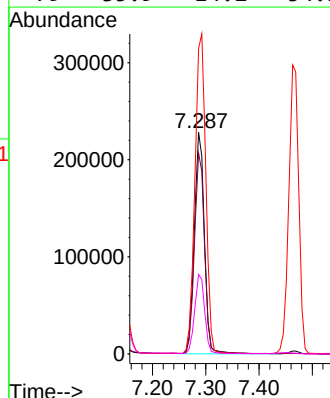
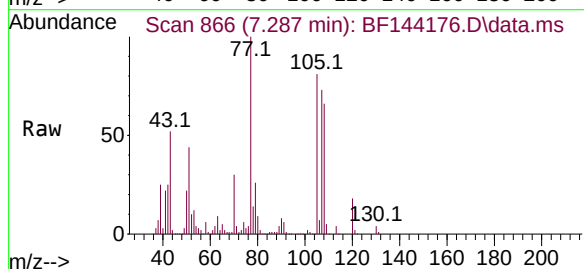
Ion Ratio Lower Upper

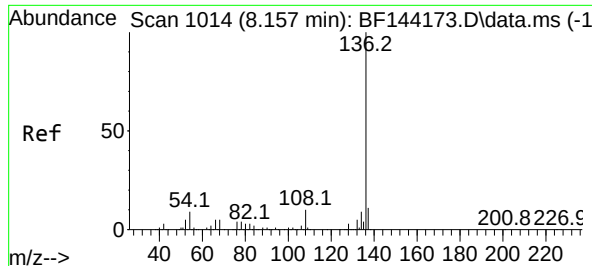
107 100

108 90.6 70.2 110.2

77 137.9 123.9 163.9

79 35.9 14.2 54.2

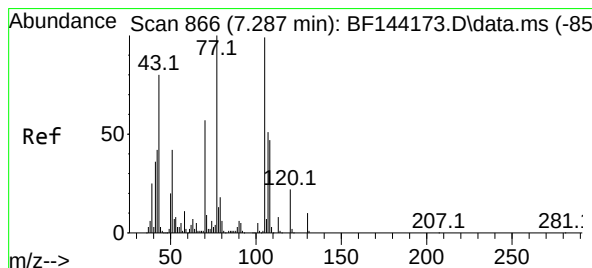
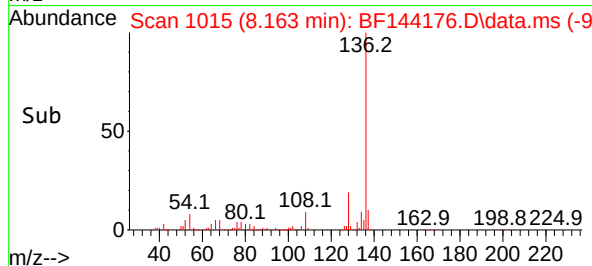
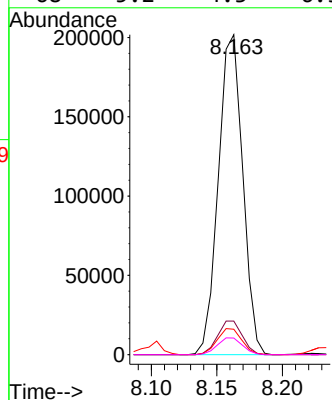
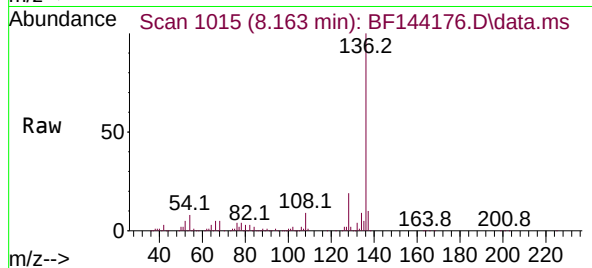




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

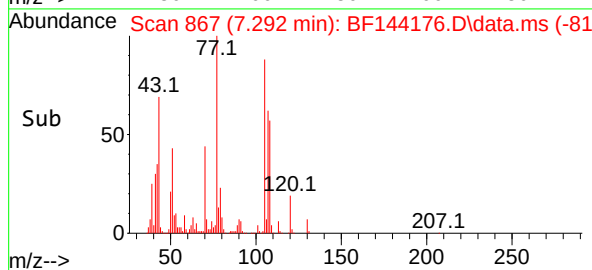
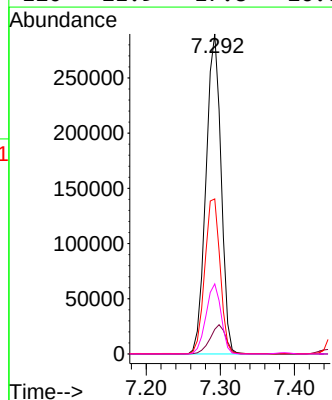
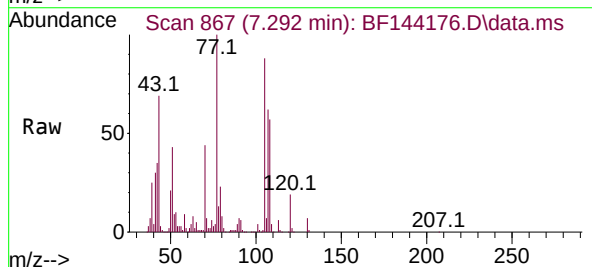
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

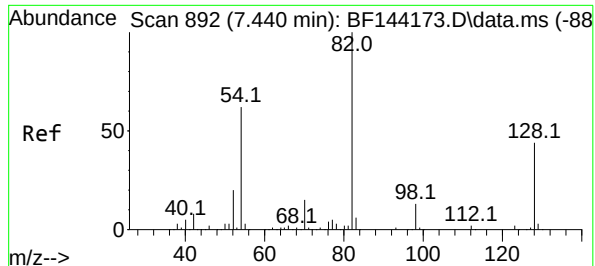
Tgt Ion:136 Resp: 261584
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.9 7.0 10.6
68 5.2 4.3 6.5



#22
Acetophenone
Concen: 72.994 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:105 Resp: 409610
Ion Ratio Lower Upper
105 100
71 7.7 7.2 10.8
51 48.4 34.0 51.0
120 21.9 17.8 26.6





#23

Nitrobenzene-d5

Concen: 156.207 ng

RT: 7.445 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

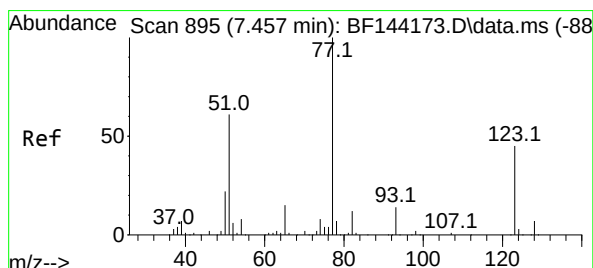
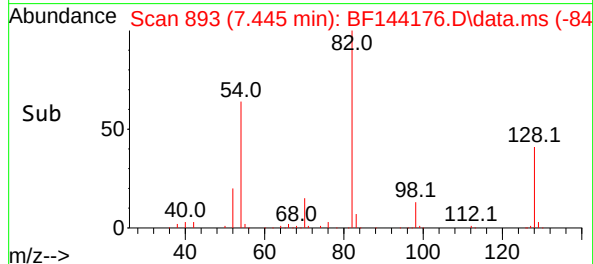
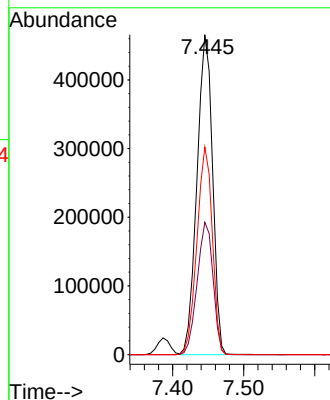
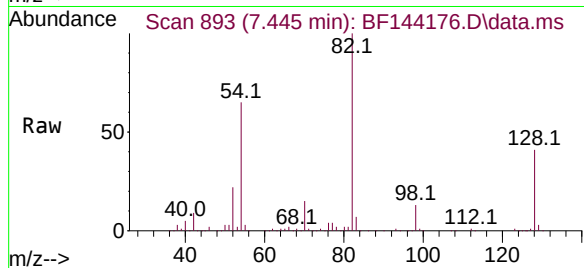
Tgt Ion: 82 Resp: 707494

Ion Ratio Lower Upper

82 100

128 41.3 34.7 52.1

54 64.9 49.5 74.3



#24

Nitrobenzene

Concen: 78.328 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

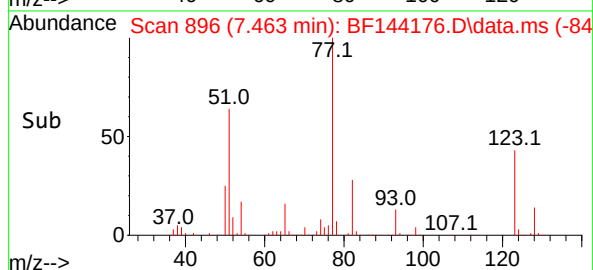
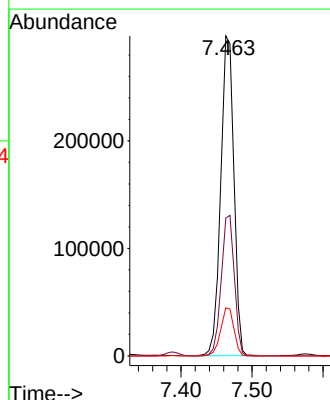
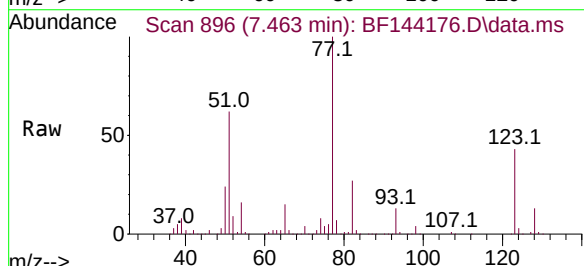
Tgt Ion: 77 Resp: 385188

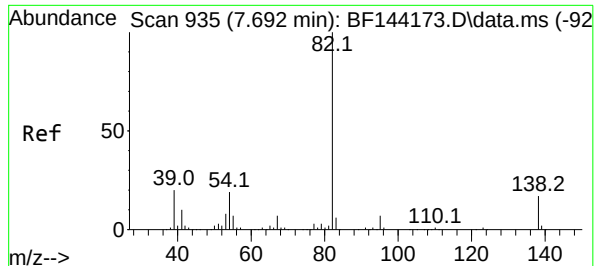
Ion Ratio Lower Upper

77 100

123 43.0 35.8 53.8

65 15.0 12.2 18.2

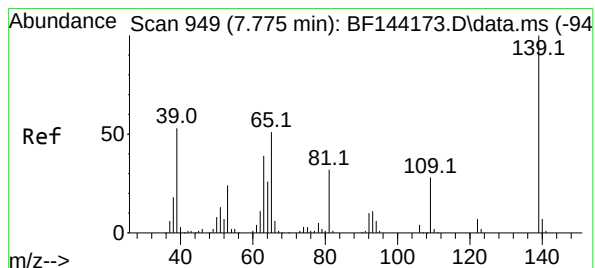
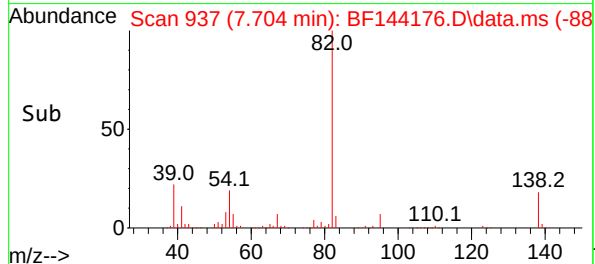
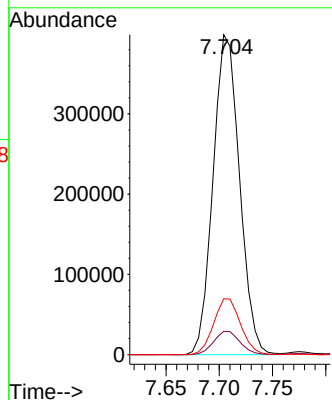
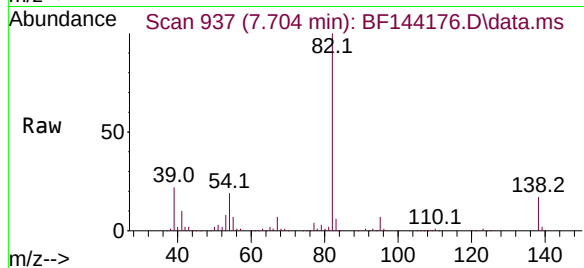




#25
Isophorone
Concen: 80.522 ng
RT: 7.704 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

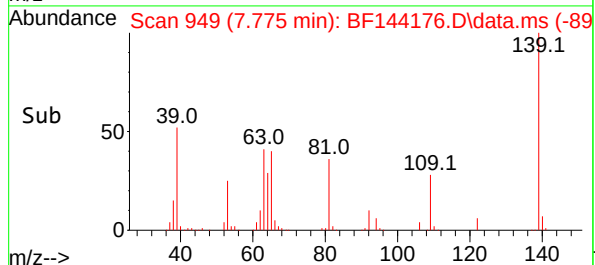
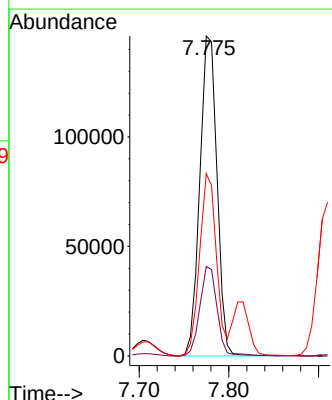
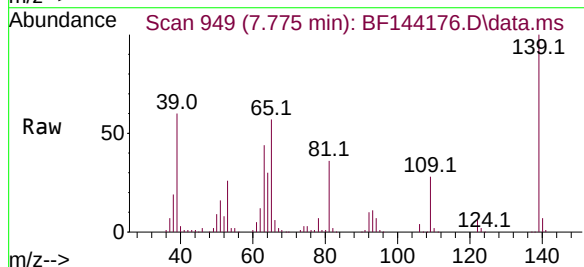
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

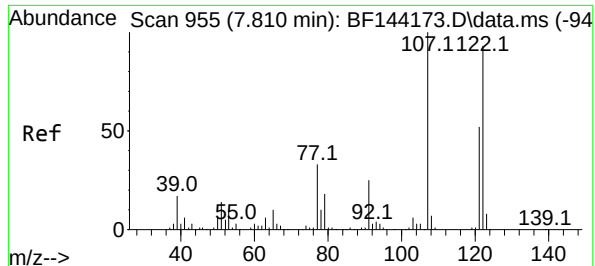
Tgt Ion: 82 Resp: 689837
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.4 13.7 20.5



#26
2-Nitrophenol
Concen: 80.050 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 139 Resp: 194869
Ion Ratio Lower Upper
139 100
109 27.9 22.2 33.2
65 56.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 78.826 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

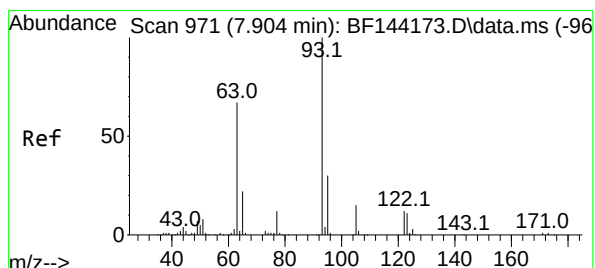
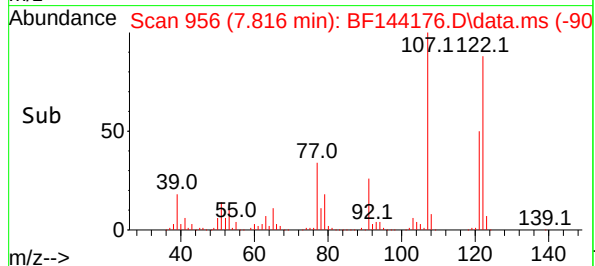
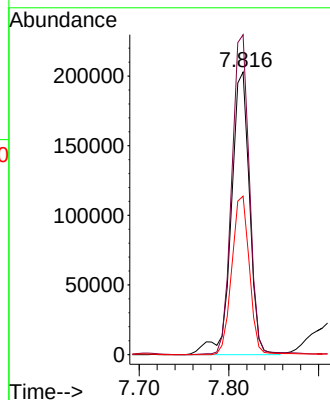
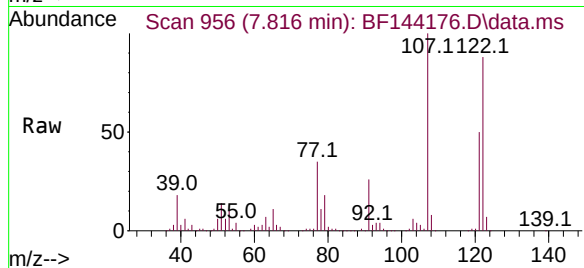
Tgt Ion:122 Resp: 287607

Ion Ratio Lower Upper

122 100

107 113.2 86.2 129.4

121 56.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 76.234 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

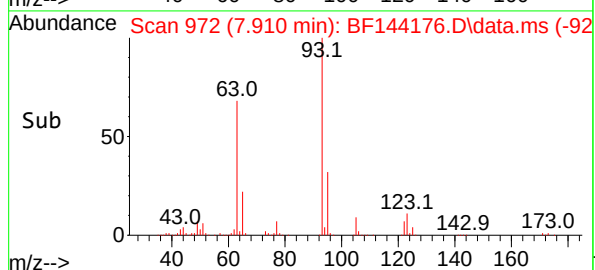
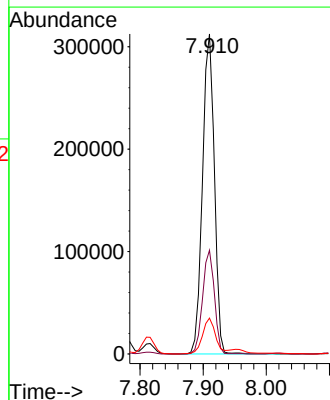
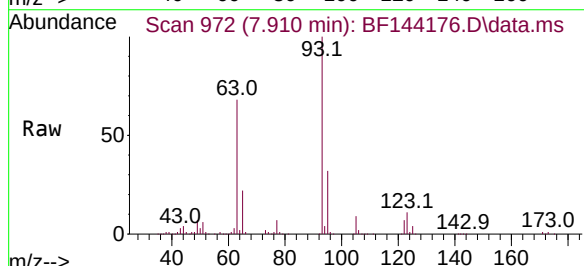
Tgt Ion: 93 Resp: 407835

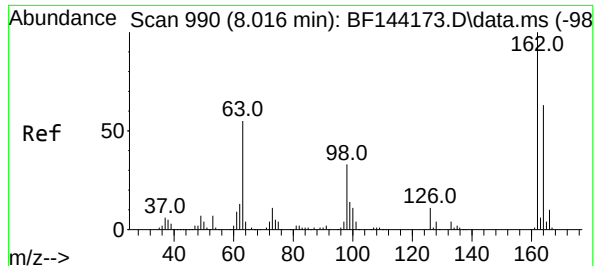
Ion Ratio Lower Upper

93 100

95 32.4 24.2 36.4

123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 74.016 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

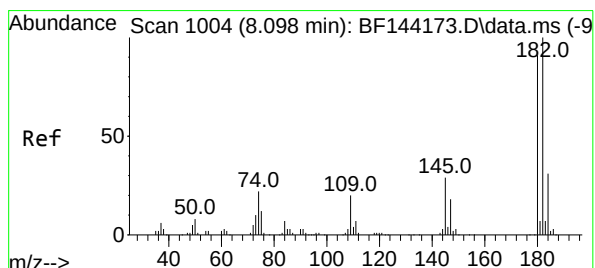
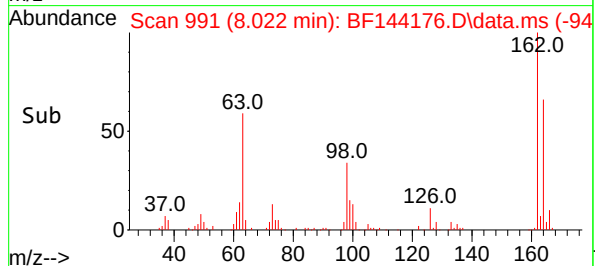
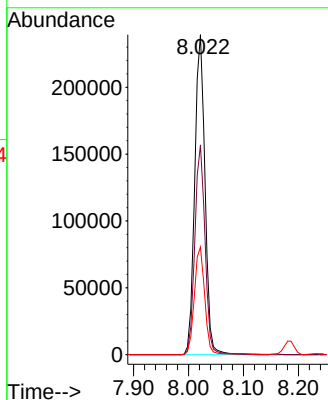
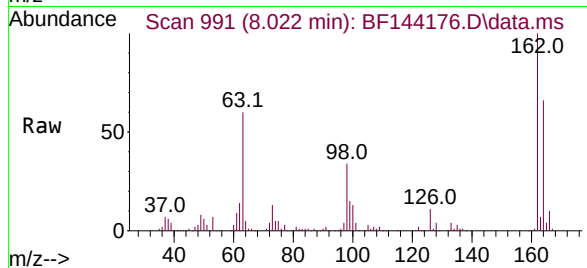
Tgt Ion:162 Resp: 311260

Ion Ratio Lower Upper

162 100

164 65.5 42.9 82.9

98 33.6 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 75.604 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

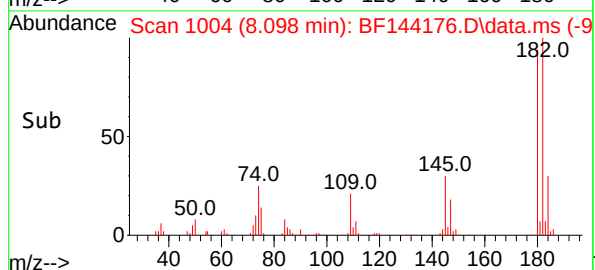
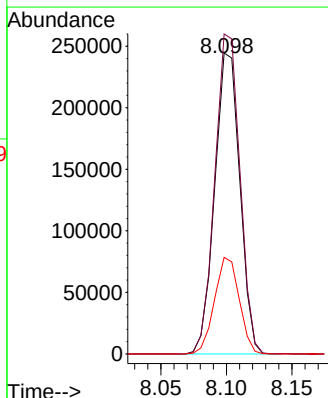
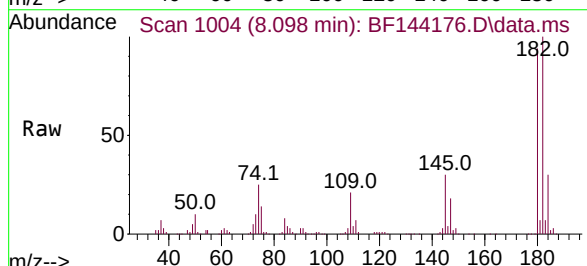
Tgt Ion:180 Resp: 326475

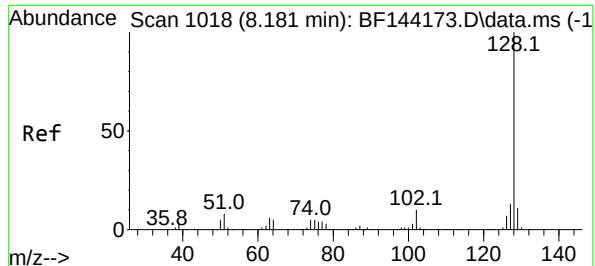
Ion Ratio Lower Upper

180 100

182 106.3 87.7 131.5

145 32.1 25.4 38.0

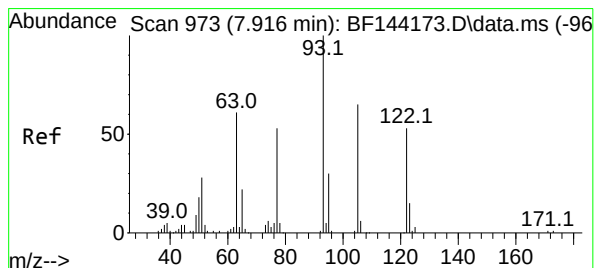
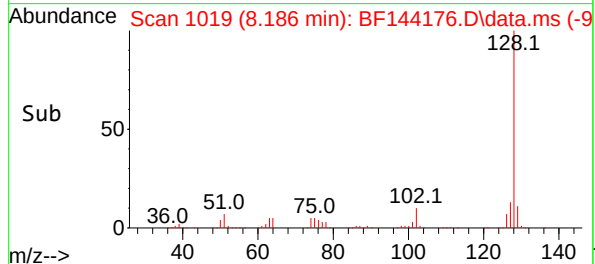
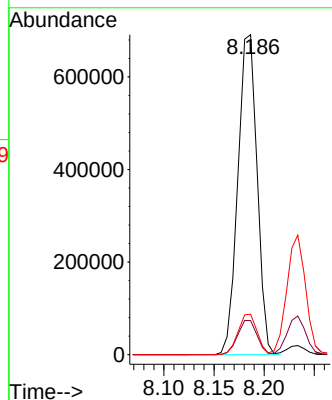
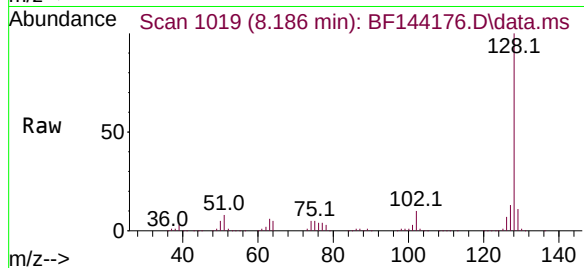




#31
Naphthalene
Concen: 73.994 ng
RT: 8.186 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

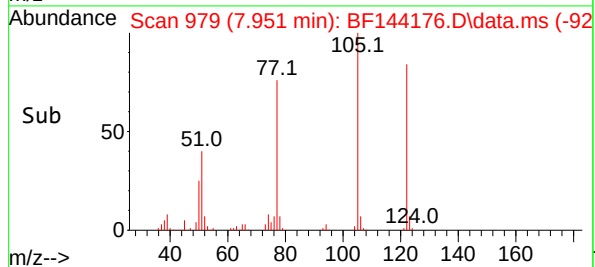
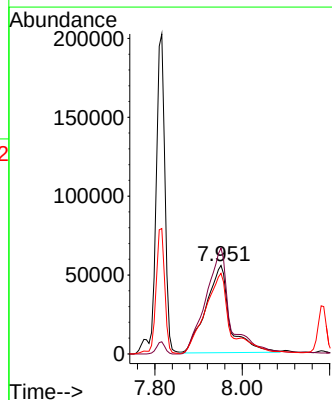
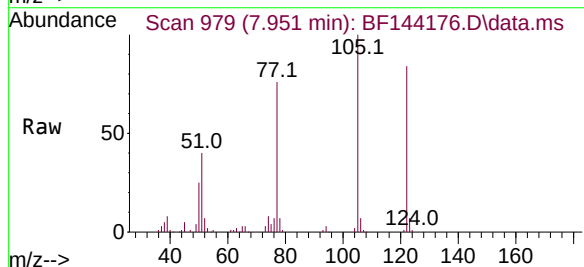
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

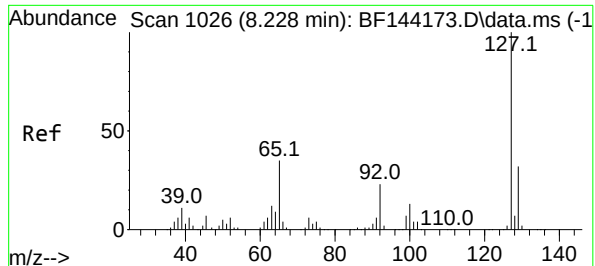
Tgt Ion:128 Resp: 920731
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 79.777 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:122 Resp: 213364
Ion Ratio Lower Upper
122 100
105 119.6 99.9 139.9
77 91.1 77.5 117.5

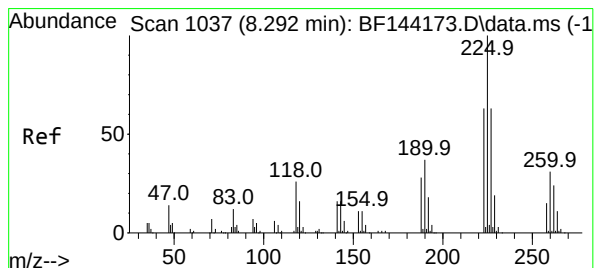
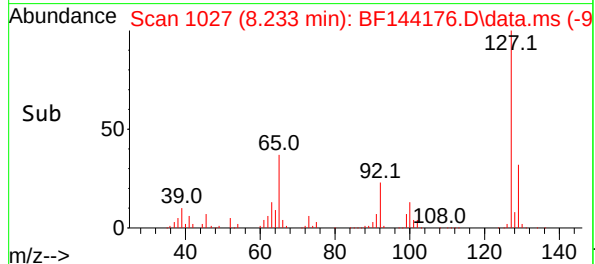
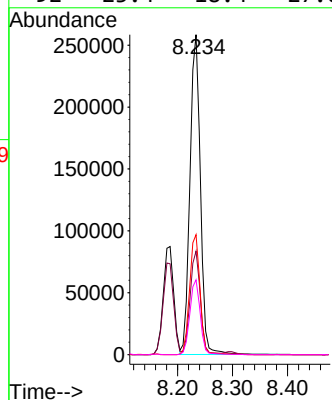
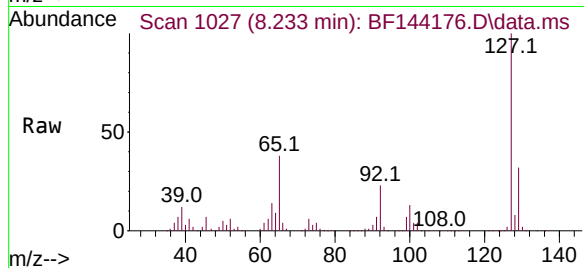




#33
4-Chloroaniline
Concen: 75.146 ng
RT: 8.233 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

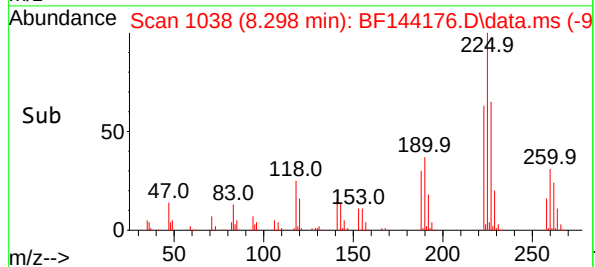
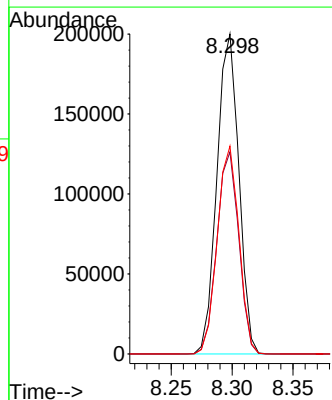
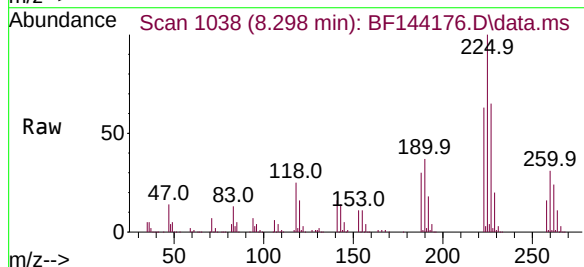
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

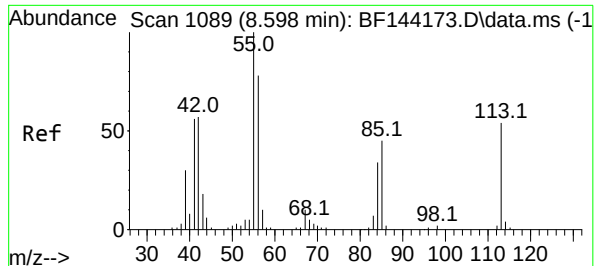
Tgt Ion:127	Resp: 341033
Ion Ratio	Lower Upper
127	100
129	32.3 25.3 37.9
65	37.5 27.6 41.4
92	23.4 18.4 27.6



#34
Hexachlorobutadiene
Concen: 76.645 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:225	Resp: 249435
Ion Ratio	Lower Upper
225	100
223	63.1 50.2 75.4
227	64.9 50.1 75.1





#35

Caprolactam

Concen: 79.765 ng

RT: 8.622 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

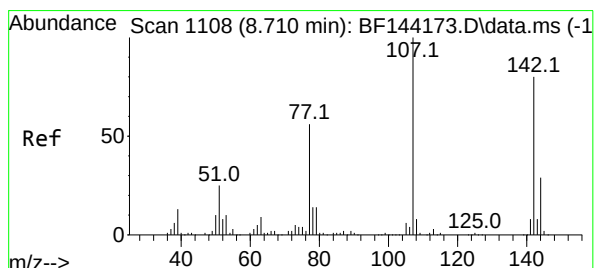
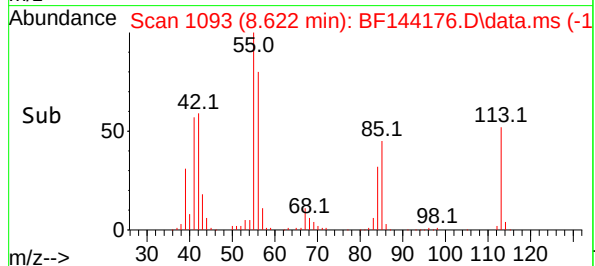
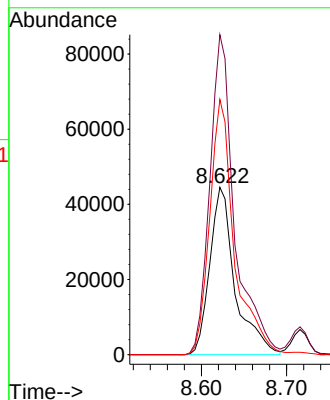
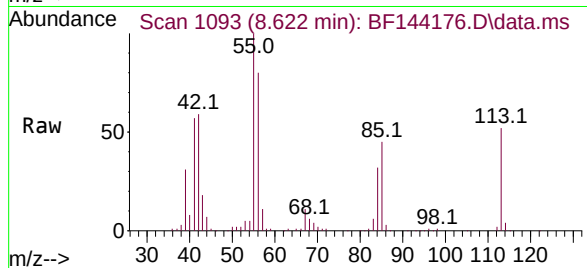
Tgt Ion:113 Resp: 91899

Ion Ratio Lower Upper

113 100

55 191.2 166.8 206.8

56 152.5 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 76.969 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

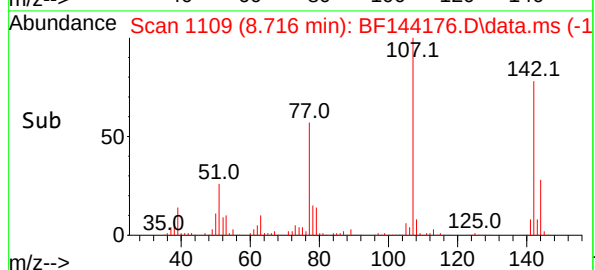
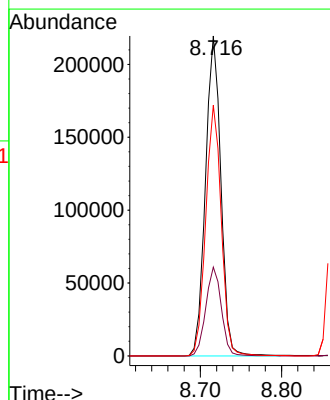
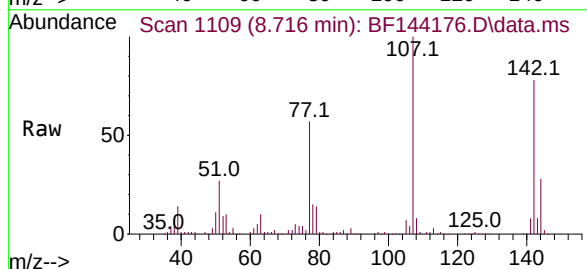
Tgt Ion:107 Resp: 290083

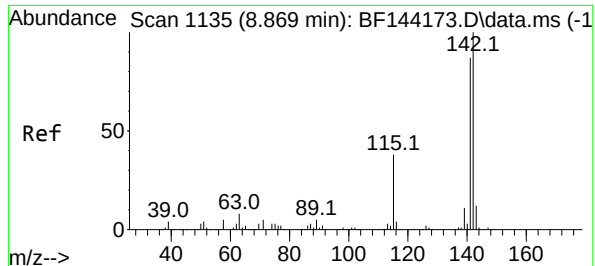
Ion Ratio Lower Upper

107 100

144 27.7 23.3 34.9

142 78.3 63.8 95.6





#37

2-Methylnaphthalene

Concen: 73.386 ng

RT: 8.875 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

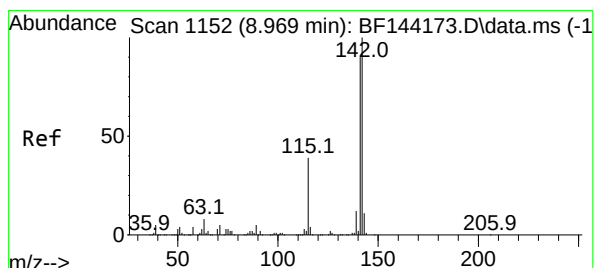
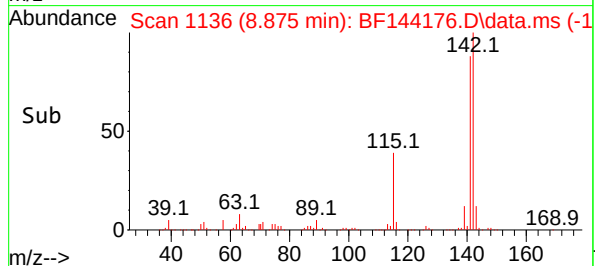
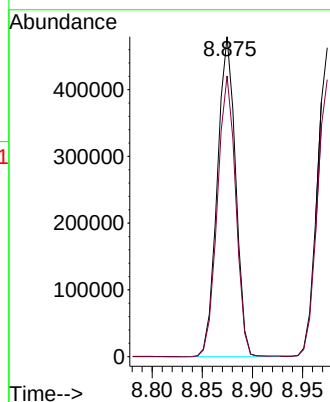
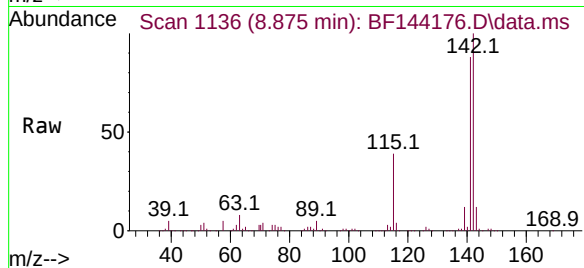
SSTDICC080

Tgt Ion:142 Resp: 610532

Ion Ratio Lower Upper

142 100

141 87.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 73.093 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144176.D

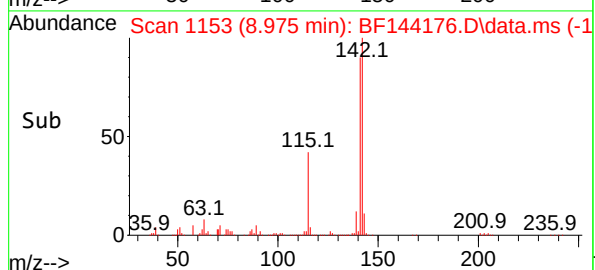
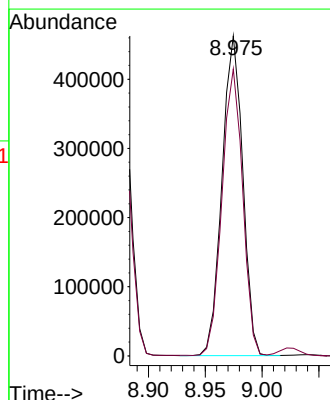
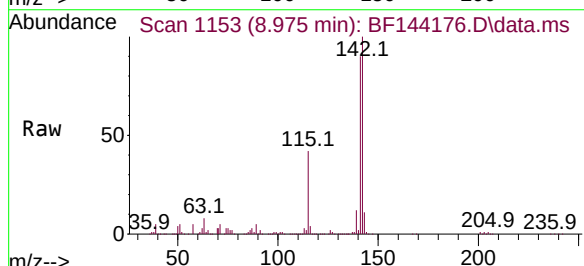
Acq: 05 Nov 2025 16:49

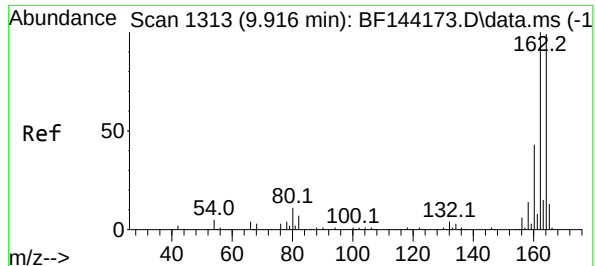
Tgt Ion:142 Resp: 586747

Ion Ratio Lower Upper

142 100

141 89.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

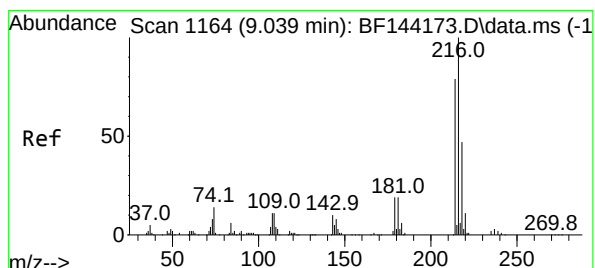
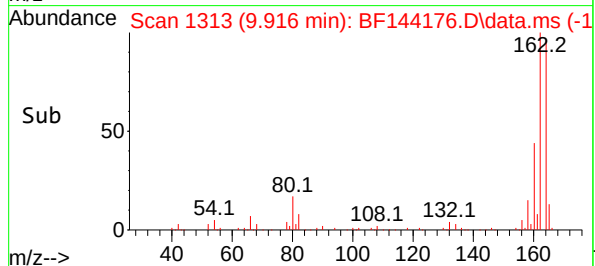
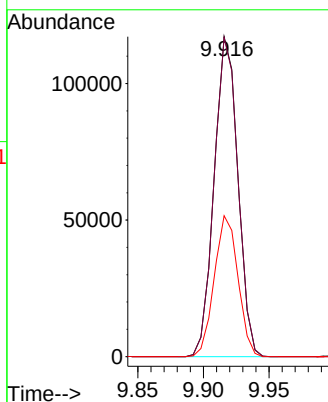
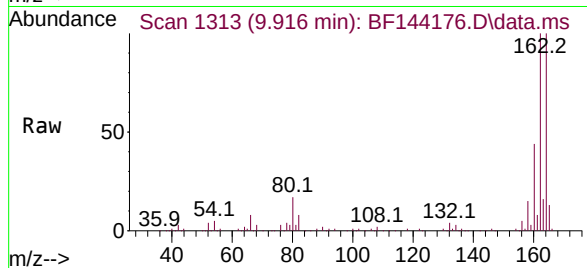
Tgt Ion:164 Resp: 147600

Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

160 44.0 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 74.631 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion:216 Resp: 361014

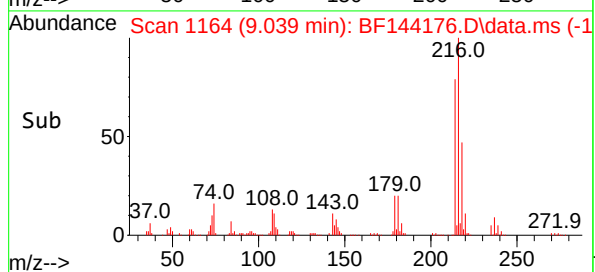
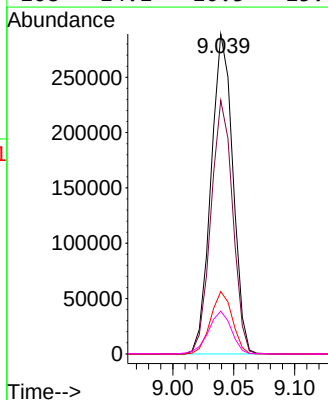
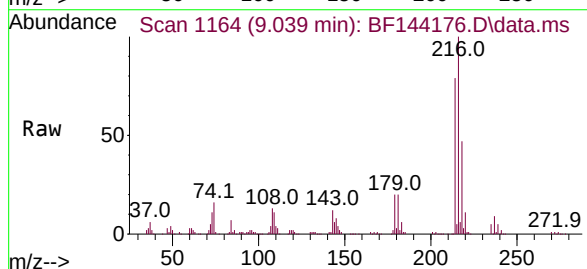
Ion Ratio Lower Upper

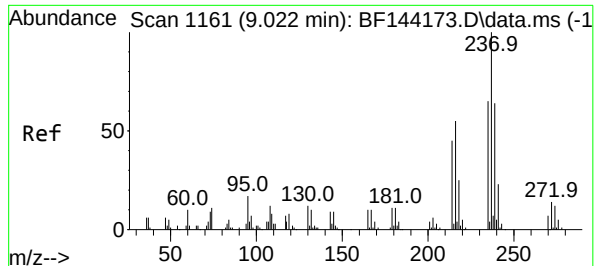
216 100

214 78.6 63.4 95.2

179 19.3 15.0 22.4

108 14.1 10.5 15.7

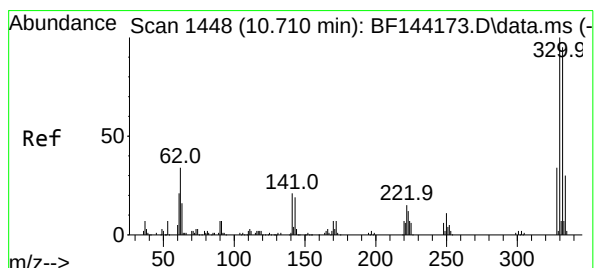
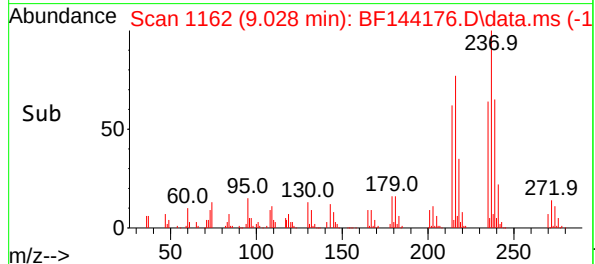
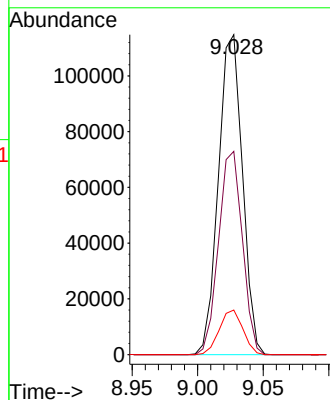
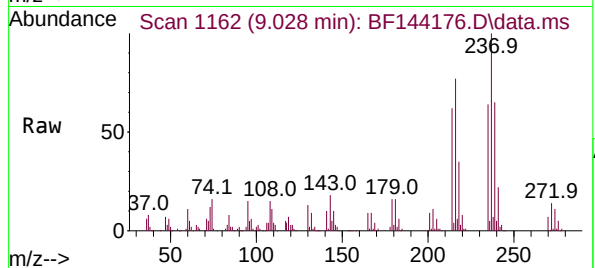




#41
Hexachlorocyclopentadiene
Concen: 78.238 ng
RT: 9.028 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

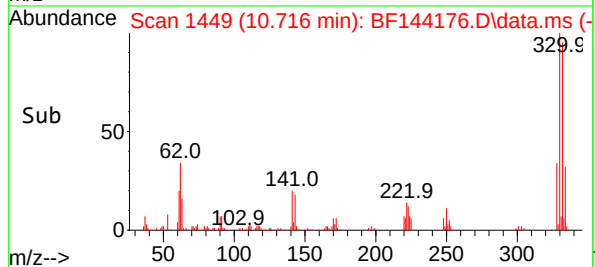
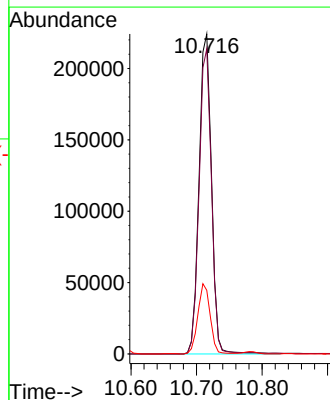
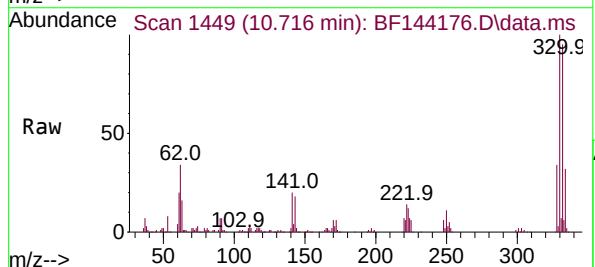
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

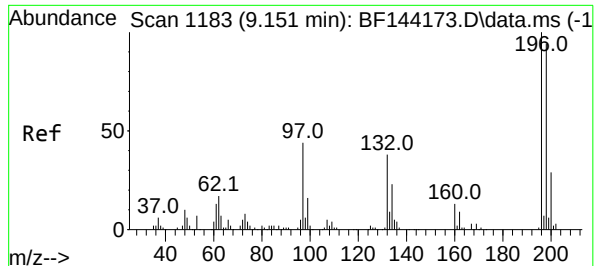
Tgt Ion:237 Resp: 146524
Ion Ratio Lower Upper
237 100
235 63.5 45.5 85.5
272 13.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 158.489 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:330 Resp: 293555
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 21.7 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 77.355 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144176.D

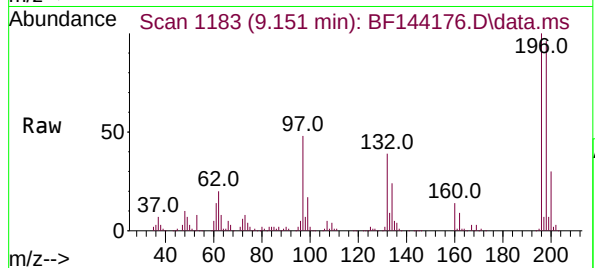
Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



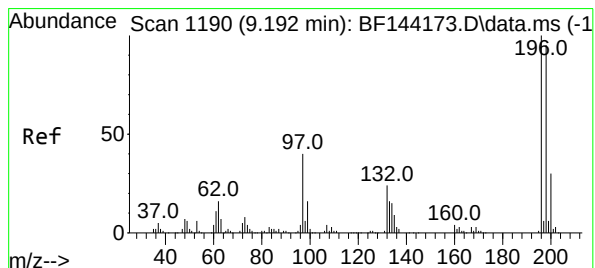
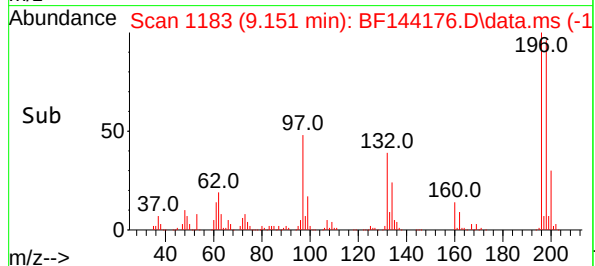
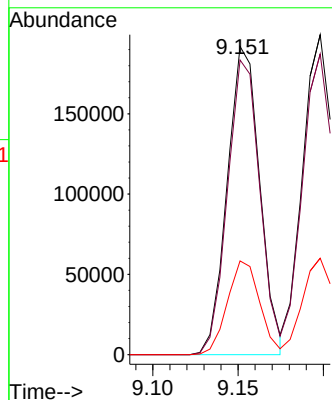
Tgt Ion:196 Resp: 254681

Ion Ratio Lower Upper

196 100

198 95.6 75.3 112.9

200 30.4 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 75.791 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion:196 Resp: 268940

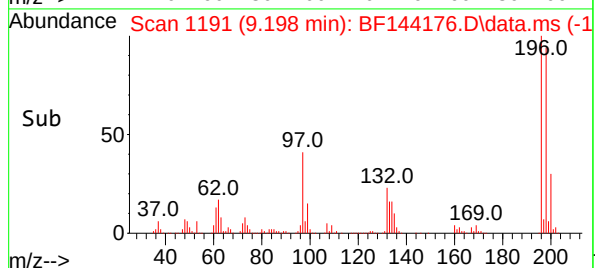
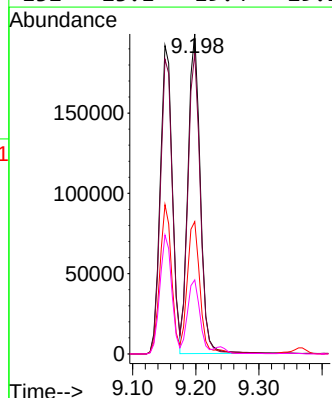
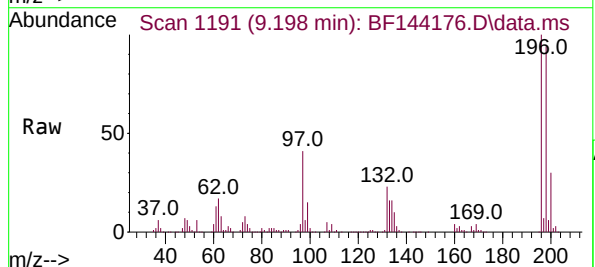
Ion Ratio Lower Upper

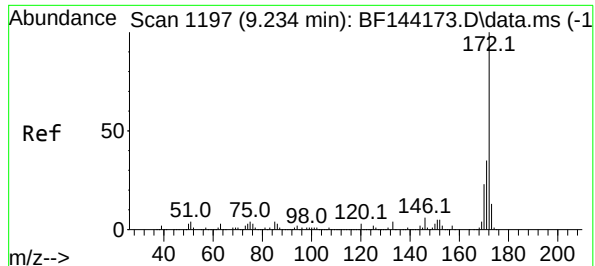
196 100

198 94.0 76.1 114.1

97 41.3 31.9 47.9

132 23.1 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 139.809 ng

RT: 9.239 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

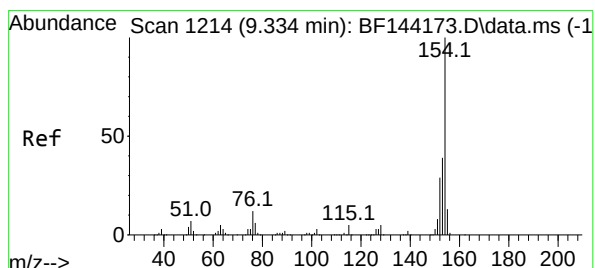
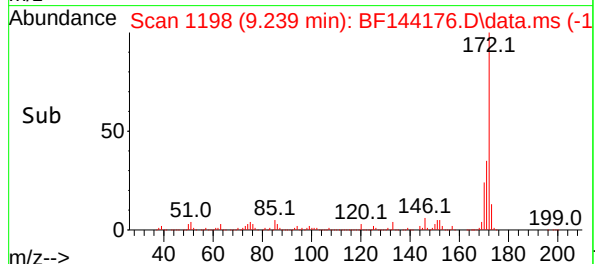
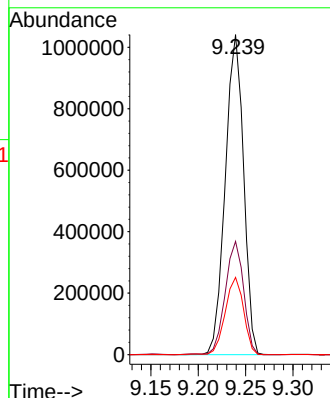
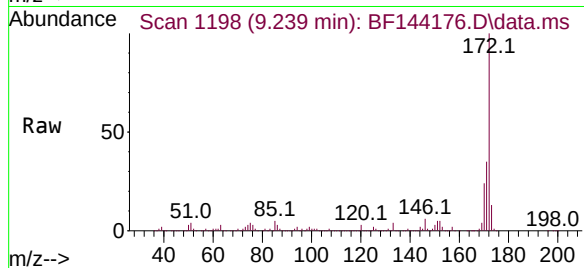
Tgt Ion:172 Resp: 1397211

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 24.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 72.784 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

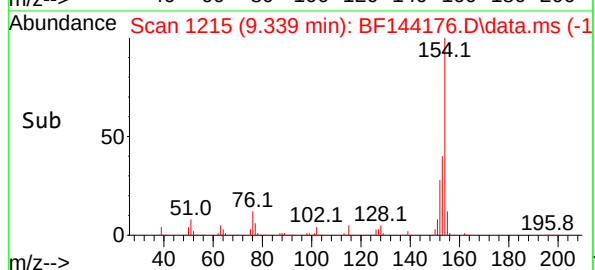
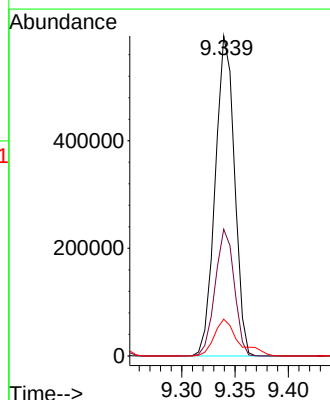
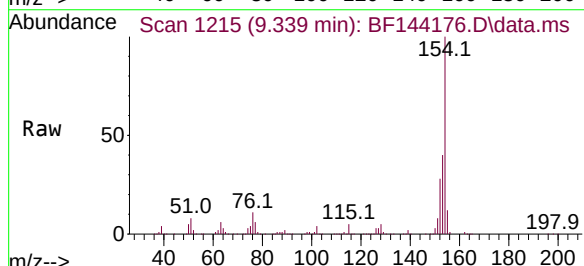
Tgt Ion:154 Resp: 749883

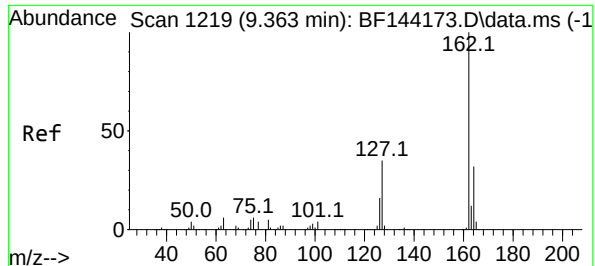
Ion Ratio Lower Upper

154 100

153 39.6 19.2 59.2

76 11.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 72.995 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

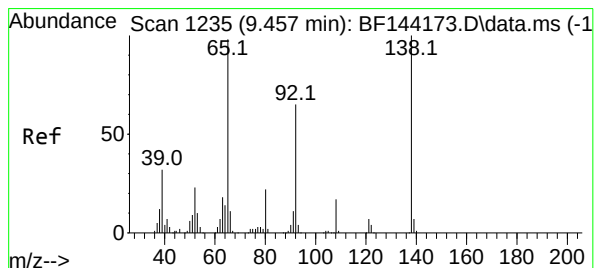
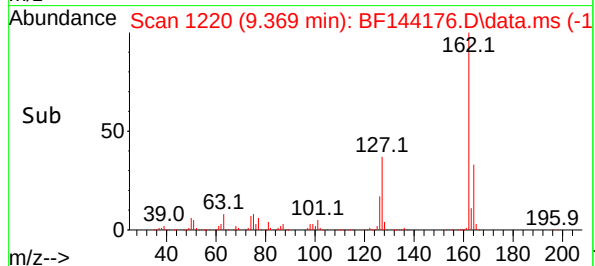
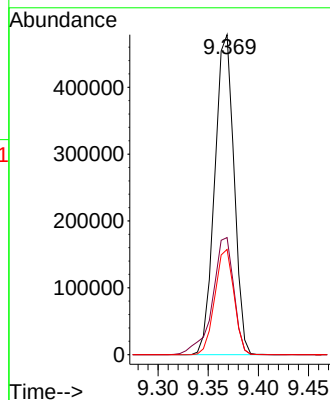
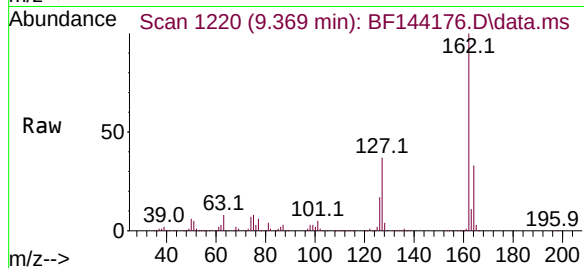
Tgt Ion:162 Resp: 641521

Ion Ratio Lower Upper

162 100

127 36.6 28.8 43.2

164 32.9 25.8 38.8



#48

2-Nitroaniline

Concen: 80.348 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

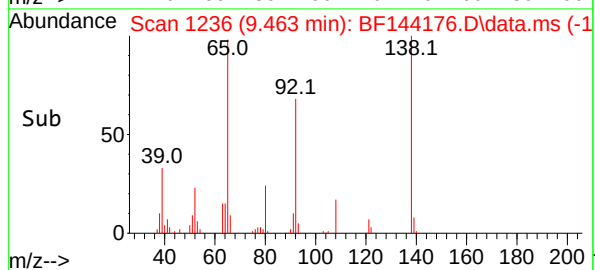
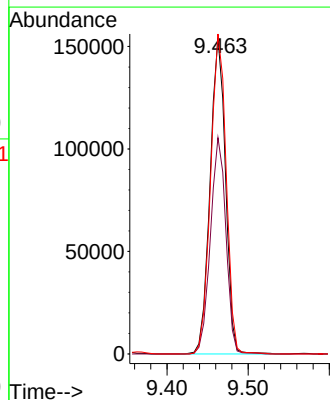
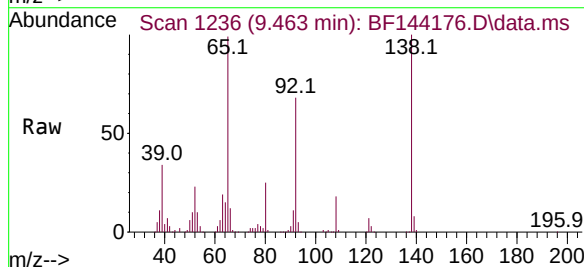
Tgt Ion: 65 Resp: 203746

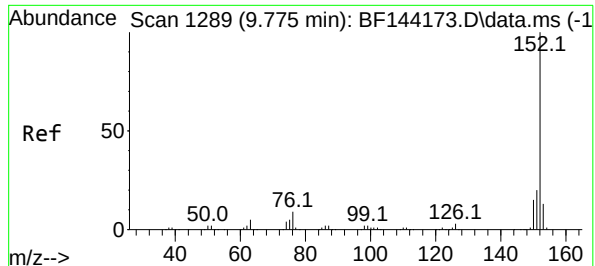
Ion Ratio Lower Upper

65 100

92 68.3 53.0 79.6

138 101.1 81.6 122.4





#49

Acenaphthylene

Concen: 74.264 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

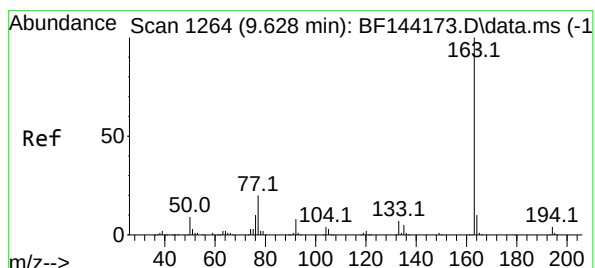
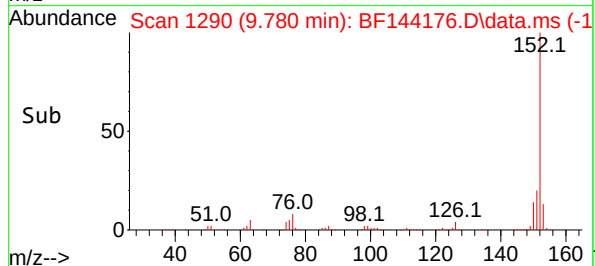
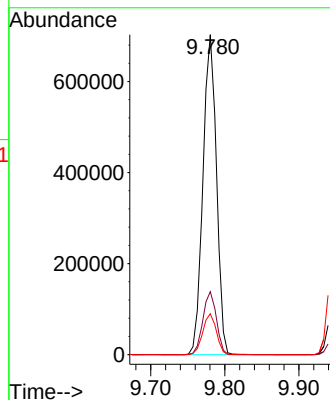
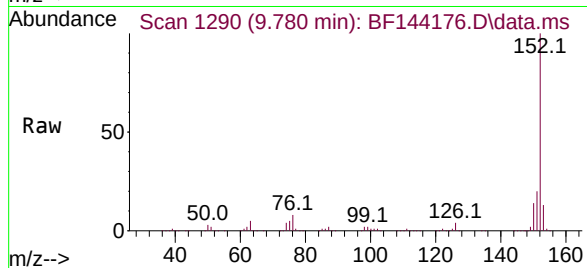
Tgt Ion:152 Resp: 889410

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 75.318 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

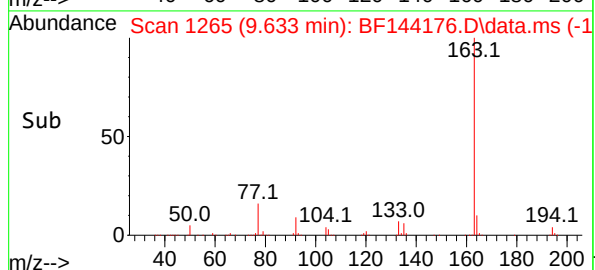
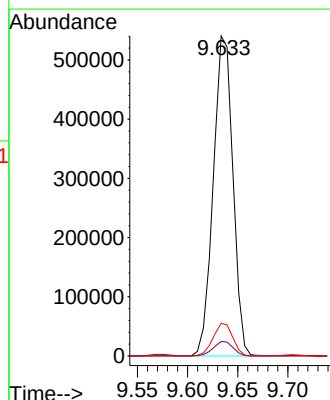
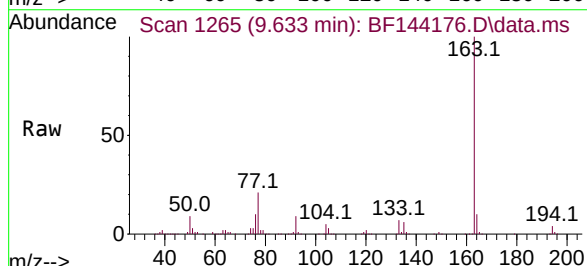
Tgt Ion:163 Resp: 736477

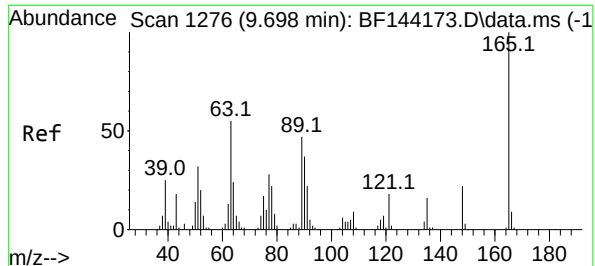
Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 79.250 ng

RT: 9.704 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

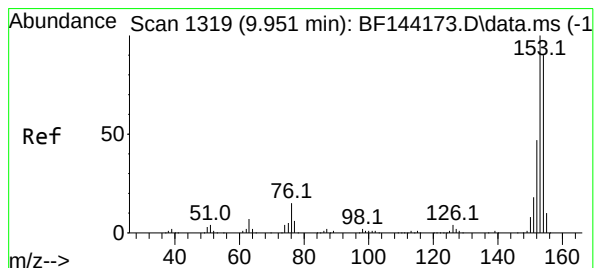
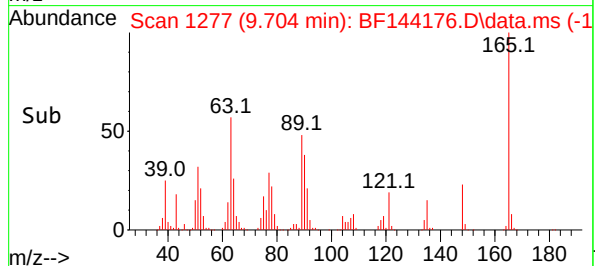
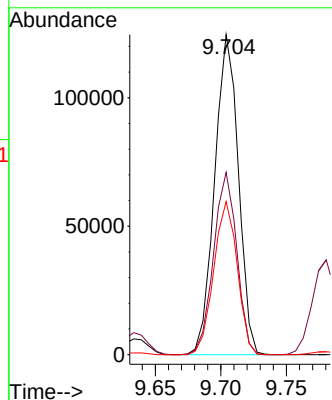
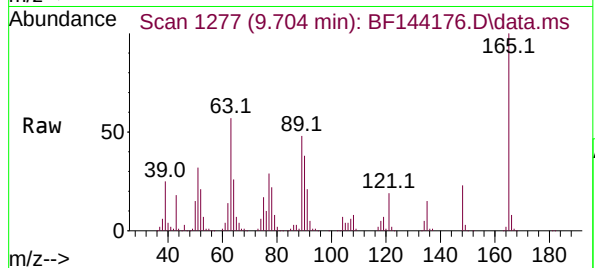
Tgt Ion:165 Resp: 156870

Ion Ratio Lower Upper

165 100

63 56.9 43.8 65.8

89 47.8 37.5 56.3



#52

Acenaphthene

Concen: 74.243 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

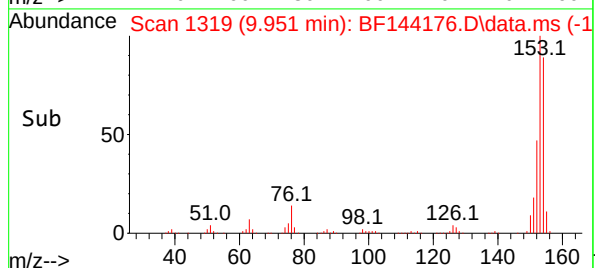
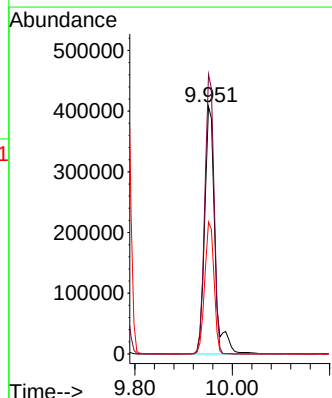
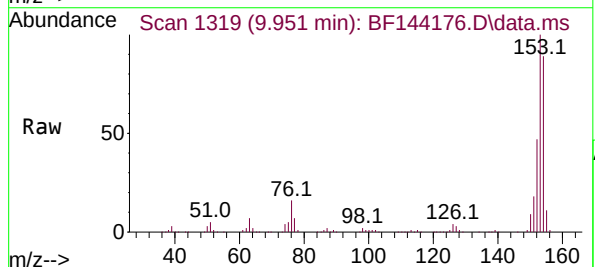
Tgt Ion:154 Resp: 594593

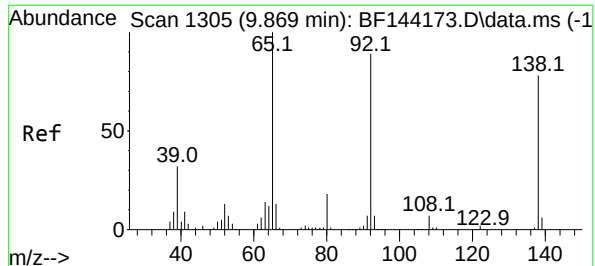
Ion Ratio Lower Upper

154 100

153 113.0 89.0 133.4

152 53.3 42.2 63.4





#53

3-Nitroaniline

Concen: 77.230 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

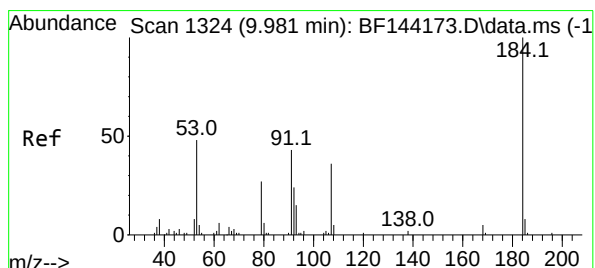
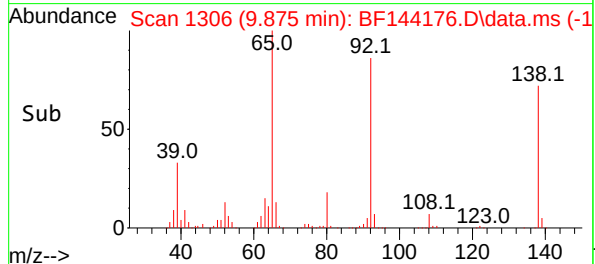
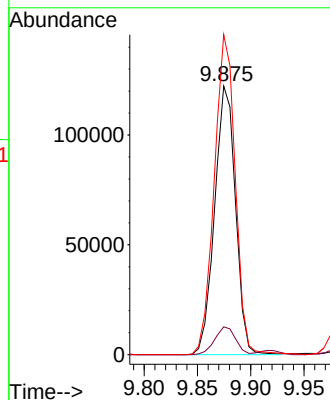
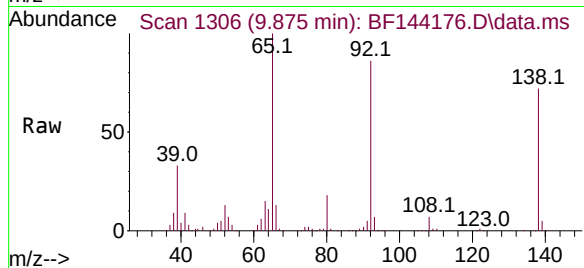
Tgt Ion:138 Resp: 167110

Ion Ratio Lower Upper

138 100

108 10.3 7.5 11.3

92 119.2 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 80.924 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

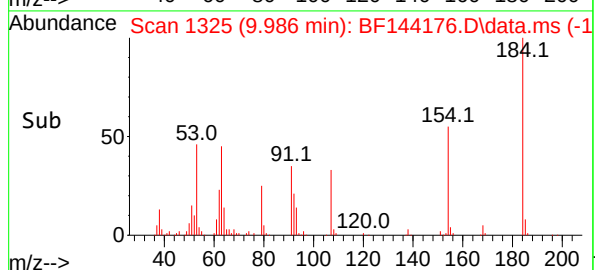
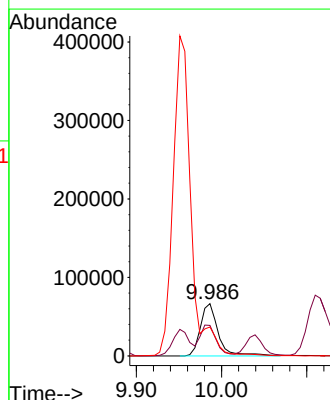
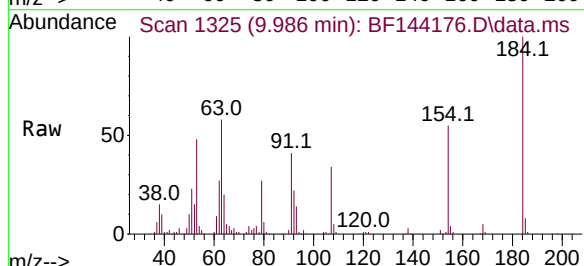
Tgt Ion:184 Resp: 96727

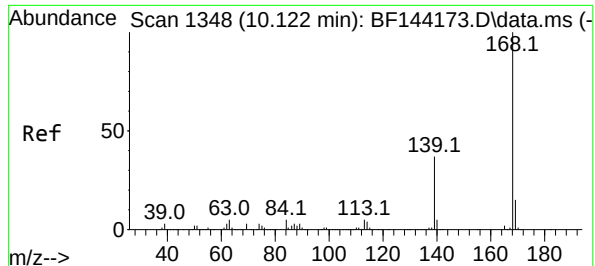
Ion Ratio Lower Upper

184 100

63 58.3 44.0 66.0

154 55.4 42.4 63.6





#55

Dibenzenofuran

Concen: 71.517 ng

RT: 10.128 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

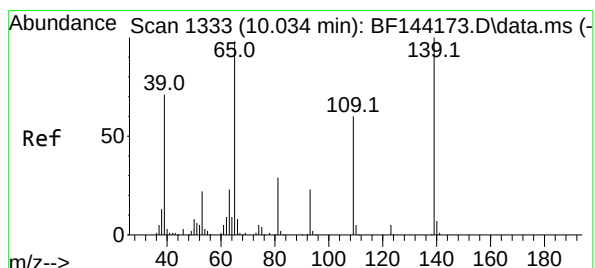
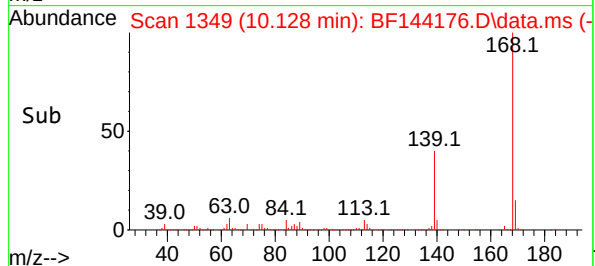
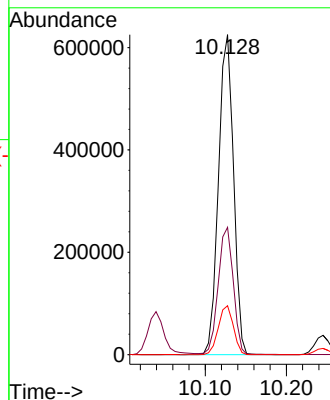
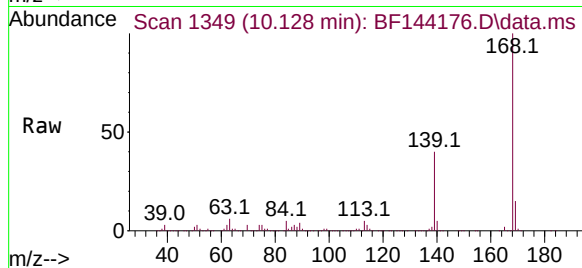
Tgt Ion:168 Resp: 802174

Ion Ratio Lower Upper

168 100

139 39.8 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 74.782 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

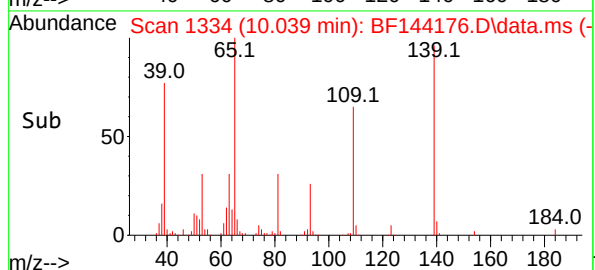
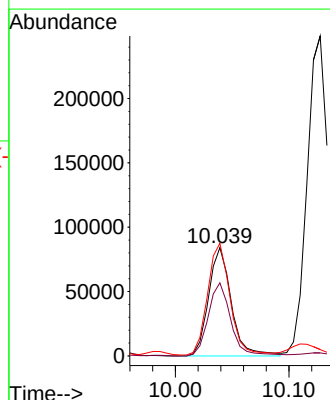
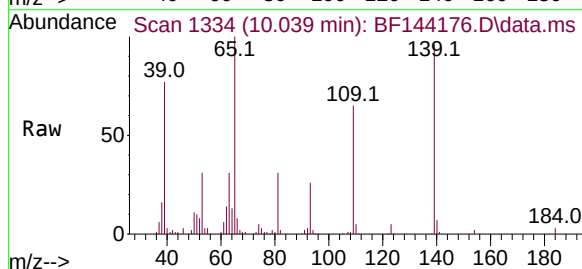
Tgt Ion:139 Resp: 117050

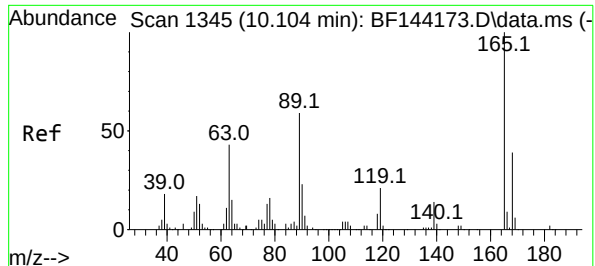
Ion Ratio Lower Upper

139 100

109 67.5 39.9 79.9

65 104.1 79.5 119.5

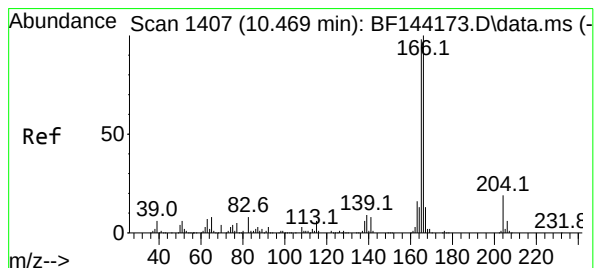
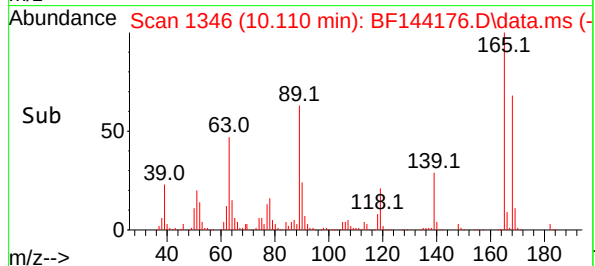
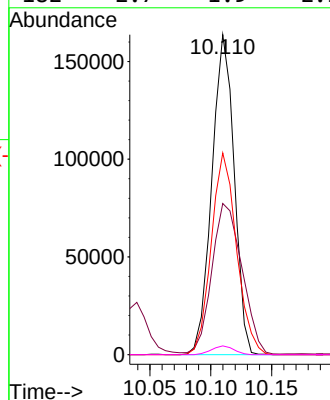
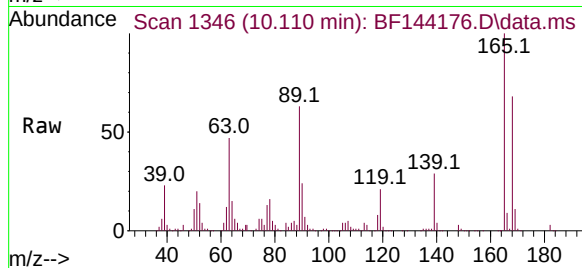




#57
2,4-Dinitrotoluene
Concen: 78.661 ng
RT: 10.110 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

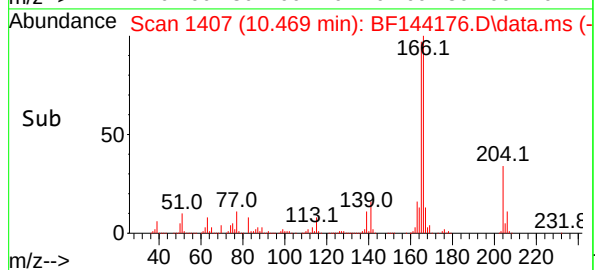
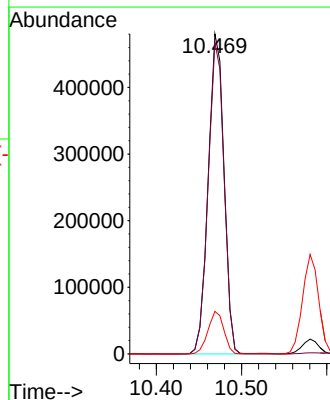
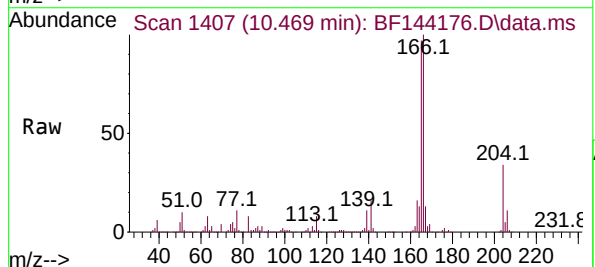
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

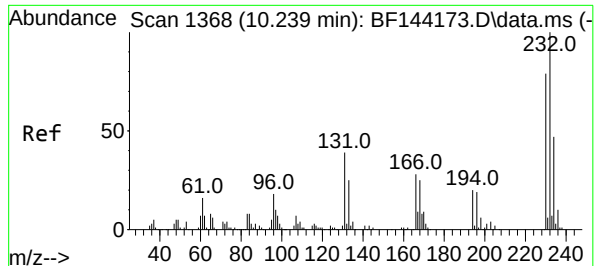
Tgt Ion:165 Resp: 208441
Ion Ratio Lower Upper
165 100
63 47.2 35.5 53.3
89 63.0 47.4 71.2
182 2.7 1.9 2.9



#58
Fluorene
Concen: 72.526 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:166 Resp: 618508
Ion Ratio Lower Upper
166 100
165 97.3 78.6 118.0
167 13.3 10.4 15.6

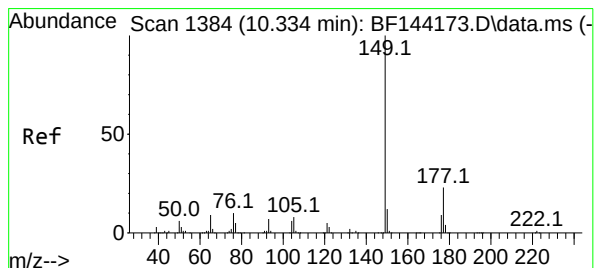
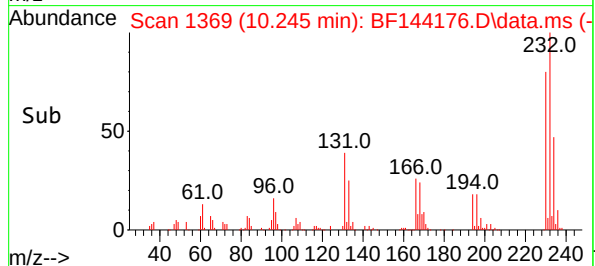
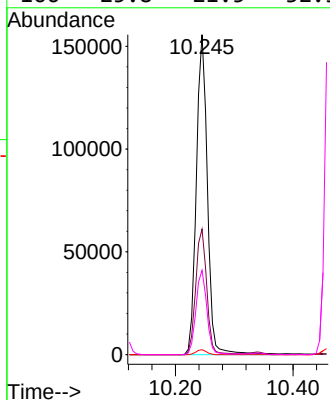
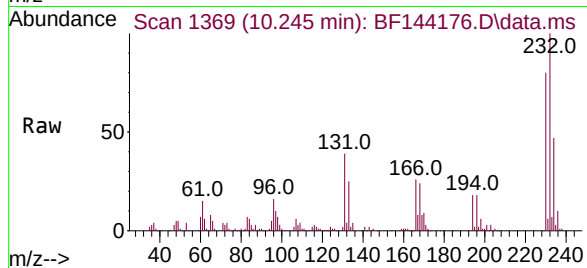




#59
2,3,4,6-Tetrachlorophenol
Concen: 81.067 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

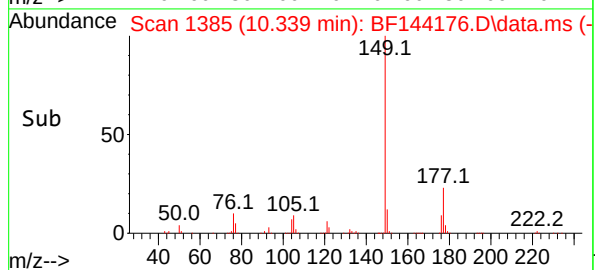
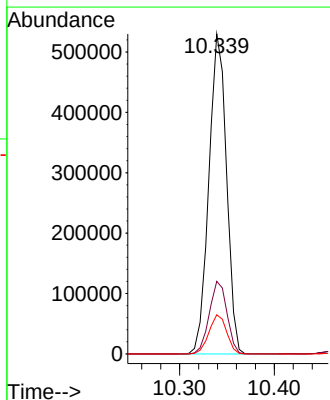
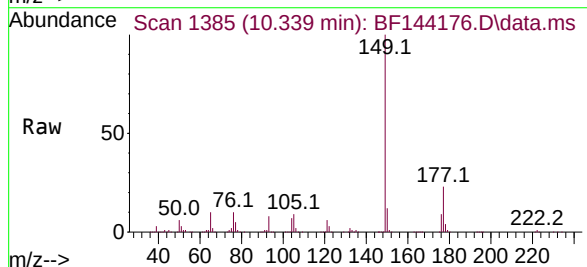
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

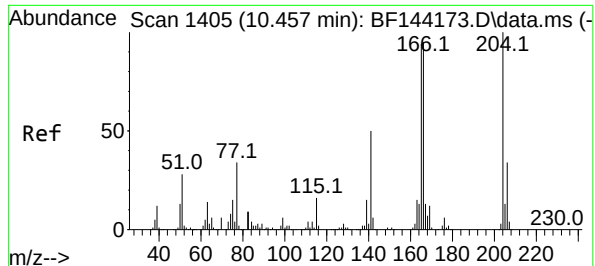
Tgt Ion:232 Resp: 203523
Ion Ratio Lower Upper
232 100
131 39.0 30.3 45.5
130 1.4 1.2 1.8
166 25.8 21.5 32.3



#60
Diethylphthalate
Concen: 76.182 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 686705
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.2 9.8 14.6

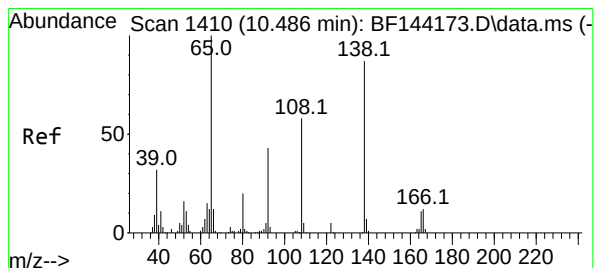
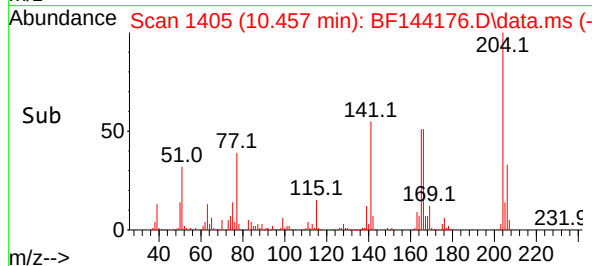
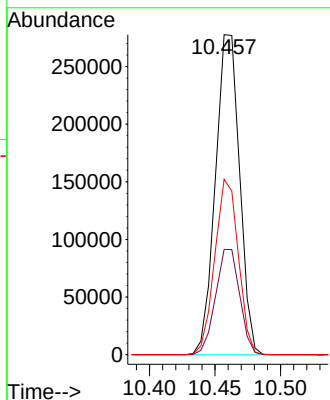
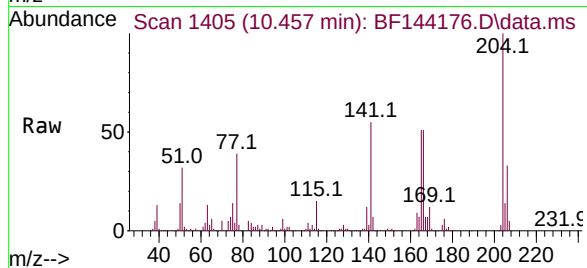




#61
4-Chlorophenyl-phenylether
Concen: 73.492 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

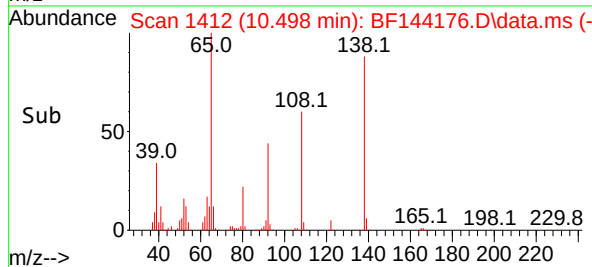
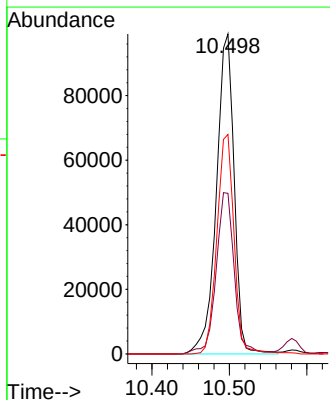
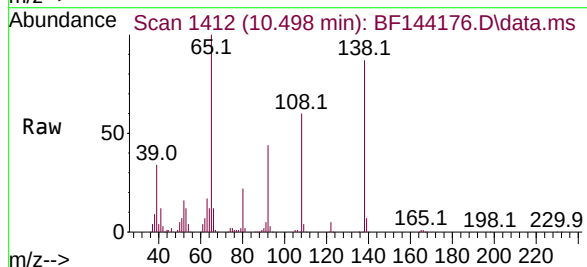
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

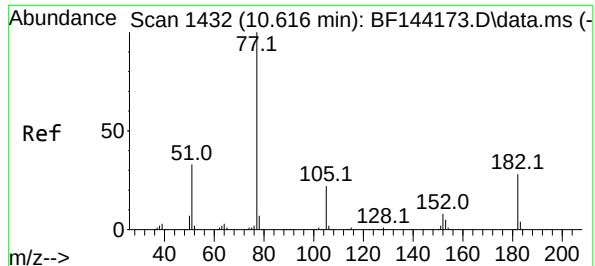
Tgt Ion:204 Resp: 357010
Ion Ratio Lower Upper
204 100
206 32.9 27.4 41.2
141 54.8 40.0 60.0



#62
4-Nitroaniline
Concen: 76.889 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:138 Resp: 158441
Ion Ratio Lower Upper
138 100
92 50.2 29.4 69.4
108 68.6 46.4 86.4

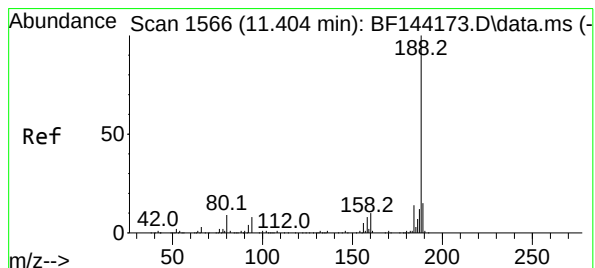
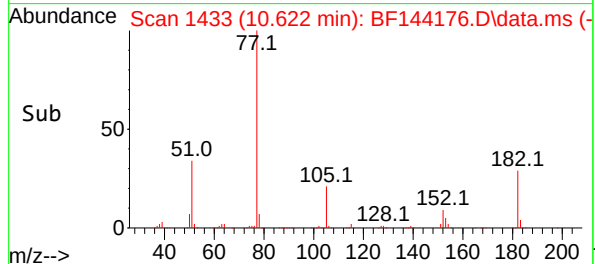
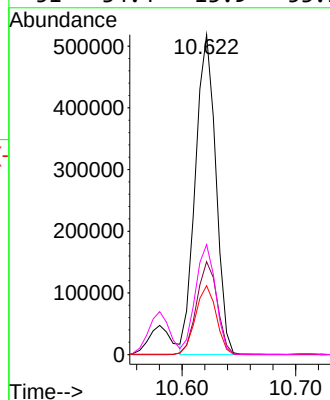
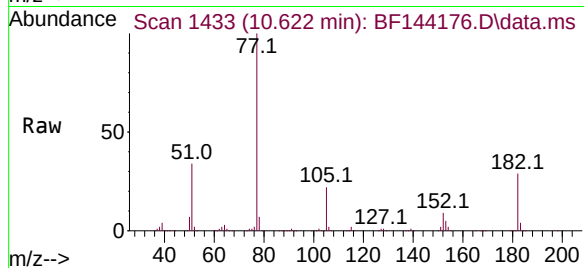




#63
Azobenzene
Concen: 77.117 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

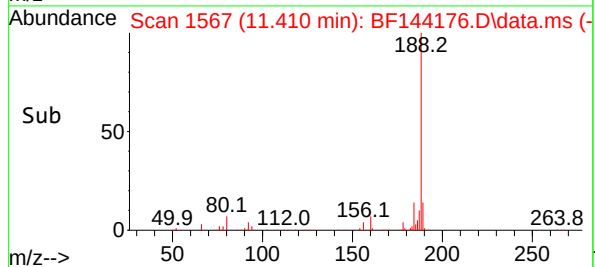
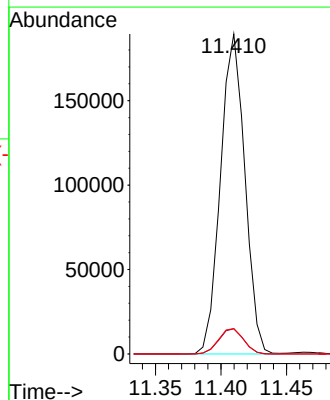
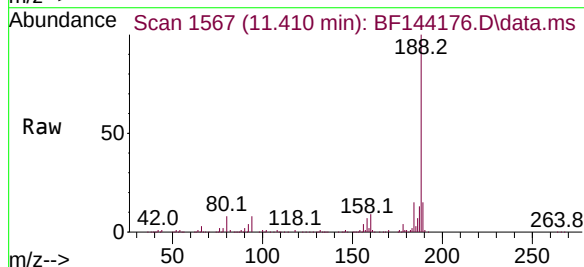
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

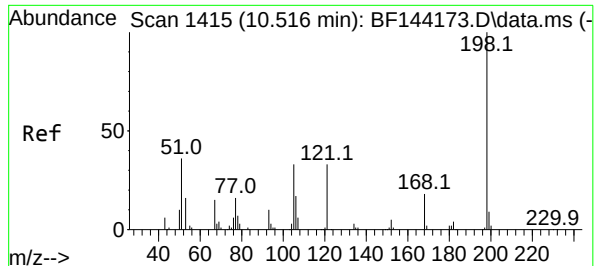
Tgt Ion: 77 Resp: 646943
Ion Ratio Lower Upper
77 100
182 29.0 8.1 48.1
105 21.6 2.0 42.0
51 34.4 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 188 Resp: 244733
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 7.9 6.9 10.3

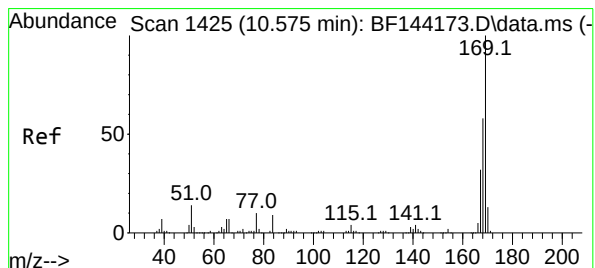
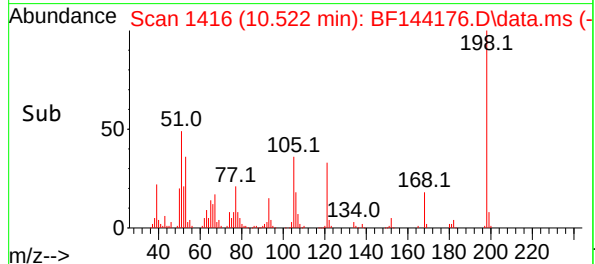
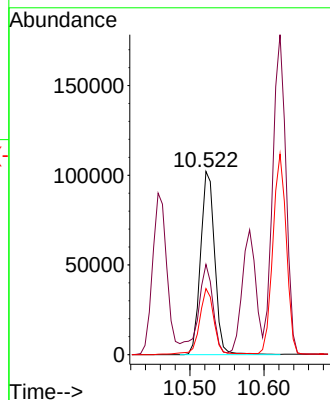
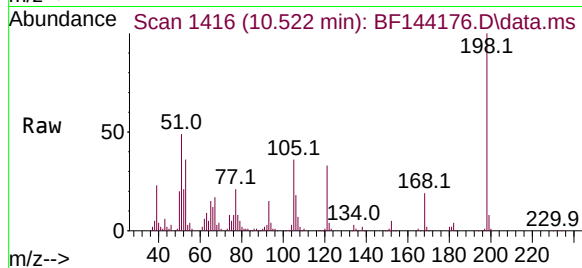




#65
4,6-Dinitro-2-methylphenol
Concen: 81.136 ng
RT: 10.522 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

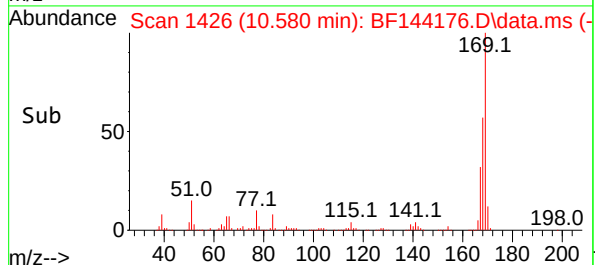
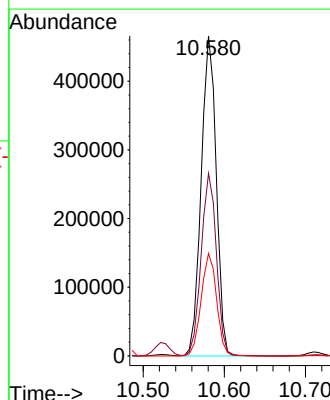
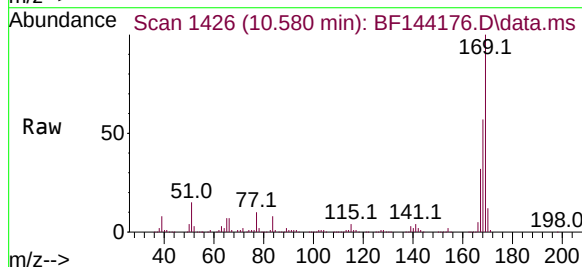
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

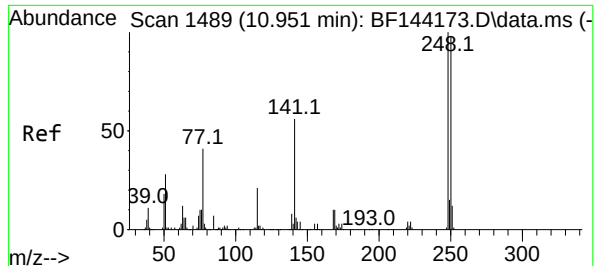
Tgt Ion:198 Resp: 134894
Ion Ratio Lower Upper
198 100
51 49.2 25.6 65.6
105 36.0 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 76.327 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:169 Resp: 600791
Ion Ratio Lower Upper
169 100
168 57.0 46.2 69.2
167 32.1 25.7 38.5





#67

4-Bromophenyl-phenylether

Concen: 78.826 ng

RT: 10.951 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

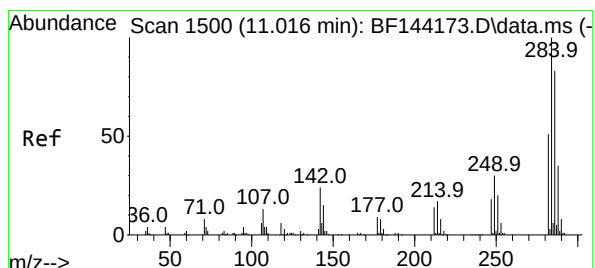
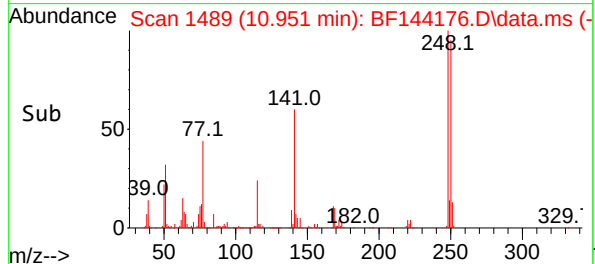
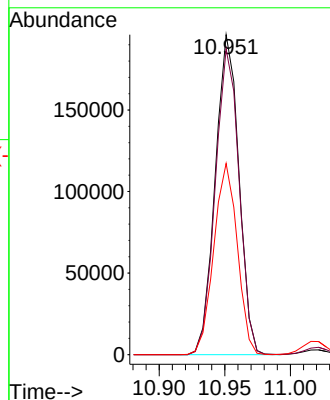
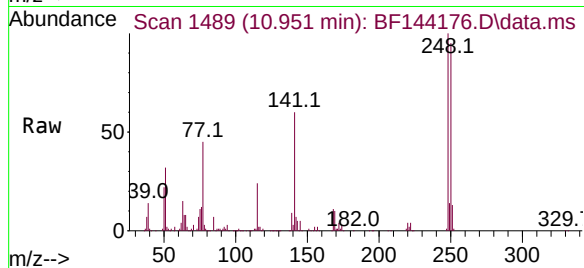
Tgt Ion:248 Resp: 246236

Ion Ratio Lower Upper

248 100

250 95.5 78.4 117.6

141 59.8 45.1 67.7



#68

Hexachlorobenzene

Concen: 78.769 ng

RT: 11.022 min Scan# 1501

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

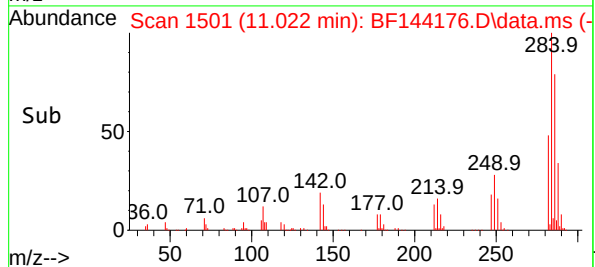
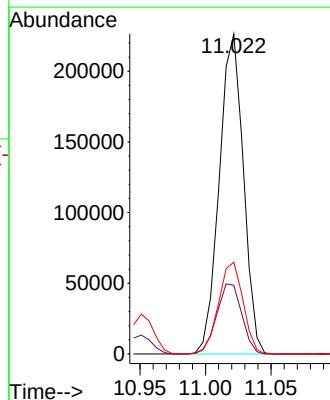
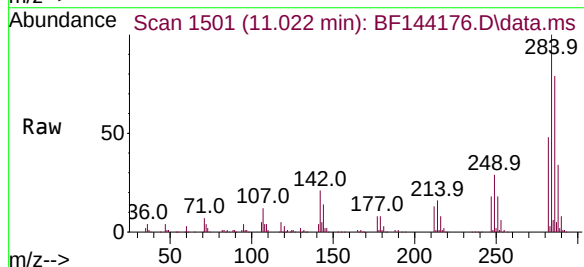
Tgt Ion:284 Resp: 289823

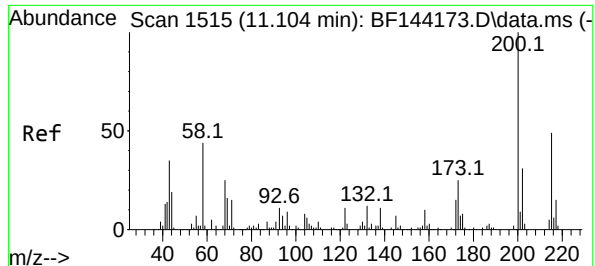
Ion Ratio Lower Upper

284 100

142 21.4 19.2 28.8

249 28.7 23.8 35.8





#69

Atrazine

Concen: 76.645 ng

RT: 11.110 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

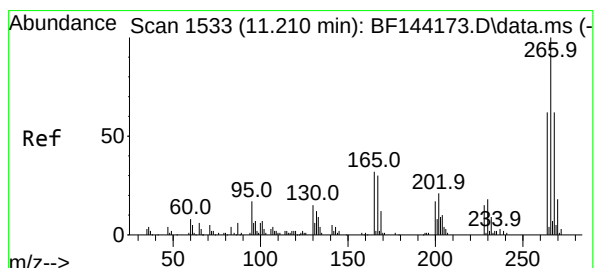
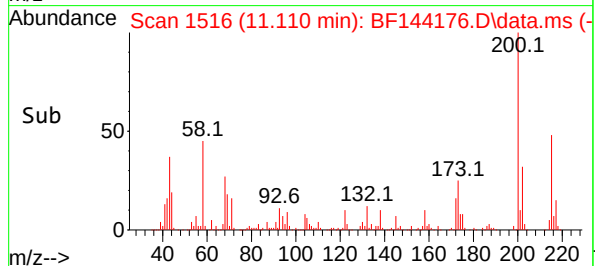
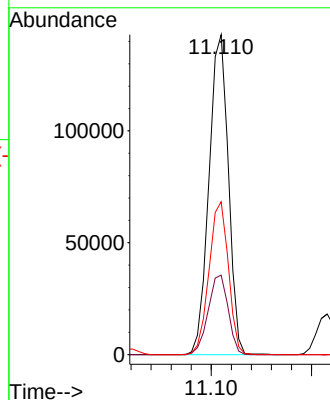
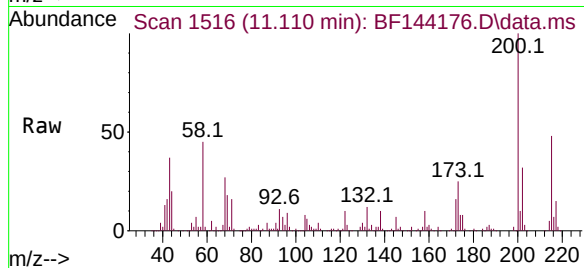
Tgt Ion:200 Resp: 191862

Ion Ratio Lower Upper

200 100

173 24.8 5.0 45.0

215 47.8 28.7 68.7



#70

Pentachlorophenol

Concen: 88.373 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

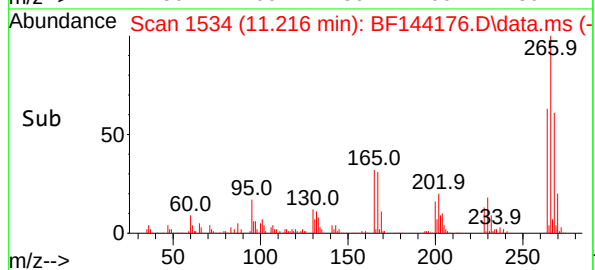
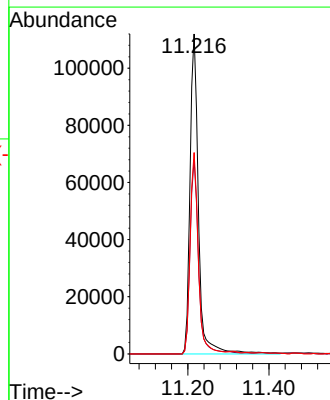
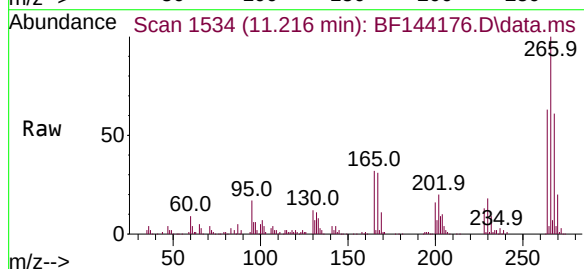
Tgt Ion:266 Resp: 161918

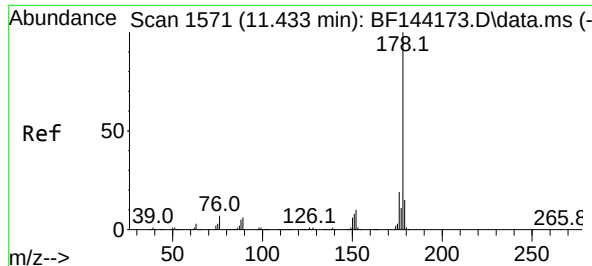
Ion Ratio Lower Upper

266 100

268 60.8 49.5 74.3

264 63.0 49.4 74.2

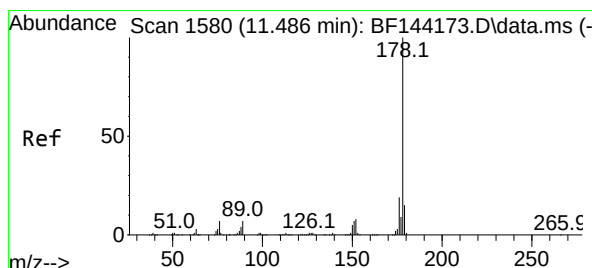
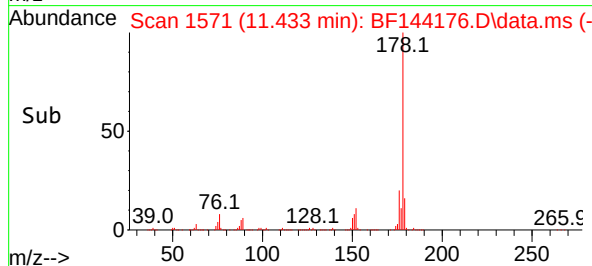
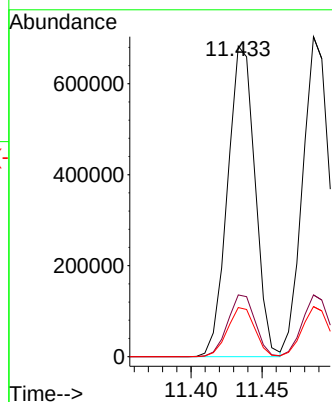
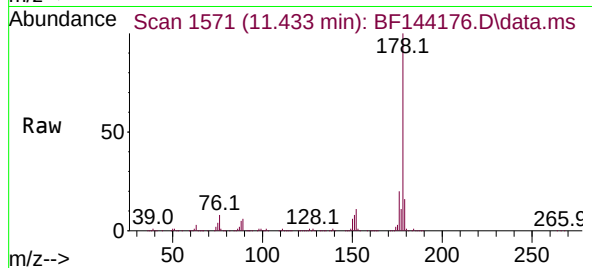




#71
Phenanthrene
Concen: 75.238 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

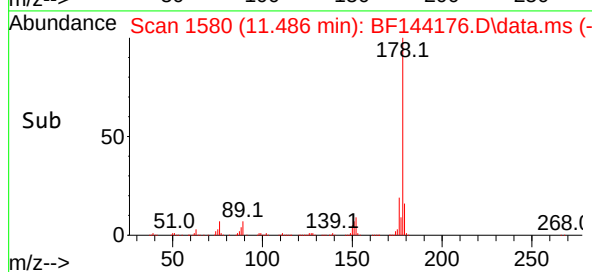
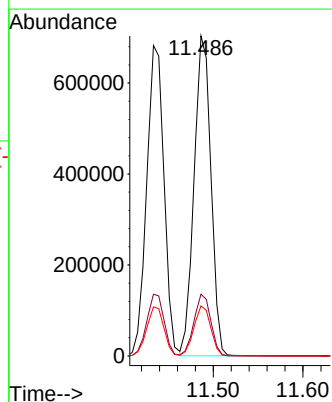
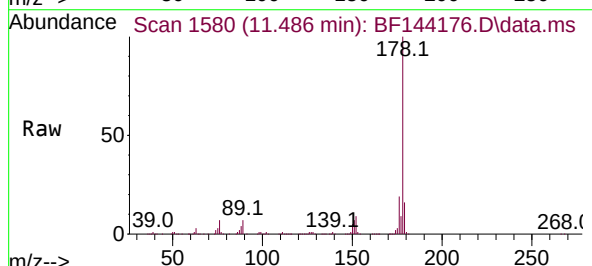
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

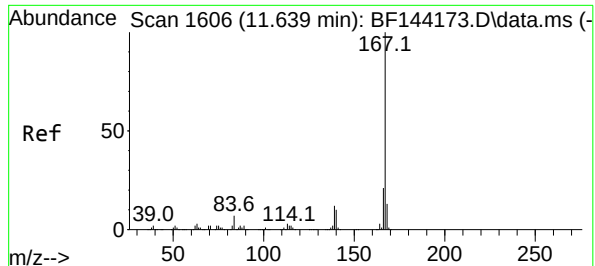
Tgt Ion:178 Resp: 916773
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.8 12.2 18.4



#72
Anthracene
Concen: 73.934 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:178 Resp: 916037
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.0 18.0

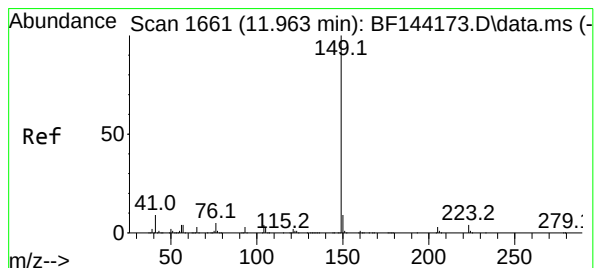
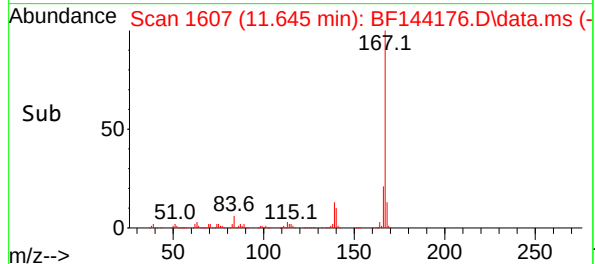
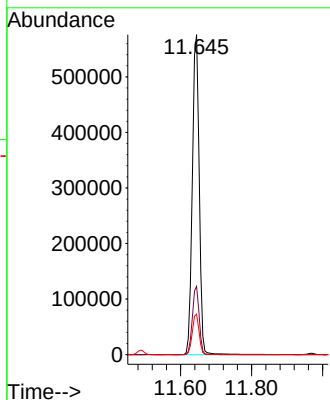
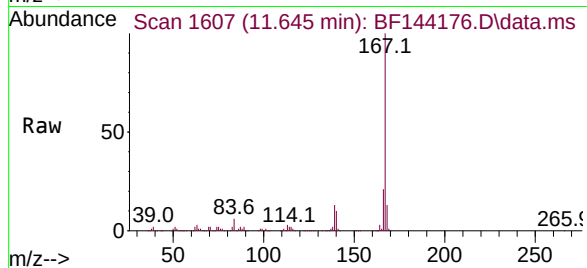




#73
Carbazole
Concen: 73.816 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

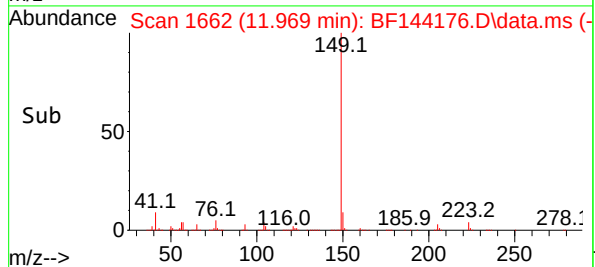
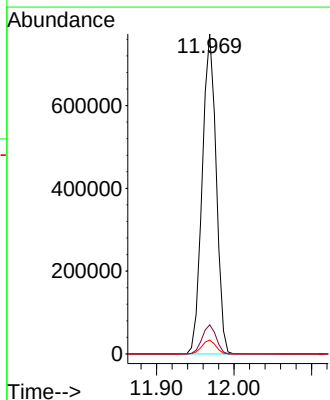
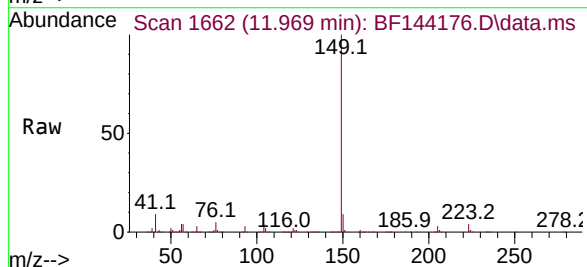
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

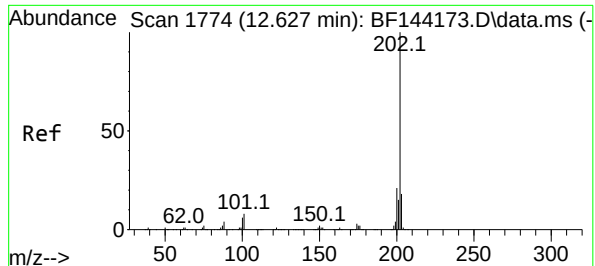
Tgt Ion:167 Resp: 777702
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.6 9.9 14.9



#74
Di-n-butylphthalate
Concen: 75.822 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 965695
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.3 3.4 5.2

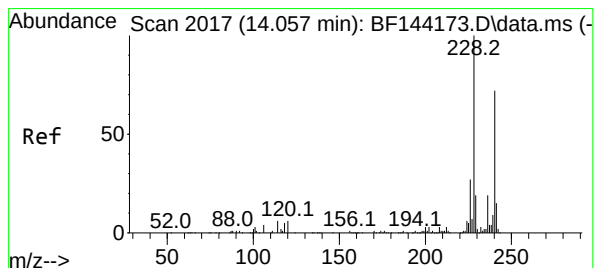
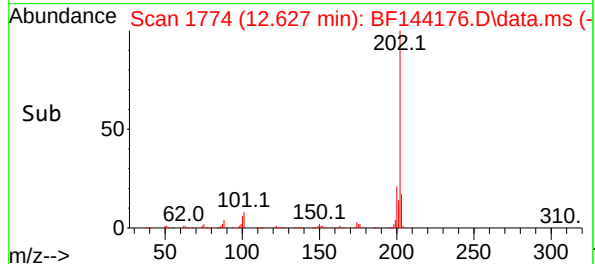
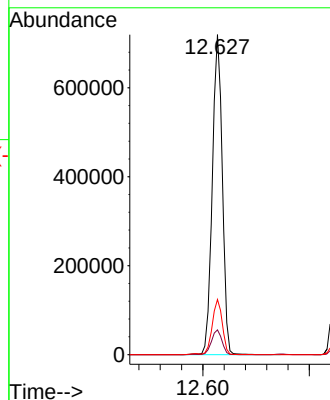
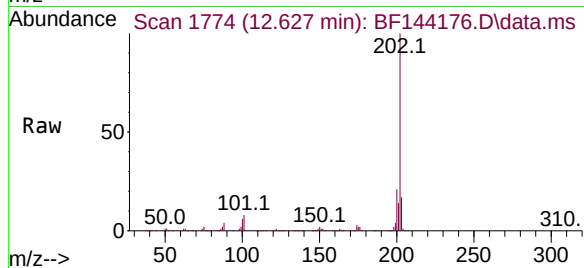




#75
Fluoranthene
Concen: 74.476 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

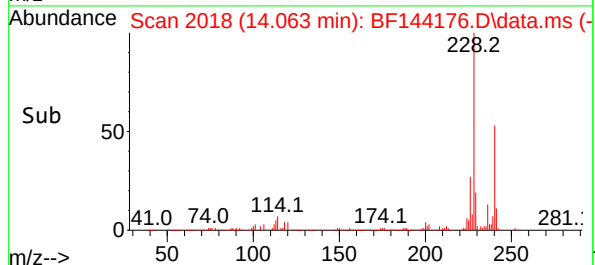
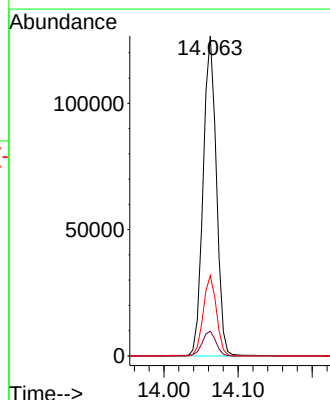
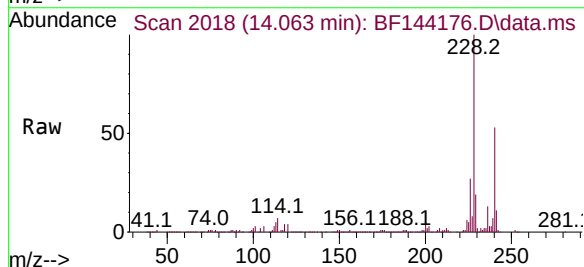
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

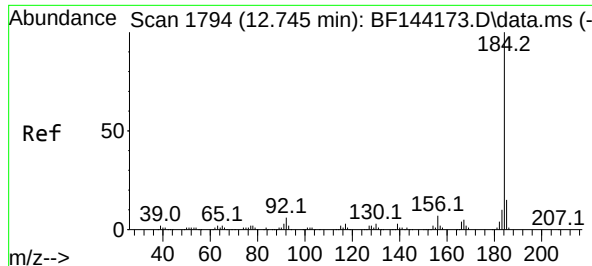
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	27.9
203	17.2	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	25.1	21.4	32.2

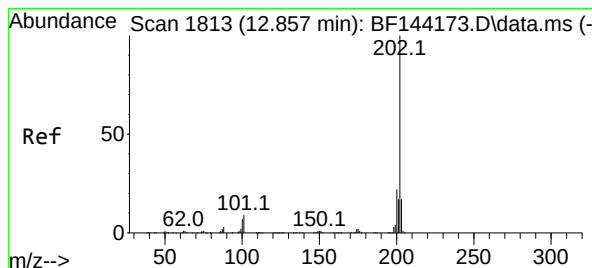
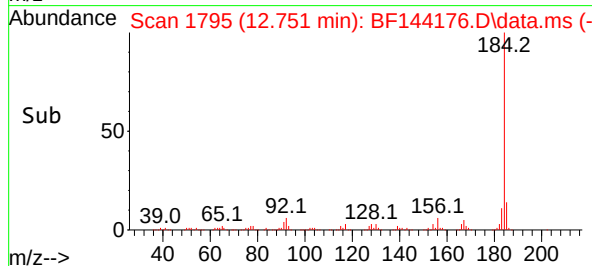
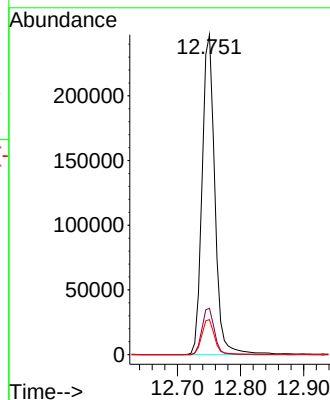
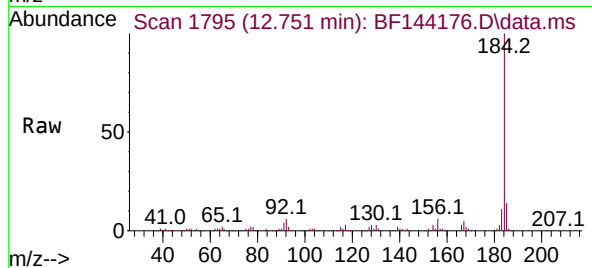




#77
Benzidine
Concen: 74.828 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

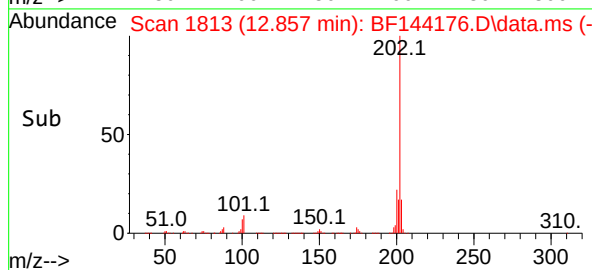
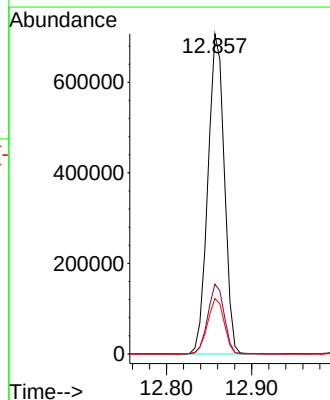
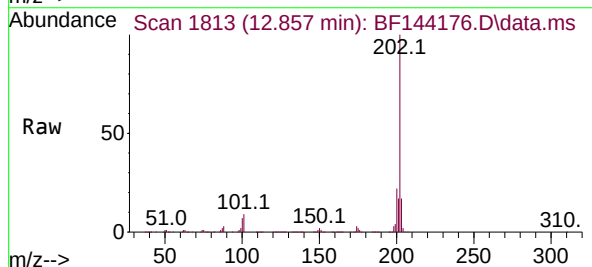
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

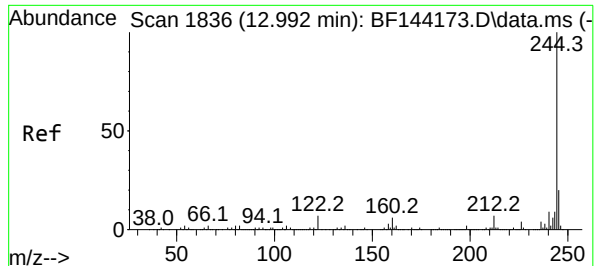
Tgt Ion:184 Resp: 347077
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 10.9 8.3 12.5



#78
Pyrene
Concen: 74.600 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:202 Resp: 943190
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.3 13.7 20.5





#79

Terphenyl-d14

Concen: 146.810 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

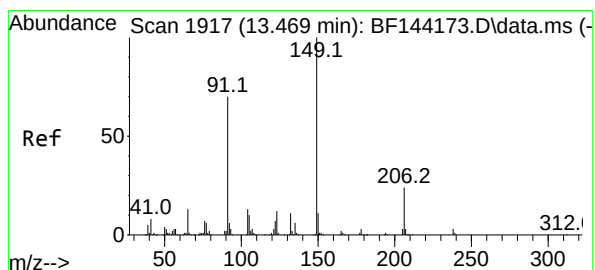
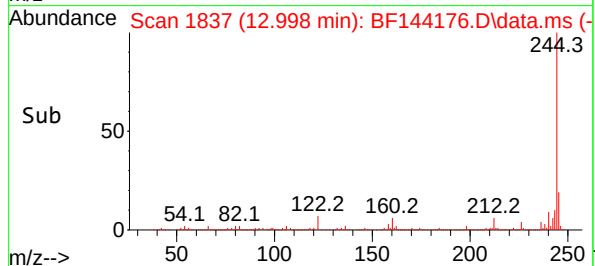
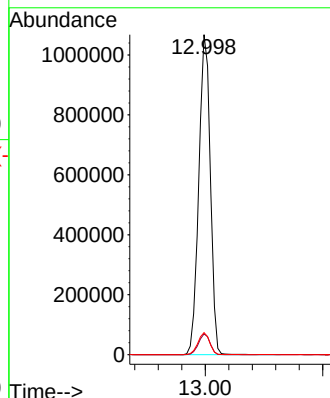
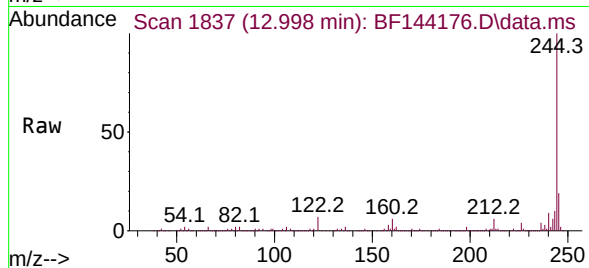
Tgt Ion:244 Resp: 1449323

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 6.9 5.6 8.4



#80

Butylbenzylphthalate

Concen: 78.633 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

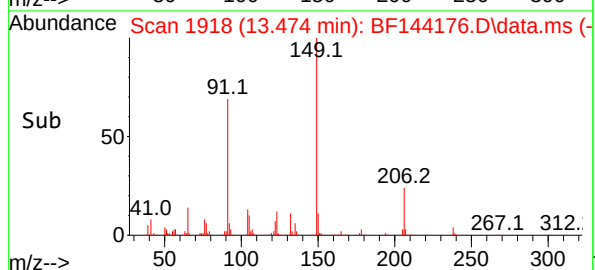
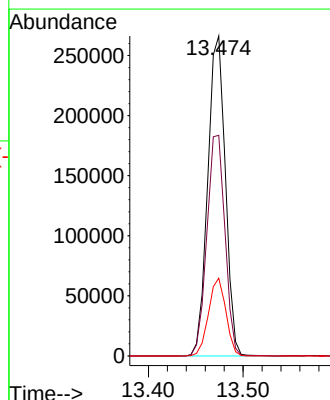
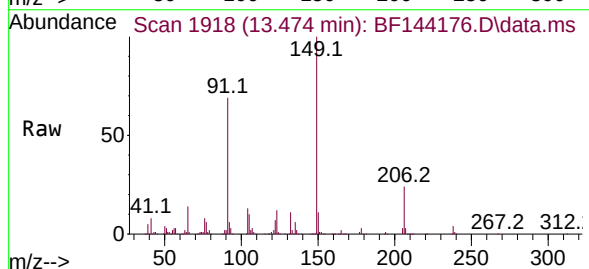
Tgt Ion:149 Resp: 344575

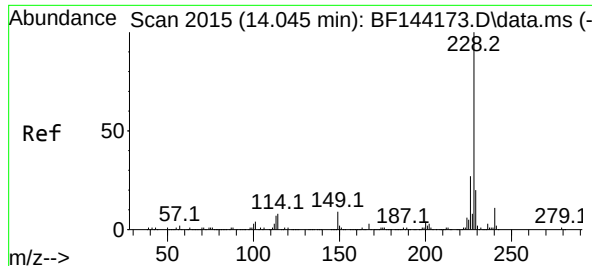
Ion Ratio Lower Upper

149 100

91 68.9 56.1 84.1

206 24.3 18.8 28.2

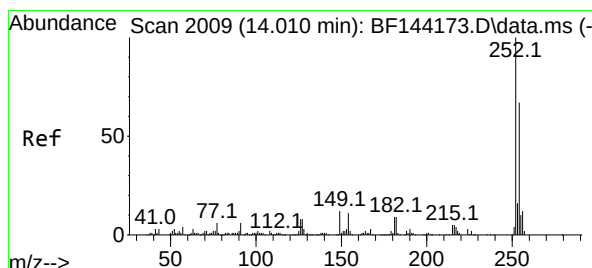
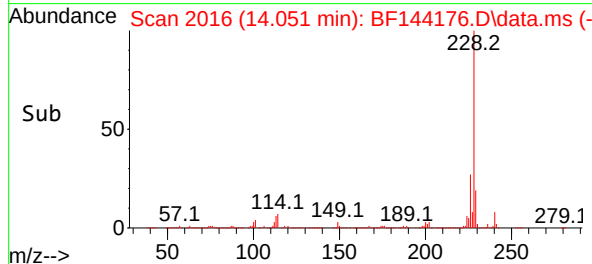
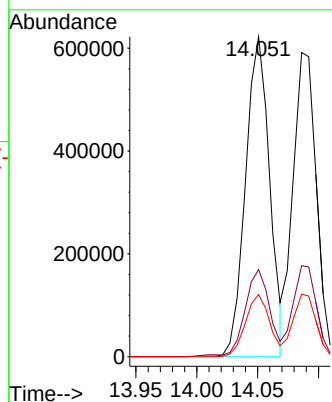
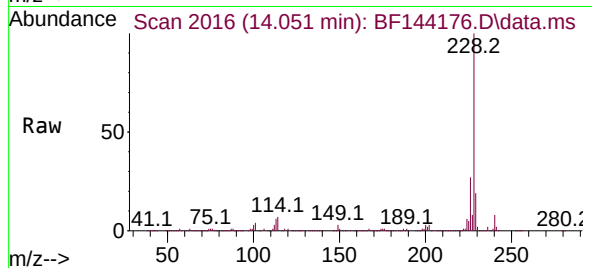




#81
Benzo(a)anthracene
Concen: 78.818 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

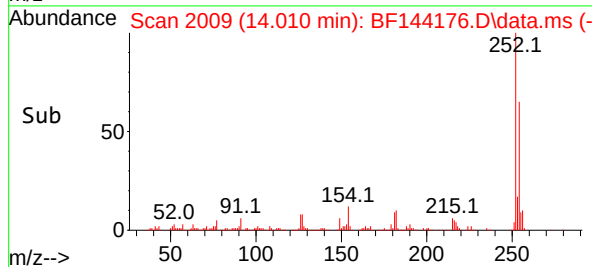
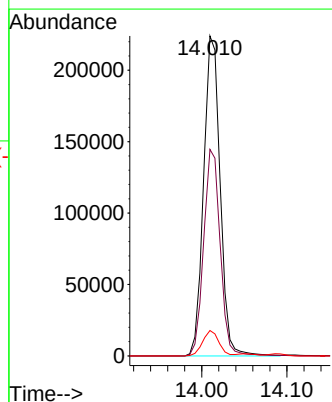
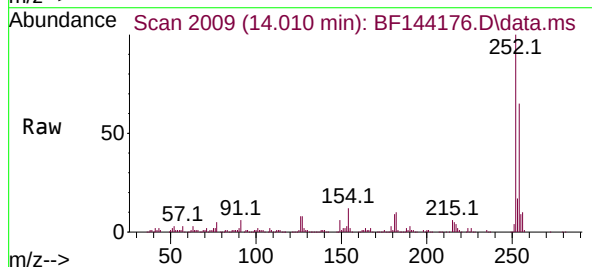
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

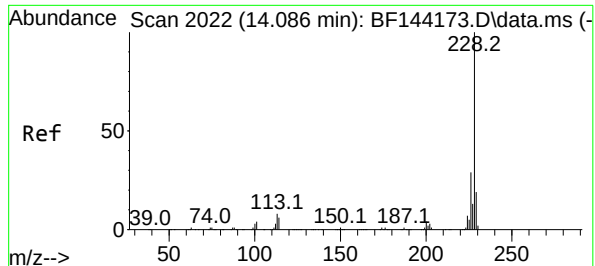
Tgt Ion:228 Resp: 856602
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 81.046 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:252 Resp: 301919
Ion Ratio Lower Upper
252 100
254 64.5 53.5 80.3
126 7.9 6.4 9.6





#83

Chrysene

Concen: 78.982 ng

RT: 14.086 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

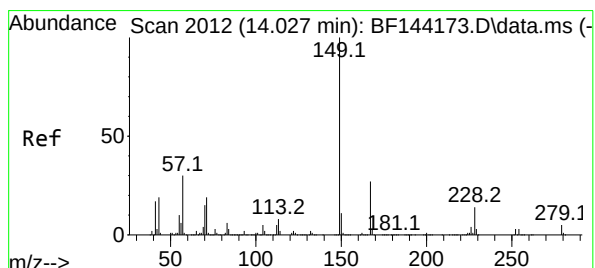
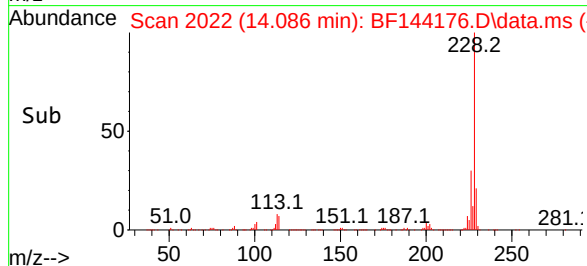
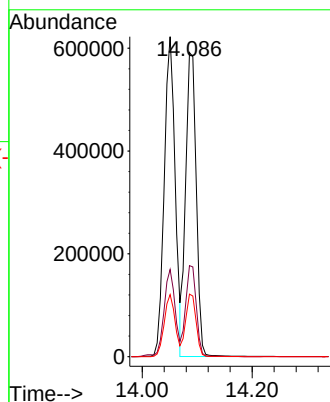
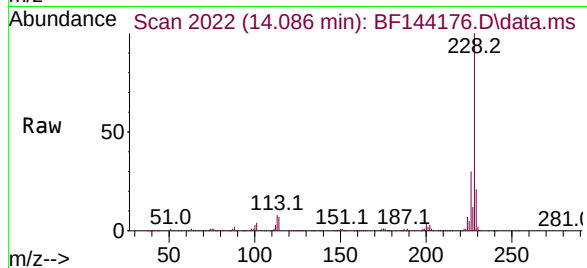
Tgt Ion:228 Resp: 792397

Ion Ratio Lower Upper

228 100

226 29.9 22.9 34.3

229 20.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.898 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

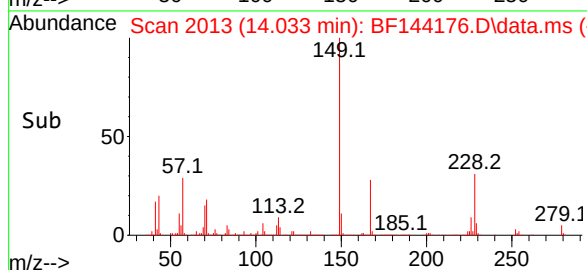
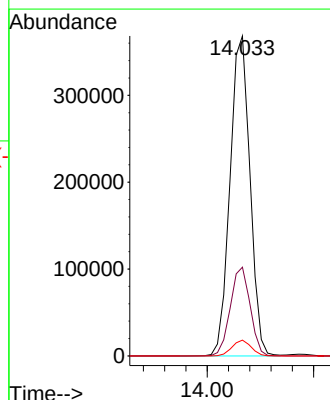
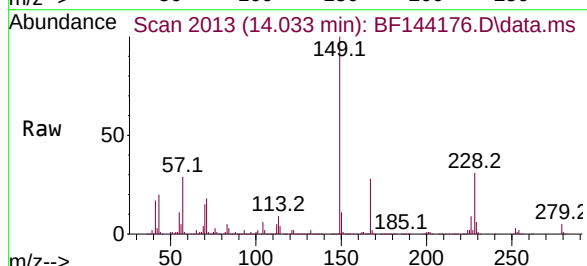
Tgt Ion:149 Resp: 479285

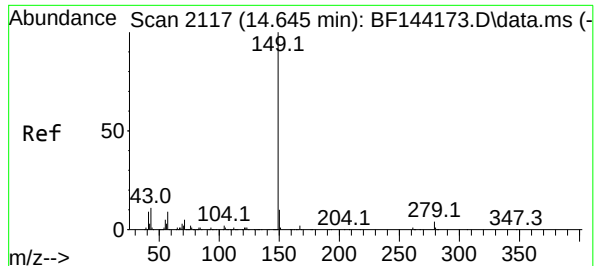
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 4.9 3.7 5.5

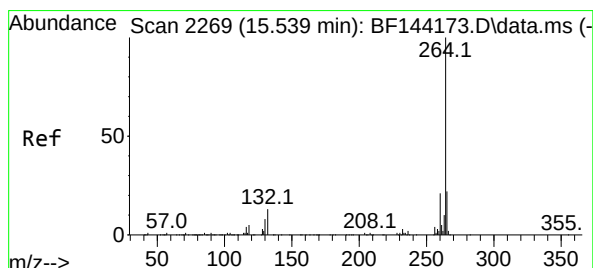
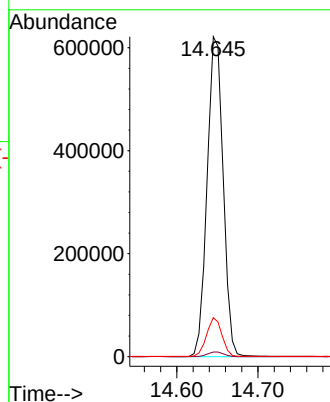
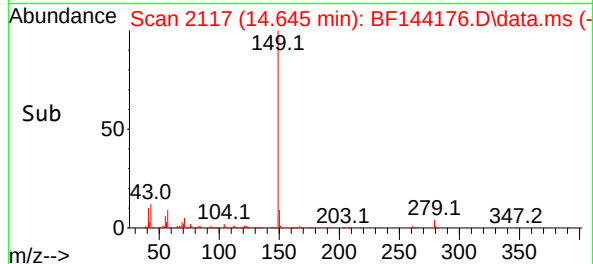
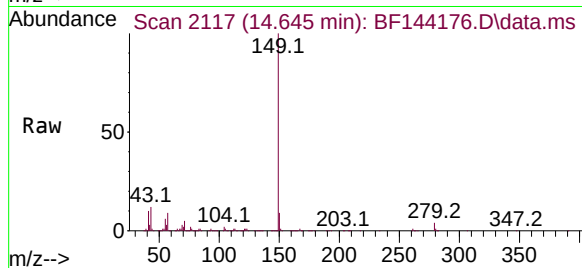




#85
Di-n-octyl phthalate
Concen: 82.657 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

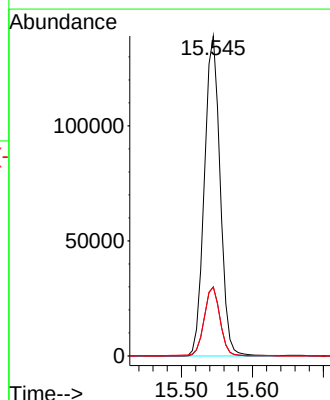
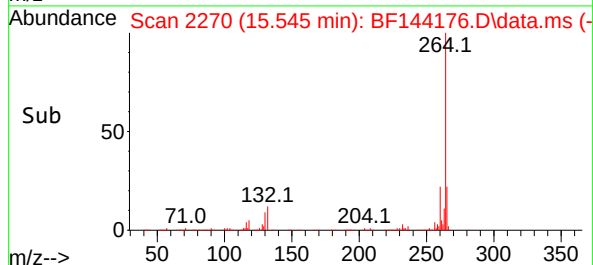
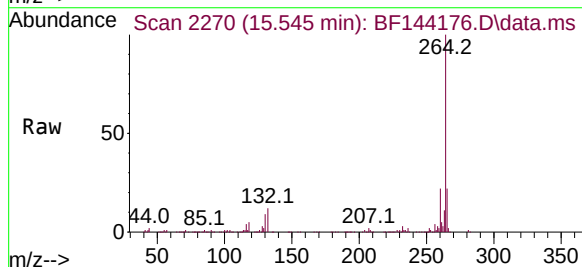
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

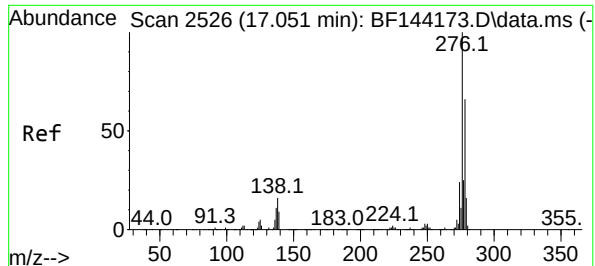
Tgt Ion:149 Resp: 855486
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:264 Resp: 213275
Ion Ratio Lower Upper
264 100
260 21.6 17.1 25.7
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 79.403 ng

RT: 17.062 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

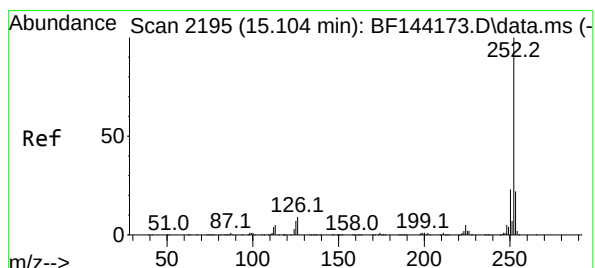
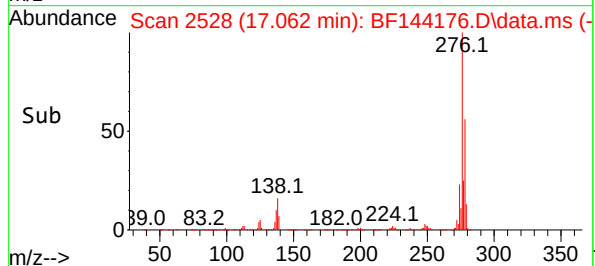
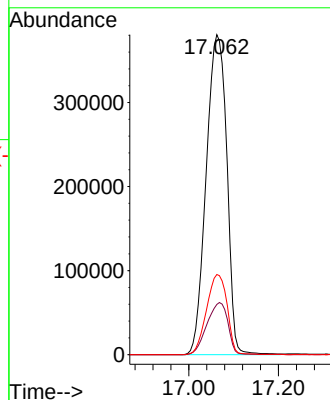
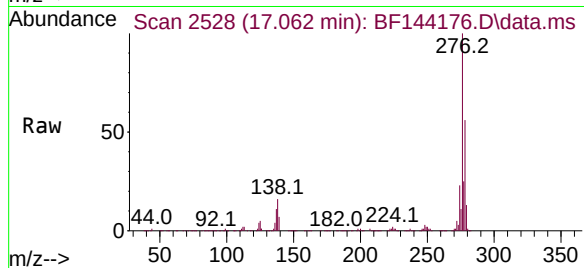
Tgt Ion:276 Resp: 1215637

Ion Ratio Lower Upper

276 100

138 16.6 13.9 20.9

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 80.454 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

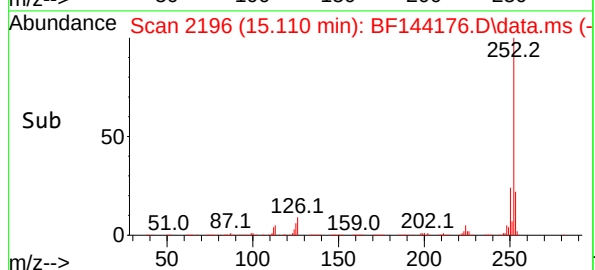
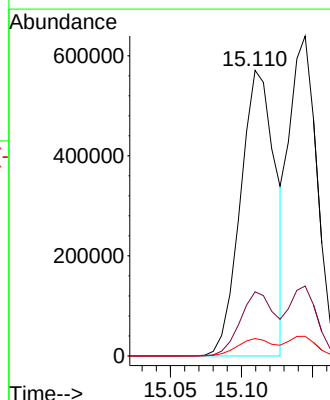
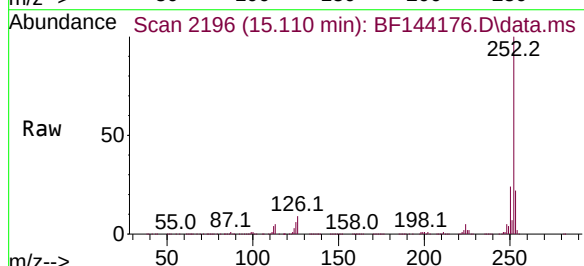
Tgt Ion:252 Resp: 975518

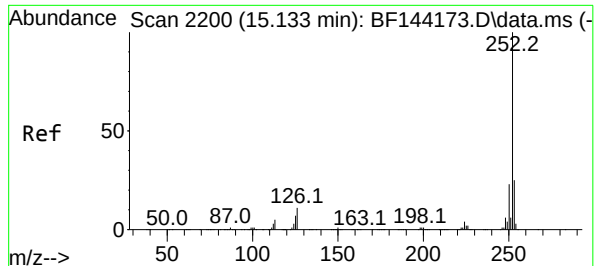
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 6.1 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 76.728 ng

RT: 15.145 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

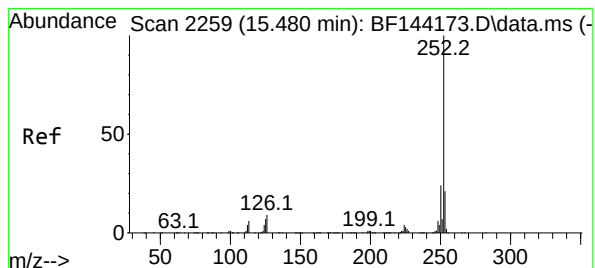
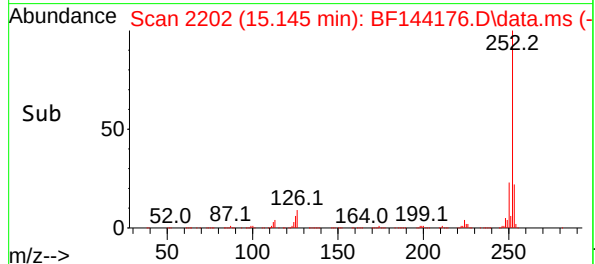
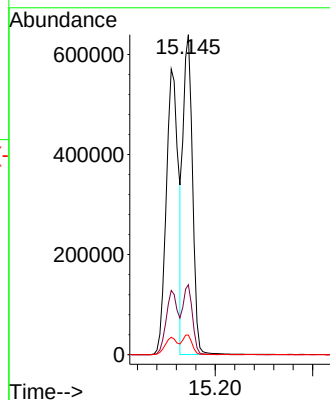
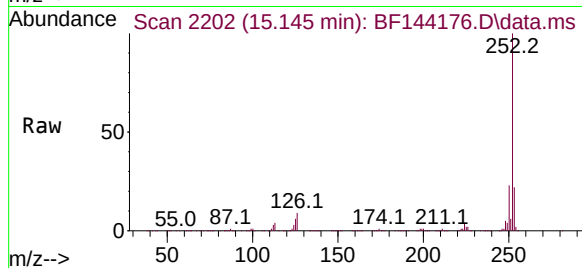
Tgt Ion:252 Resp: 870791

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 6.1 5.4 8.2



#90

Benzo(a)pyrene

Concen: 78.458 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

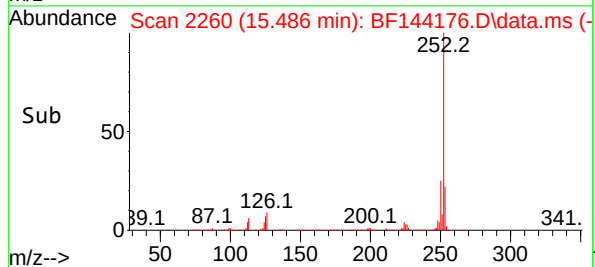
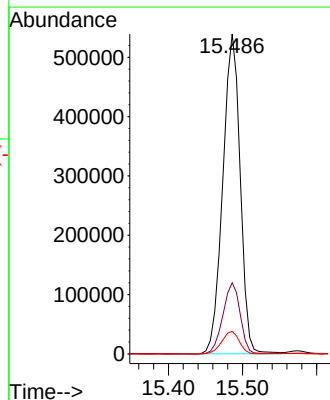
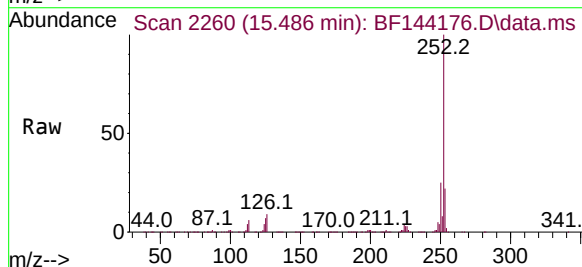
Tgt Ion:252 Resp: 877623

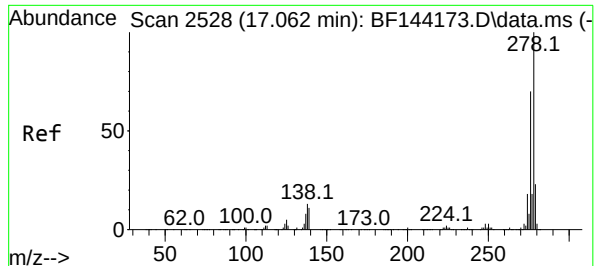
Ion Ratio Lower Upper

252 100

253 22.2 16.7 25.1

125 7.0 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 78.952 ng

RT: 17.080 min Scan# 2531

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

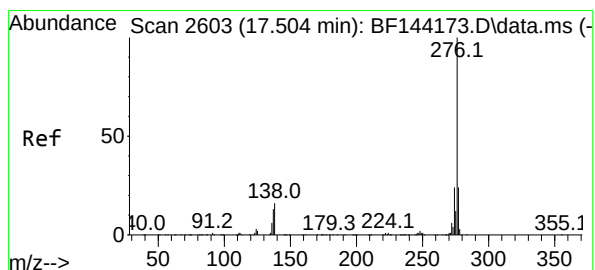
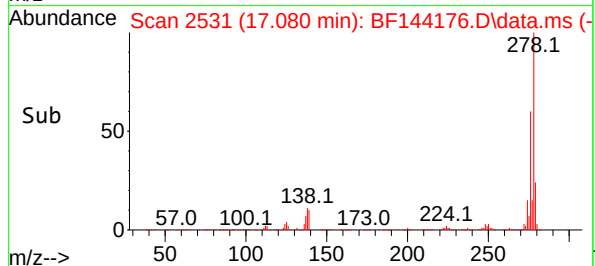
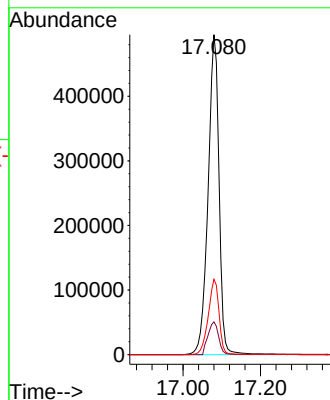
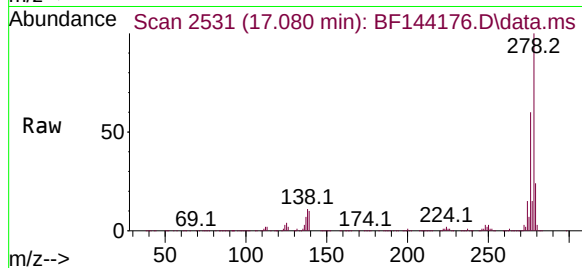
Tgt Ion:278 Resp: 970735

Ion Ratio Lower Upper

278 100

139 10.2 9.1 13.7

279 23.6 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 80.827 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

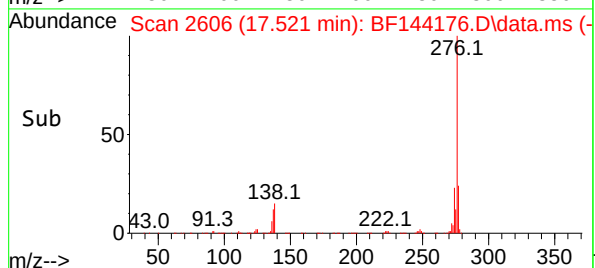
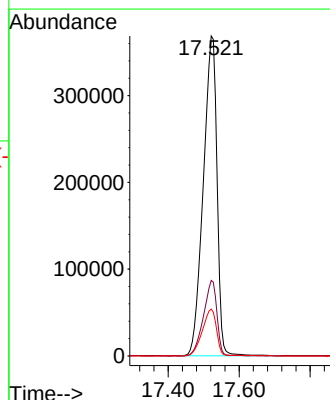
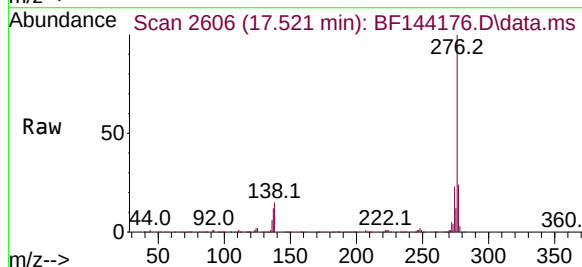
Tgt Ion:276 Resp: 981387

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 14.6 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Manual Integrations
 APPROVED

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

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69106	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	264133	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	143807	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	244964	20.000	ng	0.00
76) Chrysene-d12	14.057	240	162721	20.000	ng	0.00
86) Perylene-d12	15.539	264	215110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	310198	70.243	ng	0.00
7) Phenol-d6	6.498	99	347682	69.484	ng	-0.01
23) Nitrobenzene-d5	7.440	82	313737	68.601	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	122691	67.987	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	679055	69.741	ng	0.00
79) Terphenyl-d14	12.992	244	689624	67.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	63887	34.992	ng	99
3) Pyridine	3.375	79	165752	32.541	ng	98
4) n-Nitrosodimethylamine	3.322	42	96379	36.224	ng	99
6) Aniline	6.534	93	264913	37.159	ng	99
8) 2-Chlorophenol	6.657	128	151995	35.096	ng	100
9) Benzaldehyde	6.428	77	128101	45.337	ng	99
10) Phenol	6.516	94	217418	35.563	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	156661	35.167	ng	98
12) 1,3-Dichlorobenzene	6.816	146	192589	36.038	ng	98
13) 1,4-Dichlorobenzene	6.893	146	191978	35.858	ng	98
14) 1,2-Dichlorobenzene	7.045	146	189651	36.957	ng	98
15) Benzyl Alcohol	7.016	79	141026	35.593	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	289907	35.340	ng	99
17) 2-Methylphenol	7.122	107	119633	34.723	ng	97
18) Hexachloroethane	7.387	117	64124	36.050	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	112165	34.051	ng	95
20) 3+4-Methylphenols	7.275	107	145554	35.839	ng	# 89
22) Acetophenone	7.281	105	204331	36.061	ng	98
24) Nitrobenzene	7.457	77	172618	34.763	ng	99
25) Isophorone	7.692	82	300648	34.755	ng	100
26) 2-Nitrophenol	7.775	139	89771	36.521	ng	96
27) 2,4-Dimethylphenol	7.804	122	144915	39.334	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	191347	35.422	ng	98
29) 2,4-Dichlorophenol	8.016	162	144739	34.086	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	155562	35.677	ng	99
31) Naphthalene	8.181	128	438013	34.861	ng	99
32) Benzoic acid	7.916	122	81416m	30.148	ng	
33) 4-Chloroaniline	8.228	127	177275	38.685	ng	98
34) Hexachlorobutadiene	8.292	225	113543	34.552	ng	99
35) Caprolactam	8.592	113	38947	33.478	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	130667	34.336	ng	98
37) 2-Methylnaphthalene	8.869	142	268630	31.978	ng	99
38) 1-Methylnaphthalene	8.969	142	271310	33.472	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	173491	36.811	ng	98
41) Hexachlorocyclopentadiene	9.022	237	69987	46.350	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	113418	35.357	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:56:24 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 05 17:20:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	121621	35.179	ng	98
46) 1,1'-Biphenyl	9.334	154	366655	36.526	ng	99
47) 2-Chloronaphthalene	9.363	162	300481	35.092	ng	99
48) 2-Nitroaniline	9.457	65	88055	35.641	ng	97
49) Acenaphthylene	9.775	152	464616	39.818	ng	99
50) Dimethylphthalate	9.634	163	334163	35.076	ng	99
51) 2,6-Dinitrotoluene	9.698	165	70890	36.758	ng	97
52) Acenaphthene	9.951	154	262974	33.702	ng	98
53) 3-Nitroaniline	9.869	138	74572	35.372	ng	98
54) 2,4-Dinitrophenol	9.981	184	33460	28.732	ng	97
55) Dibenzofuran	10.122	168	389072	35.602	ng	99
56) 4-Nitrophenol	10.034	139	47167	30.929	ng	93
57) 2,4-Dinitrotoluene	10.104	165	92928	35.994	ng	98
58) Fluorene	10.463	166	298316	35.903	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	91542	37.425	ng	98
60) Diethylphthalate	10.333	149	304274	34.646	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	165662	35.002	ng	98
62) 4-Nitroaniline	10.481	138	70828	35.278	ng	97
63) Azobenzene	10.616	77	293901	35.958	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	52164	31.346	ng	96
66) n-Nitrosodiphenylamine	10.575	169	285930	36.292	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	106730	34.135	ng	97
68) Hexachlorobenzene	11.016	284	128202	34.810	ng	98
69) Atrazine	11.098	200	92182	36.790	ng	97
70) Pentachlorophenol	11.216	266	59981	32.706	ng	99
71) Phenanthrene	11.433	178	427466	35.049	ng	99
72) Anthracene	11.486	178	437609	35.286	ng	100
73) Carbazole	11.639	167	360909	34.224	ng	99
74) Di-n-butylphthalate	11.963	149	440261	34.535	ng	99
75) Fluoranthene	12.622	202	432624	34.338	ng	99
77) Benzidine	12.745	184	217389	45.165	ng	99
78) Pyrene	12.857	202	433110	33.011	ng	99
80) Butylbenzylphthalate	13.469	149	157485	34.633	ng	98
81) Benzo(a)anthracene	14.045	228	377686	33.489	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	153129	39.612	ng	96
83) Chrysene	14.086	228	359786	34.559	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	217122	34.880	ng	99
85) Di-n-octyl phthalate	14.645	149	377429	35.142	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	525298	34.019	ng	100
88) Benzo(b)fluoranthene	15.104	252	428292	35.021	ng	99
89) Benzo(k)fluoranthene	15.133	252	371234	32.431	ng	99
90) Benzo(a)pyrene	15.480	252	399556	35.415	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	423195	34.126	ng	99
92) Benzo(g,h,i)perylene	17.504	276	426866	34.857	ng	98

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

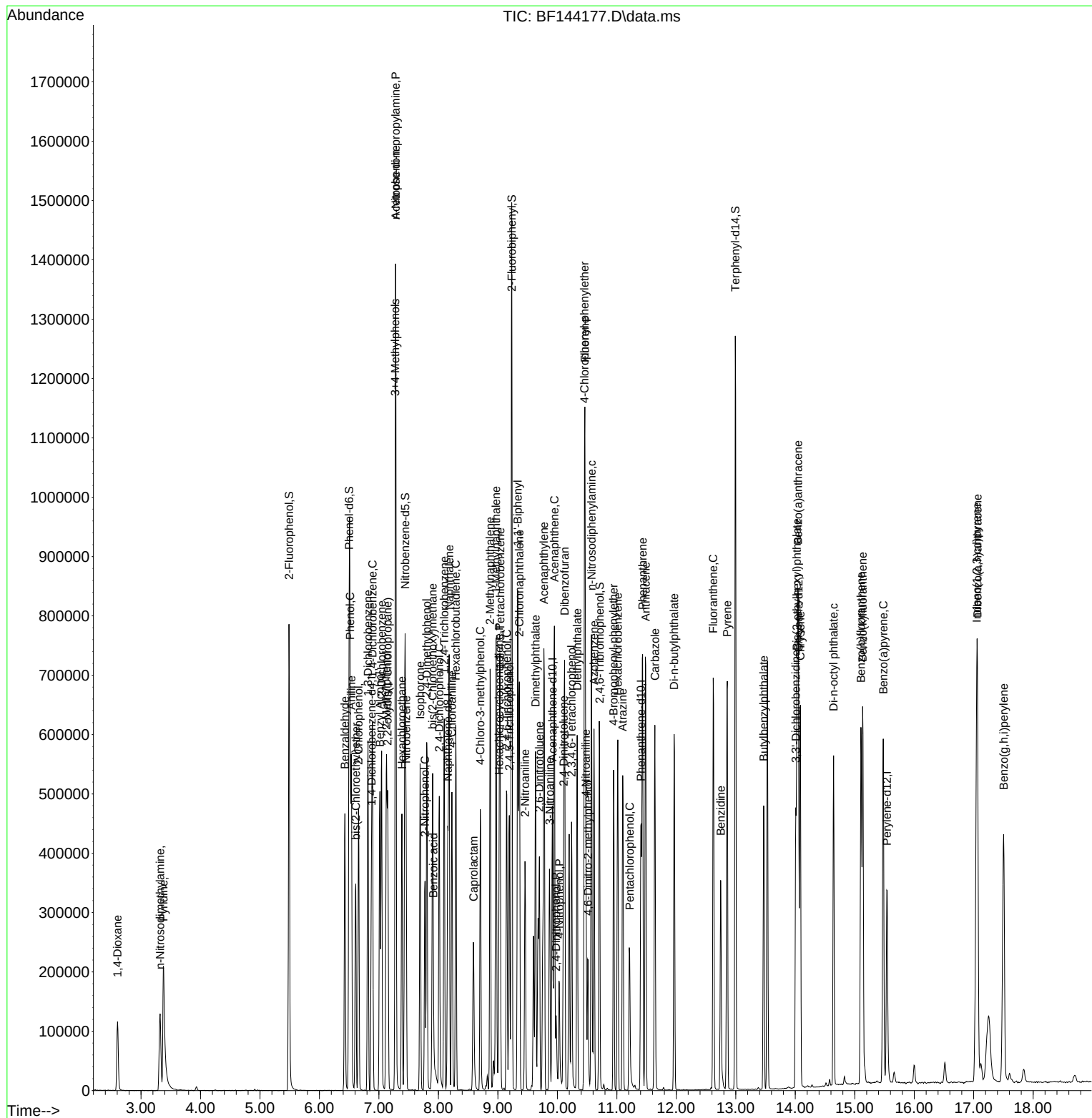
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\  
Data File : BF144177.D  
Acq On    : 05 Nov 2025 17:21  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 11    Sample Multiplier: 1
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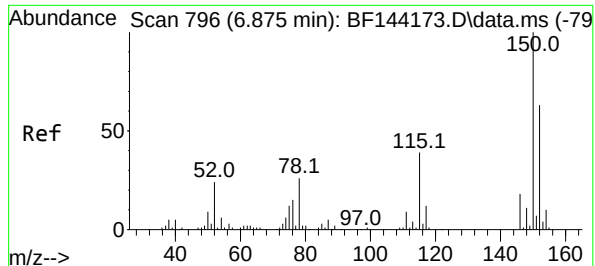
Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED

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

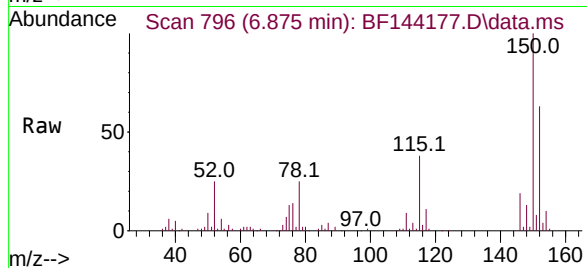
Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

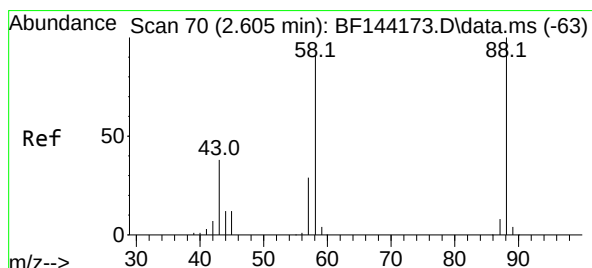
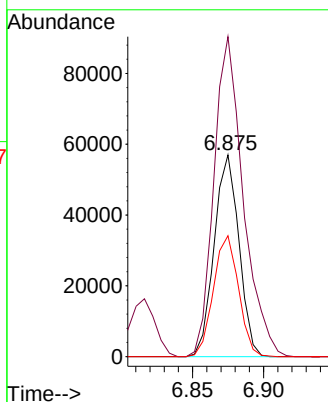
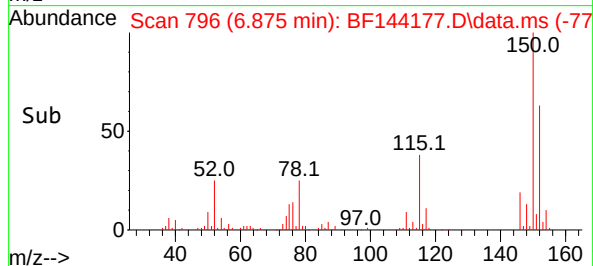
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:152 Resp: 69106
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.0
115 59.9 49.5 74.3

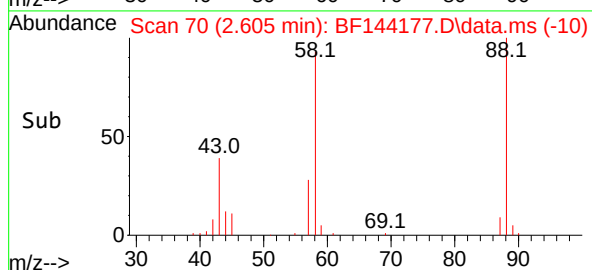
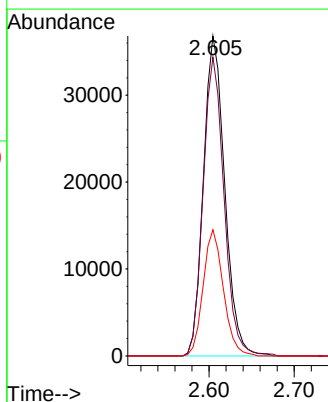
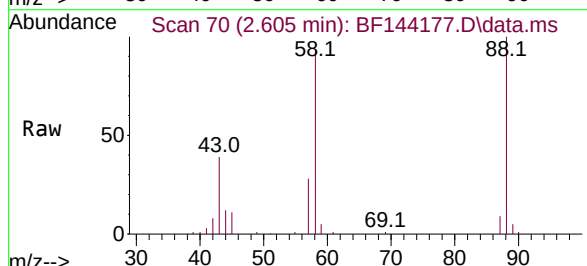
Manual Integrations
APPROVED

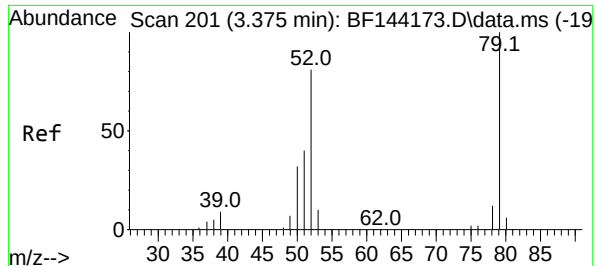
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#2
1,4-Dioxane
Concen: 34.992 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 88 Resp: 63887
Ion Ratio Lower Upper
88 100
58 91.6 73.1 109.7
43 37.5 31.0 46.6





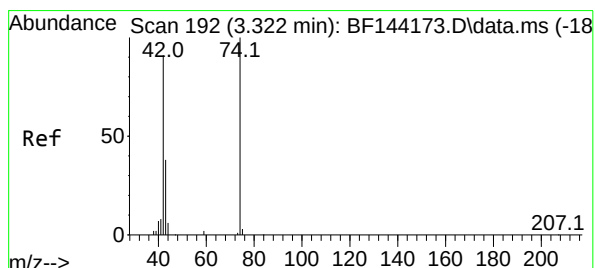
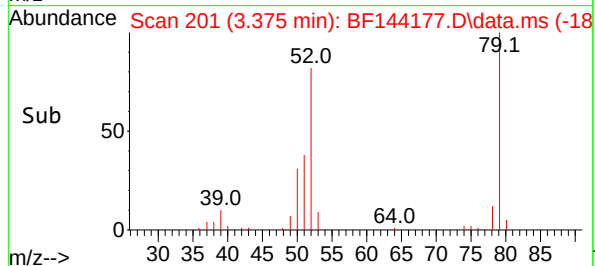
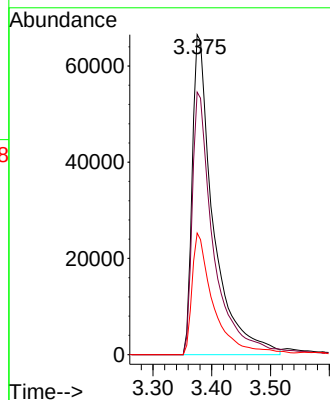
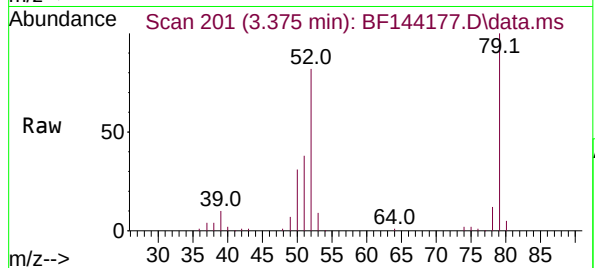
#3
Pyridine
Concen: 32.541 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 79 Resp: 165752
Ion Ratio Lower Upper
79 100
52 82.0 64.5 96.7
51 38.0 31.7 47.5

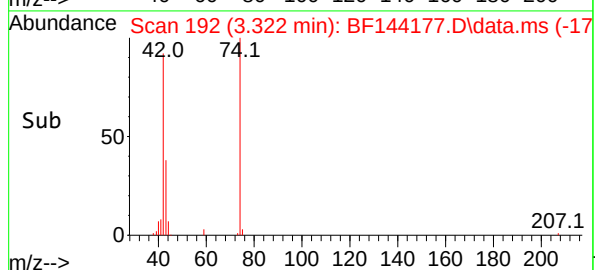
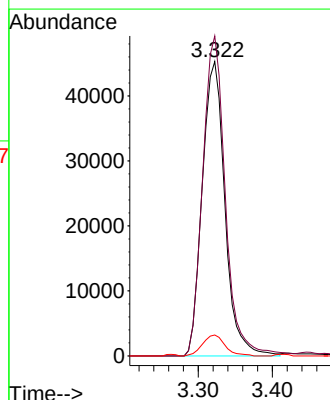
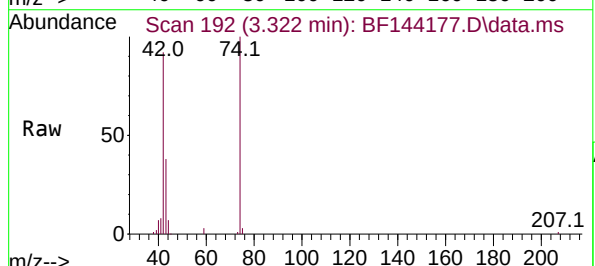
Manual Integrations
APPROVED

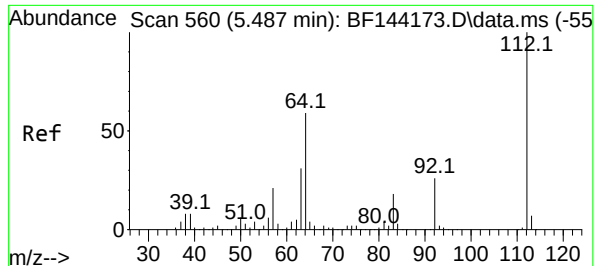
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#4
n-Nitrosodimethylamine
Concen: 36.224 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 42 Resp: 96379
Ion Ratio Lower Upper
42 100
74 108.7 88.2 132.4
44 7.1 5.7 8.5





#5
2-Fluorophenol
Concen: 70.243 ng
RT: 5.487 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

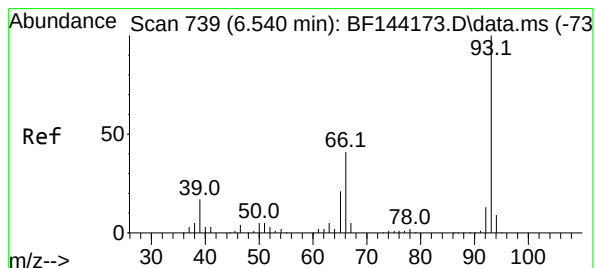
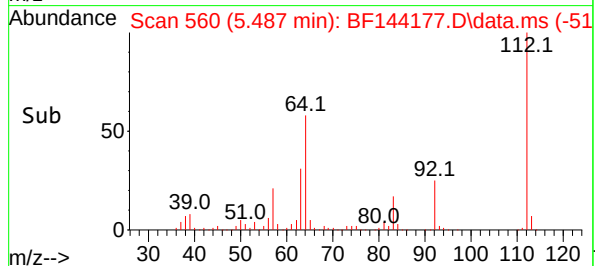
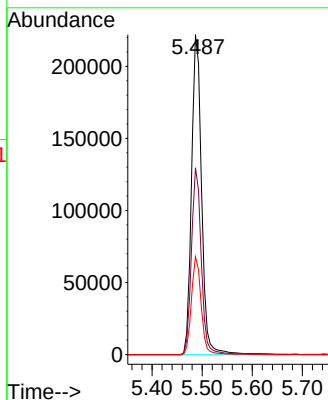
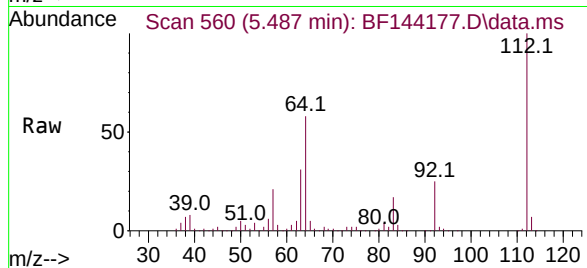
ICVBF110525

Tgt Ion:112 Resp: 310198
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 30.6 24.4 36.6

Manual Integrations

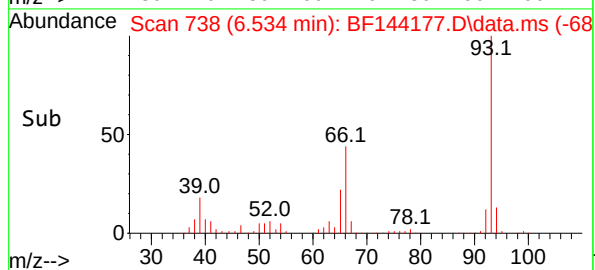
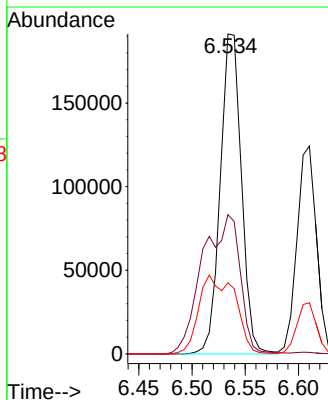
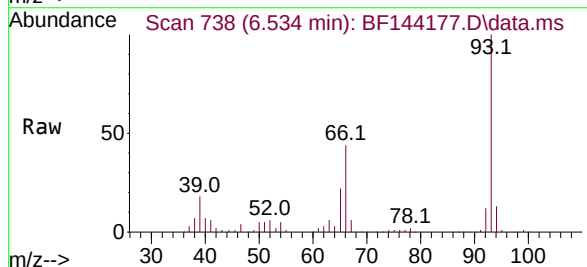
APPROVED

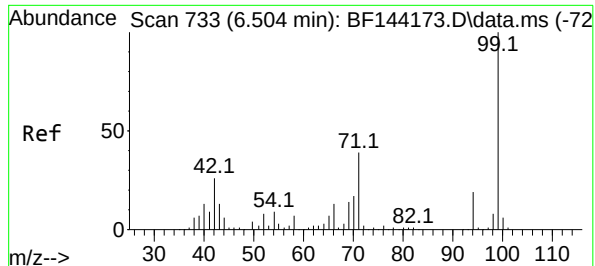
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#6
Aniline
Concen: 37.159 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 93 Resp: 264913
Ion Ratio Lower Upper
93 100
66 43.5 34.3 51.5
65 22.2 16.9 25.3





#7

Phenol-d6

Concen: 69.484 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 99 Resp: 347682

Ion Ratio Lower Upper

99 100

42 25.6 20.9 31.3

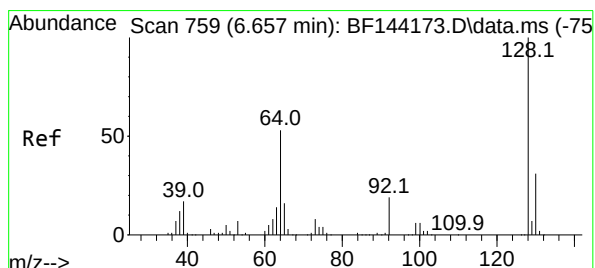
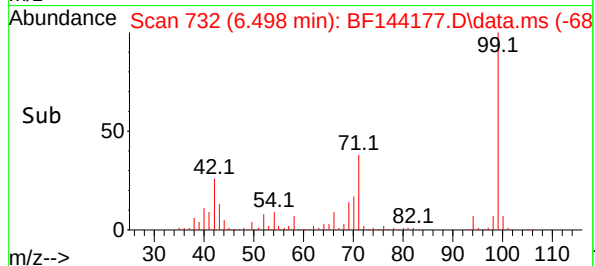
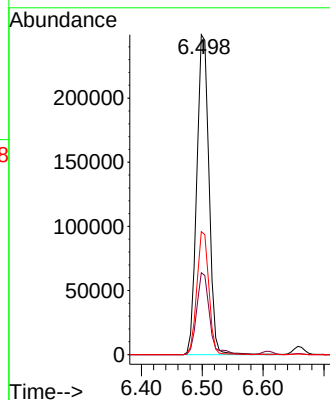
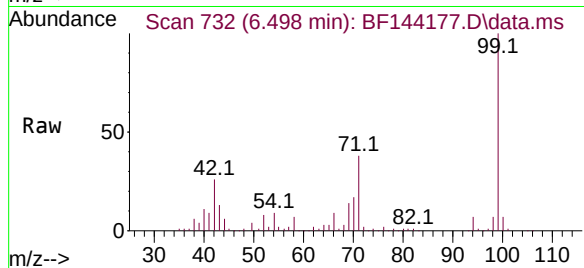
71 38.4 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#8

2-Chlorophenol

Concen: 35.096 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

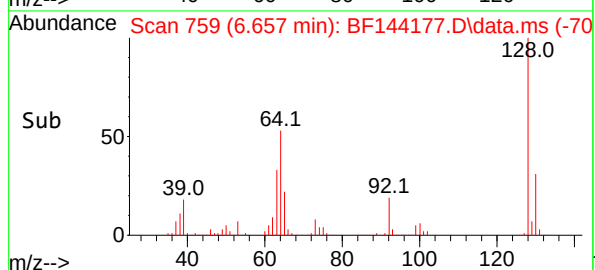
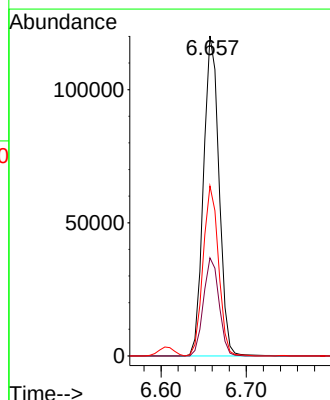
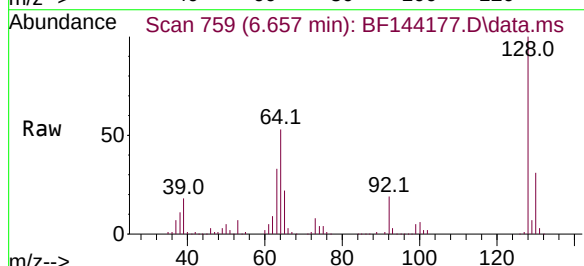
Tgt Ion:128 Resp: 151995

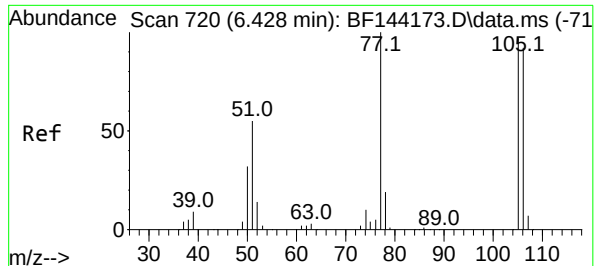
Ion Ratio Lower Upper

128 100

130 30.6 10.5 50.5

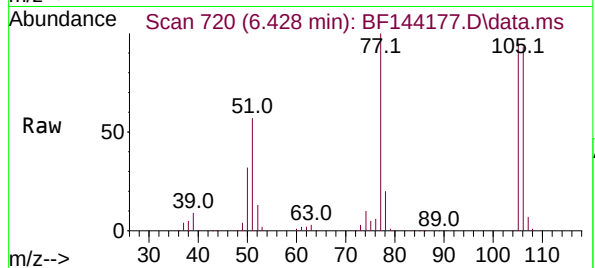
64 53.1 33.2 73.2





#9
Benzaldehyde
Concen: 45.337 ng
RT: 6.428 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

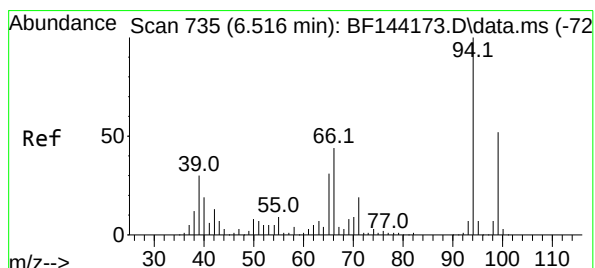
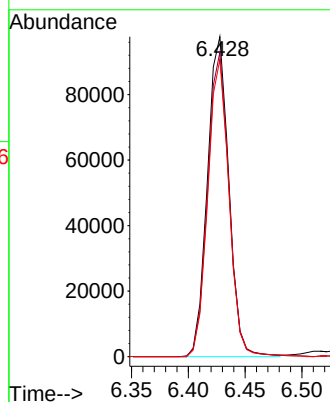
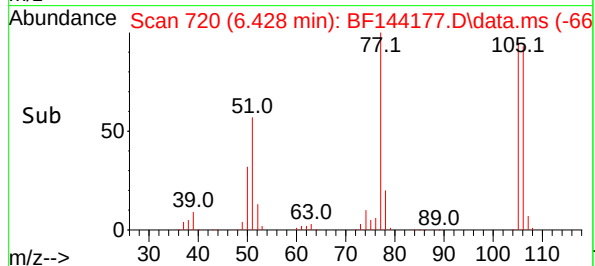
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion: 77 Resp: 12810
Ion Ratio Lower Upper
77 100
105 95.1 77.2 117.2
106 92.9 72.2 112.2

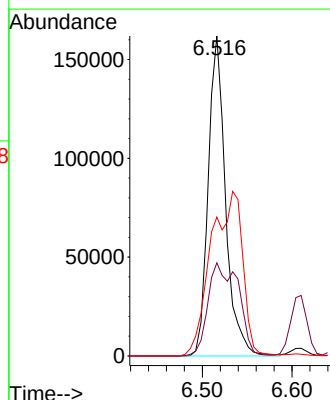
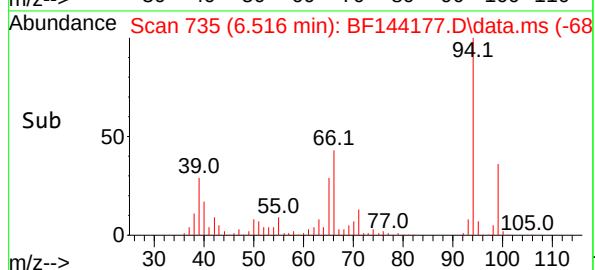
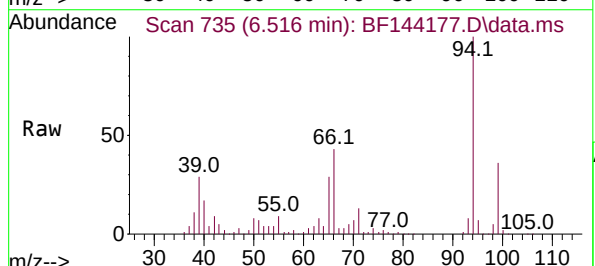
Manual Integrations
APPROVED

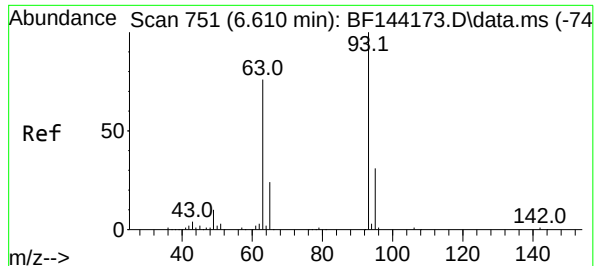
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#10
Phenol
Concen: 35.563 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 94 Resp: 217418
Ion Ratio Lower Upper
94 100
65 29.1 10.8 50.8
66 43.4 24.3 64.3





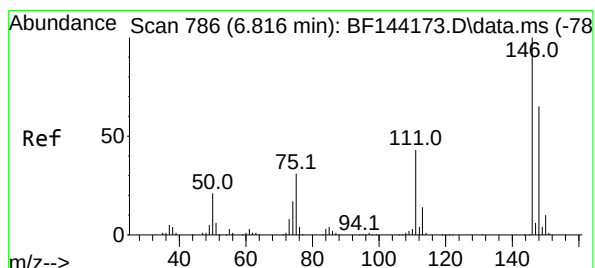
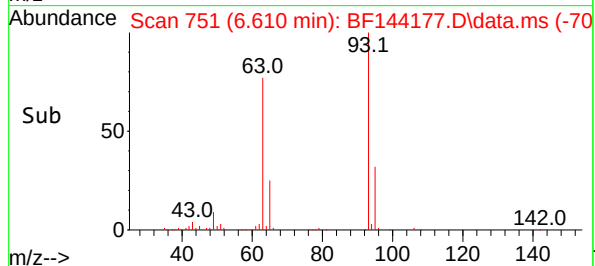
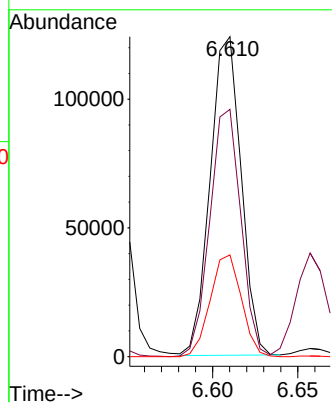
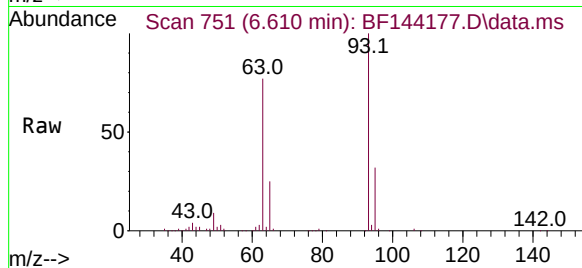
#11
bis(2-Chloroethyl)ether
Concen: 35.167 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 93 Resp: 156663
Ion Ratio Lower Upper
93 100
63 77.3 55.2 95.2
95 31.8 11.2 51.2

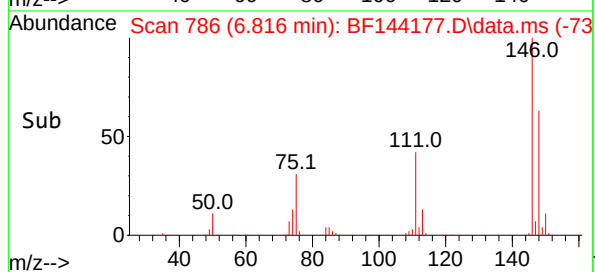
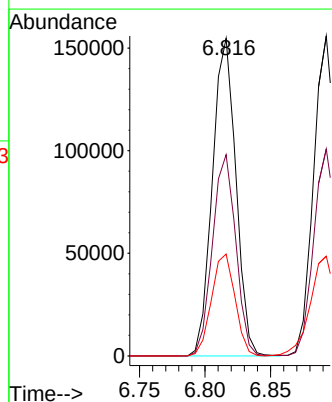
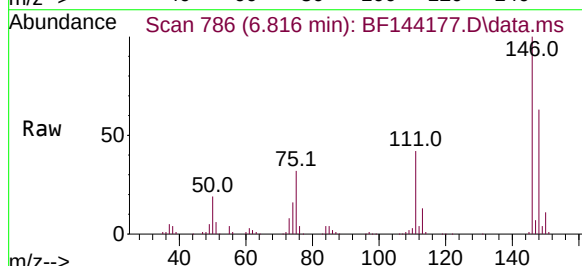
Manual Integrations
APPROVED

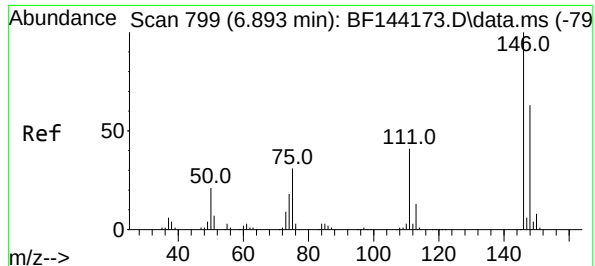
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#12
1,3-Dichlorobenzene
Concen: 36.038 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:146 Resp: 192589
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 32.1 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 35.858 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:146 Resp: 191978

Ion Ratio Lower Upper

146 100

148 64.7 50.2 75.2

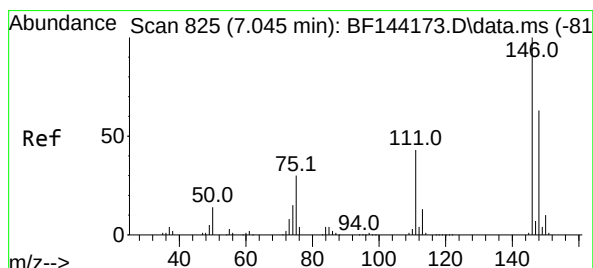
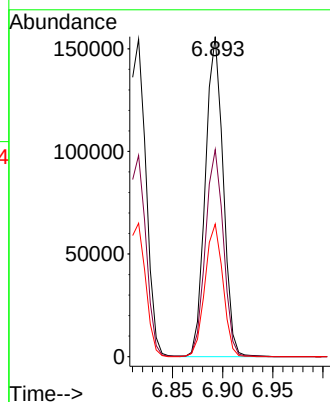
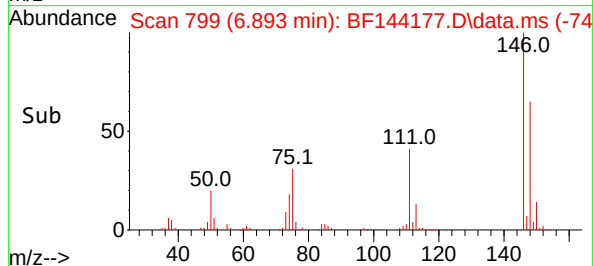
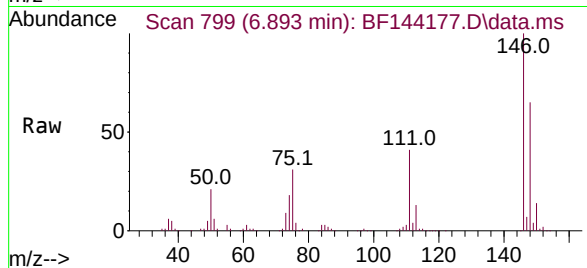
111 41.4 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#14

1,2-Dichlorobenzene

Concen: 36.957 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

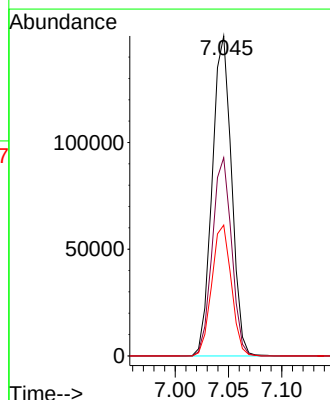
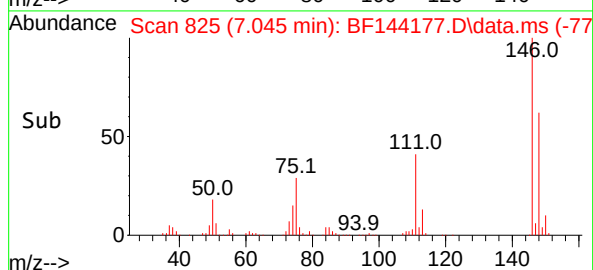
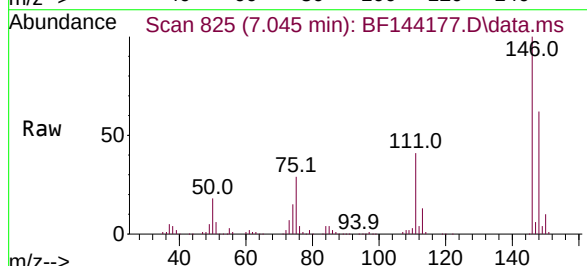
Tgt Ion:146 Resp: 189651

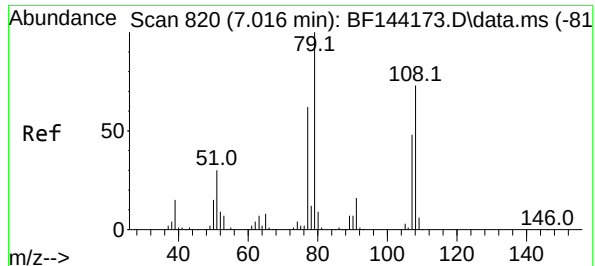
Ion Ratio Lower Upper

146 100

148 61.9 50.7 76.1

111 40.9 34.2 51.4





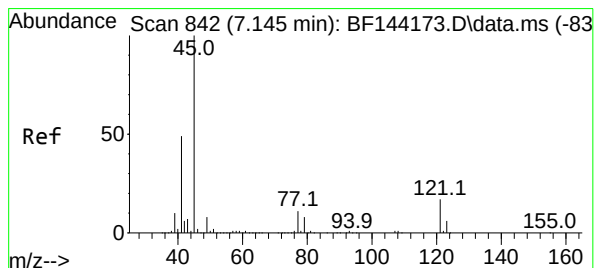
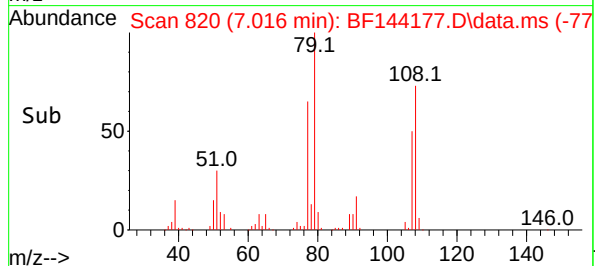
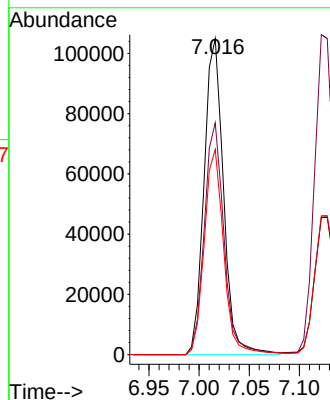
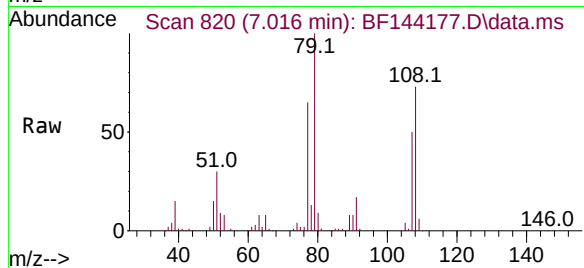
#15
Benzyl Alcohol
Concen: 35.593 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 79 Resp: 141026
Ion Ratio Lower Upper
79 100
108 73.3 58.2 87.4
77 64.9 49.9 74.9

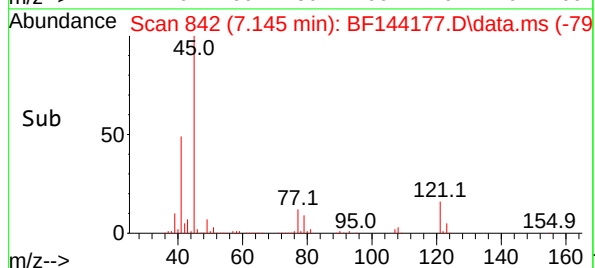
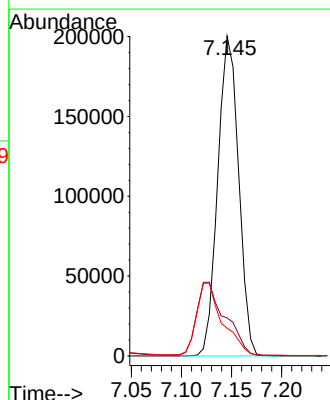
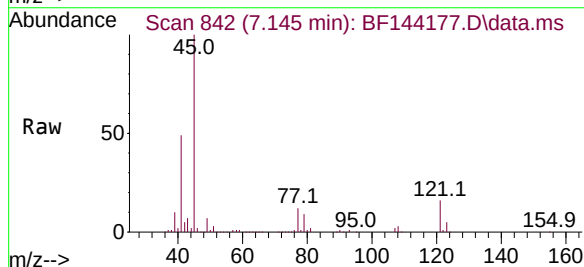
Manual Integrations
APPROVED

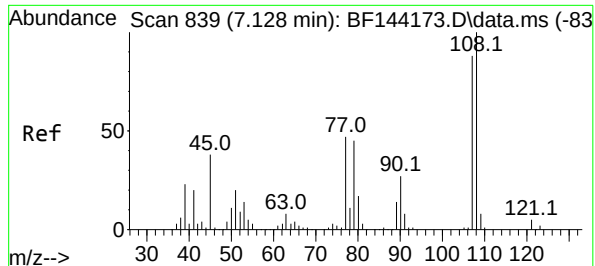
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.340 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

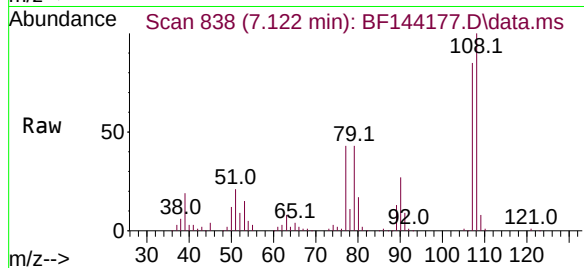
Tgt Ion: 45 Resp: 289907
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.8
79 8.6 0.0 29.1





#17
2-Methylphenol
Concen: 34.723 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

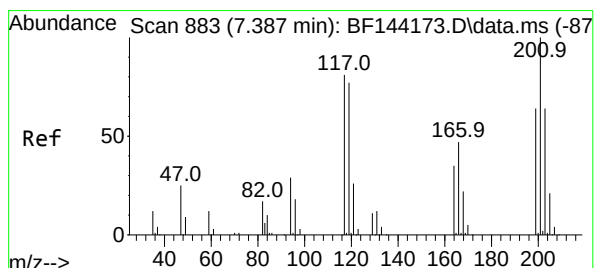
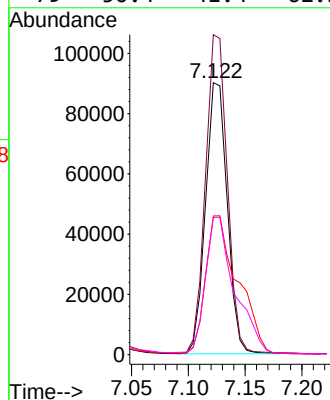
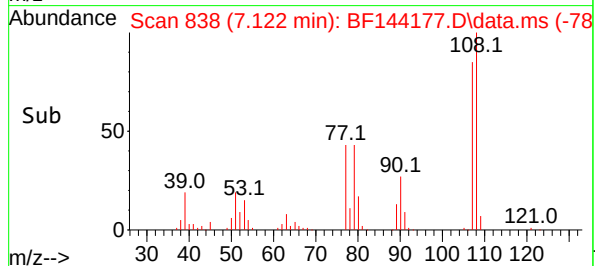
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:107 Resp: 119633
Ion Ratio Lower Upper
107 100
108 117.7 91.0 136.4
77 51.0 42.7 64.1
79 50.4 41.4 62.2

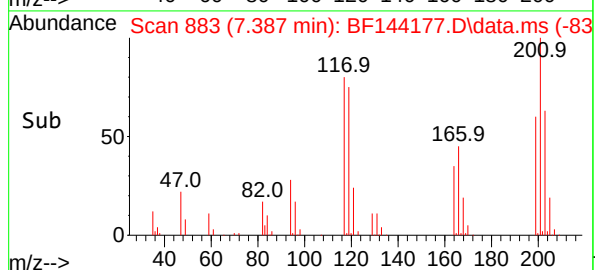
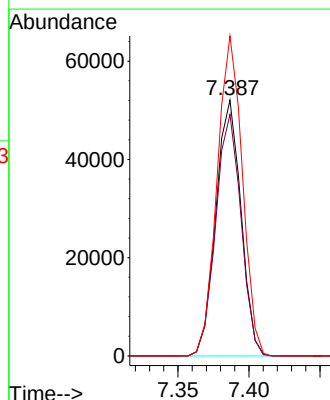
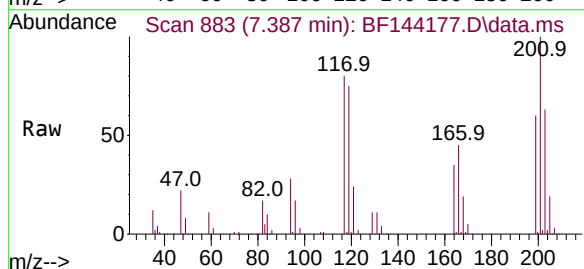
Manual Integrations
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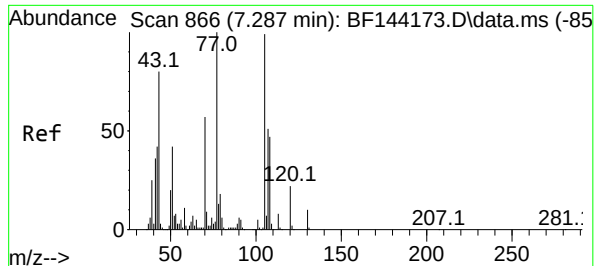
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#18
Hexachloroethane
Concen: 36.050 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:117 Resp: 64124
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
201 125.1 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 34.051 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 70 Resp: 112165

Ion Ratio Lower Upper

70 100

42 78.4 58.3 87.5

101 9.1 7.0 10.6

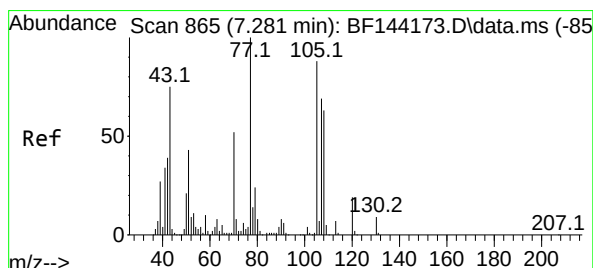
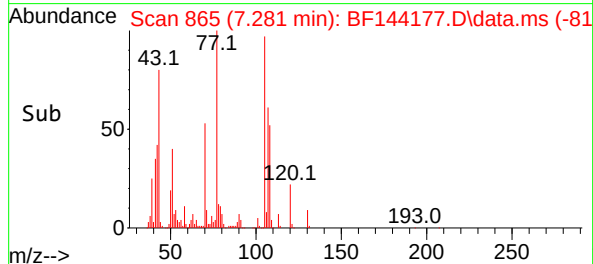
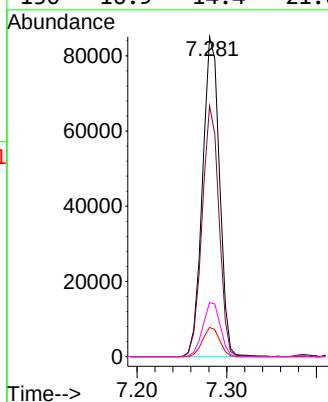
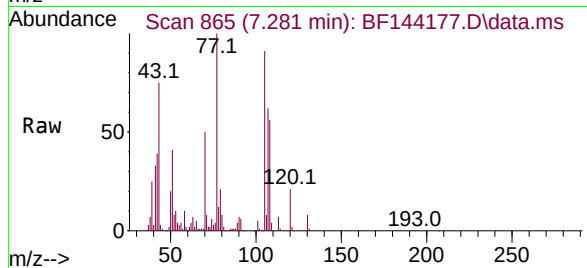
130 16.9 14.4 21.6

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#20

3+4-Methylphenols

Concen: 35.839 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:107 Resp: 145554

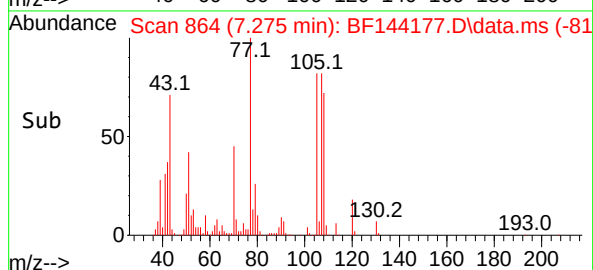
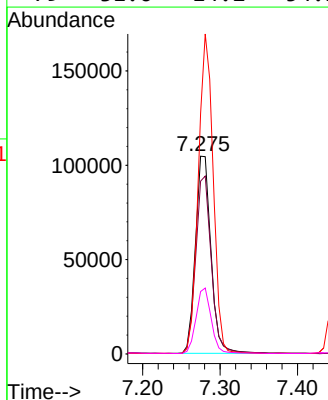
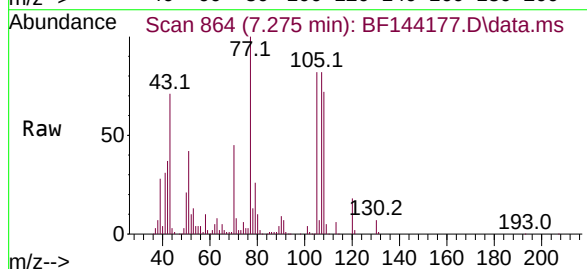
Ion Ratio Lower Upper

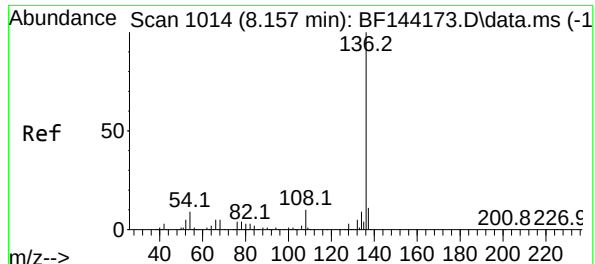
107 100

108 87.4 70.2 110.2

77 121.6 123.9 163.9#

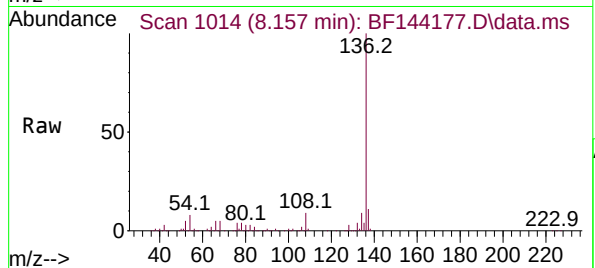
79 31.6 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

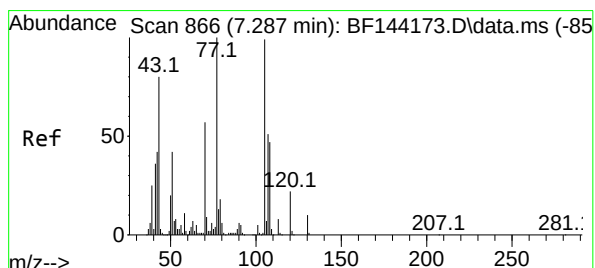
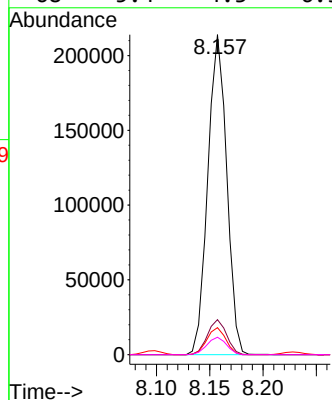
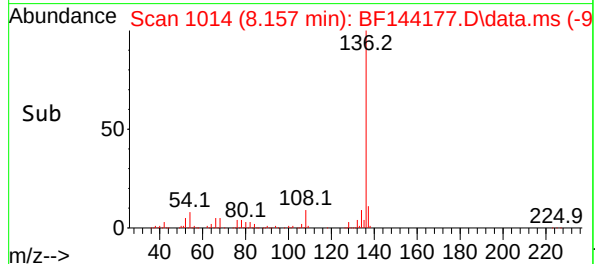
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



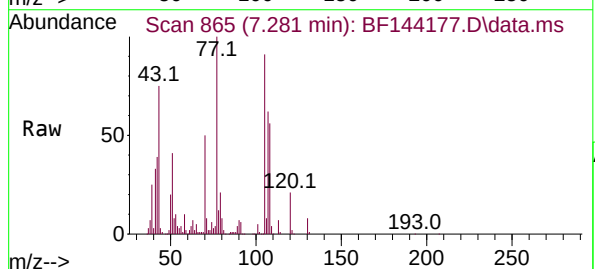
Tgt Ion:136 Resp: 264133
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 7.0 10.6
68 5.4 4.3 6.5

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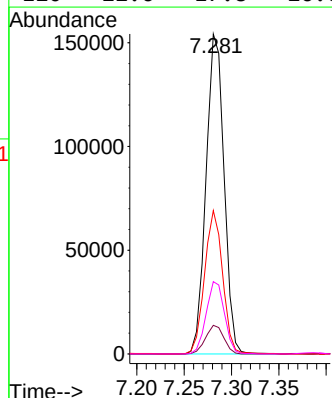
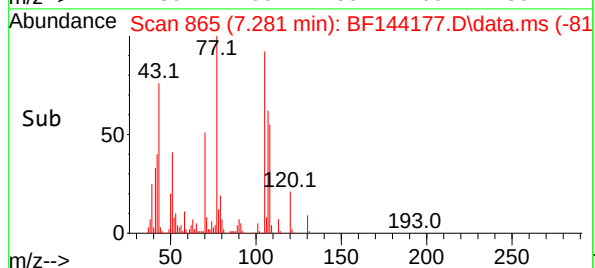
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

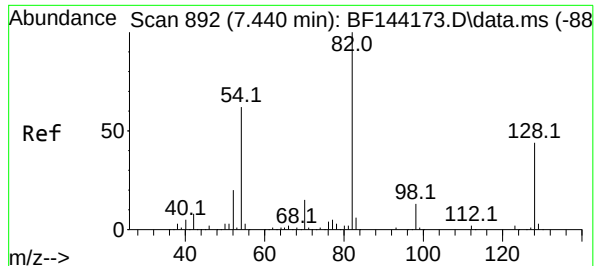


#22
Acetophenone
Concen: 36.061 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:105 Resp: 204331
Ion Ratio Lower Upper
105 100
71 8.9 7.2 10.8
51 44.8 34.0 51.0
120 22.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 68.601 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 82 Resp: 31373

Ion Ratio Lower Upper

82 100

128 43.8 34.7 52.1

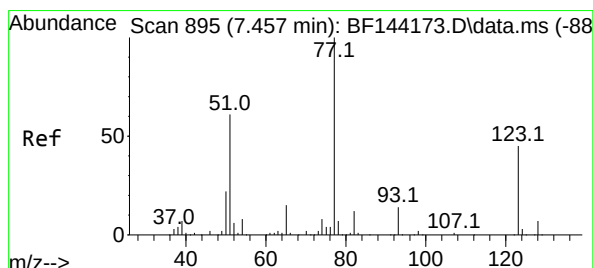
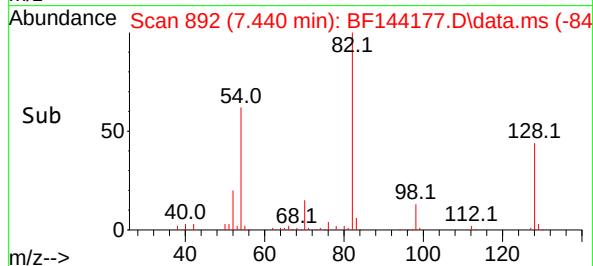
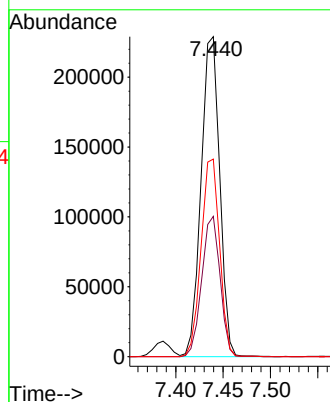
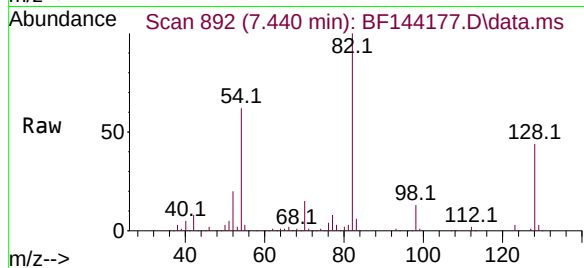
54 61.7 49.5 74.3

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#24

Nitrobenzene

Concen: 34.763 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

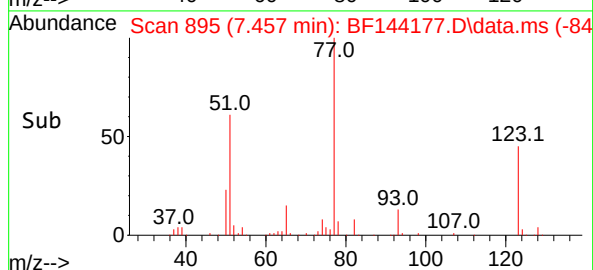
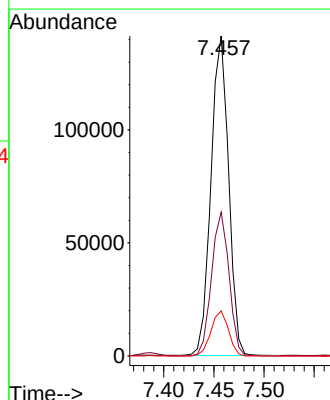
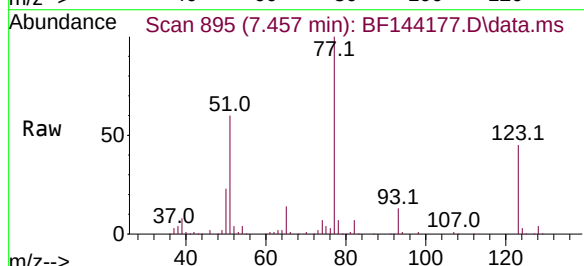
Tgt Ion: 77 Resp: 172618

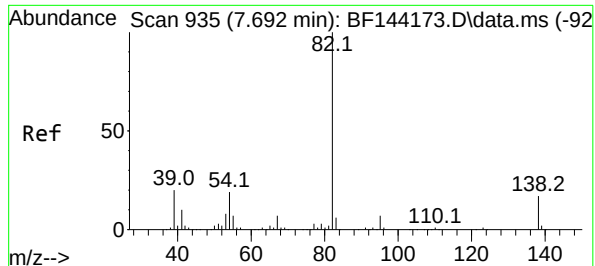
Ion Ratio Lower Upper

77 100

123 44.9 35.8 53.8

65 14.1 12.2 18.2





#25

Isophorone

Concen: 34.755 ng

RT: 7.692 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 82 Resp: 300648

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

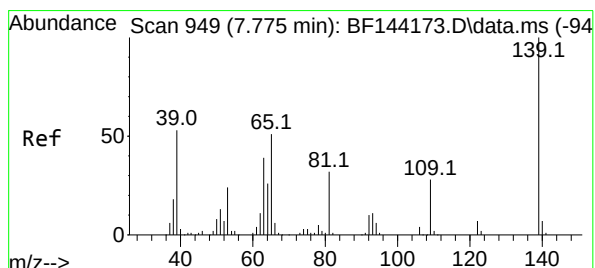
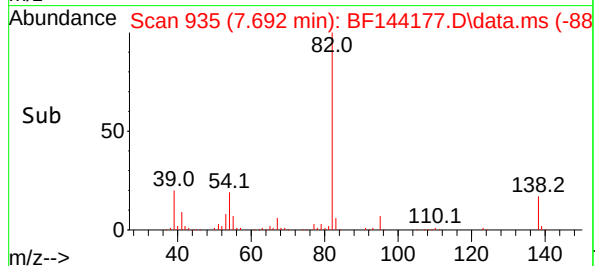
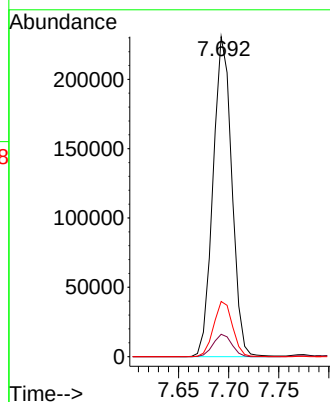
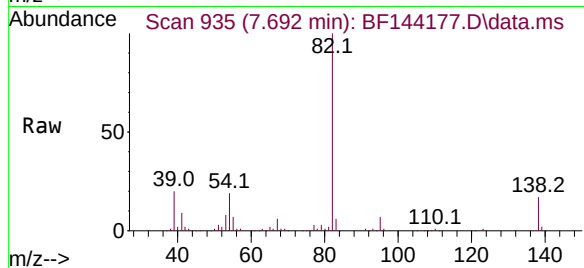
138 17.2 13.7 20.5

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#26

2-Nitrophenol

Concen: 36.521 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

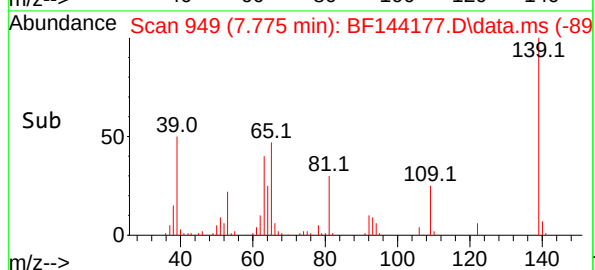
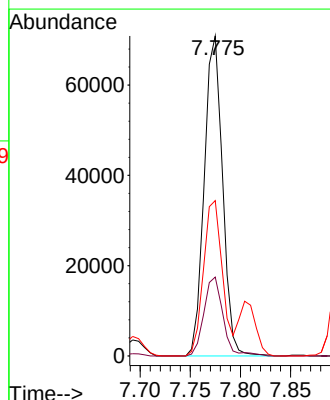
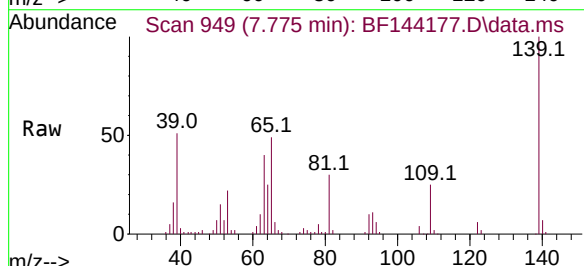
Tgt Ion:139 Resp: 89771

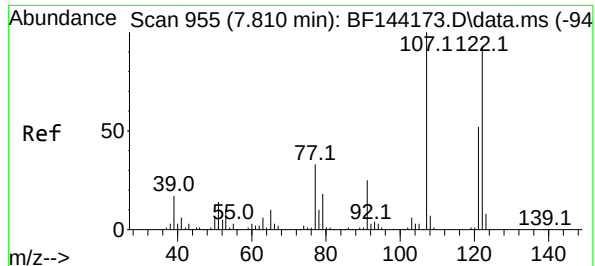
Ion Ratio Lower Upper

139 100

109 24.6 22.2 33.2

65 48.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 39.334 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

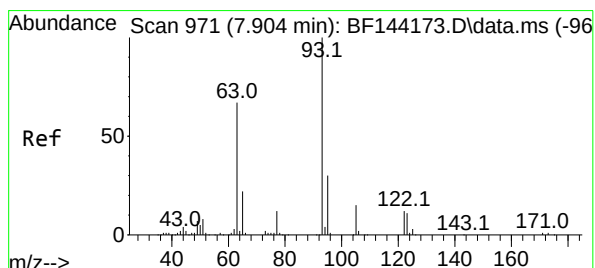
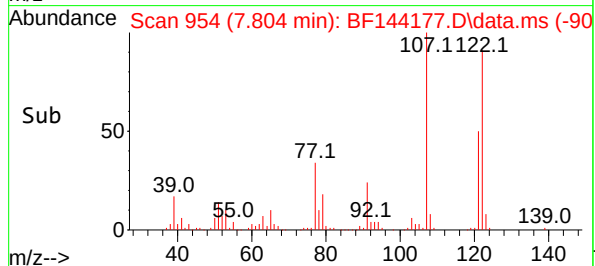
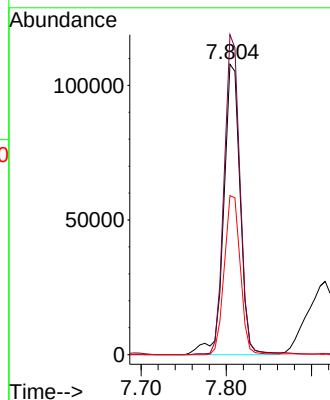
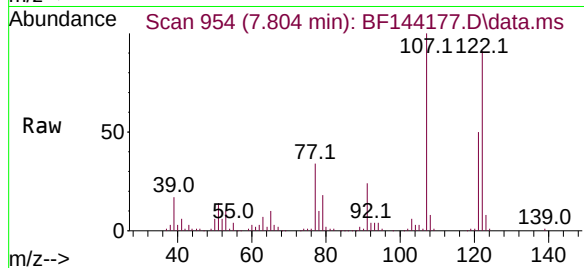
ICVBF110525

Tgt Ion:122 Resp: 144915
Ion Ratio Lower Upper
122 100
107 110.2 86.2 129.4
121 54.8 44.6 66.8

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



#28

bis(2-Chloroethoxy)methane

Concen: 35.422 ng

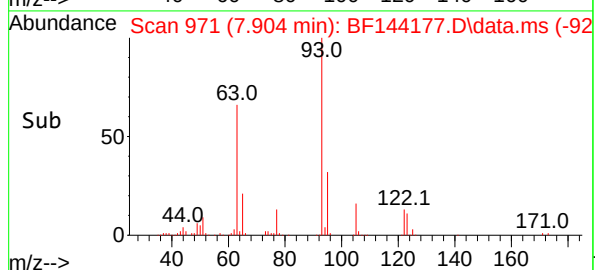
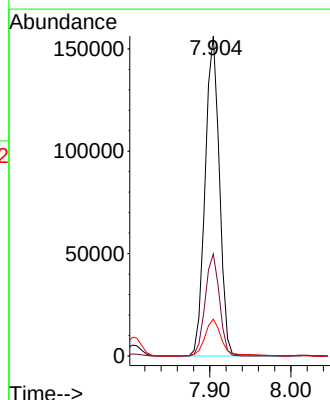
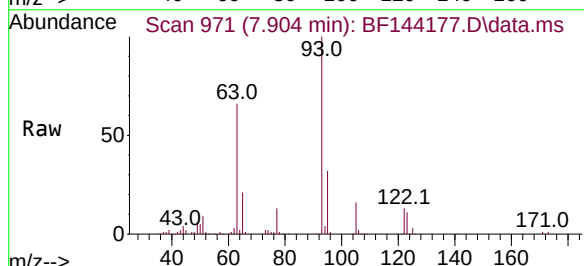
RT: 7.904 min Scan# 971

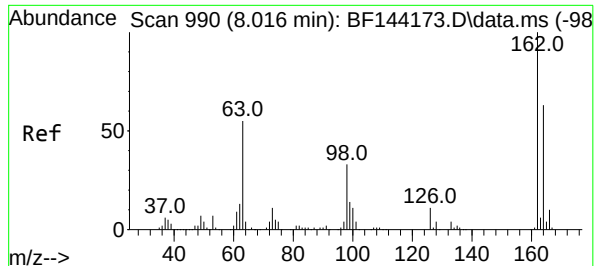
Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion: 93 Resp: 191347
Ion Ratio Lower Upper
93 100
95 31.9 24.2 36.4
123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 34.086 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:162 Resp: 144739

Ion Ratio Lower Upper

162 100

164 63.8 42.9 82.9

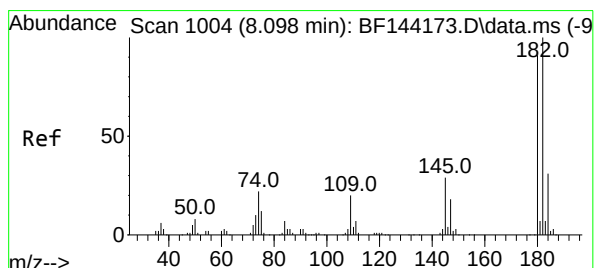
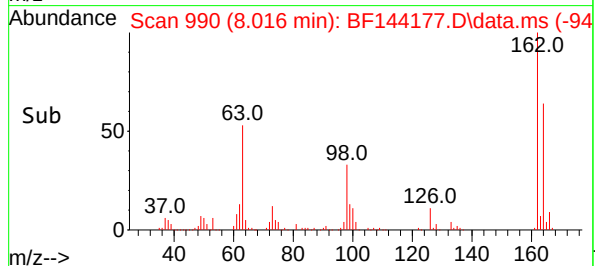
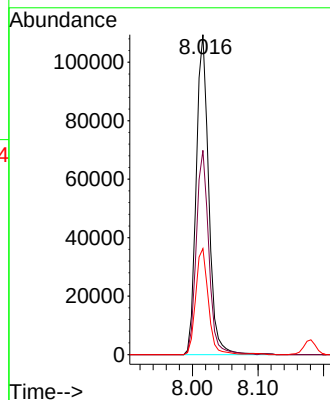
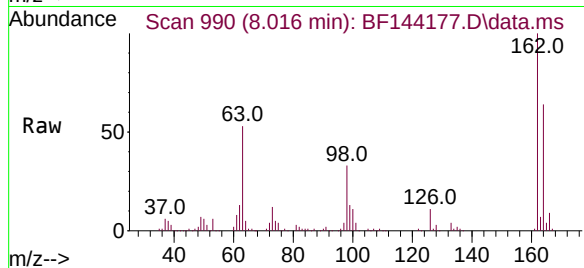
98 33.1 13.3 53.3

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 35.677 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

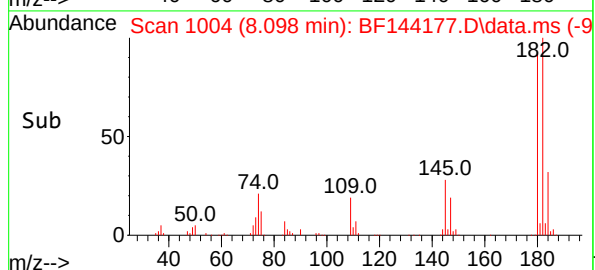
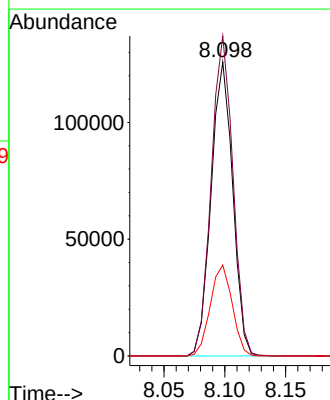
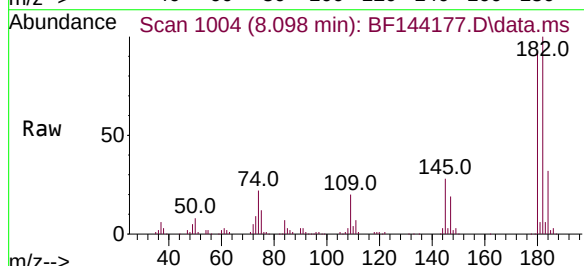
Tgt Ion:180 Resp: 155562

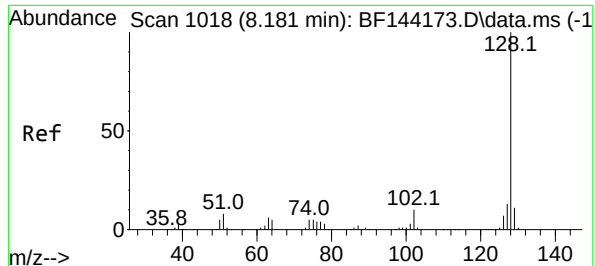
Ion Ratio Lower Upper

180 100

182 108.9 87.7 131.5

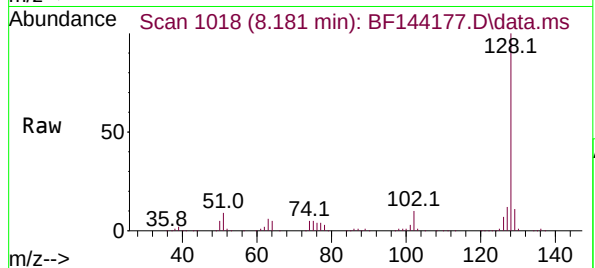
145 30.9 25.4 38.0





#31
Naphthalene
Concen: 34.861 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

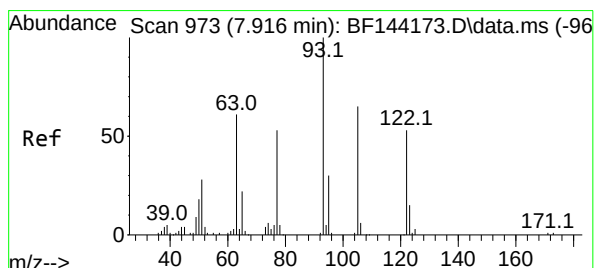
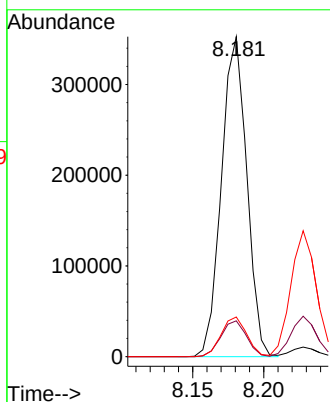
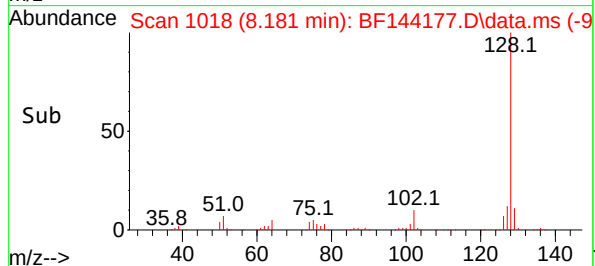
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:128 Resp: 438013
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.4 10.3 15.5

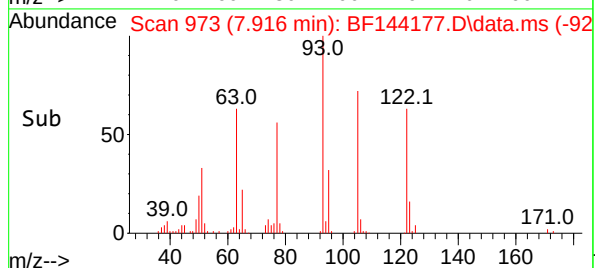
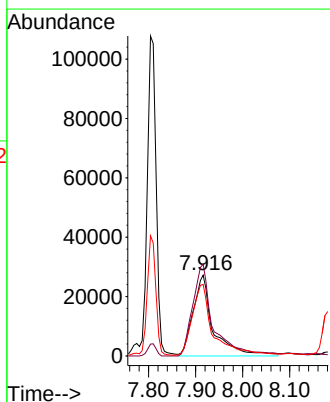
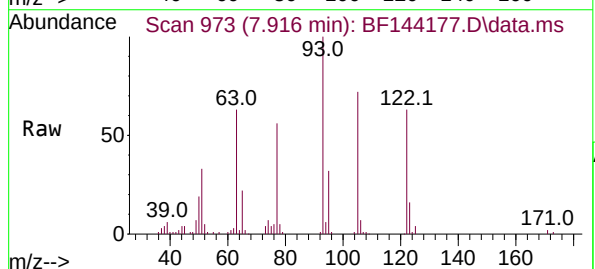
Manual Integrations
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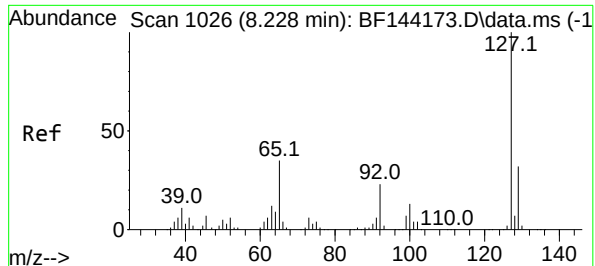
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#32
Benzoic acid
Concen: 30.148 ng m
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

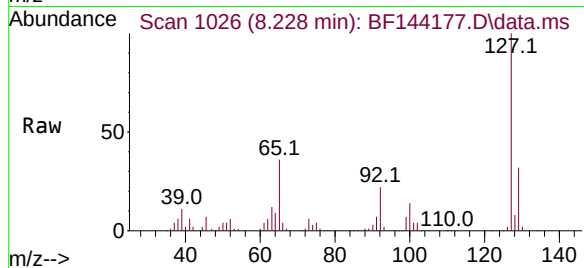
Tgt Ion:122 Resp: 81416
Ion Ratio Lower Upper
122 100
105 113.5 99.9 139.9
77 88.6 77.5 117.5





#33
4-Chloroaniline
Concen: 38.685 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

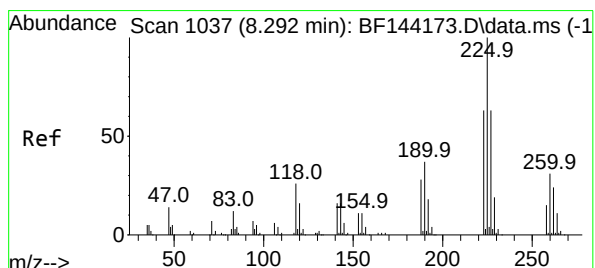
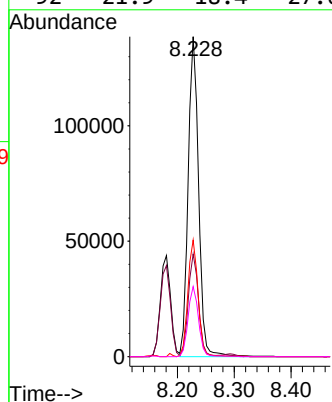
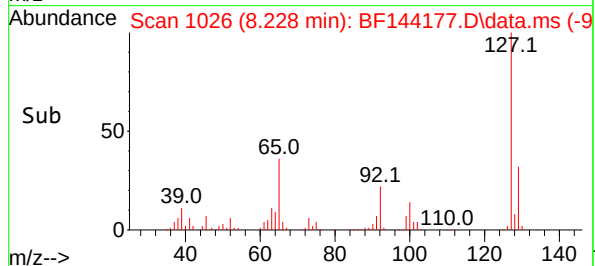
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:127 Resp: 177275
Ion Ratio Lower Upper
127 100
129 32.1 25.3 37.9
65 36.4 27.6 41.4
92 21.9 18.4 27.6

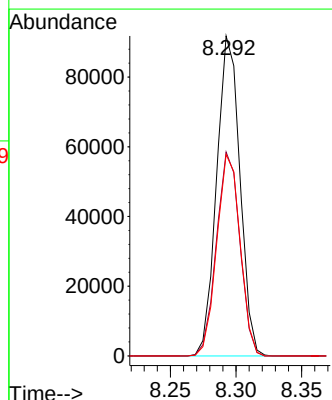
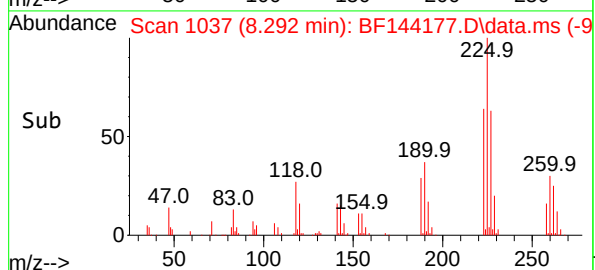
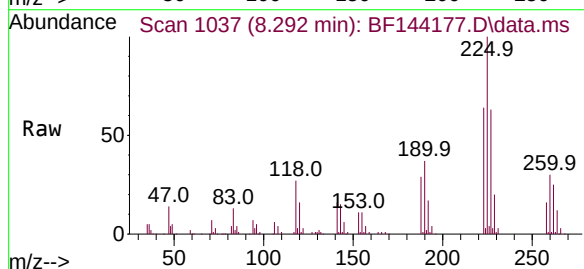
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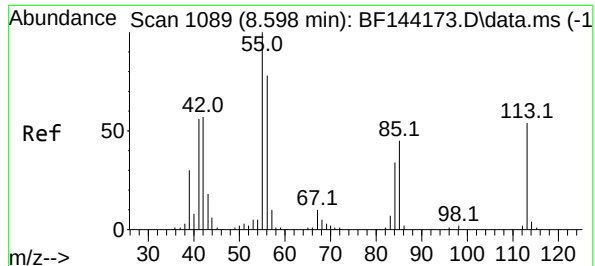
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#34
Hexachlorobutadiene
Concen: 34.552 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

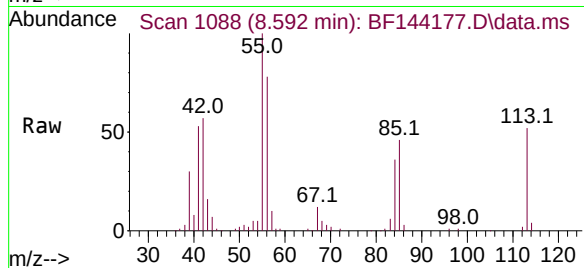
Tgt Ion:225 Resp: 113543
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.4
227 62.9 50.1 75.1





#35
Caprolactam
Concen: 33.478 ng
RT: 8.592 min Scan# 1088
Delta R.T. -0.029 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

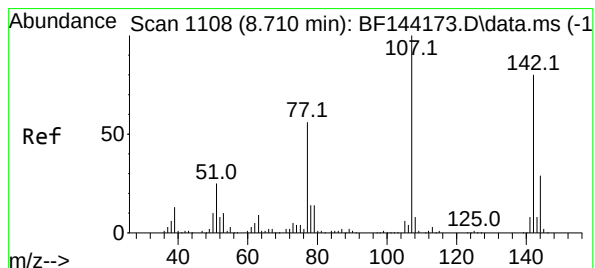
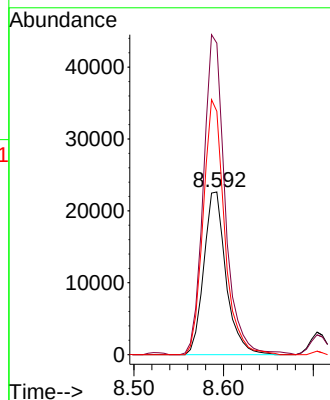
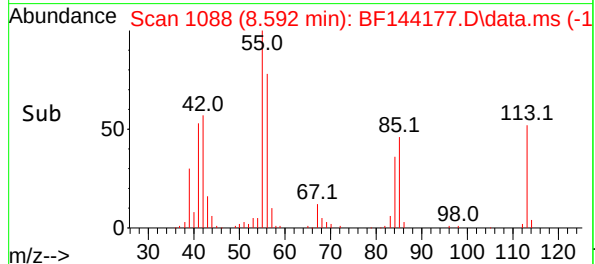
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:113 Resp: 3894
Ion Ratio Lower Upper
113 100
55 191.5 166.8 206.8
56 149.7 125.9 165.9

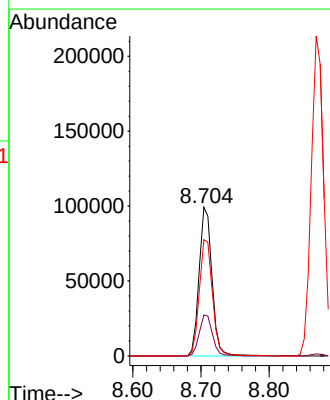
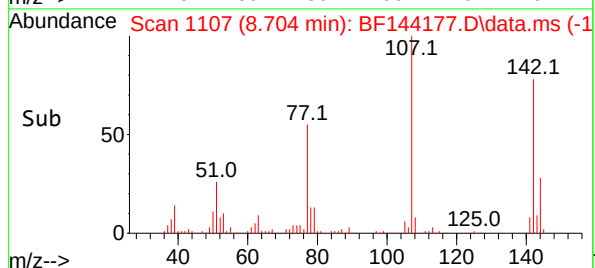
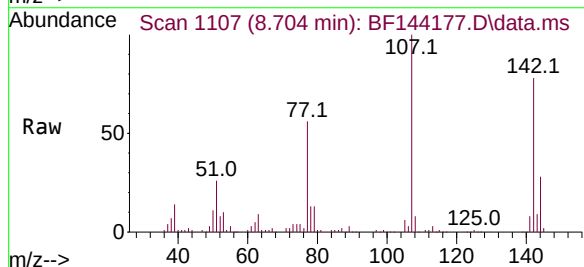
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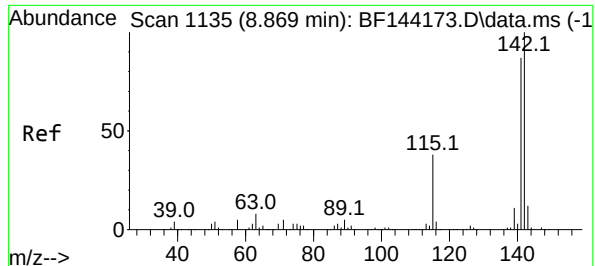
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#36
4-Chloro-3-methylphenol
Concen: 34.336 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:107 Resp: 130667
Ion Ratio Lower Upper
107 100
144 27.5 23.3 34.9
142 78.3 63.8 95.6





#37

2-Methylnaphthalene

Concen: 31.978 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:142 Resp: 268630

Ion Ratio Lower Upper

142 100

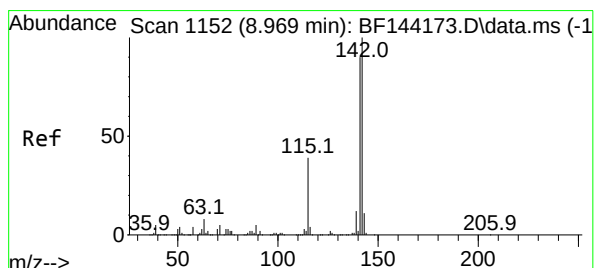
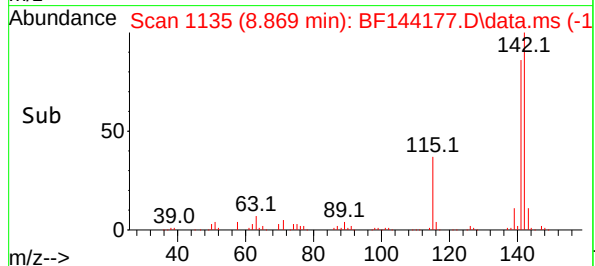
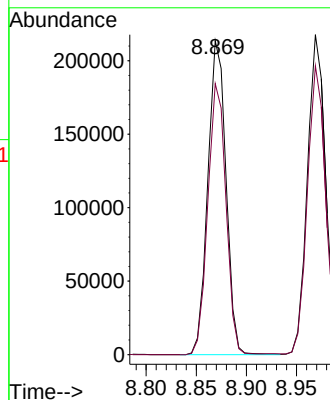
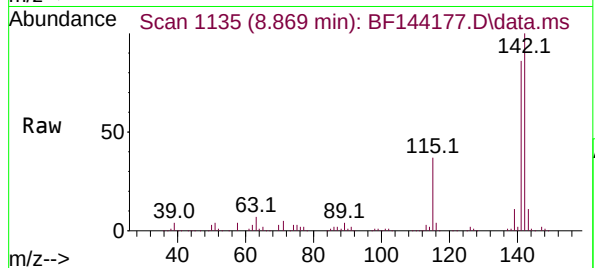
141 86.3 69.9 104.9

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#38

1-Methylnaphthalene

Concen: 33.472 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144177.D

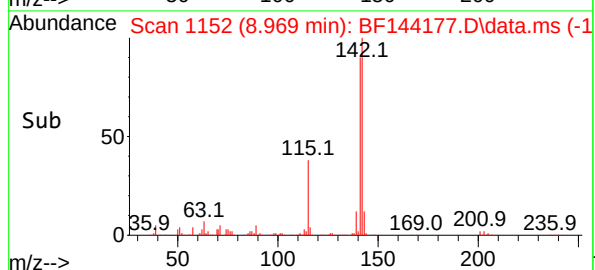
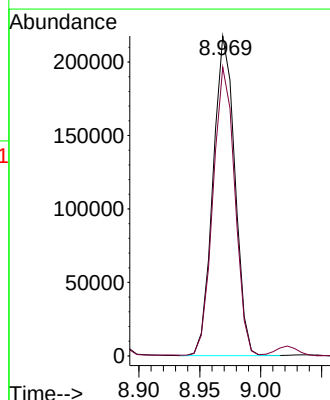
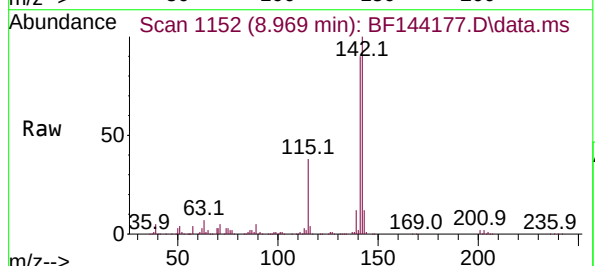
Acq: 05 Nov 2025 17:21

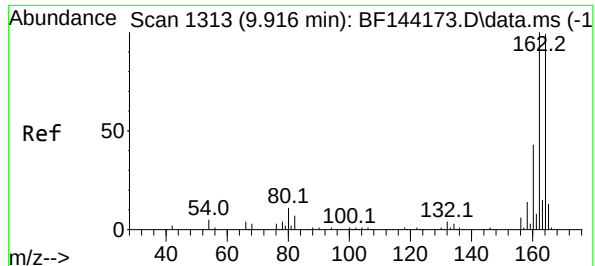
Tgt Ion:142 Resp: 271310

Ion Ratio Lower Upper

142 100

141 90.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144177.D

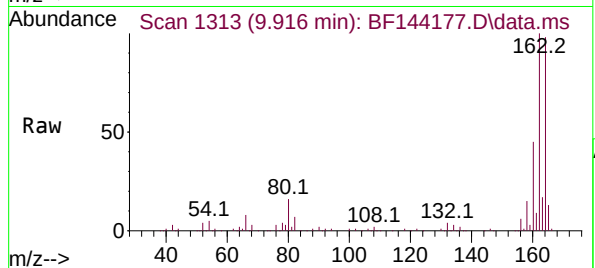
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:164 Resp: 14380

Ion Ratio Lower Upper

164 100

162 101.7 81.1 121.7

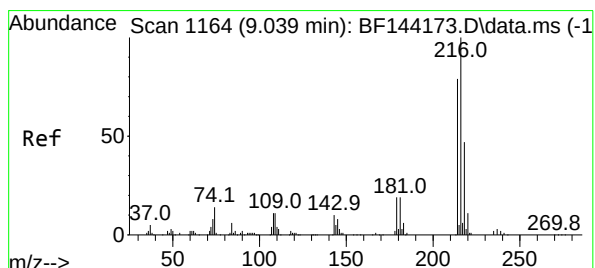
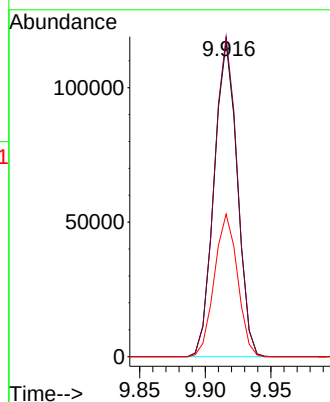
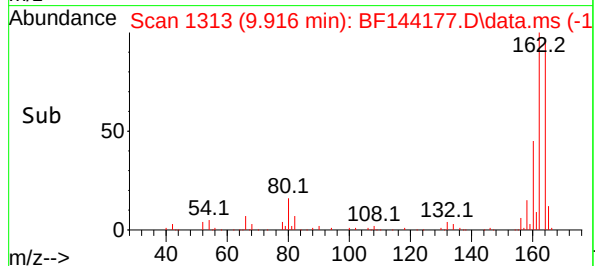
160 45.3 34.5 51.7

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#40

1,2,4,5-Tetrachlorobenzene

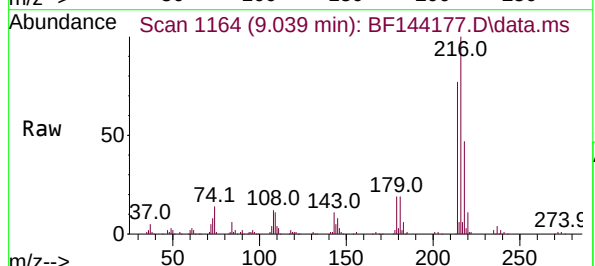
Concen: 36.811 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21



Tgt Ion:216 Resp: 173491

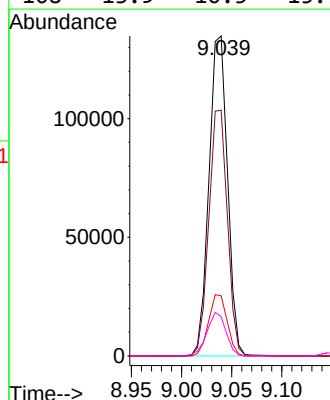
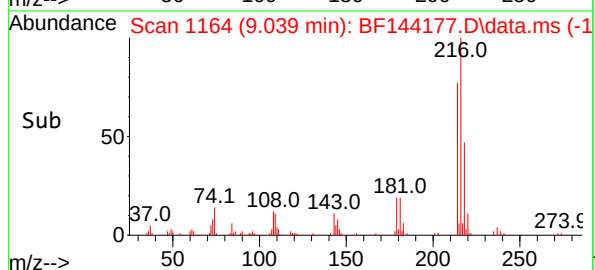
Ion Ratio Lower Upper

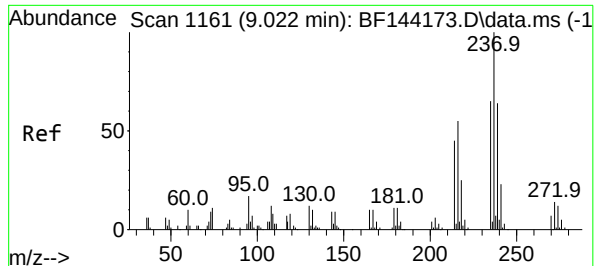
216 100

214 76.8 63.4 95.2

179 19.1 15.0 22.4

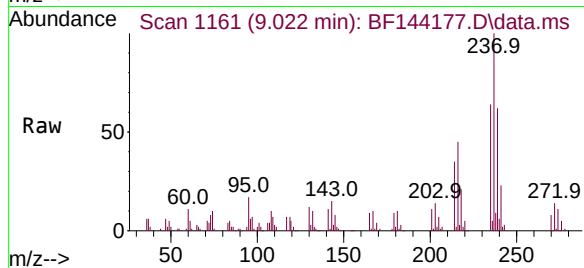
108 13.9 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 46.350 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

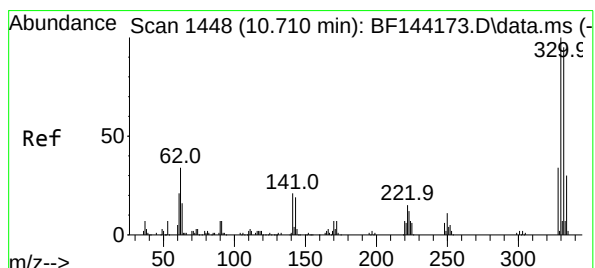
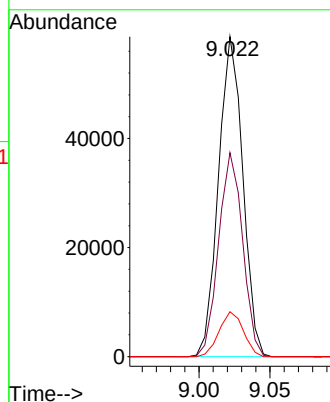
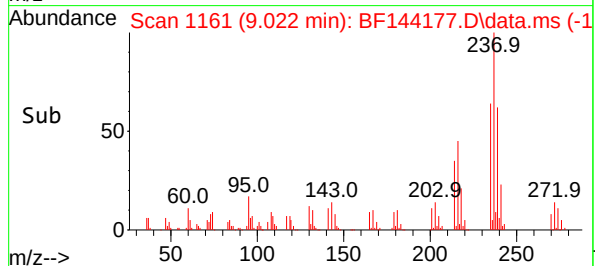
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



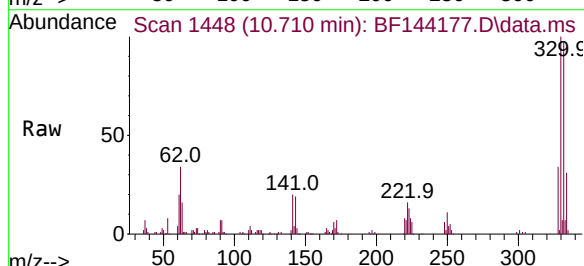
Tgt Ion: 237 Resp: 6998
Ion Ratio Lower Upper
237 100
235 63.7 45.5 85.5
272 14.0 0.0 33.5

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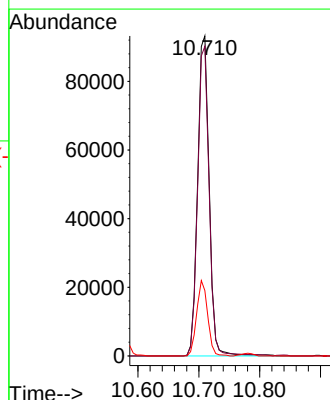
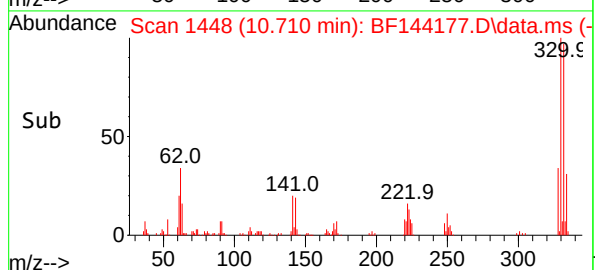
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

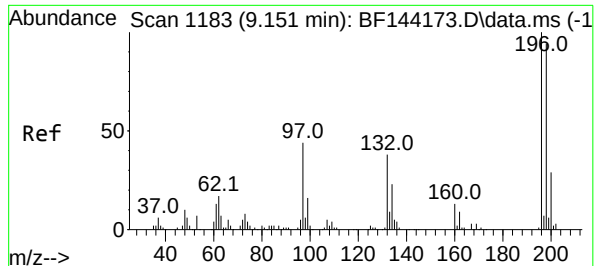


#42
2,4,6-Tribromophenol
Concen: 67.987 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion: 330 Resp: 122691
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 22.4 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 35.357 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144177.D

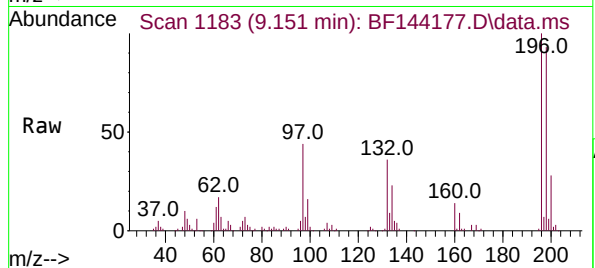
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:196 Resp: 113418

Ion Ratio Lower Upper

196 100

198 93.2 75.3 112.9

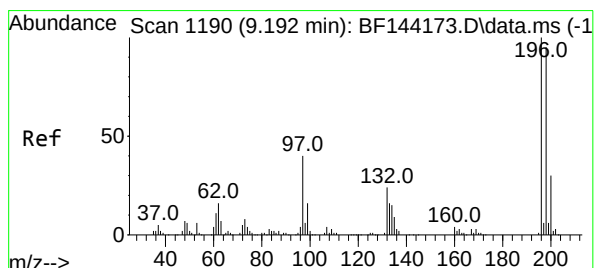
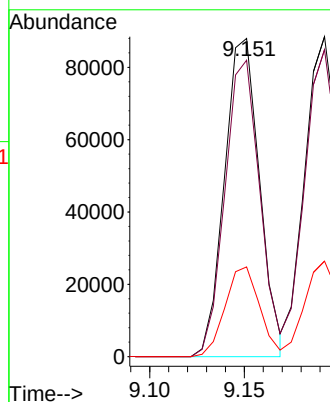
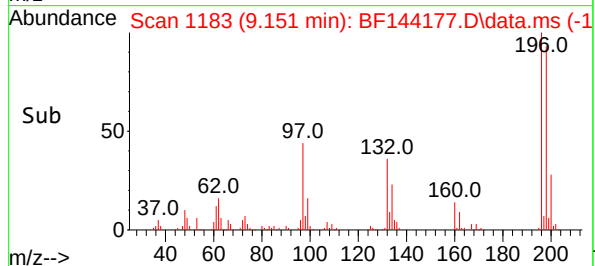
200 28.2 23.4 35.2

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#44

2,4,5-Trichlorophenol

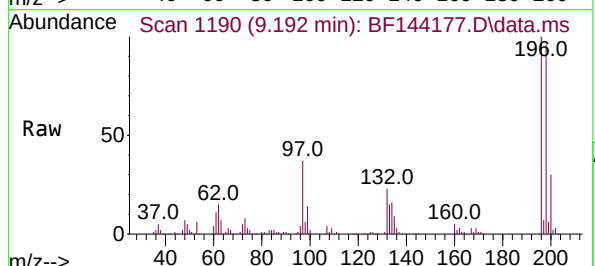
Concen: 35.179 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21



Tgt Ion:196 Resp: 121621

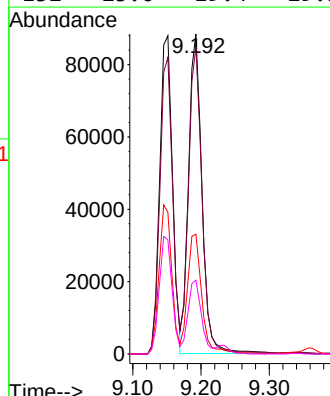
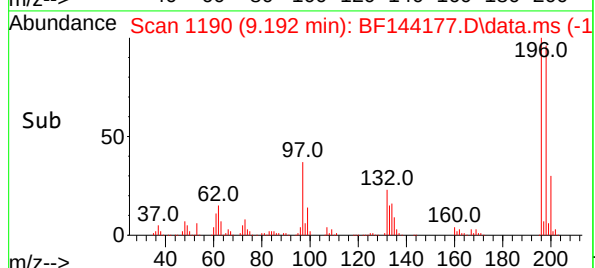
Ion Ratio Lower Upper

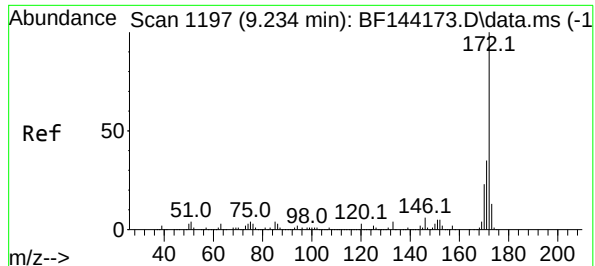
196 100

198 95.9 76.1 114.1

97 37.4 31.9 47.9

132 23.0 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 69.741 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:172 Resp: 679055

Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

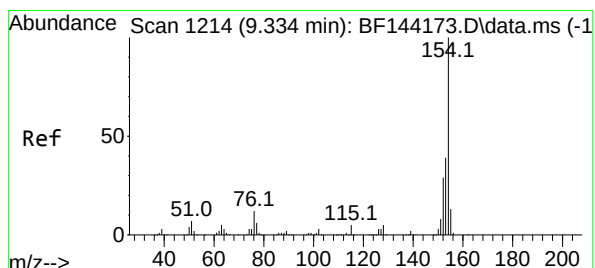
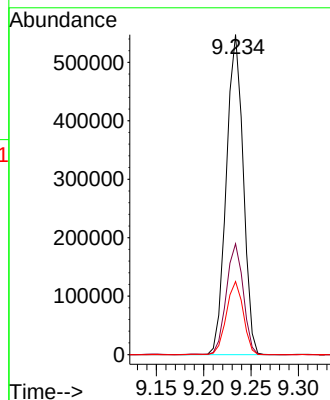
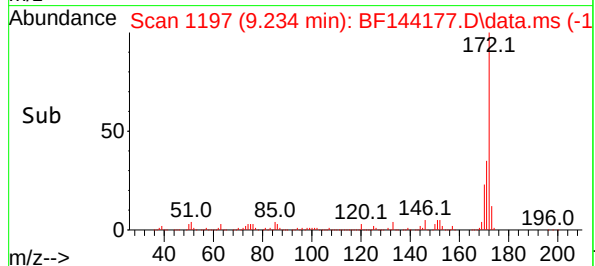
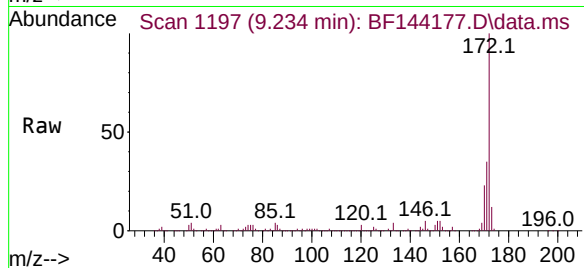
170 22.8 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#46

1,1'-Biphenyl

Concen: 36.526 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

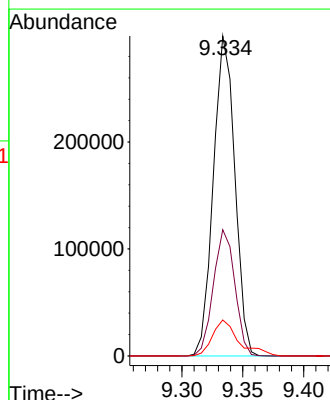
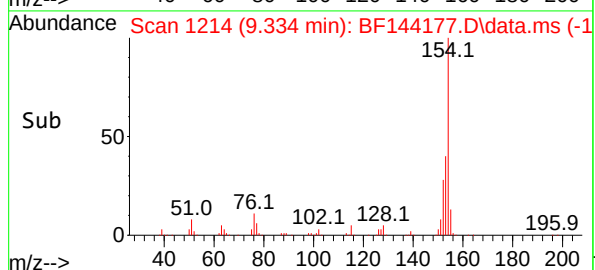
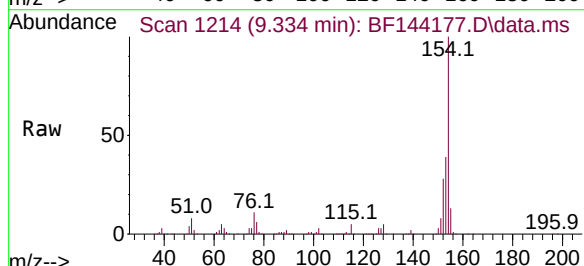
Tgt Ion:154 Resp: 366655

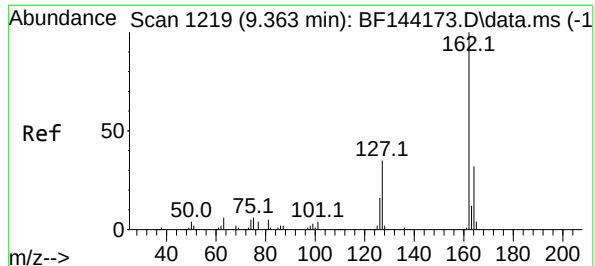
Ion Ratio Lower Upper

154 100

153 39.5 19.2 59.2

76 11.2 0.0 31.8





#47

2-Chloronaphthalene

Concen: 35.092 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:162 Resp: 30048

Ion Ratio Lower Upper

162 100

127 35.5 28.8 43.2

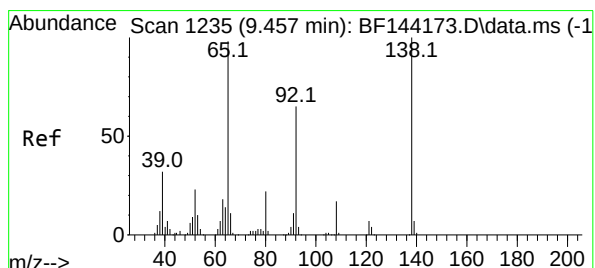
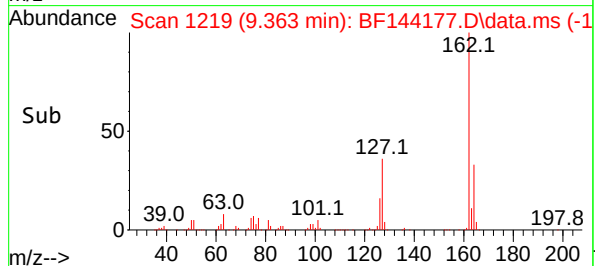
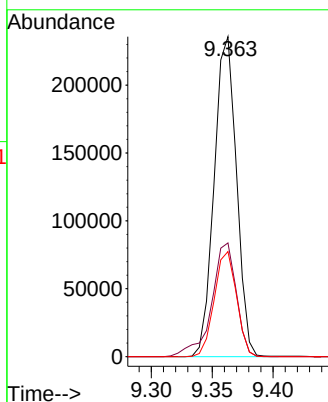
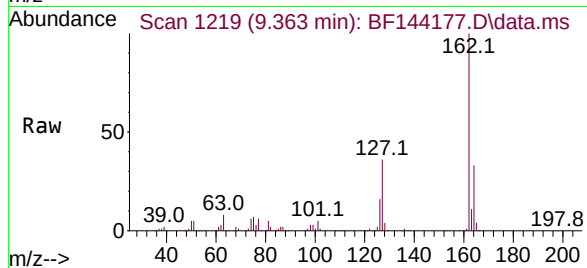
164 32.8 25.8 38.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#48

2-Nitroaniline

Concen: 35.641 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

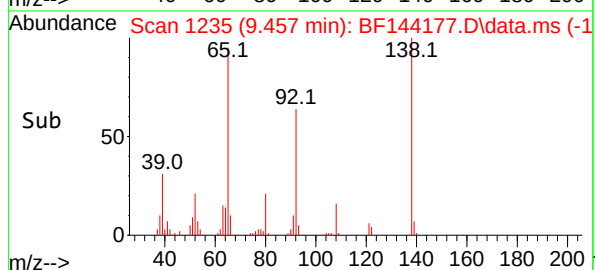
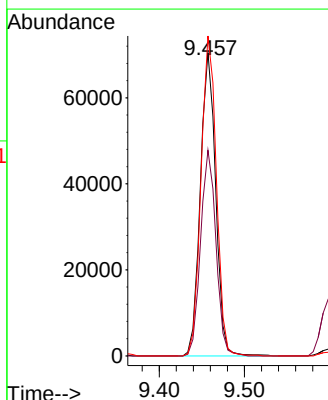
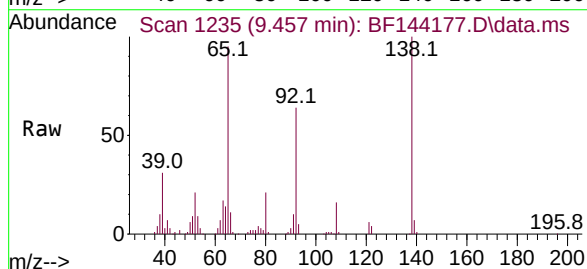
Tgt Ion: 65 Resp: 88055

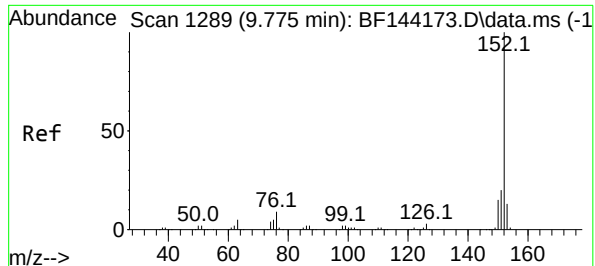
Ion Ratio Lower Upper

65 100

92 67.8 53.0 79.6

138 105.5 81.6 122.4





#49

Acenaphthylene

Concen: 39.818 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:152 Resp: 464616

Ion Ratio Lower Upper

152 100

151 19.3 15.9 23.9

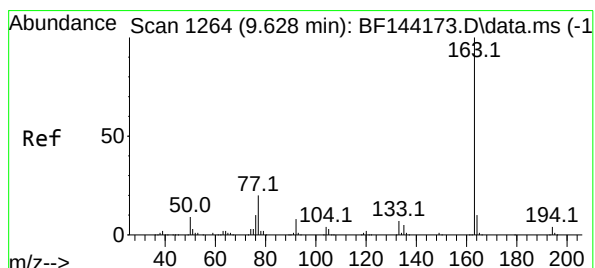
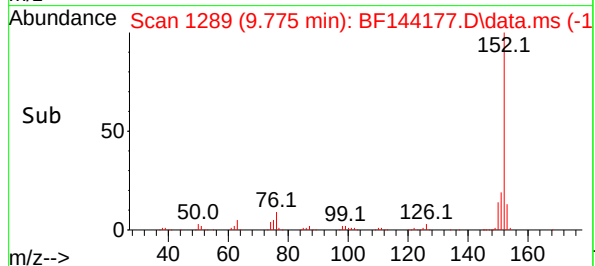
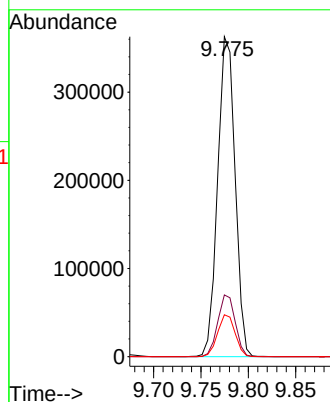
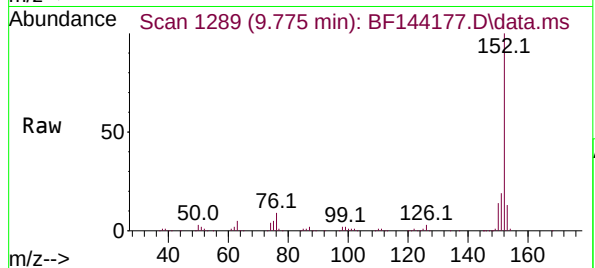
153 13.1 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#50

Dimethylphthalate

Concen: 35.076 ng

RT: 9.634 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

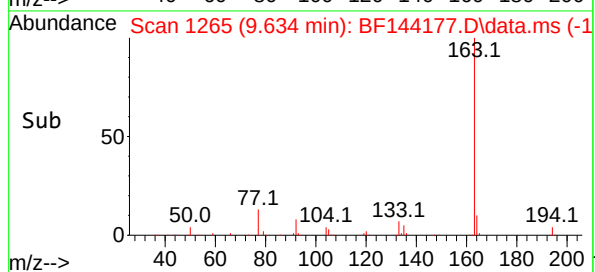
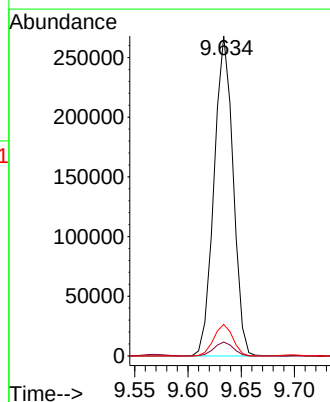
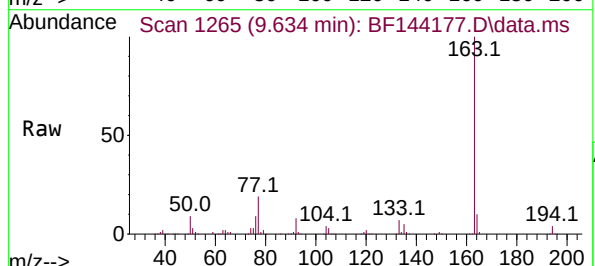
Tgt Ion:163 Resp: 334163

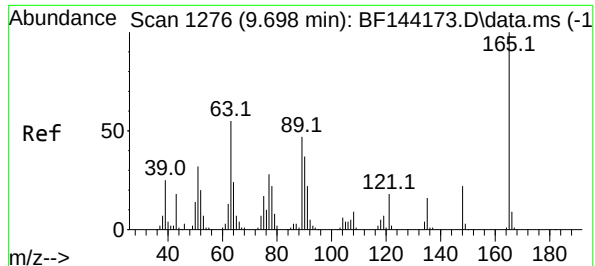
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.8 8.1 12.1





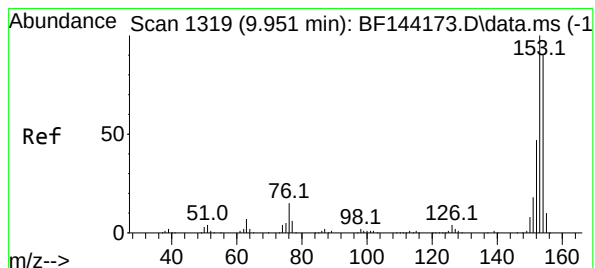
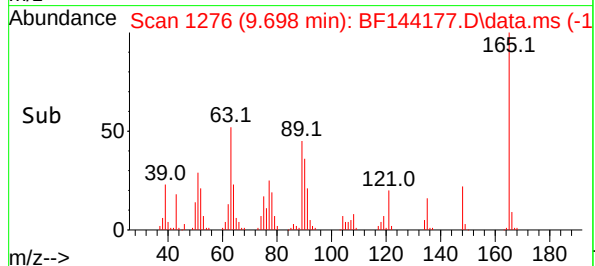
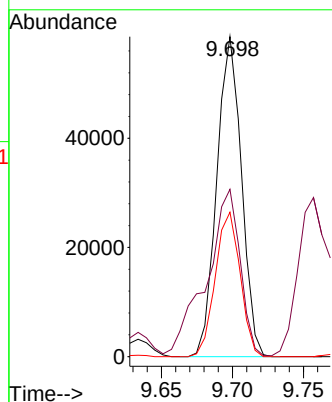
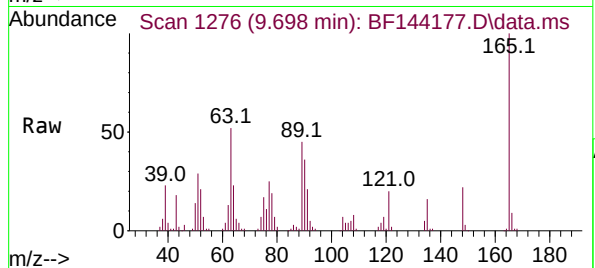
#51
2,6-Dinitrotoluene
Concen: 36.758 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
Client Sample Id :
ICVBF110525

Tgt Ion:165 Resp: 70890
Ion Ratio Lower Upper
165 100
63 52.3 43.8 65.8
89 45.1 37.5 56.3

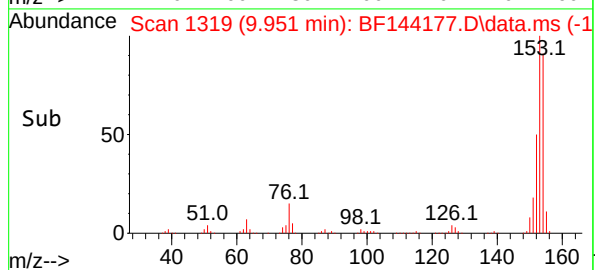
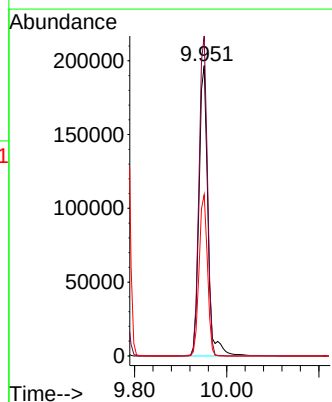
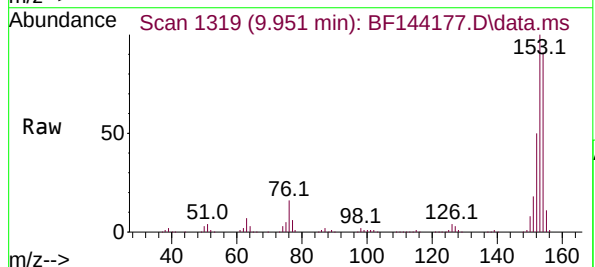
Manual Integrations
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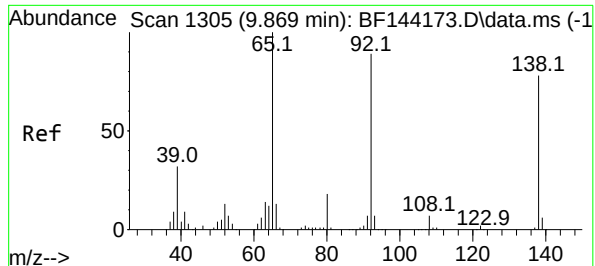
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#52
Acenaphthene
Concen: 33.702 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:154 Resp: 262974
Ion Ratio Lower Upper
154 100
153 110.2 89.0 133.4
152 55.5 42.2 63.4





#53

3-Nitroaniline

Concen: 35.372 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

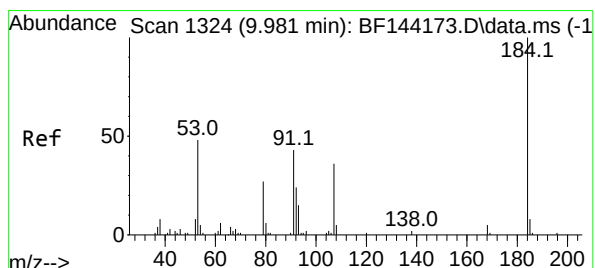
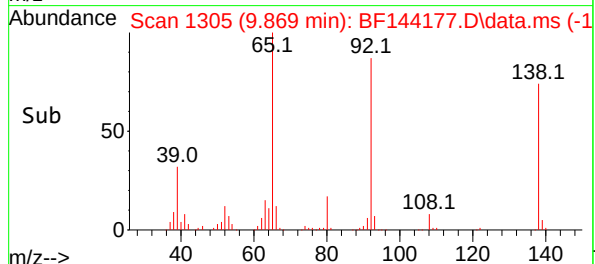
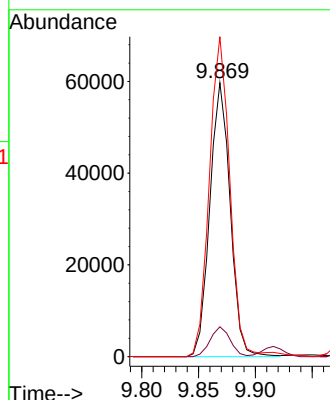
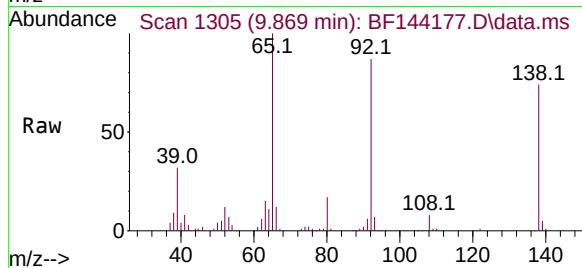
ICVBF110525

Tgt Ion:138	Resp:	74572
Ion Ratio	Lower	Upper
138	100	
108	10.9	7.5 11.3
92	116.8	91.8 137.6

Manual Integrations

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



#54

2,4-Dinitrophenol

Concen: 28.732 ng

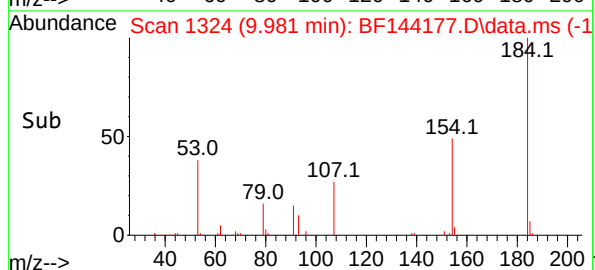
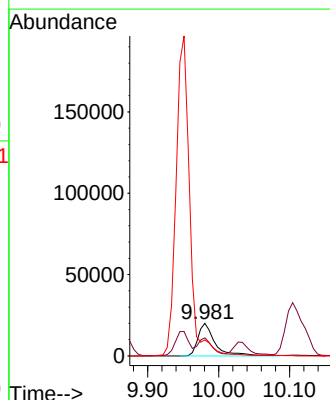
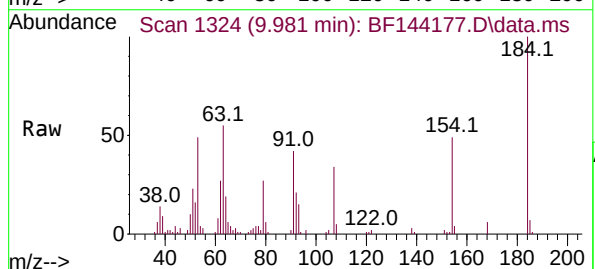
RT: 9.981 min Scan# 1324

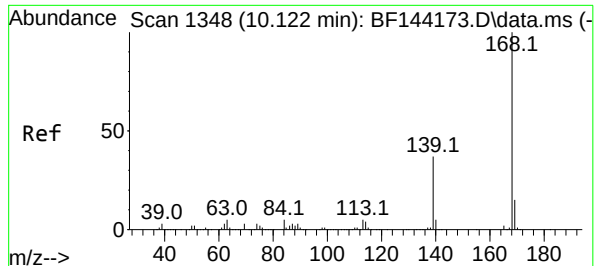
Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:184	Resp:	33460
Ion Ratio	Lower	Upper
184	100	
63	55.3	44.0 66.0
154	48.9	42.4 63.6





#55

Dibenzofuran

Concen: 35.602 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:168 Resp: 389072

Ion Ratio Lower Upper

168 100

139 37.1 30.2 45.2

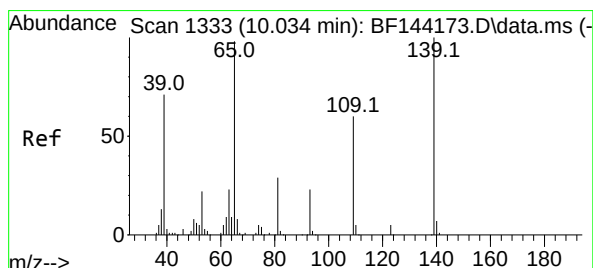
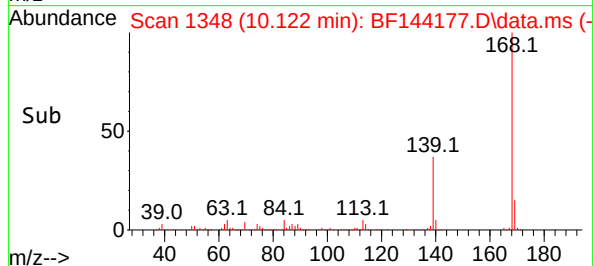
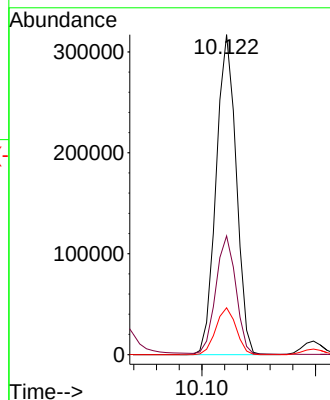
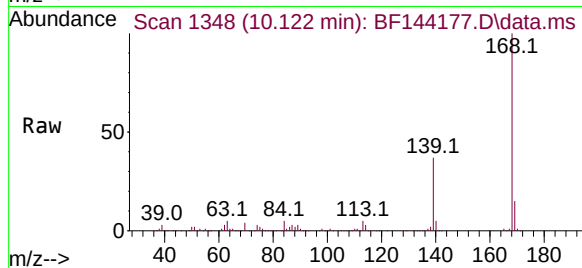
169 14.6 12.2 18.4

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#56

4-Nitrophenol

Concen: 30.929 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

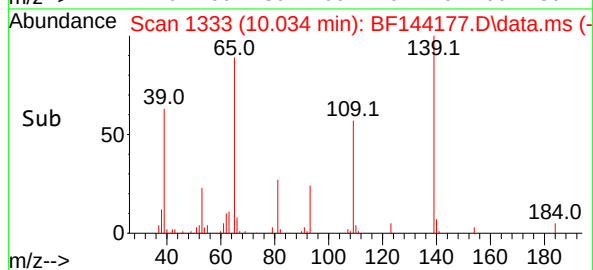
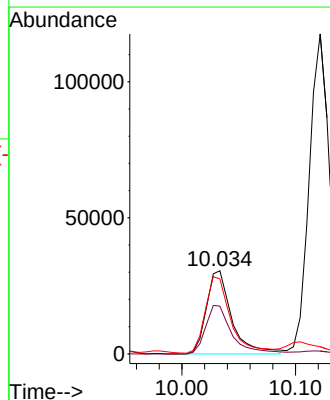
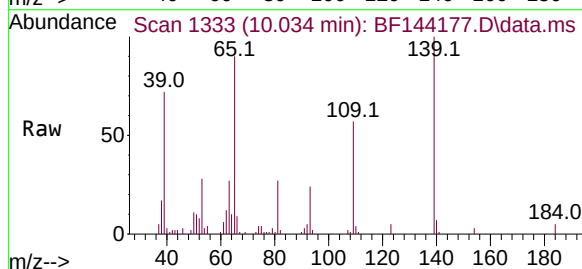
Tgt Ion:139 Resp: 47167

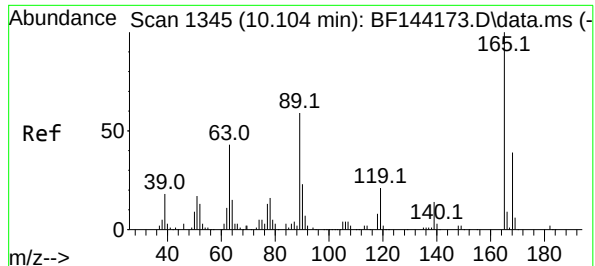
Ion Ratio Lower Upper

139 100

109 57.5 39.9 79.9

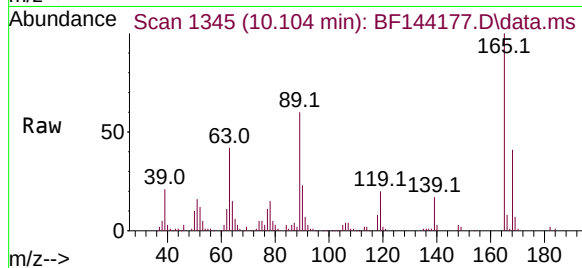
65 90.2 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 35.994 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

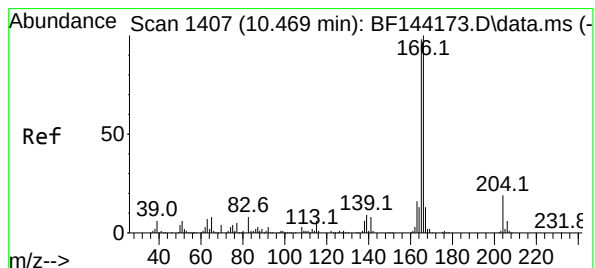
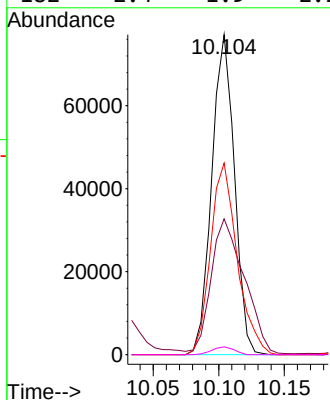
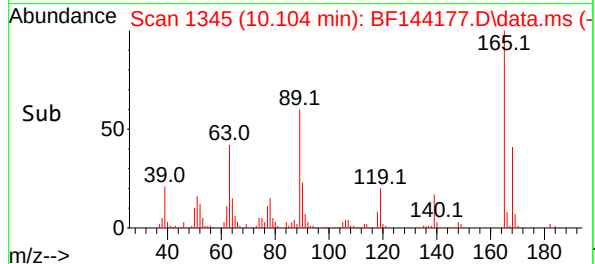
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



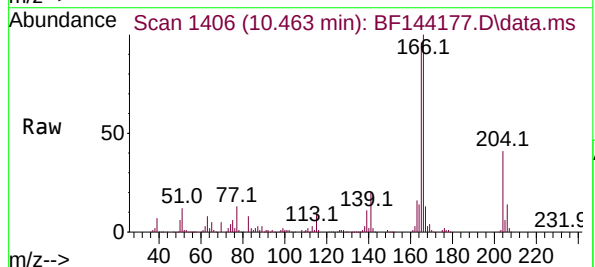
Tgt Ion:165 Resp: 92928
Ion Ratio Lower Upper
165 100
63 42.4 35.5 53.3
89 59.9 47.4 71.2
182 2.4 1.9 2.9

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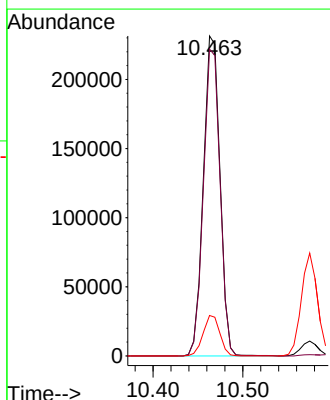
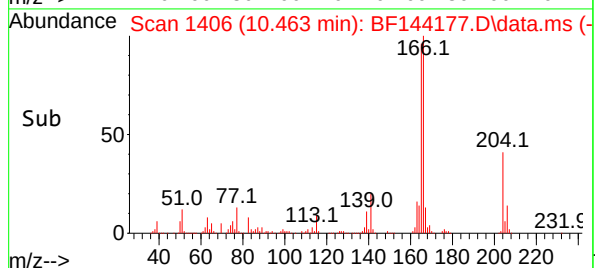
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

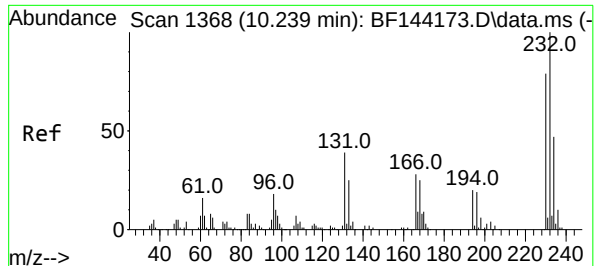


#58
Fluorene
Concen: 35.903 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:166 Resp: 298316
Ion Ratio Lower Upper
166 100
165 95.9 78.6 118.0
167 12.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.425 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

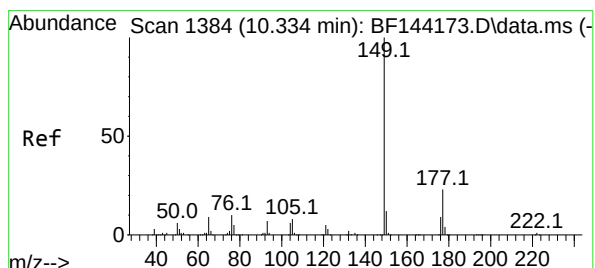
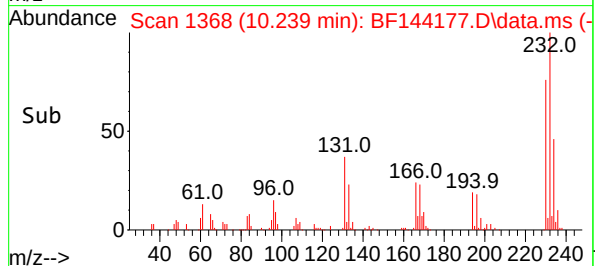
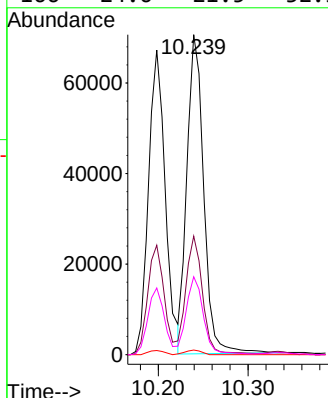
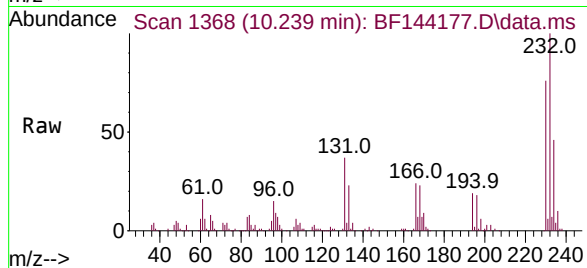
ICVBF110525

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.7	30.3	45.5
130	1.4	1.2	1.8
166	24.6	21.5	32.3

Manual Integrations

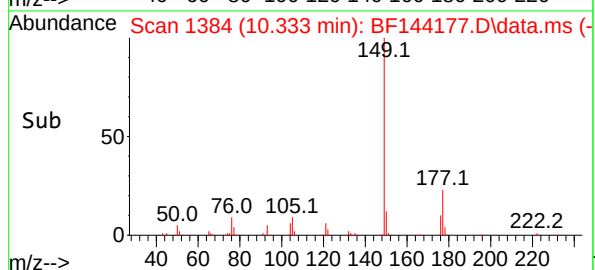
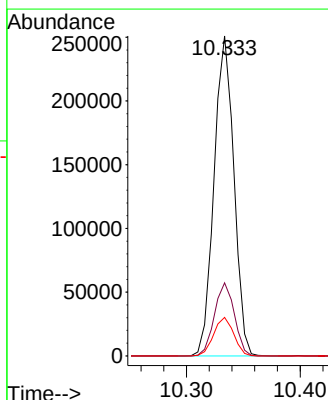
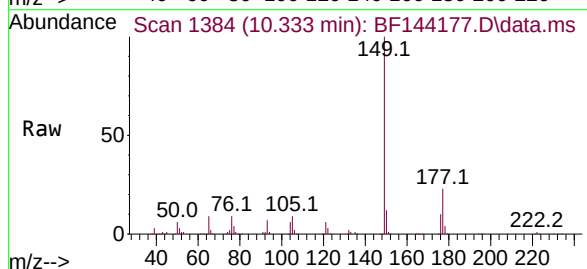
APPROVED

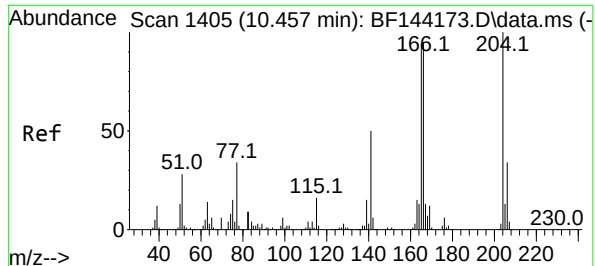
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#60
Diethylphthalate
Concen: 34.646 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

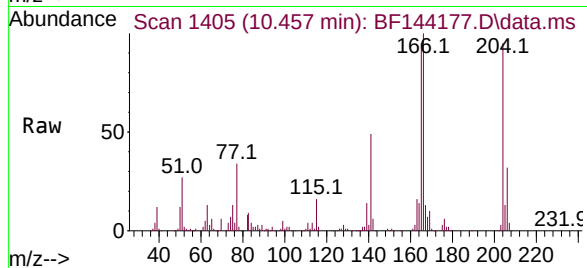
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	12.0	9.8	14.6





#61
4-Chlorophenyl-phenylether
Concen: 35.002 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

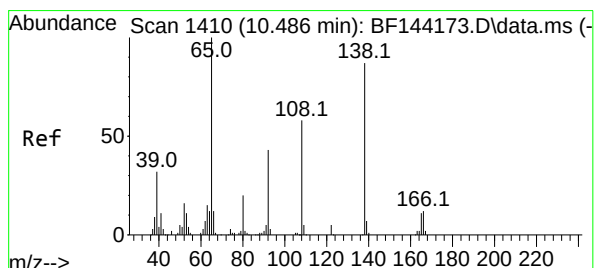
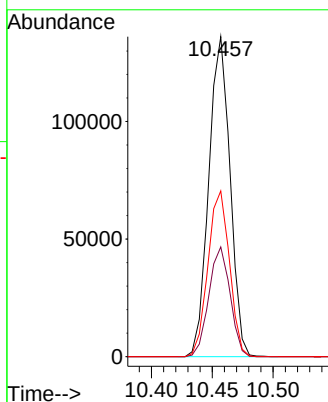
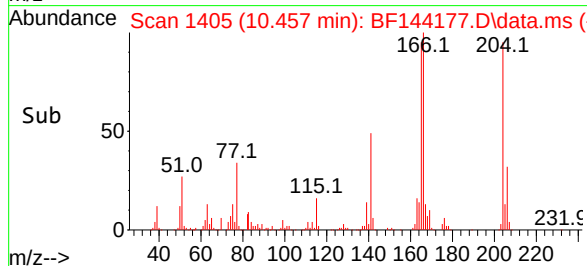
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:204 Resp: 165662
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 51.8 40.0 60.0

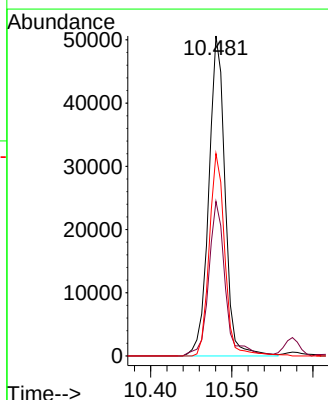
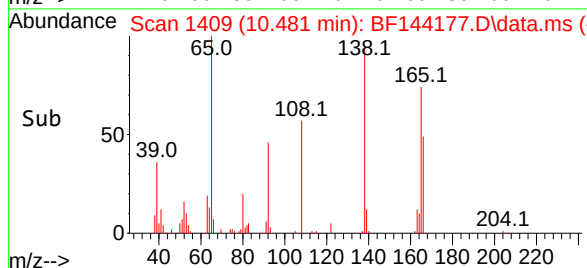
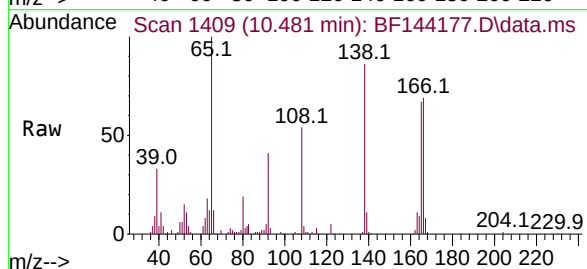
Manual Integrations
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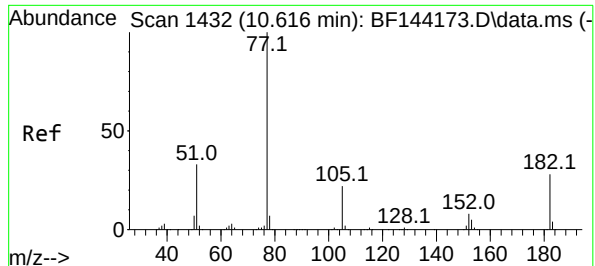
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#62
4-Nitroaniline
Concen: 35.278 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

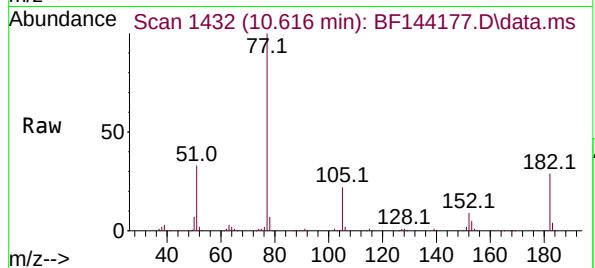
Tgt Ion:138 Resp: 70828
Ion Ratio Lower Upper
138 100
92 48.3 29.4 69.4
108 63.2 46.4 86.4





#63
Azobenzene
Concen: 35.958 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

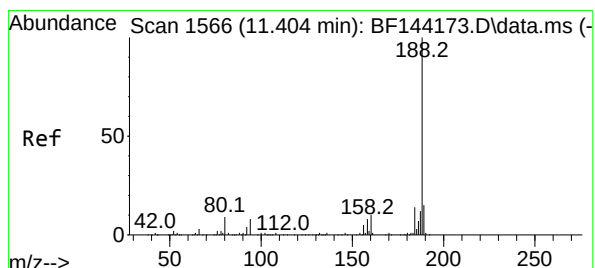
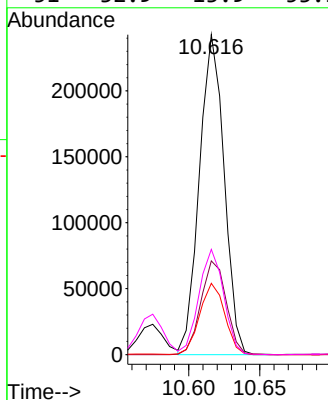
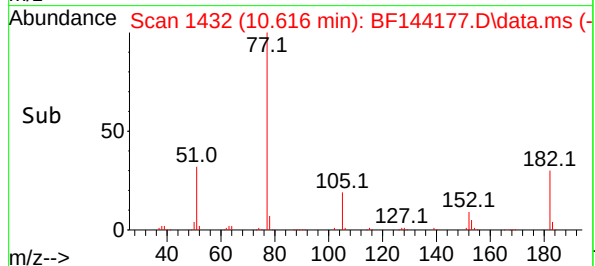
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion: 77 Resp: 293901
Ion Ratio Lower Upper
77 100
182 29.3 8.1 48.1
105 22.3 2.0 42.0
51 32.9 13.9 53.9

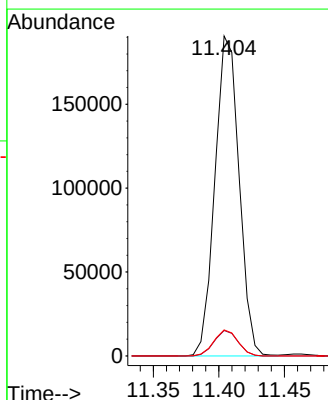
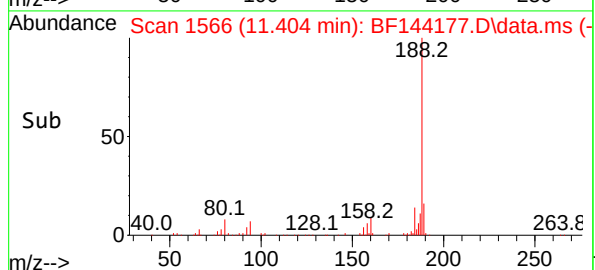
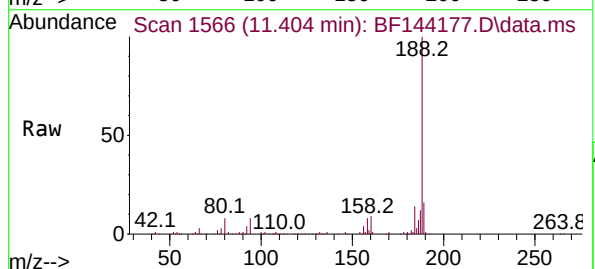
Manual Integrations
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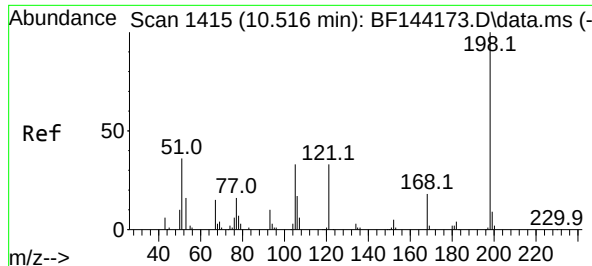
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

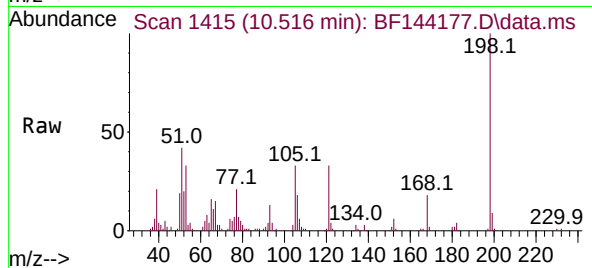
Tgt Ion:188 Resp: 244964
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 8.1 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 31.346 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

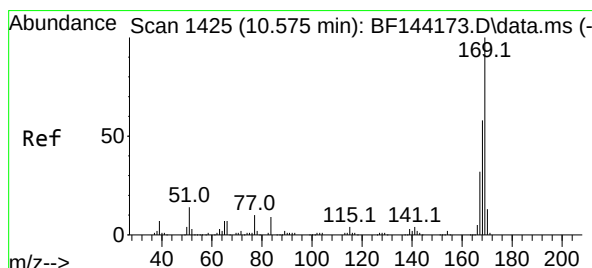
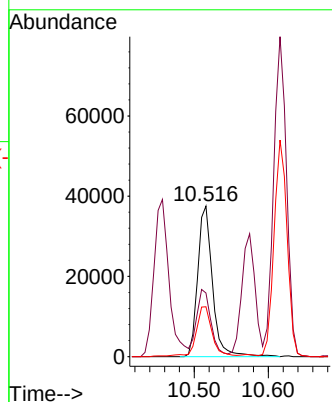
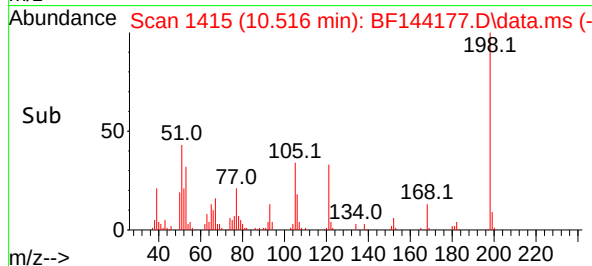
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:198 Resp: 52164
Ion Ratio Lower Upper
198 100
51 42.3 25.6 65.6
105 33.1 14.6 54.6

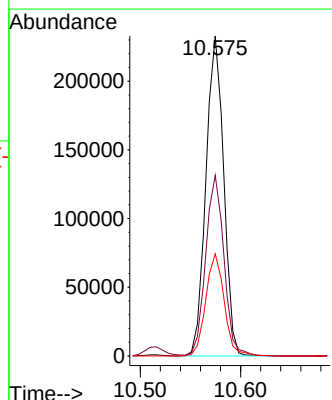
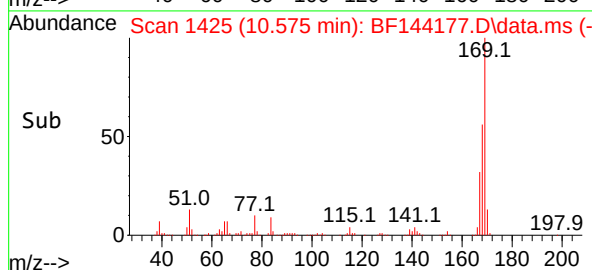
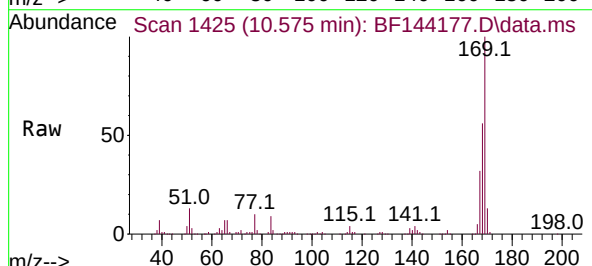
Manual Integrations
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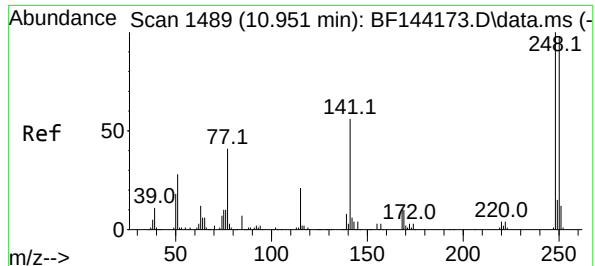
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#66
n-Nitrosodiphenylamine
Concen: 36.292 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

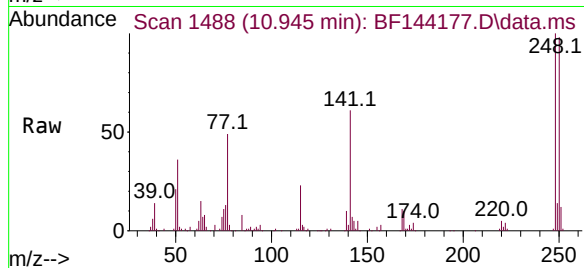
Tgt Ion:169 Resp: 285930
Ion Ratio Lower Upper
169 100
168 56.4 46.2 69.2
167 31.9 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 34.135 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

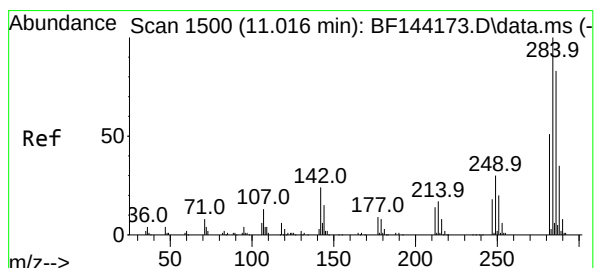
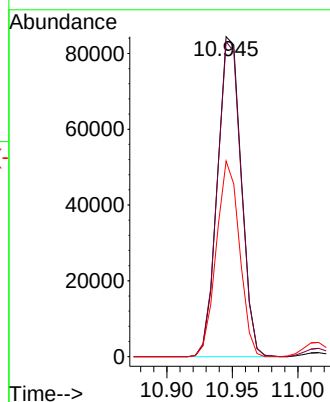
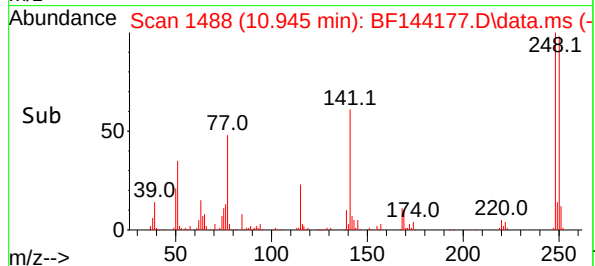
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:248 Resp: 106730
Ion Ratio Lower Upper
248 100
250 98.4 78.4 117.6
141 61.1 45.1 67.7

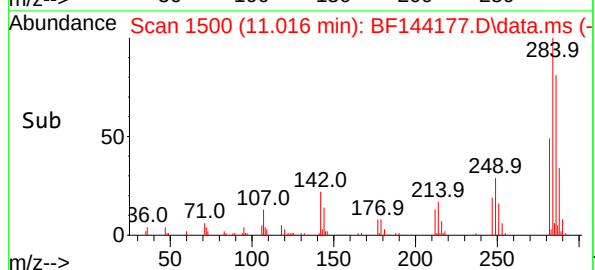
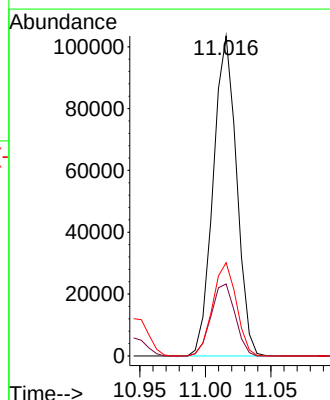
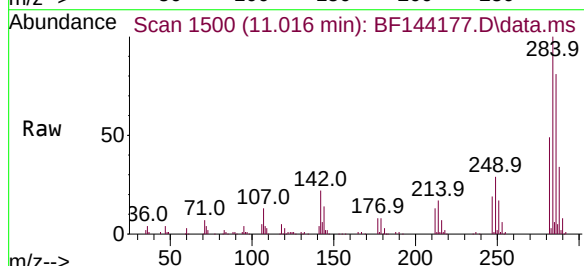
Manual Integrations
APPROVED

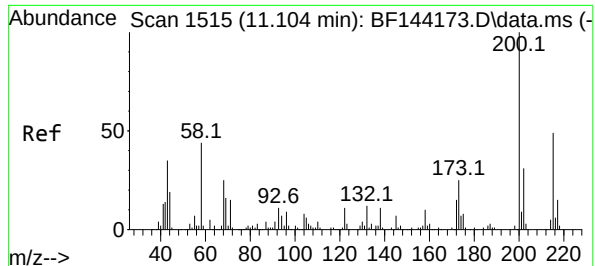
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#68
Hexachlorobenzene
Concen: 34.810 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:284 Resp: 128202
Ion Ratio Lower Upper
284 100
142 22.5 19.2 28.8
249 29.1 23.8 35.8





#69

Atrazine

Concen: 36.790 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:200 Resp: 92182

Ion Ratio Lower Upper

200 100

173 27.7 5.0 45.0

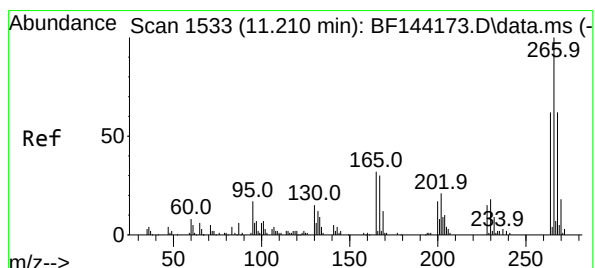
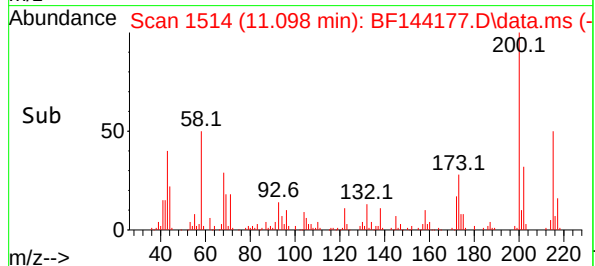
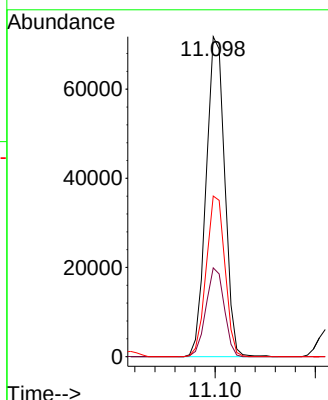
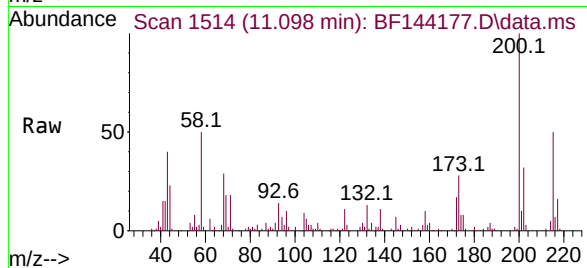
215 50.2 28.7 68.7

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#70

Pentachlorophenol

Concen: 32.706 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

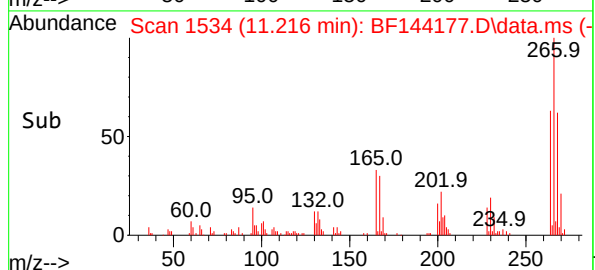
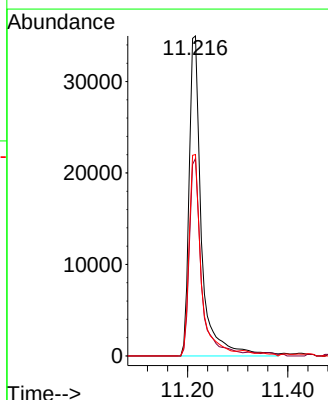
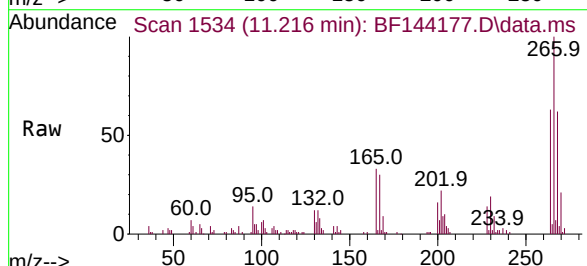
Tgt Ion:266 Resp: 59981

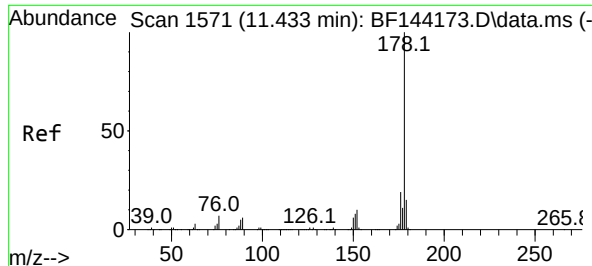
Ion Ratio Lower Upper

266 100

268 61.7 49.5 74.3

264 62.9 49.4 74.2





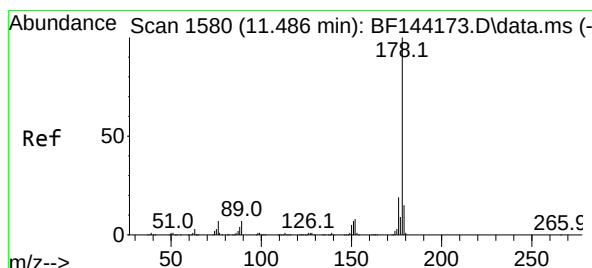
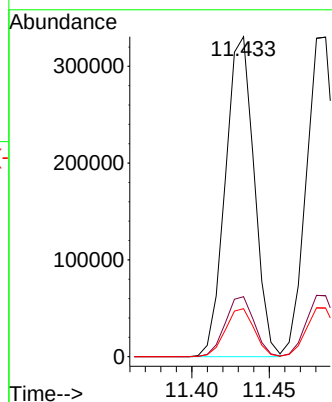
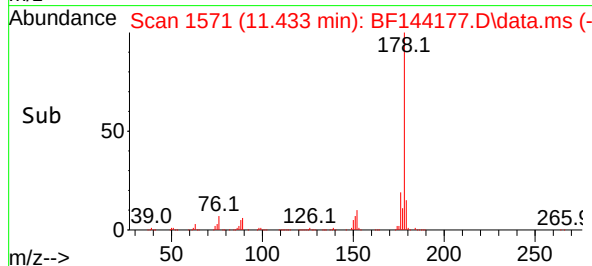
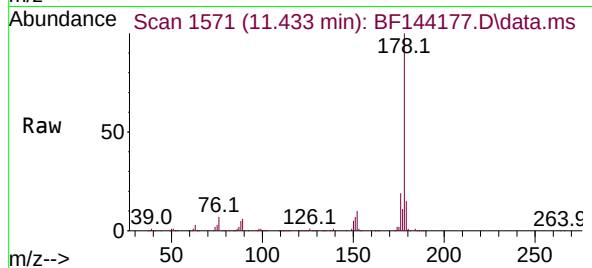
#71
Phenanthrene
Concen: 35.049 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion:178 Resp: 427466
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.0 12.2 18.4

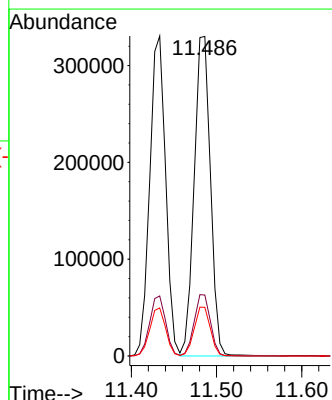
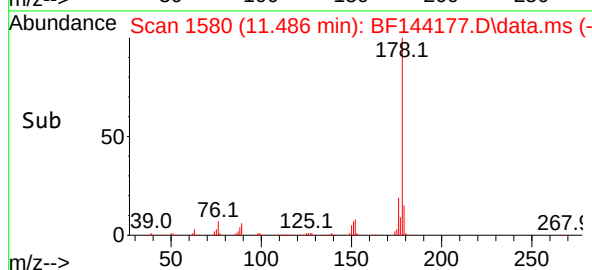
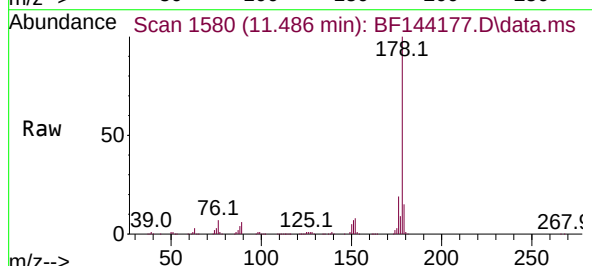
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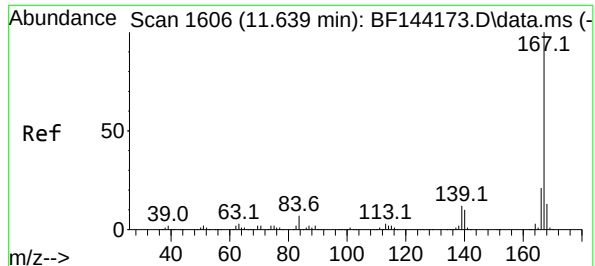
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#72
Anthracene
Concen: 35.286 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

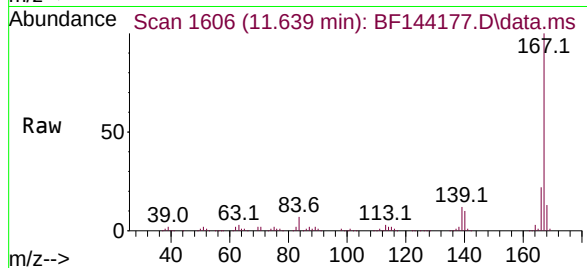
Tgt Ion:178 Resp: 437609
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 12.0 18.0





#73
Carbazole
Concen: 34.224 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

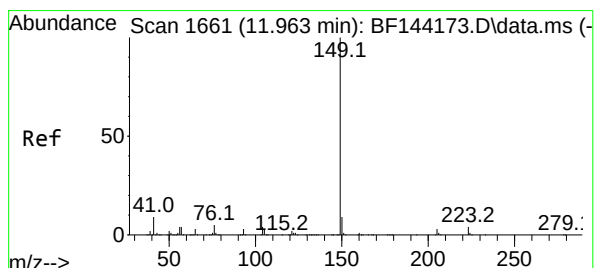
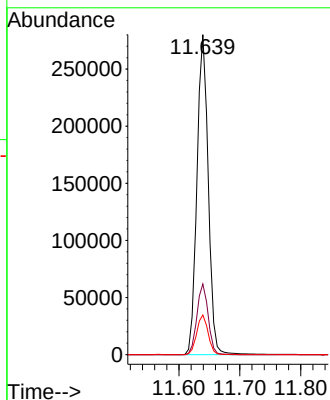
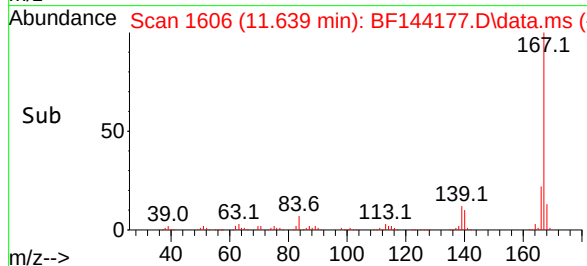
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:167 Resp: 360909
Ion Ratio Lower Upper
167 100
166 22.1 17.2 25.8
139 12.4 9.9 14.9

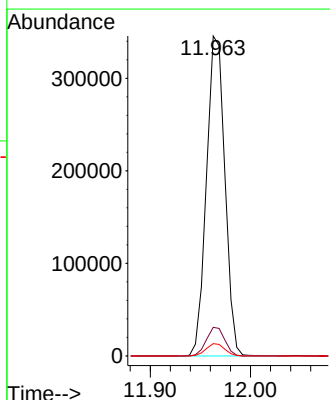
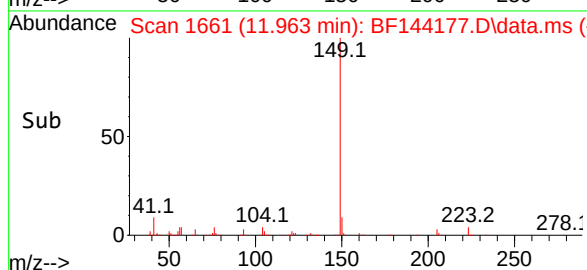
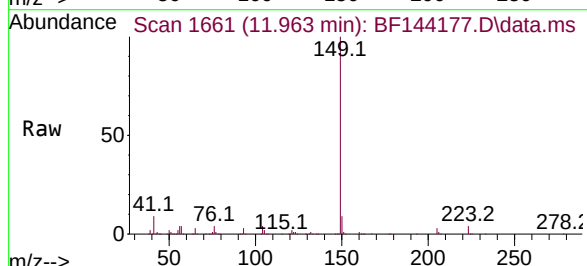
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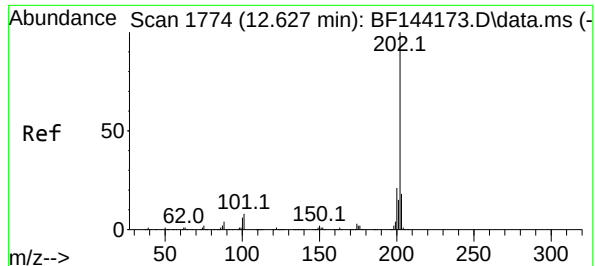
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#74
Di-n-butylphthalate
Concen: 34.535 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:149 Resp: 440261
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 3.8 3.4 5.2





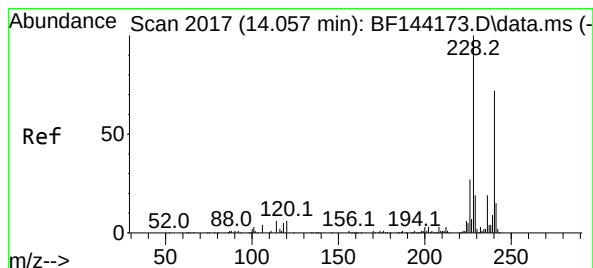
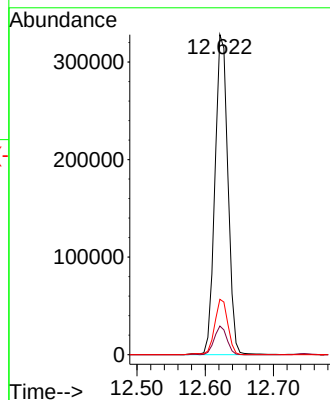
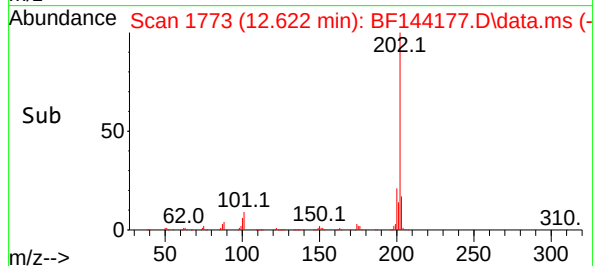
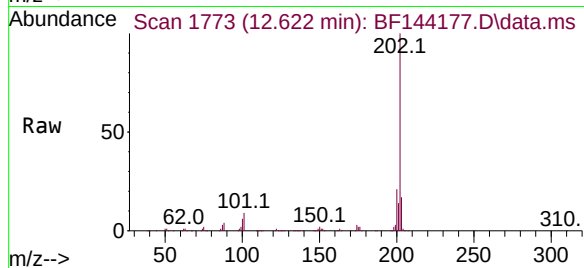
#75
Fluoranthene
Concen: 34.338 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion:202 Resp: 432624
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.9
203 17.3 0.0 37.5

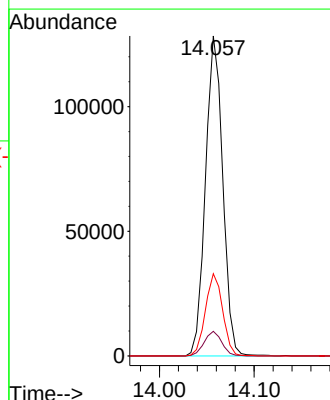
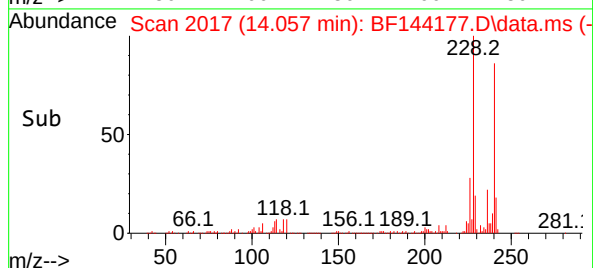
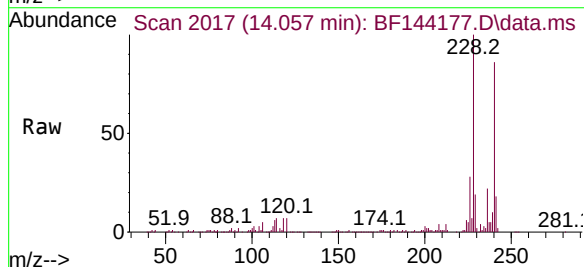
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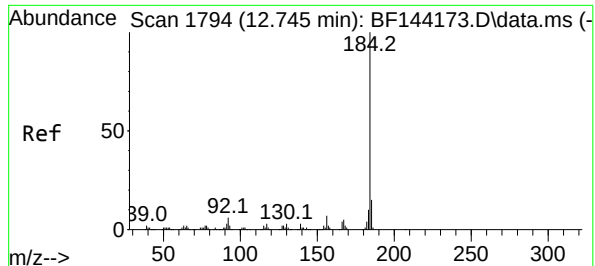
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:240 Resp: 162721
Ion Ratio Lower Upper
240 100
120 7.7 6.6 10.0
236 25.7 21.4 32.2





#77

Benzidine

Concen: 45.165 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:184 Resp: 217389

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

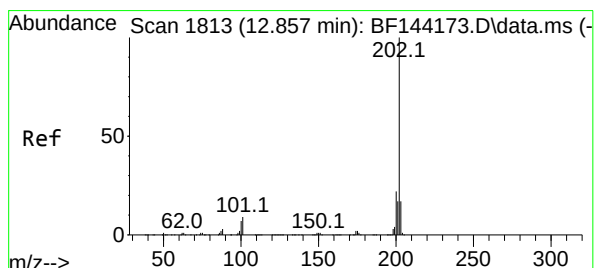
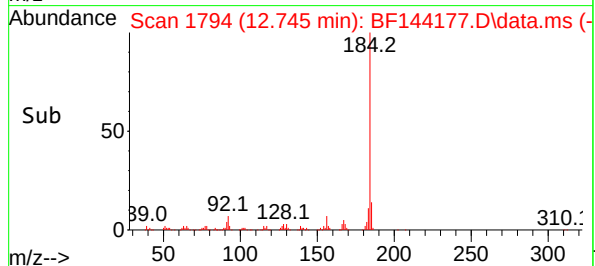
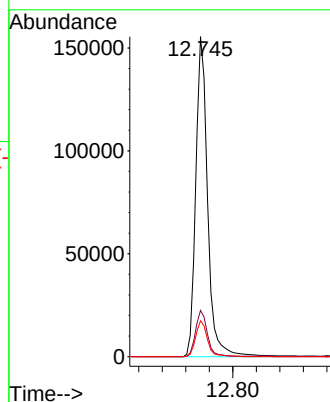
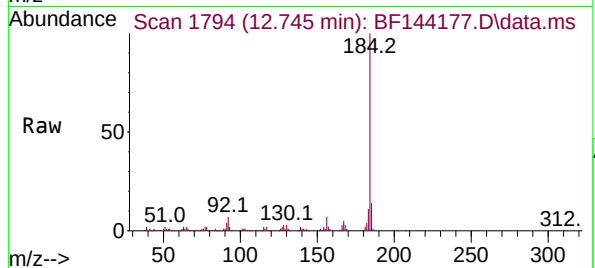
183 11.2 8.3 12.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#78

Pyrene

Concen: 33.011 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

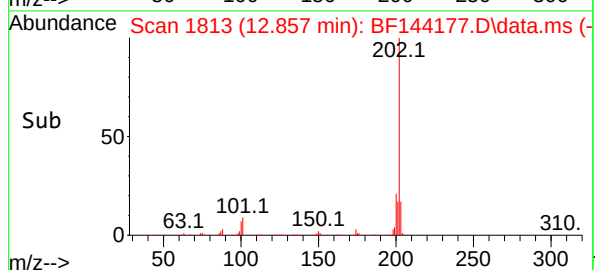
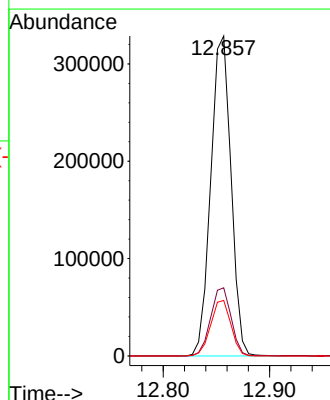
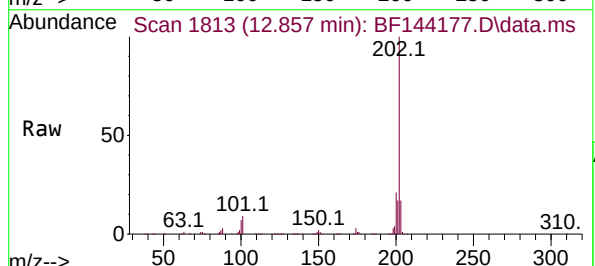
Tgt Ion:202 Resp: 433110

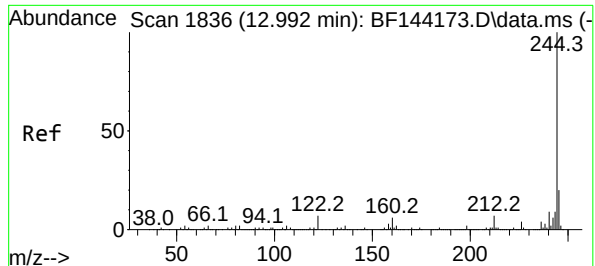
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

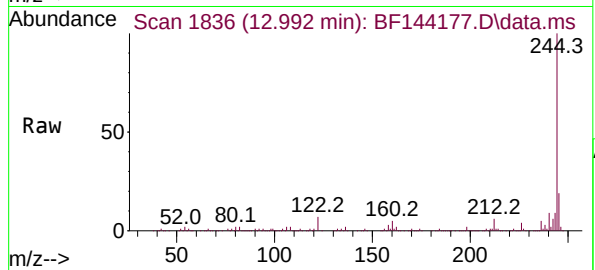
203 17.3 13.7 20.5





#79
Terphenyl-d14
Concen: 67.318 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

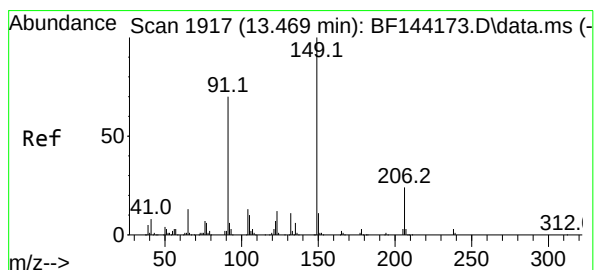
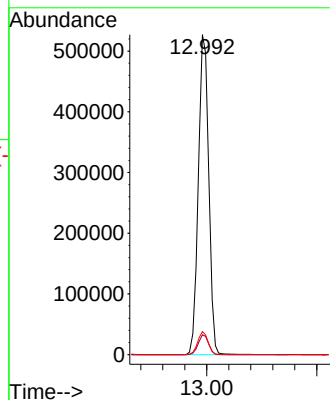
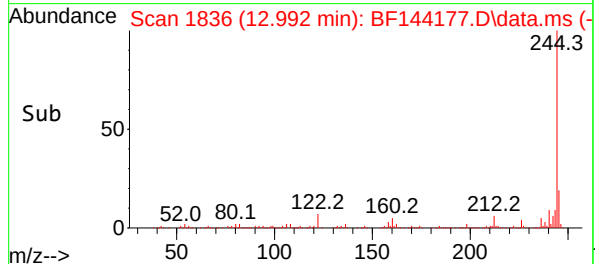
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:244 Resp: 689624
Ion Ratio Lower Upper
244 100
212 6.2 5.3 7.9
122 7.2 5.6 8.4

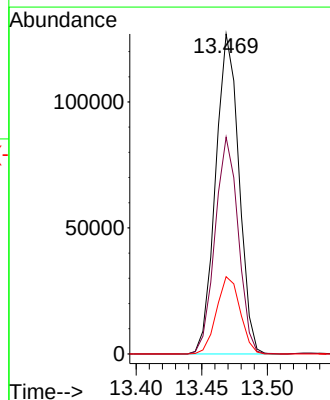
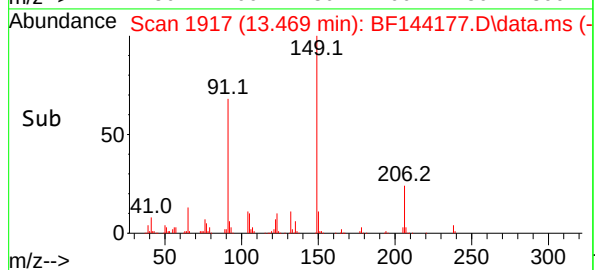
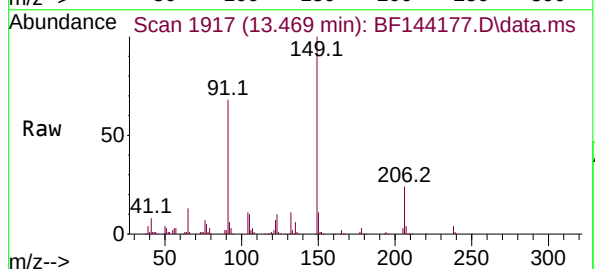
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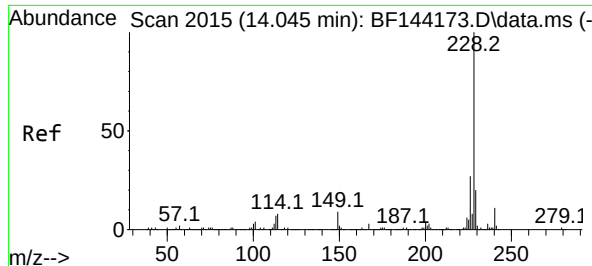
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#80
Butylbenzylphthalate
Concen: 34.633 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:149 Resp: 157485
Ion Ratio Lower Upper
149 100
91 67.7 56.1 84.1
206 24.1 18.8 28.2





#81

Benzo(a)anthracene

Concen: 33.489 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144177.D

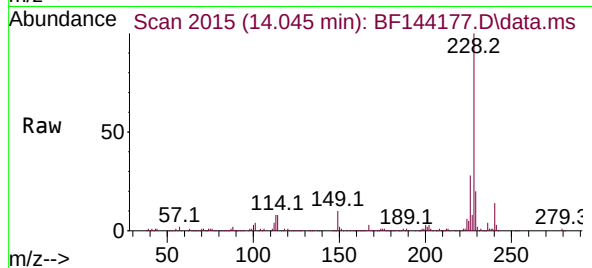
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:228 Resp: 377686

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

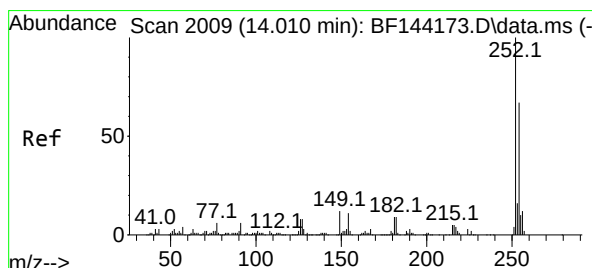
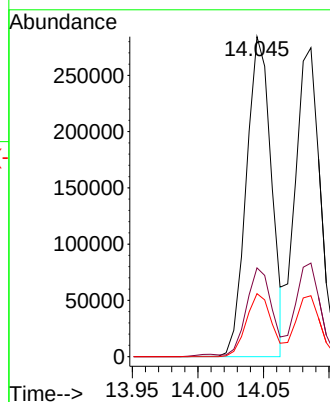
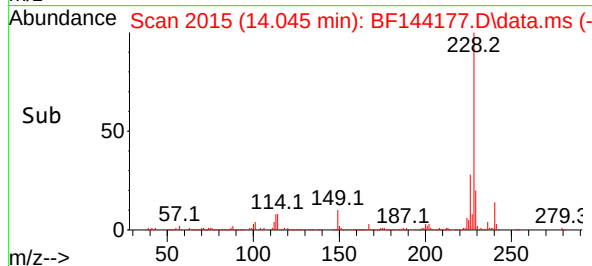
229 19.7 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 39.612 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

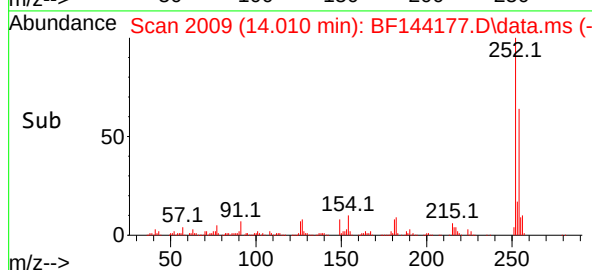
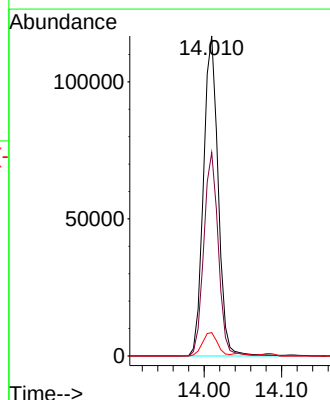
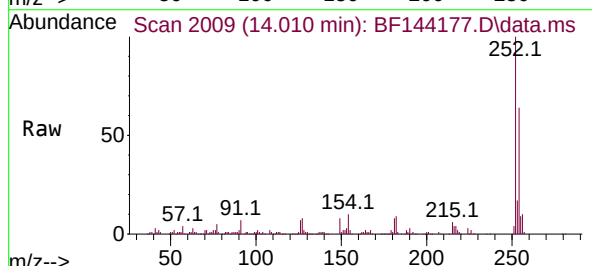
Tgt Ion:252 Resp: 153129

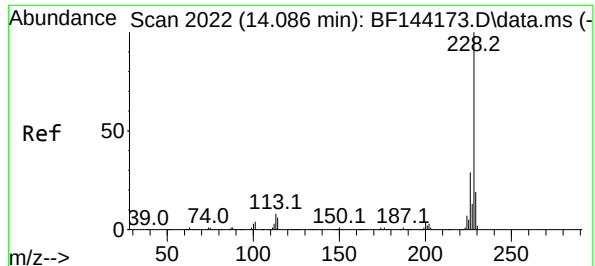
Ion Ratio Lower Upper

252 100

254 63.6 53.5 80.3

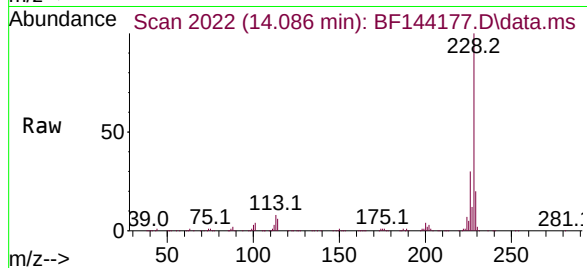
126 7.3 6.4 9.6





#83
Chrysene
Concen: 34.559 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

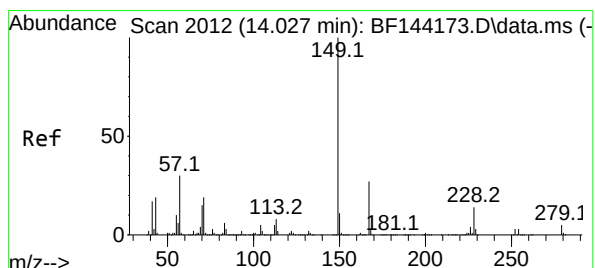
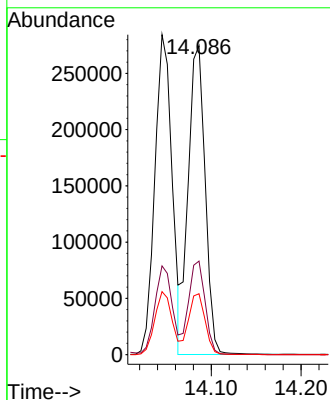
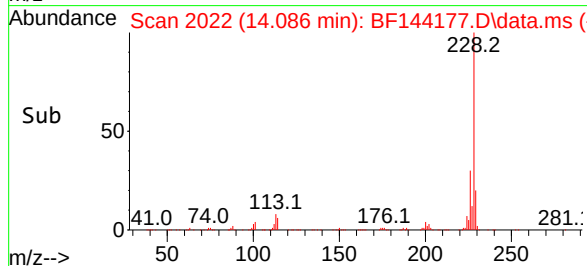
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



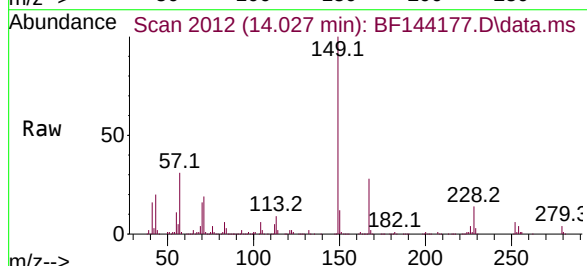
Tgt Ion:228 Resp: 359786
Ion Ratio Lower Upper
228 100
226 30.3 22.9 34.3
229 19.7 15.0 22.6

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APPROVED

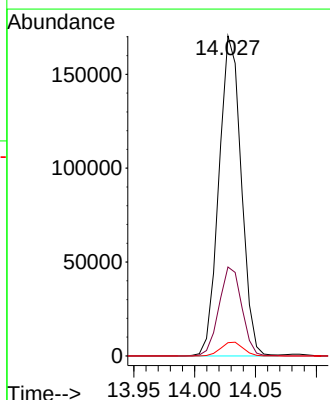
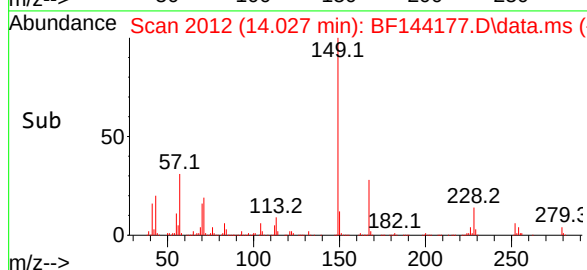
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

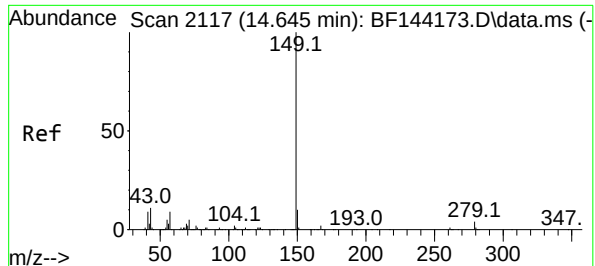


#84
Bis(2-ethylhexyl)phthalate
Concen: 34.880 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



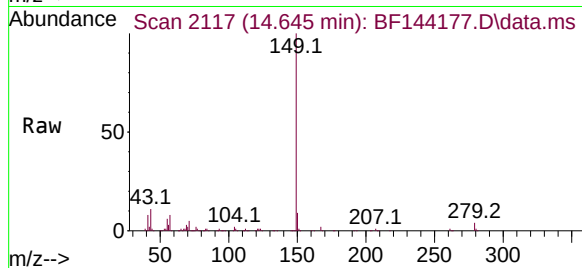
Tgt Ion:149 Resp: 217122
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.8
279 4.1 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 35.142 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

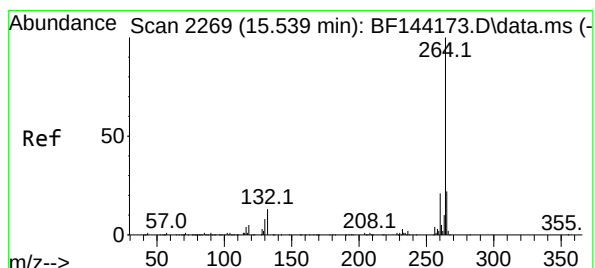
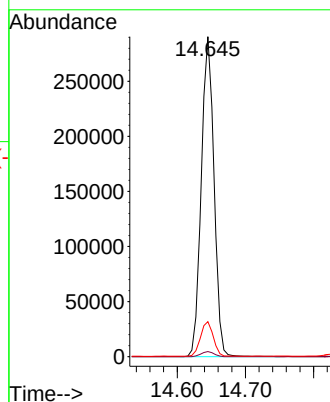
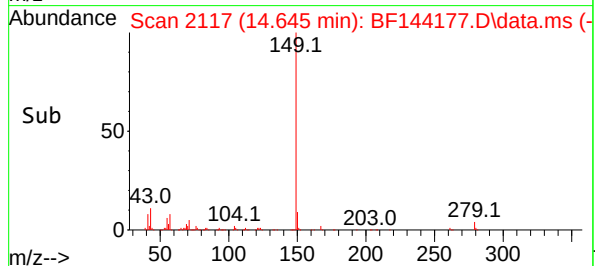
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:149 Resp: 377429
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.0 13.4

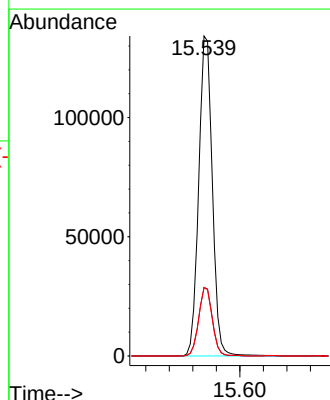
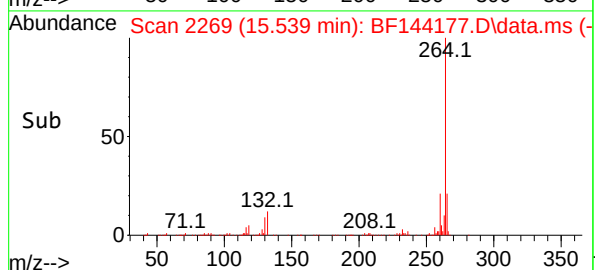
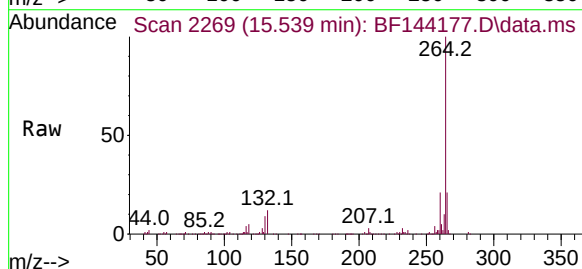
Manual Integrations
APPROVED

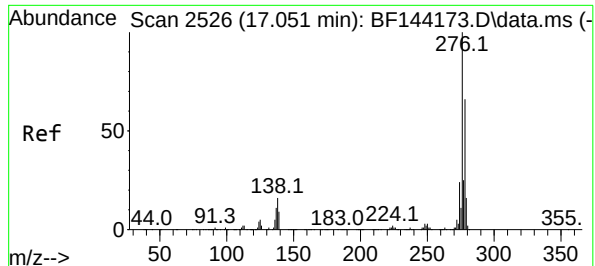
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:264 Resp: 215110
Ion Ratio Lower Upper
264 100
260 21.4 17.1 25.7
265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.019 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:276 Resp: 525298

Ion Ratio Lower Upper

276 100

138 17.7 13.9 20.9

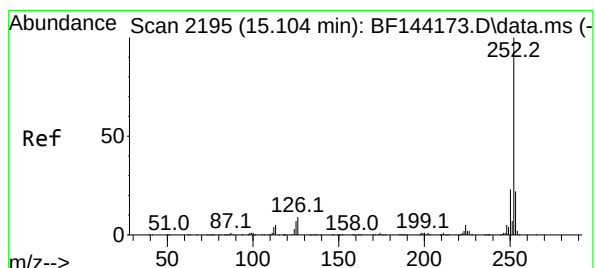
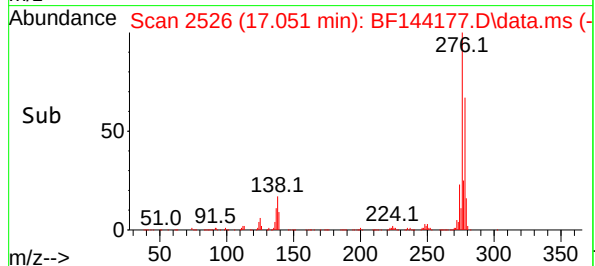
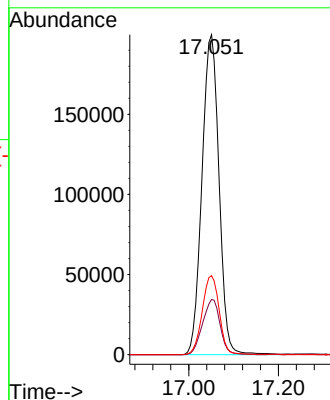
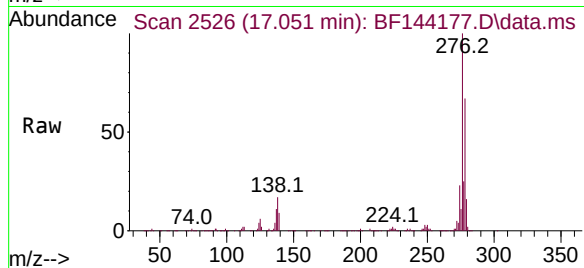
277 24.6 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#88

Benzo(b)fluoranthene

Concen: 35.021 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

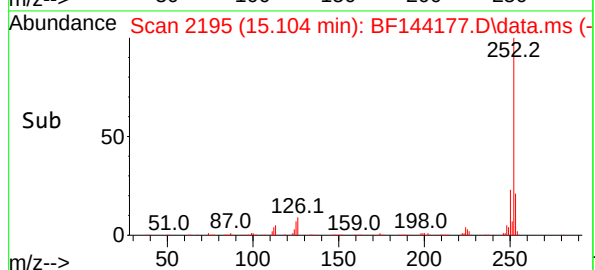
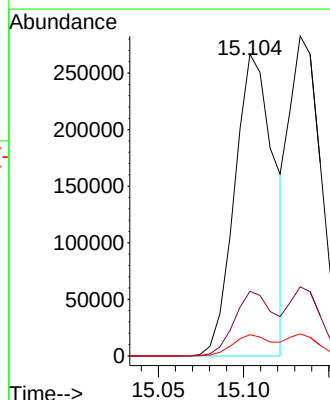
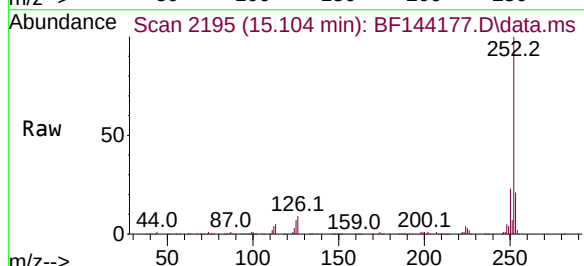
Tgt Ion:252 Resp: 428292

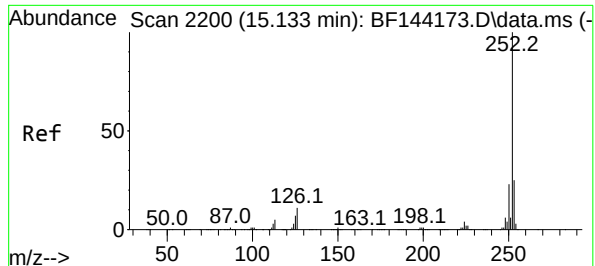
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 7.0 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 32.431 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

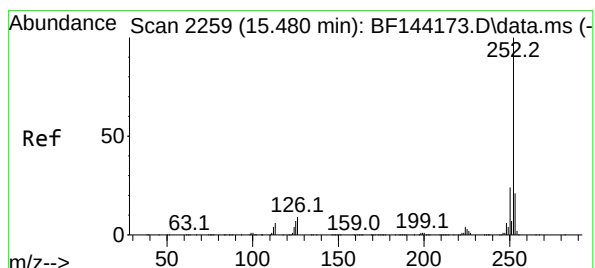
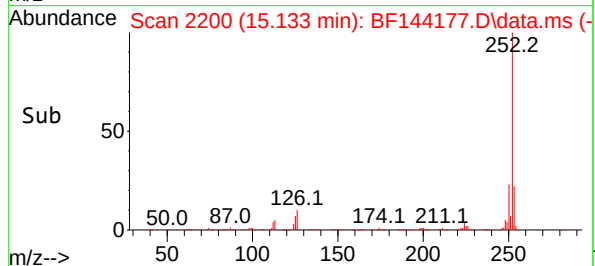
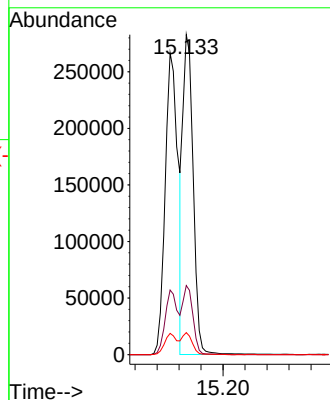
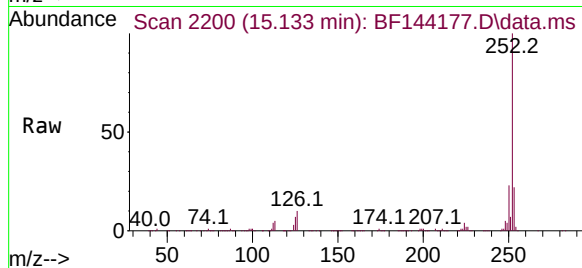
ICVBF110525

Tgt Ion:252 Resp: 371234
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 6.9 5.4 8.2

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 35.415 ng

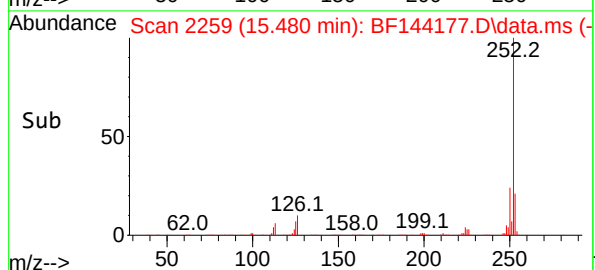
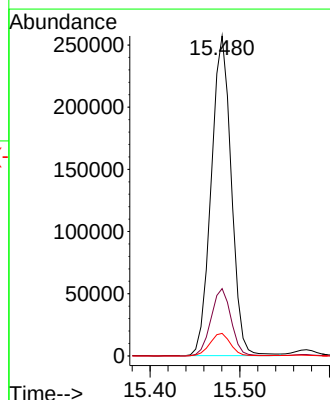
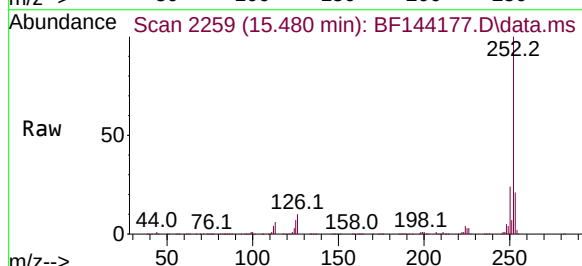
RT: 15.480 min Scan# 2259

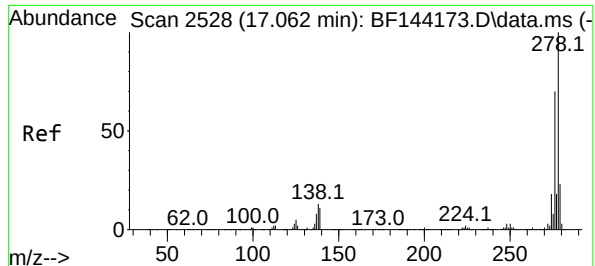
Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:252 Resp: 399556
Ion Ratio Lower Upper
252 100
253 21.0 16.7 25.1
125 7.0 5.7 8.5





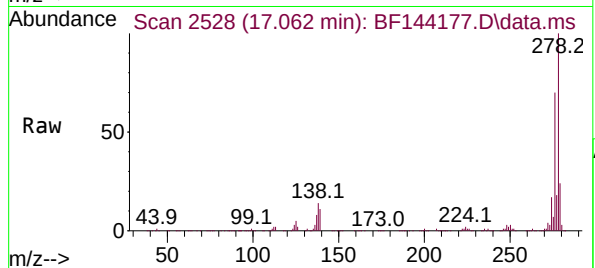
#91
Dibenzo(a,h)anthracene
Concen: 34.126 ng
RT: 17.062 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



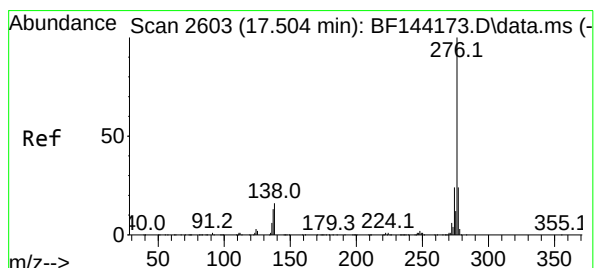
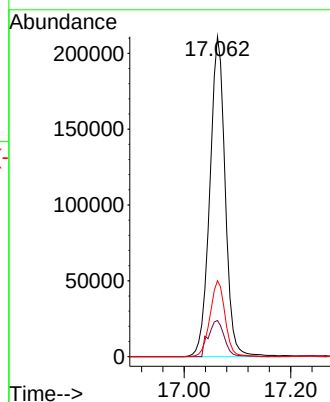
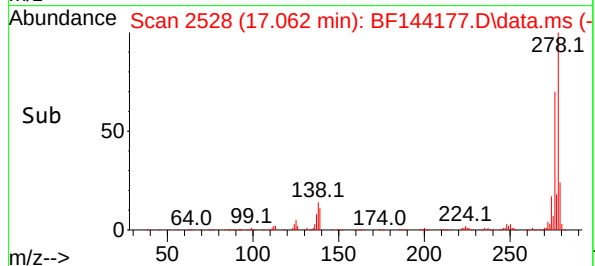
Tgt Ion:278 Resp: 423195
Ion Ratio Lower Upper
278 100
139 11.3 9.1 13.7
279 23.7 18.2 27.4

Manual Integrations

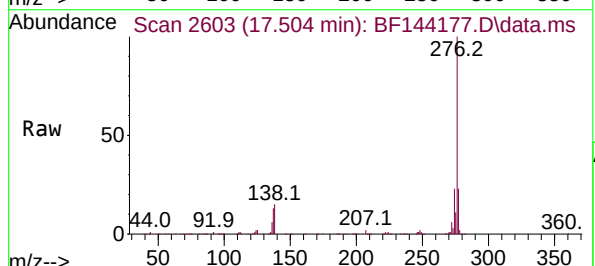
APPROVED

Reviewed By :Rahul Chavli 11/06/2025

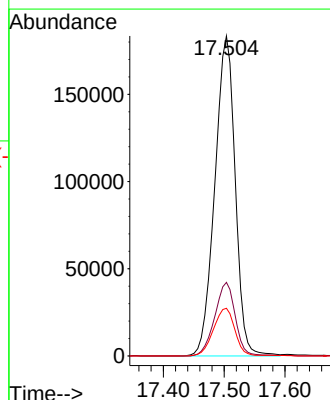
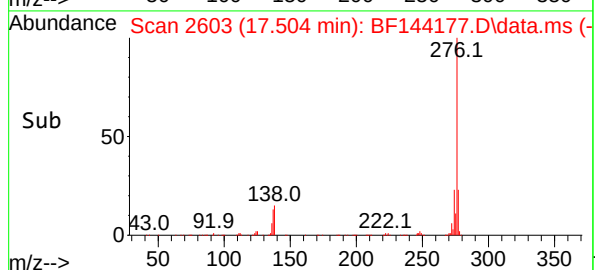
Supervised By :Jagrut Upadhyay 11/06/2025



#92
Benzo(g,h,i)perylene
Concen: 34.857 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:276 Resp: 426866
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 14.9 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
2	1,4-Dioxane	0.528	0.462	12.5	83	-0.01
3	Pyridine	1.474	1.199	18.7	78	-0.04
4	n-Nitrosodimethylamine	0.770	0.697	9.5	89	-0.02
5 S	2-Fluorophenol	1.278	1.122	12.2	84	0.00
6	Aniline	2.063	1.917	7.1	92	0.00
7 S	Phenol-d6	1.448	1.258	13.1	85	0.00
8	2-Chlorophenol	1.253	1.100	12.2	85	0.00
9	Benzaldehyde	0.818	0.927	-13.3	112	0.00
10 C	Phenol	1.769	1.573	11.1	84	0.00
11	bis(2-Chloroethyl)ether	1.289	1.133	12.1	85	0.00
12	1,3-Dichlorobenzene	1.547	1.393	10.0	89	0.00
13 C	1,4-Dichlorobenzene	1.549	1.389	10.3	86	0.00
14	1,2-Dichlorobenzene	1.485	1.372	7.6	91	0.00
15	Benzyl Alcohol	1.147	1.020	11.1	87	0.00
16	2,2'-oxybis(1-Chloropropane	2.374	2.098	11.6	86	0.00
17	2-Methylphenol	0.997	0.866	13.1	83	0.00
18	Hexachloroethane	0.515	0.464	9.9	86	0.00
19 P	n-Nitroso-di-n-propylamine	0.953	0.812	14.8	84	0.00
20	3+4-Methylphenols	1.175	1.053	10.4	86	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	101	0.00
22	Acetophenone	0.429	0.387	9.8	90	0.00
23 S	Nitrobenzene-d5	0.346	0.297	14.2	83	0.00
24	Nitrobenzene	0.376	0.327	13.0	85	0.00
25	Isophorone	0.655	0.569	13.1	85	0.00
26 C	2-Nitrophenol	0.186	0.170	8.6	87	0.00
27	2,4-Dimethylphenol	0.279	0.274	1.8	93	0.00
28	bis(2-Chloroethoxy)methane	0.409	0.362	11.5	86	0.00
29 C	2,4-Dichlorophenol	0.322	0.274	14.9	83	0.00
30	1,2,4-Trichlorobenzene	0.330	0.294	10.9	88	0.00
31	Naphthalene	0.951	0.829	12.8	86	0.00
32	Benzoic acid	0.204	0.154	24.5	86	-0.04
33	4-Chloroaniline	0.347	0.336	3.2	93	0.00
34 C	Hexachlorobutadiene	0.249	0.215	13.7	83	0.00
35	Caprolactam	0.088	0.074	15.9	80	-0.03
36 C	4-Chloro-3-methylphenol	0.288	0.247	14.2	84	0.00
37	2-Methylnaphthalene	0.636	0.509	20.0	79	0.00
38	1-Methylnaphthalene	0.614	0.514	16.3	83	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	0.655	0.603	7.9	86	0.00
41 P	Hexachlorocyclopentadiene	0.195	0.243	-24.6	118	0.00
42 S	2,4,6-Tribromophenol	0.251	0.213	15.1	78	0.00
43 C	2,4,6-Trichlorophenol	0.446	0.394	11.7	84	0.00
44	2,4,5-Trichlorophenol	0.481	0.423	12.1	84	0.00
45 S	2-Fluorobiphenyl	1.354	1.180	12.9	85	0.00
46	1,1'-Biphenyl	1.396	1.275	8.7	87	0.00
47	2-Chloronaphthalene	1.191	1.045	12.3	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.344	0.306	11.0	82	0.00
49	Acenaphthylene	1.623	1.615	0.5	95	0.00
50	Dimethylphthalate	1.325	1.162	12.3	83	0.00
51	2,6-Dinitrotoluene	0.268	0.246	8.2	86	0.00
52 C	Acenaphthene	1.085	0.914	15.8	81	0.00
53	3-Nitroaniline	0.293	0.259	11.6	80	0.00
54 P	2,4-Dinitrophenol	0.162	0.116	28.4#	80	0.00
55	Dibenzofuran	1.520	1.353	11.0	84	0.00
56 P	4-Nitrophenol	0.212	0.164	22.6	78	0.00
57	2,4-Dinitrotoluene	0.359	0.323	10.0	81	0.00
58	Fluorene	1.156	1.037	10.3	85	0.00
59	2,3,4,6-Tetrachlorophenol	0.340	0.318	6.5	86	0.00
60	Diethylphthalate	1.221	1.058	13.3	82	0.00
61	4-Chlorophenyl-phenylether	0.658	0.576	12.5	81	0.00
62	4-Nitroaniline	0.279	0.246	11.8	83	0.00
63	Azobenzene	1.137	1.022	10.1	85	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	0.136	0.106	22.1	78	0.00
66 c	n-Nitrosodiphenylamine	0.643	0.584	9.2	86	0.00
67	4-Bromophenyl-phenylether	0.255	0.218	14.5	79	0.00
68	Hexachlorobenzene	0.301	0.262	13.0	83	0.00
69	Atrazine	0.205	0.188	8.3	87	0.00
70 C	Pentachlorophenol	0.150	0.122	18.7	75	0.00
71	Phenanthrene	0.996	0.873	12.3	82	0.00
72	Anthracene	1.013	0.893	11.8	83	0.00
73	Carbazole	0.861	0.737	14.4	80	0.00
74	Di-n-butylphthalate	1.041	0.899	13.6	80	0.00
75 C	Fluoranthene	1.029	0.883	14.2	80	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77	Benzidine	0.592	0.668	-12.8	107	0.00
78	Pyrene	1.613	1.331	17.5	78	0.00
79 S	Terphenyl-d14	1.259	1.060	15.8	81	0.00
80	Butylbenzylphthalate	0.559	0.484	13.4	82	0.00
81	Benzo(a)anthracene	1.386	1.161	16.2	81	0.00
82	3,3'-Dichlorobenzidine	0.475	0.471	0.8	98	0.00
83	Chrysene	1.280	1.106	13.6	79	0.00
84	Bis(2-ethylhexyl)phthalate	0.765	0.667	12.8	82	0.00
85 c	Di-n-octyl phthalate	1.320	1.160	12.1	82	0.00
86 I	Perylene-d12	1.000	1.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	1.436	1.221	15.0	85	0.02
88	Benzo(b)fluoranthene	1.137	0.996	12.4	83	0.00
89	Benzo(k)fluoranthene	1.064	0.863	18.9	85	0.00
90 C	Benzo(a)pyrene	1.049	0.929	11.4	89	0.00
91	Dibenzo(a,h)anthracene	1.153	0.984	14.7	85	0.01
92	Benzo(g,h,i)perylene	1.139	0.992	12.9	86	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
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Instrument :
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Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	99	0.00
2	1,4-Dioxane	40.000	34.992	12.5	83	-0.01
3	Pyridine	40.000	32.541	18.6	78	-0.04
4	n-Nitrosodimethylamine	40.000	36.224	9.4	89	-0.02
5 S	2-Fluorophenol	80.000	70.243	12.2	84	0.00
6	Aniline	40.000	37.159	7.1	92	0.00
7 S	Phenol-d6	80.000	69.484	13.1	85	0.00
8	2-Chlorophenol	40.000	35.096	12.3	85	0.00
9	Benzaldehyde	40.000	45.337	-13.3	112	0.00
10 C	Phenol	40.000	35.563	11.1	84	0.00
11	bis(2-Chloroethyl)ether	40.000	35.167	12.1	85	0.00
12	1,3-Dichlorobenzene	40.000	36.038	9.9	89	0.00
13 C	1,4-Dichlorobenzene	40.000	35.858	10.4	86	0.00
14	1,2-Dichlorobenzene	40.000	36.957	7.6	91	0.00
15	Benzyl Alcohol	40.000	35.593	11.0	87	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	35.340	11.6	86	0.00
17	2-Methylphenol	40.000	34.723	13.2	83	0.00
18	Hexachloroethane	40.000	36.050	9.9	86	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	34.051	14.9	84	0.00
20	3+4-Methylphenols	40.000	35.839	10.4	86	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	101	0.00
22	Acetophenone	40.000	36.061	9.8	90	0.00
23 S	Nitrobenzene-d5	80.000	68.601	14.2	83	0.00
24	Nitrobenzene	40.000	34.763	13.1	85	0.00
25	Isophorone	40.000	34.755	13.1	85	0.00
26 C	2-Nitrophenol	40.000	36.521	8.7	87	0.00
27	2,4-Dimethylphenol	40.000	39.334	1.7	93	0.00
28	bis(2-Chloroethoxy)methane	40.000	35.422	11.4	86	0.00
29 C	2,4-Dichlorophenol	40.000	34.086	14.8	83	0.00
30	1,2,4-Trichlorobenzene	40.000	35.677	10.8	88	0.00
31	Naphthalene	40.000	34.861	12.8	86	0.00
32	Benzoic acid	40.000	30.148	24.6	86	-0.04
33	4-Chloroaniline	40.000	38.685	3.3	93	0.00
34 C	Hexachlorobutadiene	40.000	34.552	13.6	83	0.00
35	Caprolactam	40.000	33.478	16.3	80	-0.03
36 C	4-Chloro-3-methylphenol	40.000	34.336	14.2	84	0.00
37	2-Methylnaphthalene	40.000	31.978	20.1	79	0.00
38	1-Methylnaphthalene	40.000	33.472	16.3	83	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	36.811	8.0	86	0.00
41 P	Hexachlorocyclopentadiene	40.000	46.350	-15.9	118	0.00
42 S	2,4,6-Tribromophenol	80.000	67.987	15.0	78	0.00
43 C	2,4,6-Trichlorophenol	40.000	35.357	11.6	84	0.00
44	2,4,5-Trichlorophenol	40.000	35.179	12.1	84	0.00
45 S	2-Fluorobiphenyl	80.000	69.741	12.8	85	0.00
46	1,1'-Biphenyl	40.000	36.526	8.7	87	0.00
47	2-Chloronaphthalene	40.000	35.092	12.3	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	35.641	10.9	82	0.00
49	Acenaphthylene	40.000	39.818	0.5	95	0.00
50	Dimethylphthalate	40.000	35.076	12.3	83	0.00
51	2,6-Dinitrotoluene	40.000	36.758	8.1	86	0.00
52 C	Acenaphthene	40.000	33.702	15.7	81	0.00
53	3-Nitroaniline	40.000	35.372	11.6	80	0.00
54 P	2,4-Dinitrophenol	40.000	28.732	28.2#	80	0.00
55	Dibenzofuran	40.000	35.602	11.0	84	0.00
56 P	4-Nitrophenol	40.000	30.929	22.7	78	0.00
57	2,4-Dinitrotoluene	40.000	35.994	10.0	81	0.00
58	Fluorene	40.000	35.903	10.2	85	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	37.425	6.4	86	0.00
60	Diethylphthalate	40.000	34.646	13.4	82	0.00
61	4-Chlorophenyl-phenylether	40.000	35.002	12.5	81	0.00
62	4-Nitroaniline	40.000	35.278	11.8	83	0.00
63	Azobenzene	40.000	35.958	10.1	85	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	40.000	31.346	21.6	78	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.292	9.3	86	0.00
67	4-Bromophenyl-phenylether	40.000	34.135	14.7	79	0.00
68	Hexachlorobenzene	40.000	34.810	13.0	83	0.00
69	Atrazine	40.000	36.790	8.0	87	0.00
70 C	Pentachlorophenol	40.000	32.706	18.2	75	0.00
71	Phenanthrene	40.000	35.049	12.4	82	0.00
72	Anthracene	40.000	35.286	11.8	83	0.00
73	Carbazole	40.000	34.224	14.4	80	0.00
74	Di-n-butylphthalate	40.000	34.535	13.7	80	0.00
75 C	Fluoranthene	40.000	34.338	14.2	80	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77	Benzidine	40.000	45.165	-12.9	107	0.00
78	Pyrene	40.000	33.011	17.5	78	0.00
79 S	Terphenyl-d14	80.000	67.318	15.9	81	0.00
80	Butylbenzylphthalate	40.000	34.633	13.4	82	0.00
81	Benzo(a)anthracene	40.000	33.489	16.3	81	0.00
82	3,3'-Dichlorobenzidine	40.000	39.612	1.0	98	0.00
83	Chrysene	40.000	34.559	13.6	79	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	34.880	12.8	82	0.00
85 c	Di-n-octyl phthalate	40.000	35.142	12.1	82	0.00
86 I	Perylene-d12	20.000	20.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	34.019	15.0	85	0.02
88	Benzo(b)fluoranthene	40.000	35.021	12.4	83	0.00
89	Benzo(k)fluoranthene	40.000	32.431	18.9	85	0.00
90 C	Benzo(a)pyrene	40.000	35.415	11.5	89	0.00
91	Dibenzo(a,h)anthracene	40.000	34.126	14.7	85	0.01
92	Benzo(g,h,i)perylene	40.000	34.857	12.9	86	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: PACI01
 Lab Code: ACE SDG No.: Q3574
 Instrument ID: BNA_F Calibration Date/Time: 11/13/2025 14:56
 Lab File ID: BF144243.D Init. Calib. Date(s): 11/05/2025 11/05/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.375		7.6	
Phenol-d6	1.448	1.526		5.4	
Nitrobenzene-d5	0.346	0.362		4.6	
Naphthalene	0.951	0.964		1.4	
2-Fluorobiphenyl	1.354	1.327		-2.0	
Acenaphthylene	1.623	1.644		1.3	
Acenaphthene	1.085	1.166		7.5	20.0
Fluorene	1.156	1.154		-0.2	
2,4,6-Tribromophenol	0.251	0.249		-0.8	
Phenanthrene	0.996	1.007		1.1	
Anthracene	1.013	1.027		1.4	
Fluoranthene	1.029	0.976		-5.2	20.0
Pyrene	1.613	1.773		9.9	
Terphenyl-d14	1.259	1.311		4.1	
Benzo (a) anthracene	1.386	1.424		2.7	
Chrysene	1.280	1.371		7.1	
Benzo (b) fluoranthene	1.137	1.144		0.6	
Benzo (k) fluoranthene	1.064	1.069		0.5	
Benzo (a) pyrene	1.049	1.055		0.6	20.0
Indeno (1,2,3-cd) pyrene	1.436	1.481		3.1	
Dibenzo (a,h) anthracene	1.153	1.199		4.0	
Benzo (g,h,i) perylene	1.139	1.197		5.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144243.D
 Acq On : 13 Nov 2025 14:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	57801	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	225618	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	126474	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	214028	20.000	ng	0.00
76) Chrysene-d12	14.045	240	119800	20.000	ng	0.00
86) Perylene-d12	15.521	264	154528	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	317850	86.053	ng	-0.01
7) Phenol-d6	6.498	99	352742	84.283	ng	0.00
23) Nitrobenzene-d5	7.434	82	327055	83.721	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	125941	79.353	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	671420	78.407	ng	0.00
79) Terphenyl-d14	12.980	244	628319	83.308	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	64325	42.123	ng	97
3) Pyridine	3.369	79	187268	43.956	ng	99
4) n-Nitrosodimethylamine	3.316	42	94773	42.588	ng	99
6) Aniline	6.528	93	255676	42.878	ng	94
8) 2-Chlorophenol	6.651	128	153049	42.252	ng	98
9) Benzaldehyde	6.422	77	139426	58.996	ng	97
10) Phenol	6.510	94	221166	43.252	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	162086	43.502	ng	99
12) 1,3-Dichlorobenzene	6.810	146	186845	41.801	ng	98
13) 1,4-Dichlorobenzene	6.887	146	188761	42.152	ng	98
14) 1,2-Dichlorobenzene	7.034	146	177796	41.423	ng	99
15) Benzyl Alcohol	7.010	79	141987	42.845	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	294701	42.950	ng	90
17) 2-Methylphenol	7.122	107	122046	42.352	ng	95
18) Hexachloroethane	7.375	117	62410	41.949	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	112683	40.899	ng	95
20) 3+4-Methylphenols	7.275	107	141494	41.653	ng	97
22) Acetophenone	7.275	105	195657	40.425	ng	94
24) Nitrobenzene	7.451	77	176289	41.563	ng	99
25) Isophorone	7.686	82	306409	41.467	ng	100
26) 2-Nitrophenol	7.769	139	91269	43.469	ng	97
27) 2,4-Dimethylphenol	7.804	122	131515	41.791	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	191324	41.464	ng	98
29) 2,4-Dichlorophenol	8.010	162	150726	41.555	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	149265	40.076	ng	97
31) Naphthalene	8.175	128	434920	40.524	ng	99
32) Benzoic acid	7.916	122	91717	39.760	ng	99
33) 4-Chloroaniline	8.222	127	163820	41.852	ng	98
34) Hexachlorobutadiene	8.286	225	113192	40.325	ng	99
35) Caprolactam	8.592	113	41292	41.553	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	136882	42.109	ng	99
37) 2-Methylnaphthalene	8.863	142	286611	39.942	ng	99
38) 1-Methylnaphthalene	8.963	142	277452	40.073	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	165890	40.022	ng	99
41) Hexachlorocyclopentadiene	9.016	237	74643	53.524	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	115545	40.957	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144243.D
 Acq On : 13 Nov 2025 14:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	121468	39.949	ng	98
46) 1,1'-Biphenyl	9.328	154	358522	40.611	ng	100
47) 2-Chloronaphthalene	9.351	162	301868	40.085	ng	99
48) 2-Nitroaniline	9.451	65	96372	44.353	ng	98
49) Acenaphthylene	9.769	152	415869	40.524	ng	99
50) Dimethylphthalate	9.622	163	344741	41.145	ng	100
51) 2,6-Dinitrotoluene	9.692	165	73622	43.406	ng	99
52) Acenaphthene	9.939	154	294814	42.960	ng	100
53) 3-Nitroaniline	9.863	138	80793	43.575	ng	100
54) 2,4-Dinitrophenol	9.975	184	63105	61.614	ng	98
55) Dibenzofuran	10.110	168	389584	40.534	ng	98
56) 4-Nitrophenol	10.027	139	52059	38.815	ng	95
57) 2,4-Dinitrotoluene	10.098	165	98763	43.497	ng	98
58) Fluorene	10.457	166	291978	39.956	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	88970	41.358	ng	99
60) Diethylphthalate	10.327	149	316454	40.971	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	163577	39.298	ng	96
62) 4-Nitroaniline	10.475	138	73241	41.480	ng	97
63) Azobenzene	10.610	77	300797	41.845	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	60897	41.883	ng	96
66) n-Nitrosodiphenylamine	10.569	169	286181	41.574	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	112659	41.239	ng	97
68) Hexachlorobenzene	11.004	284	128315	39.877	ng	99
69) Atrazine	11.092	200	81223	37.102	ng	98
70) Pentachlorophenol	11.204	266	62518	39.017	ng	97
71) Phenanthrene	11.422	178	431095	40.455	ng	99
72) Anthracene	11.474	178	439781	40.587	ng	100
73) Carbazole	11.627	167	366873	39.818	ng	99
74) Di-n-butylphthalate	11.957	149	422893	37.967	ng	99
75) Fluoranthene	12.616	202	417617	37.938	ng	98
77) Benzidine	12.733	184	159854	45.111	ng	99
78) Pyrene	12.845	202	424749	43.973	ng	99
80) Butylbenzylphthalate	13.457	149	137100	40.952	ng	99
81) Benzo(a)anthracene	14.033	228	341236	41.098	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	114359	40.181	ng	97
83) Chrysene	14.068	228	328428	42.849	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	175802	38.360	ng	98
85) Di-n-octyl phthalate	14.633	149	306354	38.744	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	457738	41.265	ng	99
88) Benzo(b)fluoranthene	15.092	252	353587	40.248	ng	100
89) Benzo(k)fluoranthene	15.121	252	330283	40.166	ng	98
90) Benzo(a)pyrene	15.462	252	326068	40.232	ng	97
91) Dibenzo(a,h)anthracene	17.039	278	370468	41.586	ng	98
92) Benzo(g,h,i)perylene	17.474	276	370077	42.067	ng	99

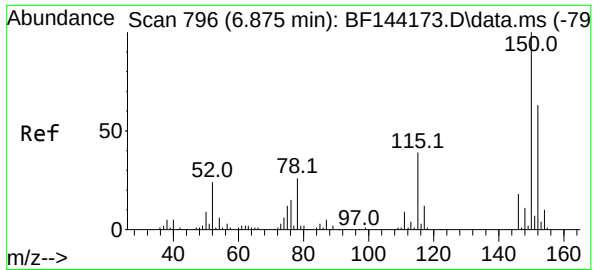
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Abundance

TIC: BF144243.D\data.ms

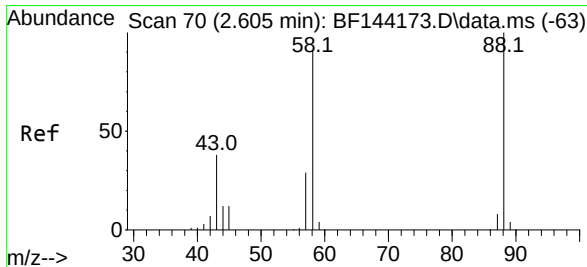
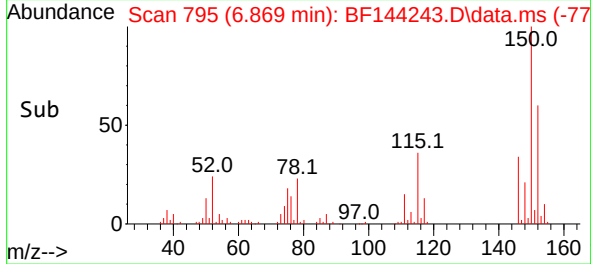
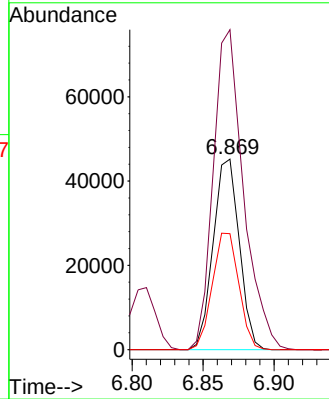
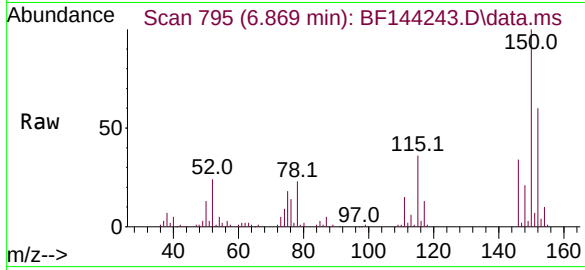
Time-->



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

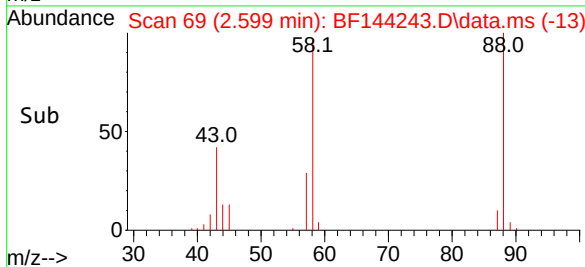
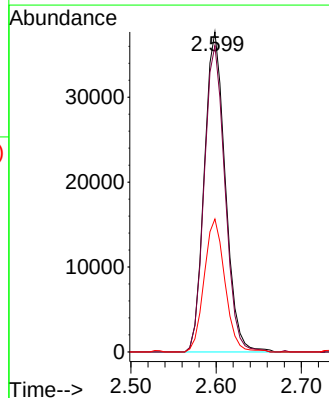
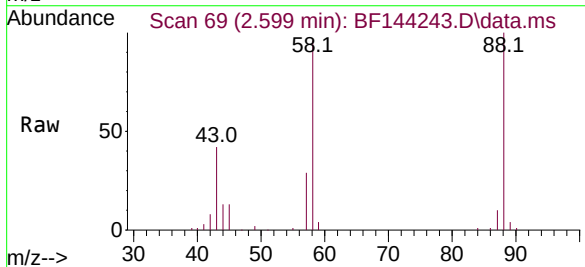
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

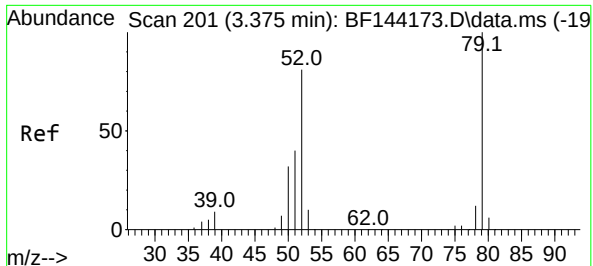
Tgt Ion:152 Resp: 57801
Ion Ratio Lower Upper
152 100
150 168.0 127.4 191.0
115 60.9 49.5 74.3



#2
1,4-Dioxane
Concen: 42.123 ng
RT: 2.599 min Scan# 69
Delta R.T. -0.018 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion: 88 Resp: 64325
Ion Ratio Lower Upper
88 100
58 94.6 73.1 109.7
43 41.2 31.0 46.6

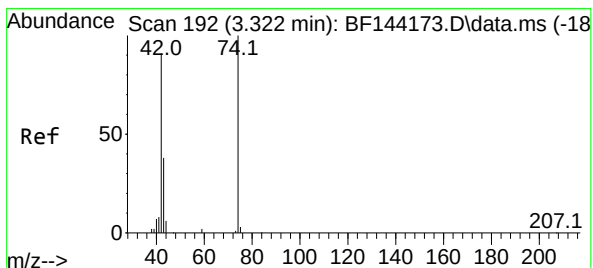
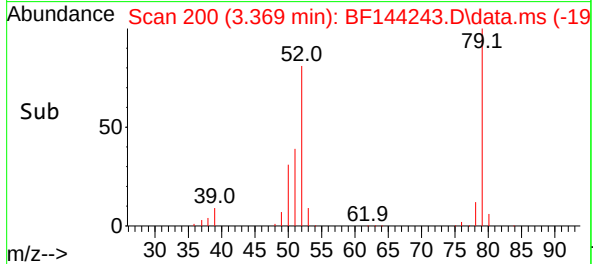
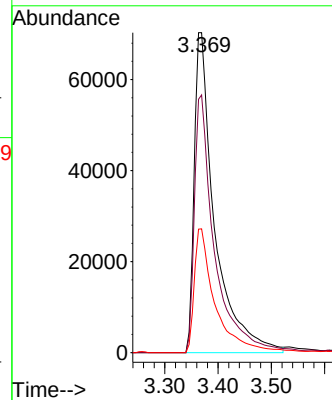
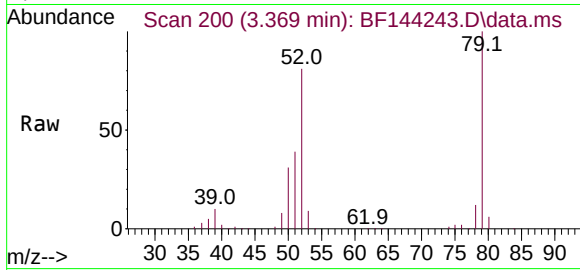




#3
Pyridine
Concen: 43.956 ng
RT: 3.369 min Scan# 201
Delta R.T. -0.041 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

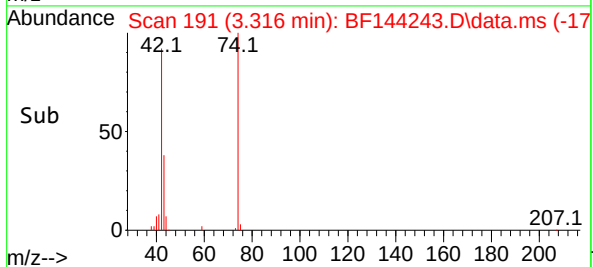
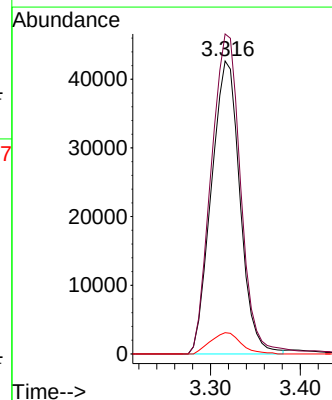
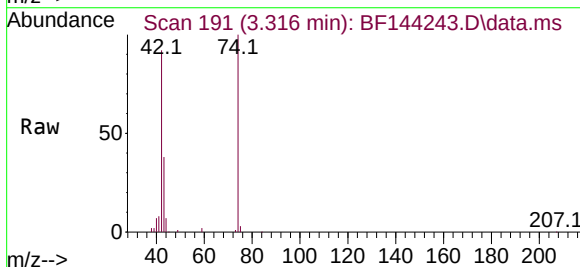
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

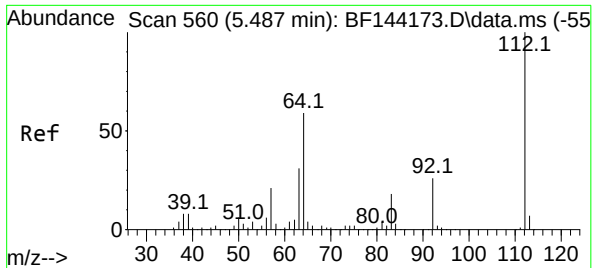
Tgt Ion	Ratio	Lower	Upper
79	100		
52	80.5	64.5	96.7
51	38.7	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 42.588 ng
RT: 3.316 min Scan# 191
Delta R.T. -0.029 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.3	88.2	132.4
44	7.2	5.7	8.5

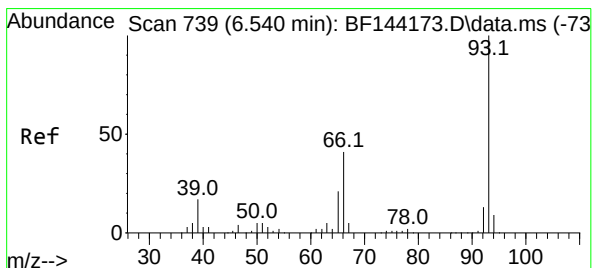
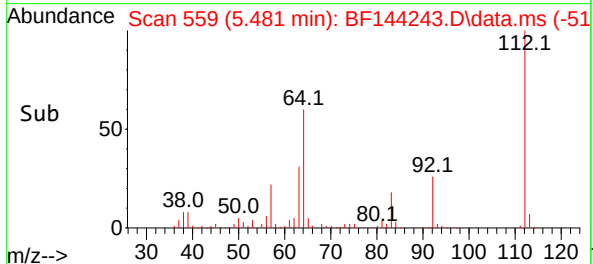
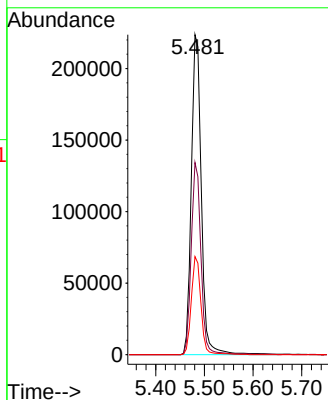
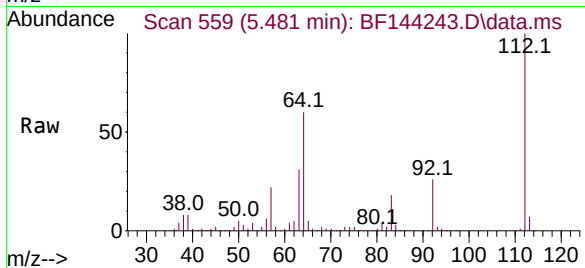




#5
2-Fluorophenol
Concen: 86.053 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

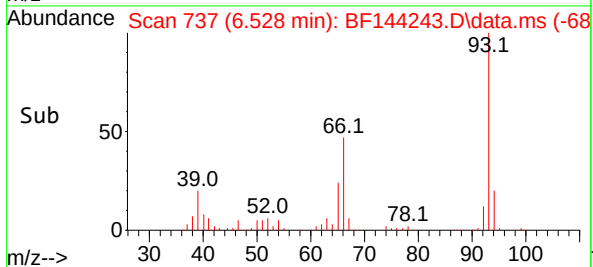
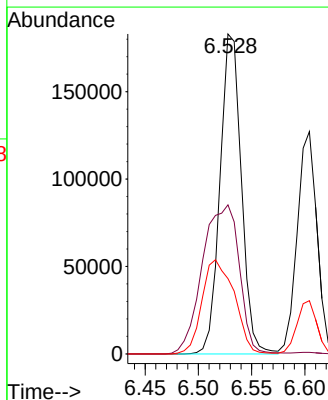
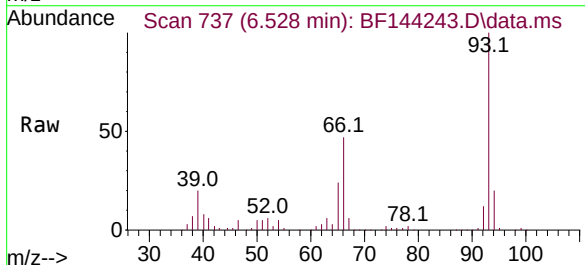
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

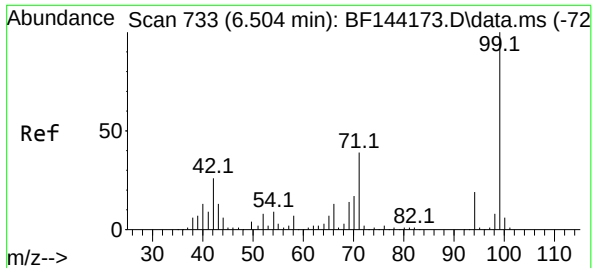
Tgt Ion:112 Resp: 317850
Ion Ratio Lower Upper
112 100
64 60.0 47.2 70.8
63 30.6 24.4 36.6



#6
Aniline
Concen: 42.878 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion: 93 Resp: 255676
Ion Ratio Lower Upper
93 100
66 46.6 34.3 51.5
65 23.5 16.9 25.3

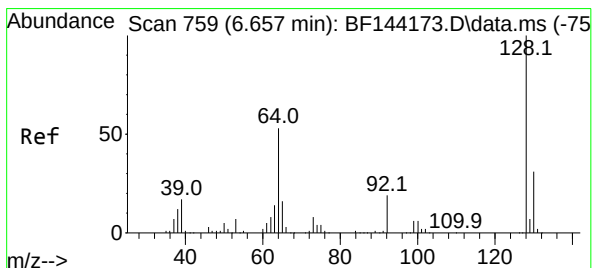
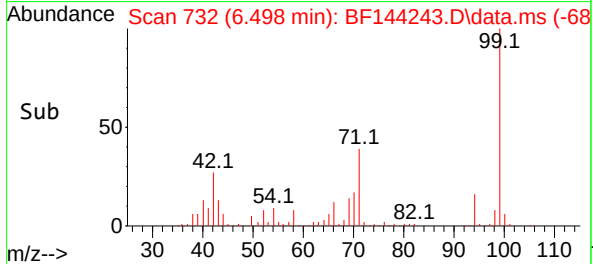
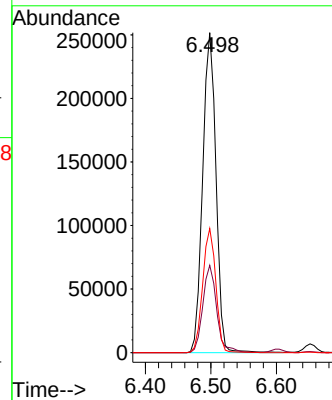
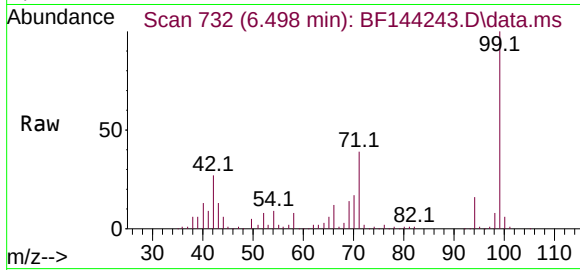




#7
Phenol-d6
Concen: 84.283 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

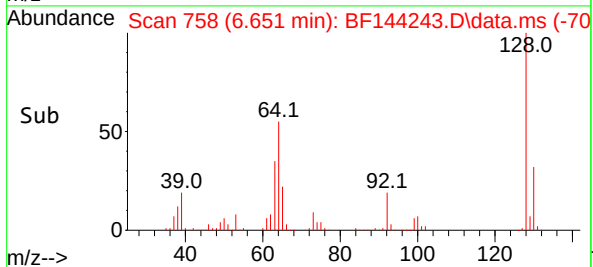
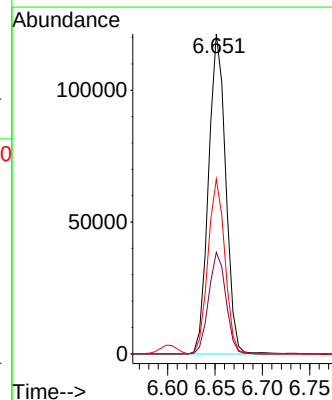
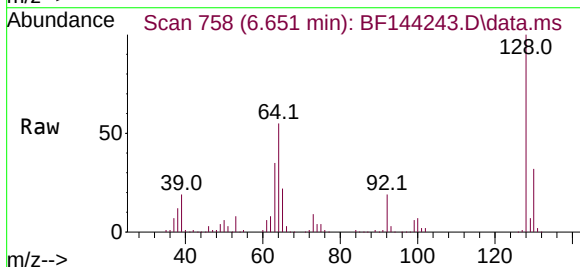
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

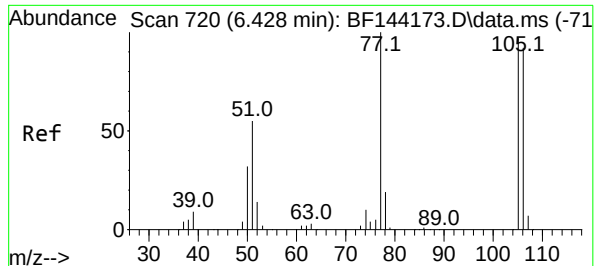
Tgt Ion: 99 Resp: 352742
Ion Ratio Lower Upper
99 100
42 27.3 20.9 31.3
71 38.8 31.4 47.2



#8
2-Chlorophenol
Concen: 42.252 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion: 128 Resp: 153049
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 54.6 33.2 73.2





#9

Benzaldehyde

Concen: 58.996 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

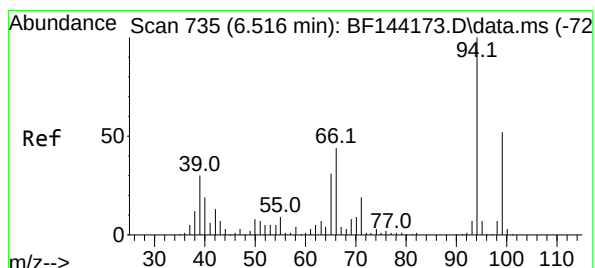
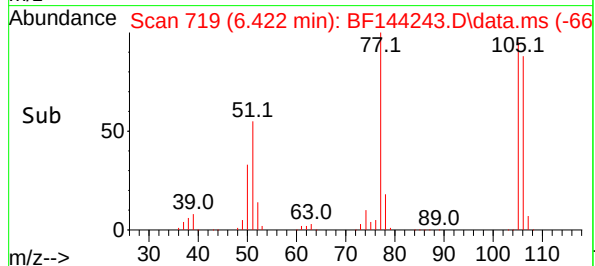
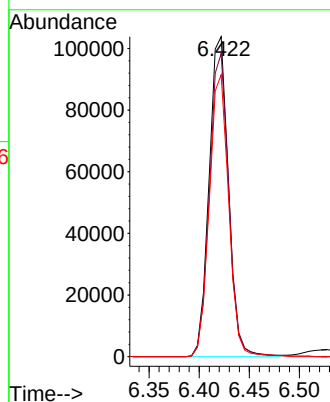
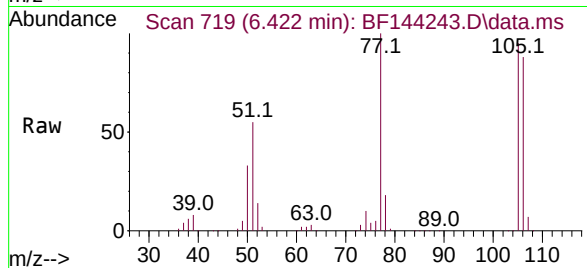
Tgt Ion: 77 Resp: 139426

Ion Ratio Lower Upper

77 100

105 94.7 77.2 117.2

106 88.1 72.2 112.2



#10

Phenol

Concen: 43.252 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

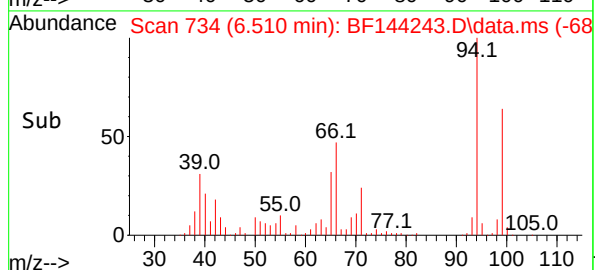
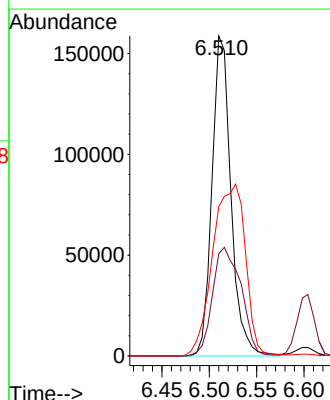
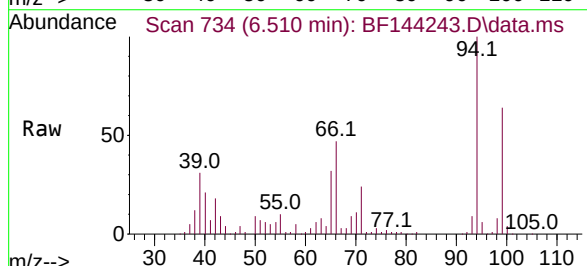
Tgt Ion: 94 Resp: 221166

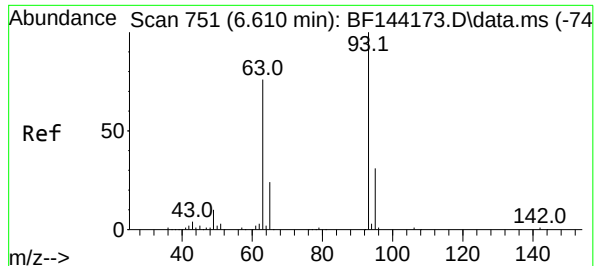
Ion Ratio Lower Upper

94 100

65 31.9 10.8 50.8

66 46.6 24.3 64.3

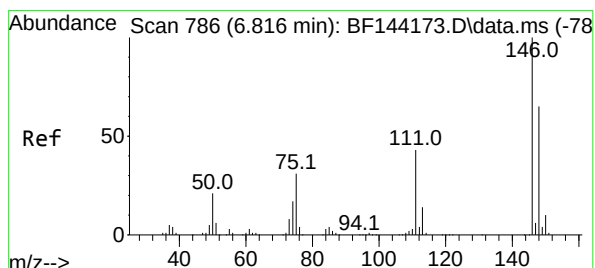
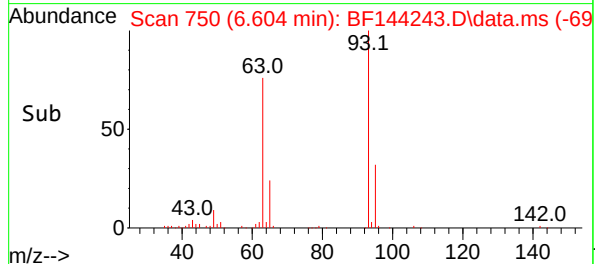
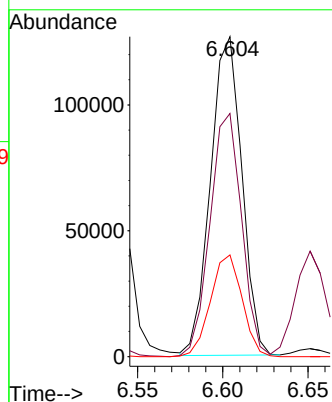
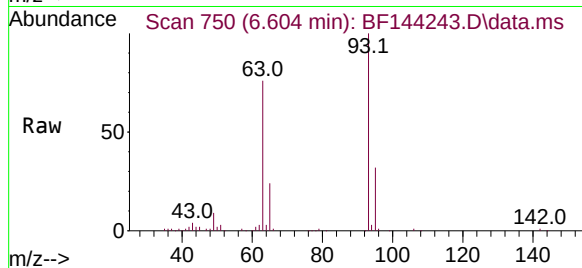




#11
bis(2-Chloroethyl)ether
Concen: 43.502 ng
RT: 6.604 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

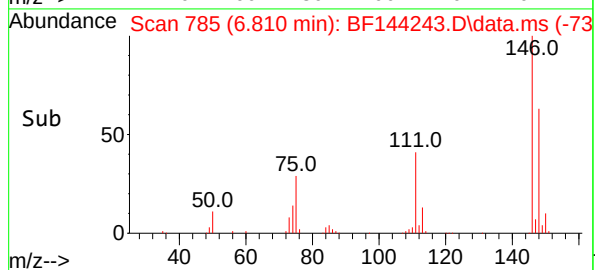
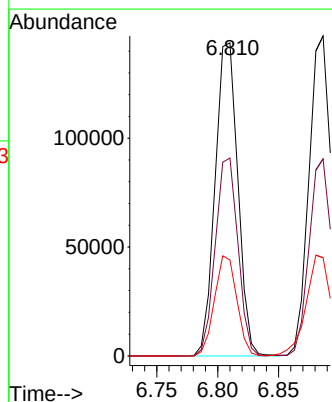
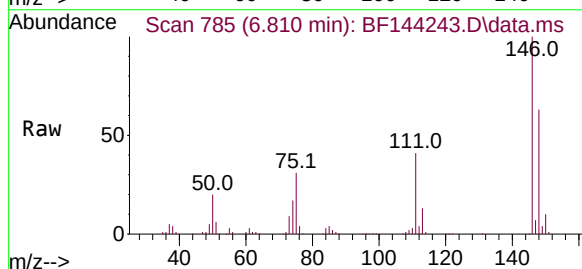
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

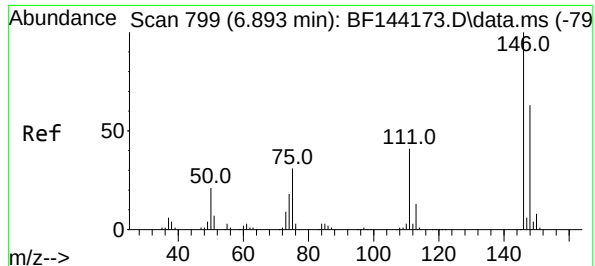
Tgt Ion: 93 Resp: 162086
Ion Ratio Lower Upper
93 100
63 76.0 55.2 95.2
95 31.8 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 41.801 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion: 146 Resp: 186845
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 30.7 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 42.152 ng

RT: 6.887 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

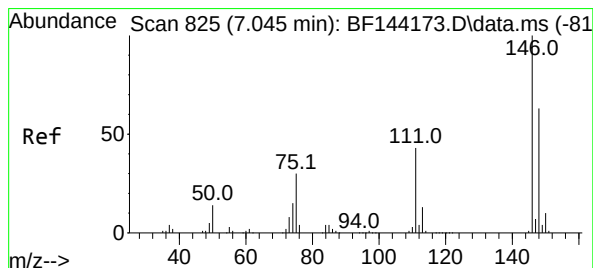
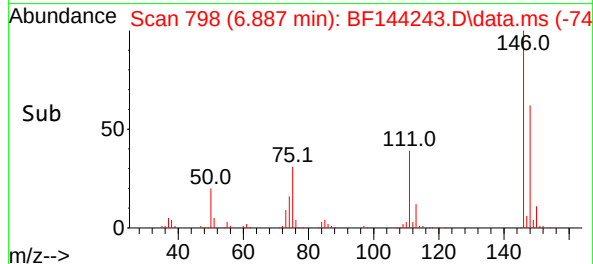
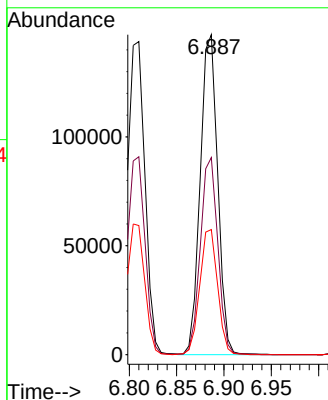
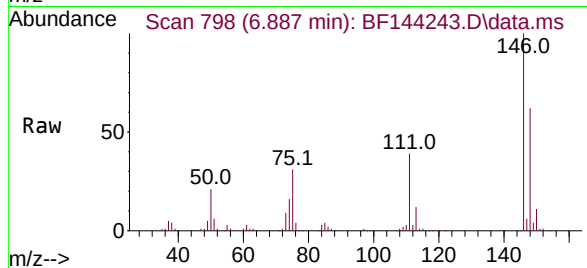
Tgt Ion:146 Resp: 188761

Ion Ratio Lower Upper

146 100

148 61.6 50.2 75.2

111 39.1 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 41.423 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

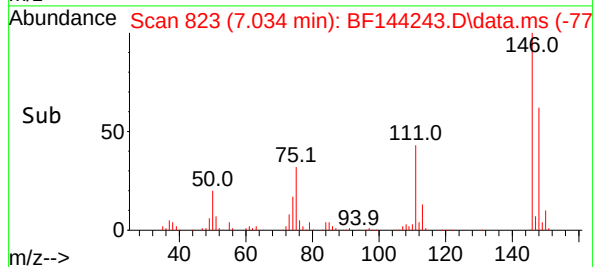
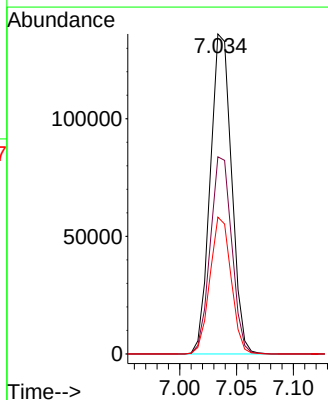
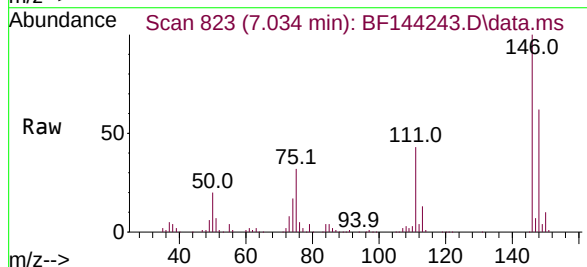
Tgt Ion:146 Resp: 177796

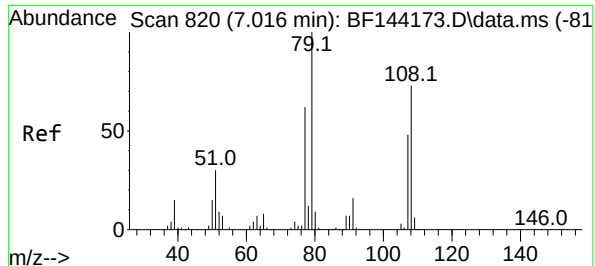
Ion Ratio Lower Upper

146 100

148 61.6 50.7 76.1

111 42.7 34.2 51.4





#15

Benzyl Alcohol

Concen: 42.845 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

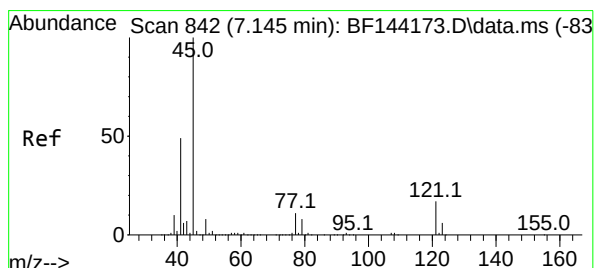
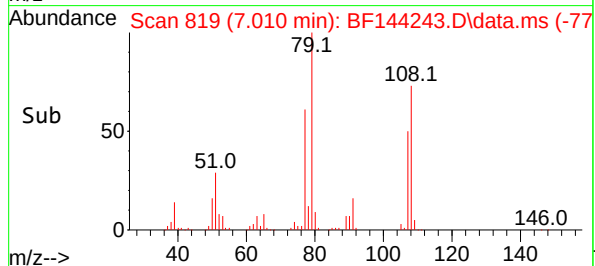
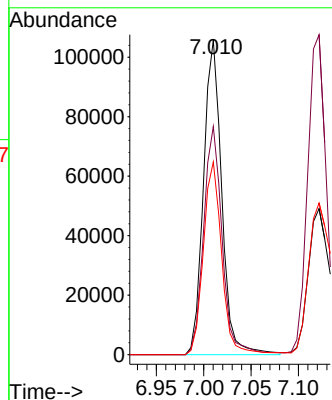
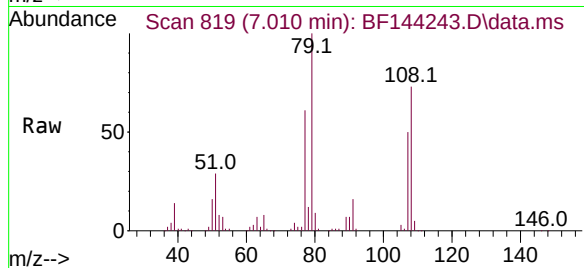
Tgt Ion: 79 Resp: 141987

Ion Ratio Lower Upper

79 100

108 72.6 58.2 87.4

77 61.3 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.950 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

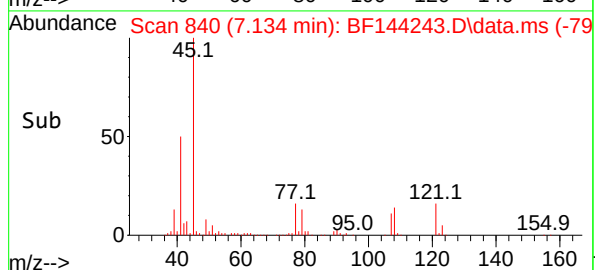
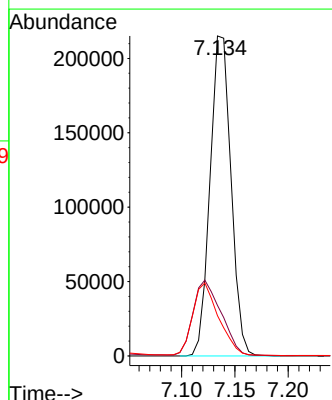
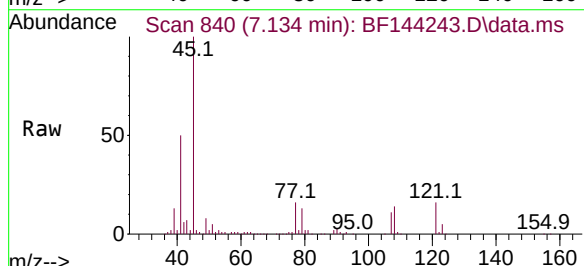
Tgt Ion: 45 Resp: 294701

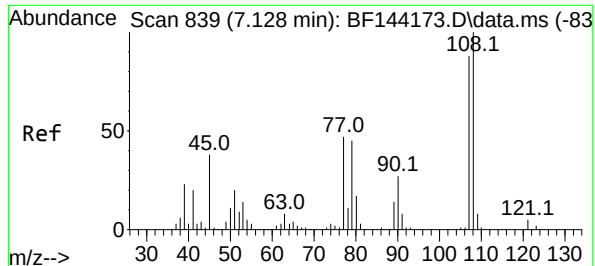
Ion Ratio Lower Upper

45 100

77 15.8 0.0 31.8

79 12.6 0.0 29.1





#17

2-Methylphenol

Concen: 42.352 ng

RT: 7.122 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 122046

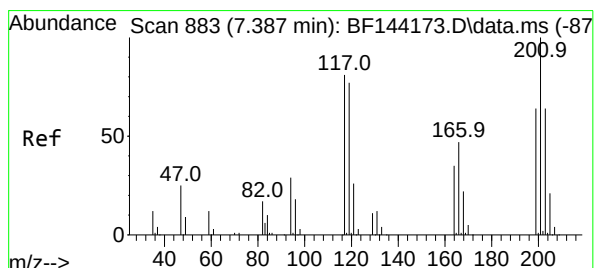
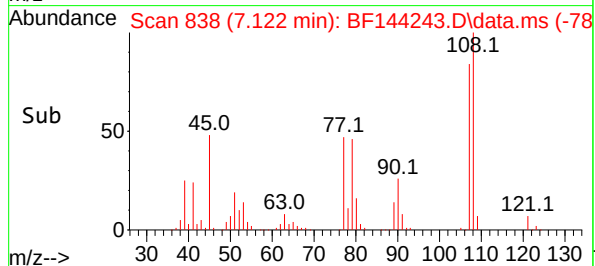
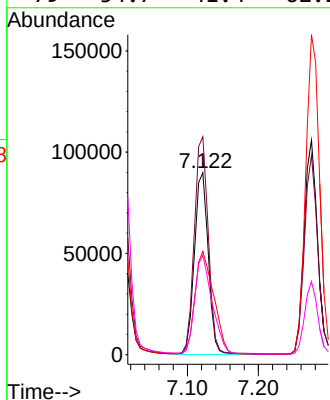
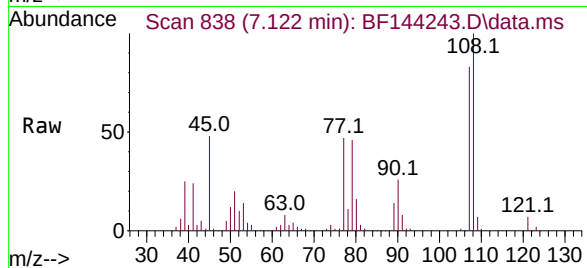
Ion Ratio Lower Upper

107 100

108 119.8 91.0 136.4

77 56.8 42.7 64.1

79 54.7 41.4 62.2



#18

Hexachloroethane

Concen: 41.949 ng

RT: 7.375 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

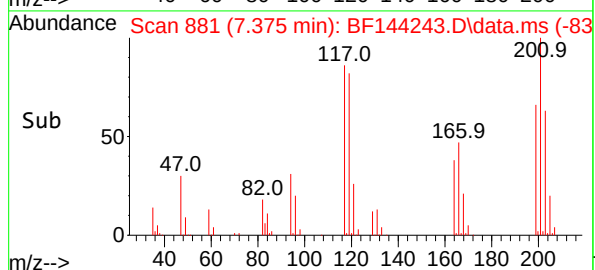
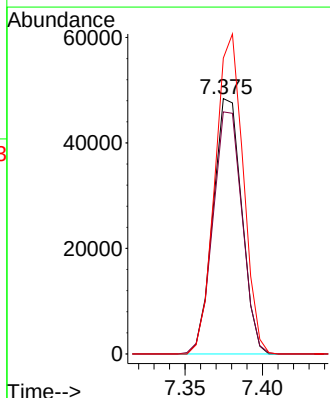
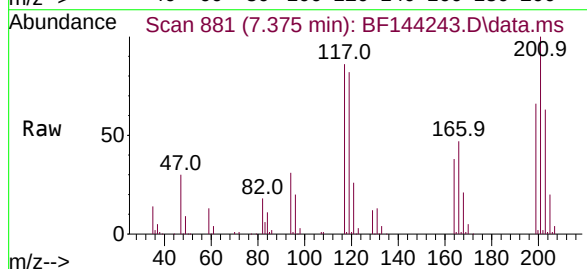
Tgt Ion:117 Resp: 62410

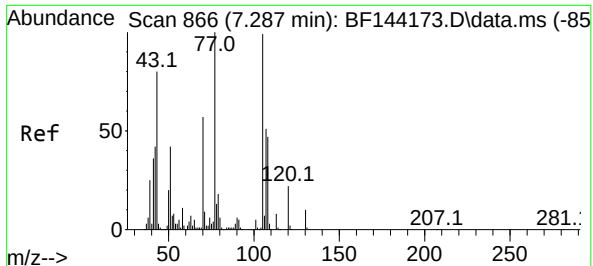
Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8

201 115.8 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 40.899 ng

RT: 7.281 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 112683

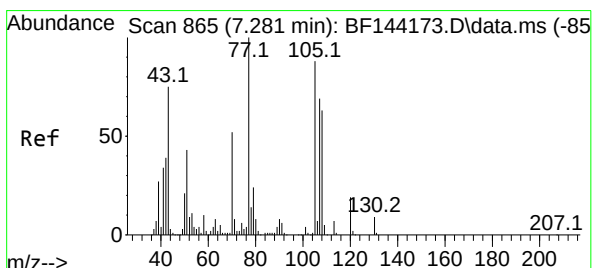
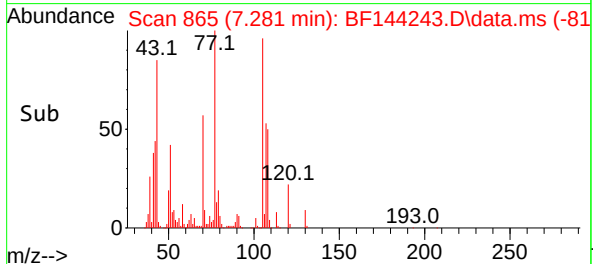
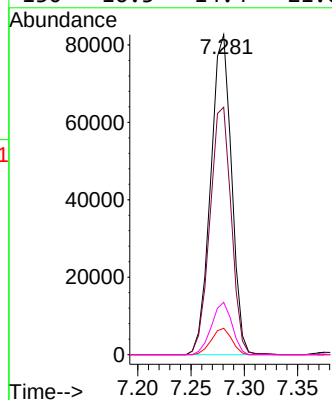
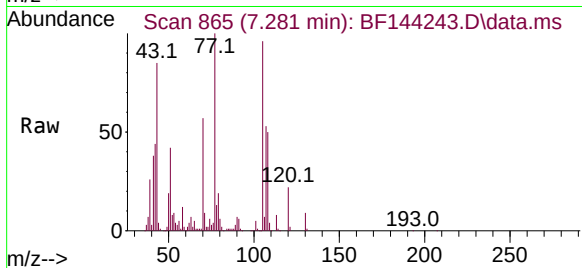
Ion Ratio Lower Upper

70 100

42 77.3 58.3 87.5

101 8.2 7.0 10.6

130 16.3 14.4 21.6



#20

3+4-Methylphenols

Concen: 41.653 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Tgt Ion: 107 Resp: 141494

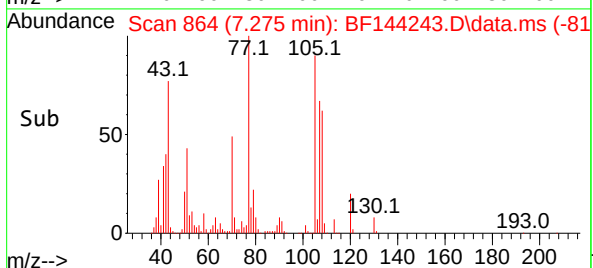
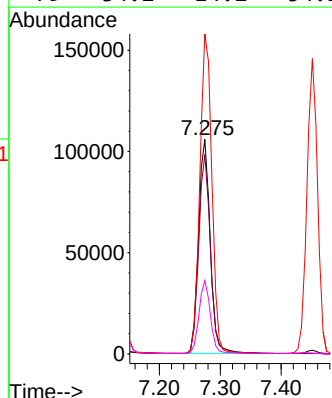
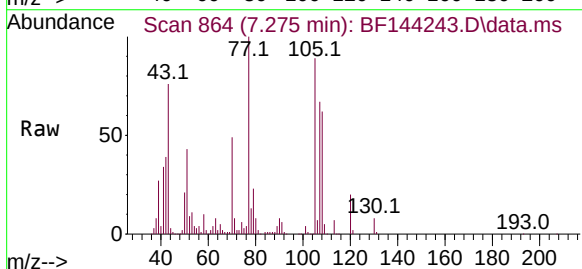
Ion Ratio Lower Upper

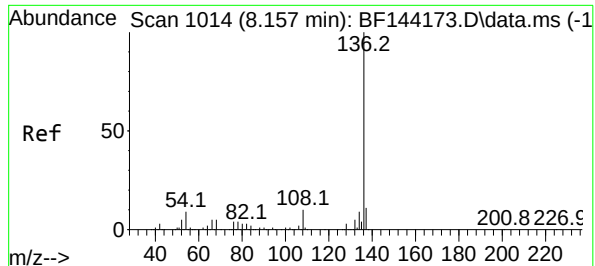
107 100

108 92.9 70.2 110.2

77 149.2 123.9 163.9

79 34.2 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 225618

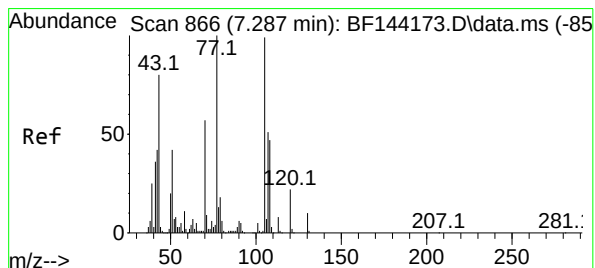
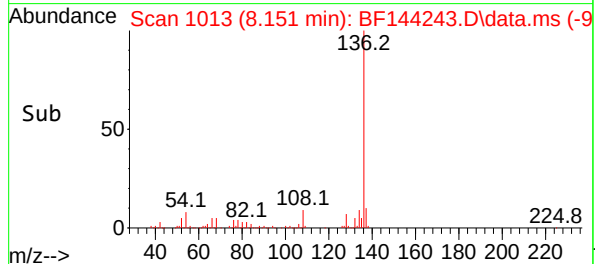
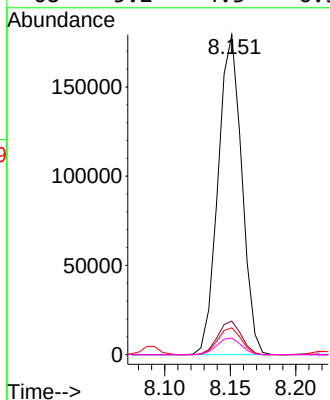
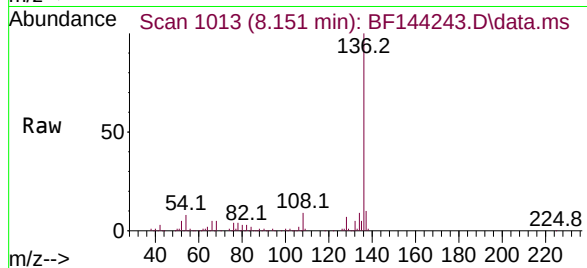
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.4 7.0 10.6

68 5.2 4.3 6.5



#22

Acetophenone

Concen: 40.425 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Tgt Ion:105 Resp: 195657

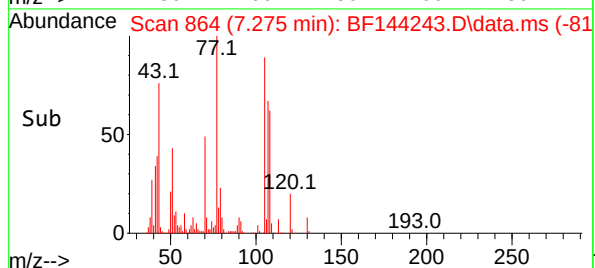
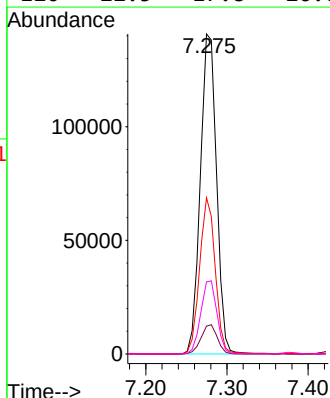
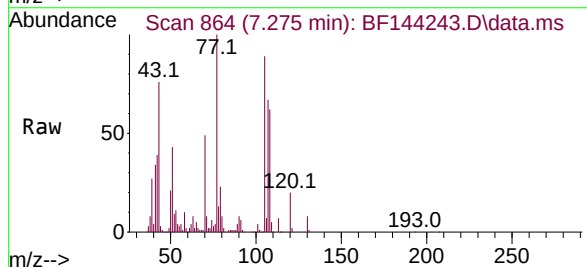
Ion Ratio Lower Upper

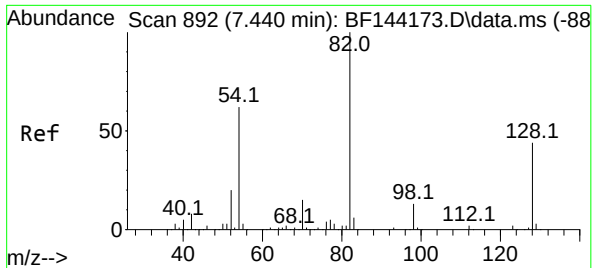
105 100

71 8.7 7.2 10.8

51 48.8 34.0 51.0

120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.721 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

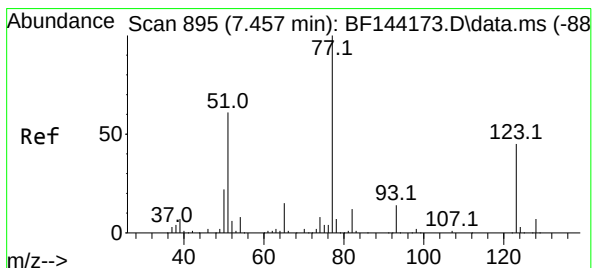
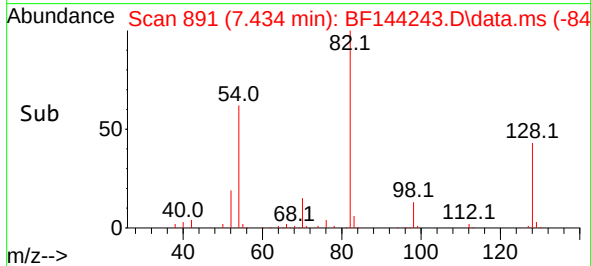
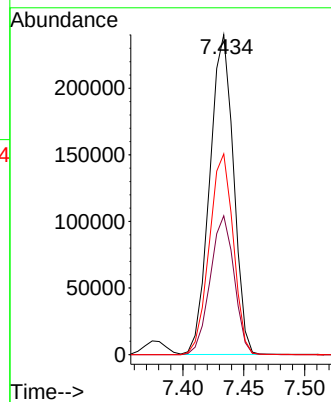
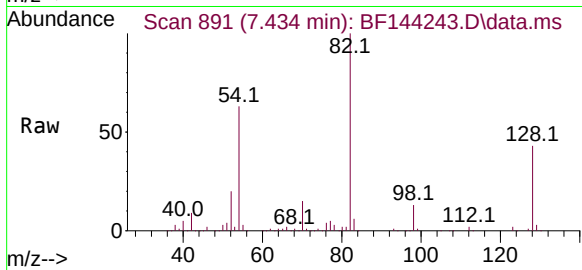
Tgt Ion: 82 Resp: 327055

Ion Ratio Lower Upper

82 100

128 43.4 34.7 52.1

54 62.7 49.5 74.3



#24

Nitrobenzene

Concen: 41.563 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

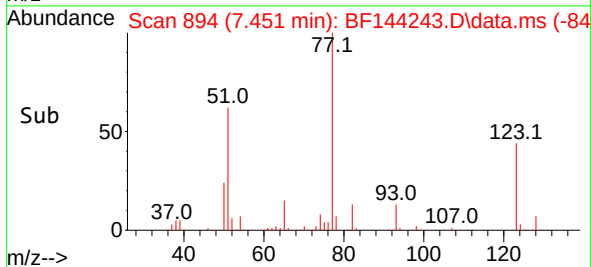
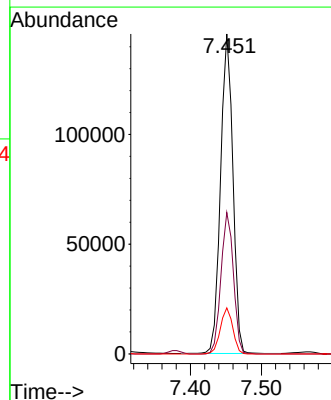
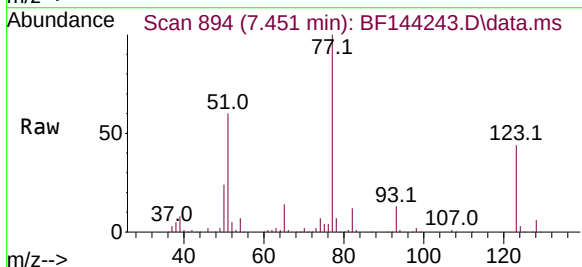
Tgt Ion: 77 Resp: 176289

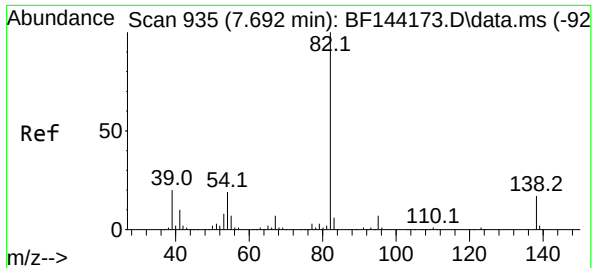
Ion Ratio Lower Upper

77 100

123 44.2 35.8 53.8

65 14.4 12.2 18.2

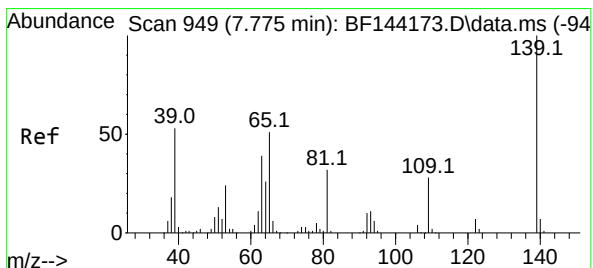
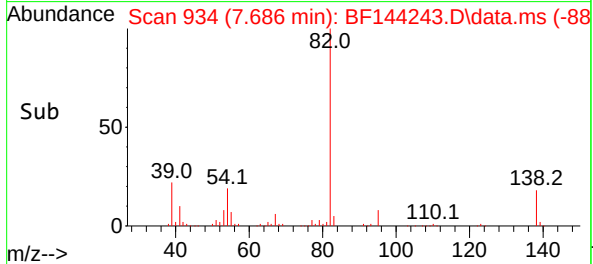
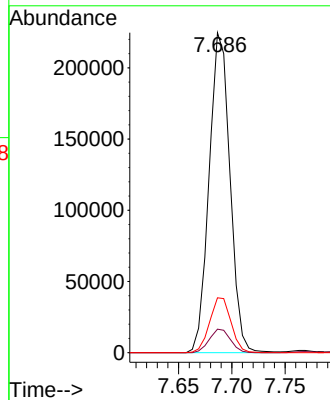
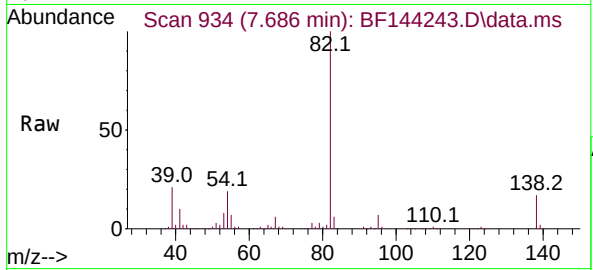




#25
Isophorone
Concen: 41.467 ng
RT: 7.686 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

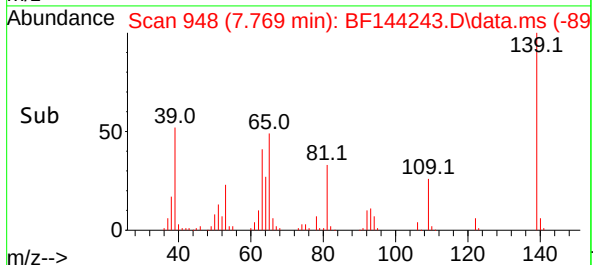
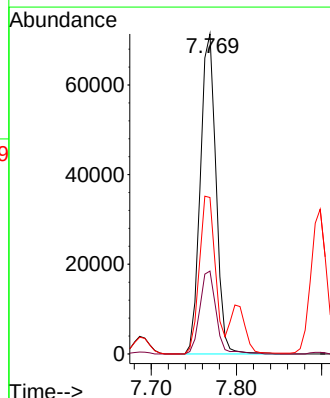
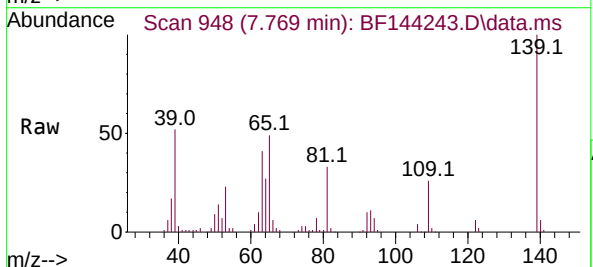
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

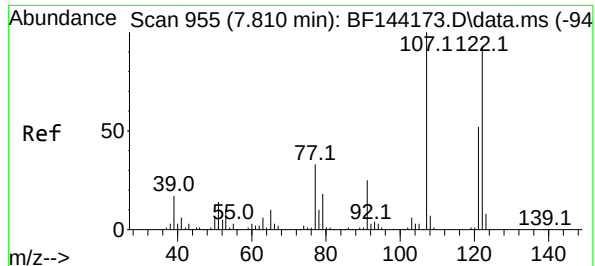
Tgt Ion: 82 Resp: 306409
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.1 13.7 20.5



#26
2-Nitrophenol
Concen: 43.469 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion: 139 Resp: 91269
Ion Ratio Lower Upper
139 100
109 25.9 22.2 33.2
65 48.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 41.791 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

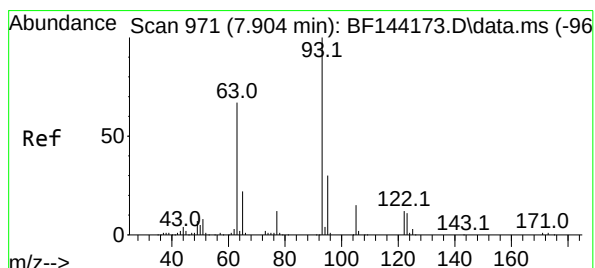
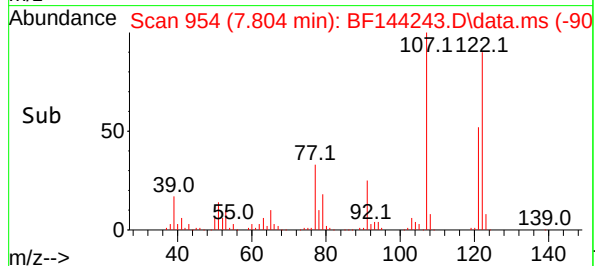
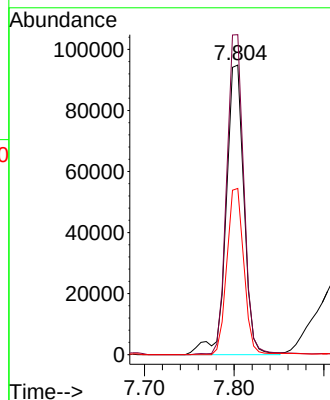
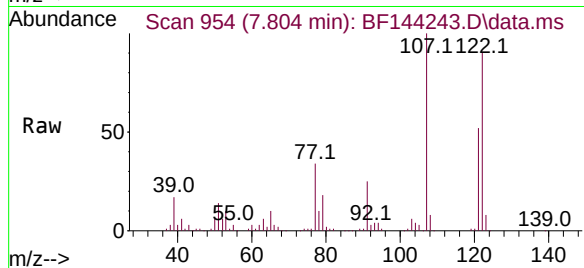
Tgt Ion:122 Resp: 131515

Ion Ratio Lower Upper

122 100

107 110.5 86.2 129.4

121 57.4 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.464 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

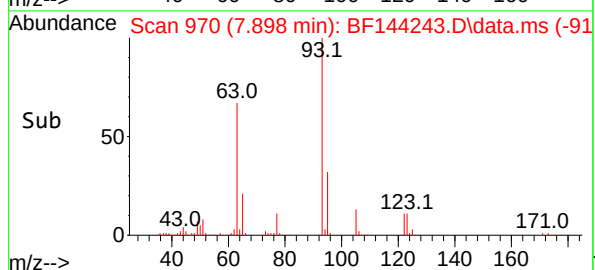
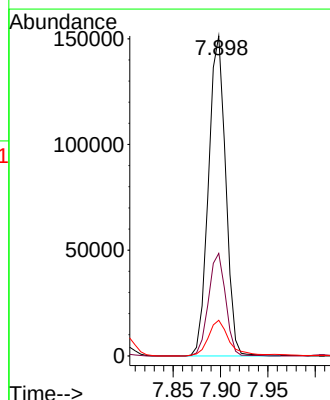
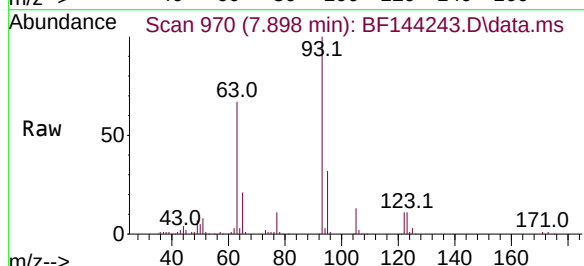
Tgt Ion: 93 Resp: 191324

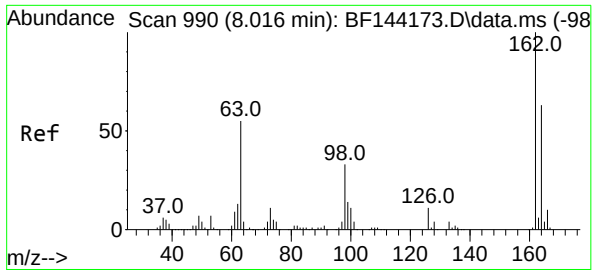
Ion Ratio Lower Upper

93 100

95 32.0 24.2 36.4

123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.555 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

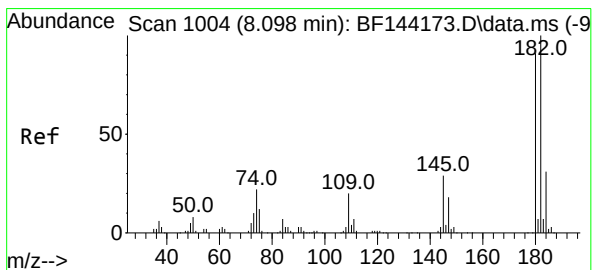
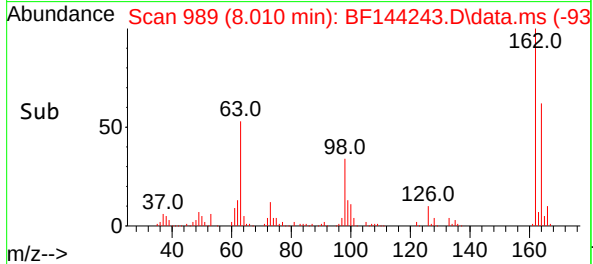
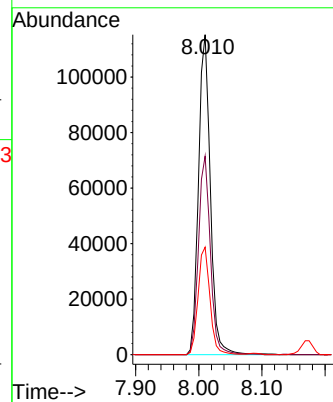
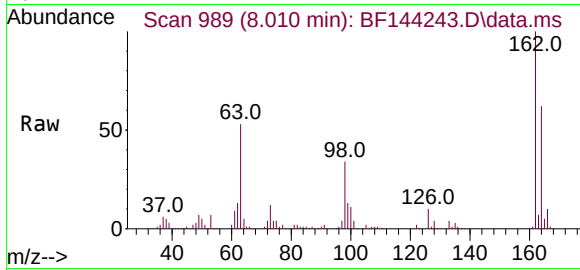
Tgt Ion:162 Resp: 150726

Ion Ratio Lower Upper

162 100

164 62.0 42.9 82.9

98 33.6 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 40.076 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

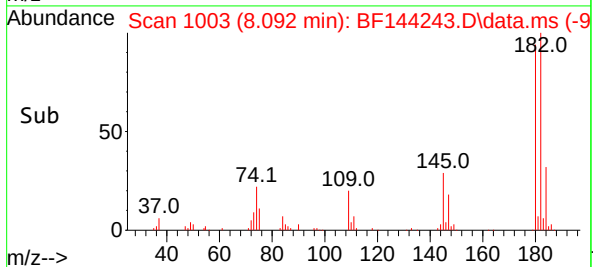
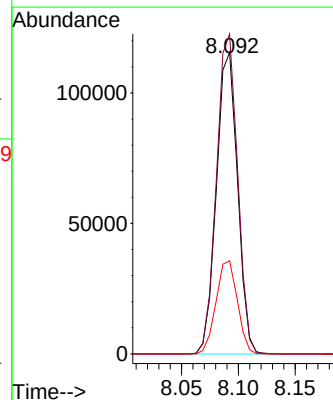
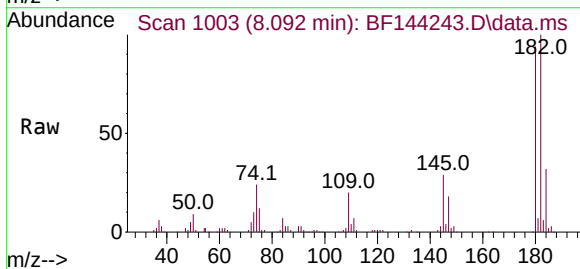
Tgt Ion:180 Resp: 149265

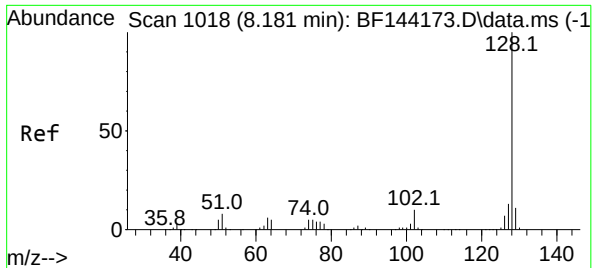
Ion Ratio Lower Upper

180 100

182 106.1 87.7 131.5

145 30.9 25.4 38.0

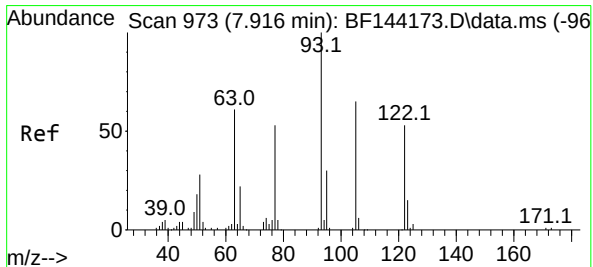
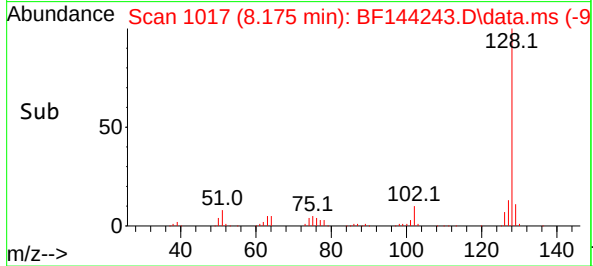
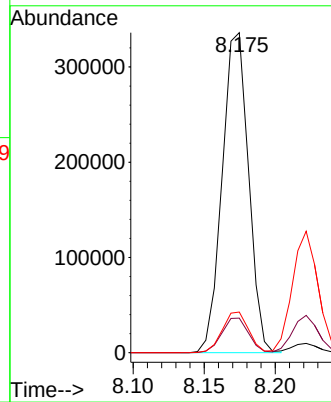
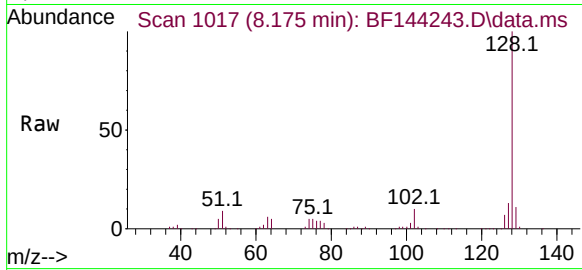




#31
Naphthalene
Concen: 40.524 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

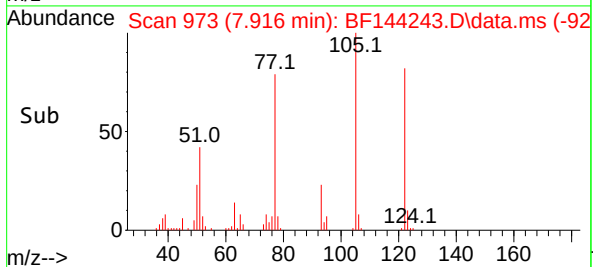
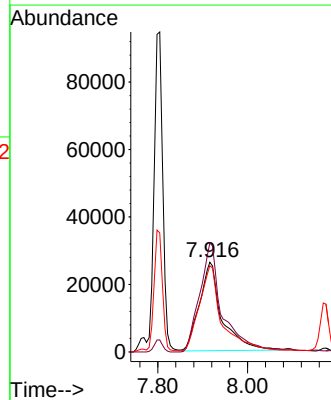
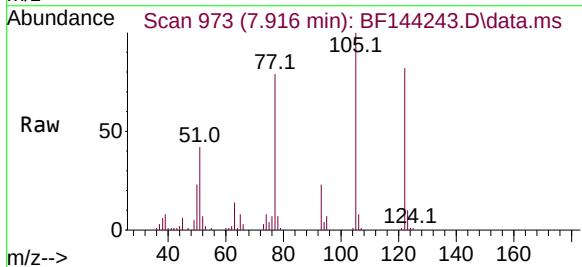
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

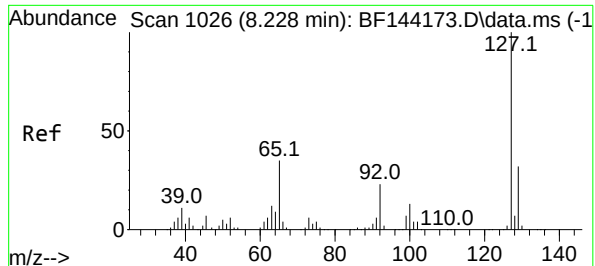
Tgt Ion:128 Resp: 434920
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.7 10.3 15.5



#32
Benzoic acid
Concen: 39.760 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:122 Resp: 91717
Ion Ratio Lower Upper
122 100
105 121.5 99.9 139.9
77 96.1 77.5 117.5





#33

4-Chloroaniline

Concen: 41.852 ng

RT: 8.222 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 163820

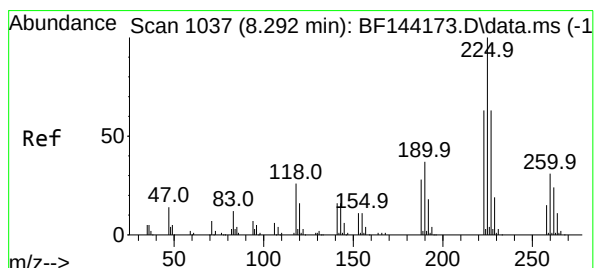
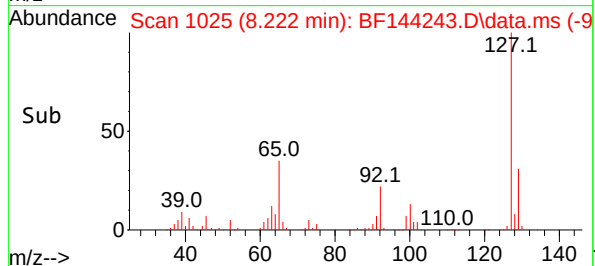
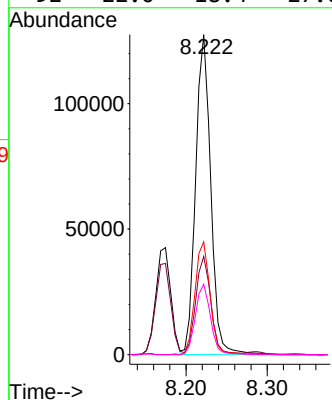
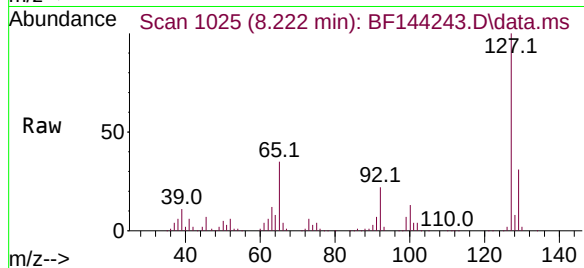
Ion Ratio Lower Upper

127 100

129 30.7 25.3 37.9

65 35.2 27.6 41.4

92 22.0 18.4 27.6



#34

Hexachlorobutadiene

Concen: 40.325 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

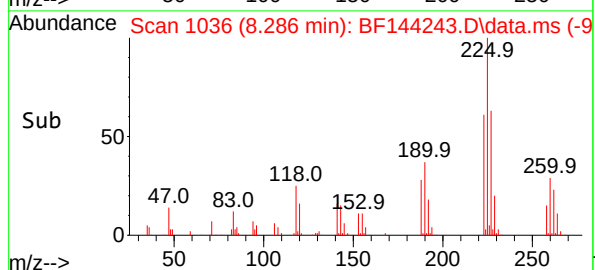
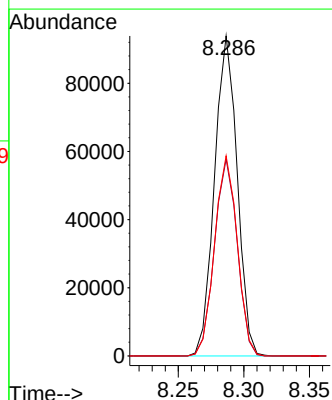
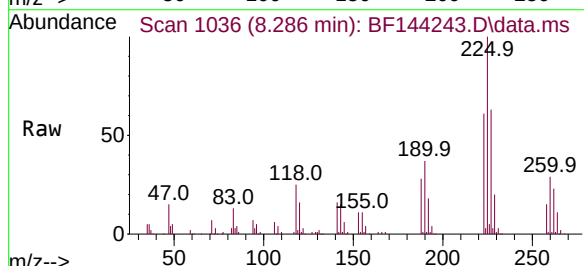
Tgt Ion:225 Resp: 113192

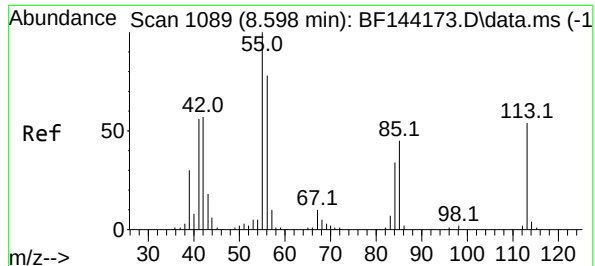
Ion Ratio Lower Upper

225 100

223 61.5 50.2 75.4

227 62.5 50.1 75.1





#35

Caprolactam

Concen: 41.553 ng

RT: 8.592 min Scan# 1088

Delta R.T. -0.029 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

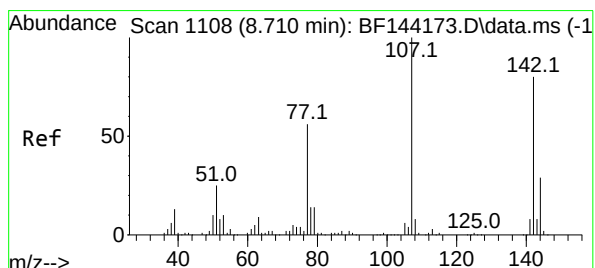
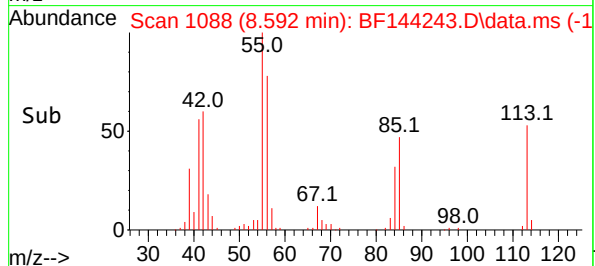
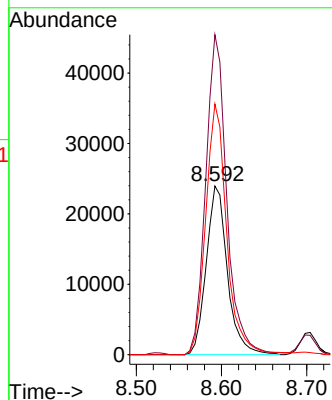
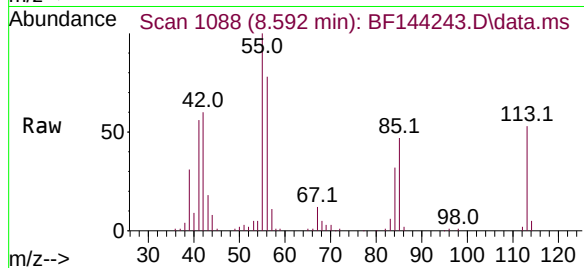
Tgt Ion:113 Resp: 41292

Ion Ratio Lower Upper

113 100

55 189.9 166.8 206.8

56 148.7 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 42.109 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

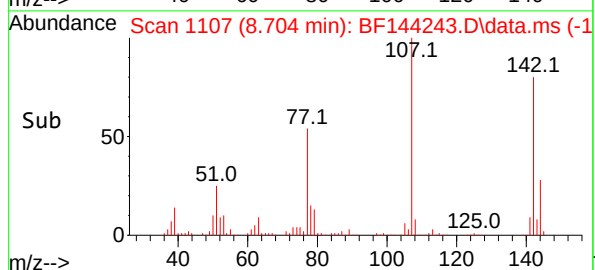
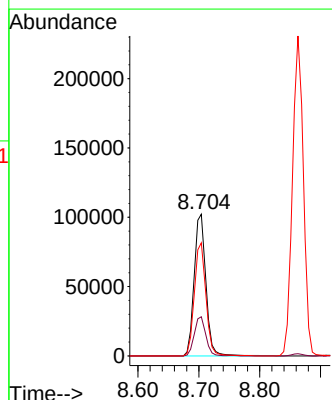
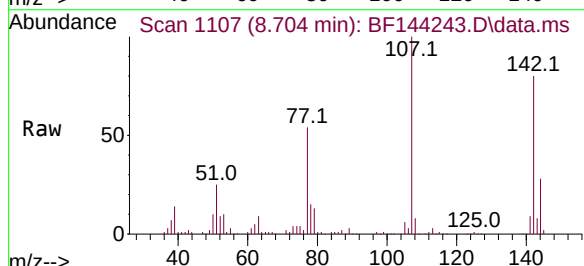
Tgt Ion:107 Resp: 136882

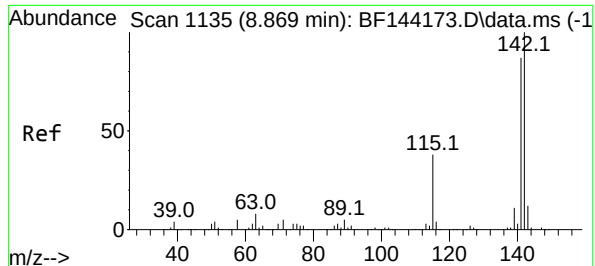
Ion Ratio Lower Upper

107 100

144 27.6 23.3 34.9

142 79.9 63.8 95.6





#37

2-Methylnaphthalene

Concen: 39.942 ng

RT: 8.863 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

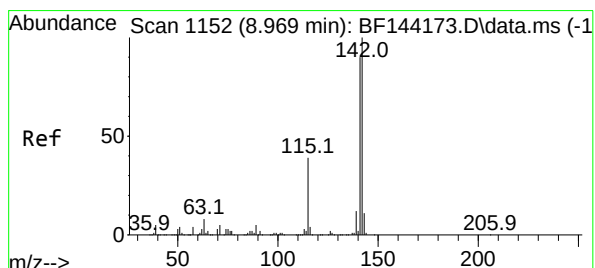
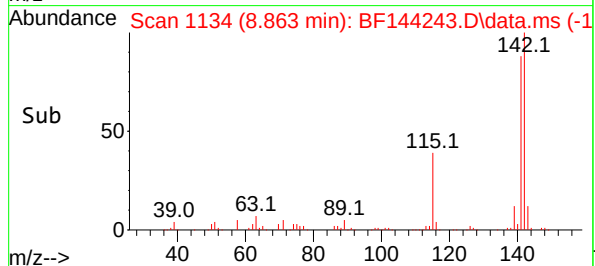
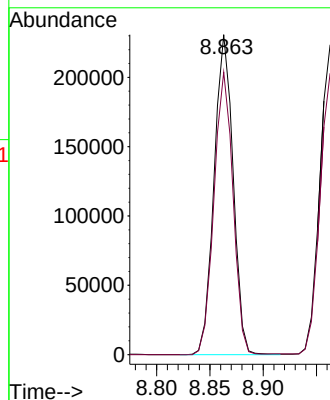
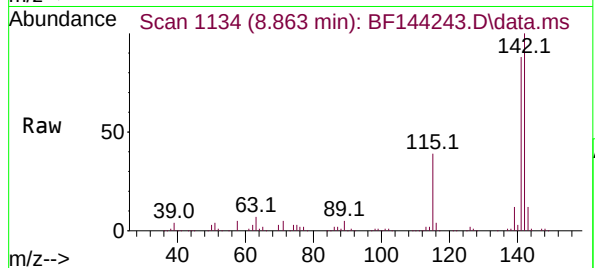
SSTDCCC040

Tgt Ion:142 Resp: 286611

Ion Ratio Lower Upper

142 100

141 88.3 69.9 104.9



#38

1-Methylnaphthalene

Concen: 40.073 ng

RT: 8.963 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF144243.D

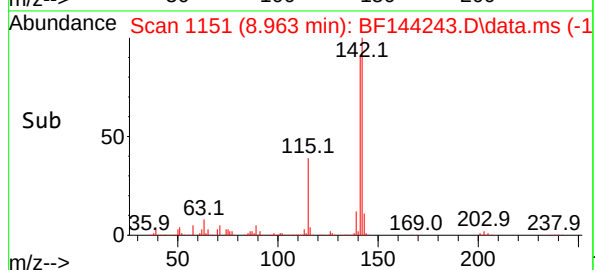
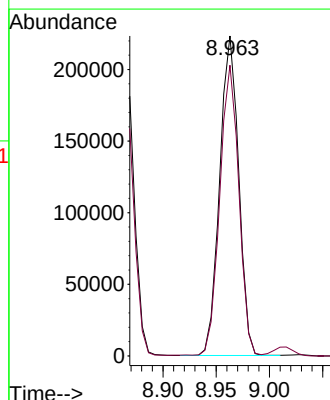
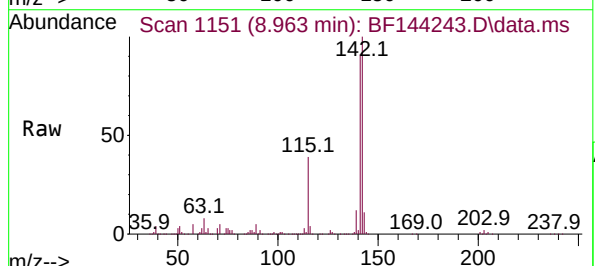
Acq: 13 Nov 2025 14:56

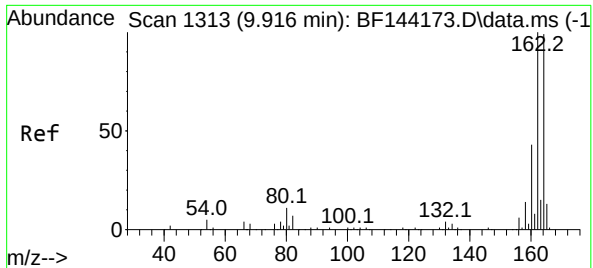
Tgt Ion:142 Resp: 277452

Ion Ratio Lower Upper

142 100

141 90.8 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF144243.D

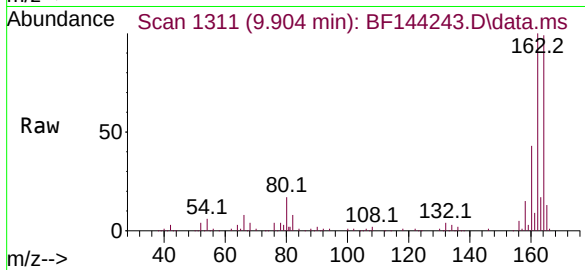
Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



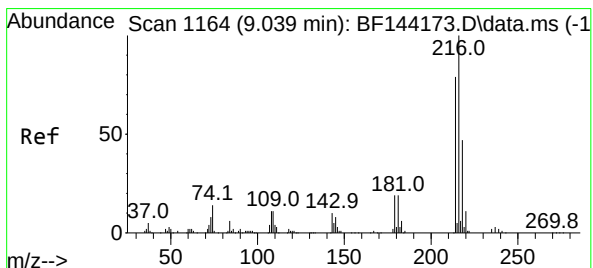
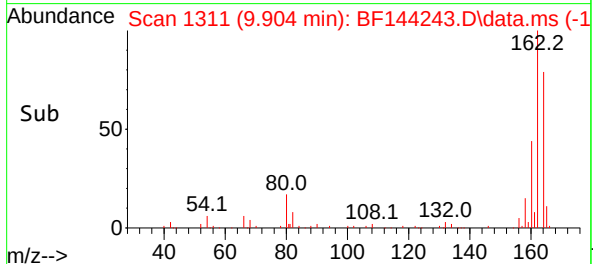
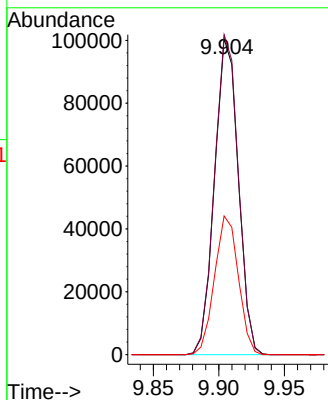
Tgt Ion:164 Resp: 126474

Ion Ratio Lower Upper

164 100

162 101.3 81.1 121.7

160 43.9 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.022 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Tgt Ion:216 Resp: 165890

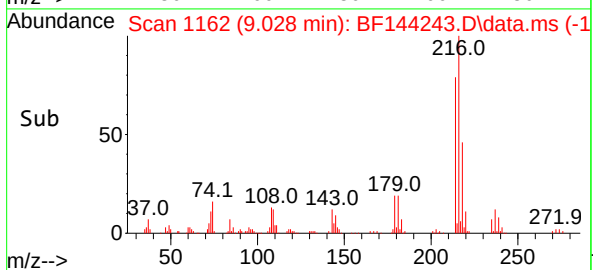
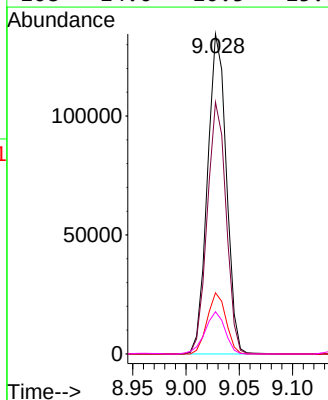
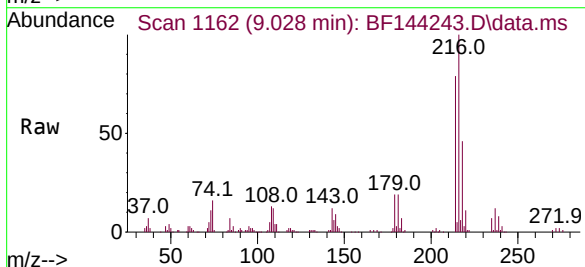
Ion Ratio Lower Upper

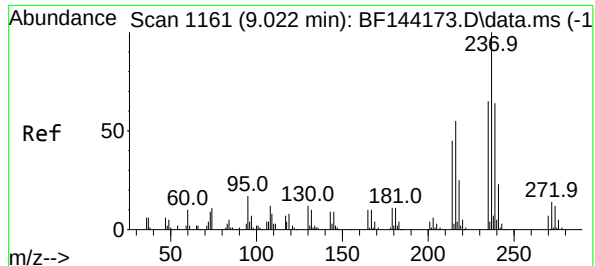
216 100

214 78.3 63.4 95.2

179 18.9 15.0 22.4

108 14.0 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 53.524 ng

RT: 9.016 min Scan# 1161

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

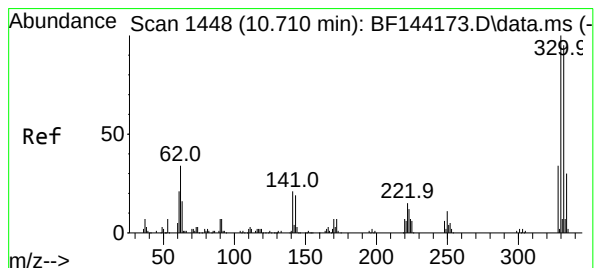
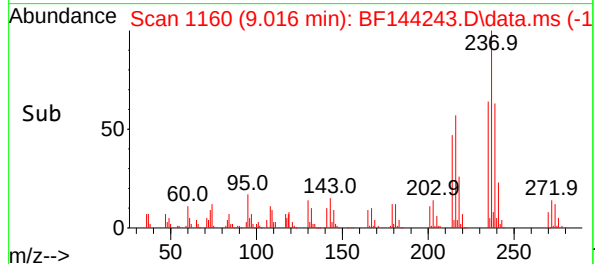
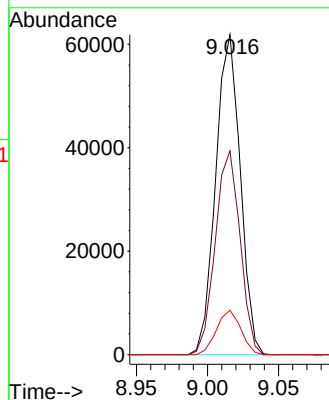
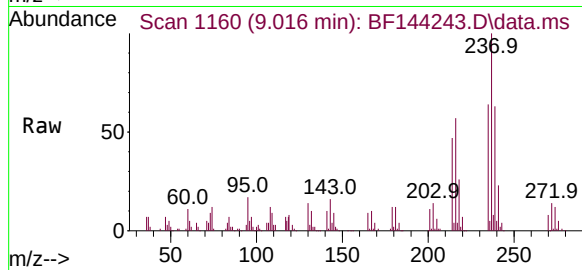
Tgt Ion:237 Resp: 74643

Ion Ratio Lower Upper

237 100

235 63.7 45.5 85.5

272 13.9 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 79.353 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

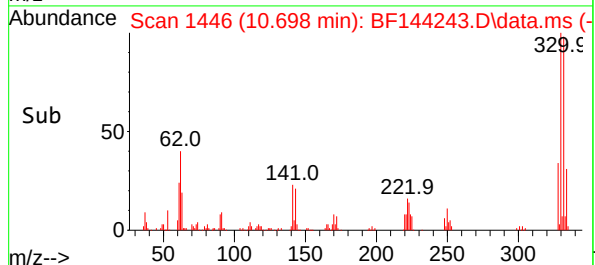
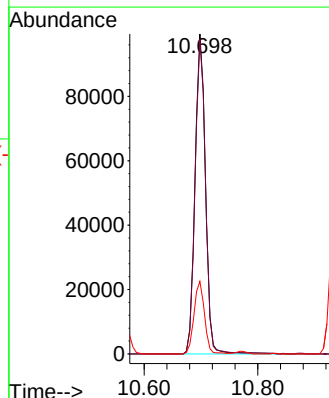
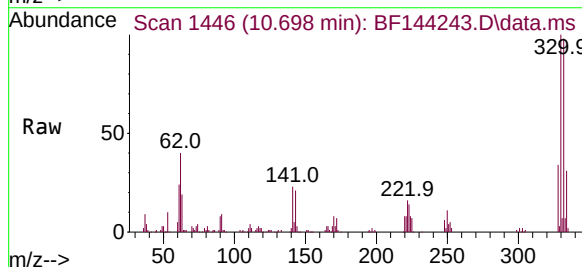
Tgt Ion:330 Resp: 125941

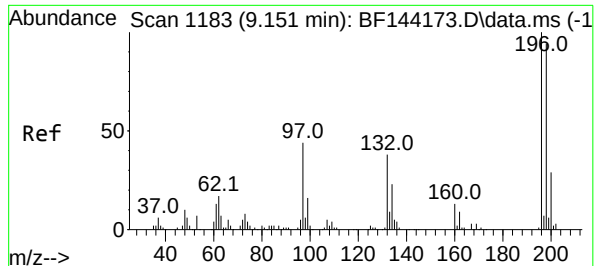
Ion Ratio Lower Upper

330 100

332 97.7 76.7 115.1

141 22.7 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 40.957 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

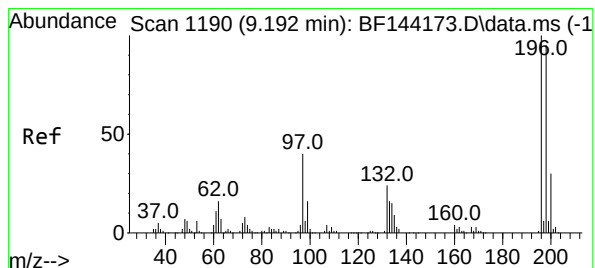
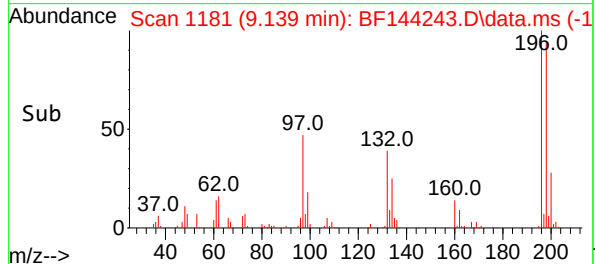
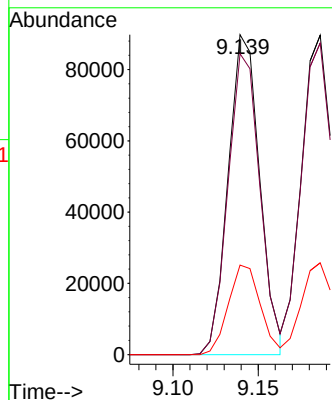
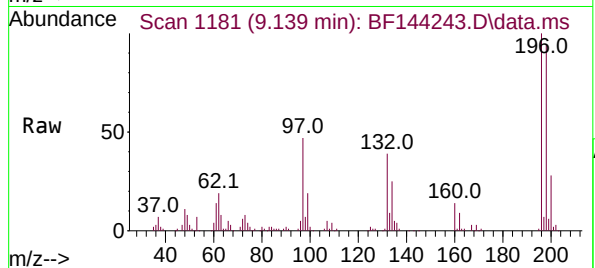
Tgt Ion:196 Resp: 115545

Ion Ratio Lower Upper

196 100

198 94.1 75.3 112.9

200 28.0 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 39.949 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Tgt Ion:196 Resp: 121468

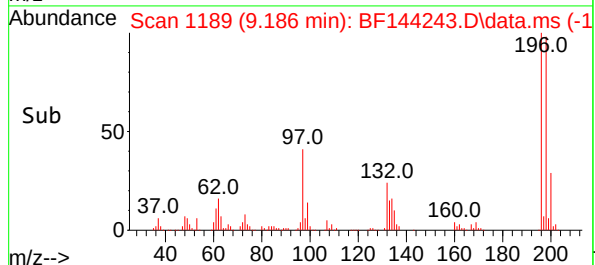
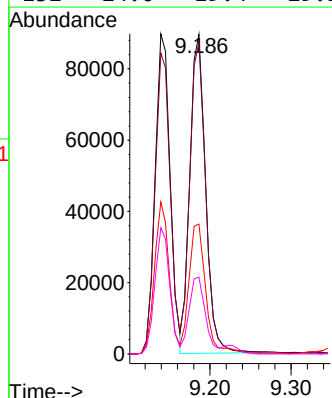
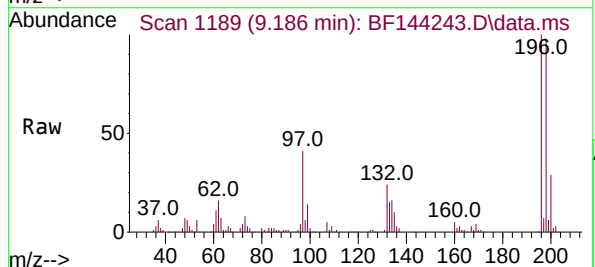
Ion Ratio Lower Upper

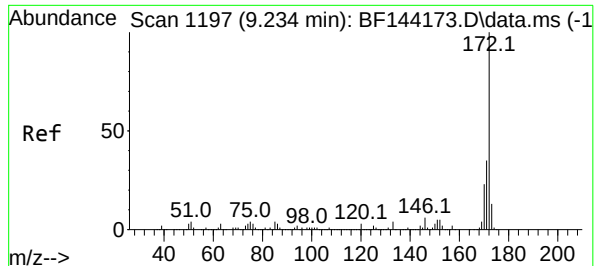
196 100

198 97.6 76.1 114.1

97 40.7 31.9 47.9

132 24.0 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 78.407 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

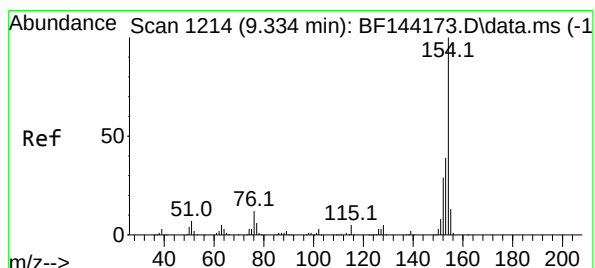
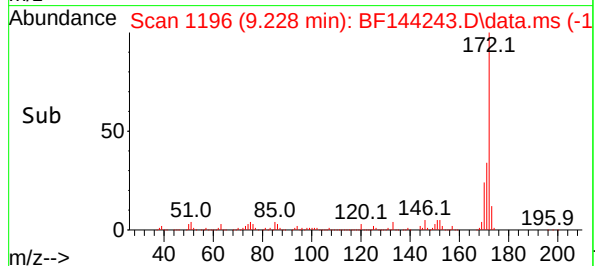
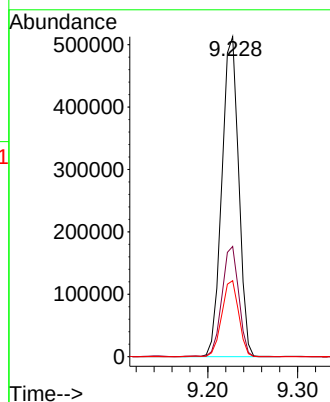
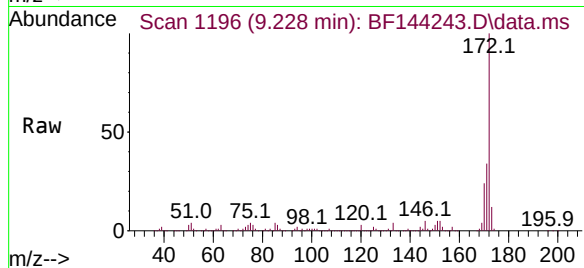
Tgt Ion:172 Resp: 671420

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 40.611 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

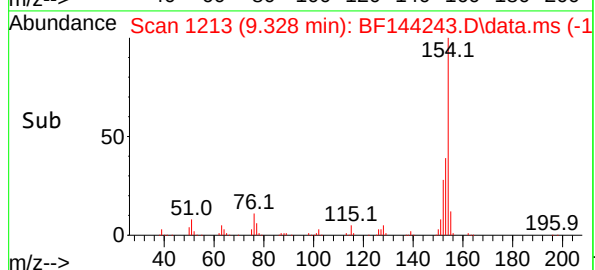
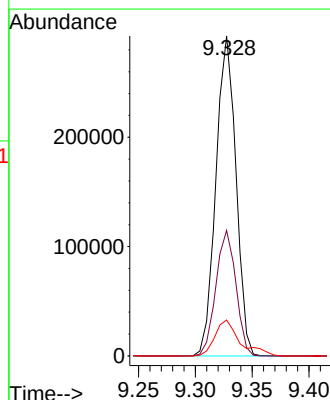
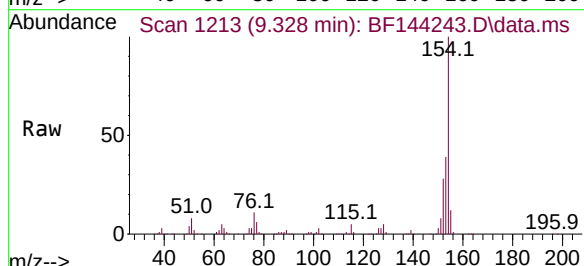
Tgt Ion:154 Resp: 358522

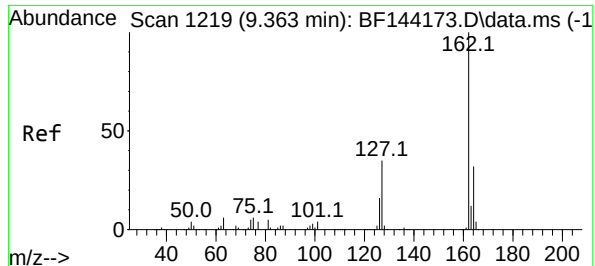
Ion Ratio Lower Upper

154 100

153 39.2 19.2 59.2

76 11.2 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.085 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

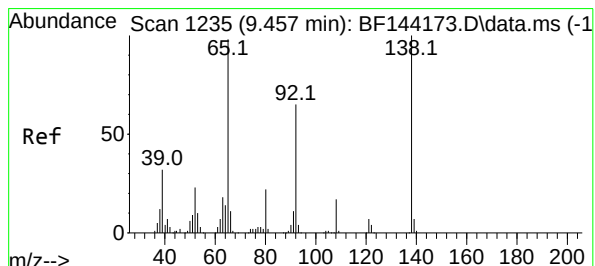
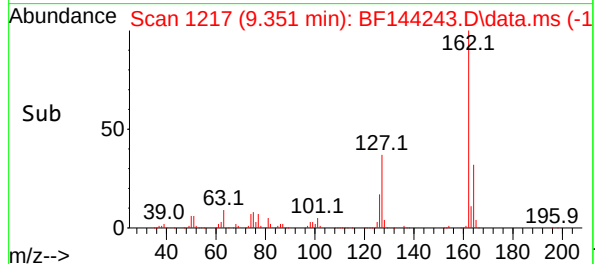
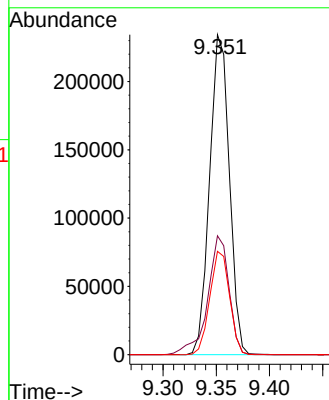
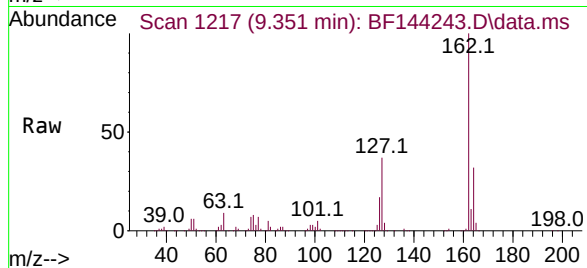
Tgt Ion:162 Resp: 301868

Ion Ratio Lower Upper

162 100

127 37.1 28.8 43.2

164 32.3 25.8 38.8



#48

2-Nitroaniline

Concen: 44.353 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

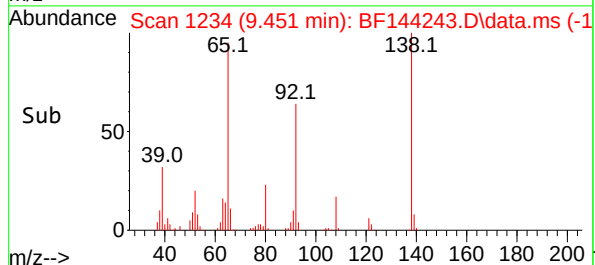
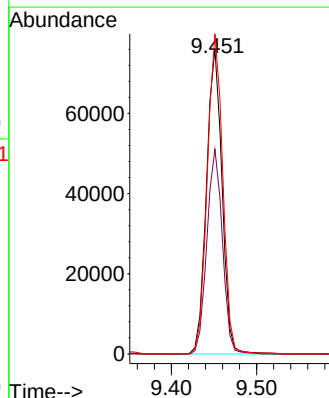
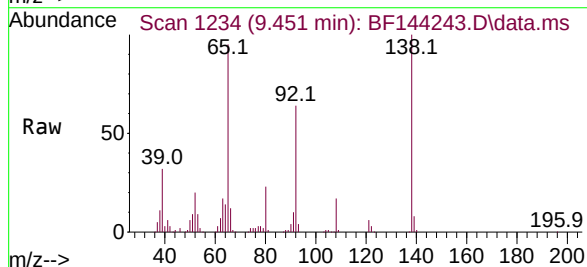
Tgt Ion: 65 Resp: 96372

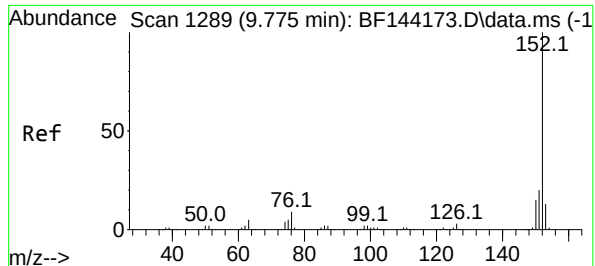
Ion Ratio Lower Upper

65 100

92 67.0 53.0 79.6

138 104.9 81.6 122.4





#49

Acenaphthylene

Concen: 40.524 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144243.D

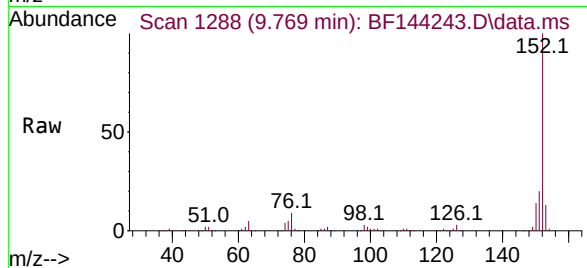
Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



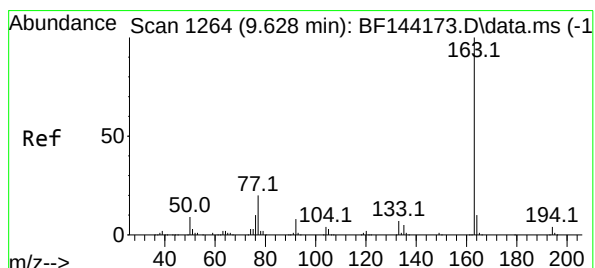
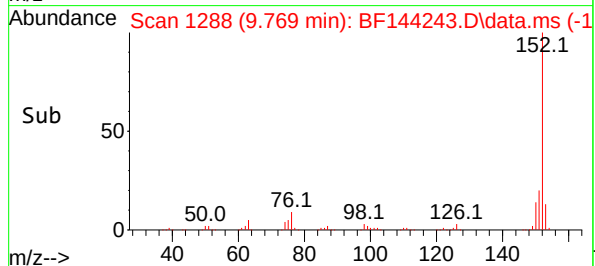
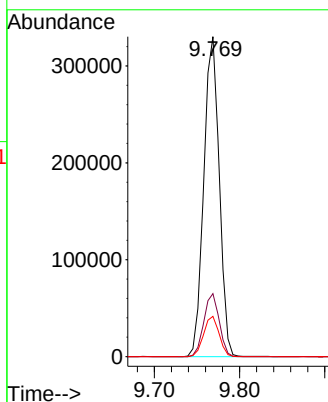
Tgt Ion:152 Resp: 415869

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

Concen: 41.145 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

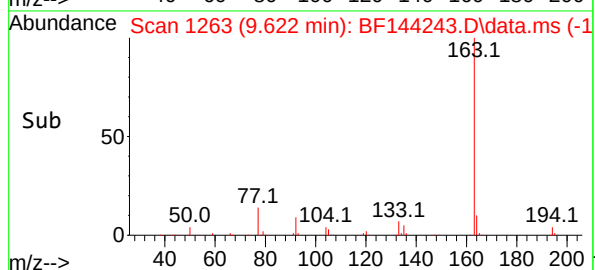
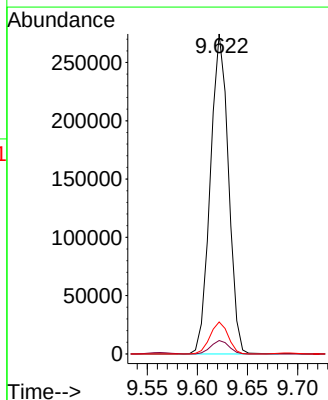
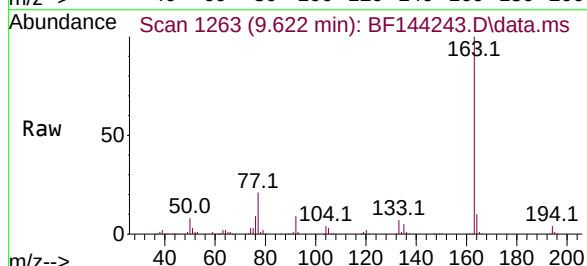
Tgt Ion:163 Resp: 344741

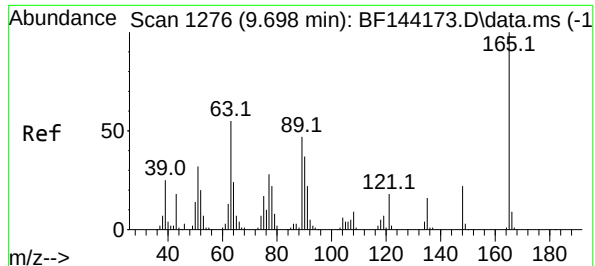
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 43.406 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

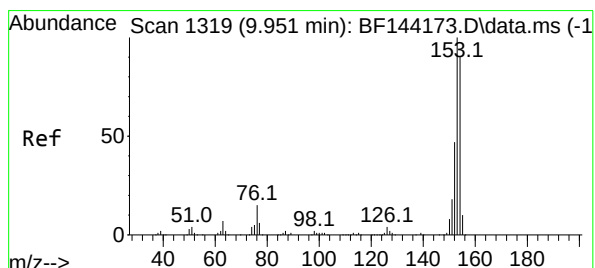
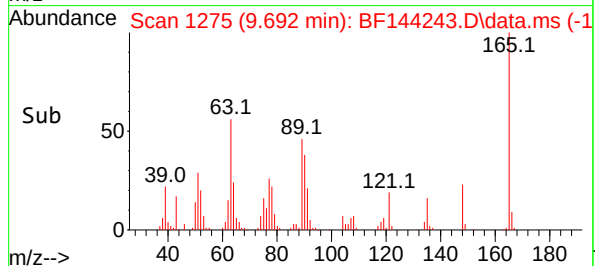
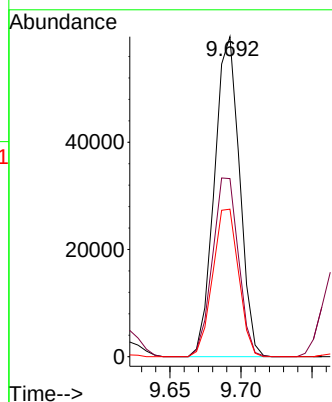
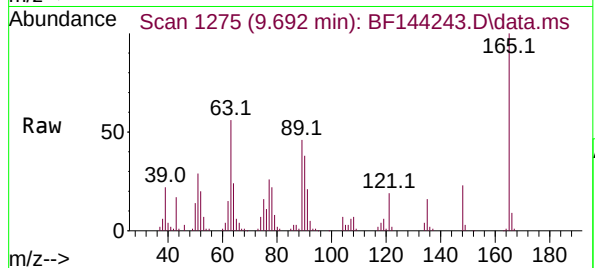
Tgt Ion:165 Resp: 73622

Ion Ratio Lower Upper

165 100

63 55.6 43.8 65.8

89 46.1 37.5 56.3



#52

Acenaphthene

Concen: 42.960 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

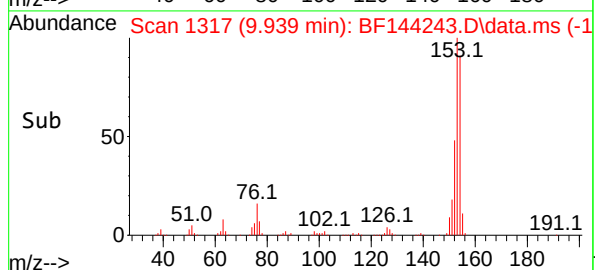
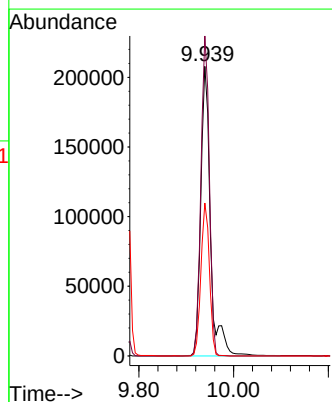
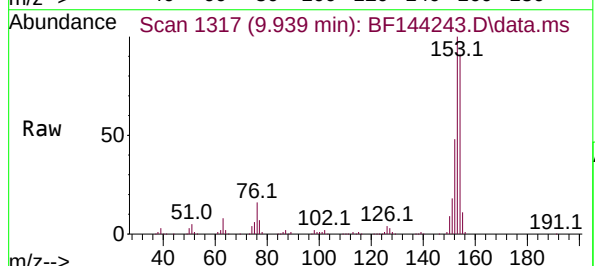
Tgt Ion:154 Resp: 294814

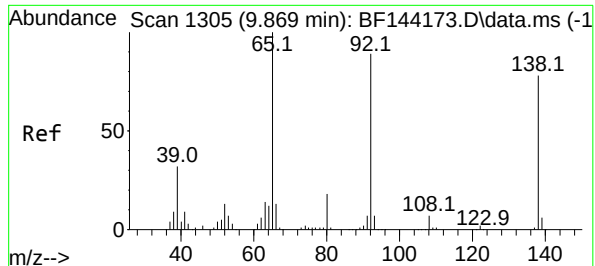
Ion Ratio Lower Upper

154 100

153 110.5 89.0 133.4

152 52.8 42.2 63.4





#53

3-Nitroaniline

Concen: 43.575 ng

RT: 9.863 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

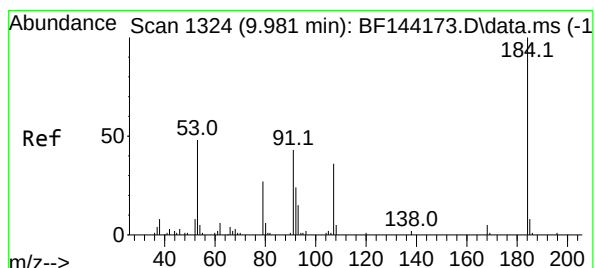
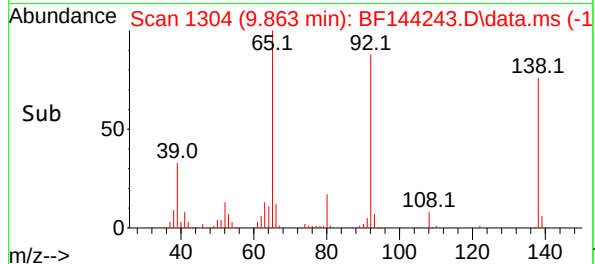
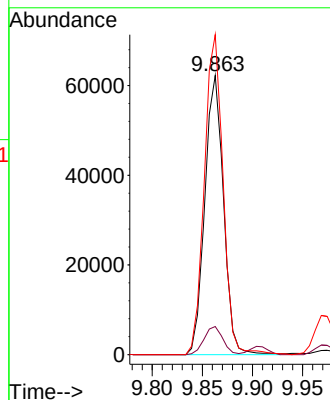
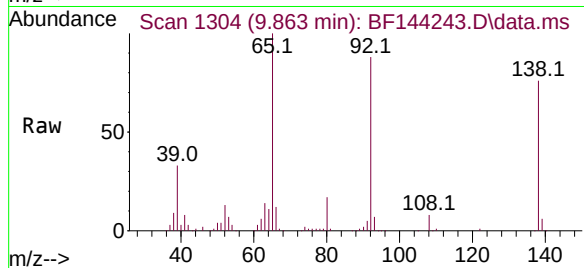
Tgt Ion:138 Resp: 80793

Ion Ratio Lower Upper

138 100

108 10.0 7.5 11.3

92 114.7 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 61.614 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

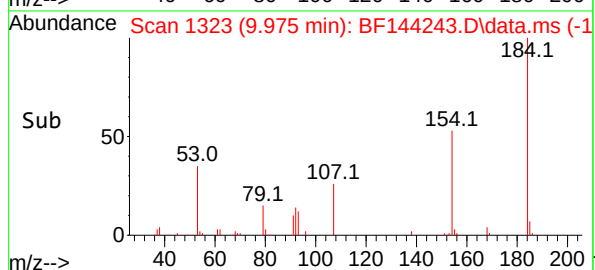
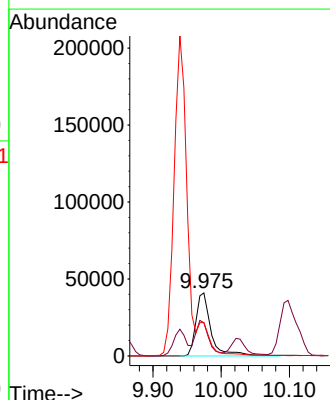
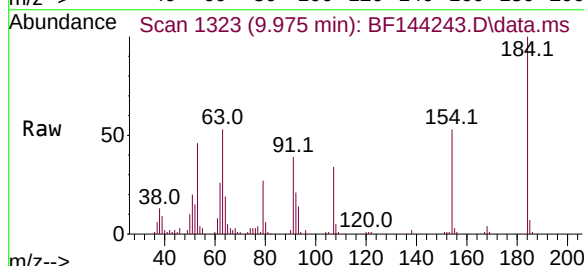
Tgt Ion:184 Resp: 63105

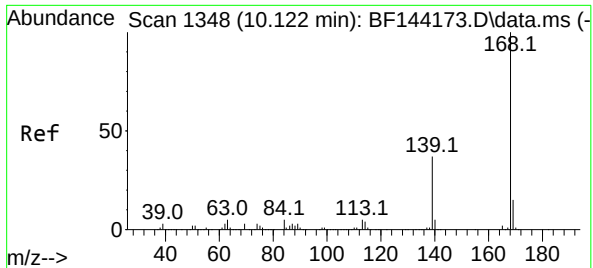
Ion Ratio Lower Upper

184 100

63 52.8 44.0 66.0

154 53.0 42.4 63.6





#55

Dibenzenofuran

Concen: 40.534 ng

RT: 10.110 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

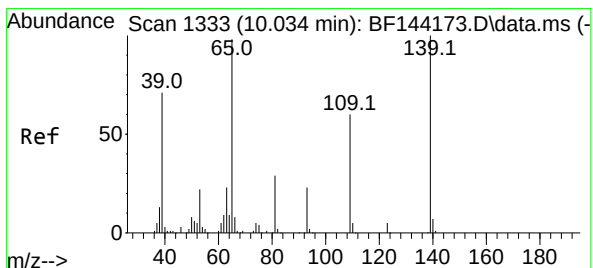
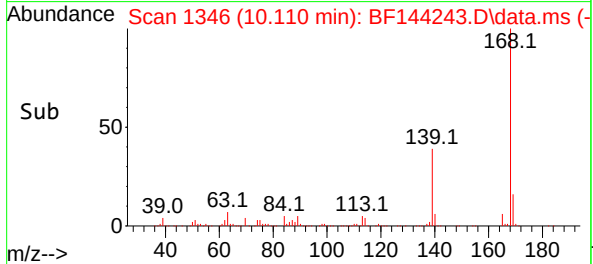
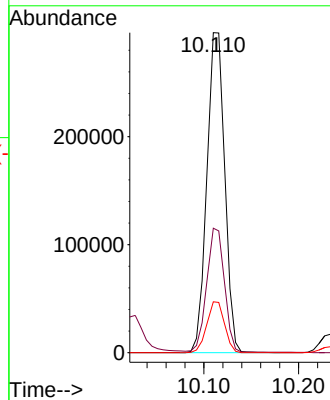
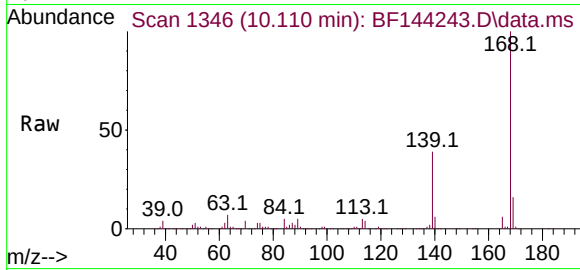
Tgt Ion:168 Resp: 389584

Ion Ratio Lower Upper

168 100

139 38.9 30.2 45.2

169 15.9 12.2 18.4



#56

4-Nitrophenol

Concen: 38.815 ng

RT: 10.027 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

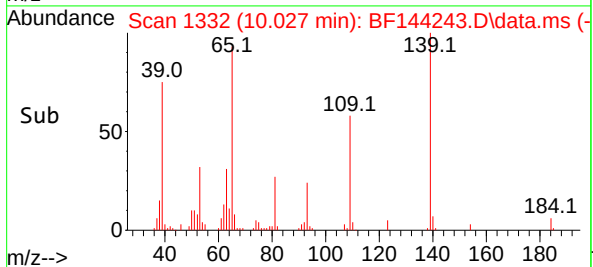
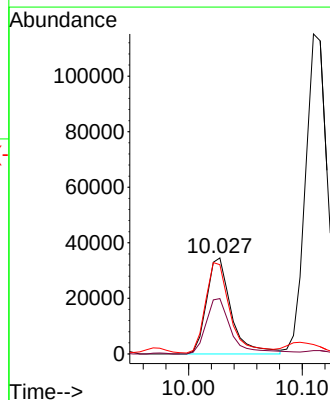
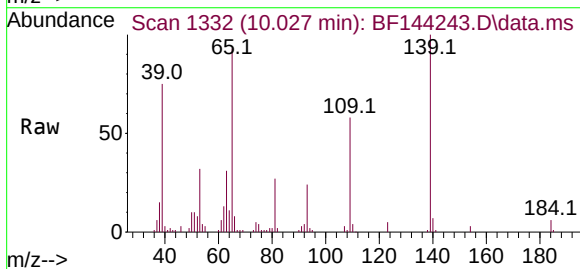
Tgt Ion:139 Resp: 52059

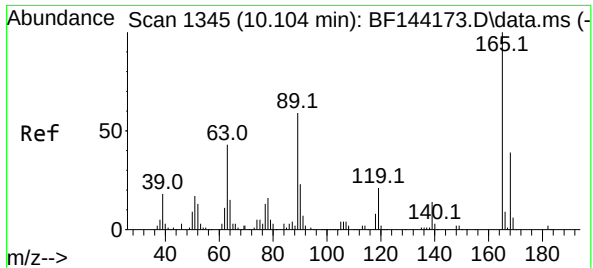
Ion Ratio Lower Upper

139 100

109 57.7 39.9 79.9

65 93.1 79.5 119.5

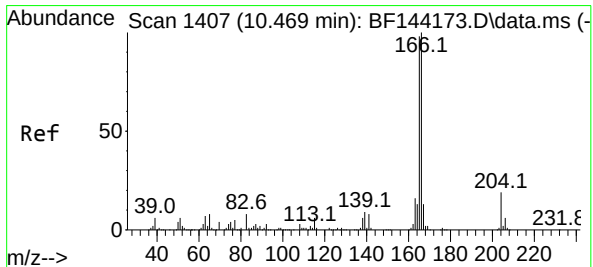
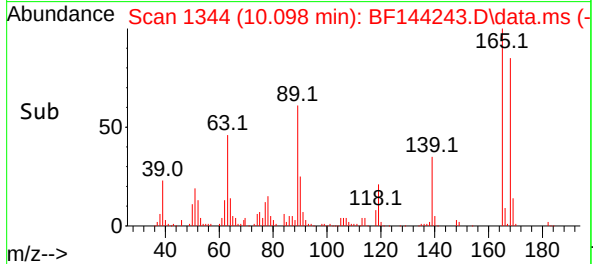
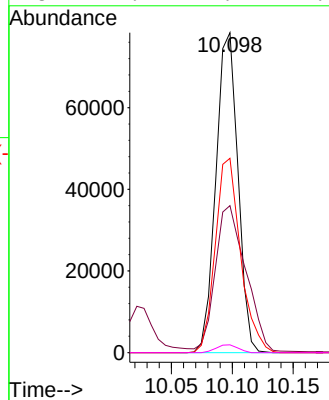
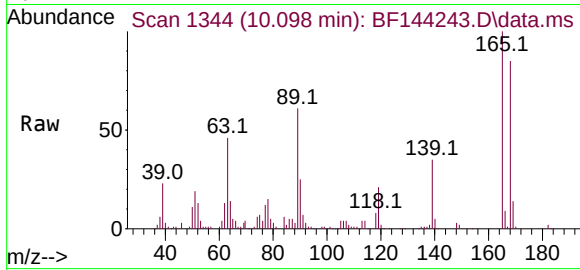




#57
2,4-Dinitrotoluene
Concen: 43.497 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

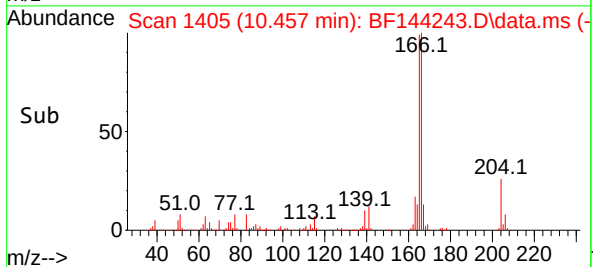
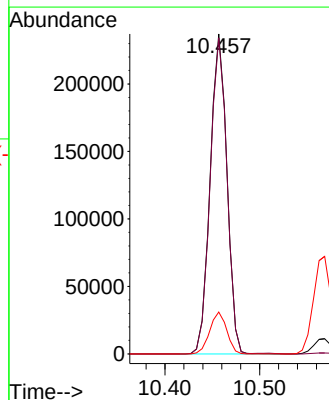
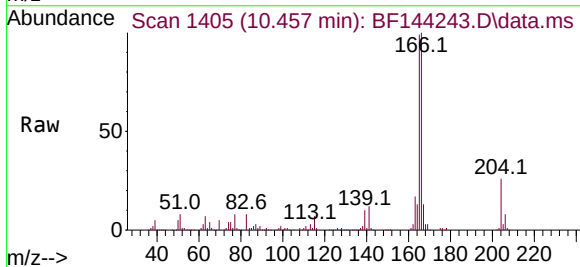
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

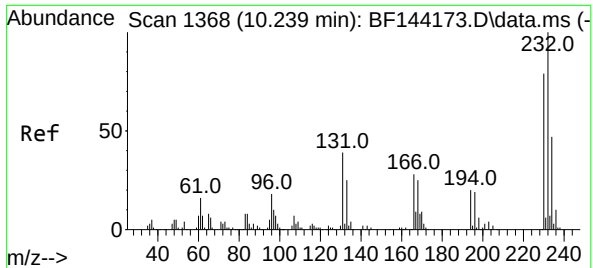
Tgt Ion:165 Resp: 98763
Ion Ratio Lower Upper
165 100
63 45.9 35.5 53.3
89 60.7 47.4 71.2
182 2.4 1.9 2.9



#58
Fluorene
Concen: 39.956 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:166 Resp: 291978
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.1 10.4 15.6

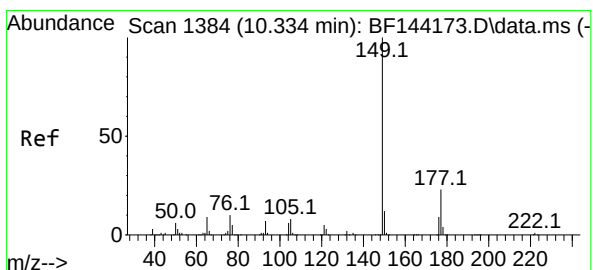
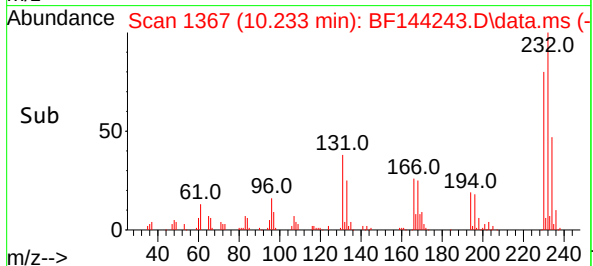
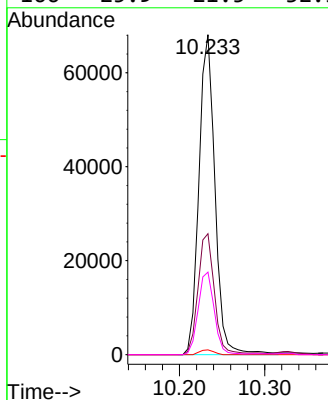
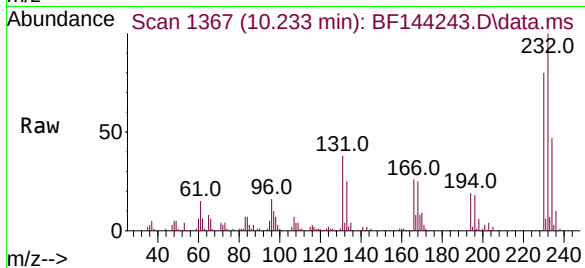




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.358 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

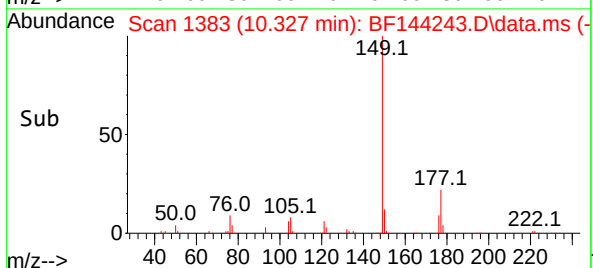
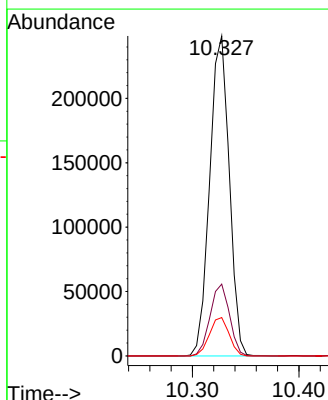
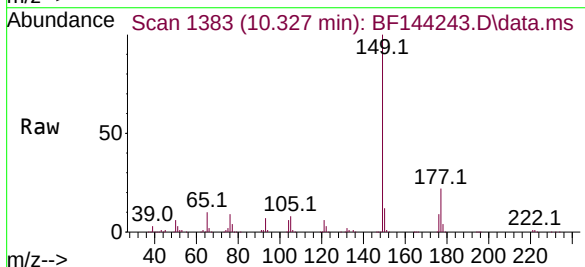
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

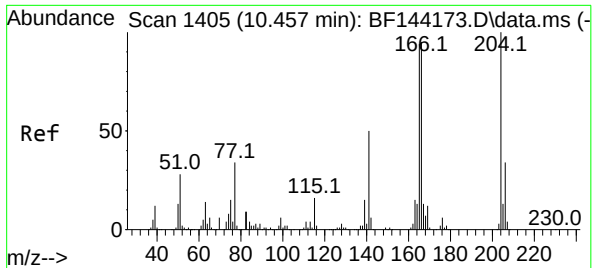
Tgt Ion:232 Resp: 88970
Ion Ratio Lower Upper
232 100
131 38.5 30.3 45.5
130 1.3 1.2 1.8
166 25.9 21.5 32.3



#60
Diethylphthalate
Concen: 40.971 ng
RT: 10.327 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:149 Resp: 316454
Ion Ratio Lower Upper
149 100
177 22.4 18.3 27.5
150 12.0 9.8 14.6

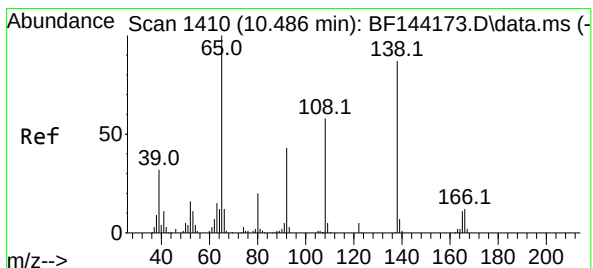
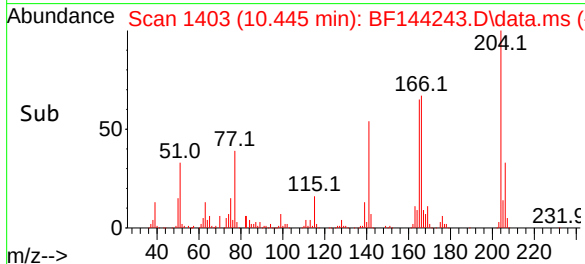
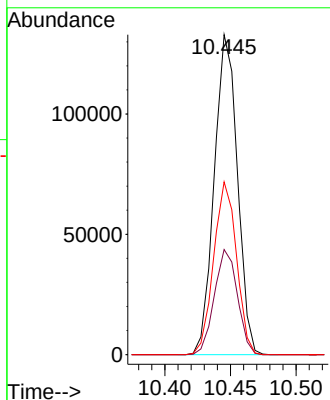
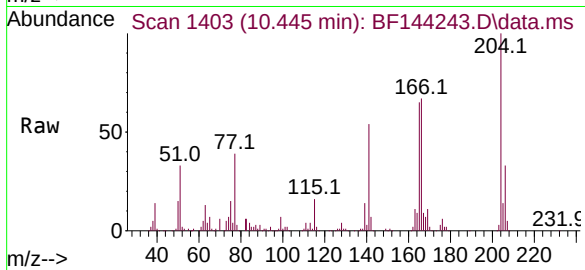




#61
4-Chlorophenyl-phenylether
Concen: 39.298 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

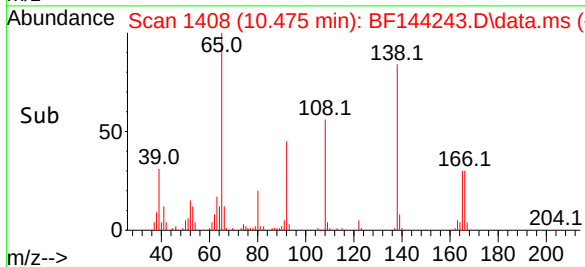
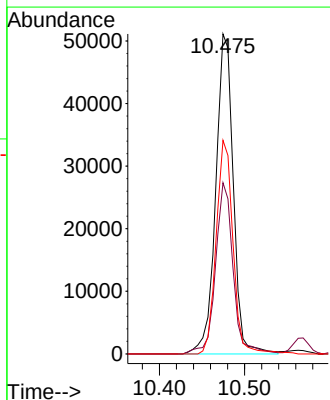
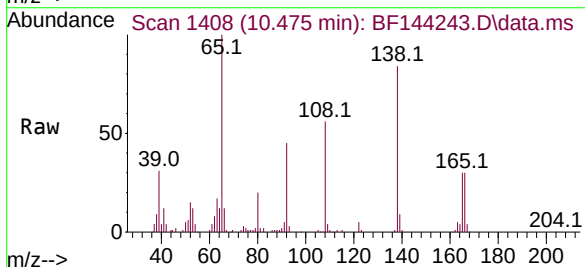
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

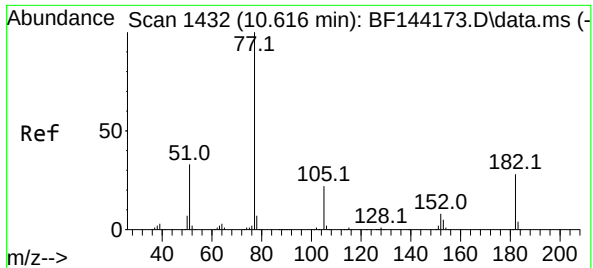
Tgt Ion:204 Resp: 163577
Ion Ratio Lower Upper
204 100
206 32.8 27.4 41.2
141 54.0 40.0 60.0



#62
4-Nitroaniline
Concen: 41.480 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:138 Resp: 73241
Ion Ratio Lower Upper
138 100
92 53.5 29.4 69.4
108 66.7 46.4 86.4

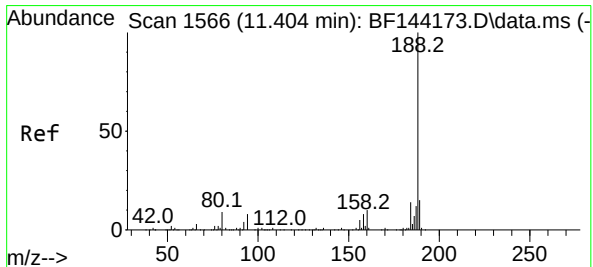
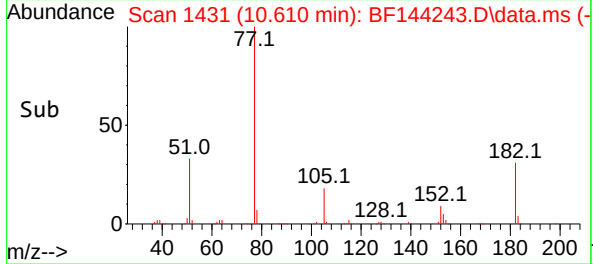
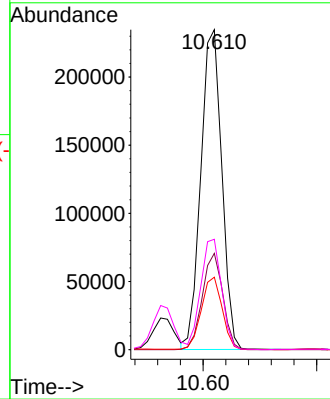
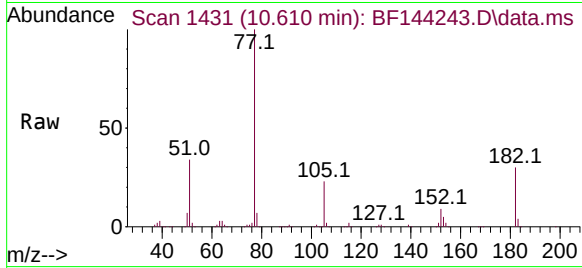




#63
Azobenzene
Concen: 41.845 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

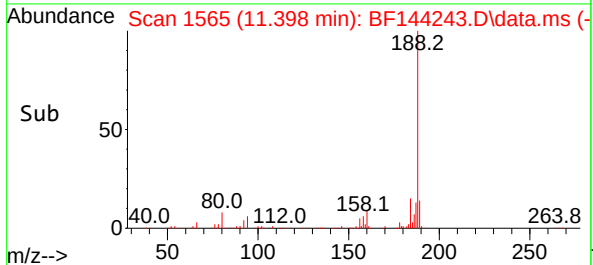
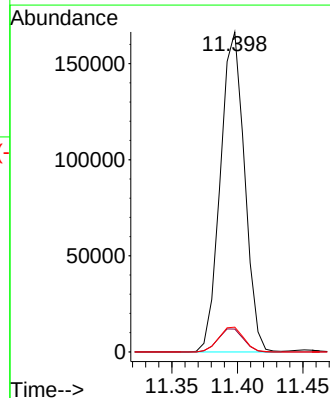
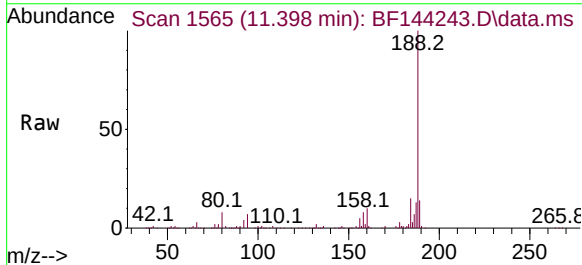
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

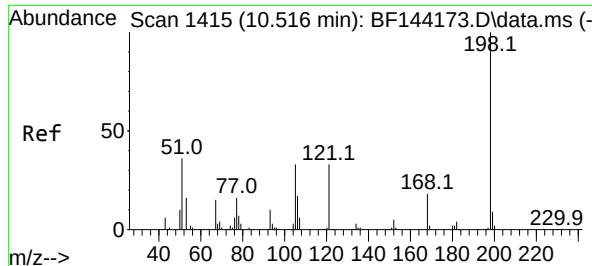
Tgt Ion: 77 Resp: 300797
Ion Ratio Lower Upper
77 100
182 30.1 8.1 48.1
105 22.6 2.0 42.0
51 34.5 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion: 188 Resp: 214028
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 7.7 6.9 10.3

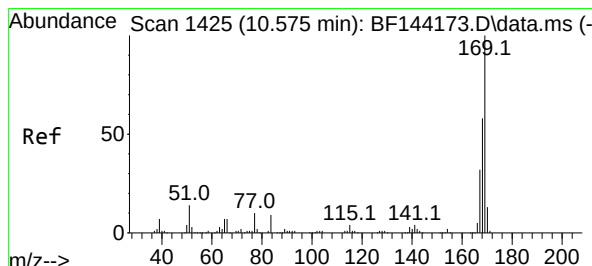
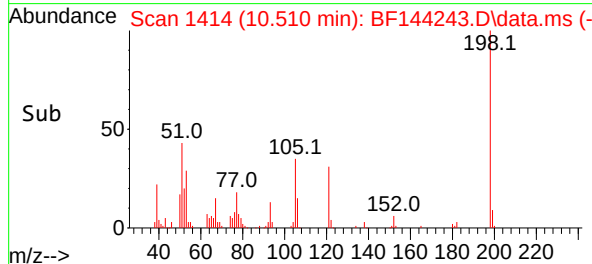
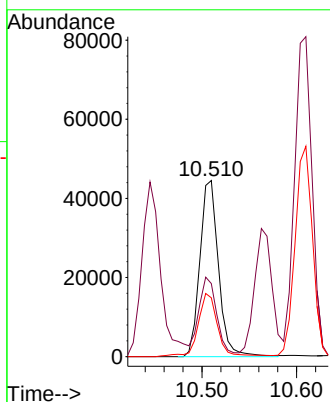
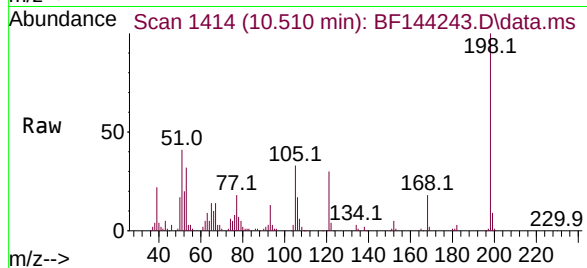




#65
4,6-Dinitro-2-methylphenol
Concen: 41.883 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

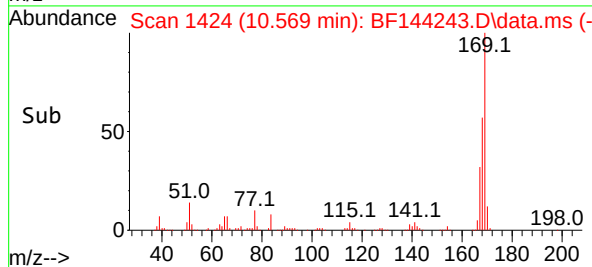
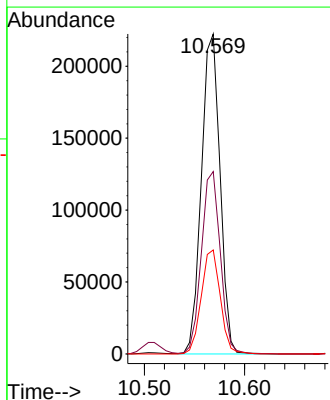
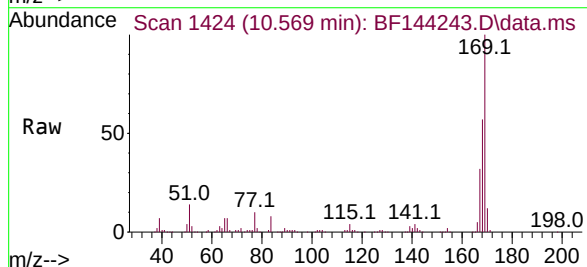
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

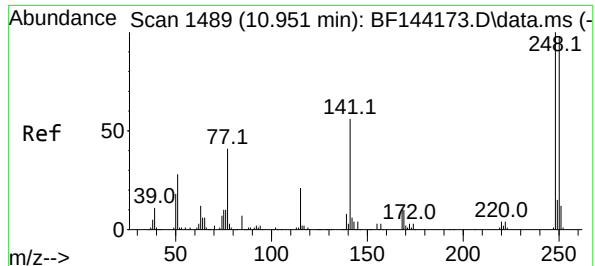
Tgt Ion:198 Resp: 60897
Ion Ratio Lower Upper
198 100
51 41.5 25.6 65.6
105 33.4 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 41.574 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:169 Resp: 286181
Ion Ratio Lower Upper
169 100
168 57.0 46.2 69.2
167 32.5 25.7 38.5

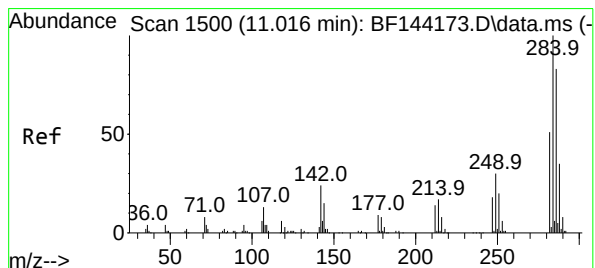
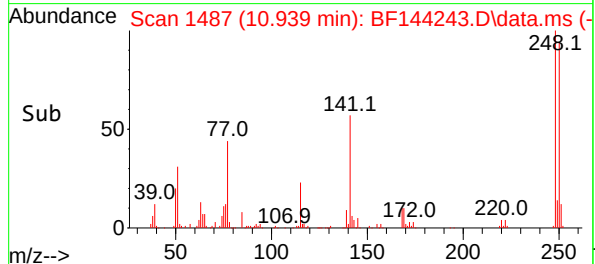
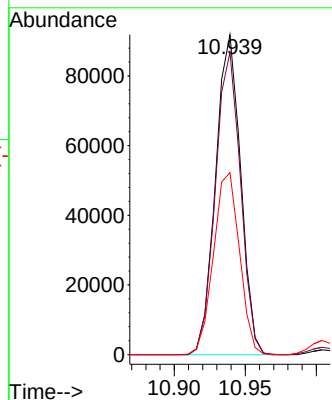
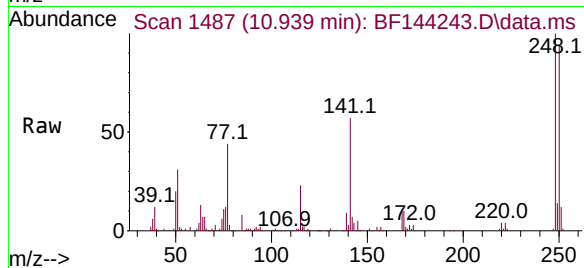




#67
4-Bromophenyl-phenylether
Concen: 41.239 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

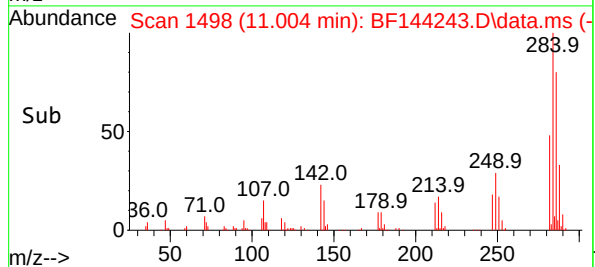
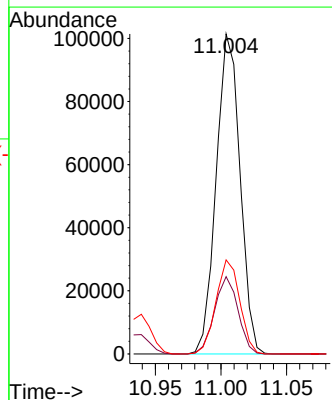
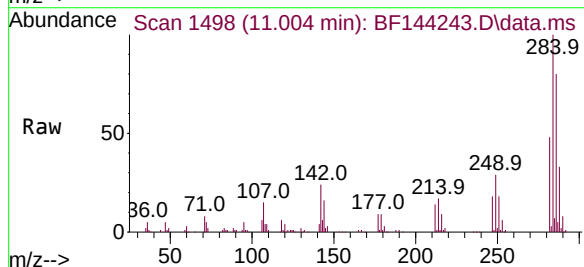
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

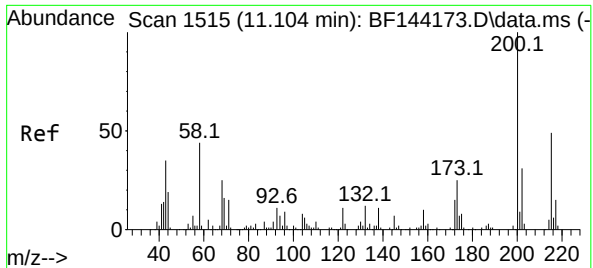
Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.5	78.4	117.6
141	56.9	45.1	67.7



#68
Hexachlorobenzene
Concen: 39.877 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.1	19.2	28.8
249	29.4	23.8	35.8





#69

Atrazine

Concen: 37.102 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

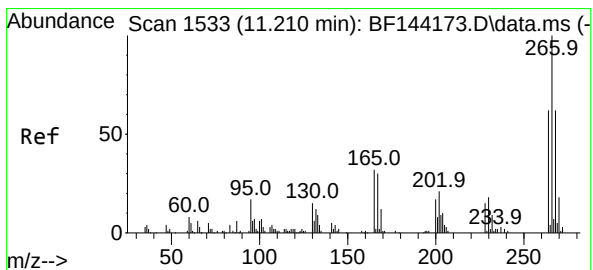
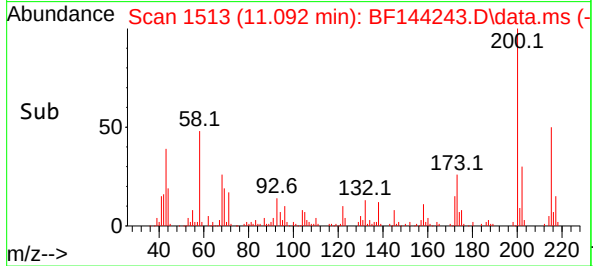
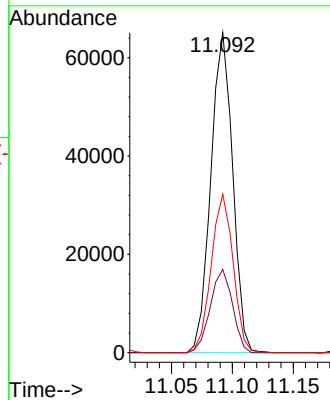
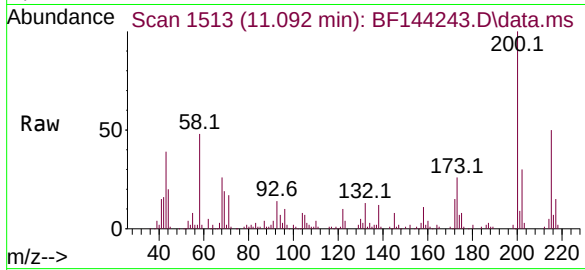
Tgt Ion:200 Resp: 81223

Ion Ratio Lower Upper

200 100

173 26.0 5.0 45.0

215 49.6 28.7 68.7



#70

Pentachlorophenol

Concen: 39.017 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

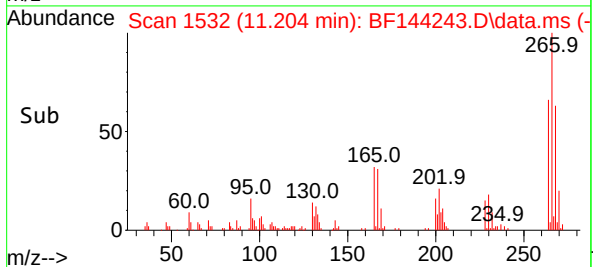
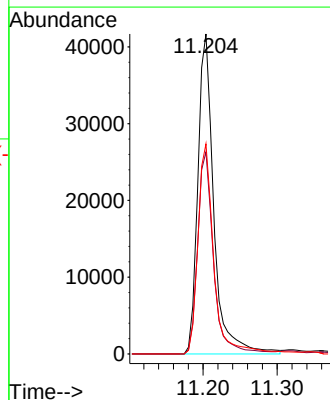
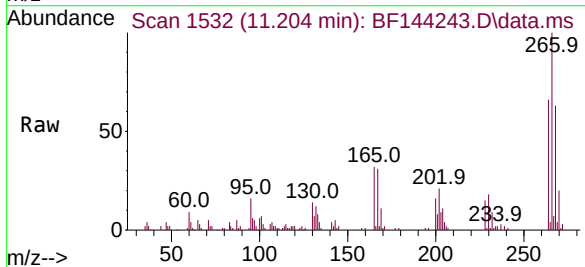
Tgt Ion:266 Resp: 62518

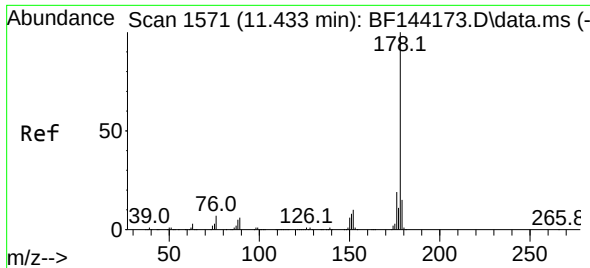
Ion Ratio Lower Upper

266 100

268 63.1 49.5 74.3

264 65.6 49.4 74.2

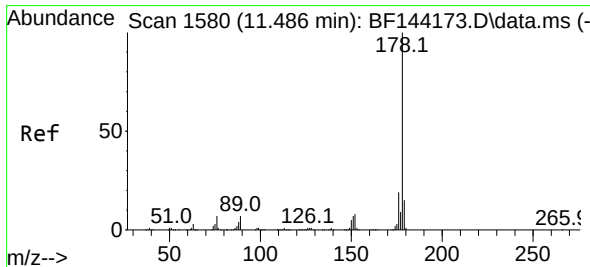
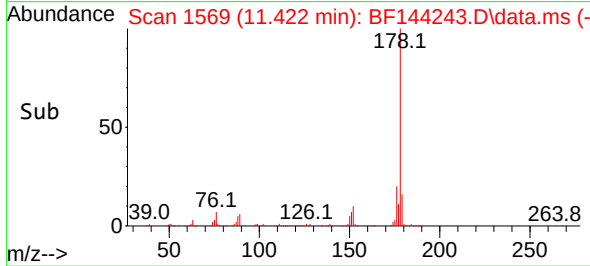
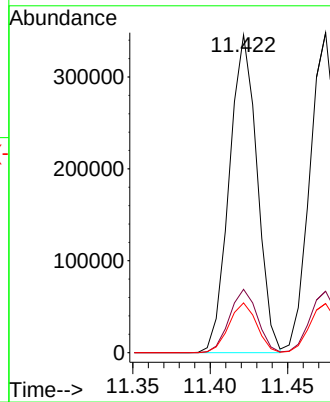
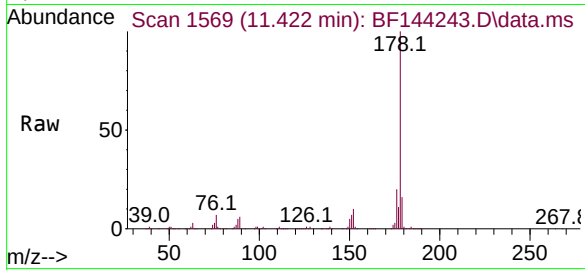




#71
Phenanthrene
Concen: 40.455 ng
RT: 11.422 min Scan# 11422
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

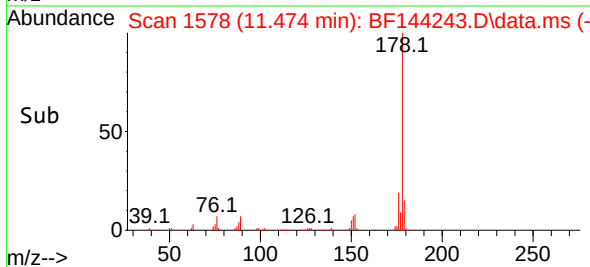
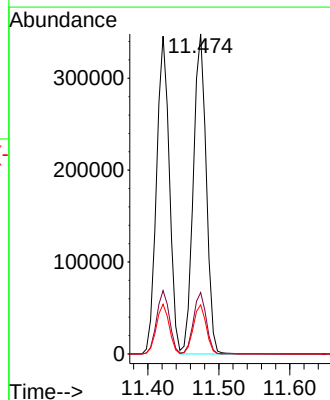
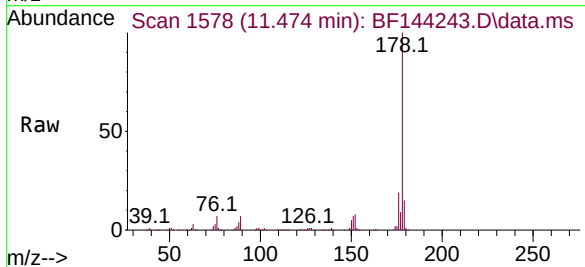
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

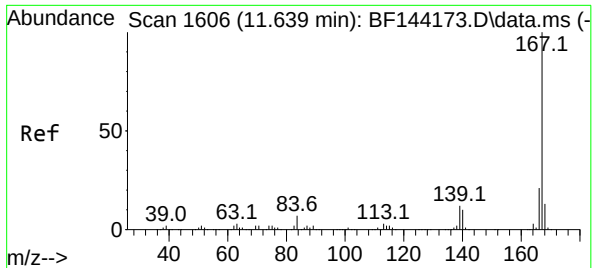
Tgt Ion:178 Resp: 431095
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.7 12.2 18.4



#72
Anthracene
Concen: 40.587 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:178 Resp: 439781
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.3 12.0 18.0

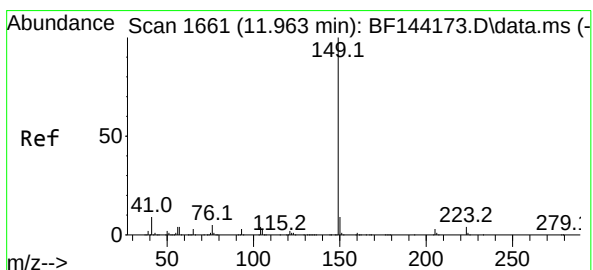
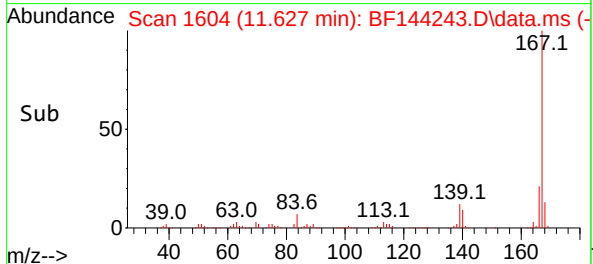
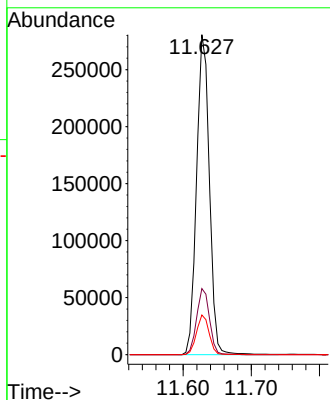
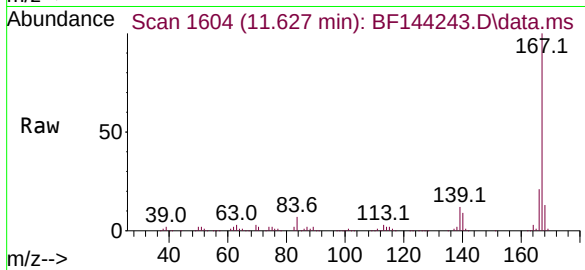




#73
 Carbazole
 Concen: 39.818 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144243.D
 Acq: 13 Nov 2025 14:56

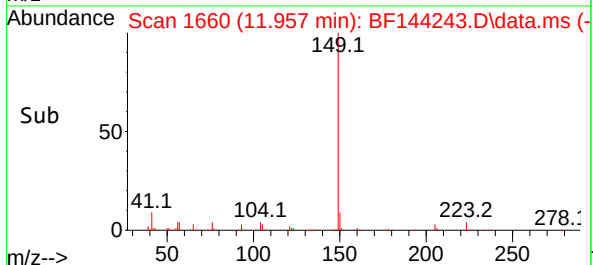
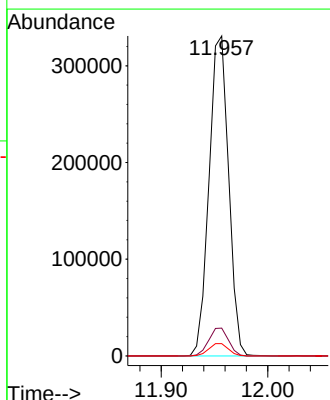
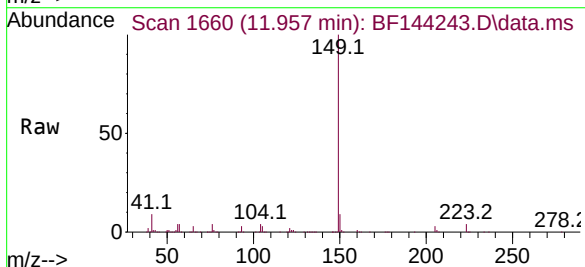
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

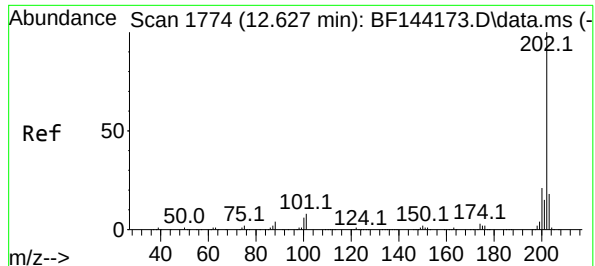
Tgt Ion:167 Resp: 366873
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.2 25.8
 139 12.4 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 37.967 ng
 RT: 11.957 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: BF144243.D
 Acq: 13 Nov 2025 14:56

Tgt Ion:149 Resp: 422893
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.0
 104 3.8 3.4 5.2





#75

Fluoranthene

Concen: 37.938 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

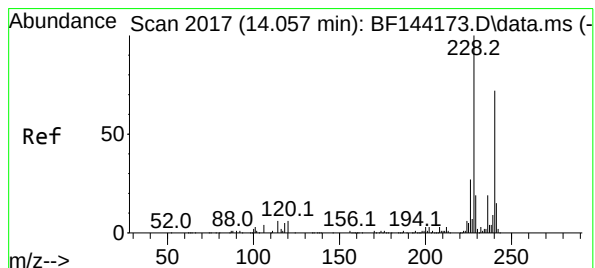
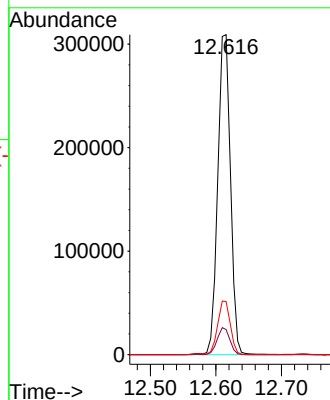
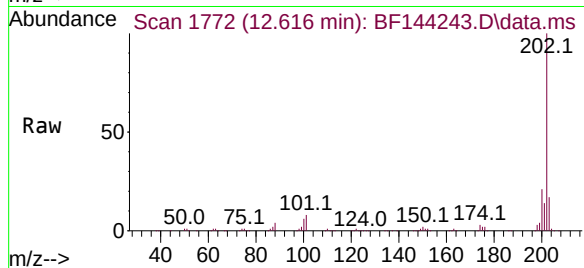
Tgt Ion:202 Resp: 417617

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.9

203 16.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

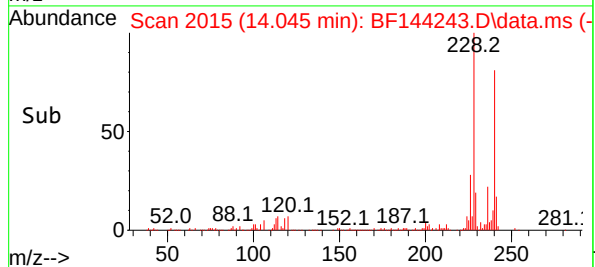
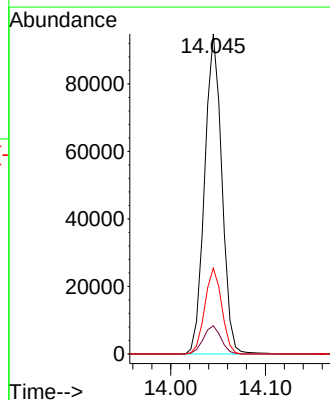
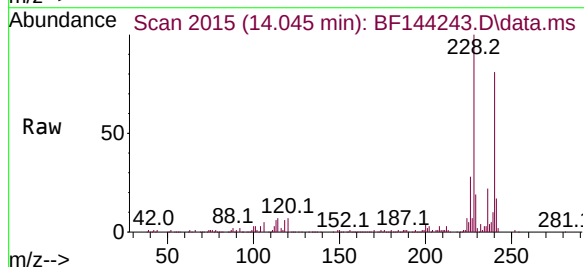
Tgt Ion:240 Resp: 119800

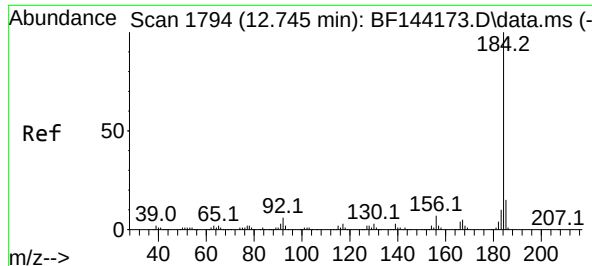
Ion Ratio Lower Upper

240 100

120 8.8 6.6 10.0

236 26.8 21.4 32.2





#77

Benzidine

Concen: 45.111 ng

RT: 12.733 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

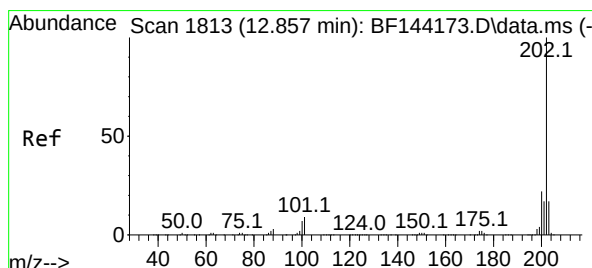
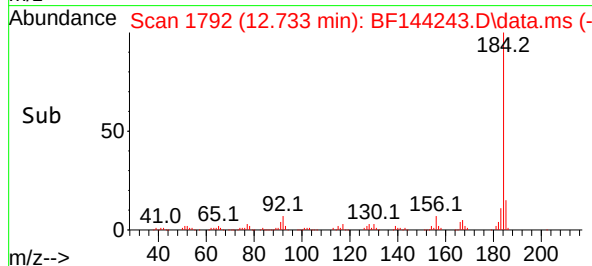
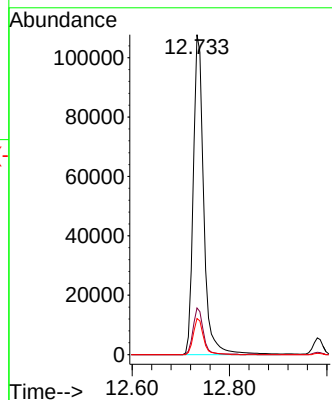
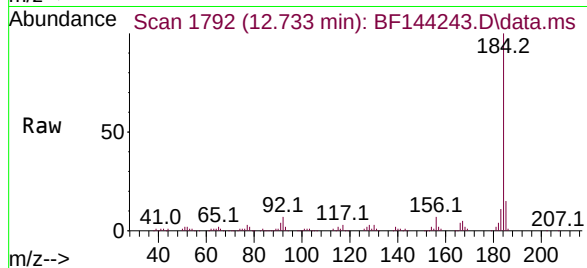
Tgt Ion:184 Resp: 159854

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 11.3 8.3 12.5



#78

Pyrene

Concen: 43.973 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

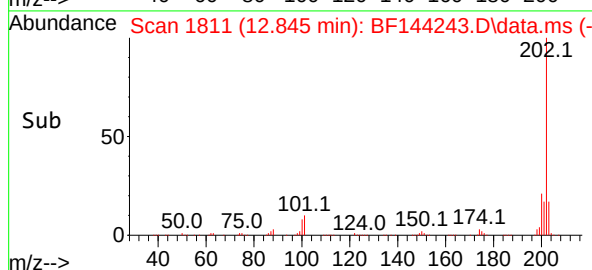
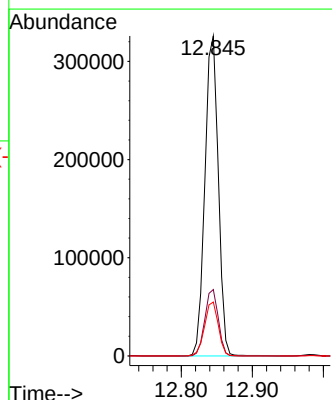
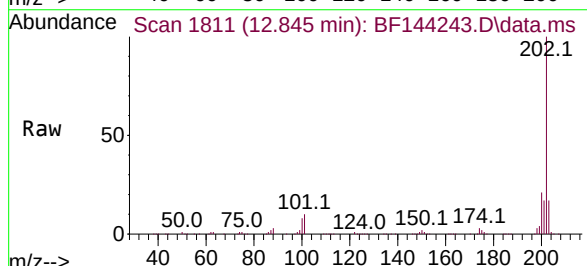
Tgt Ion:202 Resp: 424749

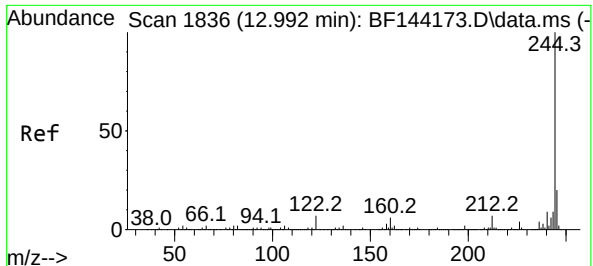
Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

203 16.8 13.7 20.5

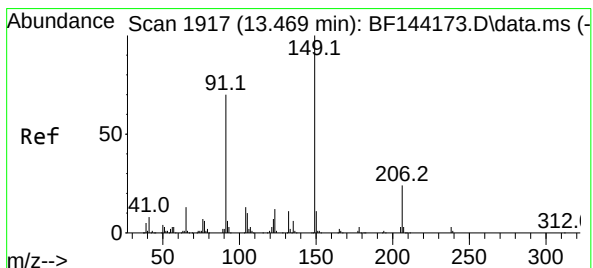
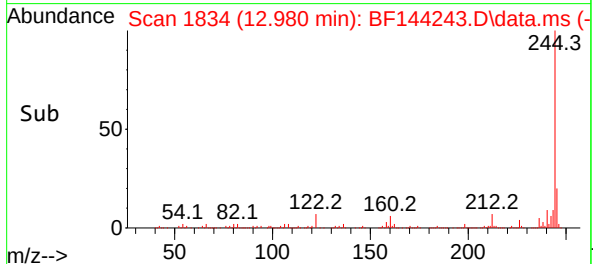
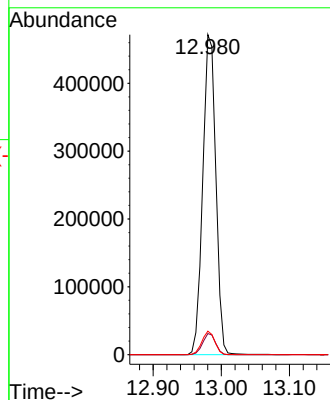
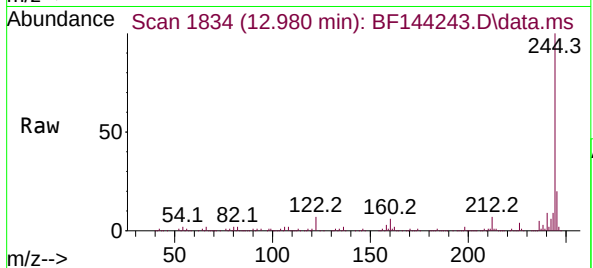




#79
Terphenyl-d14
Concen: 83.308 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

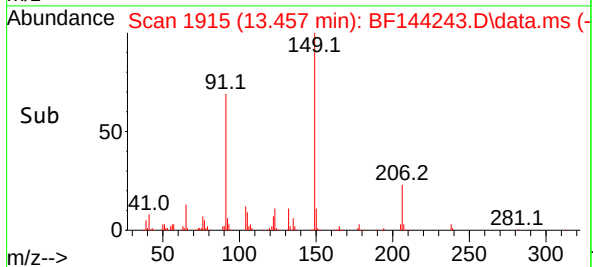
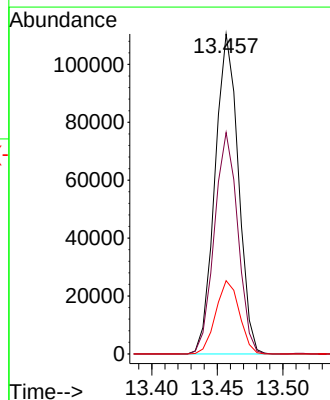
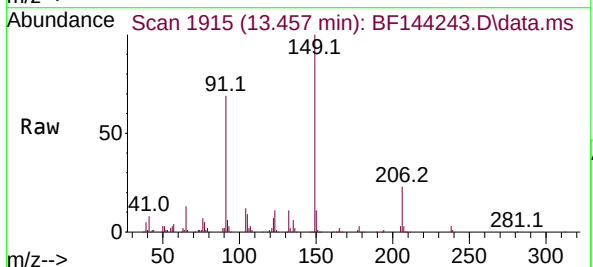
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

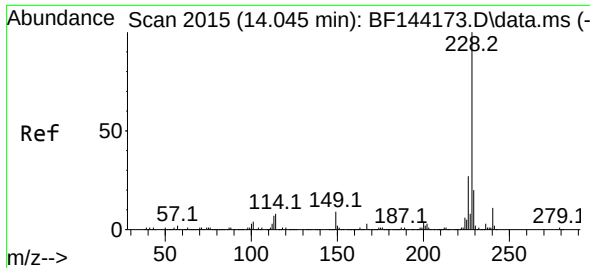
Tgt Ion:244 Resp: 628319
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 7.3 5.6 8.4



#80
Butylbenzylphthalate
Concen: 40.952 ng
RT: 13.457 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:149 Resp: 137100
Ion Ratio Lower Upper
149 100
91 69.2 56.1 84.1
206 22.9 18.8 28.2

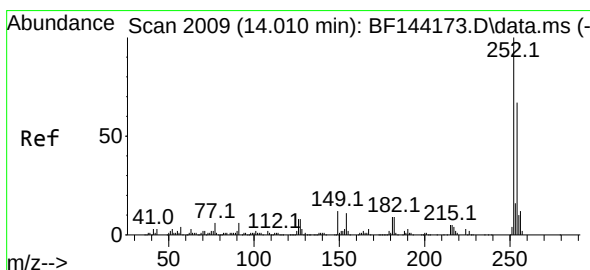
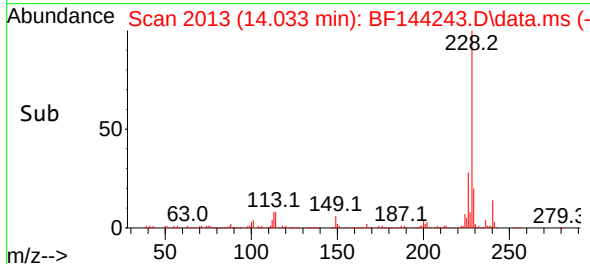
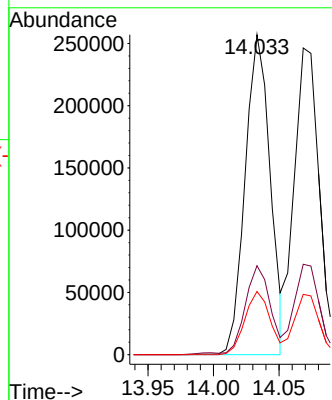
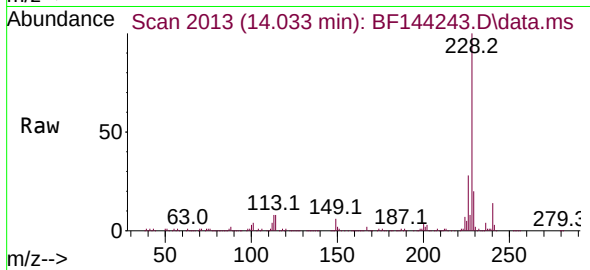




#81
Benzo(a)anthracene
Concen: 41.098 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

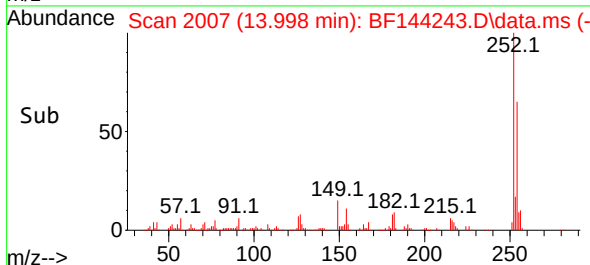
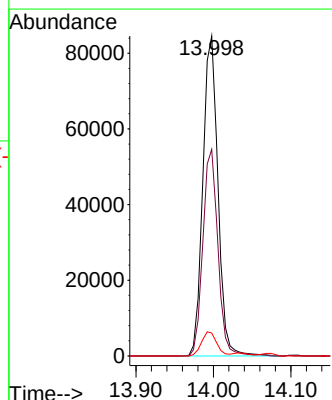
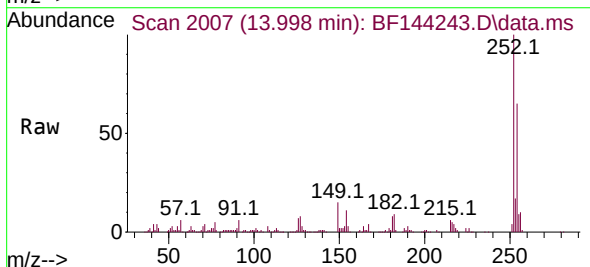
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

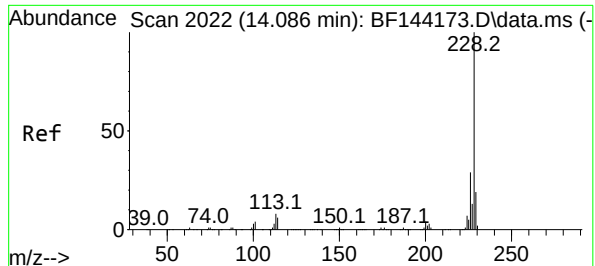
Tgt Ion:228 Resp: 341236
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 40.181 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:252 Resp: 114359
Ion Ratio Lower Upper
252 100
254 64.5 53.5 80.3
126 7.1 6.4 9.6





#83

Chrysene

Concen: 42.849 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

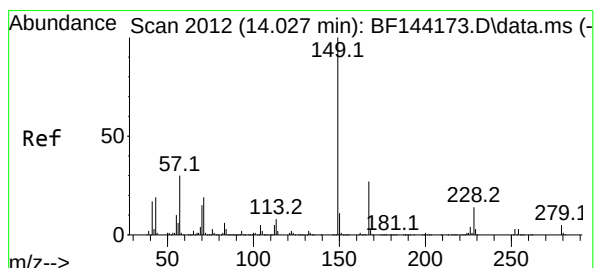
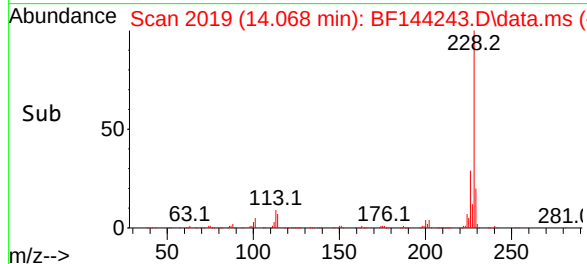
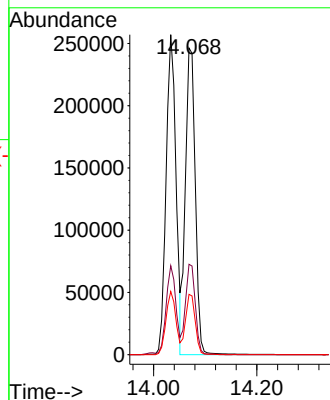
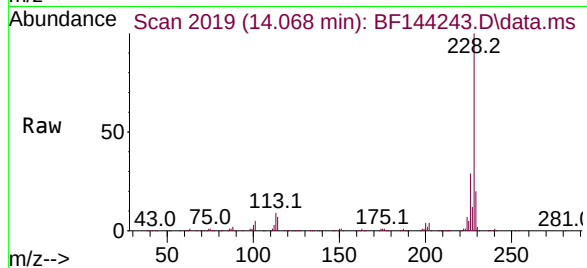
Tgt Ion:228 Resp: 328428

Ion Ratio Lower Upper

228 100

226 29.5 22.9 34.3

229 19.6 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.360 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

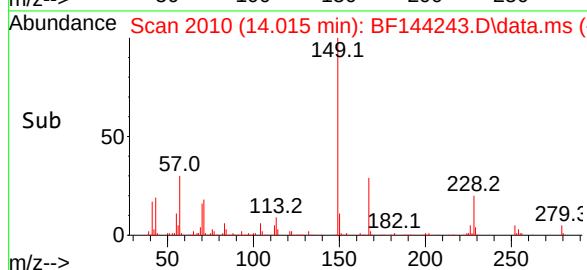
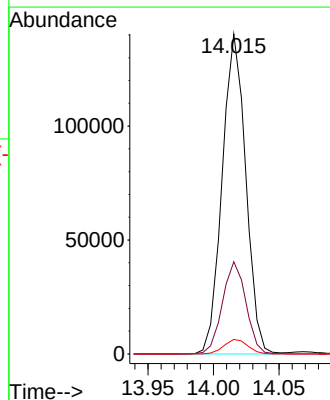
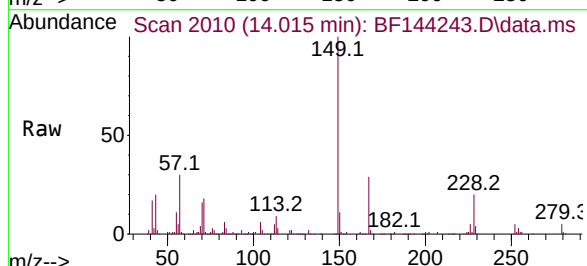
Tgt Ion:149 Resp: 175802

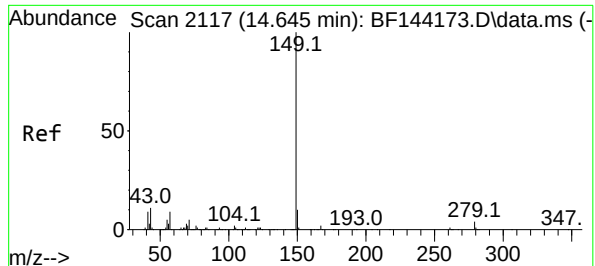
Ion Ratio Lower Upper

149 100

167 28.8 21.8 32.8

279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 38.744 ng

RT: 14.633 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

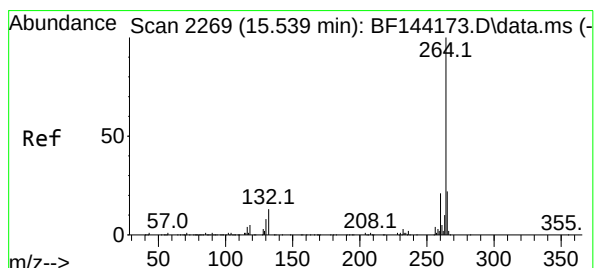
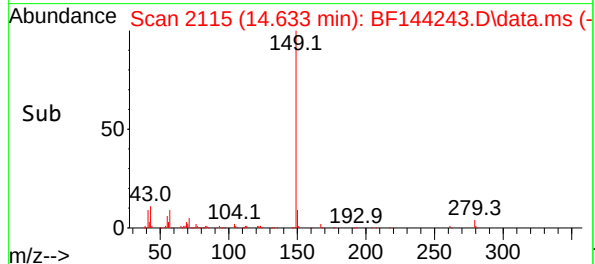
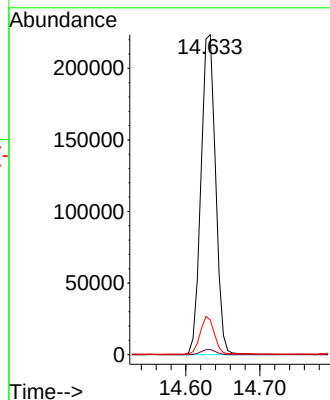
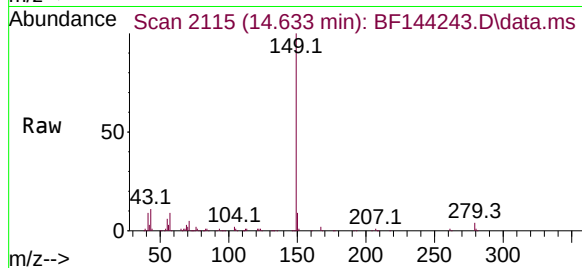
Tgt Ion:149 Resp: 306354

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

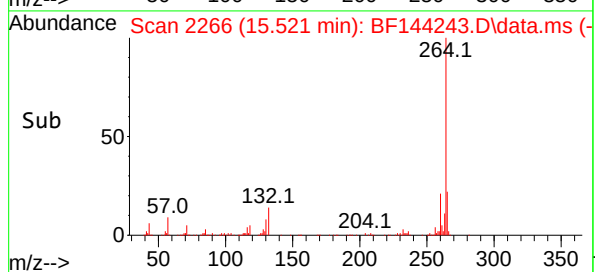
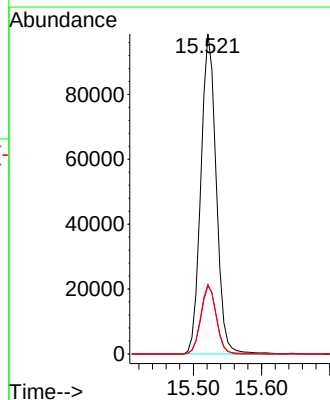
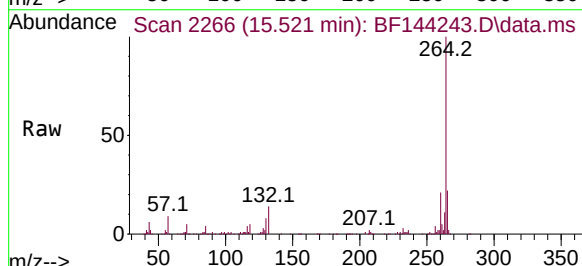
Tgt Ion:264 Resp: 154528

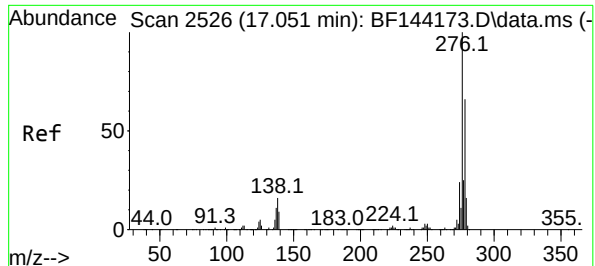
Ion Ratio Lower Upper

264 100

260 21.2 17.1 25.7

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.265 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

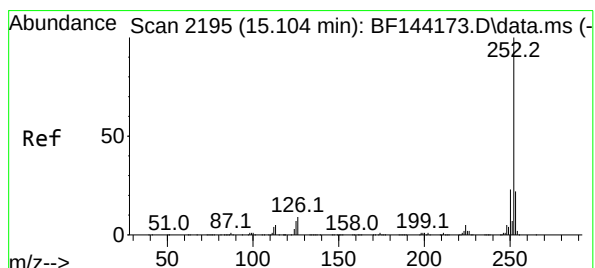
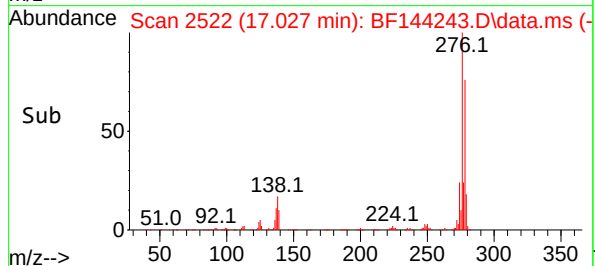
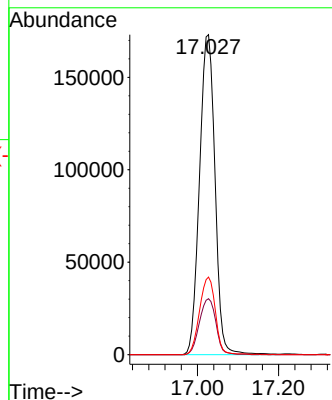
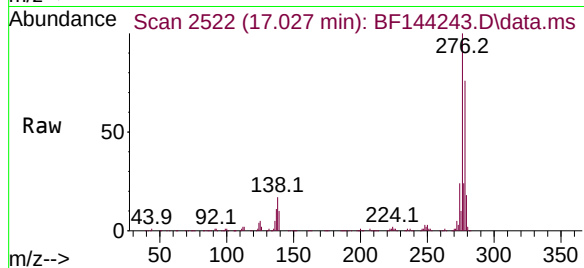
Tgt Ion:276 Resp: 457738

Ion Ratio Lower Upper

276 100

138 18.6 13.9 20.9

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 40.248 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

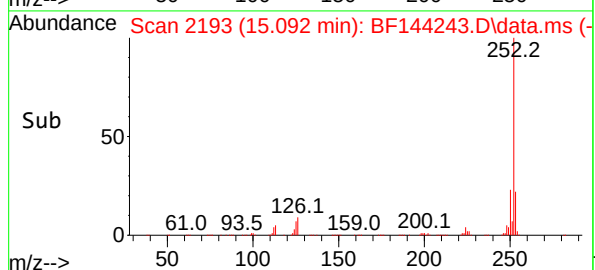
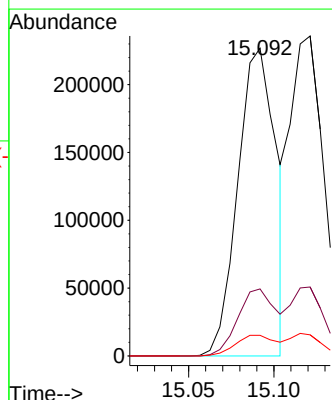
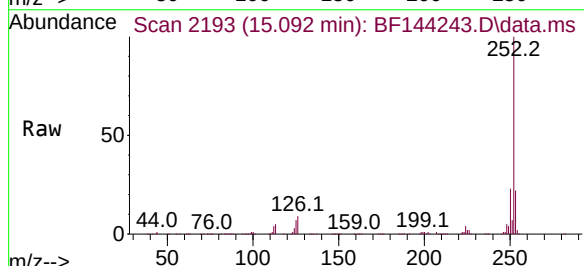
Tgt Ion:252 Resp: 353587

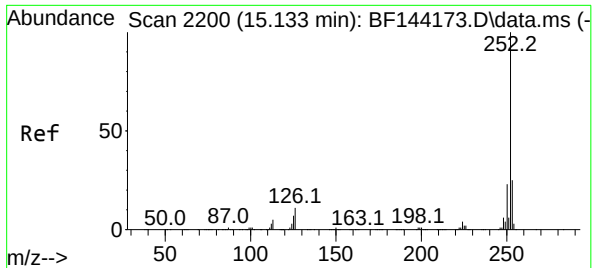
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 6.7 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 40.166 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

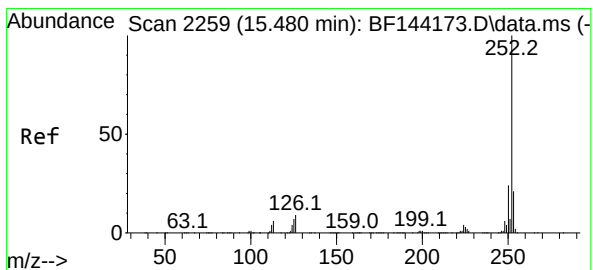
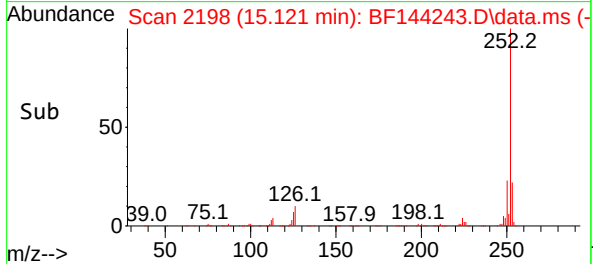
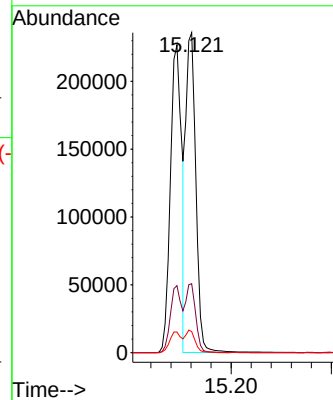
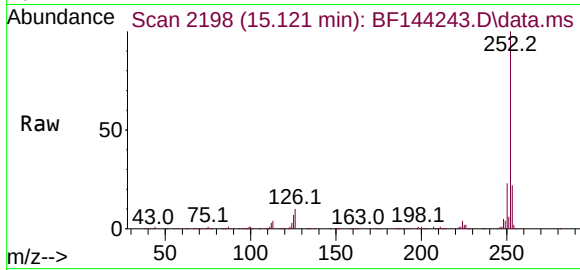
Tgt Ion:252 Resp: 330283

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

125 6.6 5.4 8.2



#90

Benzo(a)pyrene

Concen: 40.232 ng

RT: 15.462 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

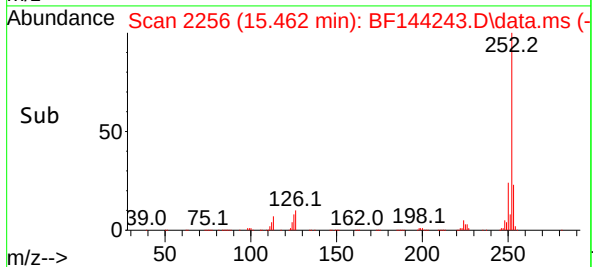
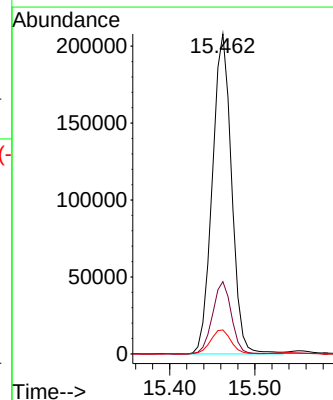
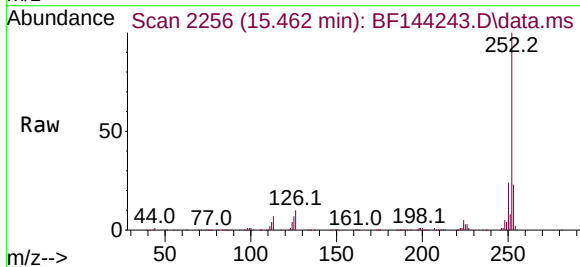
Tgt Ion:252 Resp: 326068

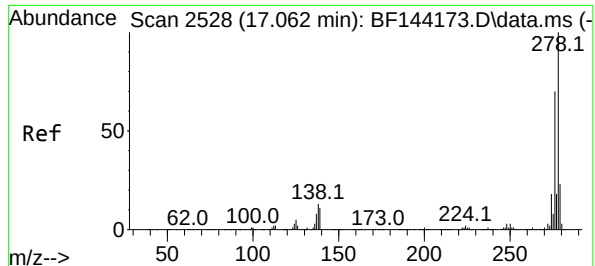
Ion Ratio Lower Upper

252 100

253 22.6 16.7 25.1

125 7.5 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 41.586 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

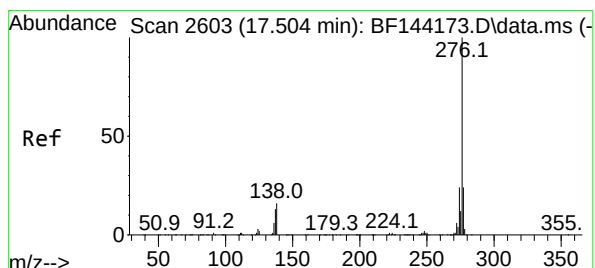
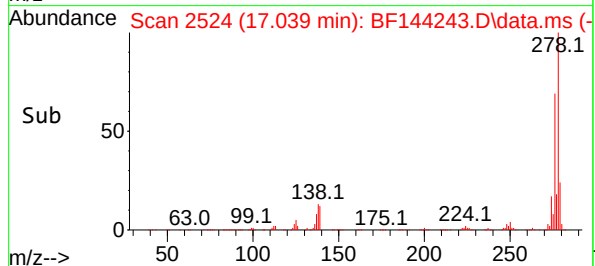
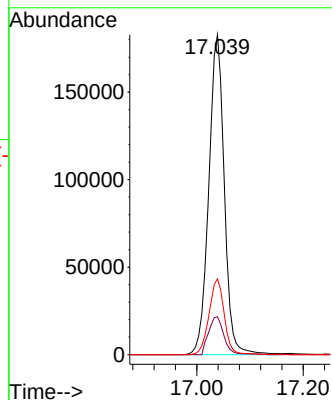
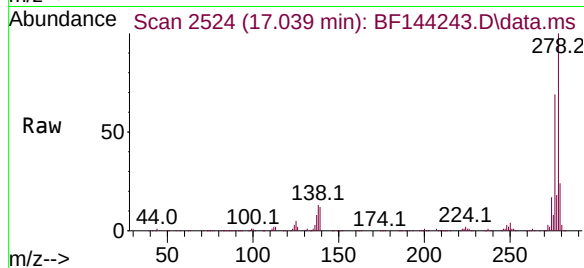
Tgt Ion:278 Resp: 370468

Ion Ratio Lower Upper

278 100

139 11.8 9.1 13.7

279 23.7 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 42.067 ng

RT: 17.474 min Scan# 2598

Delta R.T. -0.018 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

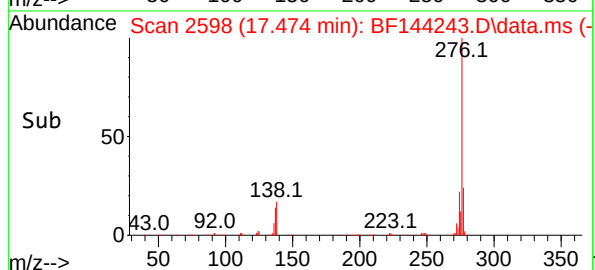
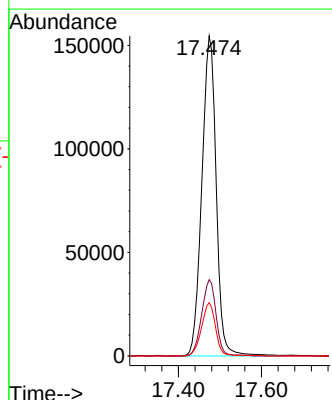
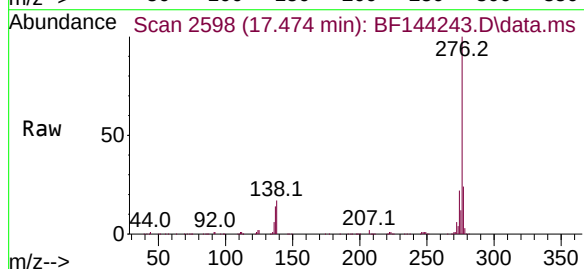
Tgt Ion:276 Resp: 370077

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 16.6 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144243.D
 Acq On : 13 Nov 2025 14:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	83	0.00
2	1,4-Dioxane	40.000	42.123	-5.3	83	-0.02
3	Pyridine	40.000	43.956	-9.9	88	-0.04
4	n-Nitrosodimethylamine	40.000	42.588	-6.5	87	-0.03
5 S	2-Fluorophenol	80.000	86.053	-7.6	86	-0.01
6	Aniline	40.000	42.878	-7.2	88	0.00
7 S	Phenol-d6	80.000	84.283	-5.4	86	0.00
8	2-Chlorophenol	40.000	42.252	-5.6	85	0.00
9	Benzaldehyde	40.000	58.996	-47.5#	122	0.00
10 C	Phenol	40.000	43.252	-8.1	85	0.00
11	bis(2-Chloroethyl)ether	40.000	43.502	-8.8	88	0.00
12	1,3-Dichlorobenzene	40.000	41.801	-4.5	87	0.00
13 C	1,4-Dichlorobenzene	40.000	42.152	-5.4	85	0.00
14	1,2-Dichlorobenzene	40.000	41.423	-3.6	86	-0.01
15	Benzyl Alcohol	40.000	42.845	-7.1	87	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	42.950	-7.4	87	0.00
17	2-Methylphenol	40.000	42.352	-5.9	85	0.00
18	Hexachloroethane	40.000	41.949	-4.9	84	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	40.899	-2.2	85	0.00
20	3+4-Methylphenols	40.000	41.653	-4.1	83	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	86	0.00
22	Acetophenone	40.000	40.425	-1.1	86	0.00
23 S	Nitrobenzene-d5	80.000	83.721	-4.7	87	0.00
24	Nitrobenzene	40.000	41.563	-3.9	87	0.00
25	Isophorone	40.000	41.467	-3.7	87	0.00
26 C	2-Nitrophenol	40.000	43.469	-8.7	88	0.00
27	2,4-Dimethylphenol	40.000	41.791	-4.5	84	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.464	-3.7	86	0.00
29 C	2,4-Dichlorophenol	40.000	41.555	-3.9	87	0.00
30	1,2,4-Trichlorobenzene	40.000	40.076	-0.2	84	0.00
31	Naphthalene	40.000	40.524	-1.3	86	0.00
32	Benzoic acid	40.000	39.760	0.6	97	-0.04
33	4-Chloroaniline	40.000	41.852	-4.6	86	0.00
34 C	Hexachlorobutadiene	40.000	40.325	-0.8	83	0.00
35	Caprolactam	40.000	41.553	-3.9	85	-0.03
36 C	4-Chloro-3-methylphenol	40.000	42.109	-5.3	88	0.00
37	2-Methylnaphthalene	40.000	39.942	0.1	84	0.00
38	1-Methylnaphthalene	40.000	40.073	-0.2	85	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	85	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	40.022	-0.1	83	0.00
41 P	Hexachlorocyclopentadiene	40.000	53.524	-33.8#	125	-0.01
42 S	2,4,6-Tribromophenol	80.000	79.353	0.8	80	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.957	-2.4	85	-0.01
44	2,4,5-Trichlorophenol	40.000	39.949	0.1	84	0.00
45 S	2-Fluorobiphenyl	80.000	78.407	2.0	84	0.00
46	1,1'-Biphenyl	40.000	40.611	-1.5	86	0.00
47	2-Chloronaphthalene	40.000	40.085	-0.2	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144243.D
 Acq On : 13 Nov 2025 14:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	44.353	-10.9	90	0.00
49	Acenaphthylene	40.000	40.524	-1.3	85	0.00
50	Dimethylphthalate	40.000	41.145	-2.9	86	0.00
51	2,6-Dinitrotoluene	40.000	43.406	-8.5	90	0.00
52 C	Acenaphthene	40.000	42.960	-7.4	90	0.00
53	3-Nitroaniline	40.000	43.575	-8.9	86	0.00
54 P	2,4-Dinitrophenol	40.000	61.614	-54.0#	151	-0.01
55	Dibenzofuran	40.000	40.534	-1.3	84	0.00
56 P	4-Nitrophenol	40.000	38.815	3.0	86	-0.01
57	2,4-Dinitrotoluene	40.000	43.497	-8.7	86	0.00
58	Fluorene	40.000	39.956	0.1	83	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.358	-3.4	84	0.00
60	Diethylphthalate	40.000	40.971	-2.4	85	0.00
61	4-Chlorophenyl-phenylether	40.000	39.298	1.8	80	-0.01
62	4-Nitroaniline	40.000	41.480	-3.7	85	0.00
63	Azobenzene	40.000	41.845	-4.6	87	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	83	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.883	-4.7	91	-0.01
66 c	n-Nitrosodiphenylamine	40.000	41.574	-3.9	86	0.00
67	4-Bromophenyl-phenylether	40.000	41.239	-3.1	83	0.00
68	Hexachlorobenzene	40.000	39.877	0.3	83	0.00
69	Atrazine	40.000	37.102	7.2	77	0.00
70 C	Pentachlorophenol	40.000	39.017	2.5	78	-0.01
71	Phenanthrene	40.000	40.455	-1.1	83	0.00
72	Anthracene	40.000	40.587	-1.5	84	0.00
73	Carbazole	40.000	39.818	0.5	81	-0.01
74	Di-n-butylphthalate	40.000	37.967	5.1	77	0.00
75 C	Fluoranthene	40.000	37.938	5.2	77	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	74	0.00
77	Benzidine	40.000	45.111	-12.8	79	-0.02
78	Pyrene	40.000	43.973	-9.9	77	0.00
79 S	Terphenyl-d14	80.000	83.308	-4.1	73	-0.01
80	Butylbenzylphthalate	40.000	40.952	-2.4	71	-0.01
81	Benzo(a)anthracene	40.000	41.098	-2.7	73	-0.01
82	3,3'-Dichlorobenzidine	40.000	40.181	-0.5	73	-0.01
83	Chrysene	40.000	42.849	-7.1	72	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	38.360	4.1	66	-0.01
85 c	Di-n-octyl phthalate	40.000	38.744	3.1	67	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	74	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	41.265	-3.2	74	0.00
88	Benzo(b)fluoranthene	40.000	40.248	-0.6	69	0.00
89	Benzo(k)fluoranthene	40.000	40.166	-0.4	76	0.00
90 C	Benzo(a)pyrene	40.000	40.232	-0.6	72	-0.01
91	Dibenzo(a,h)anthracene	40.000	41.586	-4.0	74	-0.01
92	Benzo(g,h,i)perylene	40.000	42.067	-5.2	74	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144243.D
Acq On : 13 Nov 2025 14:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144243.D
 Acq On : 13 Nov 2025 14:56
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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	83	0.00
2	1,4-Dioxane	0.528	0.556	-5.3	83	-0.02
3	Pyridine	1.474	1.620	-9.9	88	-0.04
4	n-Nitrosodimethylamine	0.770	0.820	-6.5	87	-0.03
5 S	2-Fluorophenol	1.278	1.375	-7.6	86	-0.01
6	Aniline	2.063	2.212	-7.2	88	0.00
7 S	Phenol-d6	1.448	1.526	-5.4	86	0.00
8	2-Chlorophenol	1.253	1.324	-5.7	85	0.00
9	Benzaldehyde	0.818	1.206	-47.4#	122	0.00
10 C	Phenol	1.769	1.913	-8.1	85	0.00
11	bis(2-Chloroethyl)ether	1.289	1.402	-8.8	88	0.00
12	1,3-Dichlorobenzene	1.547	1.616	-4.5	87	0.00
13 C	1,4-Dichlorobenzene	1.549	1.633	-5.4	85	0.00
14	1,2-Dichlorobenzene	1.485	1.538	-3.6	86	-0.01
15	Benzyl Alcohol	1.147	1.228	-7.1	87	-0.01
16	2,2'-oxybis(1-Chloropropane	2.374	2.549	-7.4	87	0.00
17	2-Methylphenol	0.997	1.056	-5.9	85	0.00
18	Hexachloroethane	0.515	0.540	-4.9	84	-0.01
19 P	n-Nitroso-di-n-propylamine	0.953	0.975	-2.3	85	0.00
20	3+4-Methylphenols	1.175	1.224	-4.2	83	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	86	0.00
22	Acetophenone	0.429	0.434	-1.2	86	0.00
23 S	Nitrobenzene-d5	0.346	0.362	-4.6	87	0.00
24	Nitrobenzene	0.376	0.391	-4.0	87	0.00
25	Isophorone	0.655	0.679	-3.7	87	0.00
26 C	2-Nitrophenol	0.186	0.202	-8.6	88	0.00
27	2,4-Dimethylphenol	0.279	0.291	-4.3	84	0.00
28	bis(2-Chloroethoxy)methane	0.409	0.424	-3.7	86	0.00
29 C	2,4-Dichlorophenol	0.322	0.334	-3.7	87	0.00
30	1,2,4-Trichlorobenzene	0.330	0.331	-0.3	84	0.00
31	Naphthalene	0.951	0.964	-1.4	86	0.00
32	Benzoic acid	0.204	0.203	0.5	97	-0.04
33	4-Chloroaniline	0.347	0.363	-4.6	86	0.00
34 C	Hexachlorobutadiene	0.249	0.251	-0.8	83	0.00
35	Caprolactam	0.088	0.092	-4.5	85	-0.03
36 C	4-Chloro-3-methylphenol	0.288	0.303	-5.2	88	0.00
37	2-Methylnaphthalene	0.636	0.635	0.2	84	0.00
38	1-Methylnaphthalene	0.614	0.615	-0.2	85	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	85	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.655	0.656	-0.2	83	0.00
41 P	Hexachlorocyclopentadiene	0.195	0.295	-51.3#	125	-0.01
42 S	2,4,6-Tribromophenol	0.251	0.249	0.8	80	0.00
43 C	2,4,6-Trichlorophenol	0.446	0.457	-2.5	85	-0.01
44	2,4,5-Trichlorophenol	0.481	0.480	0.2	84	0.00
45 S	2-Fluorobiphenyl	1.354	1.327	2.0	84	0.00
46	1,1'-Biphenyl	1.396	1.417	-1.5	86	0.00
47	2-Chloronaphthalene	1.191	1.193	-0.2	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144243.D
 Acq On : 13 Nov 2025 14:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.344	0.381	-10.8	90	0.00
49	Acenaphthylene	1.623	1.644	-1.3	85	0.00
50	Dimethylphthalate	1.325	1.363	-2.9	86	0.00
51	2,6-Dinitrotoluene	0.268	0.291	-8.6	90	0.00
52 C	Acenaphthene	1.085	1.166	-7.5	90	0.00
53	3-Nitroaniline	0.293	0.319	-8.9	86	0.00
54 P	2,4-Dinitrophenol	0.162	0.249	-53.7#	151#	-0.01
55	Dibenzofuran	1.520	1.540	-1.3	84	0.00
56 P	4-Nitrophenol	0.212	0.206	2.8	86	-0.01
57	2,4-Dinitrotoluene	0.359	0.390	-8.6	86	0.00
58	Fluorene	1.156	1.154	0.2	83	0.00
59	2,3,4,6-Tetrachlorophenol	0.340	0.352	-3.5	84	0.00
60	Diethylphthalate	1.221	1.251	-2.5	85	0.00
61	4-Chlorophenyl-phenylether	0.658	0.647	1.7	80	-0.01
62	4-Nitroaniline	0.279	0.290	-3.9	85	0.00
63	Azobenzene	1.137	1.189	-4.6	87	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	83	0.00
65	4,6-Dinitro-2-methylphenol	0.136	0.142	-4.4	91	-0.01
66 c	n-Nitrosodiphenylamine	0.643	0.669	-4.0	86	0.00
67	4-Bromophenyl-phenylether	0.255	0.263	-3.1	83	0.00
68	Hexachlorobenzene	0.301	0.300	0.3	83	0.00
69	Atrazine	0.205	0.190	7.3	77	0.00
70 C	Pentachlorophenol	0.150	0.146	2.7	78	-0.01
71	Phenanthrene	0.996	1.007	-1.1	83	0.00
72	Anthracene	1.013	1.027	-1.4	84	0.00
73	Carbazole	0.861	0.857	0.5	81	-0.01
74	Di-n-butylphthalate	1.041	0.988	5.1	77	0.00
75 C	Fluoranthene	1.029	0.976	5.2	77	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	74	0.00
77	Benzydine	0.592	0.667	-12.7	79	-0.02
78	Pyrene	1.613	1.773	-9.9	77	0.00
79 S	Terphenyl-d14	1.259	1.311	-4.1	73	-0.01
80	Butylbenzylphthalate	0.559	0.572	-2.3	71	-0.01
81	Benzo(a)anthracene	1.386	1.424	-2.7	73	-0.01
82	3,3'-Dichlorobenzidine	0.475	0.477	-0.4	73	-0.01
83	Chrysene	1.280	1.371	-7.1	72	-0.01
84	Bis(2-ethylhexyl)phthalate	0.765	0.734	4.1	66	-0.01
85 c	Di-n-octyl phthalate	1.320	1.279	3.1	67	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	74	-0.02
87	Indeno(1,2,3-cd)pyrene	1.436	1.481	-3.1	74	0.00
88	Benzo(b)fluoranthene	1.137	1.144	-0.6	69	0.00
89	Benzo(k)fluoranthene	1.064	1.069	-0.5	76	0.00
90 C	Benzo(a)pyrene	1.049	1.055	-0.6	72	-0.01
91	Dibenzo(a,h)anthracene	1.153	1.199	-4.0	74	-0.01
92	Benzo(g,h,i)perylene	1.139	1.197	-5.1	74	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144243.D
Acq On : 13 Nov 2025 14:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: PACI01
 Lab Code: ACE SDG No.: Q3574
 Instrument ID: BNA_F Calibration Date/Time: 11/13/2025 18:53
 Lab File ID: BF144251.D Init. Calib. Date(s): 11/05/2025 11/05/2025
 EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 12:50 16:49
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.349		5.6	50.0
Phenol-d6	1.448	1.529		5.6	50.0
Nitrobenzene-d5	0.346	0.363		4.9	50.0
Naphthalene	0.951	0.976		2.6	50.0
2-Fluorobiphenyl	1.354	1.375		1.6	50.0
Acenaphthylene	1.623	1.686		3.9	50.0
Acenaphthene	1.085	1.109		2.2	50.0
Fluorene	1.156	1.171		1.3	50.0
2,4,6-Tribromophenol	0.251	0.242		-3.6	50.0
Phenanthrene	0.996	1.031		3.5	50.0
Anthracene	1.013	1.043		3.0	50.0
Fluoranthene	1.029	0.946		-8.1	50.0
Pyrene	1.613	1.723		6.8	50.0
Terphenyl-d14	1.259	1.285		2.1	50.0
Benzo (a) anthracene	1.386	1.449		4.5	50.0
Chrysene	1.280	1.328		3.8	50.0
Benzo (b) fluoranthene	1.137	1.188		4.5	50.0
Benzo (k) fluoranthene	1.064	1.067		0.3	50.0
Benzo (a) pyrene	1.049	1.080		3.0	50.0
Indeno (1,2,3-cd) pyrene	1.436	1.508		5.0	50.0
Dibenzo (a,h) anthracene	1.153	1.205		4.5	50.0
Benzo (g,h,i) perylene	1.139	1.188		4.3	50.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144251.D
 Acq On : 13 Nov 2025 18:53
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Nov 14 00:45:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	51968	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	200841	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	110568	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	178635	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	97497	20.000	ng	0.00
86) Perylene-d12	15.521	264	141608	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	280345	84.418	ng	-0.01
7) Phenol-d6	6.499	99	317739	84.441	ng	0.00
23) Nitrobenzene-d5	7.434	82	291394	83.795	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	107068	77.166	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	608269	81.251	ng	0.00
79) Terphenyl-d14	12.980	244	501168	81.649	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	58598	42.680	ng	98
3) Pyridine	3.363	79	165220	43.134	ng	98
4) n-Nitrosodimethylamine	3.316	42	86938	43.452	ng	97
6) Aniline	6.528	93	226167	42.186	ng	96
8) 2-Chlorophenol	6.651	128	136687	41.970	ng	100
9) Benzaldehyde	6.416	77	123126	57.947	ng	96
10) Phenol	6.510	94	197223	42.899	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	142442	42.520	ng	98
12) 1,3-Dichlorobenzene	6.804	146	167146	41.592	ng	97
13) 1,4-Dichlorobenzene	6.887	146	167446	41.590	ng	99
14) 1,2-Dichlorobenzene	7.034	146	159187	41.251	ng	99
15) Benzyl Alcohol	7.010	79	124809	41.888	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	261019	42.311	ng	92
17) 2-Methylphenol	7.122	107	110502	42.650	ng	97
18) Hexachloroethane	7.375	117	57332	42.861	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	102329	41.310	ng	93
20) 3+4-Methylphenols	7.275	107	129266	42.324	ng	93
22) Acetophenone	7.275	105	176655	41.002	ng	94
24) Nitrobenzene	7.451	77	159867	42.341	ng	98
25) Isophorone	7.687	82	270067	41.058	ng	99
26) 2-Nitrophenol	7.769	139	79152	42.349	ng	99
27) 2,4-Dimethylphenol	7.798	122	117419	41.915	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	166966	40.649	ng	95
29) 2,4-Dichlorophenol	8.010	162	132591	41.065	ng	98
30) 1,2,4-Trichlorobenzene	8.093	180	132213	39.877	ng	99
31) Naphthalene	8.169	128	391932	41.024	ng	99
32) Benzoic acid	7.910	122	71715	34.924	ng	97
33) 4-Chloroaniline	8.222	127	146263	41.976	ng	99
34) Hexachlorobutadiene	8.287	225	101692	40.698	ng	99
35) Caprolactam	8.592	113	34963	39.525	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	124419	42.997	ng	96
37) 2-Methylnaphthalene	8.863	142	261760	40.979	ng	100
38) 1-Methylnaphthalene	8.963	142	249518	40.484	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	151803	41.892	ng	99
41) Hexachlorocyclopentadiene	9.016	237	64761	53.222	ng	99
43) 2,4,6-Trichlorophenol	9.140	196	101858	41.299	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144251.D
 Acq On : 13 Nov 2025 18:53
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

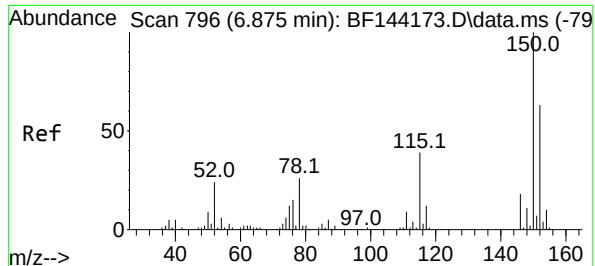
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	108059	40.652	ng	98
46) 1,1'-Biphenyl	9.328	154	319227	41.361	ng	100
47) 2-Chloronaphthalene	9.351	162	270772	41.129	ng	99
48) 2-Nitroaniline	9.451	65	84285	44.371	ng	99
49) Acenaphthylene	9.769	152	372747	41.548	ng	100
50) Dimethylphthalate	9.622	163	299906	40.943	ng	99
51) 2,6-Dinitrotoluene	9.687	165	64519	43.512	ng	96
52) Acenaphthene	9.939	154	245317	40.890	ng	95
53) 3-Nitroaniline	9.863	138	66778	41.198	ng	98
54) 2,4-Dinitrophenol	9.975	184	43519	48.603	ng	98
55) Dibenzofuran	10.110	168	342275	40.735	ng	97
56) 4-Nitrophenol	10.022	139	40737	34.743	ng	100
57) 2,4-Dinitrotoluene	10.092	165	85476	43.061	ng	97
58) Fluorene	10.457	166	259003	40.542	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	74446	39.585	ng	96
60) Diethylphthalate	10.322	149	273161	40.454	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	147928	40.651	ng	95
62) 4-Nitroaniline	10.475	138	60539	39.218	ng	98
63) Azobenzene	10.604	77	265535	42.254	ng	100
65) 4,6-Dinitro-2-methylph...	10.504	198	45062	37.133	ng	96
66) n-Nitrosodiphenylamine	10.563	169	246829	42.961	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	92919	40.752	ng	96
68) Hexachlorobenzene	11.004	284	112836	42.014	ng	98
69) Atrazine	11.092	200	68954	37.738	ng	100
70) Pentachlorophenol	11.204	266	48352	36.155	ng	98
71) Phenanthrene	11.422	178	368277	41.407	ng	99
72) Anthracene	11.475	178	372602	41.200	ng	99
73) Carbazole	11.628	167	298669	38.838	ng	99
74) Di-n-butylphthalate	11.951	149	338388	36.399	ng	99
75) Fluoranthene	12.610	202	338018	36.791	ng	99
77) Benzidine	12.733	184	128124	44.427	ng	98
78) Pyrene	12.839	202	335999	42.742	ng	99
80) Butylbenzylphthalate	13.457	149	102300	37.547	ng	98
81) Benzo(a)anthracene	14.033	228	282489	41.805	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	97151	41.944	ng	96
83) Chrysene	14.069	228	258932	41.510	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	140188	37.586	ng	98
85) Di-n-octyl phthalate	14.627	149	263062	40.879	ng	98
87) Indeno(1,2,3-cd)pyrene	17.021	276	427107	42.017	ng	99
88) Benzo(b)fluoranthene	15.086	252	336347	41.779	ng	100
89) Benzo(k)fluoranthene	15.116	252	302173	40.100	ng	98
90) Benzo(a)pyrene	15.463	252	305844	41.179	ng	97
91) Dibenzo(a,h)anthracene	17.039	278	341405	41.820	ng	97
92) Benzo(g,h,i)perylene	17.474	276	336335	41.720	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

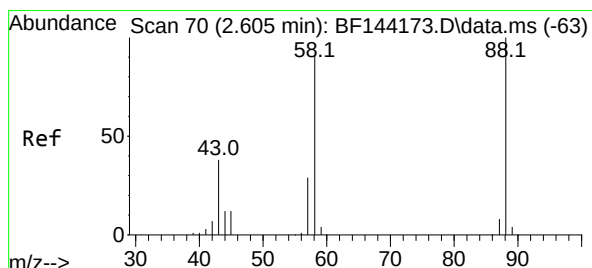
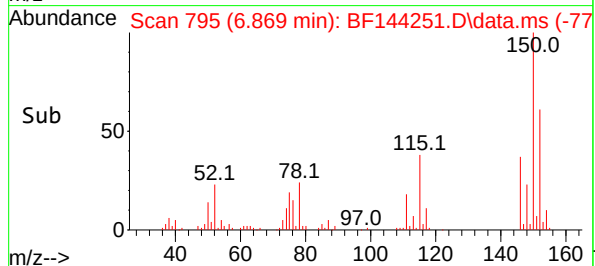
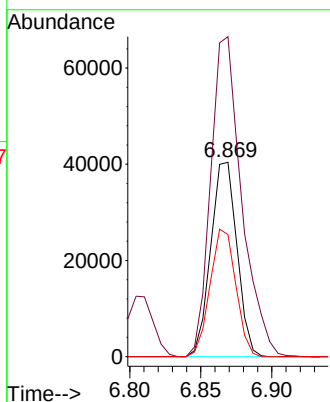
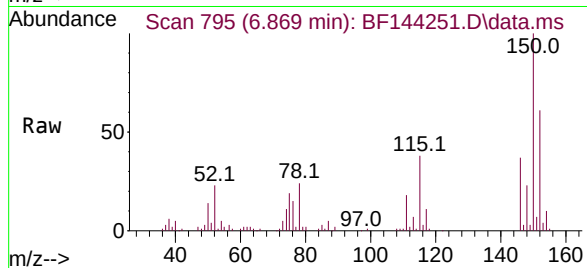
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

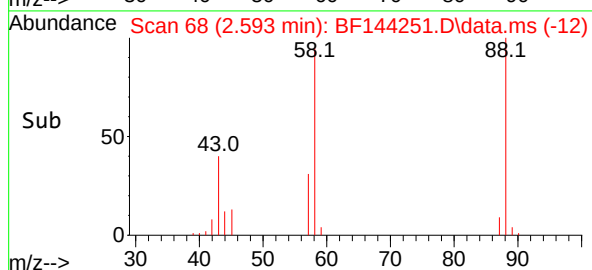
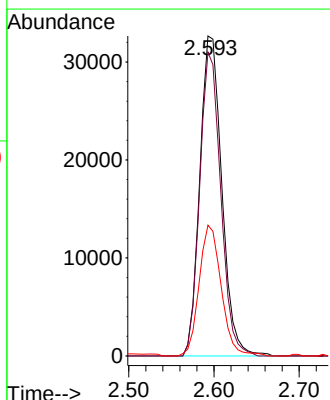
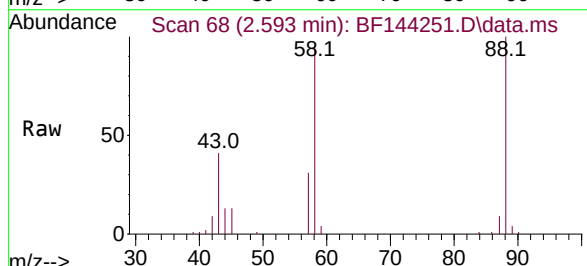
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

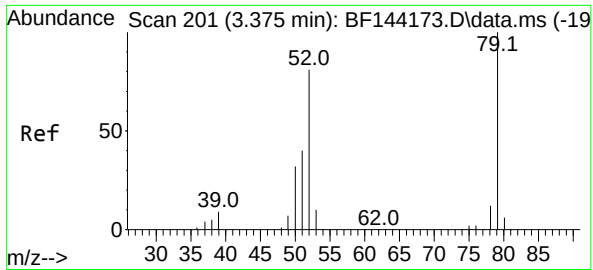
Tgt Ion:152 Resp: 51968
Ion Ratio Lower Upper
152 100
150 164.7 127.4 191.0
115 62.8 49.5 74.3



#2
1,4-Dioxane
Concen: 42.680 ng
RT: 2.593 min Scan# 68
Delta R.T. -0.023 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion: 88 Resp: 58598
Ion Ratio Lower Upper
88 100
58 90.6 73.1 109.7
43 41.0 31.0 46.6

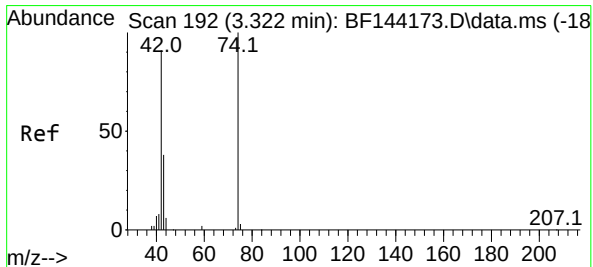
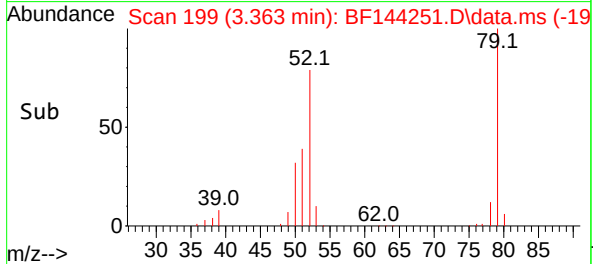
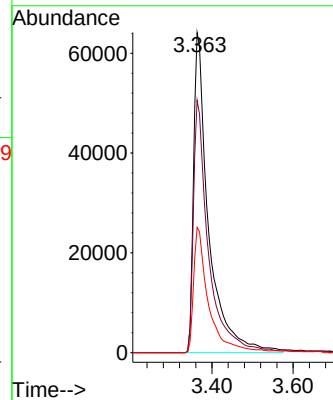
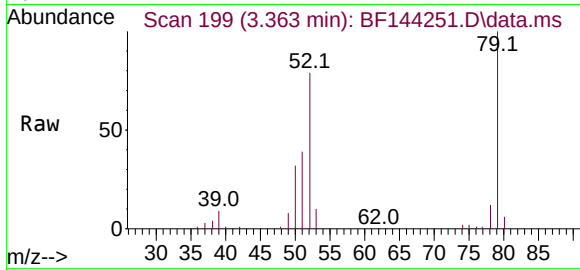




#3
Pyridine
Concen: 43.134 ng
RT: 3.363 min Scan# 19
Delta R.T. -0.047 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

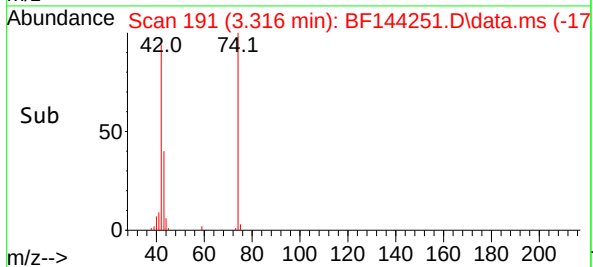
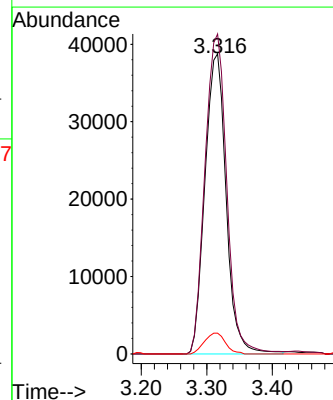
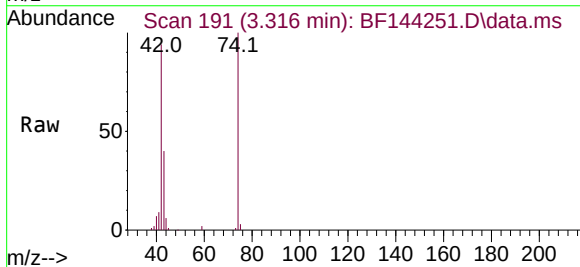
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BNA_F
ClientSampleId :
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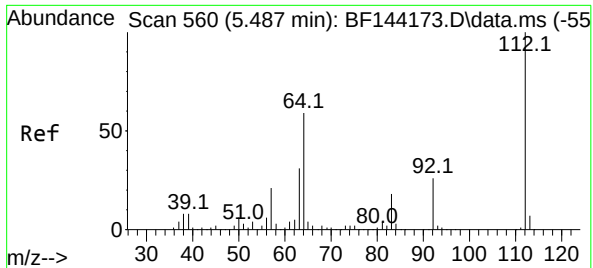
Tgt Ion: 79 Resp: 165220
Ion Ratio Lower Upper
79 100
52 78.8 64.5 96.7
51 39.1 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 43.452 ng
RT: 3.316 min Scan# 191
Delta R.T. -0.029 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion: 42 Resp: 86938
Ion Ratio Lower Upper
42 100
74 106.6 88.2 132.4
44 6.9 5.7 8.5

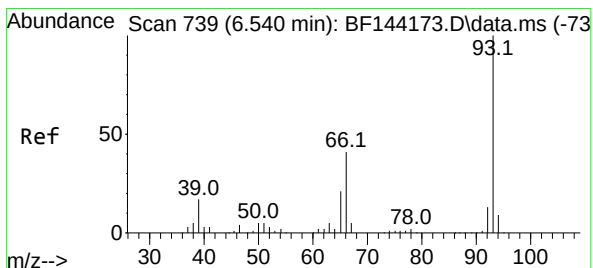
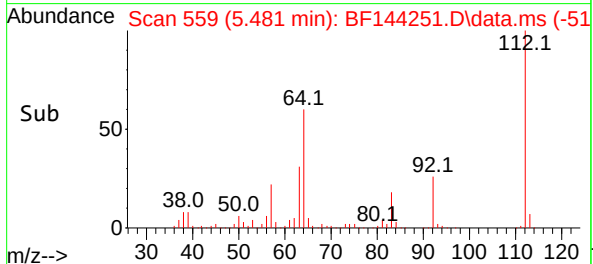
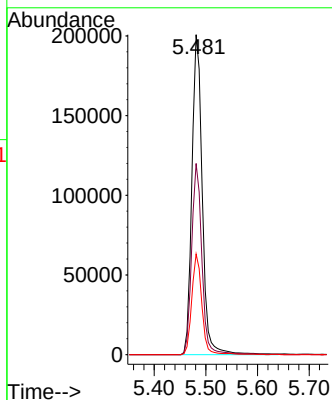
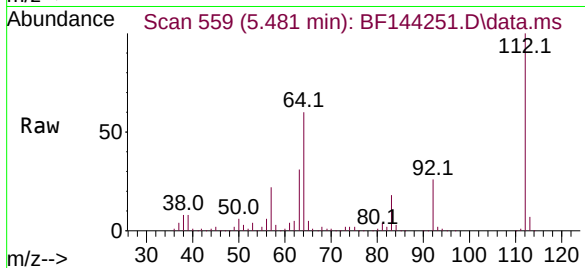




#5
2-Fluorophenol
Concen: 84.418 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

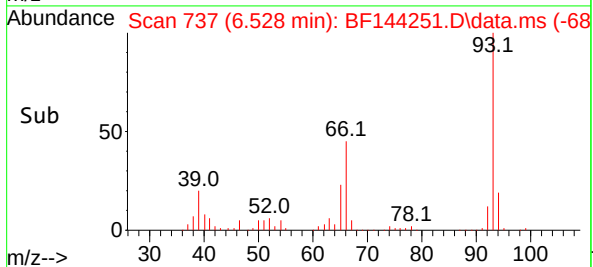
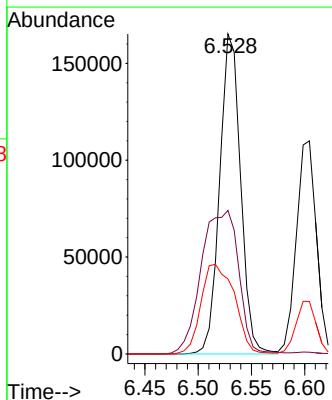
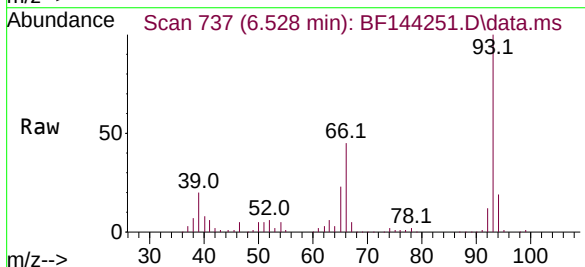
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ClientSampleId :
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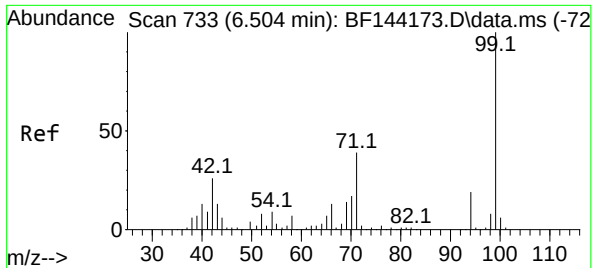
Tgt Ion:112 Resp: 280345
Ion Ratio Lower Upper
112 100
64 59.7 47.2 70.8
63 31.4 24.4 36.6



#6
Aniline
Concen: 42.186 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion: 93 Resp: 226167
Ion Ratio Lower Upper
93 100
66 44.8 34.3 51.5
65 23.4 16.9 25.3

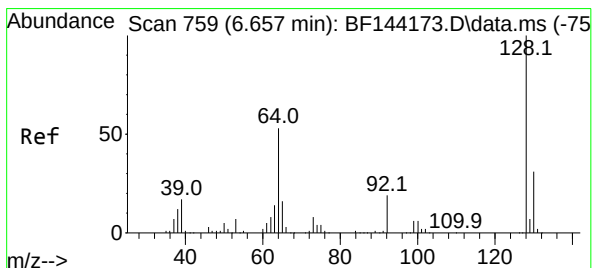
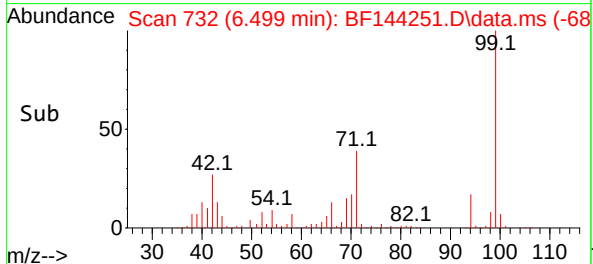
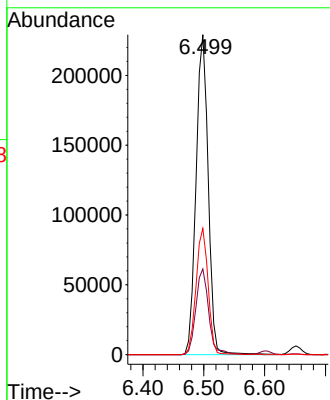
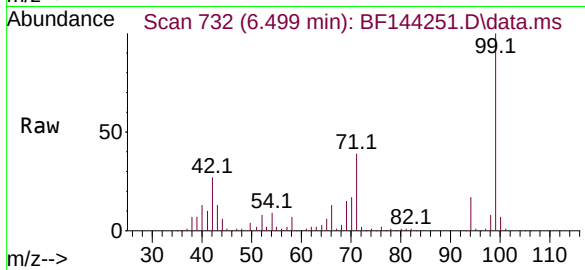




#7
Phenol-d6
Concen: 84.441 ng
RT: 6.499 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

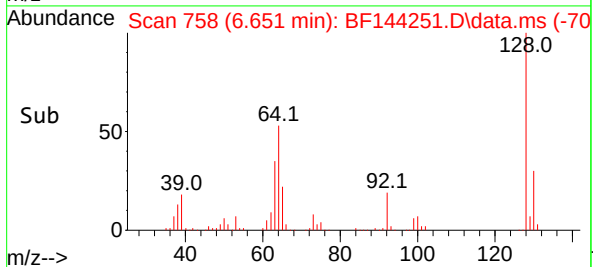
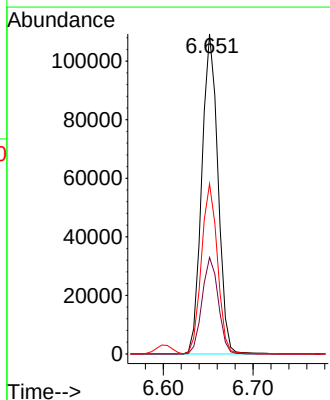
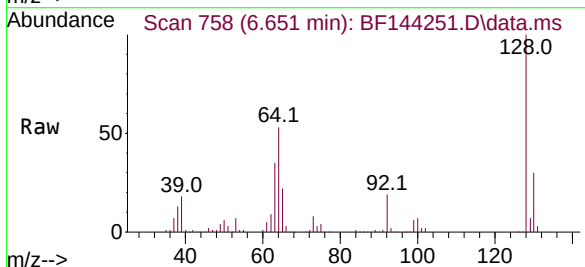
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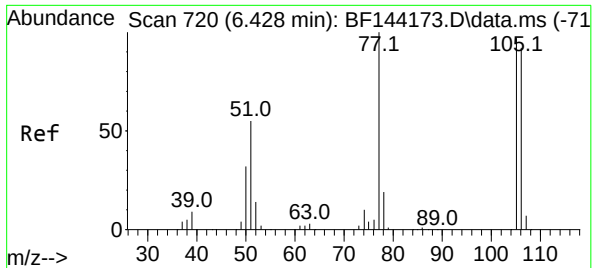
Tgt Ion: 99 Resp: 317739
Ion Ratio Lower Upper
99 100
42 26.8 20.9 31.3
71 39.4 31.4 47.2



#8
2-Chlorophenol
Concen: 41.970 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion: 128 Resp: 136687
Ion Ratio Lower Upper
128 100
130 30.1 10.5 50.5
64 53.1 33.2 73.2





#9

Benzaldehyde

Concen: 57.947 ng

RT: 6.416 min Scan# 718

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

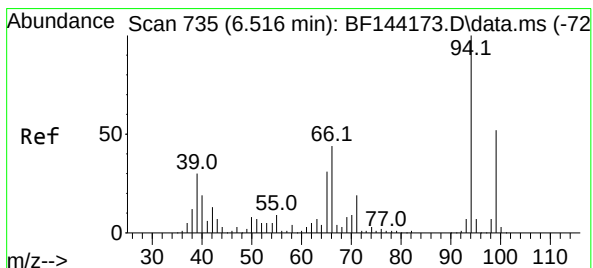
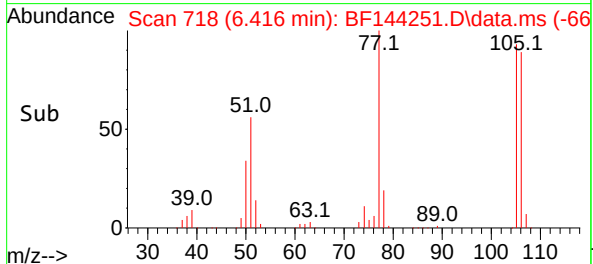
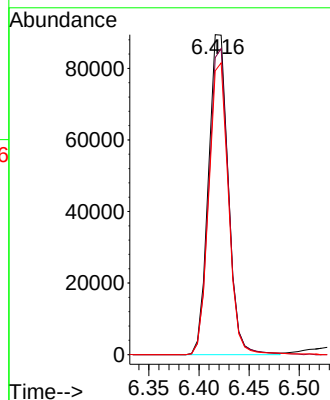
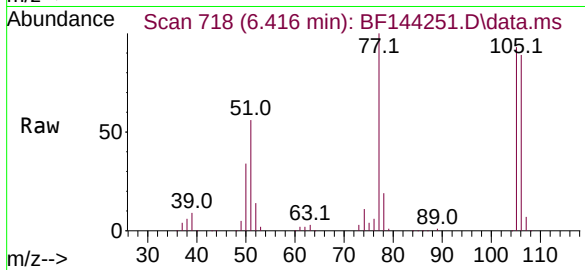
Tgt Ion: 77 Resp: 123126

Ion Ratio Lower Upper

77 100

105 92.8 77.2 117.2

106 88.7 72.2 112.2



#10

Phenol

Concen: 42.899 ng

RT: 6.510 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

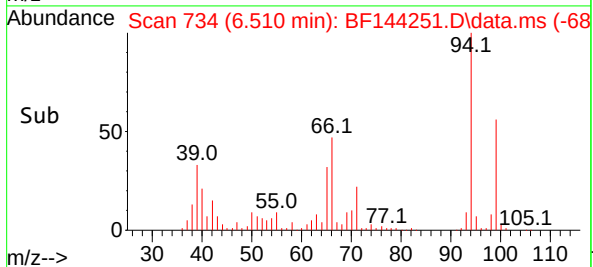
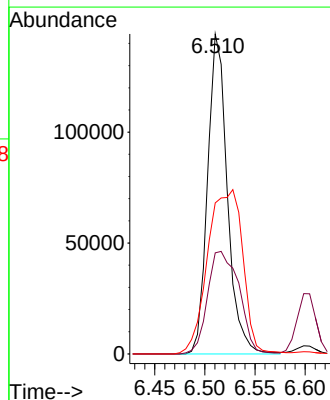
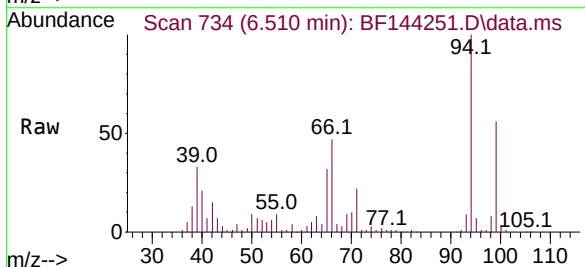
Tgt Ion: 94 Resp: 197223

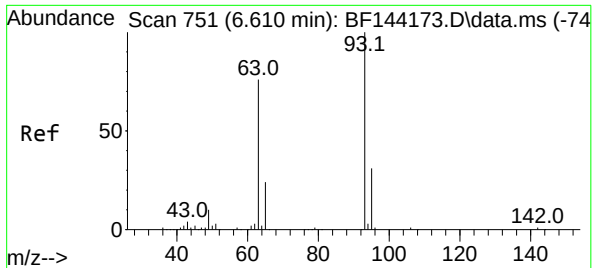
Ion Ratio Lower Upper

94 100

65 31.6 10.8 50.8

66 47.2 24.3 64.3

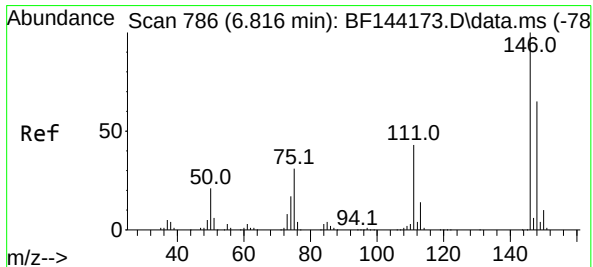
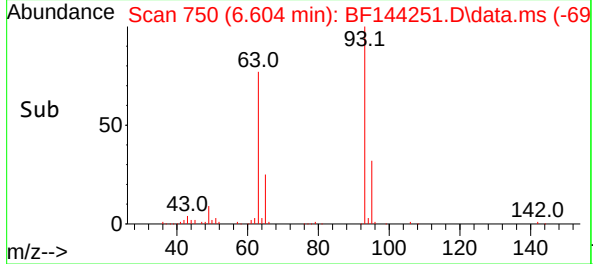
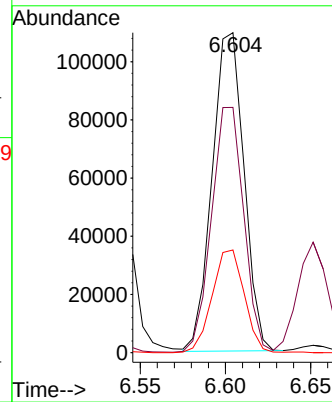
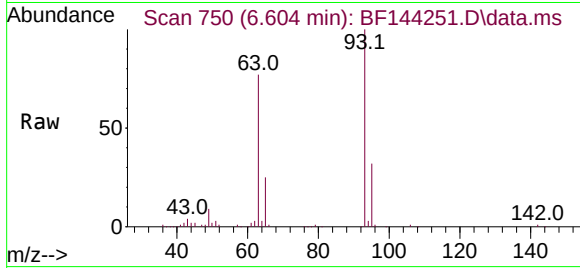




#11
bis(2-Chloroethyl)ether
Concen: 42.520 ng
RT: 6.604 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

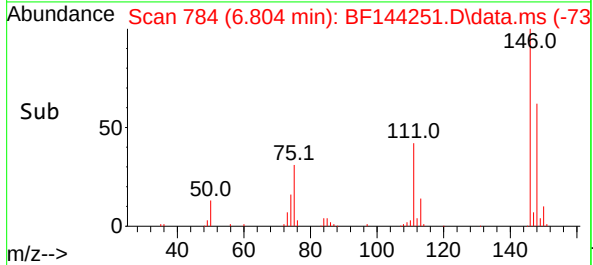
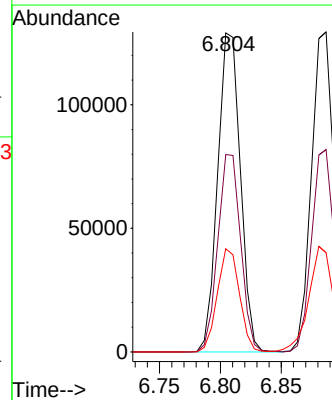
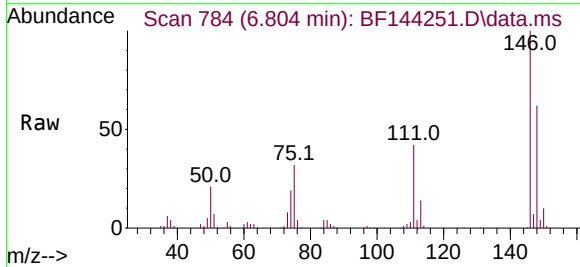
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

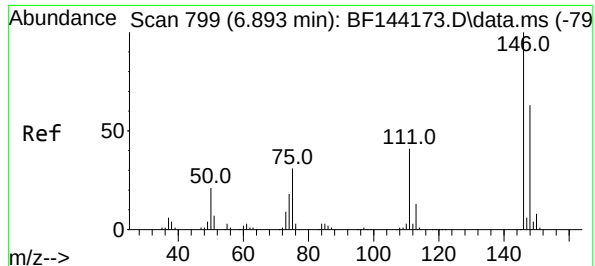
Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.6	55.2	95.2
95	32.1	11.2	51.2



#12
1,3-Dichlorobenzene
Concen: 41.592 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.8	77.8
75	32.3	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 41.590 ng

RT: 6.887 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

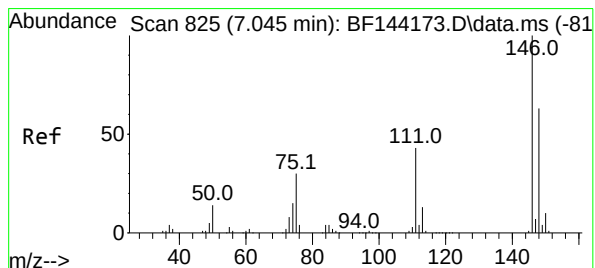
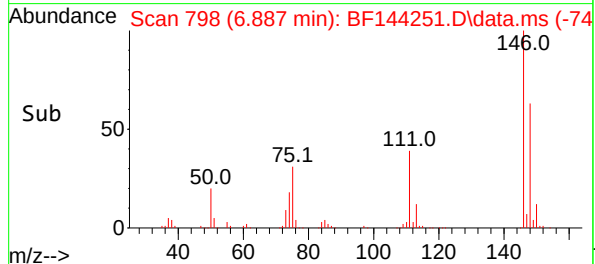
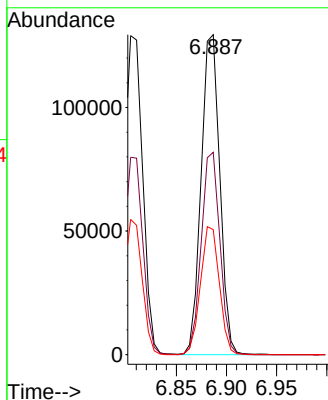
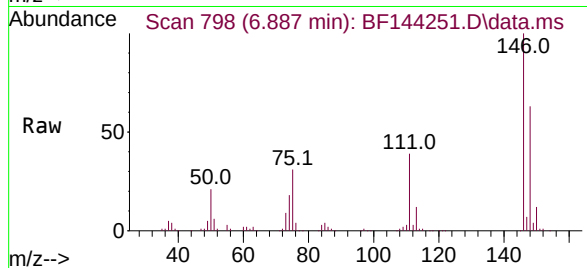
Tgt Ion:146 Resp: 167446

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.2

111 39.1 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 41.251 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

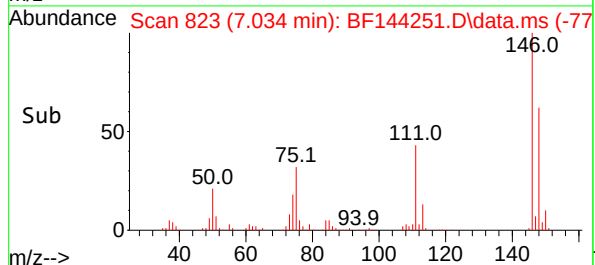
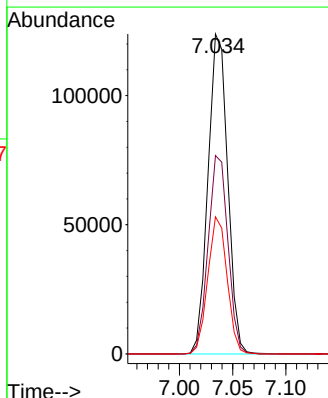
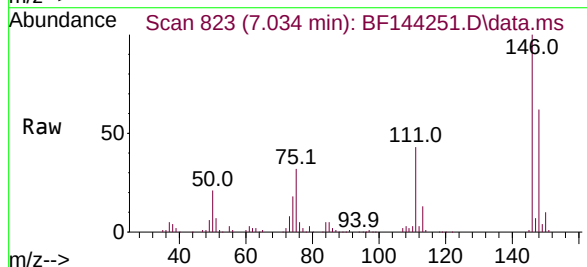
Tgt Ion:146 Resp: 159187

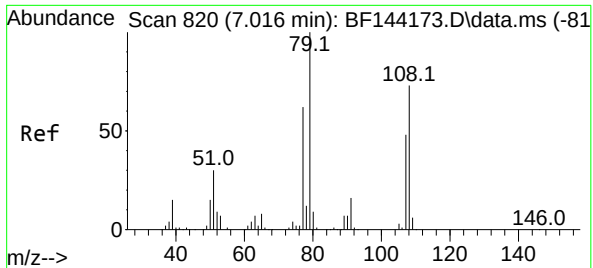
Ion Ratio Lower Upper

146 100

148 62.0 50.7 76.1

111 42.8 34.2 51.4

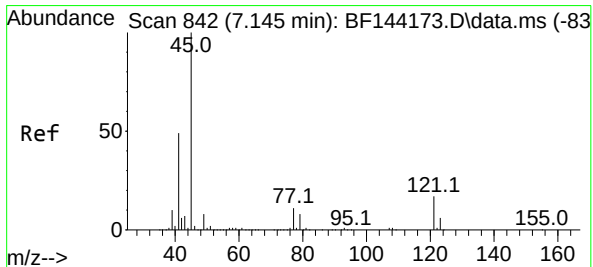
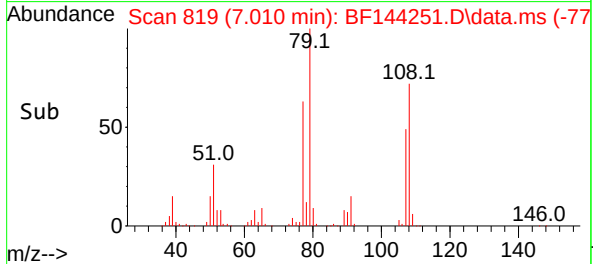
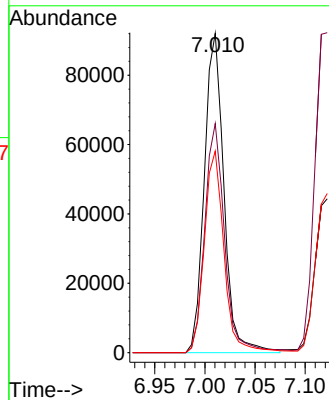
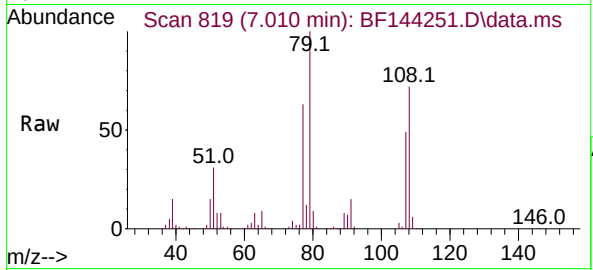




#15
Benzyl Alcohol
Concen: 41.888 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

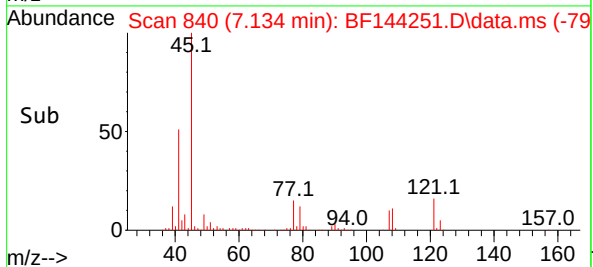
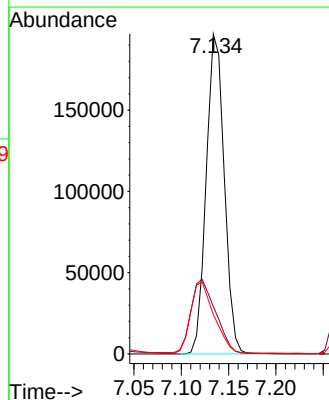
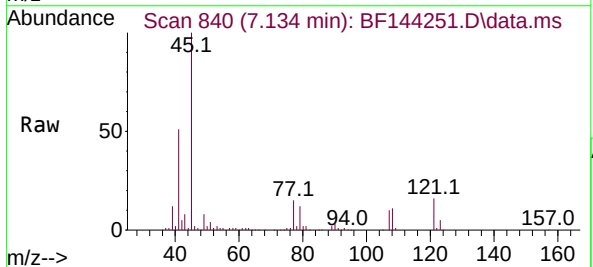
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

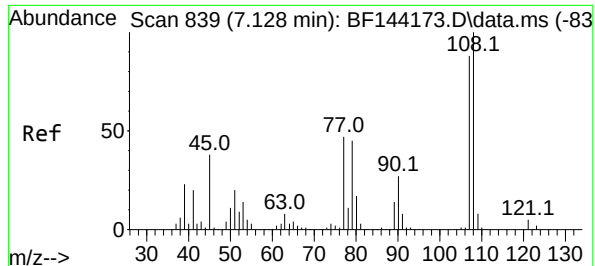
Tgt Ion: 79 Resp: 124809
Ion Ratio Lower Upper
79 100
108 71.7 58.2 87.4
77 63.1 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.311 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion: 45 Resp: 261019
Ion Ratio Lower Upper
45 100
77 14.8 0.0 31.8
79 12.3 0.0 29.1

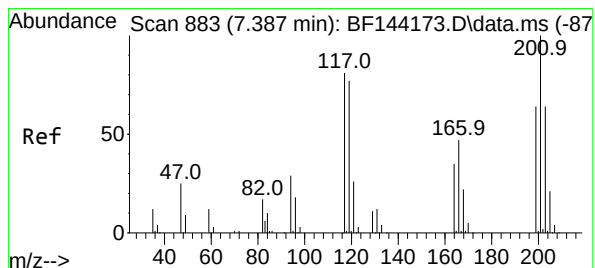
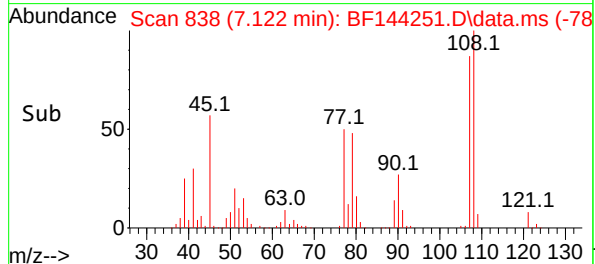
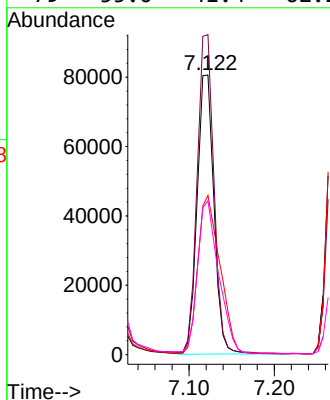
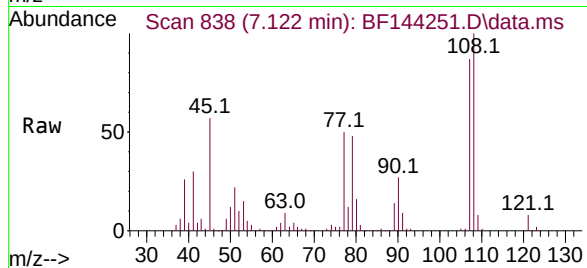




#17
2-Methylphenol
Concen: 42.650 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

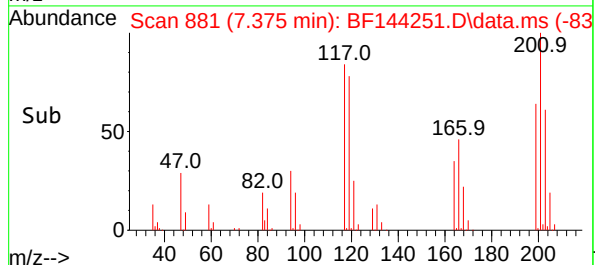
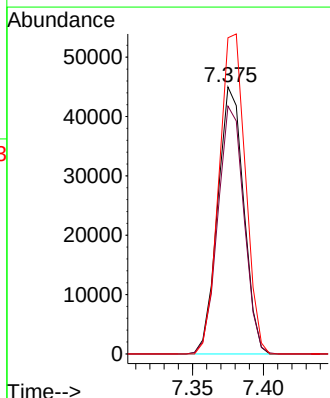
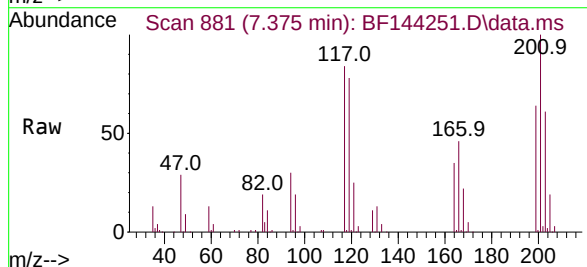
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

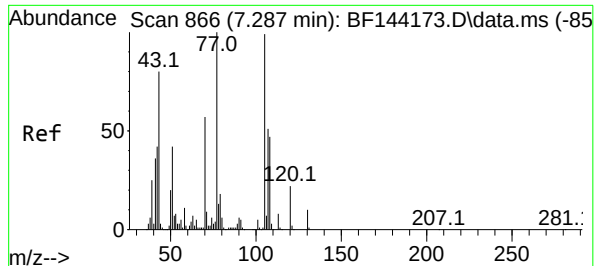
Tgt Ion:107 Resp: 110502
Ion Ratio Lower Upper
107 100
108 114.4 91.0 136.4
77 56.9 42.7 64.1
79 55.0 41.4 62.2



#18
Hexachloroethane
Concen: 42.861 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:117 Resp: 57332
Ion Ratio Lower Upper
117 100
119 92.8 75.8 113.8
201 118.4 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 41.310 ng

RT: 7.275 min Scan# 864

Delta R.T. 0.000 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 102329

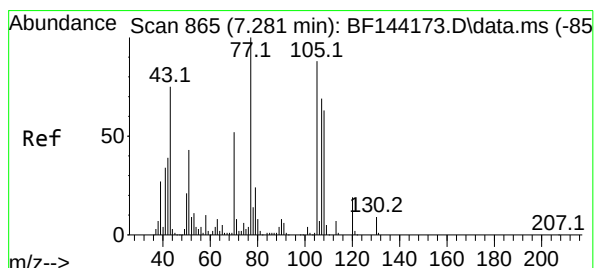
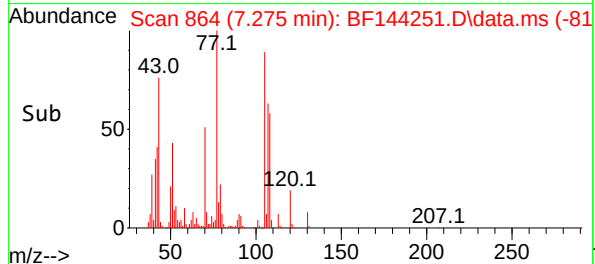
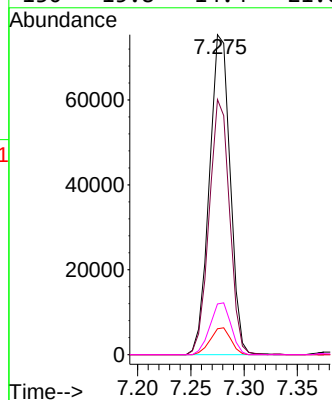
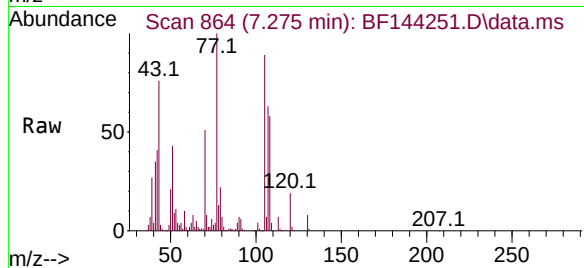
Ion Ratio Lower Upper

70 100

42 79.7 58.3 87.5

101 8.1 7.0 10.6

130 15.8 14.4 21.6



#20

3+4-Methylphenols

Concen: 42.324 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Tgt Ion: 107 Resp: 129266

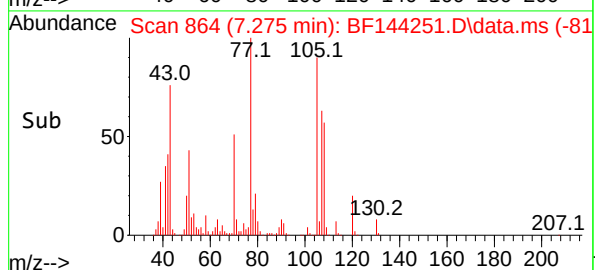
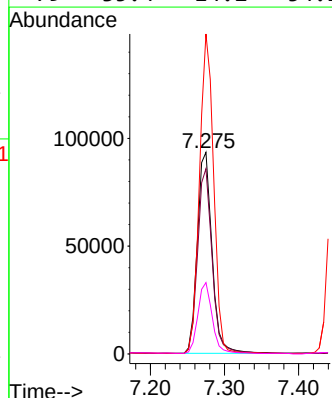
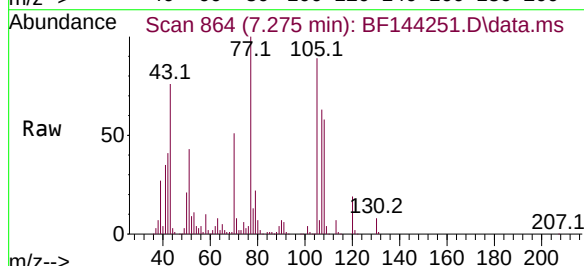
Ion Ratio Lower Upper

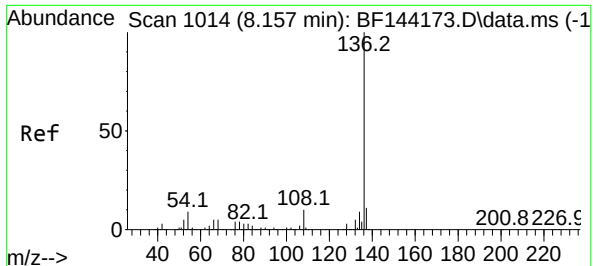
107 100

108 91.9 70.2 110.2

77 158.8 123.9 163.9

79 35.4 14.2 54.2

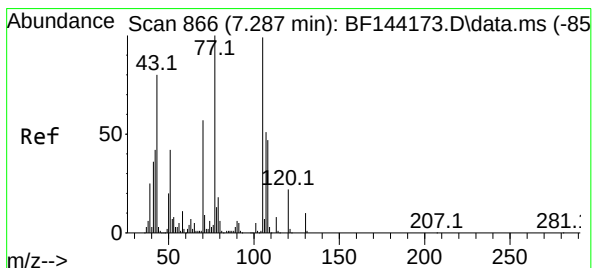
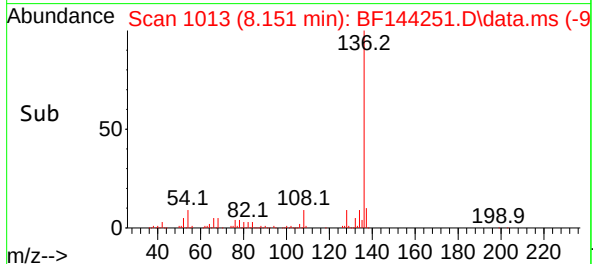
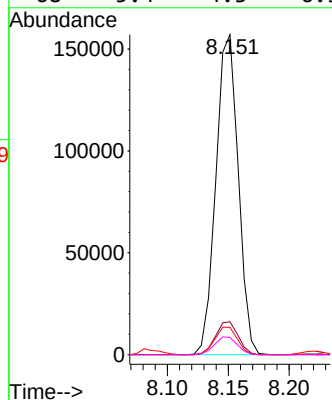
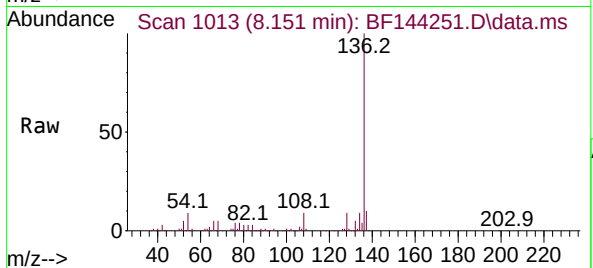




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

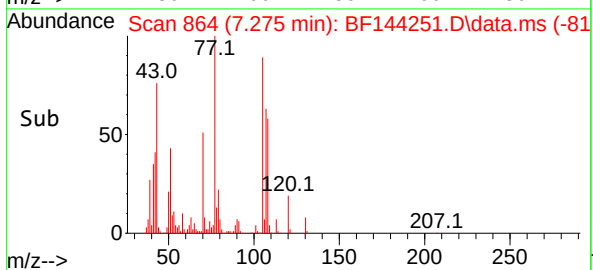
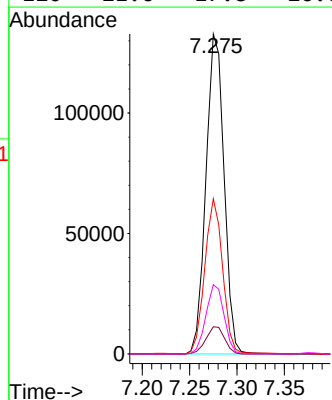
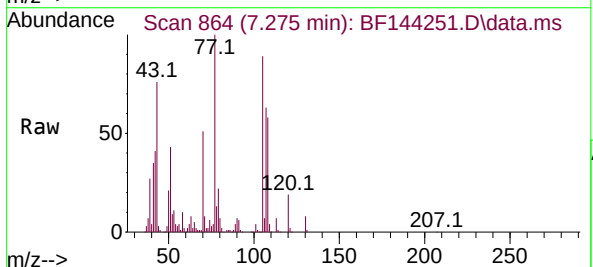
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

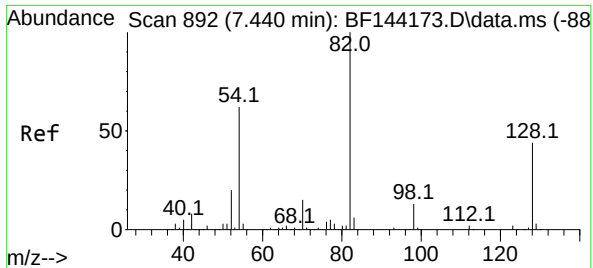
Tgt Ion:136 Resp: 200841
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.5 7.0 10.6
68 5.4 4.3 6.5



#22
Acetophenone
Concen: 41.002 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:105 Resp: 176655
Ion Ratio Lower Upper
105 100
71 8.5 7.2 10.8
51 48.5 34.0 51.0
120 21.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.795 ng

RT: 7.434 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

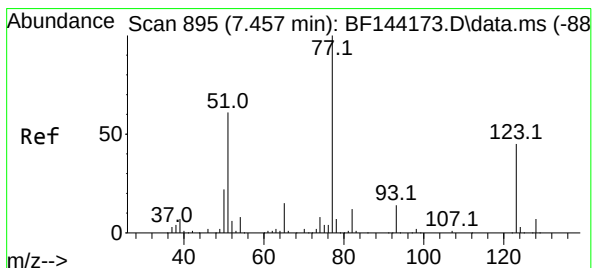
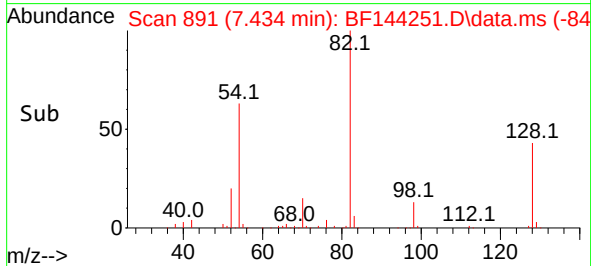
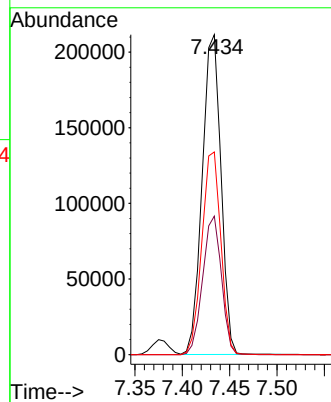
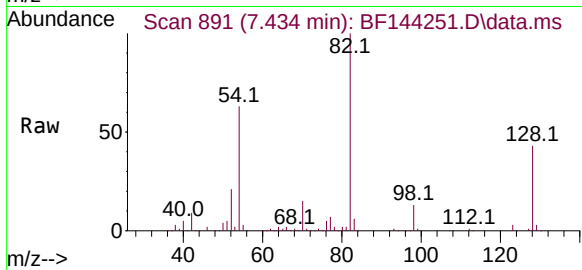
Tgt Ion: 82 Resp: 291394

Ion Ratio Lower Upper

82 100

128 43.3 34.7 52.1

54 63.3 49.5 74.3



#24

Nitrobenzene

Concen: 42.341 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

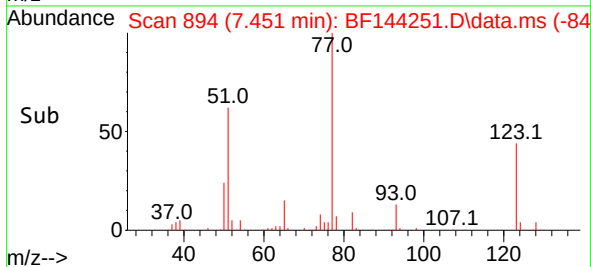
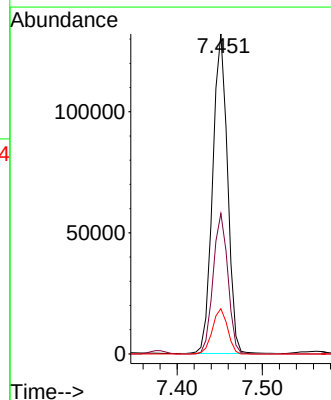
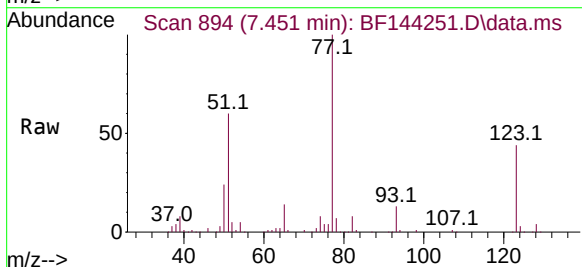
Tgt Ion: 77 Resp: 159867

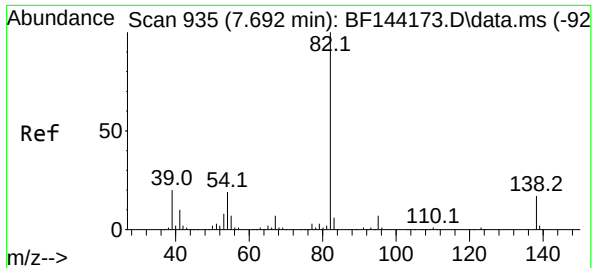
Ion Ratio Lower Upper

77 100

123 43.9 35.8 53.8

65 14.1 12.2 18.2

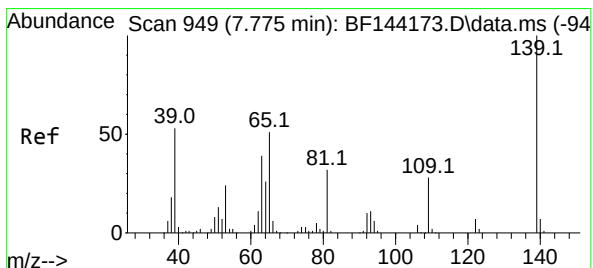
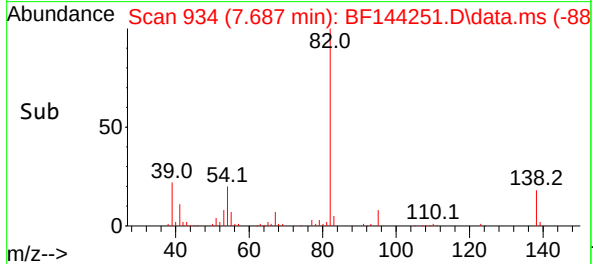
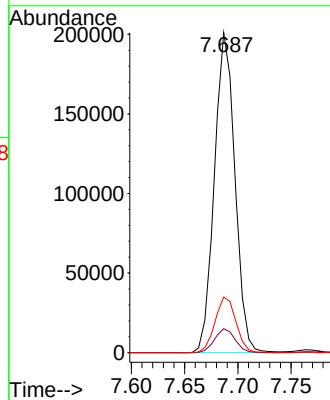
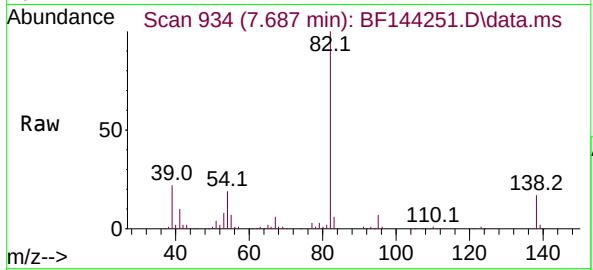




#25
Isophorone
Concen: 41.058 ng
RT: 7.687 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

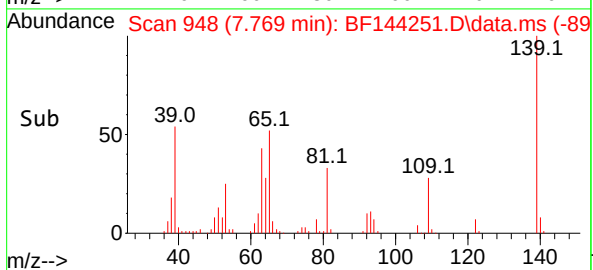
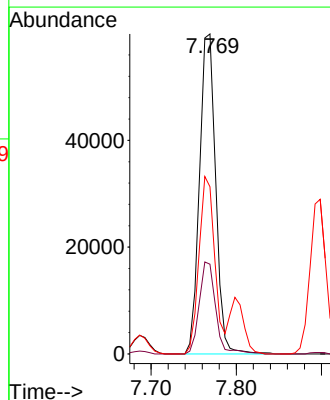
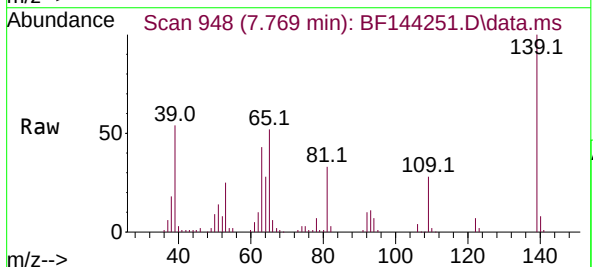
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

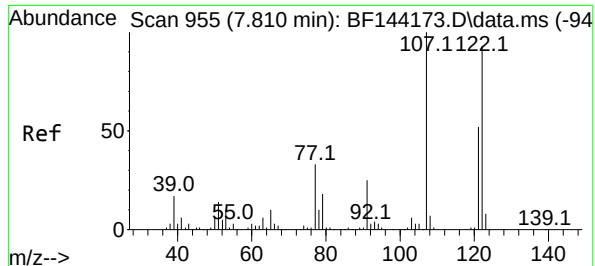
Tgt Ion: 82 Resp: 270067
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 17.4 13.7 20.5



#26
2-Nitrophenol
Concen: 42.349 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion: 139 Resp: 79152
Ion Ratio Lower Upper
139 100
109 28.0 22.2 33.2
65 52.2 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 41.915 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

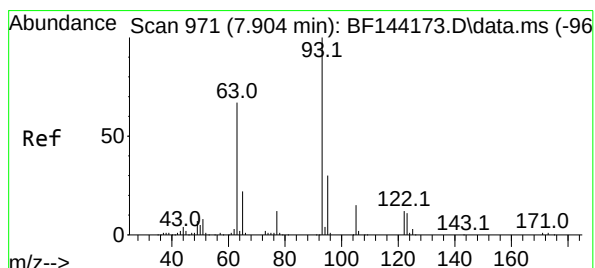
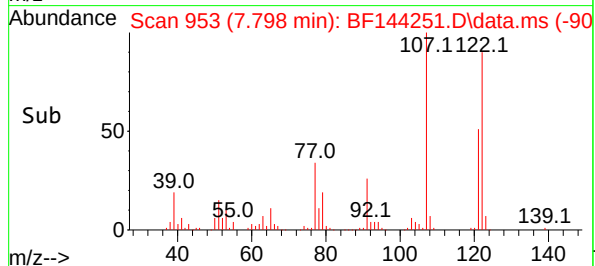
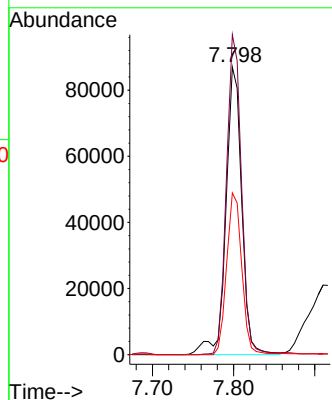
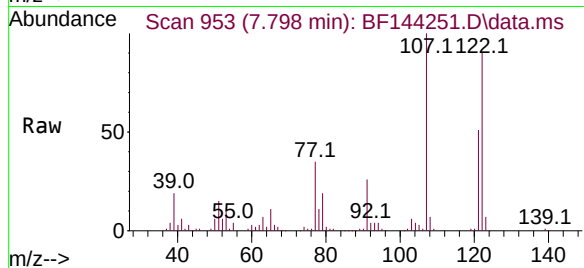
Tgt Ion:122 Resp: 117419

Ion Ratio Lower Upper

122 100

107 111.4 86.2 129.4

121 56.2 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.649 ng

RT: 7.898 min Scan# 970

Delta R.T. 0.000 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

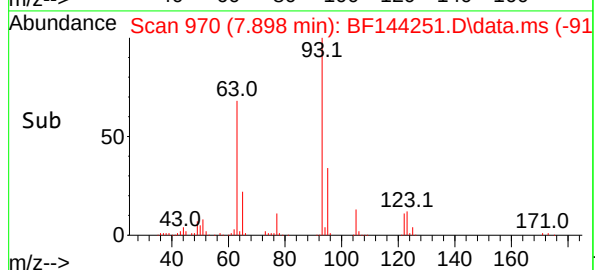
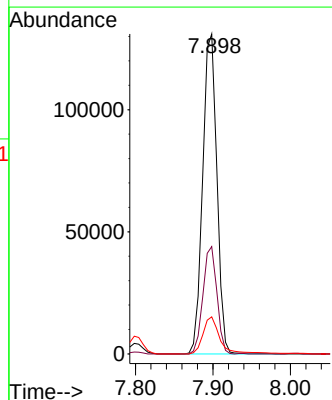
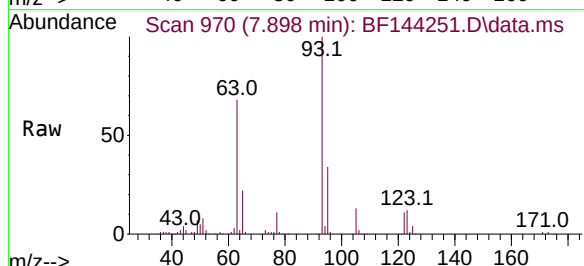
Tgt Ion: 93 Resp: 166966

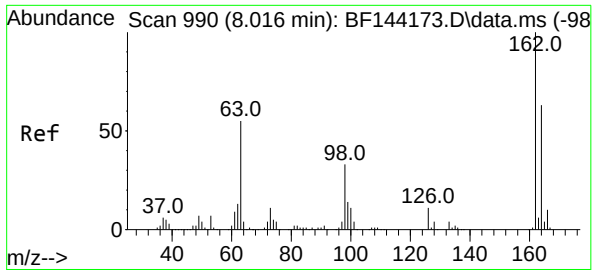
Ion Ratio Lower Upper

93 100

95 33.5 24.2 36.4

123 11.6 9.0 13.4

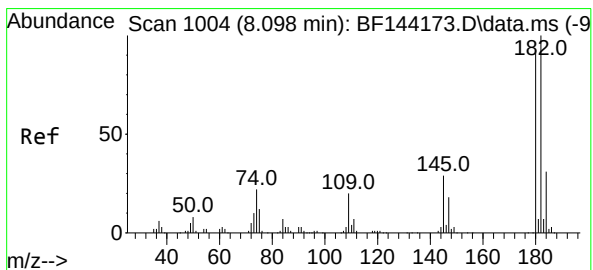
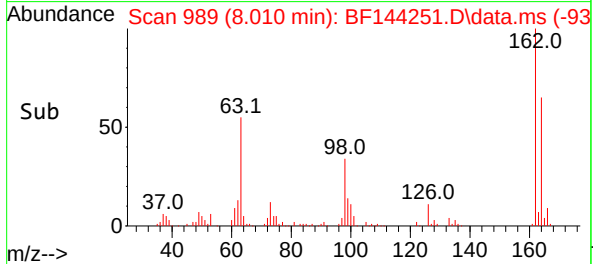
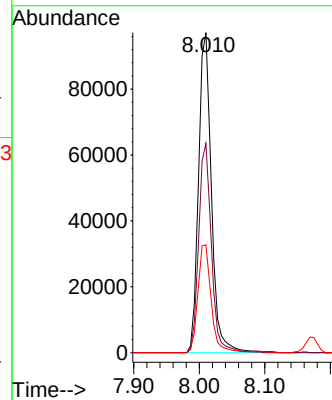
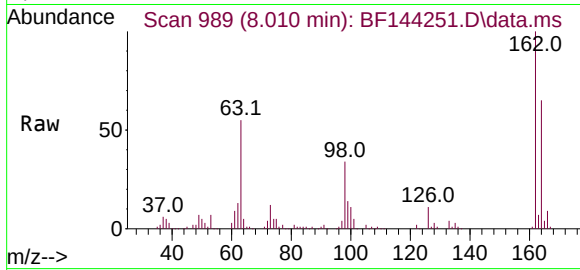




#29
2,4-Dichlorophenol
Concen: 41.065 ng
RT: 8.010 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

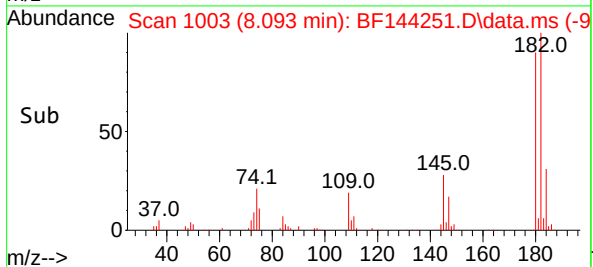
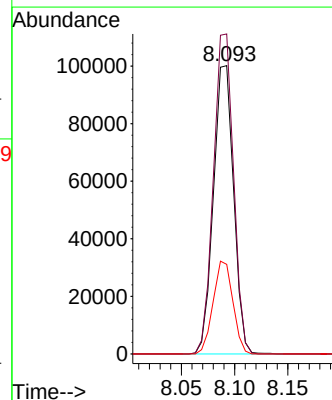
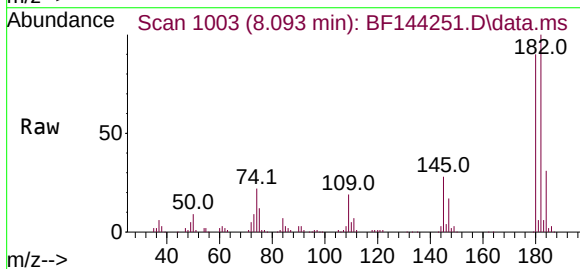
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

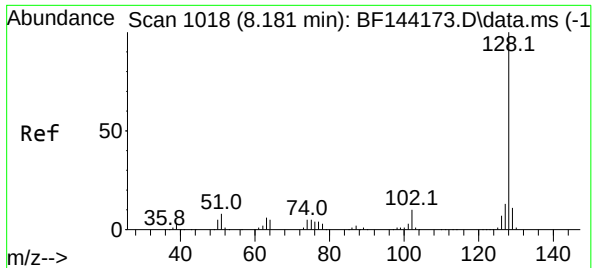
Tgt Ion:162 Resp: 132591
Ion Ratio Lower Upper
162 100
164 65.4 42.9 82.9
98 33.7 13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 39.877 ng
RT: 8.093 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:180 Resp: 132213
Ion Ratio Lower Upper
180 100
182 111.0 87.7 131.5
145 31.1 25.4 38.0





#31

Naphthalene

Concen: 41.024 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

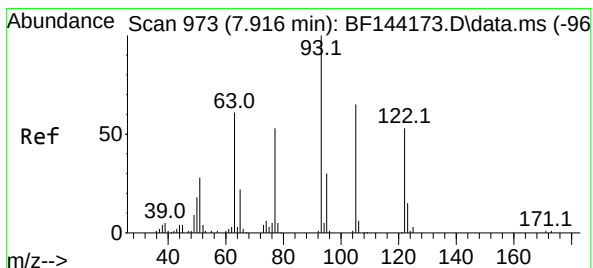
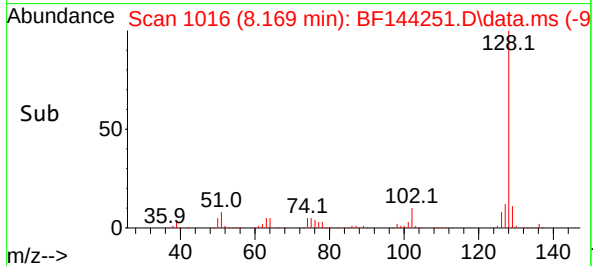
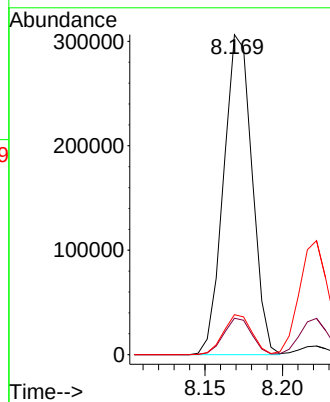
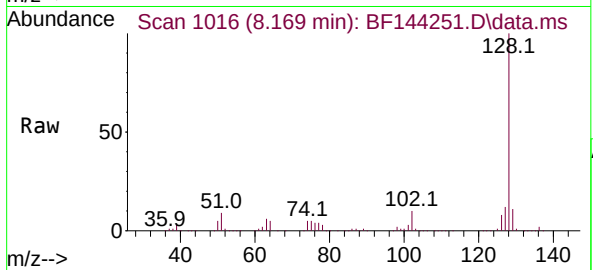
Tgt Ion:128 Resp: 391932

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

127 12.5 10.3 15.5



#32

Benzoic acid

Concen: 34.924 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.041 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

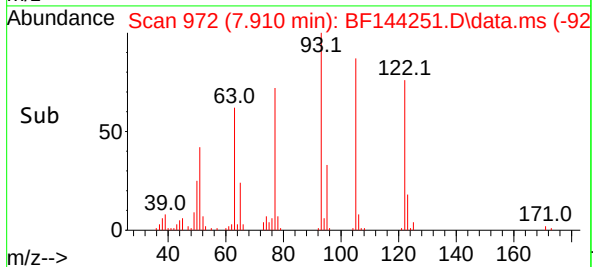
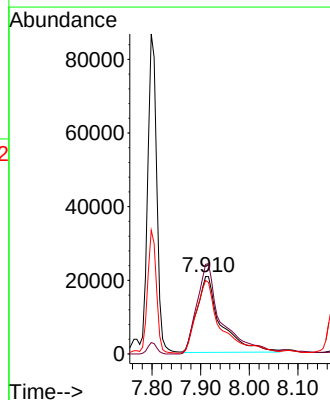
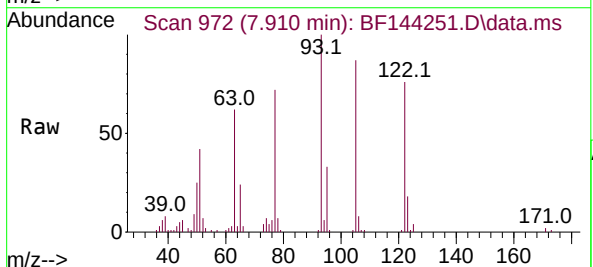
Tgt Ion:122 Resp: 71715

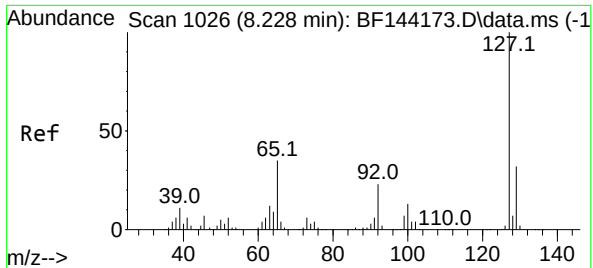
Ion Ratio Lower Upper

122 100

105 115.8 99.9 139.9

77 94.9 77.5 117.5

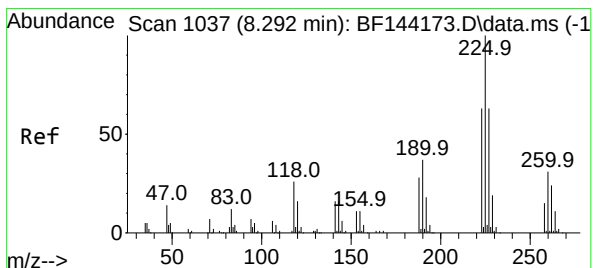
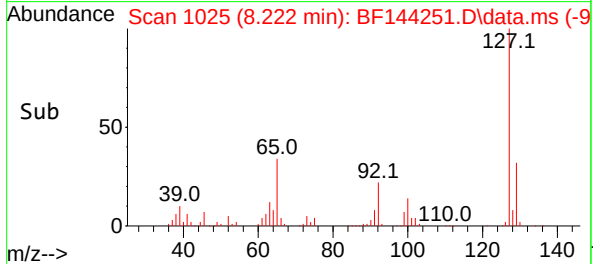
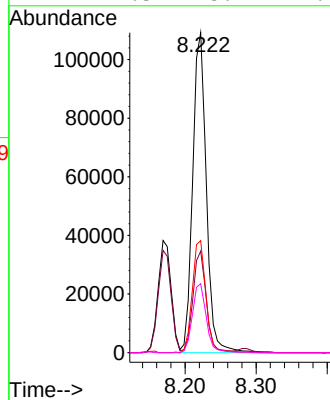
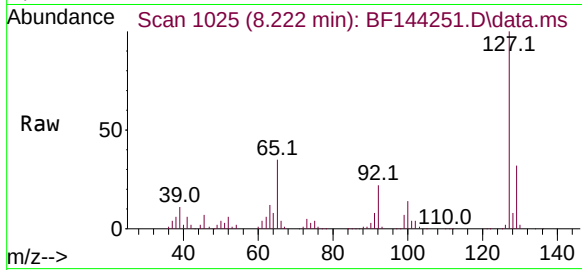




#33
4-Chloroaniline
Concen: 41.976 ng
RT: 8.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

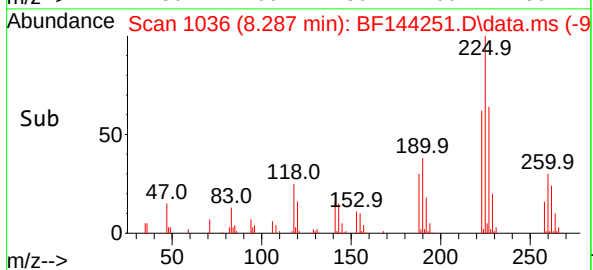
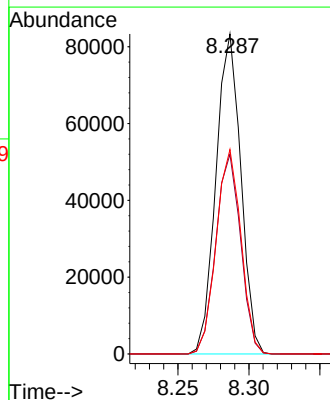
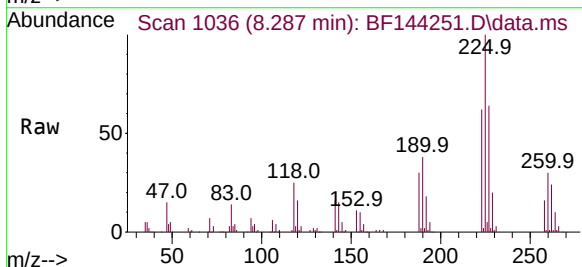
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

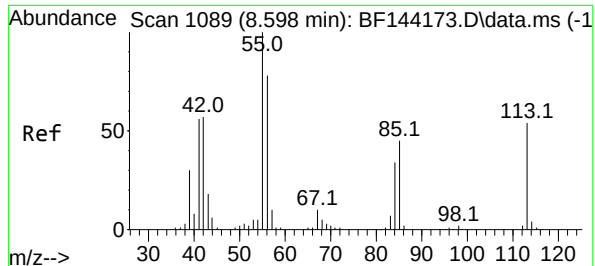
Tgt Ion:127	Resp: 146263
Ion Ratio	Lower Upper
127 100	
129 31.7	25.3 37.9
65 35.0	27.6 41.4
92 21.5	18.4 27.6



#34
Hexachlorobutadiene
Concen: 40.698 ng
RT: 8.287 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:225	Resp: 101692
Ion Ratio	Lower Upper
225 100	
223 62.4	50.2 75.4
227 63.9	50.1 75.1





#35

Caprolactam

Concen: 39.525 ng

RT: 8.592 min Scan# 1089

Delta R.T. -0.029 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

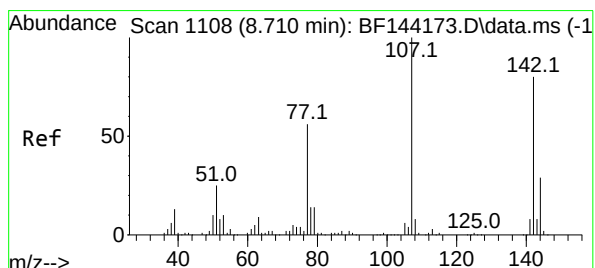
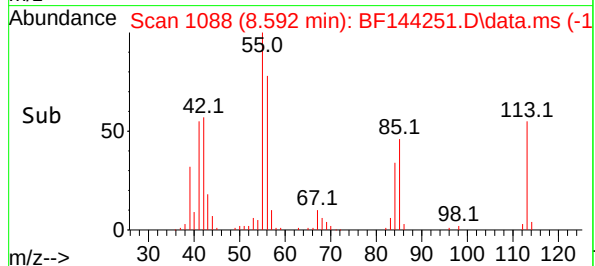
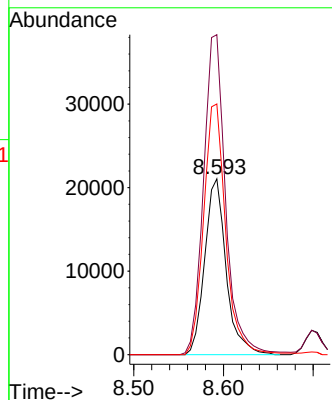
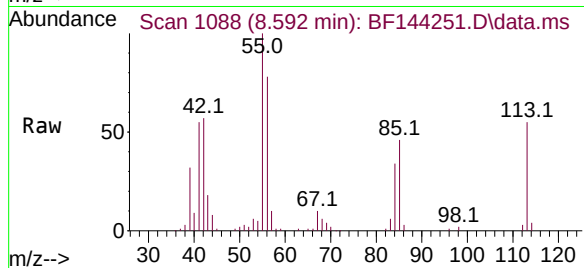
Tgt Ion:113 Resp: 34963

Ion Ratio Lower Upper

113 100

55 182.0 166.8 206.8

56 142.5 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 42.997 ng

RT: 8.698 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

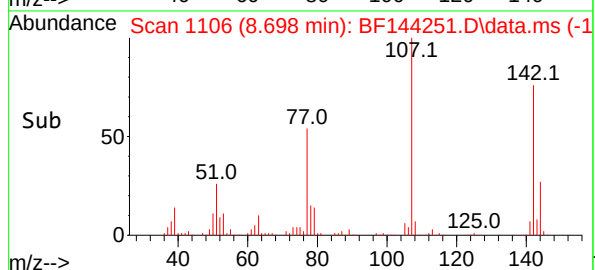
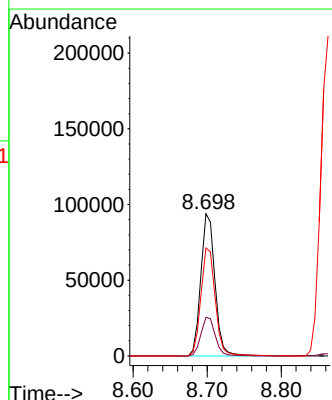
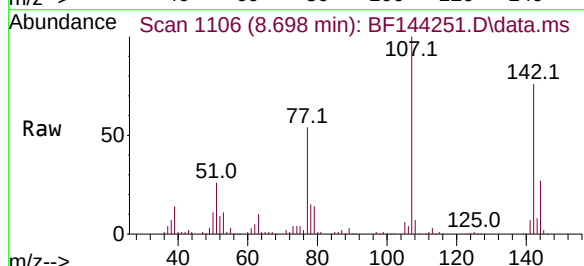
Tgt Ion:107 Resp: 124419

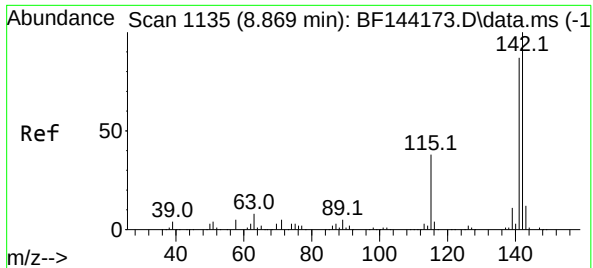
Ion Ratio Lower Upper

107 100

144 27.2 23.3 34.9

142 75.9 63.8 95.6

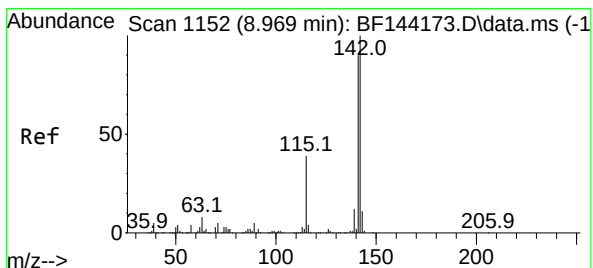
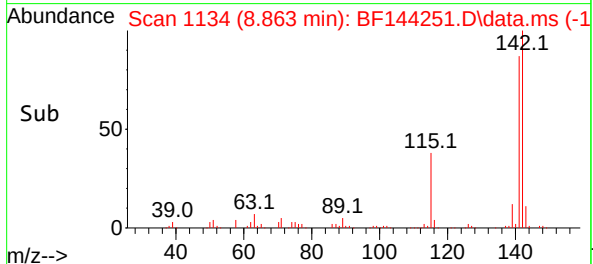
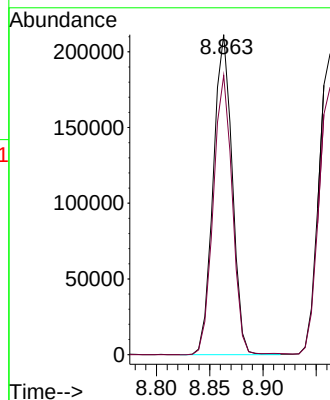
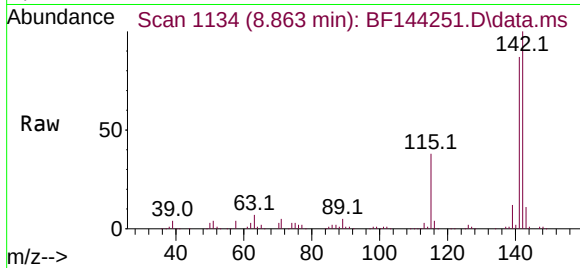




#37
2-Methylnaphthalene
Concen: 40.979 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

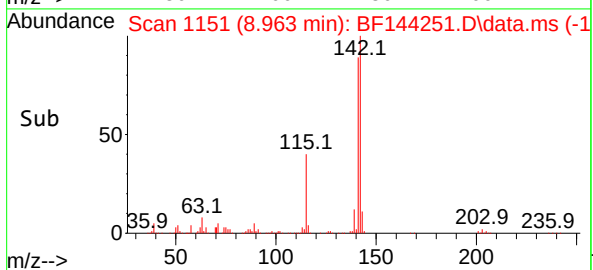
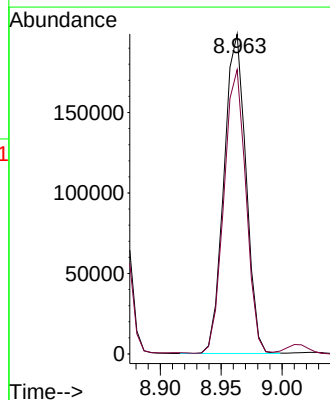
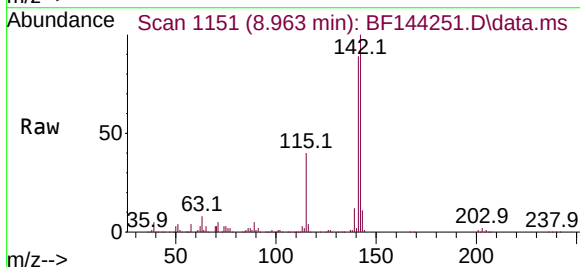
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

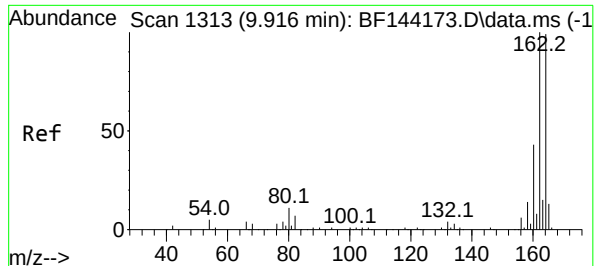
Tgt Ion:142 Resp: 261760
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9



#38
1-Methylnaphthalene
Concen: 40.484 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:142 Resp: 249518
Ion Ratio Lower Upper
142 100
141 88.8 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

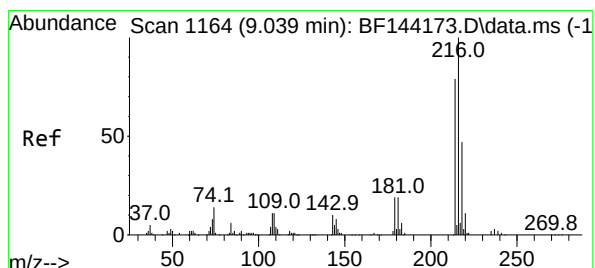
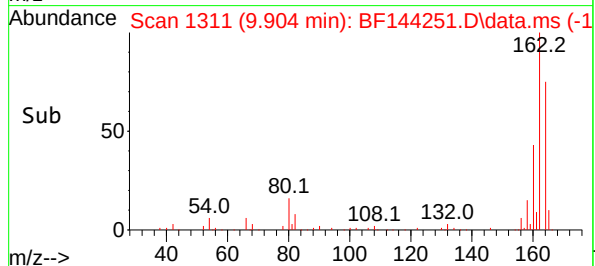
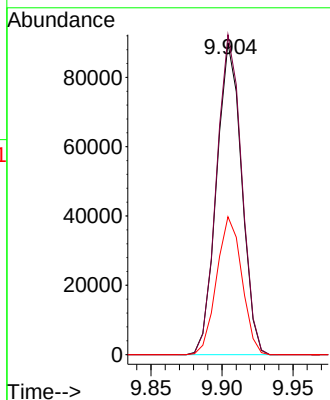
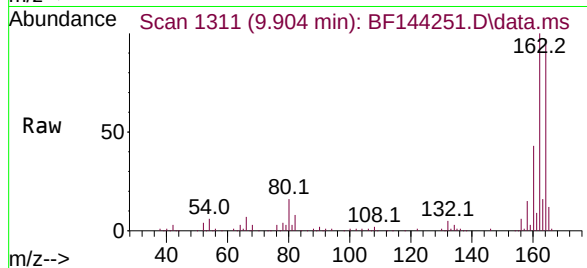
Tgt Ion:164 Resp: 110568

Ion Ratio Lower Upper

164 100

162 102.7 81.1 121.7

160 44.3 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.892 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Tgt Ion:216 Resp: 151803

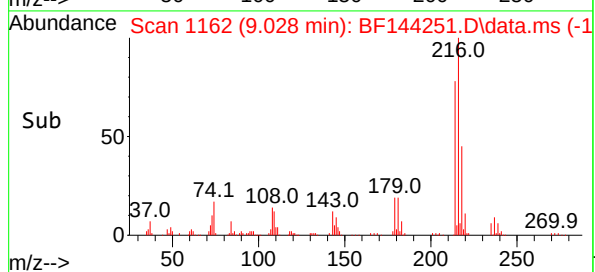
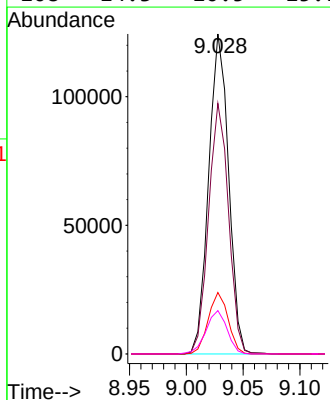
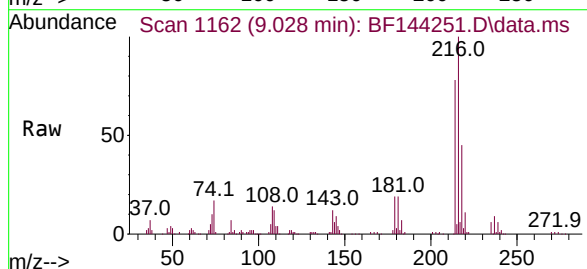
Ion Ratio Lower Upper

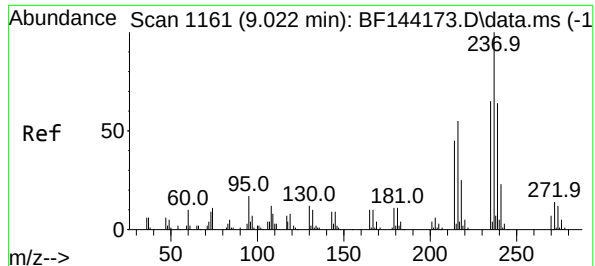
216 100

214 78.3 63.4 95.2

179 19.1 15.0 22.4

108 14.3 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 53.222 ng

RT: 9.016 min Scan# 1161

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

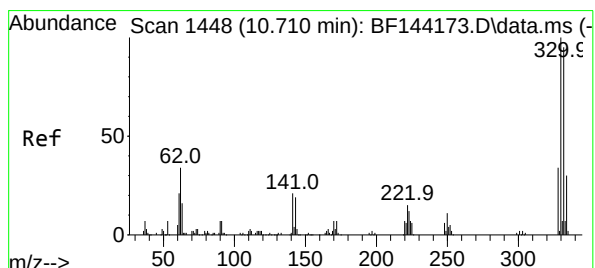
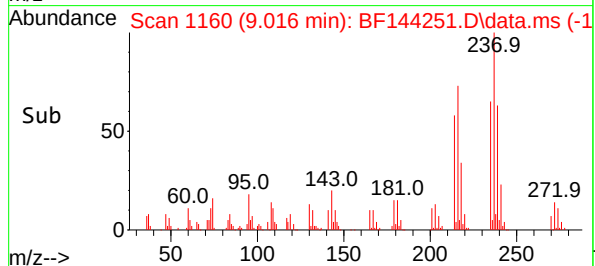
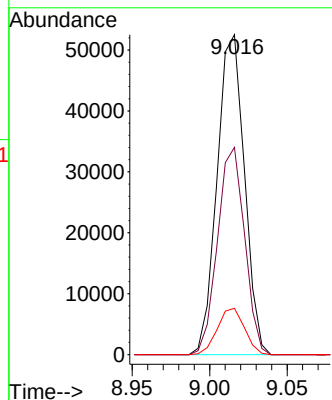
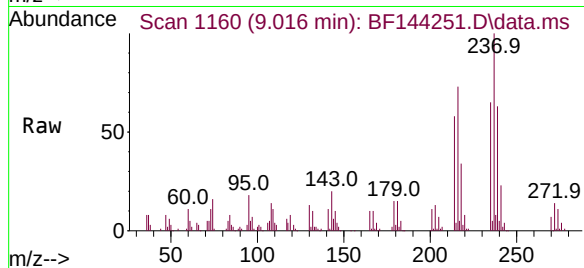
Tgt Ion:237 Resp: 64761

Ion Ratio Lower Upper

237 100

235 64.8 45.5 85.5

272 14.5 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 77.166 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

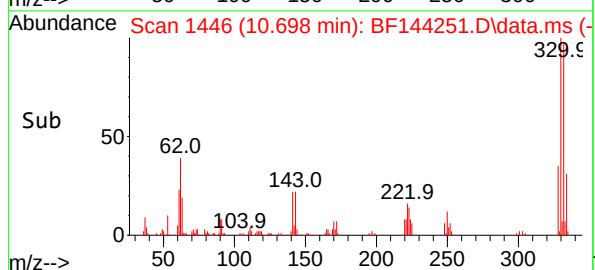
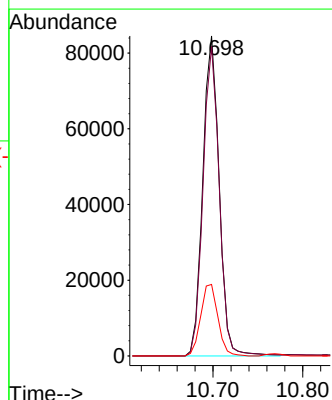
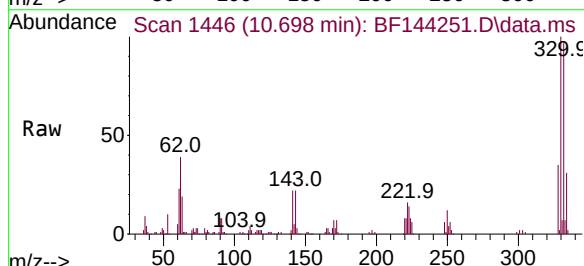
Tgt Ion:330 Resp: 107068

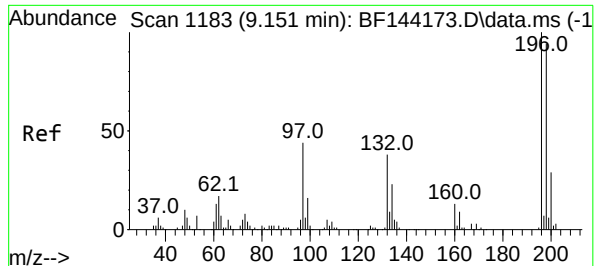
Ion Ratio Lower Upper

330 100

332 95.8 76.7 115.1

141 23.5 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 41.299 ng

RT: 9.140 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

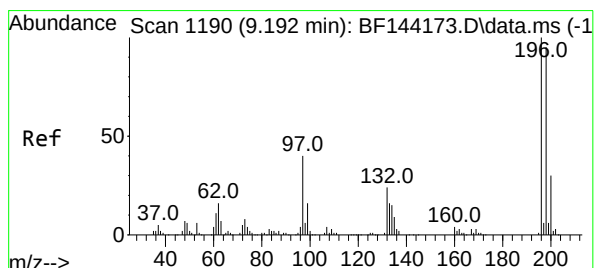
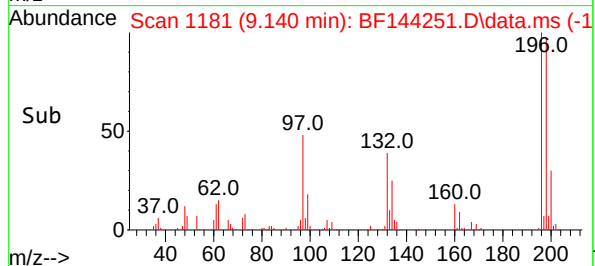
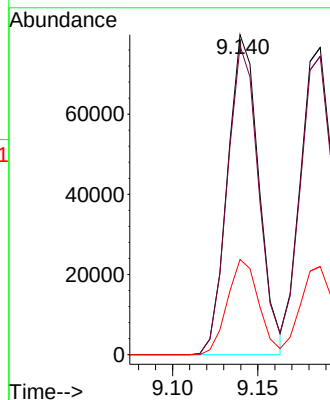
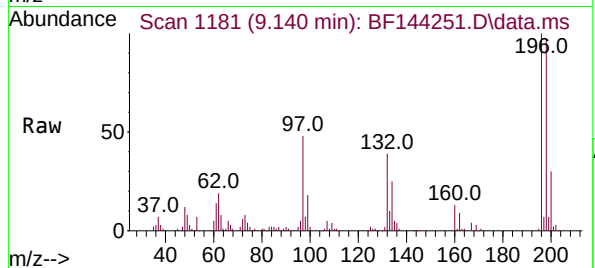
Tgt Ion:196 Resp: 101858

Ion Ratio Lower Upper

196 100

198 96.5 75.3 112.9

200 29.7 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 40.652 ng

RT: 9.187 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Tgt Ion:196 Resp: 108059

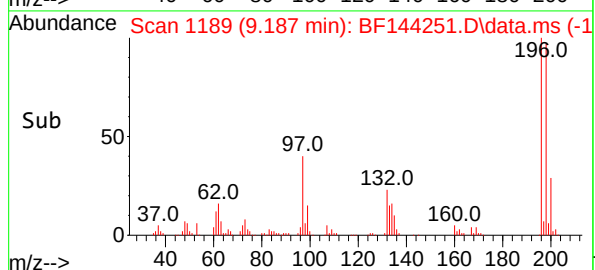
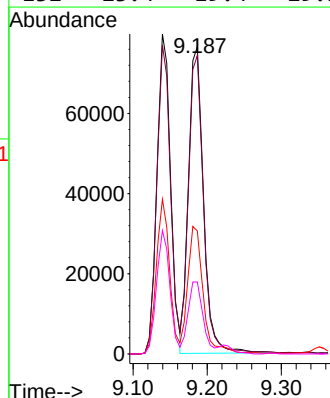
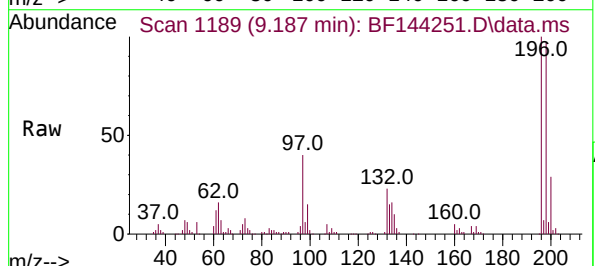
Ion Ratio Lower Upper

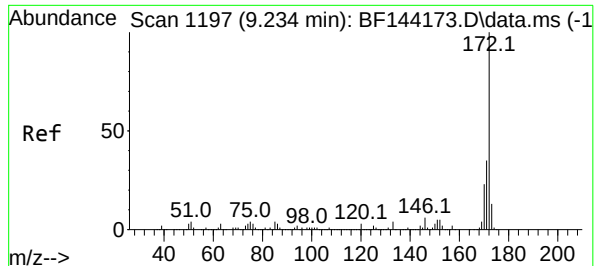
196 100

198 97.1 76.1 114.1

97 40.0 31.9 47.9

132 23.4 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 81.251 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

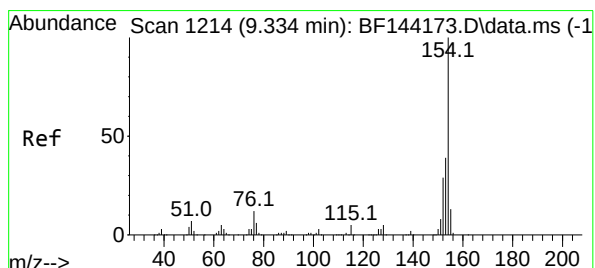
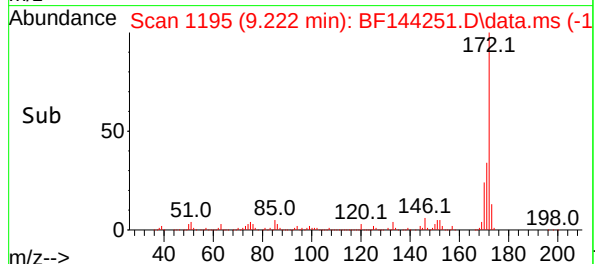
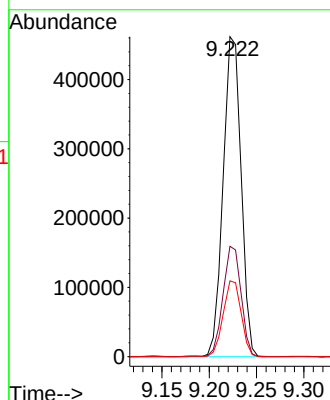
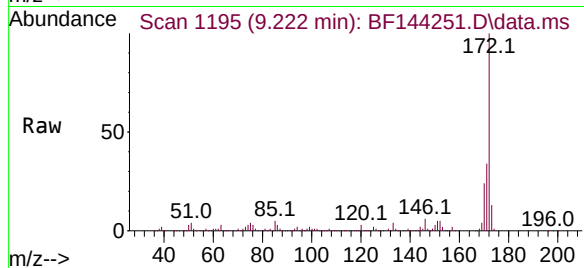
Tgt Ion:172 Resp: 608269

Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 41.361 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

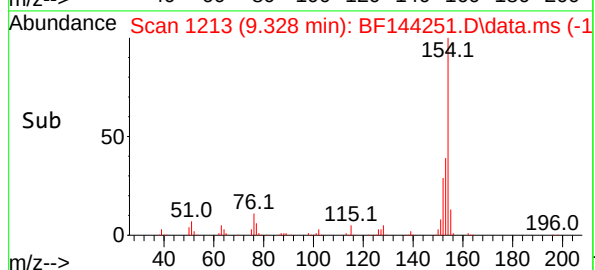
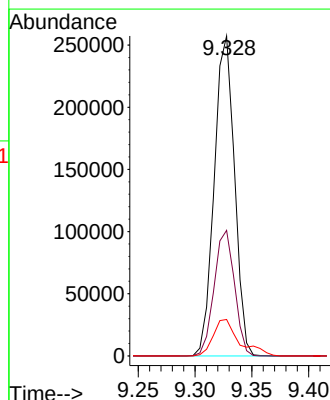
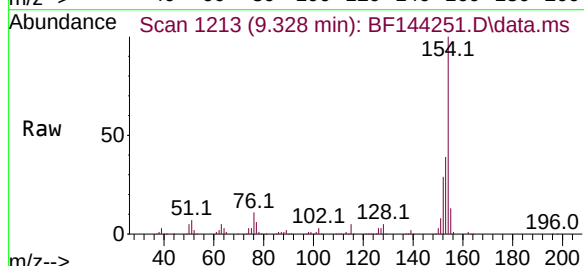
Tgt Ion:154 Resp: 319227

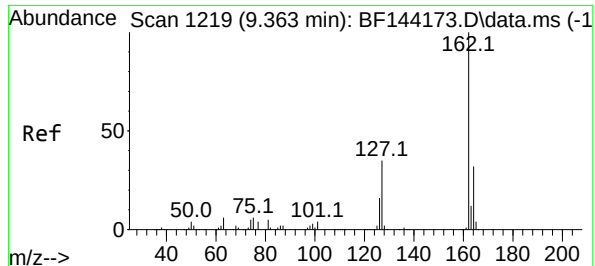
Ion Ratio Lower Upper

154 100

153 39.2 19.2 59.2

76 11.4 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.129 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

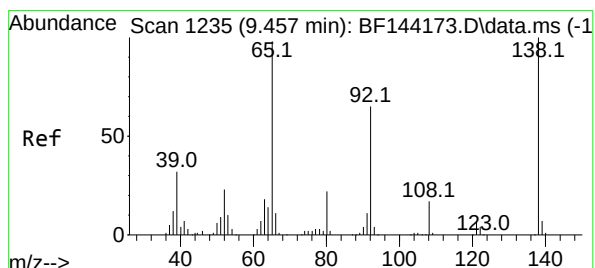
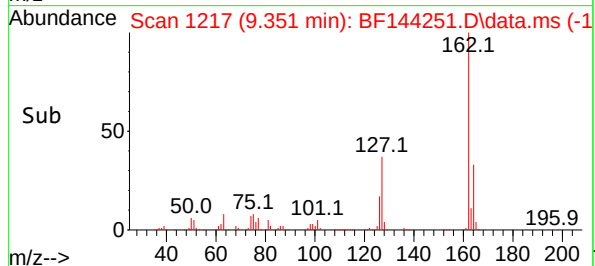
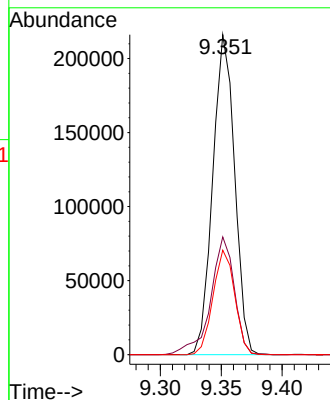
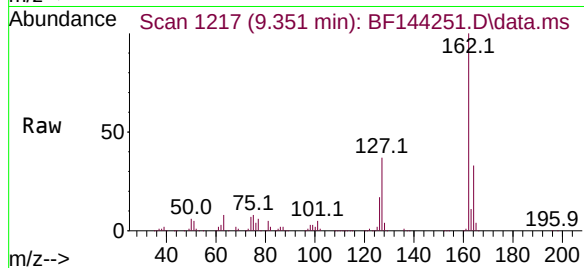
Tgt Ion:162 Resp: 270772

Ion Ratio Lower Upper

162 100

127 36.8 28.8 43.2

164 32.6 25.8 38.8



#48

2-Nitroaniline

Concen: 44.371 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

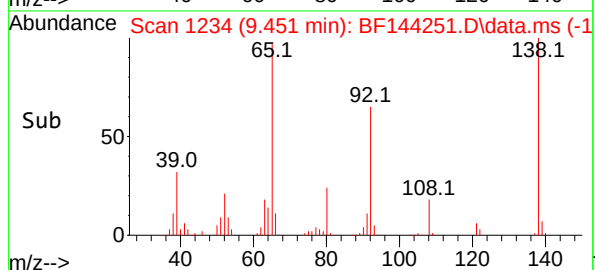
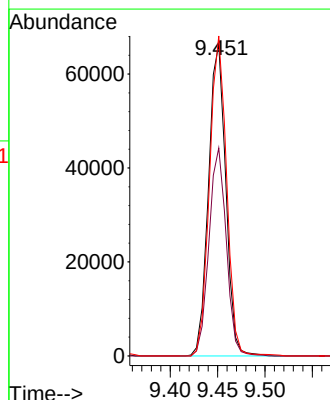
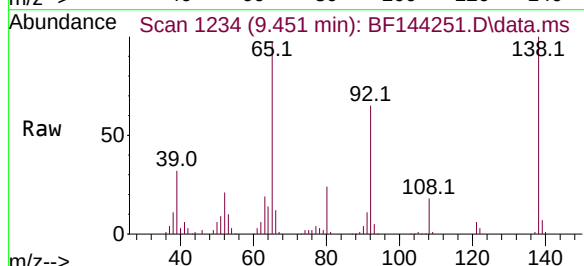
Tgt Ion: 65 Resp: 84285

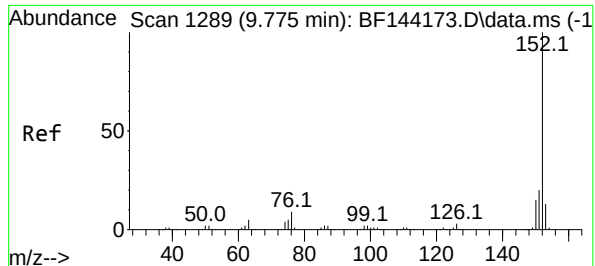
Ion Ratio Lower Upper

65 100

92 66.7 53.0 79.6

138 102.6 81.6 122.4





#49

Acenaphthylene

Concen: 41.548 ng

RT: 9.769 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

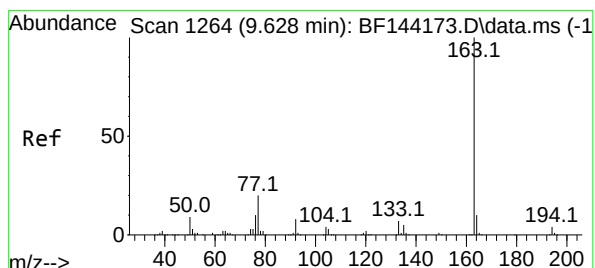
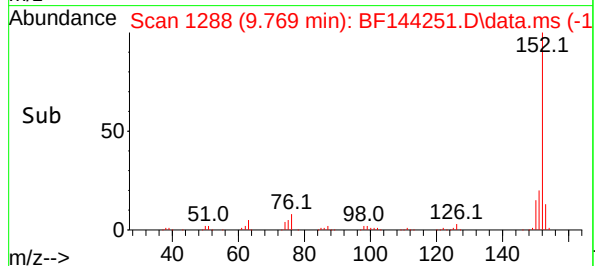
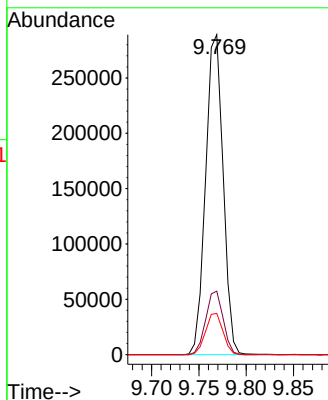
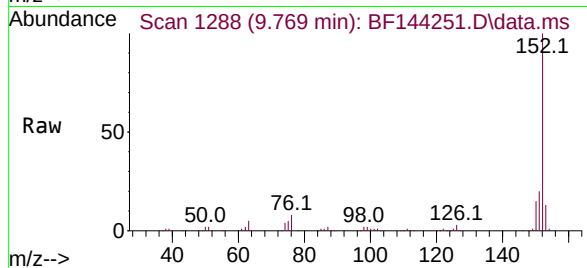
Tgt Ion:152 Resp: 372747

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 40.943 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

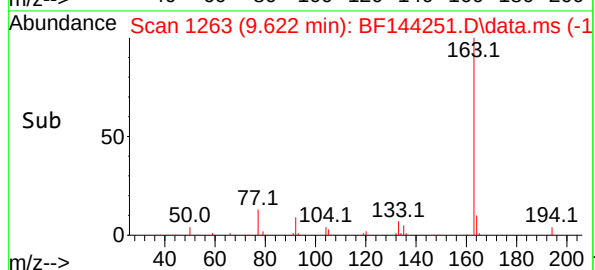
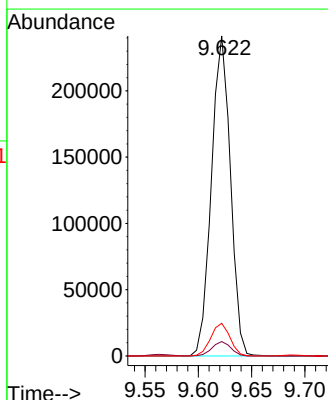
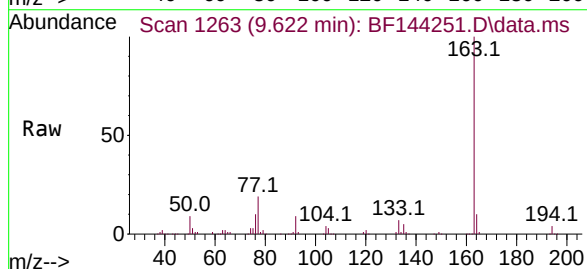
Tgt Ion:163 Resp: 299906

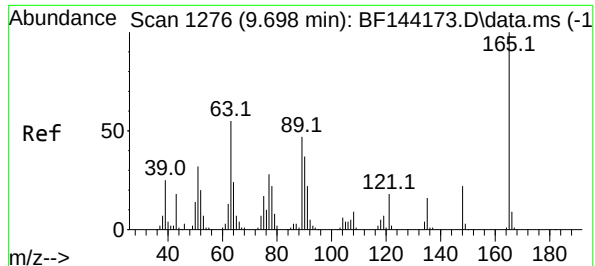
Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

164 10.2 8.1 12.1

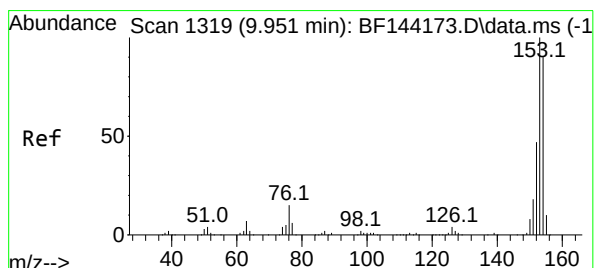
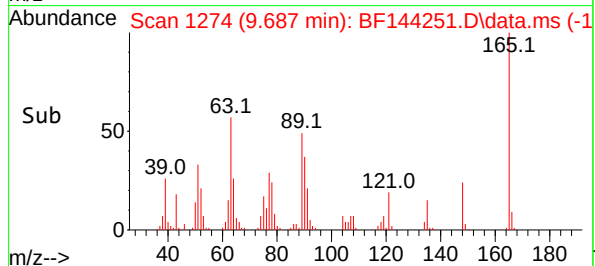
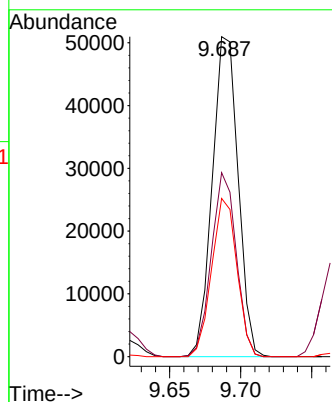
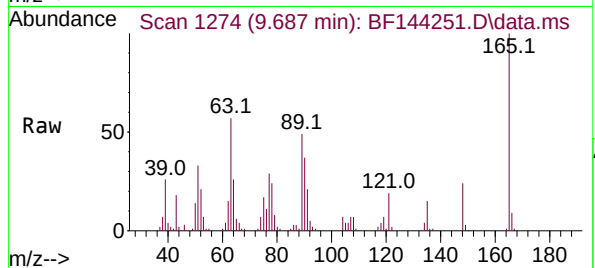




#51
2,6-Dinitrotoluene
Concen: 43.512 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

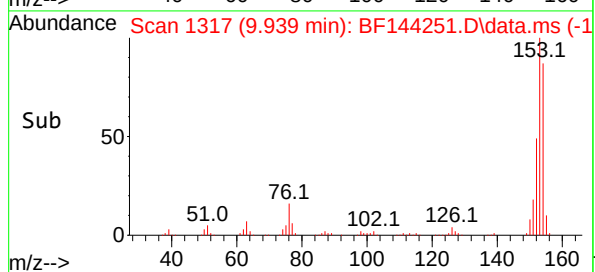
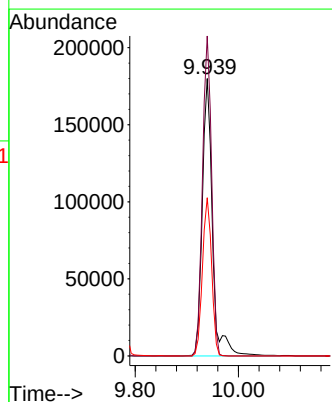
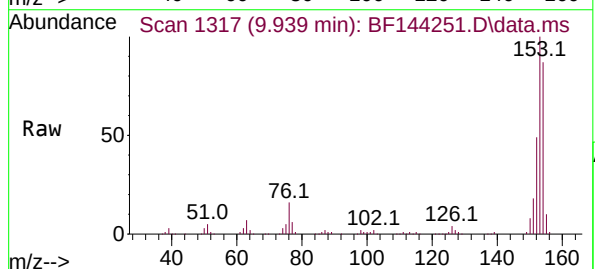
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

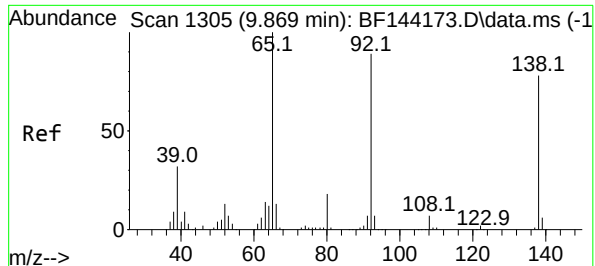
Tgt Ion:165 Resp: 64519
Ion Ratio Lower Upper
165 100
63 57.5 43.8 65.8
89 49.4 37.5 56.3



#52
Acenaphthene
Concen: 40.890 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:154 Resp: 245317
Ion Ratio Lower Upper
154 100
153 115.4 89.0 133.4
152 57.0 42.2 63.4





#53

3-Nitroaniline

Concen: 41.198 ng

RT: 9.863 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

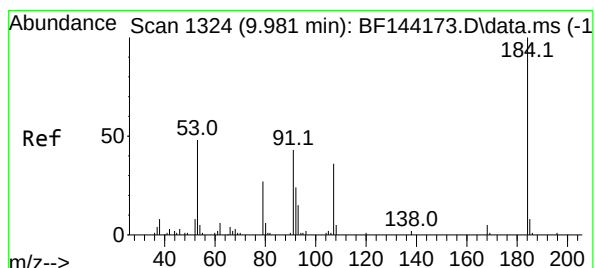
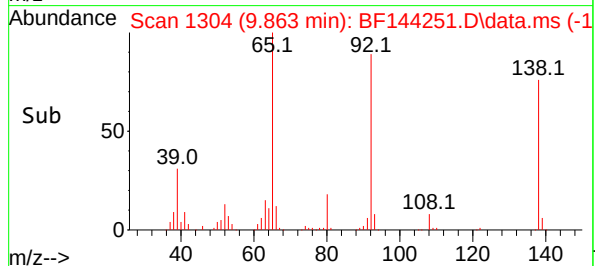
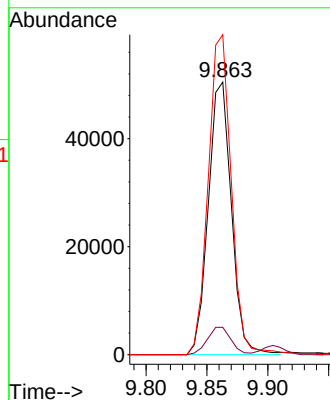
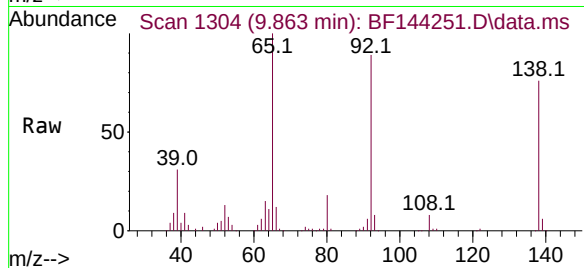
Tgt Ion:138 Resp: 66778

Ion Ratio Lower Upper

138 100

108 10.0 7.5 11.3

92 117.4 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 48.603 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

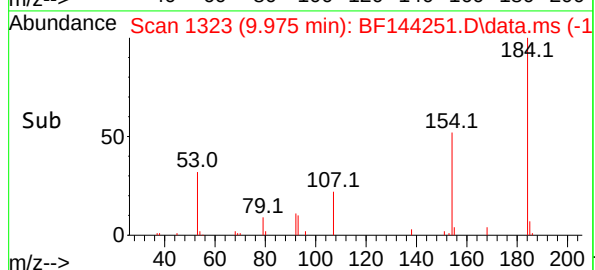
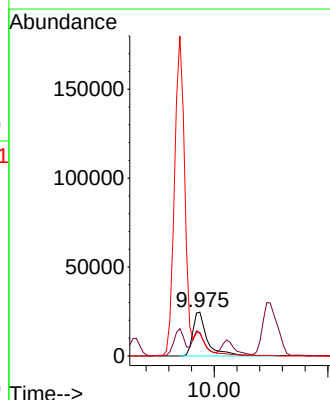
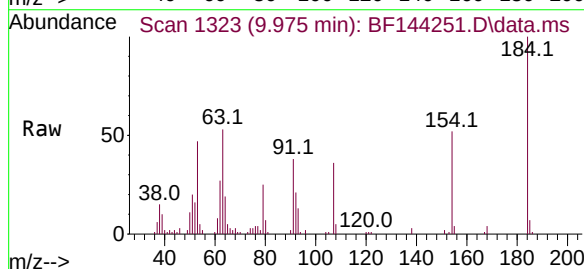
Tgt Ion:184 Resp: 43519

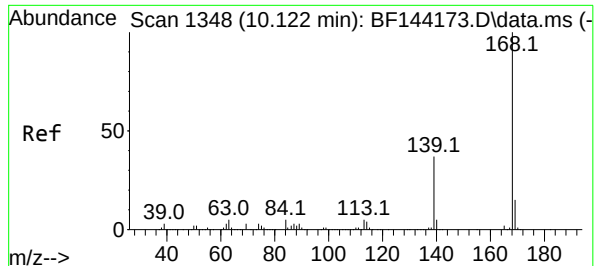
Ion Ratio Lower Upper

184 100

63 53.3 44.0 66.0

154 52.2 42.4 63.6





#55

Dibenzenofuran

Concen: 40.735 ng

RT: 10.110 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

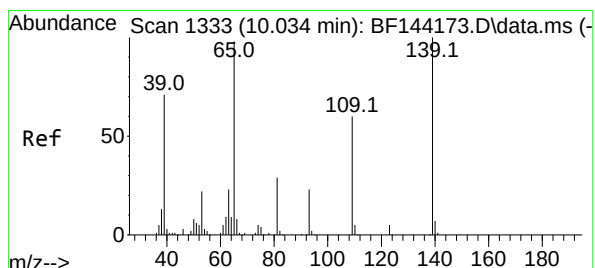
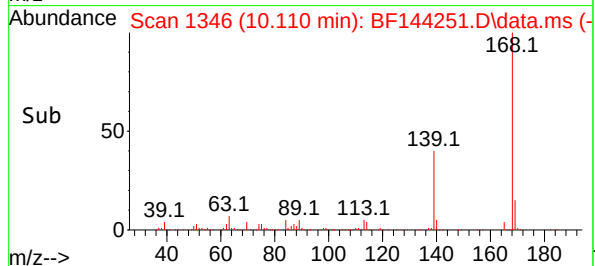
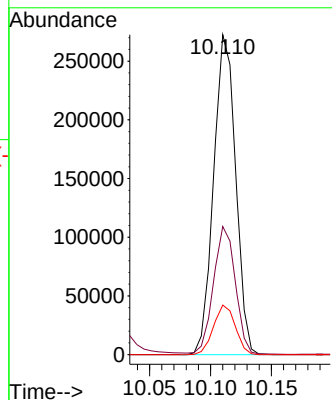
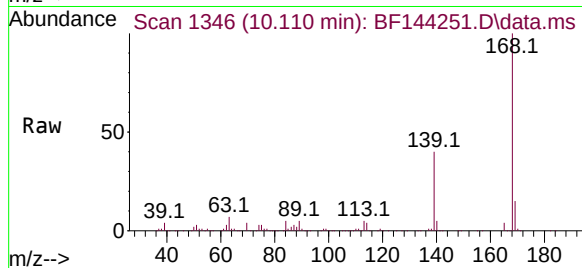
Tgt Ion:168 Resp: 342275

Ion Ratio Lower Upper

168 100

139 40.0 30.2 45.2

169 15.5 12.2 18.4



#56

4-Nitrophenol

Concen: 34.743 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.017 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

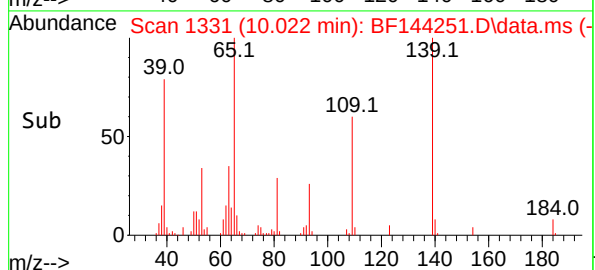
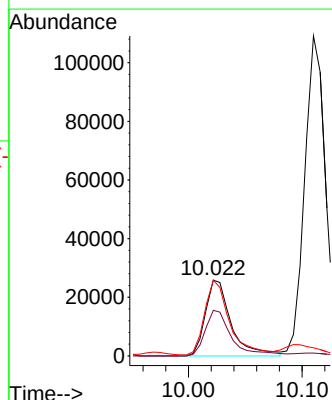
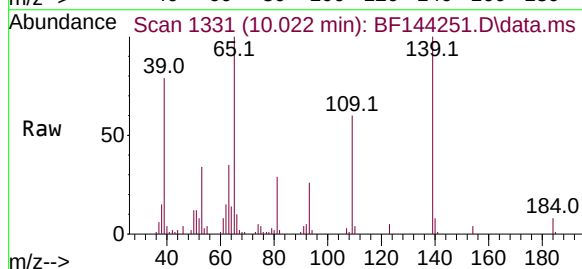
Tgt Ion:139 Resp: 40737

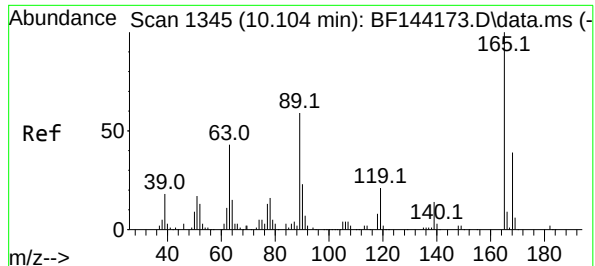
Ion Ratio Lower Upper

139 100

109 60.1 39.9 79.9

65 100.0 79.5 119.5

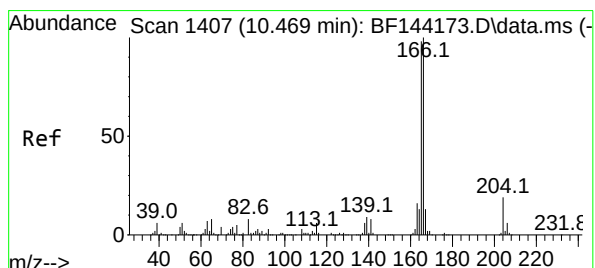
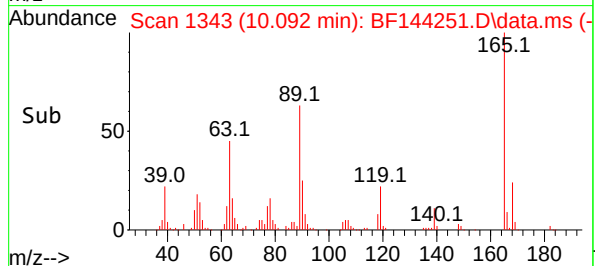
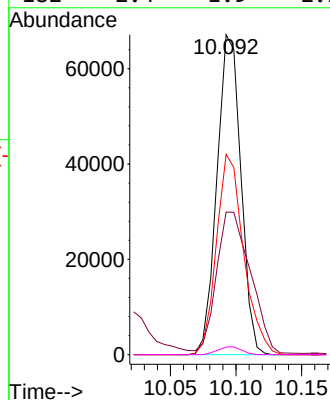
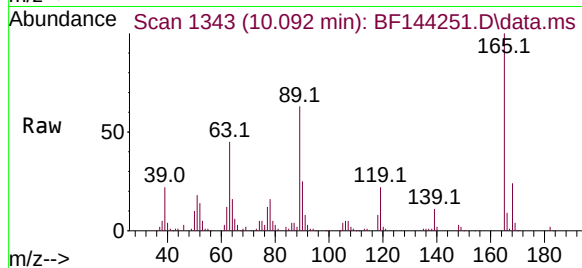




#57
2,4-Dinitrotoluene
Concen: 43.061 ng
RT: 10.092 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

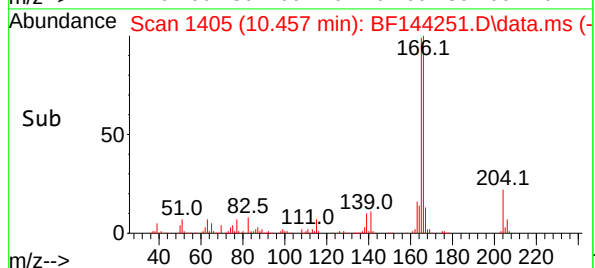
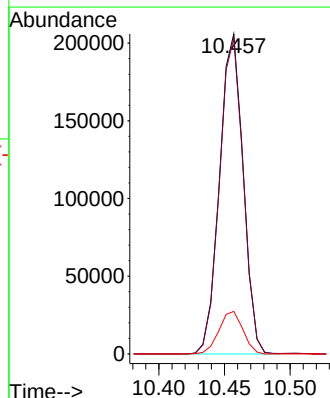
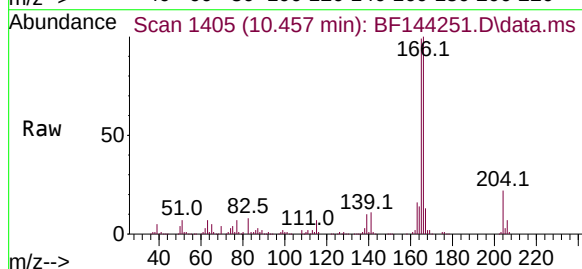
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

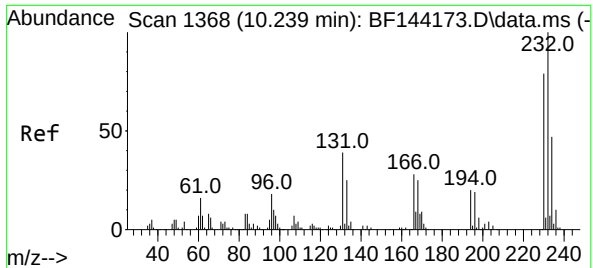
Tgt Ion:165 Resp: 85476
Ion Ratio Lower Upper
165 100
63 44.5 35.5 53.3
89 62.6 47.4 71.2
182 2.4 1.9 2.9



#58
Fluorene
Concen: 40.542 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:166 Resp: 259003
Ion Ratio Lower Upper
166 100
165 98.6 78.6 118.0
167 13.3 10.4 15.6

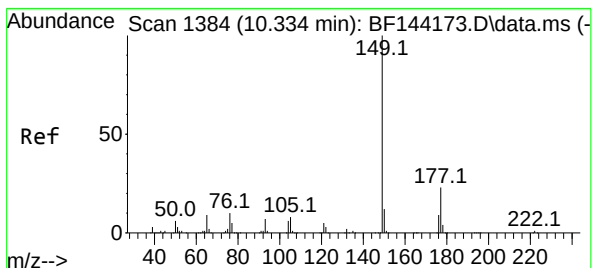
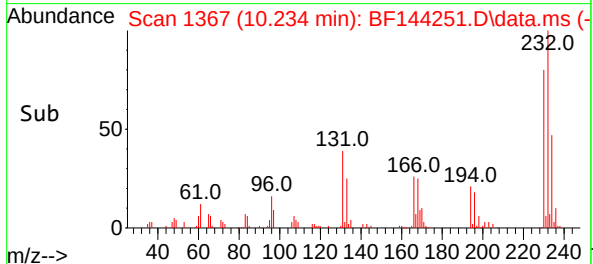
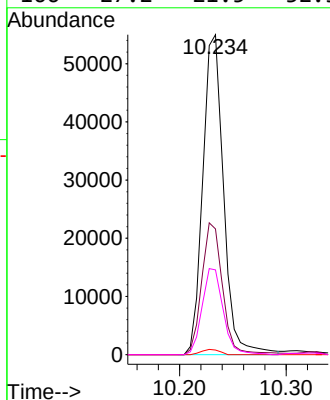
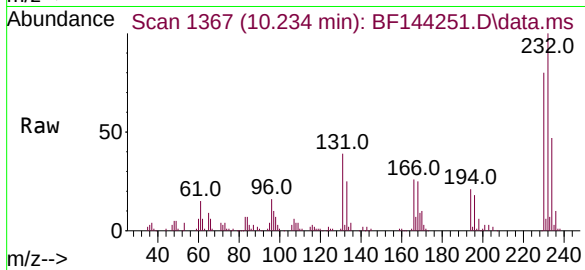




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.585 ng
RT: 10.234 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

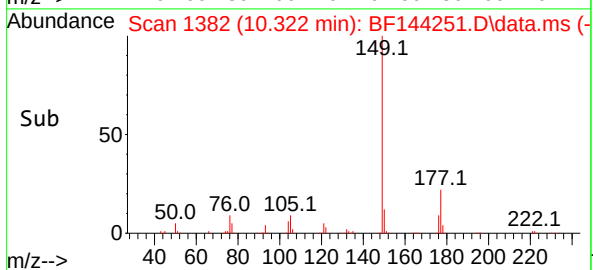
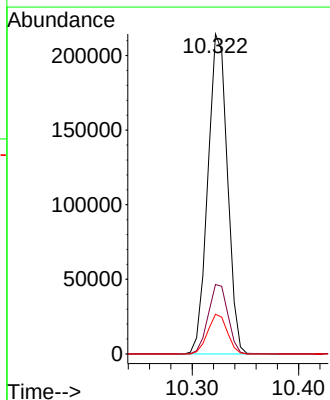
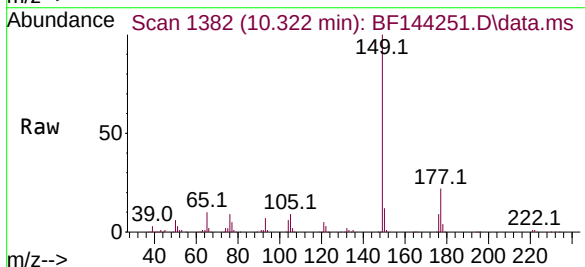
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

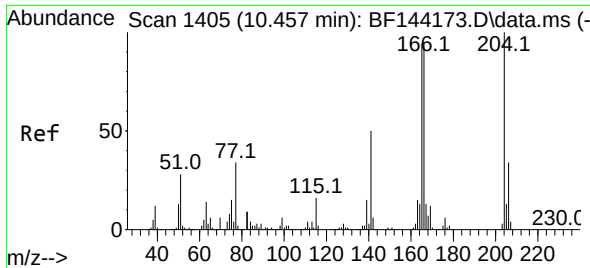
Tgt Ion:232 Resp: 74446
Ion Ratio Lower Upper
232 100
131 41.4 30.3 45.5
130 1.4 1.2 1.8
166 27.2 21.5 32.3



#60
Diethylphthalate
Concen: 40.454 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:149 Resp: 273161
Ion Ratio Lower Upper
149 100
177 21.7 18.3 27.5
150 12.4 9.8 14.6

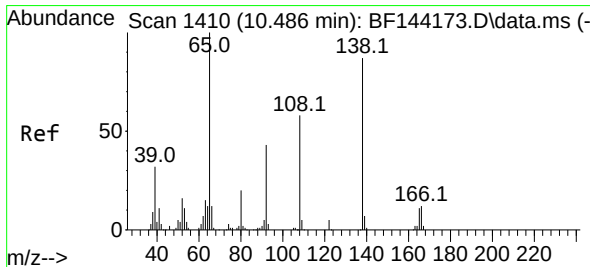
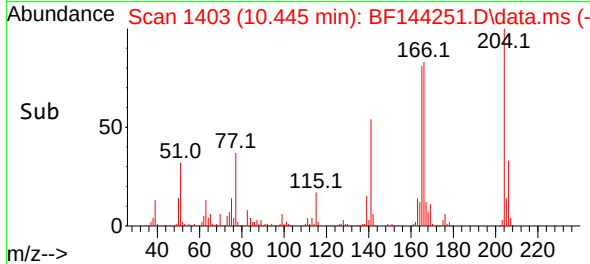
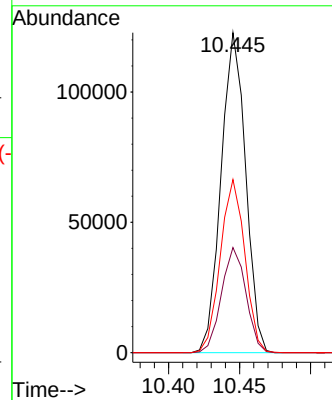
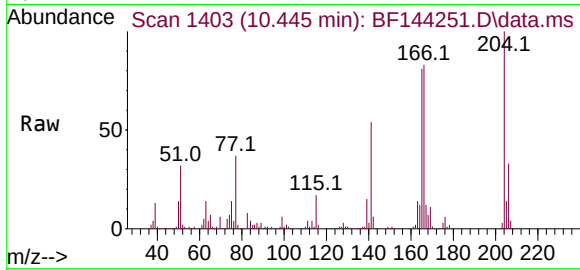




#61
4-Chlorophenyl-phenylether
Concen: 40.651 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

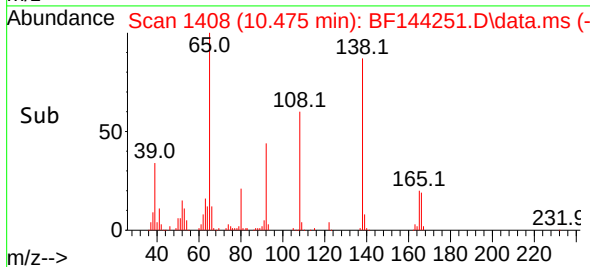
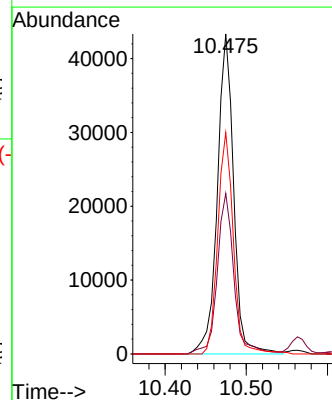
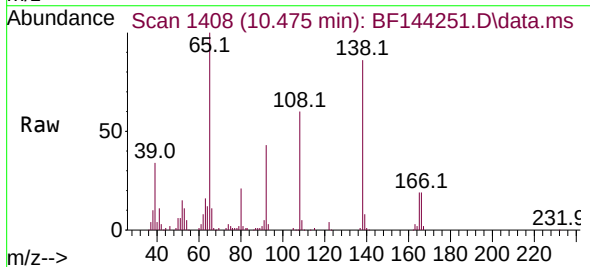
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

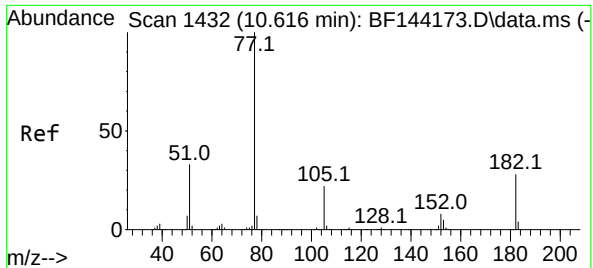
Tgt Ion:204 Resp: 147928
Ion Ratio Lower Upper
204 100
206 32.8 27.4 41.2
141 54.1 40.0 60.0



#62
4-Nitroaniline
Concen: 39.218 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:138 Resp: 60539
Ion Ratio Lower Upper
138 100
92 50.1 29.4 69.4
108 69.1 46.4 86.4

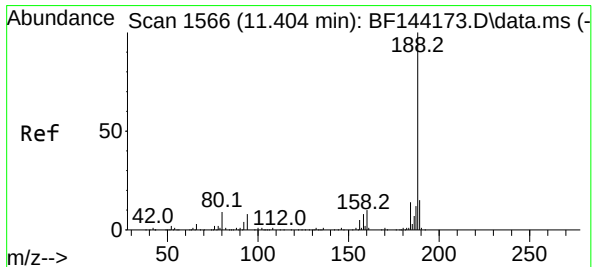
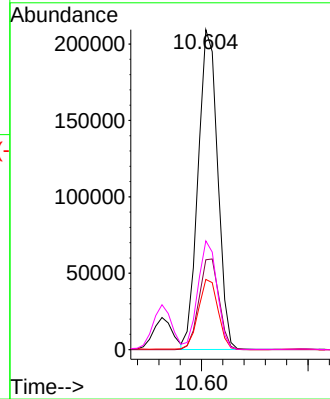
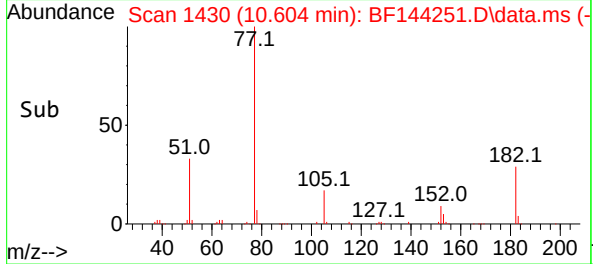
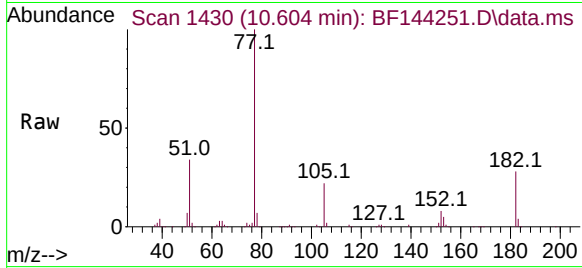




#63
Azobenzene
Concen: 42.254 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

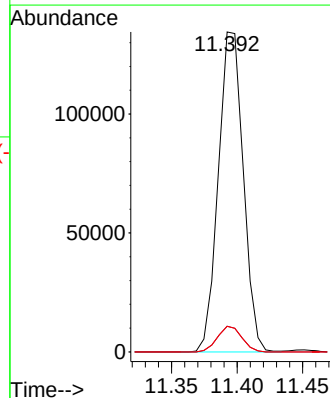
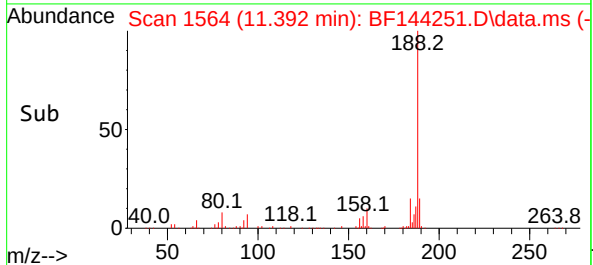
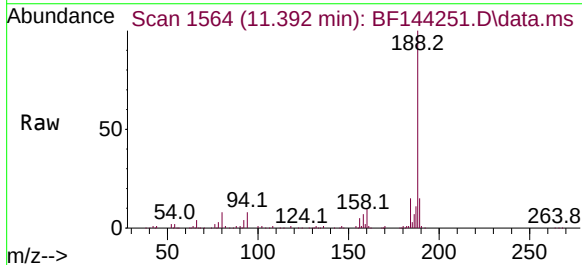
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

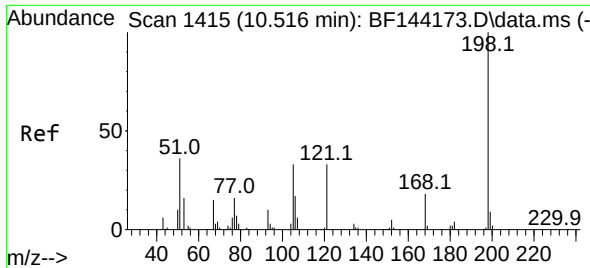
Tgt Ion: 77	Resp: 265535
Ion Ratio	Lower Upper
77 100	
182 28.1	8.1 48.1
105 21.9	2.0 42.0
51 34.0	13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:188	Resp: 178635
Ion Ratio	Lower Upper
188 100	
94 8.0	6.2 9.2
80 8.0	6.9 10.3

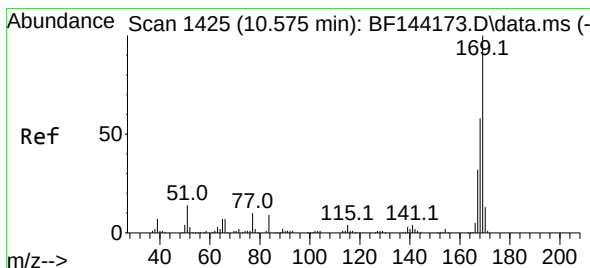
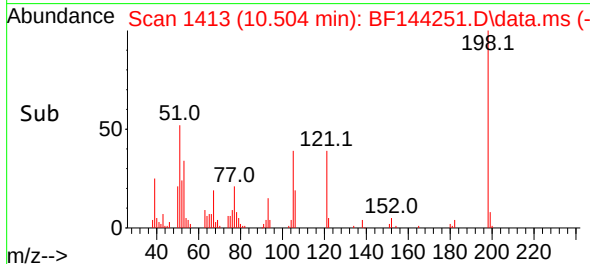
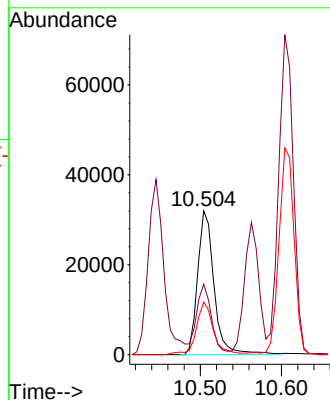
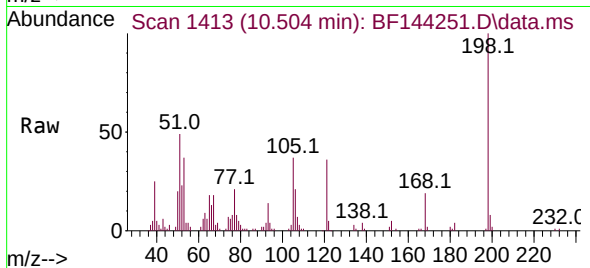




#65
4,6-Dinitro-2-methylphenol
Concen: 37.133 ng
RT: 10.504 min Scan# 1415
Delta R.T. -0.017 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

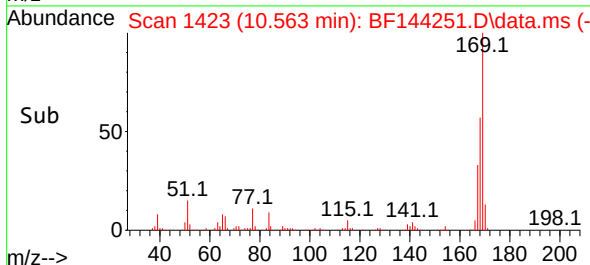
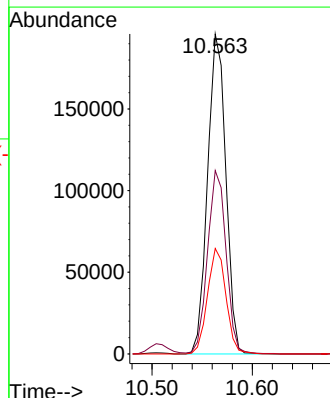
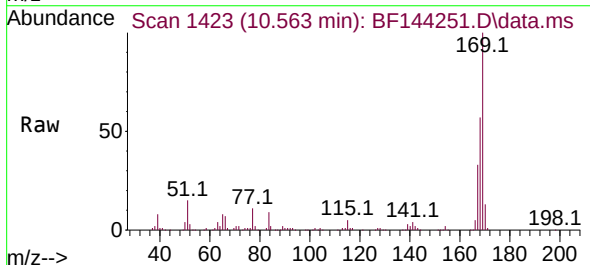
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

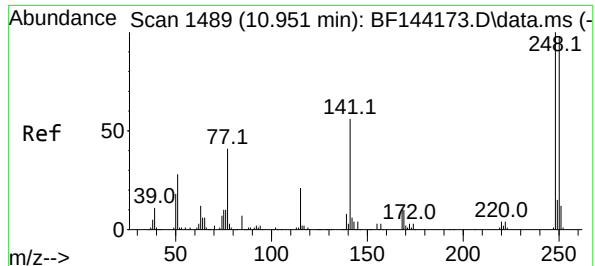
Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.0	25.6	65.6
105	36.5	14.6	54.6



#66
n-Nitrosodiphenylamine
Concen: 42.961 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.3	46.2	69.2
167	32.9	25.7	38.5

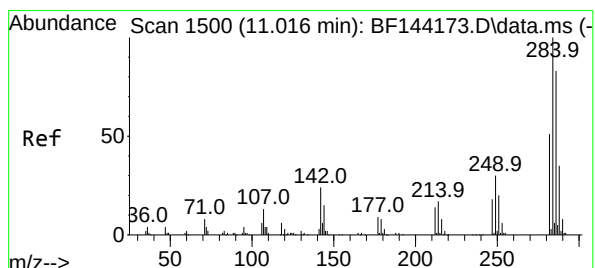
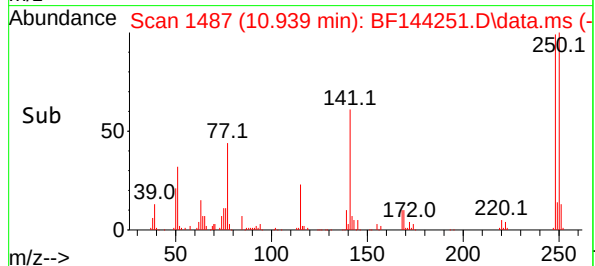
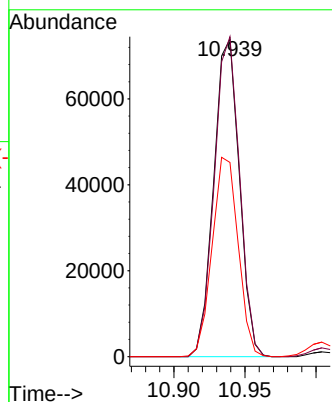
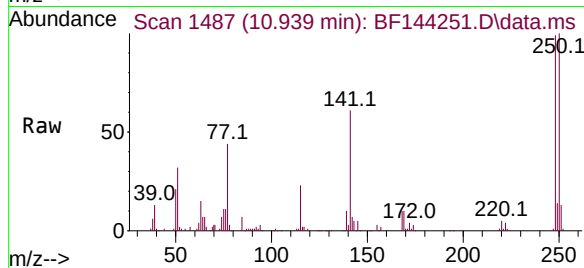




#67
4-Bromophenyl-phenylether
Concen: 40.752 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

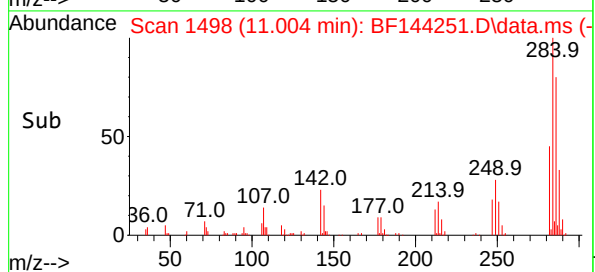
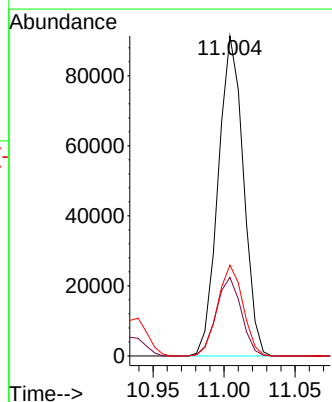
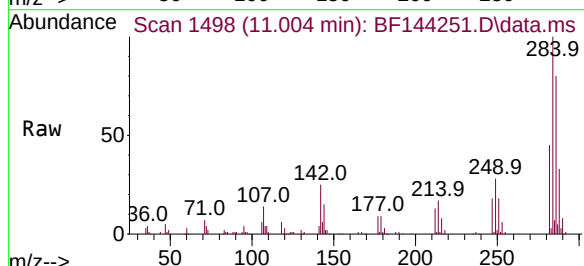
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

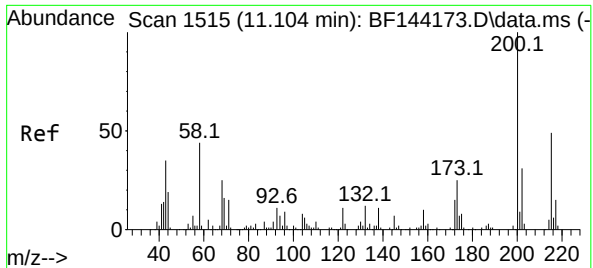
Tgt Ion:248 Resp: 92919
Ion Ratio Lower Upper
248 100
250 100.8 78.4 117.6
141 61.1 45.1 67.7



#68
Hexachlorobenzene
Concen: 42.014 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:284 Resp: 112836
Ion Ratio Lower Upper
284 100
142 24.5 19.2 28.8
249 28.4 23.8 35.8





#69

Atrazine

Concen: 37.738 ng

RT: 11.092 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

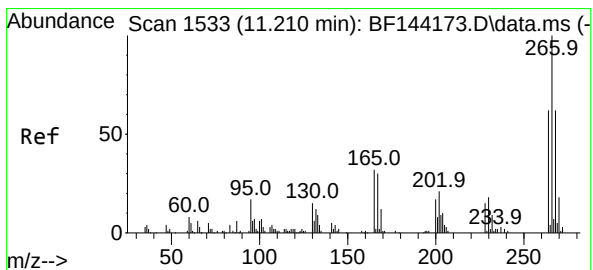
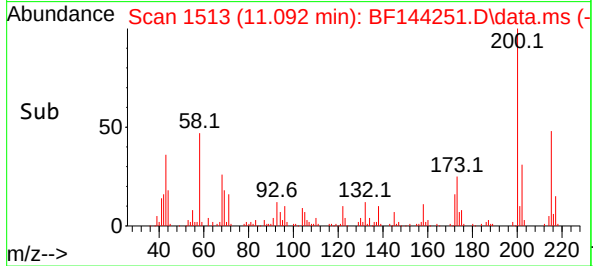
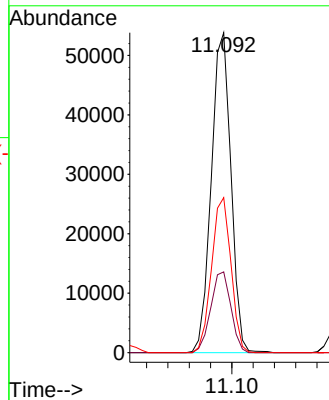
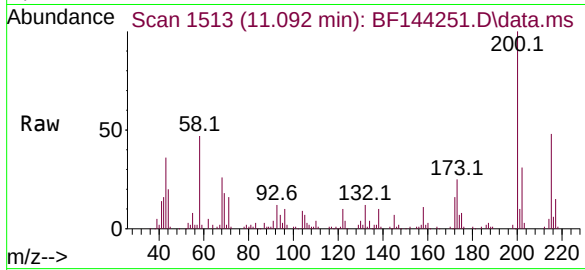
Tgt Ion:200 Resp: 68954

Ion Ratio Lower Upper

200 100

173 25.2 5.0 45.0

215 48.4 28.7 68.7



#70

Pentachlorophenol

Concen: 36.155 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

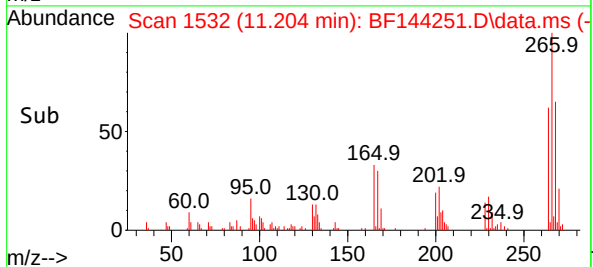
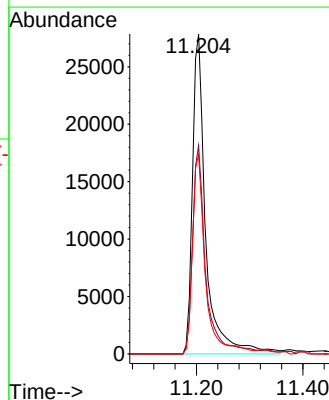
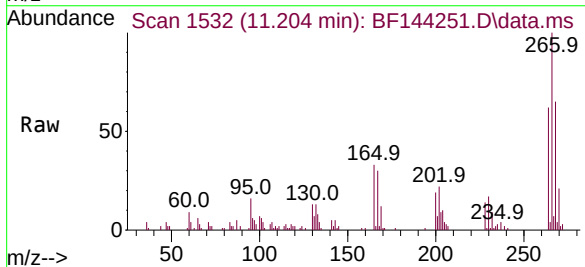
Tgt Ion:266 Resp: 48352

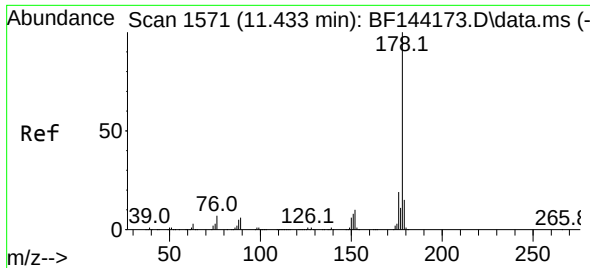
Ion Ratio Lower Upper

266 100

268 65.1 49.5 74.3

264 62.3 49.4 74.2

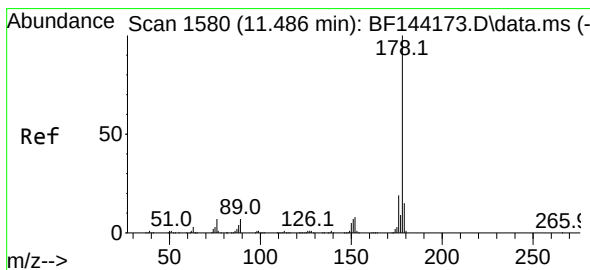
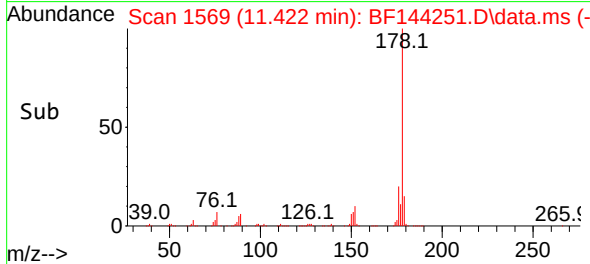
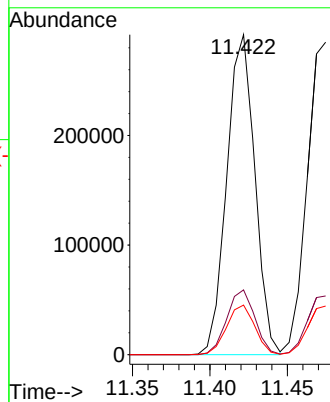
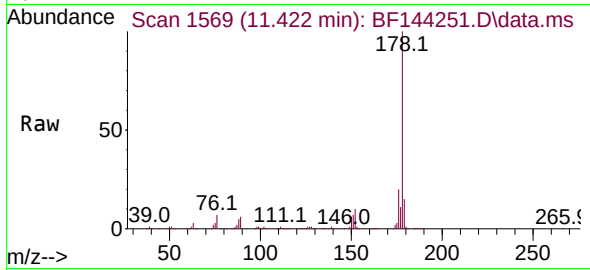




#71
Phenanthrene
Concen: 41.407 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

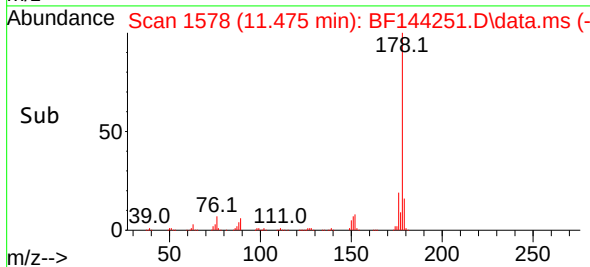
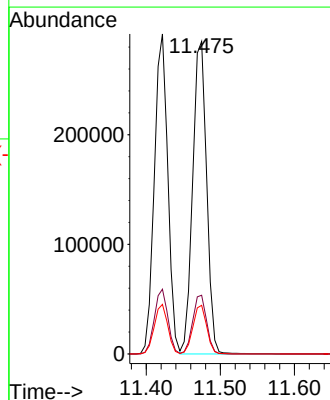
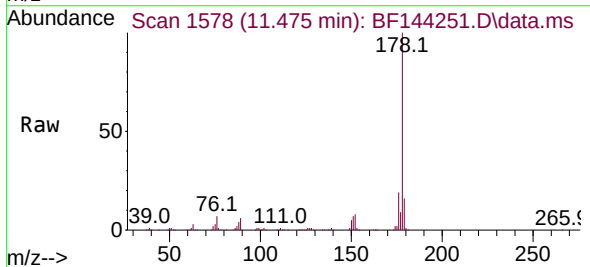
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

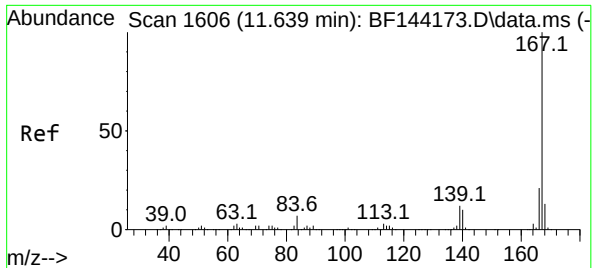
Tgt Ion:178 Resp: 368277
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 15.5 12.2 18.4



#72
Anthracene
Concen: 41.200 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:178 Resp: 372602
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.5 12.0 18.0

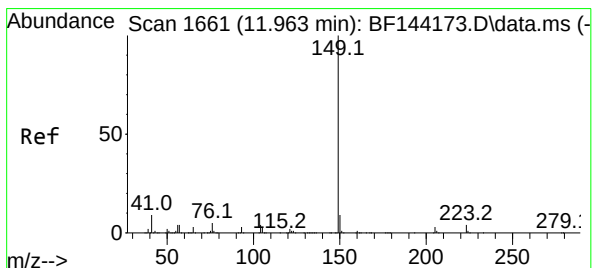
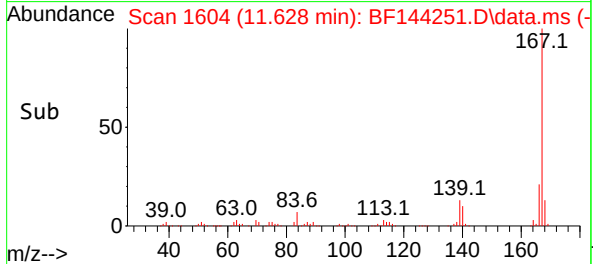
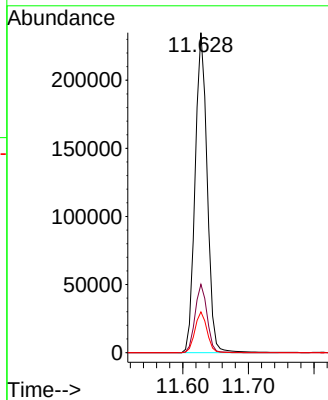
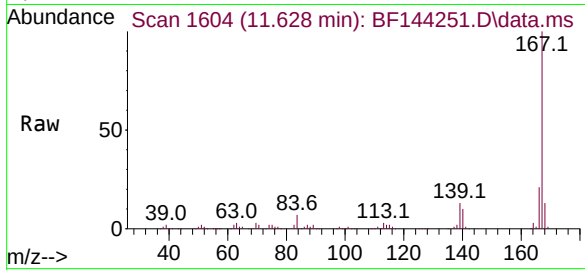




#73
Carbazole
Concen: 38.838 ng
RT: 11.628 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

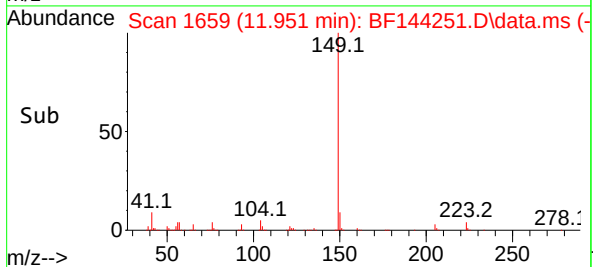
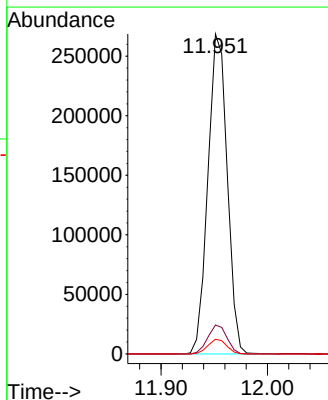
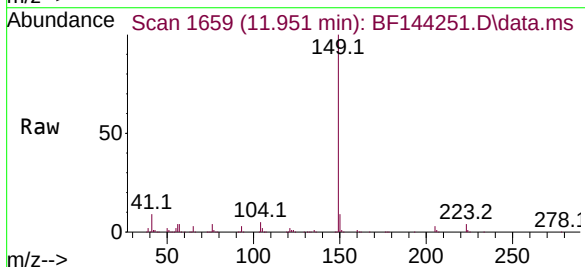
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

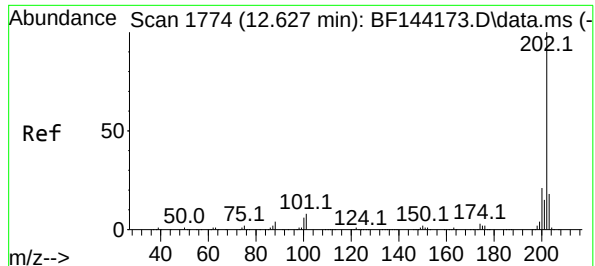
Tgt Ion:167 Resp: 298669
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 12.8 9.9 14.9



#74
Di-n-butylphthalate
Concen: 36.399 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:149 Resp: 338388
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.6 3.4 5.2

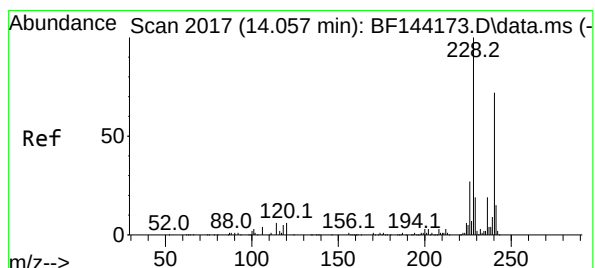
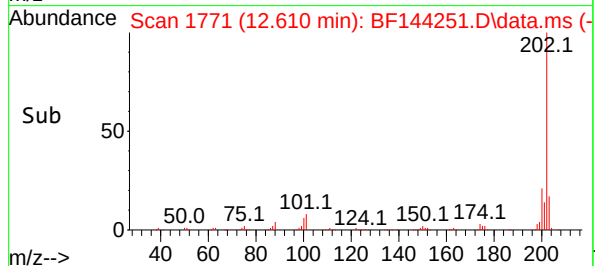
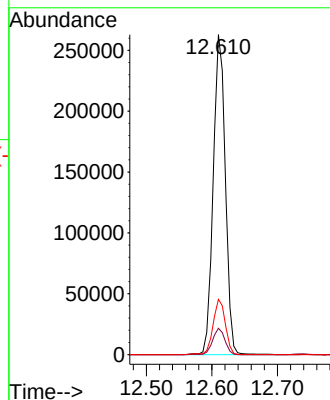
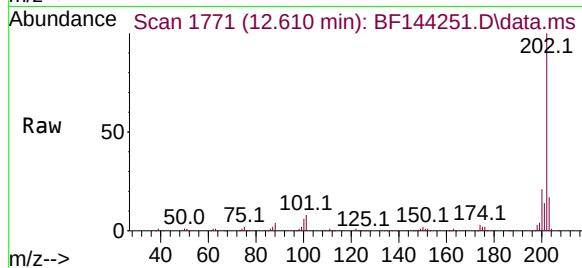




#75
Fluoranthene
Concen: 36.791 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

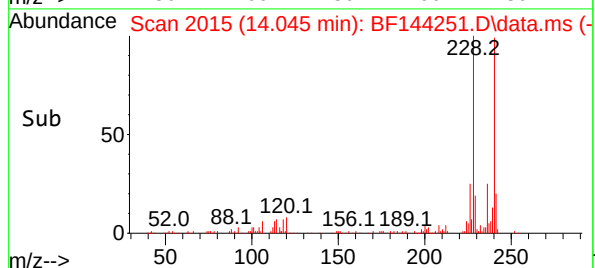
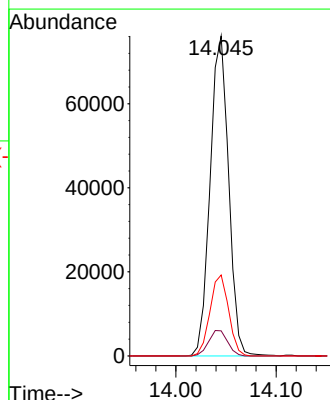
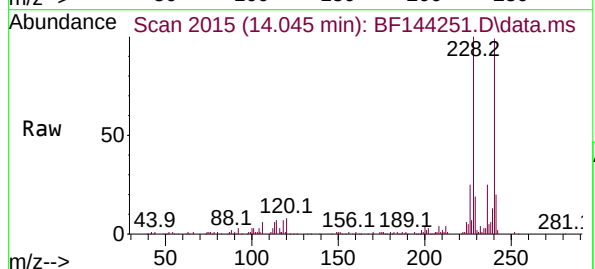
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

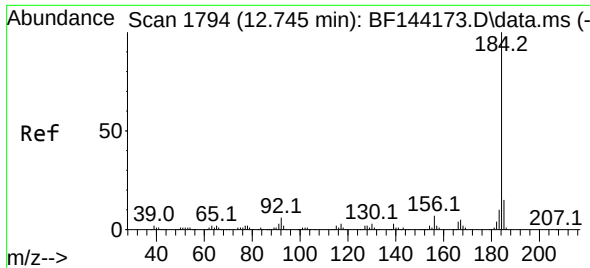
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.9
203	17.3	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.6	10.0
236	25.3	21.4	32.2





#77

Benzidine

Concen: 44.427 ng

RT: 12.733 min Scan# 1792

Delta R.T. -0.017 min

Lab File: BF144251.D

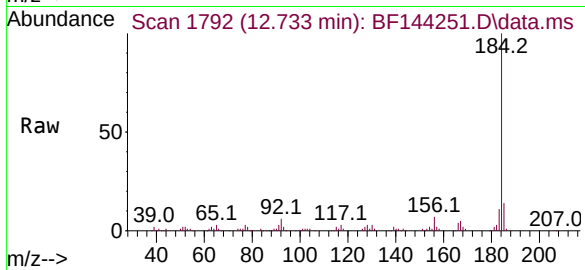
Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



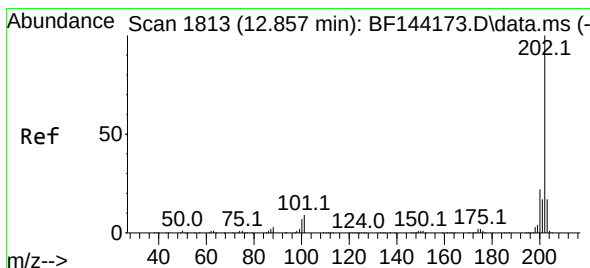
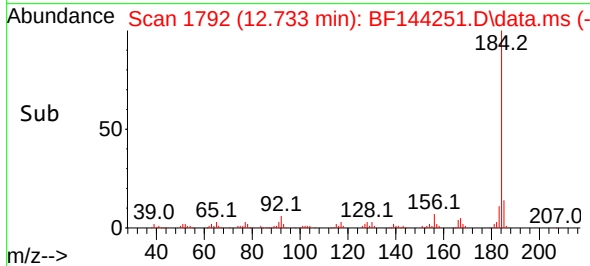
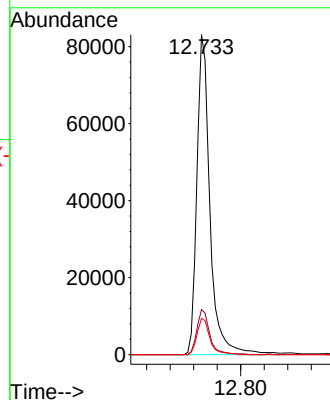
Tgt Ion:184 Resp: 128124

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 11.3 8.3 12.5



#78

Pyrene

Concen: 42.742 ng

RT: 12.839 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

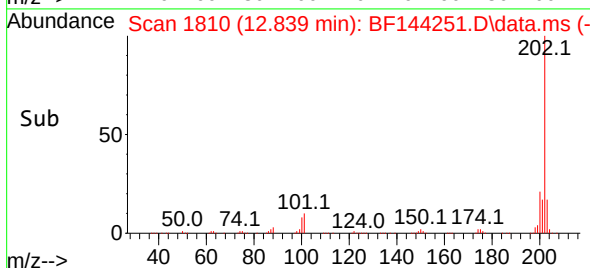
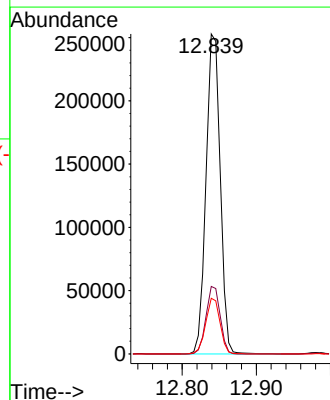
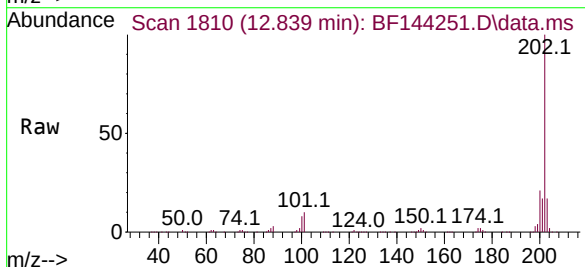
Tgt Ion:202 Resp: 335999

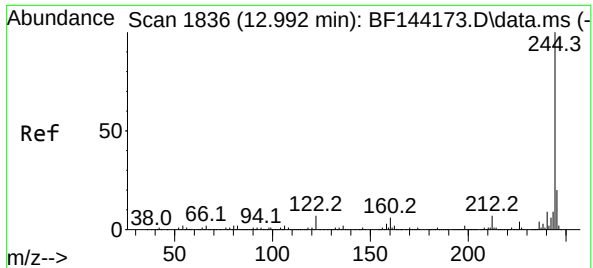
Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 17.4 13.7 20.5





#79

Terphenyl-d14

Concen: 81.649 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF144251.D

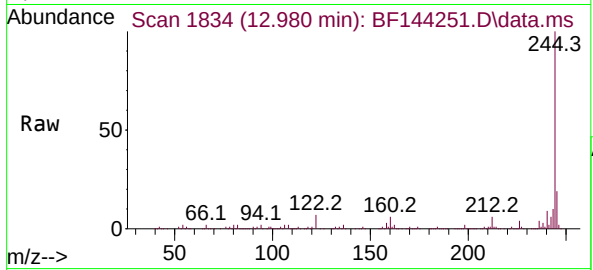
Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



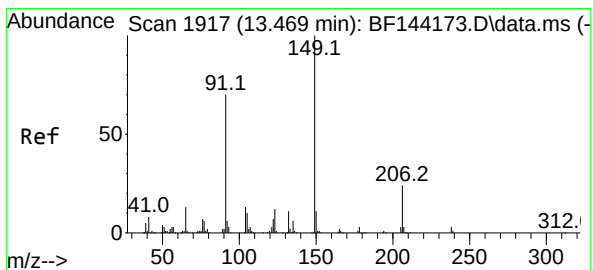
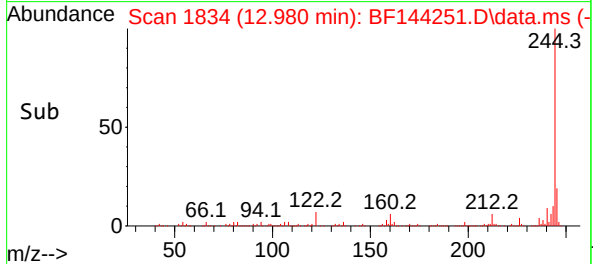
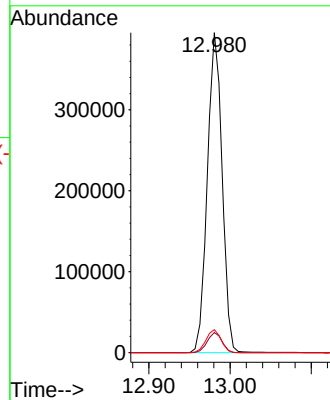
Tgt Ion:244 Resp: 501168

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 7.2 5.6 8.4



#80

Butylbenzylphthalate

Concen: 37.547 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

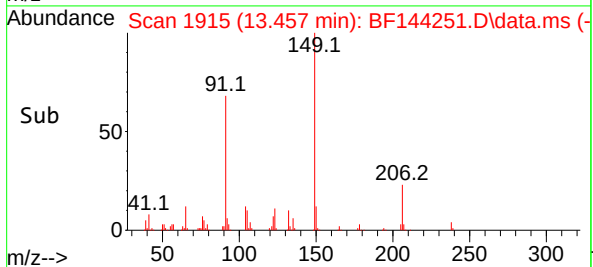
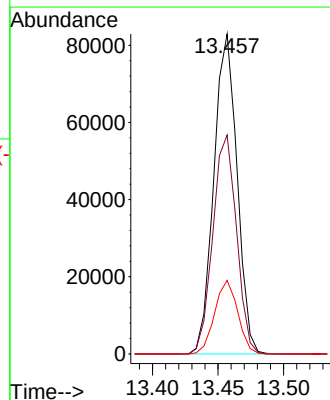
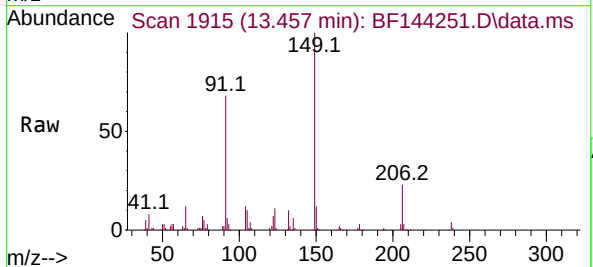
Tgt Ion:149 Resp: 102300

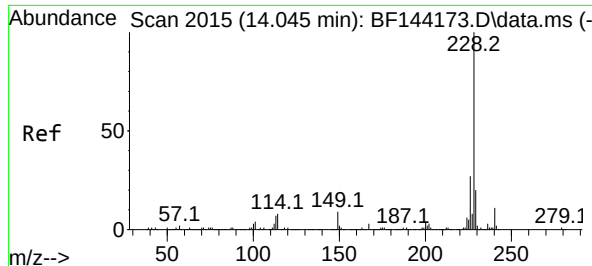
Ion Ratio Lower Upper

149 100

91 68.4 56.1 84.1

206 23.0 18.8 28.2

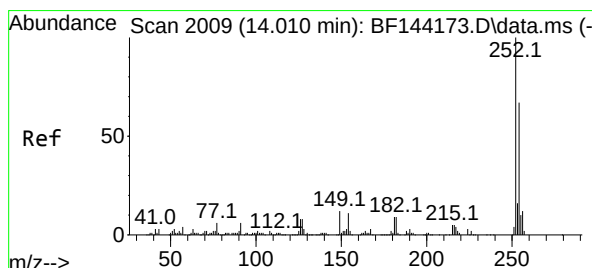
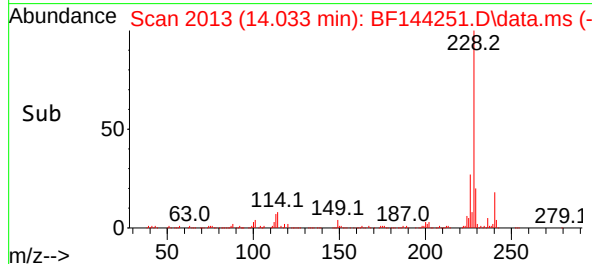
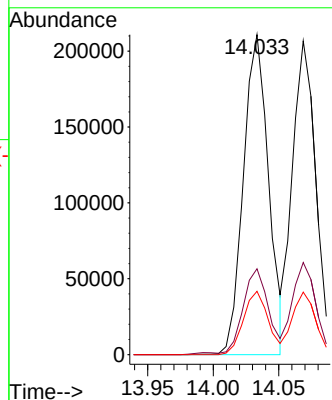
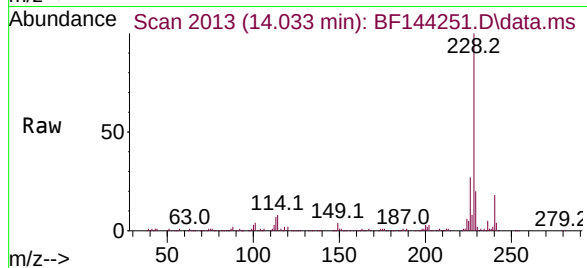




#81
Benzo(a)anthracene
Concen: 41.805 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

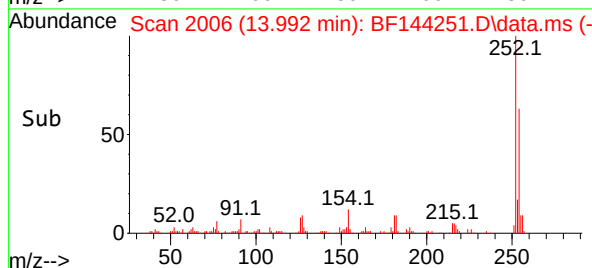
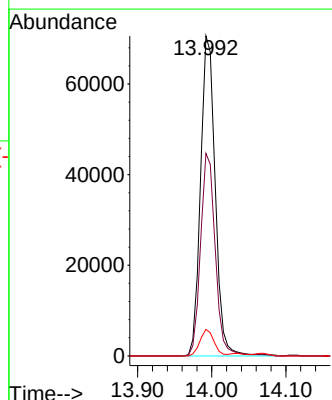
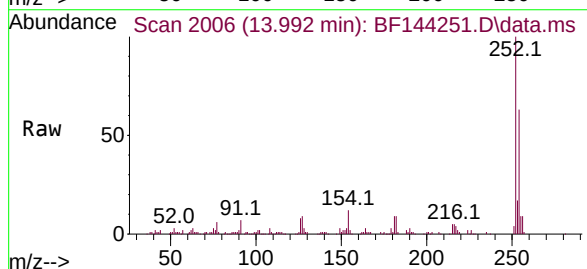
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

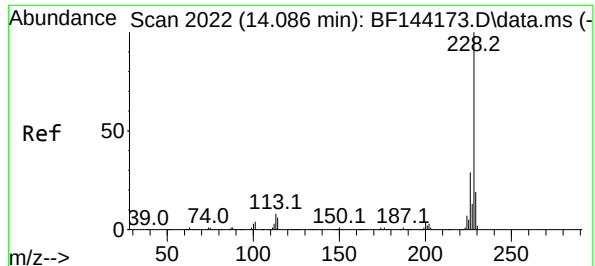
Tgt Ion:228 Resp: 282489
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 41.944 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.017 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:252 Resp: 97151
Ion Ratio Lower Upper
252 100
254 63.3 53.5 80.3
126 8.3 6.4 9.6





#83

Chrysene

Concen: 41.510 ng

RT: 14.069 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

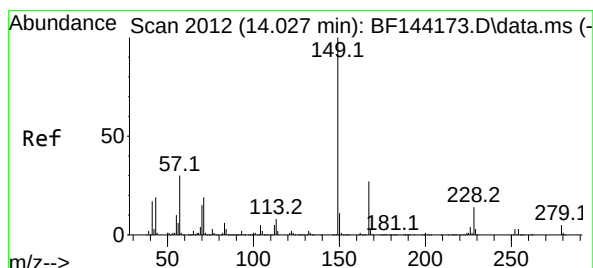
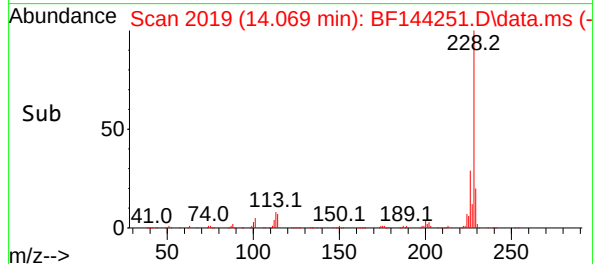
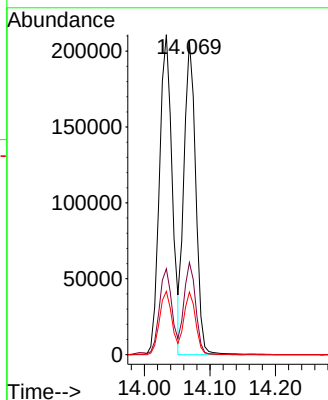
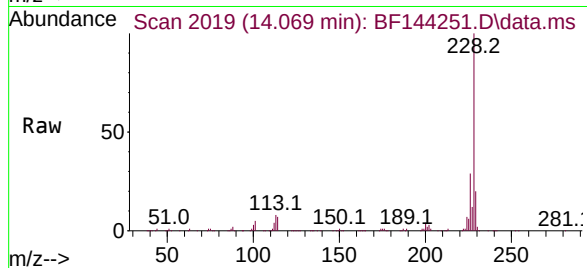
Tgt Ion:228 Resp: 258932

Ion Ratio Lower Upper

228 100

226 29.4 22.9 34.3

229 19.9 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.586 ng

RT: 14.016 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

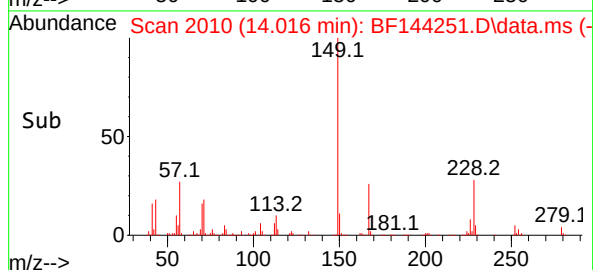
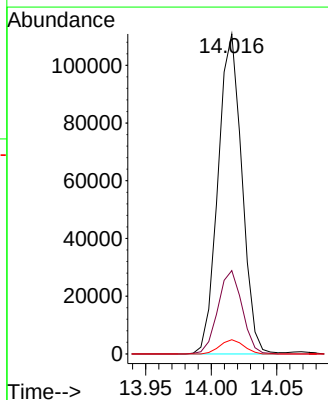
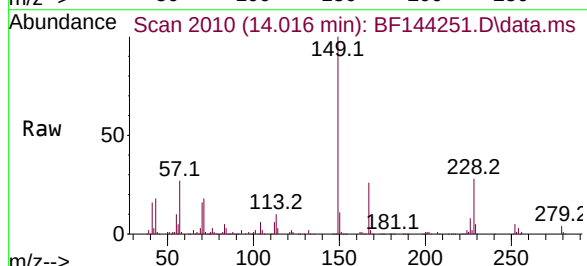
Tgt Ion:149 Resp: 140188

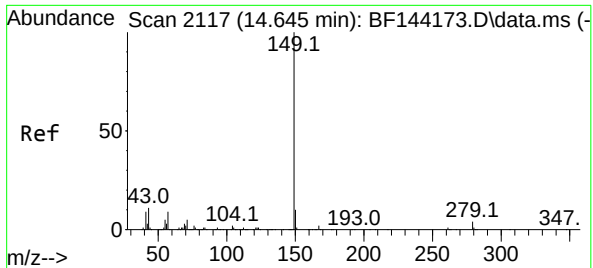
Ion Ratio Lower Upper

149 100

167 26.0 21.8 32.8

279 4.4 3.7 5.5

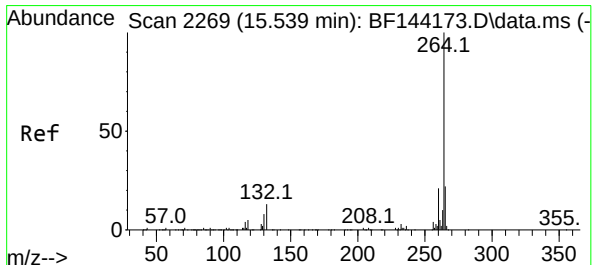
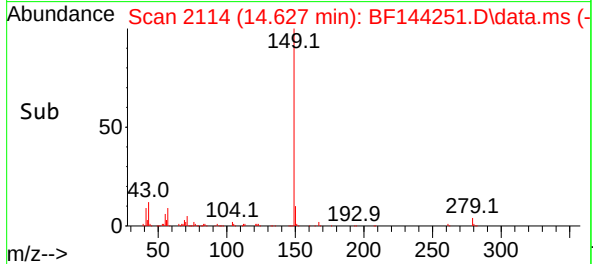
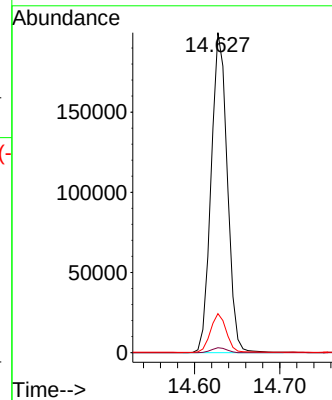
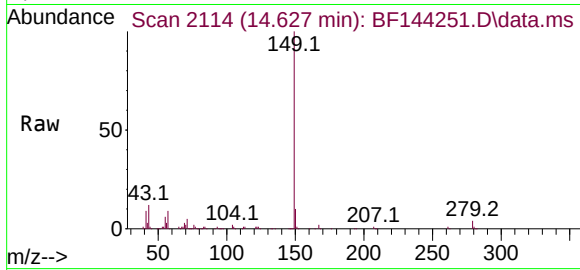




#85
Di-n-octyl phthalate
Concen: 40.879 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.017 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

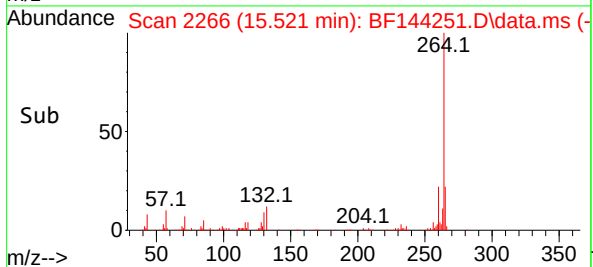
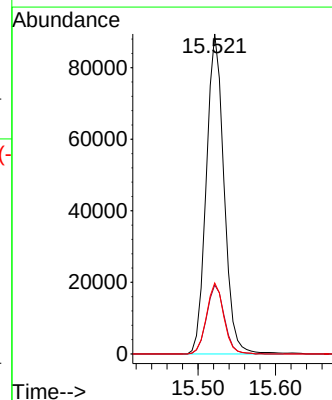
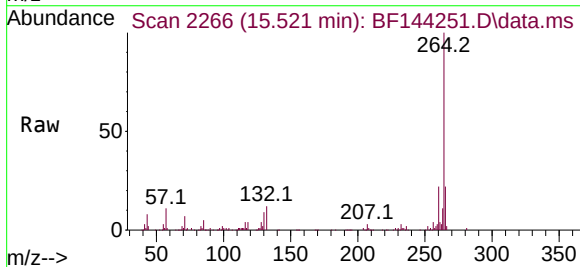
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

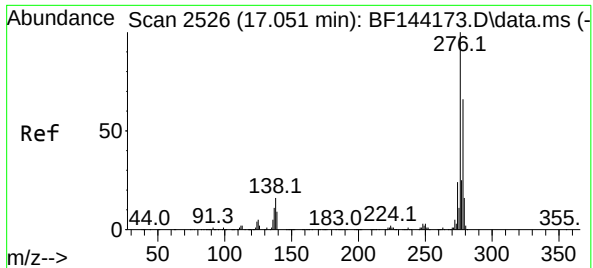
Tgt Ion:149 Resp: 263062
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.8 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:264 Resp: 141608
Ion Ratio Lower Upper
264 100
260 21.5 17.1 25.7
265 22.2 17.4 26.0

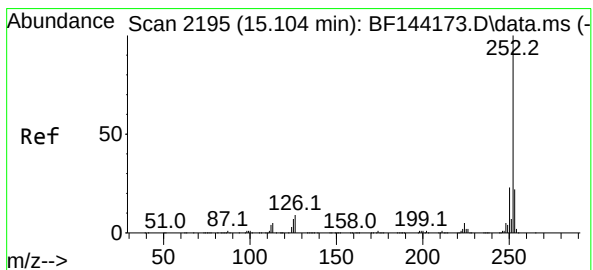
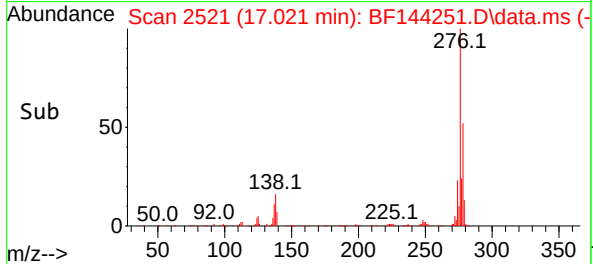
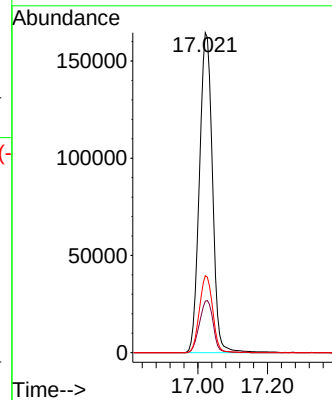
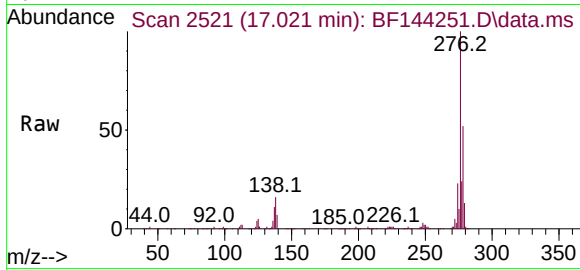




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.017 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

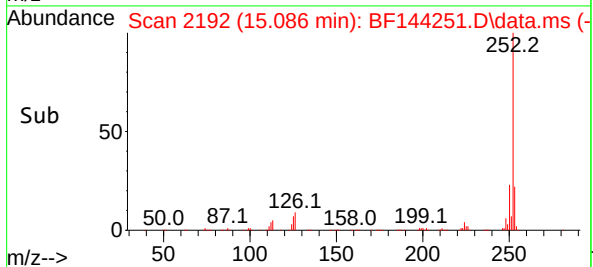
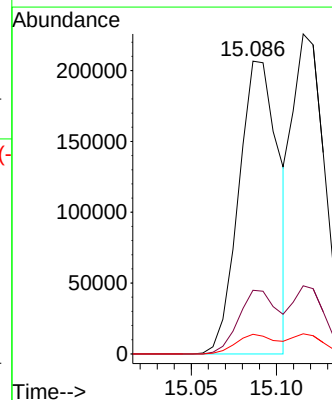
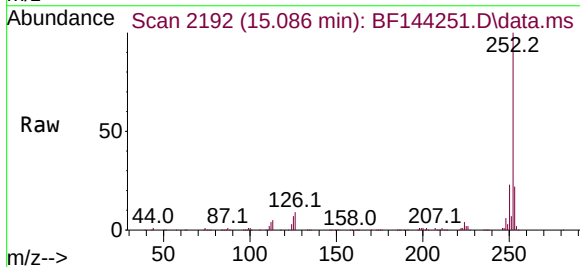
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

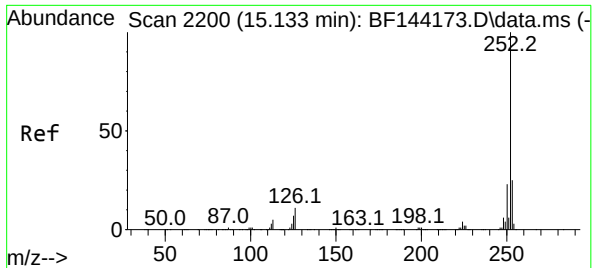
Tgt Ion:276 Resp: 427107
Ion Ratio Lower Upper
276 100
138 17.1 13.9 20.9
277 24.4 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 41.779 ng
RT: 15.086 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF144251.D
Acq: 13 Nov 2025 18:53

Tgt Ion:252 Resp: 336347
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 6.7 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 40.100 ng

RT: 15.116 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

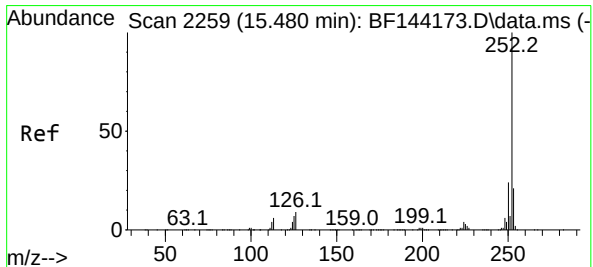
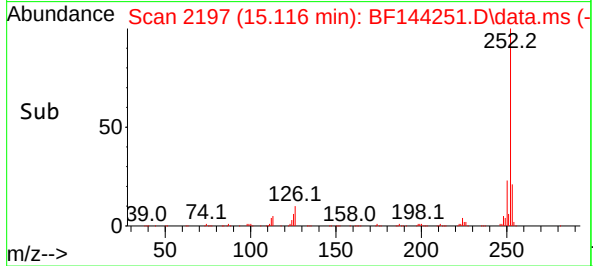
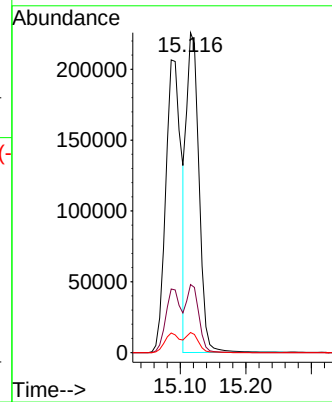
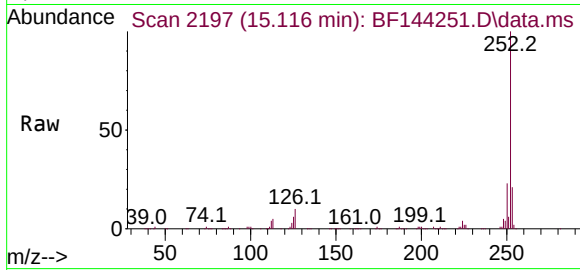
Tgt Ion:252 Resp: 302173

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

125 6.3 5.4 8.2



#90

Benzo(a)pyrene

Concen: 41.179 ng

RT: 15.463 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

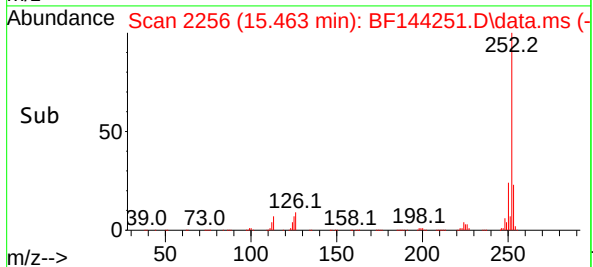
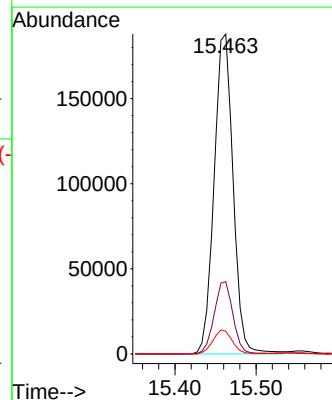
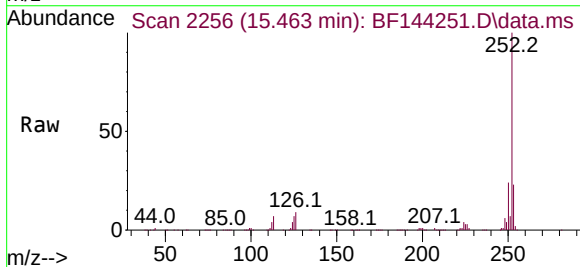
Tgt Ion:252 Resp: 305844

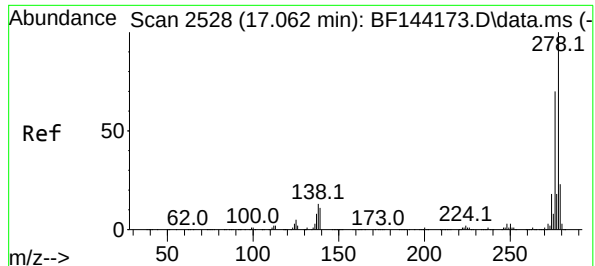
Ion Ratio Lower Upper

252 100

253 22.6 16.7 25.1

125 7.1 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 41.820 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

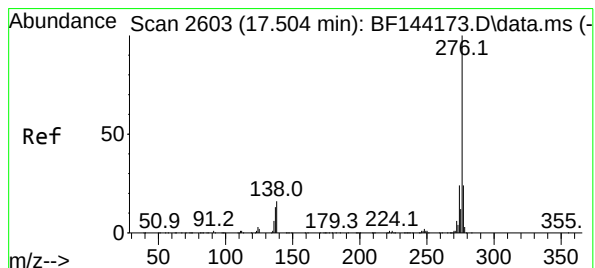
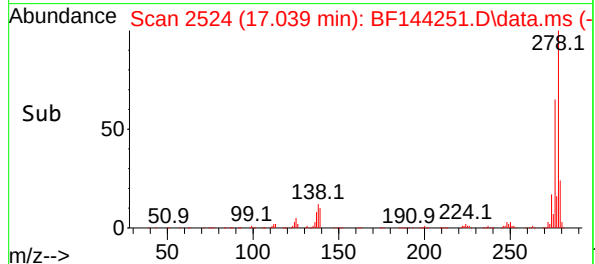
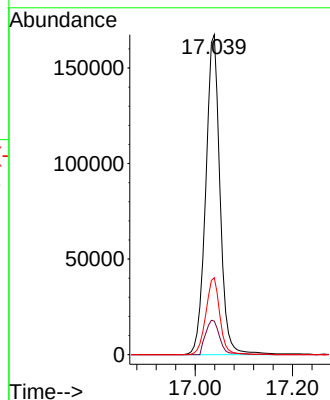
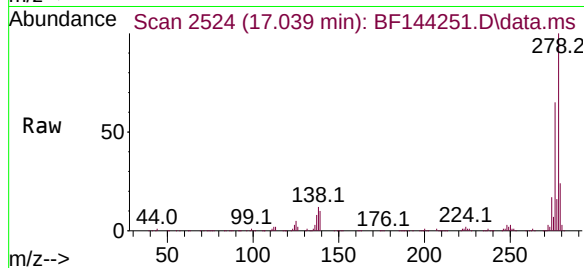
Tgt Ion:278 Resp: 341405

Ion Ratio Lower Upper

278 100

139 10.5 9.1 13.7

279 24.0 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 41.720 ng

RT: 17.474 min Scan# 2598

Delta R.T. -0.018 min

Lab File: BF144251.D

Acq: 13 Nov 2025 18:53

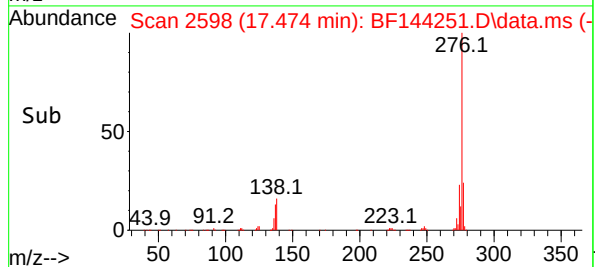
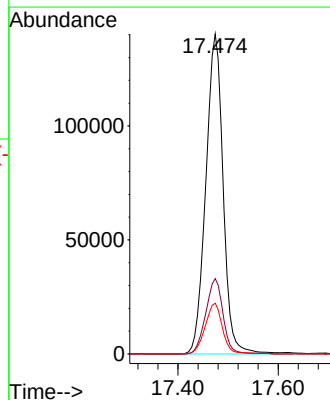
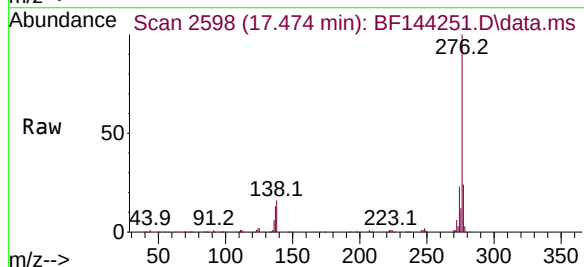
Tgt Ion:276 Resp: 336335

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 15.8 12.9 19.3





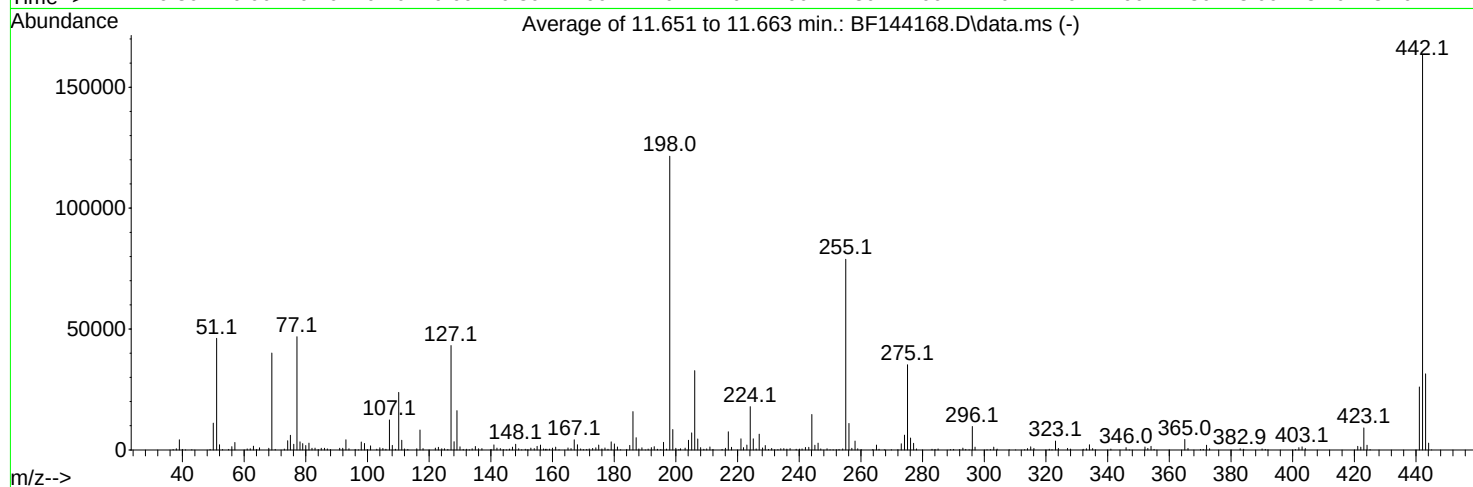
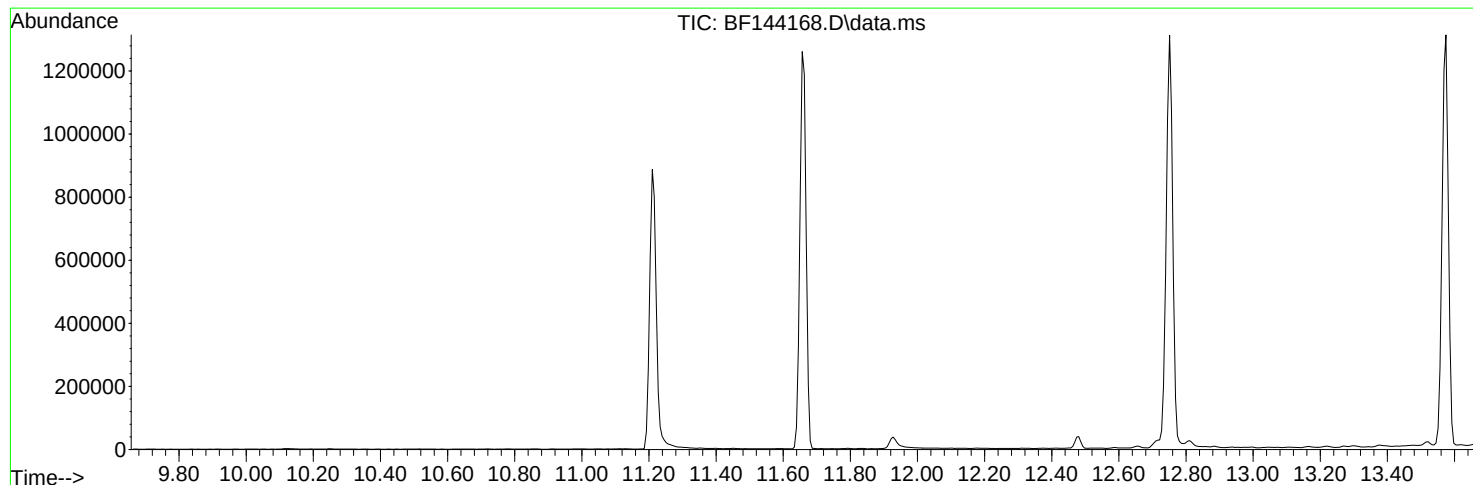
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

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



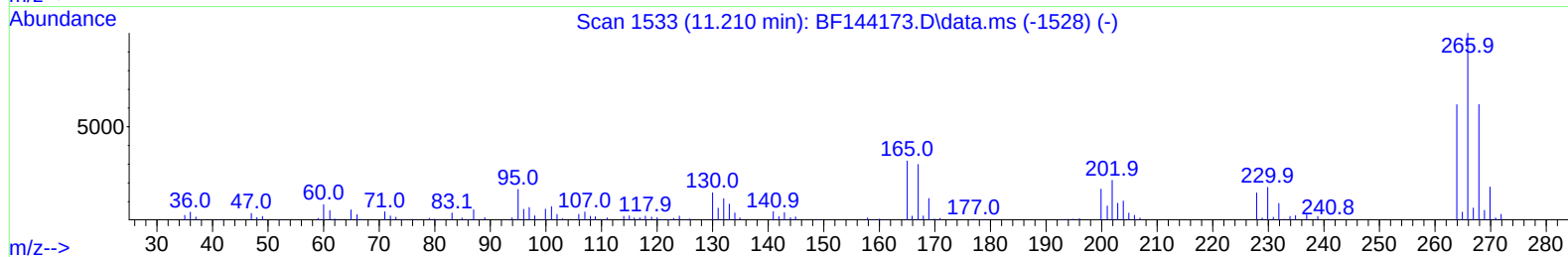
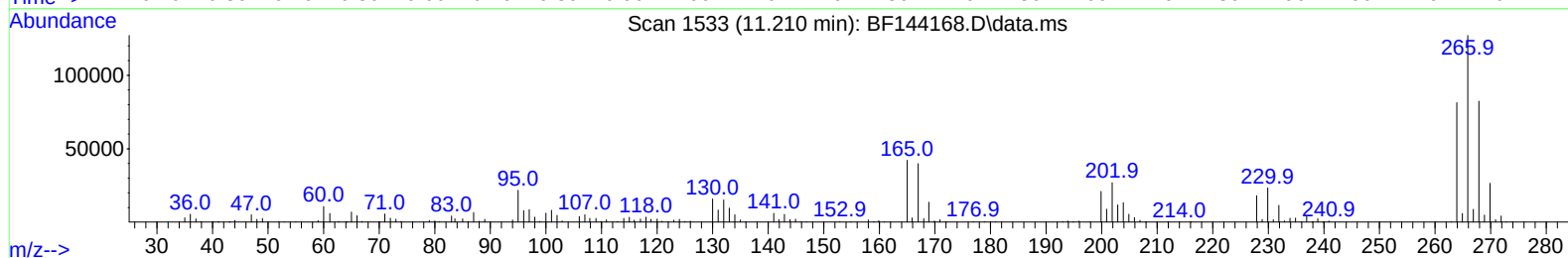
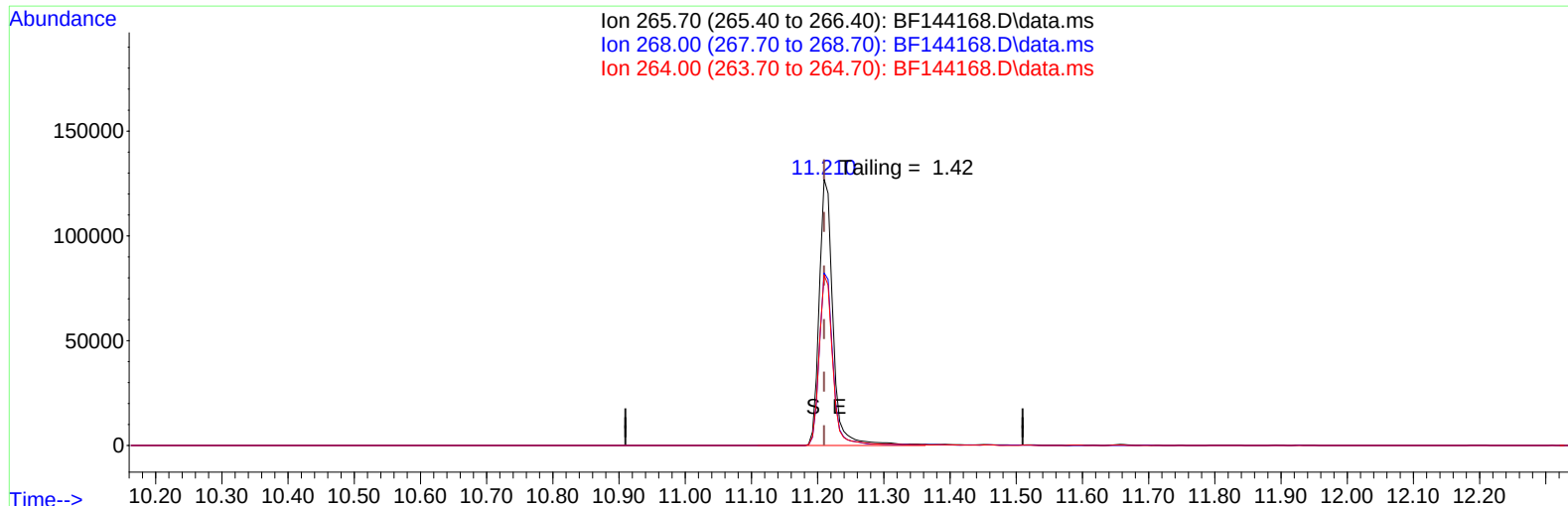
AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.8	709	PASS
69	69	100	100	100.0	40048	PASS
70	69	0.00	2	0.6	222	PASS
197	198	0.00	2	0.3	378	PASS
198	198	100	100	100.0	121493	PASS
199	198	5	9	6.9	8441	PASS
365	198	1	100	3.6	4315	PASS
441	443	0.01	150	82.6	26027	PASS
442	442	100	100	100.0	163299	PASS
443	442	15	24	19.3	31501	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration



TIC: BF144168.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.000) 39632.00 ng

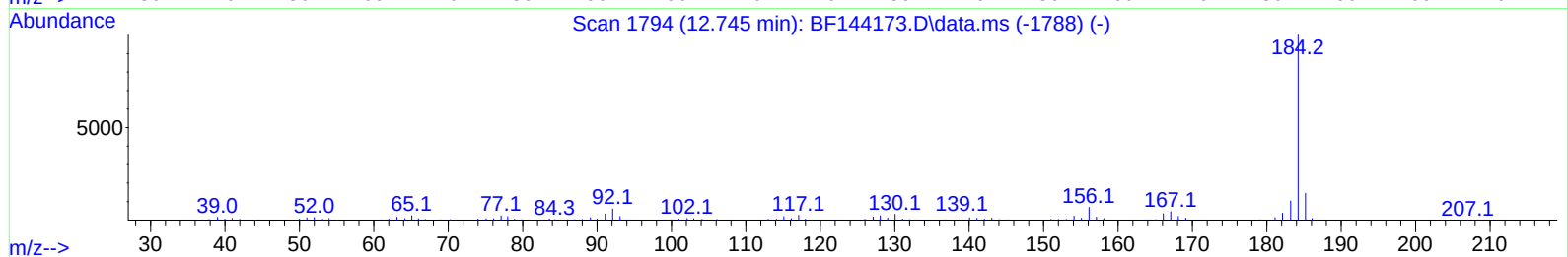
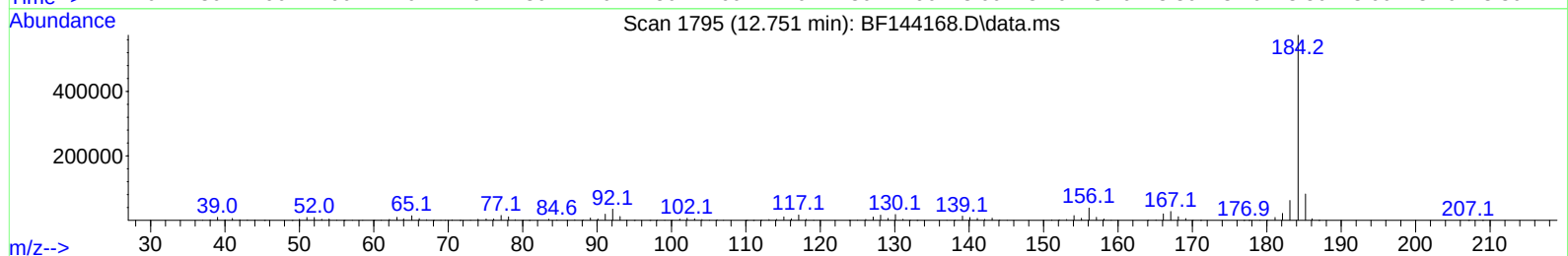
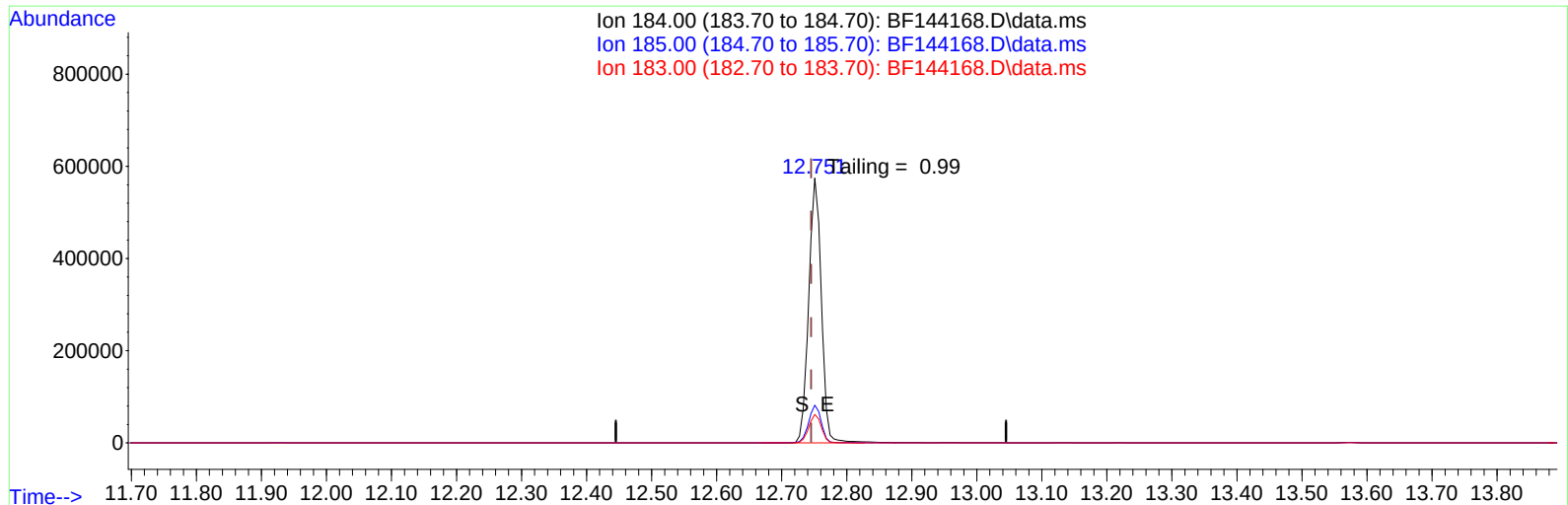
response 182948

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	64.79
264.00	61.80	64.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration



TIC: BF144168.D\data.ms

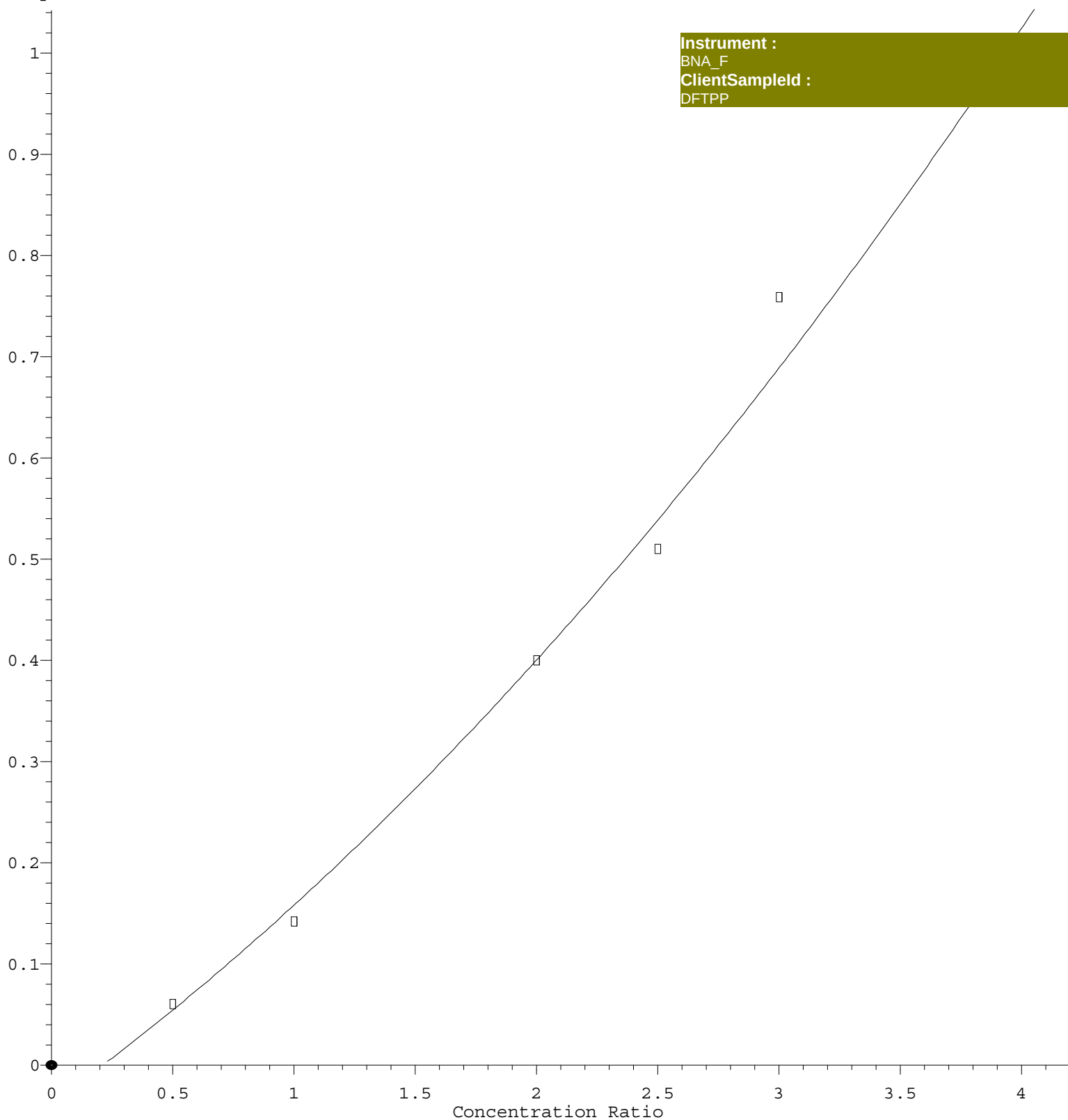
(77) Benzidine

12.751min (+ 0.006) 0.00 ng

response 777212

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.24
183.00	10.40	10.75
0.00	0.00	0.00

Response Ratio



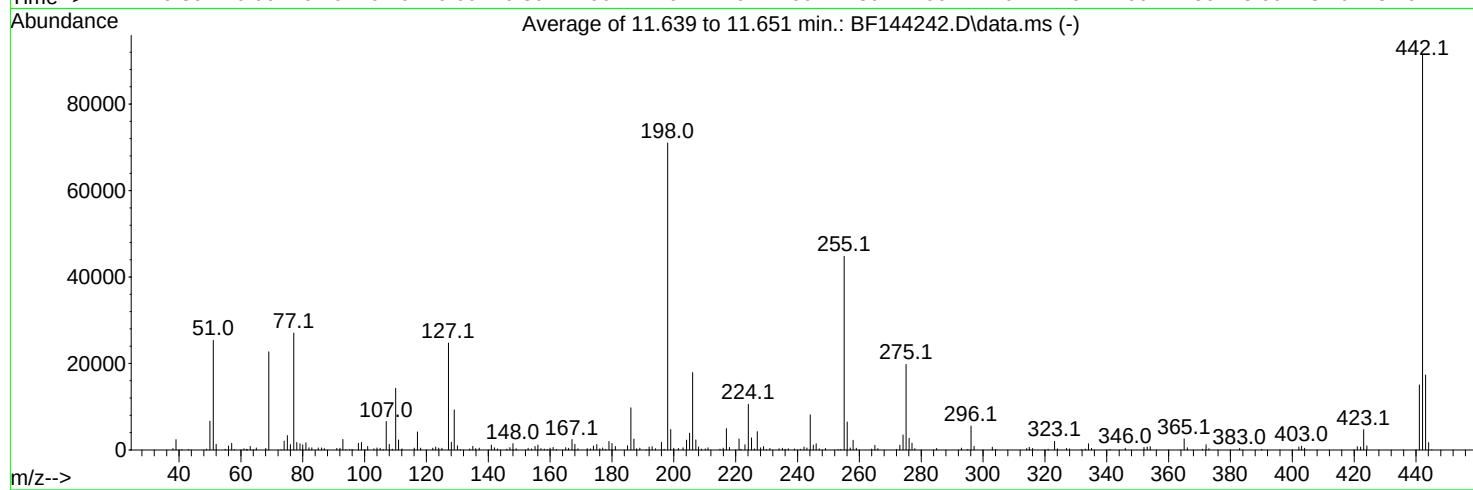
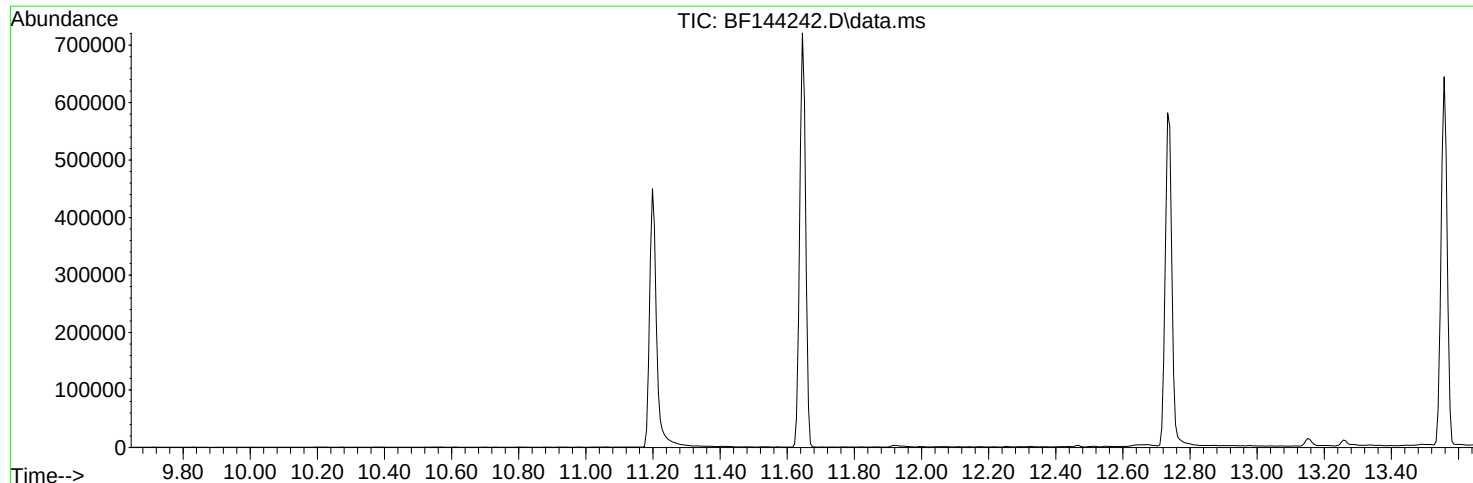
$R = 2.331e-002 A^2 + 1.722e-001 A - 3.751e-002$
Coef of Det (r^2) = 0.992660 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144242.D
Acq On : 13 Nov 2025 14:26
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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025



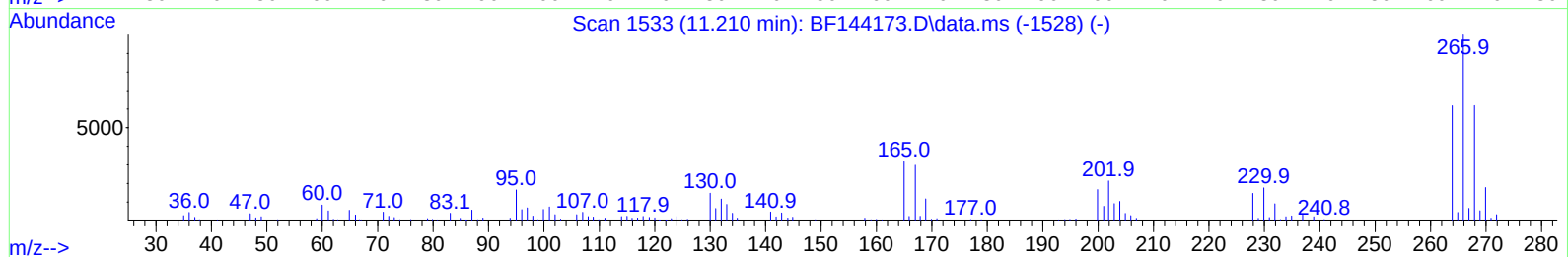
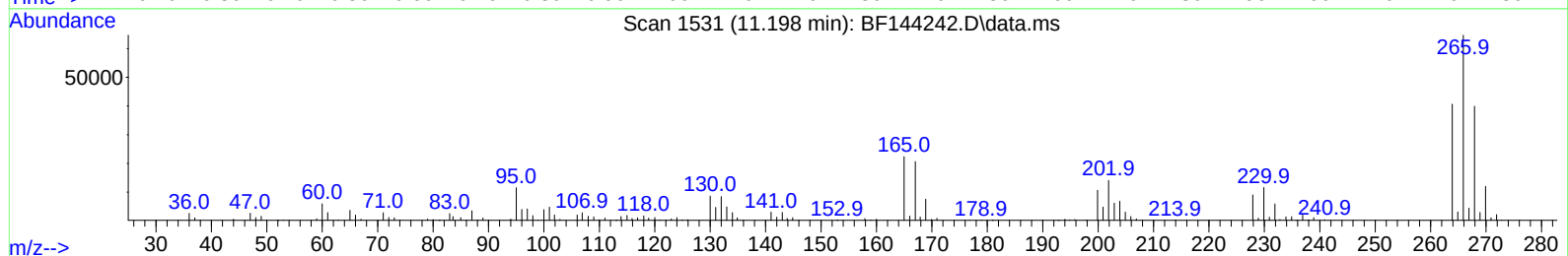
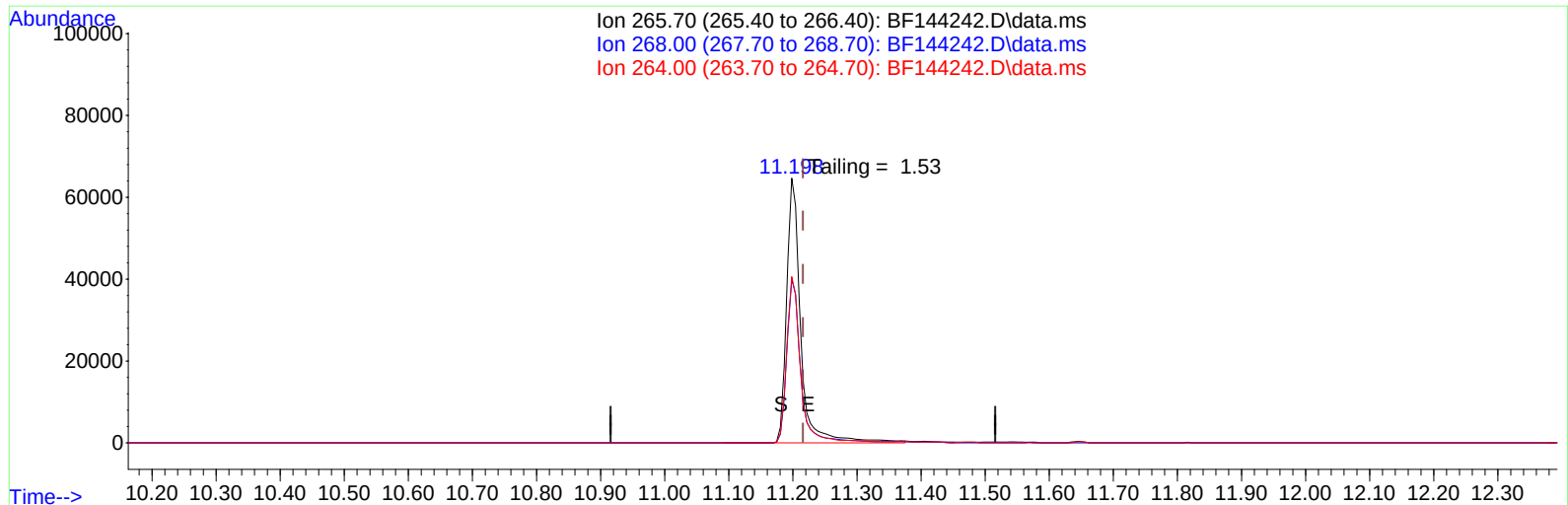
AutoFind: Scans 1606, 1607, 1608; Background Corrected with Scan 1600

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.5	342	PASS
69	69	100	100	100.0	22725	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.2	165	PASS
198	198	100	100	100.0	71013	PASS
199	198	5	9	6.7	4738	PASS
365	198	1	100	3.6	2591	PASS
441	443	0.01	150	86.9	15065	PASS
442	442	100	100	100.0	91344	PASS
443	442	15	24	19.0	17330	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144242.D
Acq On : 13 Nov 2025 14:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 13 15:07:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



TIC: BF144242.D\data.ms

(70) Pentachlorophenol (C)

11.198min (-0.017) 60191.23 ng

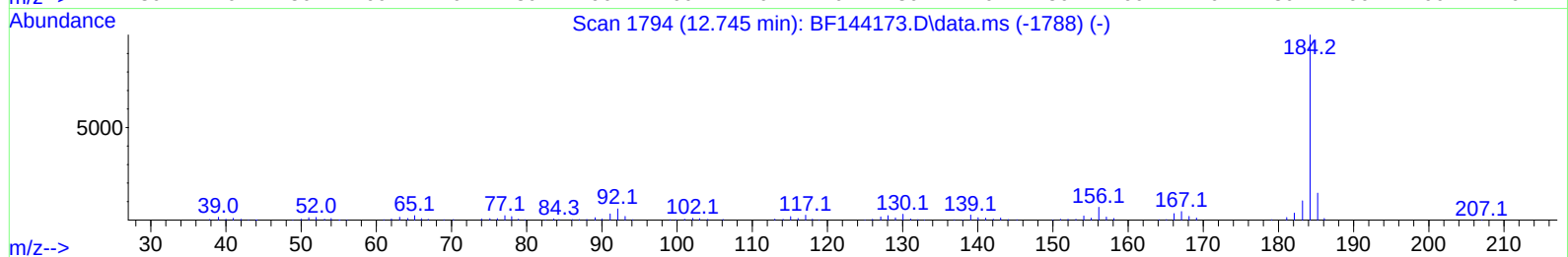
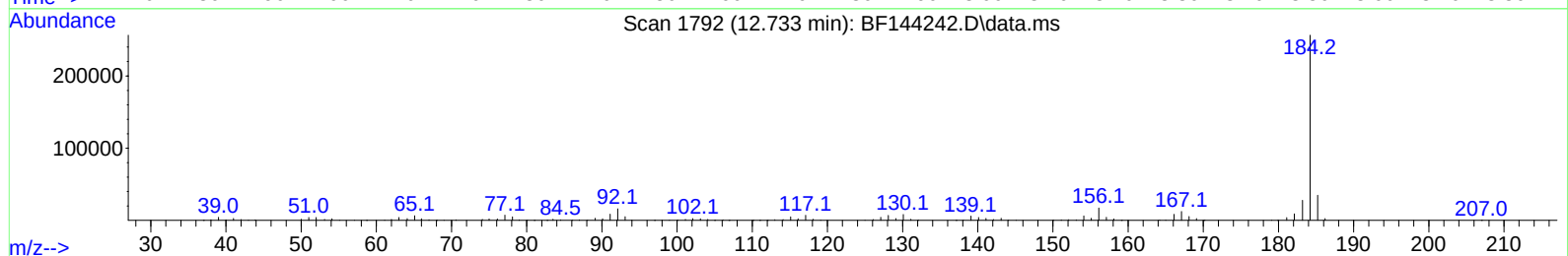
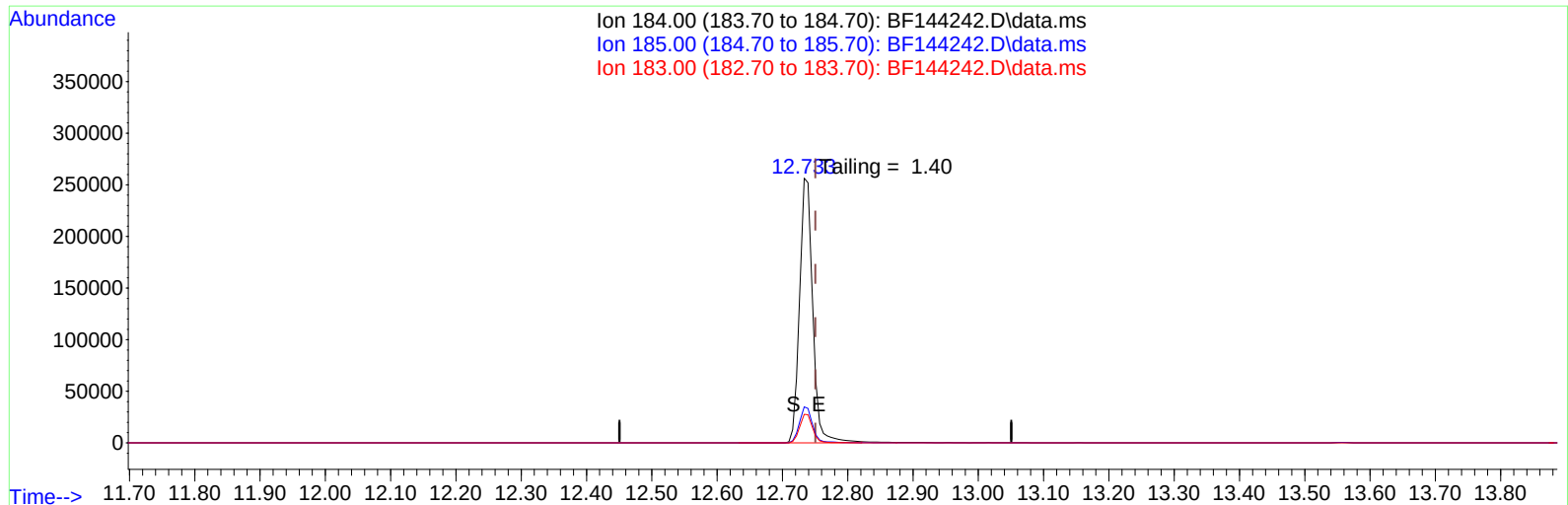
response 99588

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	61.71
264.00	61.80	62.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144242.D
Acq On : 13 Nov 2025 14:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 13 15:07:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



TIC: BF144242.D\data.ms

(77) Benzidine

12.733min (-0.017) 0.00 ng

response 363312

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	13.60
183.00	10.40	10.83
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/13/2025	BNA_F	<u>BF144242.D</u>
Compound Name	Response	Retention Time
DDT	171177	13.557
DDD	4877	13.257
DDE	191	12.928
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
5068	176245	2.88

Instrument :
BNA_F
ClientSampleId :
DFTPP



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

Report of Analysis

Client: Pacific Commercial Services Inc.

Project: Kilo Pier

Client Sample ID: PB170473BL

Lab Sample ID: PB170473BL

Analytical Method: 8270E Level: LOW

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

Prep Method : 3510C Prep Date: 11/10/25

Date Collected:

Date Received:

SDG No.: Q3574

Matrix: Water

% Solid: 0

Test: SVOC-PAH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
91-20-3	Naphthalene	4.00	U	1	0.50	4.00	5.00	ug/L	11/13/25 15:25	PB170473
208-96-8	Acenaphthylene	4.00	U	1	0.75	4.00	5.00	ug/L	11/13/25 15:25	PB170473
83-32-9	Acenaphthene	4.00	U	1	0.55	4.00	5.00	ug/L	11/13/25 15:25	PB170473
86-73-7	Fluorene	4.00	U	1	0.63	4.00	5.00	ug/L	11/13/25 15:25	PB170473
85-01-8	Phenanthrene	4.00	U	1	0.50	4.00	5.00	ug/L	11/13/25 15:25	PB170473
120-12-7	Anthracene	4.00	U	1	0.61	4.00	5.00	ug/L	11/13/25 15:25	PB170473
206-44-0	Fluoranthene	4.00	U	1	0.82	4.00	5.00	ug/L	11/13/25 15:25	PB170473
129-00-0	Pyrene	4.00	U	1	0.50	4.00	5.00	ug/L	11/13/25 15:25	PB170473
56-55-3	Benzo(a)anthracene	4.00	U	1	0.45	4.00	5.00	ug/L	11/13/25 15:25	PB170473
218-01-9	Chrysene	4.00	U	1	0.44	4.00	5.00	ug/L	11/13/25 15:25	PB170473
205-99-2	Benzo(b)fluoranthene	4.00	U	1	0.49	4.00	5.00	ug/L	11/13/25 15:25	PB170473
207-08-9	Benzo(k)fluoranthene	4.00	U	1	0.48	4.00	5.00	ug/L	11/13/25 15:25	PB170473
50-32-8	Benzo(a)pyrene	4.00	U	1	0.55	4.00	5.00	ug/L	11/13/25 15:25	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	1	0.59	4.00	5.00	ug/L	11/13/25 15:25	PB170473
53-70-3	Dibenzo(a,h)anthracene	4.00	U	1	0.67	4.00	5.00	ug/L	11/13/25 15:25	PB170473
191-24-2	Benzo(g,h,i)perylene	4.00	U	1	0.69	4.00	5.00	ug/L	11/13/25 15:25	PB170473
SURROGATES										
4165-60-0	Nitrobenzene-d5	84.0			44 - 120		84%	SPK: 100		
321-60-8	2-Fluorobiphenyl	80.8			44 - 119		81%	SPK: 100		
1718-51-0	Terphenyl-d14	95.0			50 - 134		95%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	58200								
1146-65-2	Naphthalene-d8	226000								
15067-26-2	Acenaphthene-d10	129000								
1517-22-2	Phenanthrene-d10	235000								
1719-03-5	Chrysene-d12	125000								
1520-96-3	Perylene-d12	147000								

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\BF111325\
 Data File : BF144244.D
 Acq On : 13 Nov 2025 15:25
 Operator : RC/JU
 Sample : PB170473BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170473BL

Quant Time: Nov 13 15:46:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58185	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	226377	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	128860	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	235212	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	125254	20.000	ng	0.00
86) Perylene-d12	15.521	264	146599	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	442296	118.955	ng	0.00
7) Phenol-d6	6.498	99	503178	119.434	ng	0.00
23) Nitrobenzene-d5	7.428	82	329373	84.032	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	198023	122.460	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	705126	80.818	ng	0.00
79) Terphenyl-d14	12.986	244	748766	94.955	ng	0.00

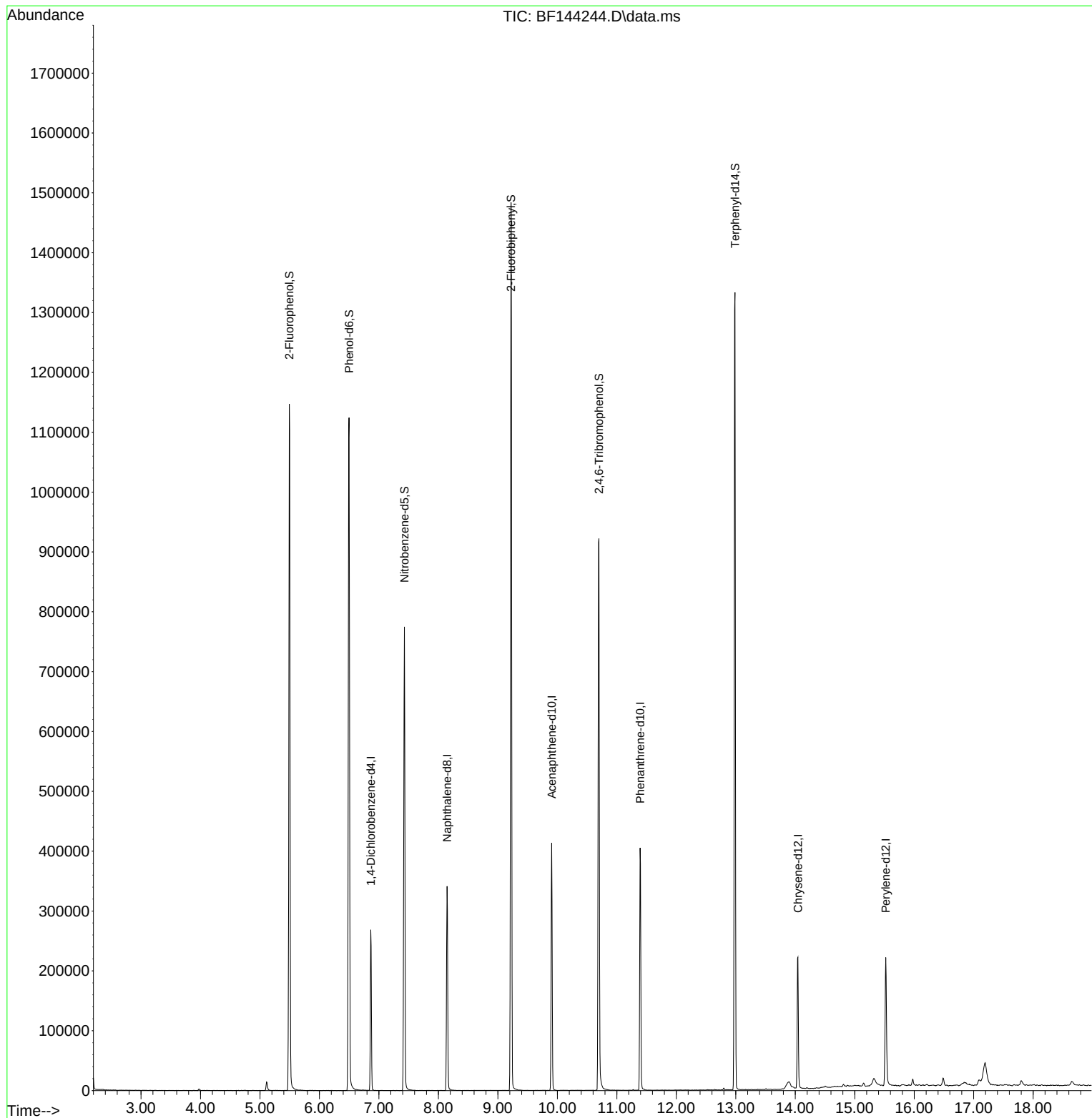
Target Compounds	Qvalue

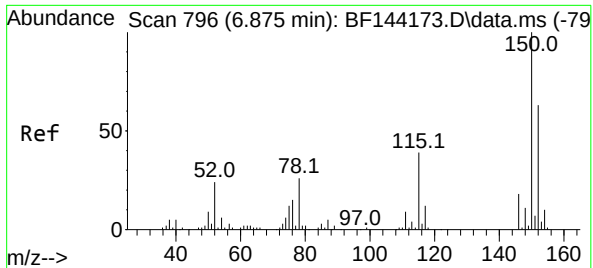
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Time: Nov 13 15:46:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

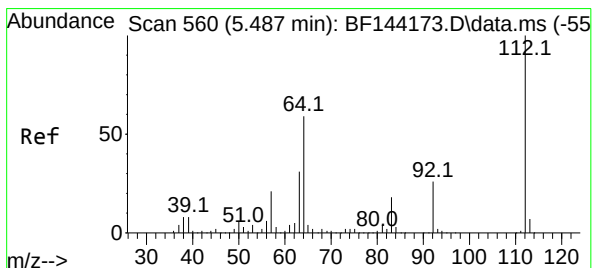
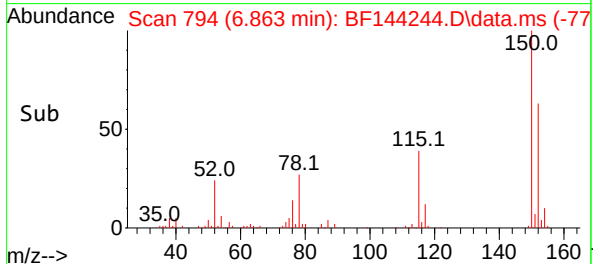
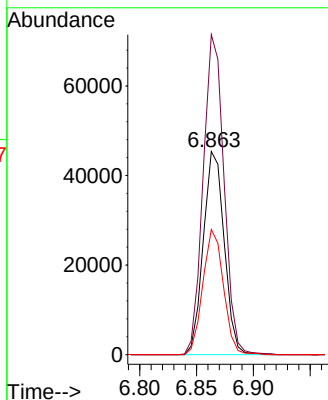
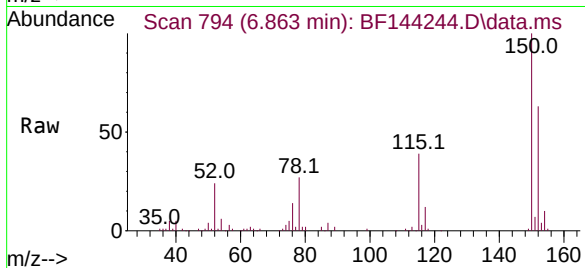




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

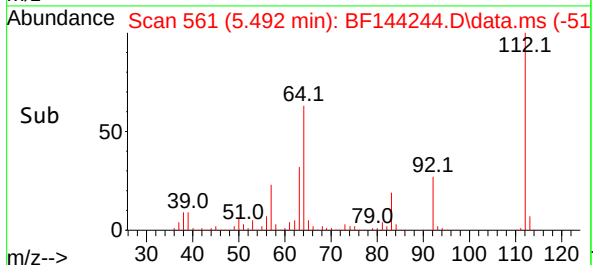
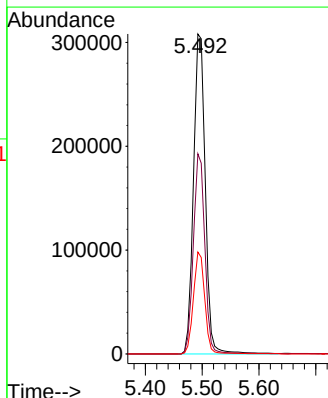
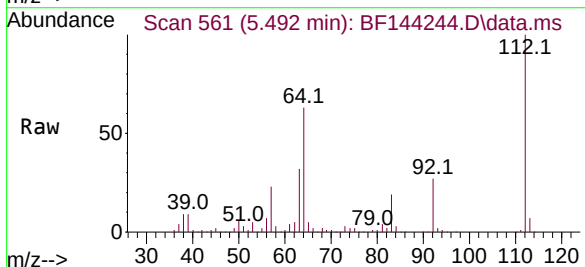
Instrument :
BNA_F
ClientSampleId :
PB170473BL

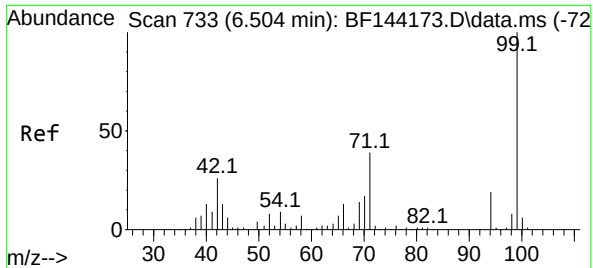
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.4	191.0
115	61.5	49.5	74.3



#5
2-Fluorophenol
Concen: 118.955 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.2	70.8
63	31.8	24.4	36.6

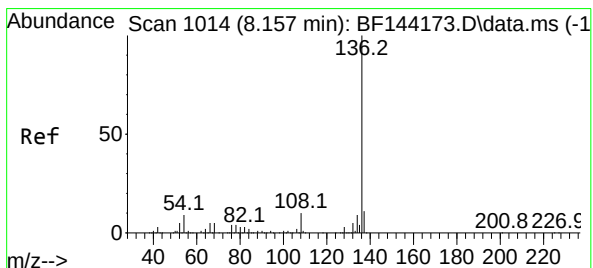
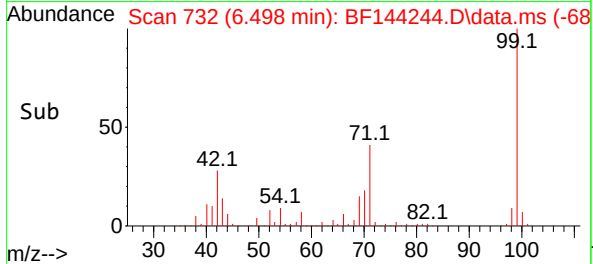
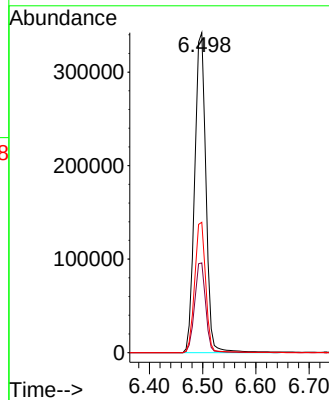
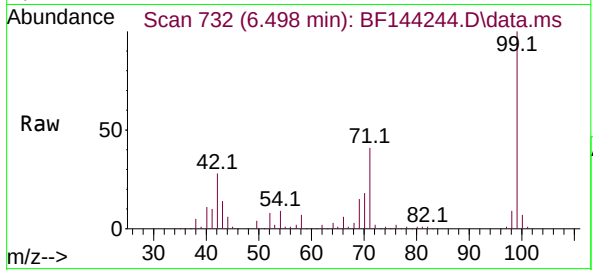




#7
Phenol-d6
Concen: 119.434 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

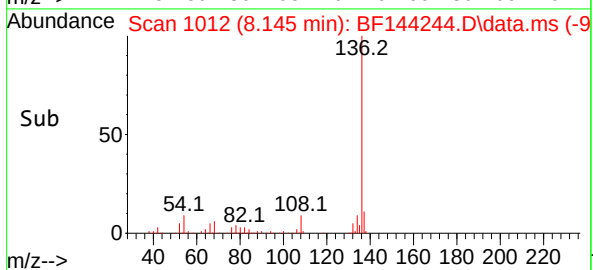
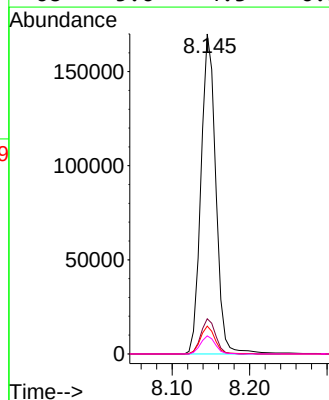
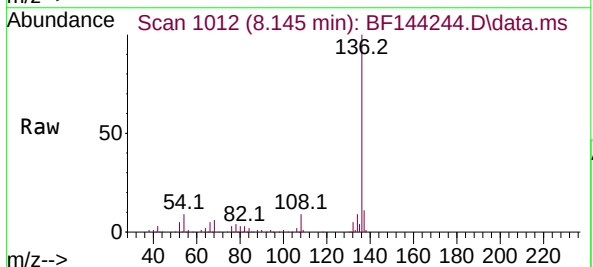
Instrument :
BNA_F
ClientSampleId :
PB170473BL

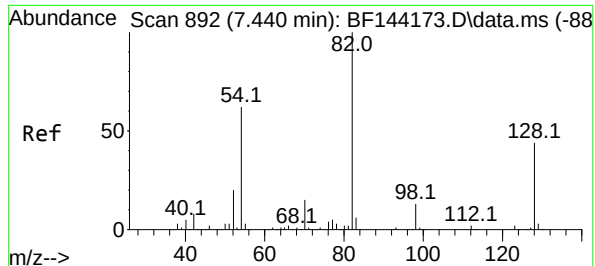
Tgt Ion: 99 Resp: 503178
Ion Ratio Lower Upper
99 100
42 28.1 20.9 31.3
71 40.7 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion: 136 Resp: 226377
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.0 10.6
68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 84.032 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144244.D

Acq: 13 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

PB170473BL

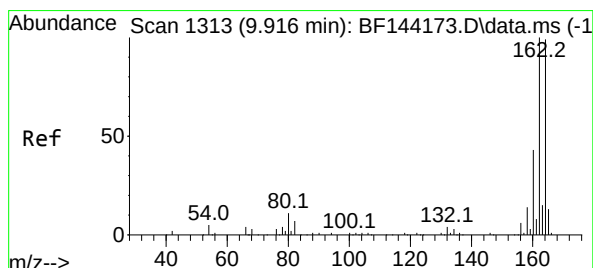
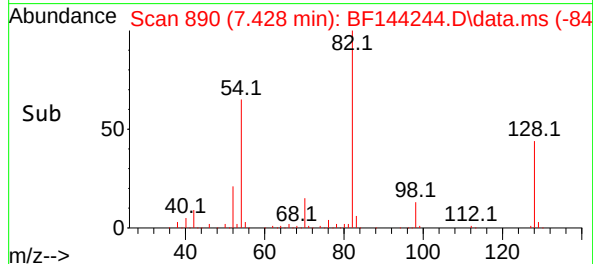
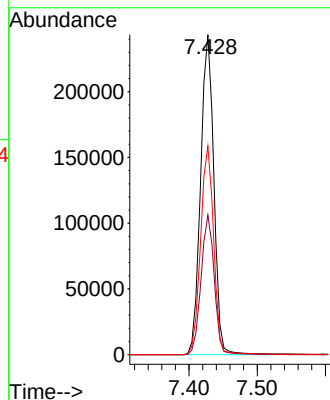
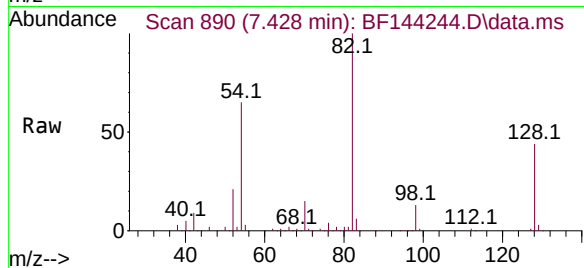
Tgt Ion: 82 Resp: 329373

Ion Ratio Lower Upper

82 100

128 43.5 34.7 52.1

54 65.1 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144244.D

Acq: 13 Nov 2025 15:25

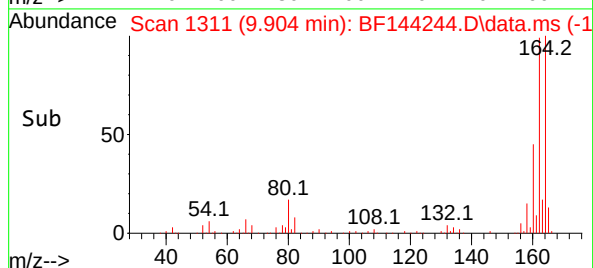
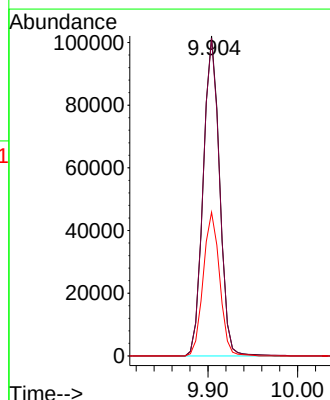
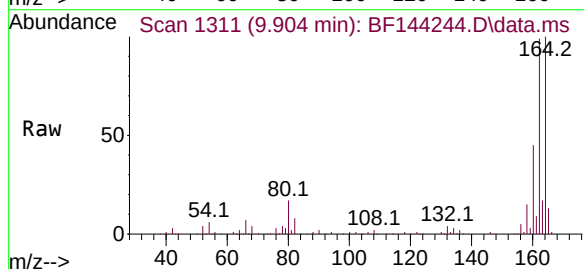
Tgt Ion:164 Resp: 128860

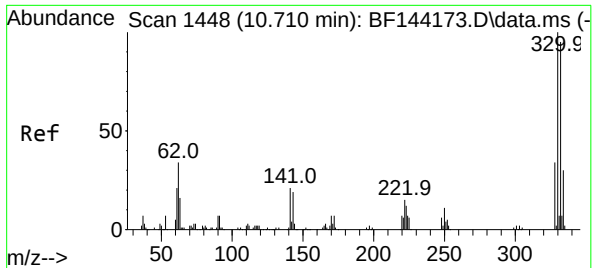
Ion Ratio Lower Upper

164 100

162 99.2 81.1 121.7

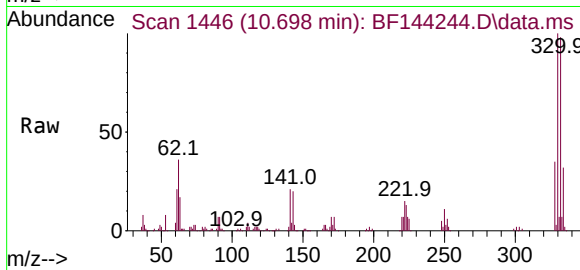
160 44.9 34.5 51.7



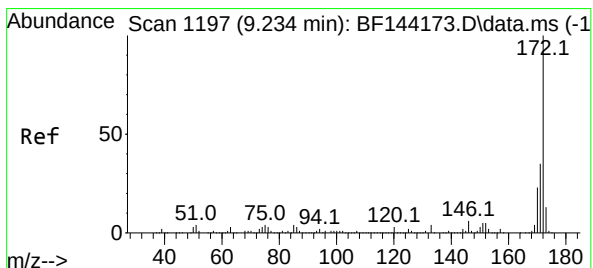
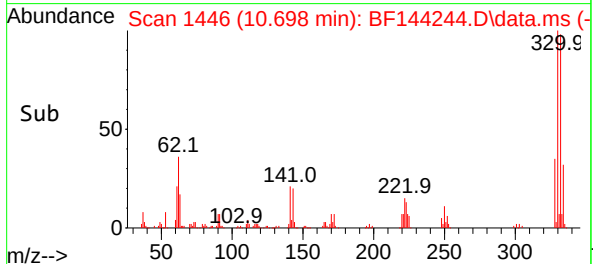
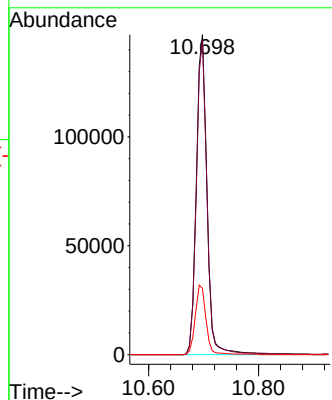


#42
2,4,6-Tribromophenol
Concen: 122.460 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

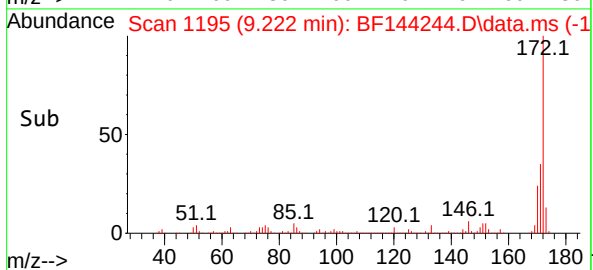
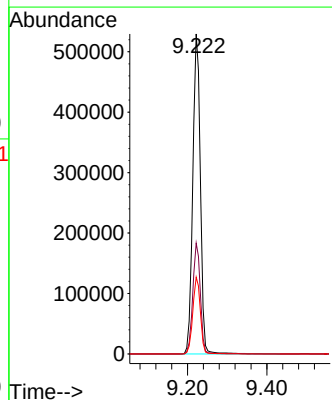
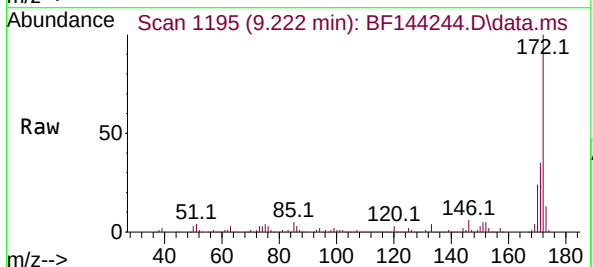


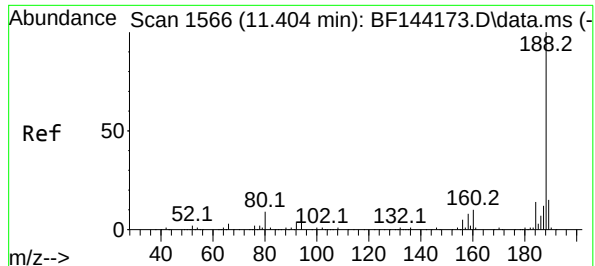
Tgt Ion:330 Resp: 198023
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 22.1 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 80.818 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:172 Resp: 705126
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 24.0 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144244.D

Acq: 13 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

PB170473BL

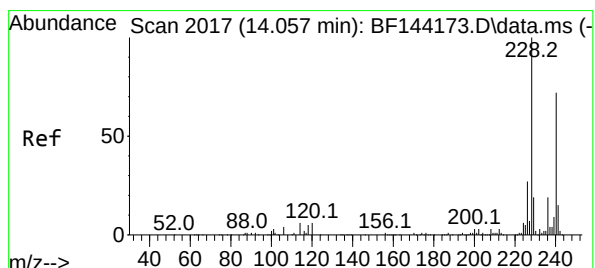
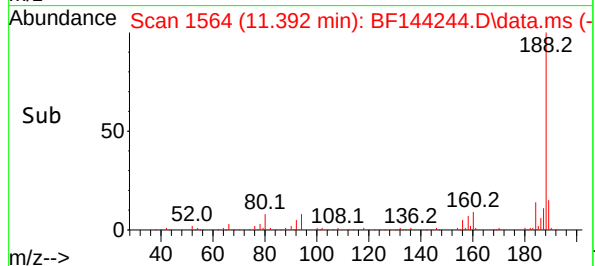
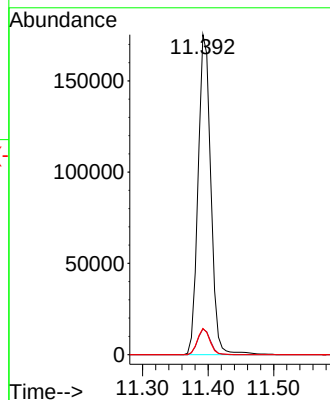
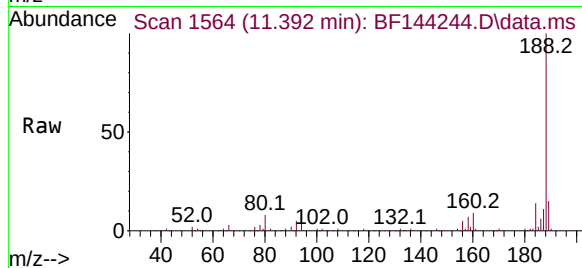
Tgt Ion:188 Resp: 235212

Ion Ratio Lower Upper

188 100

94 8.0 6.2 9.2

80 8.2 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144244.D

Acq: 13 Nov 2025 15:25

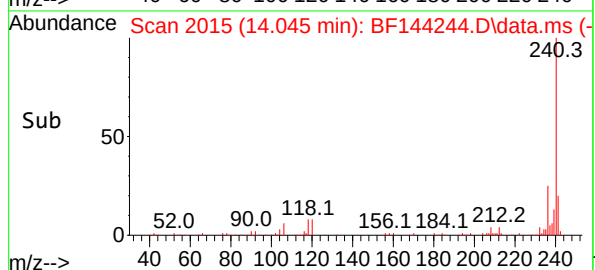
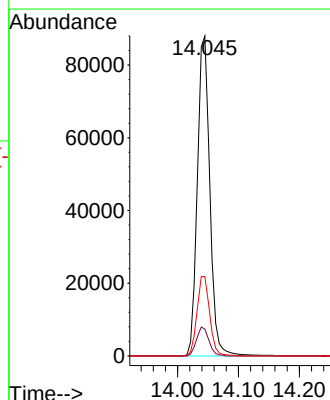
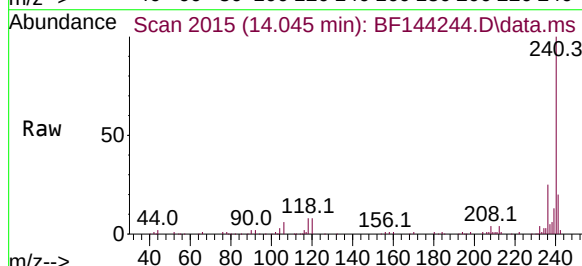
Tgt Ion:240 Resp: 125254

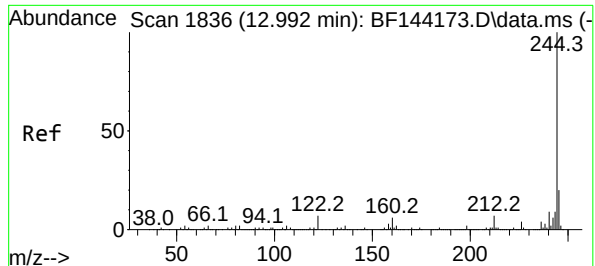
Ion Ratio Lower Upper

240 100

120 8.4 6.6 10.0

236 24.8 21.4 32.2





#79

Terphenyl-d14

Concen: 94.955 ng

RT: 12.986 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF144244.D

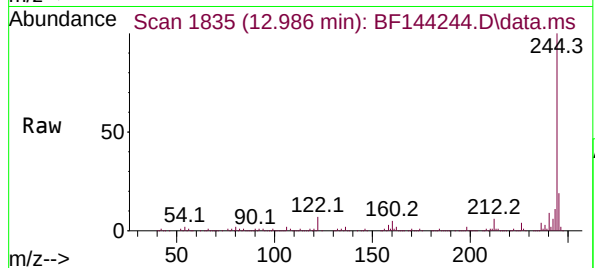
Acq: 13 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

PB170473BL



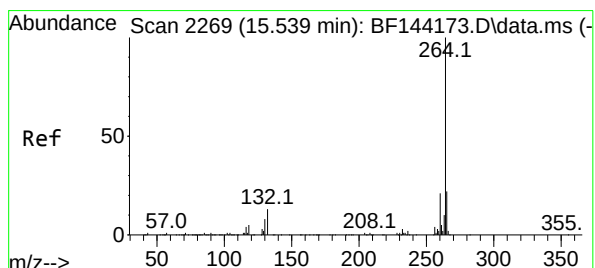
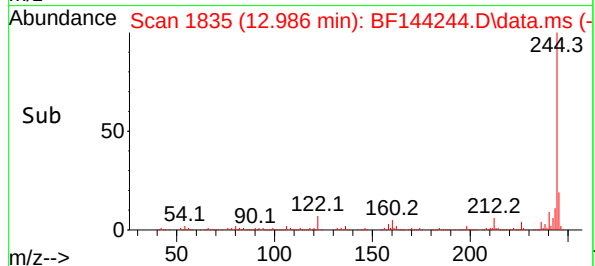
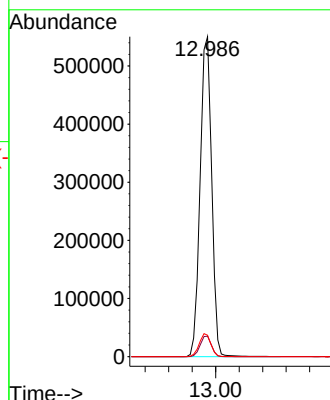
Tgt Ion:244 Resp: 748766

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 6.7 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144244.D

Acq: 13 Nov 2025 15:25

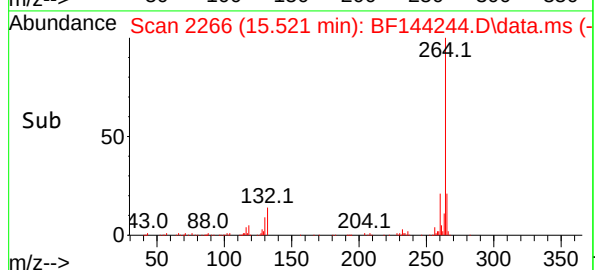
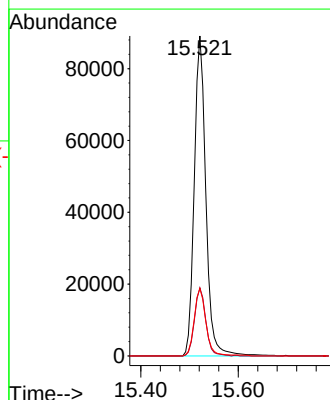
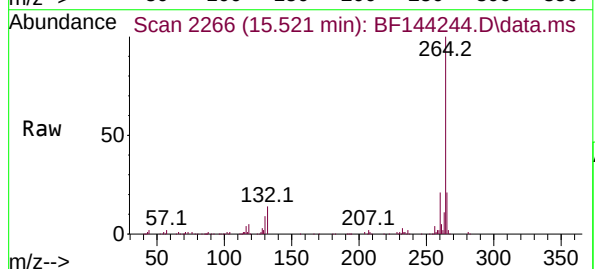
Tgt Ion:264 Resp: 146599

Ion Ratio Lower Upper

264 100

260 21.3 17.1 25.7

265 21.1 17.4 26.0





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

Report of Analysis

Client: Pacific Commercial Services Inc.

Project: Kilo Pier

Client Sample ID: PB170473BS

Lab Sample ID: PB170473BS

Analytical Method: 8270E Level: LOW

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

Prep Method : 3510C Prep Date: 11/10/2015

Date Collected:

Date Received:

SDG No.: Q3574

Matrix: Water

% Solid: 0

Test: SVOC-PAH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
91-20-3	Naphthalene	41.6		1	0.50	4.00	5.00	ug/L	11/13/25 15:55	PB170473
208-96-8	Acenaphthylene	46.9		1	0.75	4.00	5.00	ug/L	11/13/25 15:55	PB170473
83-32-9	Acenaphthene	37.6		1	0.55	4.00	5.00	ug/L	11/13/25 15:55	PB170473
86-73-7	Fluorene	42.8		1	0.63	4.00	5.00	ug/L	11/13/25 15:55	PB170473
85-01-8	Phenanthrene	43.2		1	0.50	4.00	5.00	ug/L	11/13/25 15:55	PB170473
120-12-7	Anthracene	43.3		1	0.61	4.00	5.00	ug/L	11/13/25 15:55	PB170473
206-44-0	Fluoranthene	41.3		1	0.82	4.00	5.00	ug/L	11/13/25 15:55	PB170473
129-00-0	Pyrene	51.7		1	0.50	4.00	5.00	ug/L	11/13/25 15:55	PB170473
56-55-3	Benzo(a)anthracene	45.2		1	0.45	4.00	5.00	ug/L	11/13/25 15:55	PB170473
218-01-9	Chrysene	46.5		1	0.44	4.00	5.00	ug/L	11/13/25 15:55	PB170473
205-99-2	Benzo(b)fluoranthene	41.5		1	0.49	4.00	5.00	ug/L	11/13/25 15:55	PB170473
207-08-9	Benzo(k)fluoranthene	46.1		1	0.48	4.00	5.00	ug/L	11/13/25 15:55	PB170473
50-32-8	Benzo(a)pyrene	46.7		1	0.55	4.00	5.00	ug/L	11/13/25 15:55	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	45.9		1	0.59	4.00	5.00	ug/L	11/13/25 15:55	PB170473
53-70-3	Dibenzo(a,h)anthracene	45.7		1	0.67	4.00	5.00	ug/L	11/13/25 15:55	PB170473
191-24-2	Benzo(g,h,i)perylene	47.4		1	0.69	4.00	5.00	ug/L	11/13/25 15:55	PB170473
SURROGATES										
4165-60-0	Nitrobenzene-d5	83.2			44 - 120		83%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.8			44 - 119		77%	SPK: 100		
1718-51-0	Terphenyl-d14	96.5			50 - 134		96%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	61400								
1146-65-2	Naphthalene-d8	243000								
15067-26-2	Acenaphthene-d10	140000								
1517-22-2	Phenanthrene-d10	237000								
1719-03-5	Chrysene-d12	118000								
1520-96-3	Perylene-d12	158000								

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\BF111325\
 Data File : BF144245.D
 Acq On : 13 Nov 2025 15:55
 Operator : RC/JU
 Sample : PB170473BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170473BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 16:15:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	61443	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	243453	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	140132	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	236951	20.000	ng	0.00
76) Chrysene-d12	14.045	240	118377	20.000	ng	0.00
86) Perylene-d12	15.527	264	157737	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	467740	119.127	ng	0.00
7) Phenol-d6	6.504	99	533527	119.923	ng	0.00
23) Nitrobenzene-d5	7.434	82	350581	83.169	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	216265	122.983	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	729154	76.850	ng	0.00
79) Terphenyl-d14	12.986	244	719166	96.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	62578	38.550	ng	98
3) Pyridine	3.463	79	179124	39.552	ng	99
4) n-Nitrosodimethylamine	3.410	42	114179	48.267	ng	97
6) Aniline	6.528	93	207544	32.743	ng	# 81
8) 2-Chlorophenol	6.651	128	167897	43.603	ng	98
9) Benzaldehyde	6.416	77	102064	40.627	ng	93
10) Phenol	6.516	94	229486	42.219	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	172855	43.642	ng	97
12) 1,3-Dichlorobenzene	6.810	146	208708	43.925	ng	97
13) 1,4-Dichlorobenzene	6.887	146	207397	43.569	ng	99
14) 1,2-Dichlorobenzene	7.034	146	196374	43.040	ng	99
15) Benzyl Alcohol	7.010	79	163209	46.329	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	327138	44.852	ng	98
17) 2-Methylphenol	7.122	107	133634	43.625	ng	97
18) Hexachloroethane	7.375	117	69026	43.646	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	129284	44.143	ng	94
20) 3+4-Methylphenols	7.275	107	155390	43.032	ng	96
22) Acetophenone	7.275	105	223896	42.871	ng	93
24) Nitrobenzene	7.451	77	195475	42.710	ng	100
25) Isophorone	7.687	82	353672	44.357	ng	100
26) 2-Nitrophenol	7.769	139	101091	44.620	ng	99
27) 2,4-Dimethylphenol	7.804	122	164286	48.380	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	214693	43.120	ng	98
29) 2,4-Dichlorophenol	8.010	162	159690	40.801	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	175763	43.734	ng	95
31) Naphthalene	8.169	128	482201	41.638	ng	99
32) Benzoic acid	7.934	122	106932	42.959	ng	98
33) 4-Chloroaniline	8.222	127	69710	16.504	ng	100
34) Hexachlorobutadiene	8.287	225	121656	40.166	ng	96
35) Caprolactam	8.592	113	49172m	45.858	ng	
36) 4-Chloro-3-methylphenol	8.704	107	155296	44.274	ng	98
37) 2-Methylnaphthalene	8.863	142	302563	39.076	ng	99
38) 1-Methylnaphthalene	8.963	142	302350	40.470	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	184203	40.109	ng	98
41) Hexachlorocyclopentadiene	9.016	237	185990	96.064	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	128539	41.122	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144245.D
 Acq On : 13 Nov 2025 15:55
 Operator : RC/JU
 Sample : PB170473BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 16:15:27 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 05 18:37:33 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	137095	40.694	ng	100
46) 1,1'-Biphenyl	9.328	154	413905	42.315	ng	98
47) 2-Chloronaphthalene	9.351	162	337950	40.503	ng	99
48) 2-Nitroaniline	9.451	65	108163	44.928	ng	99
49) Acenaphthylene	9.769	152	533014	46.877	ng	100
50) Dimethylphthalate	9.628	163	405560	43.686	ng	99
51) 2,6-Dinitrotoluene	9.692	165	87661	46.646	ng	98
52) Acenaphthene	9.939	154	286244	37.646	ng	97
53) 3-Nitroaniline	9.863	138	53453	26.020	ng	98
54) 2,4-Dinitrophenol	9.975	184	105620	93.073	ng	95
55) Dibenzofuran	10.116	168	430177	40.396	ng	97
56) 4-Nitrophenol	10.034	139	115588	77.783	ng	94
57) 2,4-Dinitrotoluene	10.098	165	116188	46.184	ng	96
58) Fluorene	10.457	166	346406	42.784	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	107816	45.234	ng	97
60) Diethylphthalate	10.328	149	374276	43.734	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	186905	40.526	ng	97
62) 4-Nitroaniline	10.481	138	87332	44.639	ng	99
63) Azobenzene	10.610	77	359970	45.196	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	69443	43.140	ng	94
66) n-Nitrosodiphenylamine	10.569	169	345895	45.387	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	129092	42.683	ng	96
68) Hexachlorobenzene	11.010	284	154946	43.495	ng	95
69) Atrazine	11.098	200	109917	45.352	ng	97
70) Pentachlorophenol	11.204	266	148413	83.663	ng	98
71) Phenanthrene	11.422	178	509691	43.204	ng	99
72) Anthracene	11.475	178	519244	43.285	ng	99
73) Carbazole	11.633	167	443160	43.444	ng	98
74) Di-n-butylphthalate	11.957	149	516718	41.903	ng	99
75) Fluoranthene	12.616	202	503631	41.326	ng	100
77) Benzidine	12.733	184	156298	44.637	ng	97
78) Pyrene	12.845	202	493385	51.692	ng	99
80) Butylbenzylphthalate	13.457	149	147769	44.669	ng	99
81) Benzo(a)anthracene	14.033	228	370438	45.151	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	63866	22.710	ng	98
83) Chrysene	14.074	228	351949	46.470	ng	97
84) Bis(2-ethylhexyl)phtha...	14.016	149	179079	39.545	ng	99
85) Di-n-octyl phthalate	14.633	149	322146	41.231	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	519646	45.893	ng	100
88) Benzo(b)fluoranthene	15.092	252	371823	41.463	ng	99
89) Benzo(k)fluoranthene	15.121	252	386885	46.092	ng	99
90) Benzo(a)pyrene	15.463	252	386349	46.700	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	415994	45.746	ng	99
92) Benzo(g,h,i)perylene	17.480	276	425782	47.414	ng	99

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

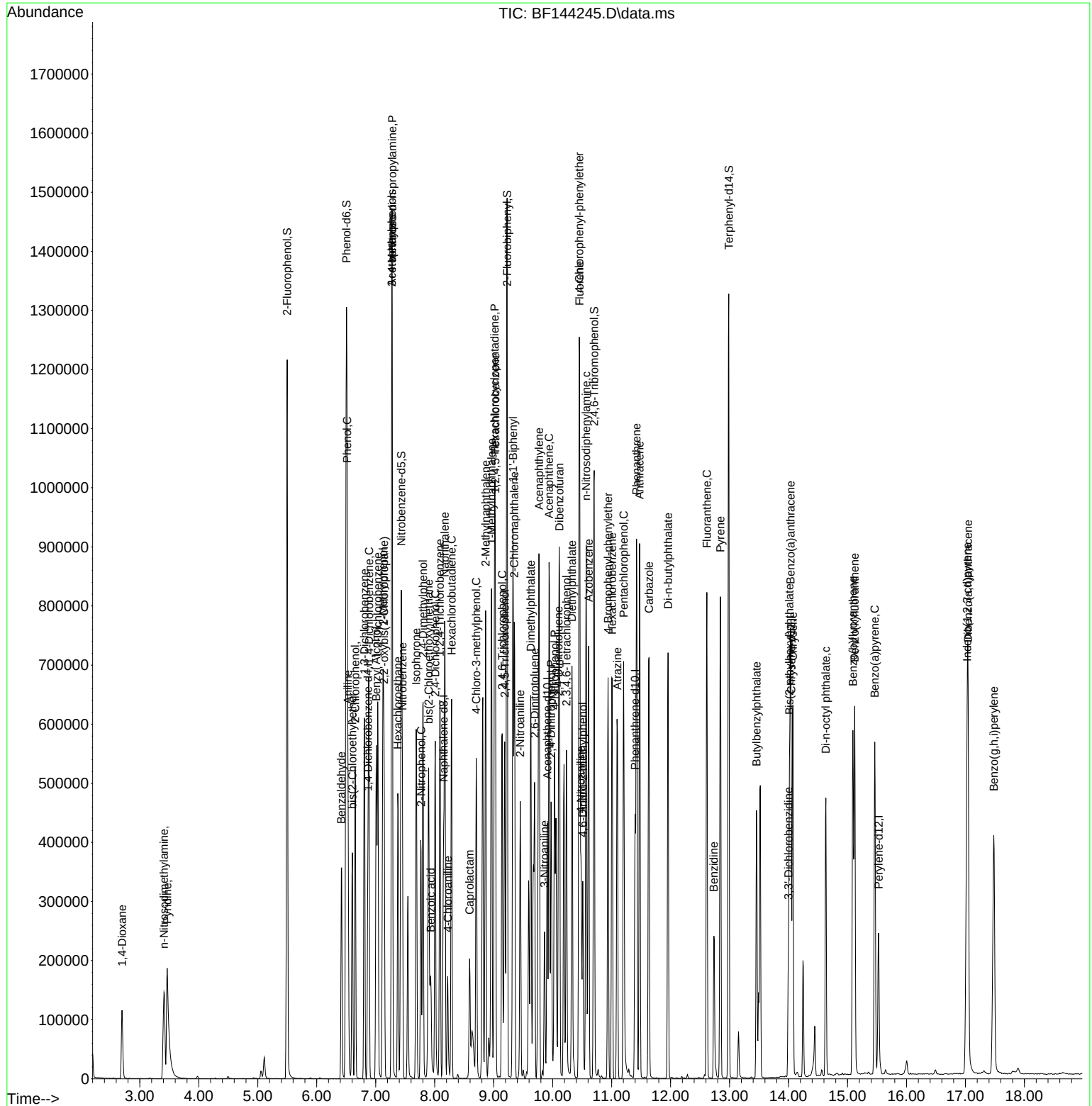

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Data File : BF144245.D  
Acq On    : 13 Nov 2025   15:55  
Operator  : RC/JU  
Sample    : PB170473BS  
Misc      :  
ALS Vial  : 4   Sample Multiplier: 1
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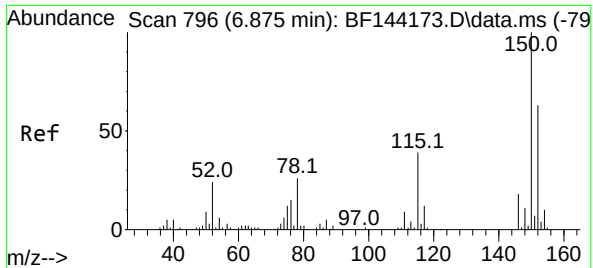
Instrument :
BNA_F
ClientSampleId :
PB170473BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

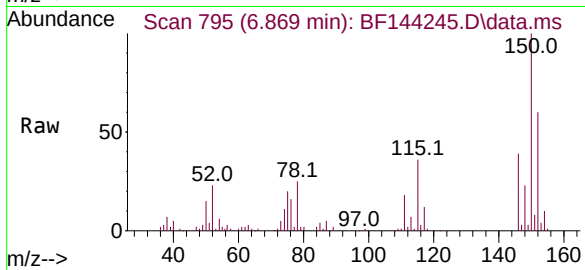
Quant Time: Nov 13 16:15:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

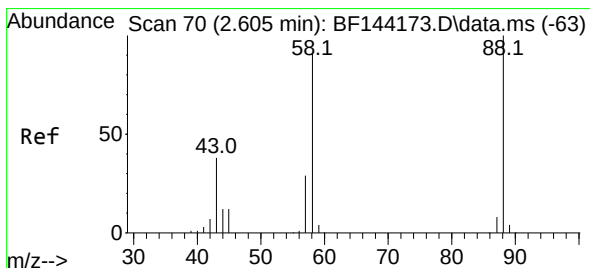
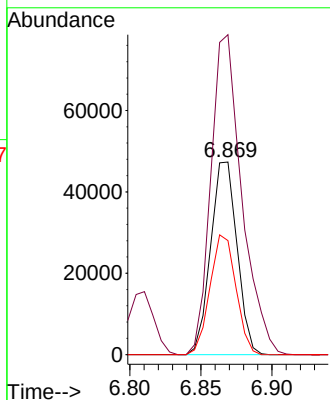
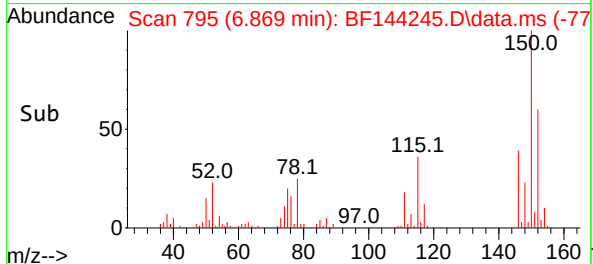
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:152 Resp: 61443
Ion Ratio Lower Upper
152 100
150 166.2 127.4 191.0
115 59.2 49.5 74.3

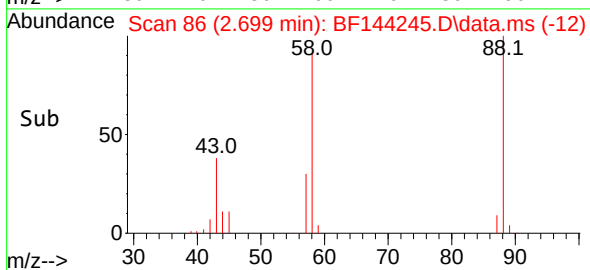
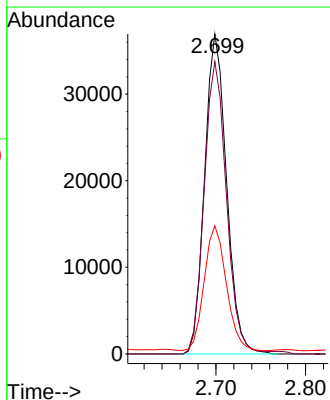
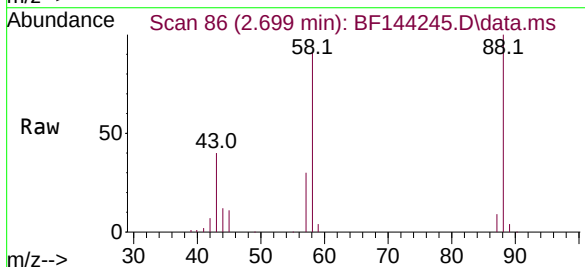
Manual Integrations
APPROVED

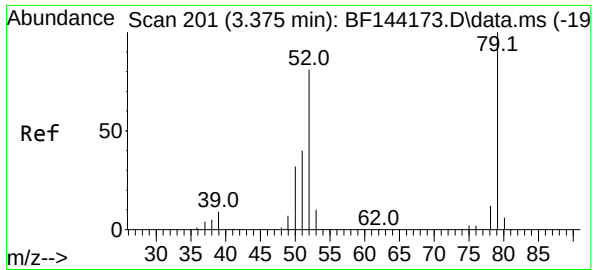
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 38.550 ng
RT: 2.699 min Scan# 86
Delta R.T. 0.082 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion: 88 Resp: 62578
Ion Ratio Lower Upper
88 100
58 93.6 73.1 109.7
43 39.5 31.0 46.6





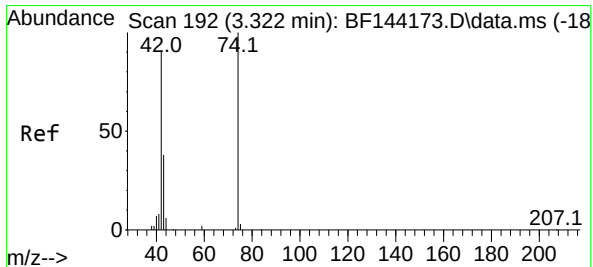
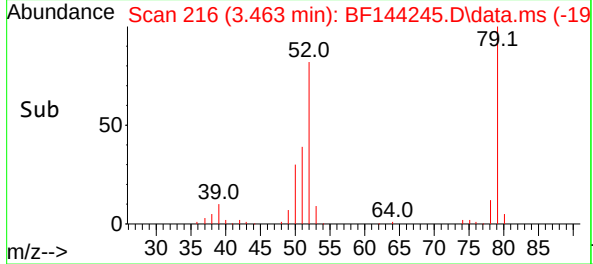
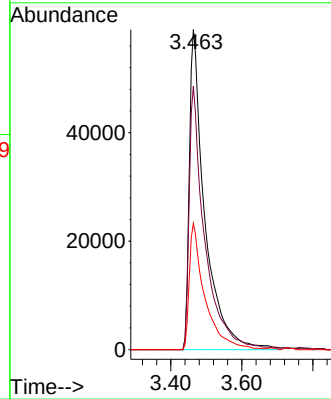
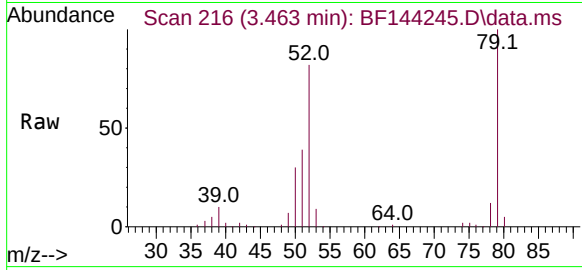
#3
Pyridine
Concen: 39.552 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion: 79 Resp: 179124
Ion Ratio Lower Upper
79 100
52 82.4 64.5 96.7
51 39.5 31.7 47.5

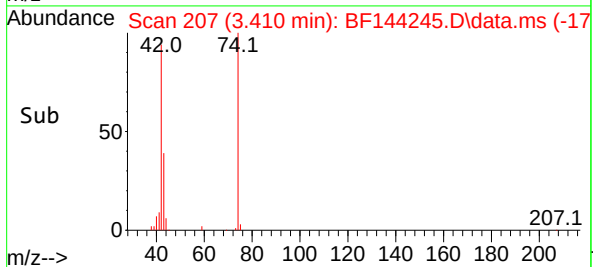
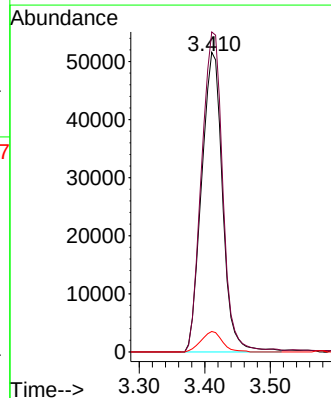
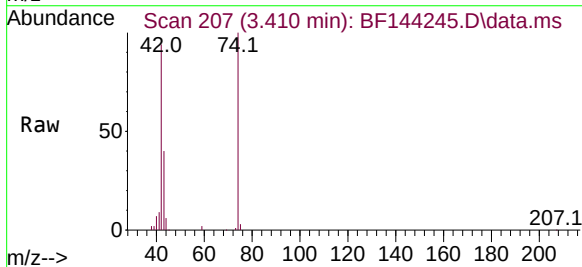
Manual Integrations
APPROVED

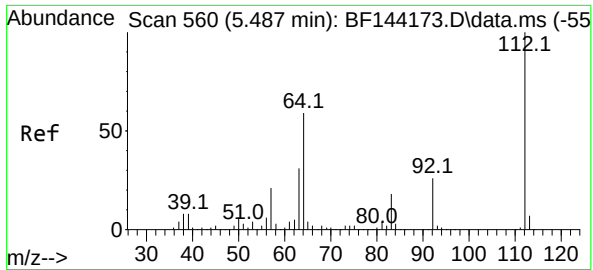
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#4
n-Nitrosodimethylamine
Concen: 48.267 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.065 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

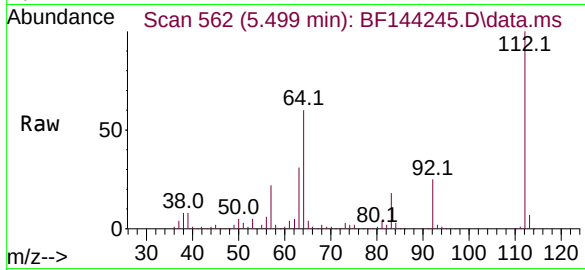
Tgt Ion: 42 Resp: 114179
Ion Ratio Lower Upper
42 100
74 106.8 88.2 132.4
44 6.8 5.7 8.5





#5
2-Fluorophenol
Concen: 119.127 ng
RT: 5.499 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

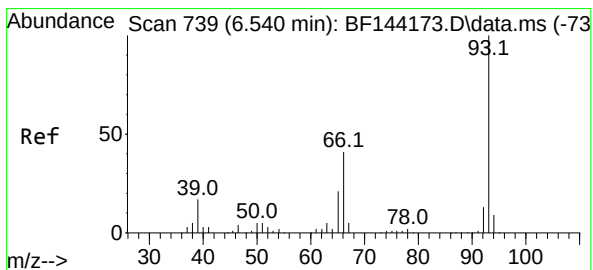
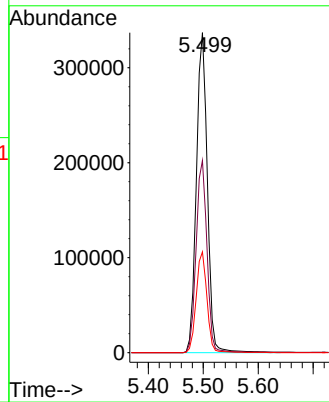
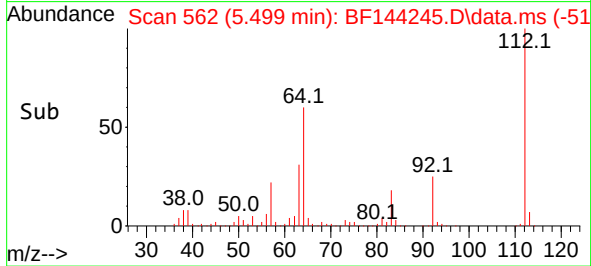
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:112 Resp: 467740
Ion Ratio Lower Upper
112 100
64 60.0 47.2 70.8
63 31.5 24.4 36.6

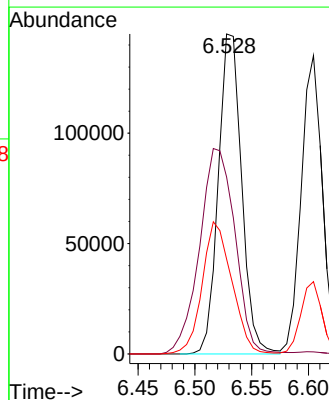
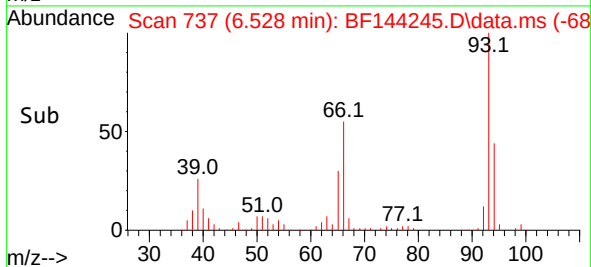
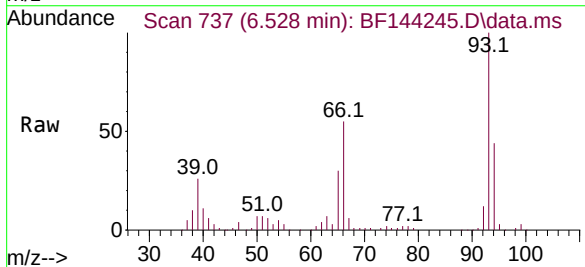
Manual Integrations
APPROVED

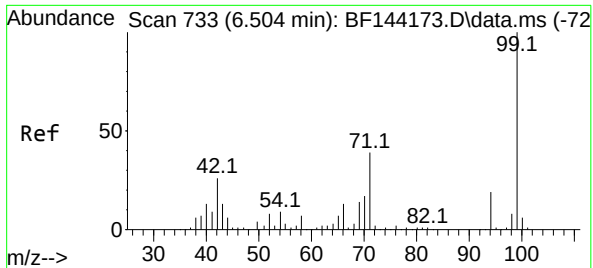
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 32.743 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion: 93 Resp: 207544
Ion Ratio Lower Upper
93 100
66 55.3 34.3 51.5#
65 29.7 16.9 25.3#





#7

Phenol-d6

Concen: 119.923 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.006 min

Lab File: BF144245.D

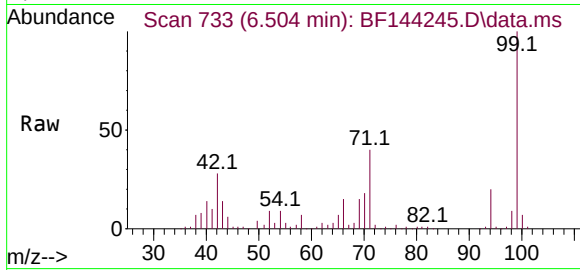
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

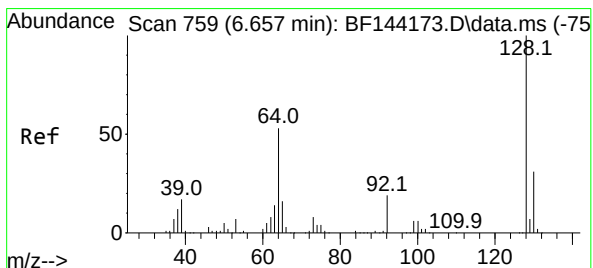
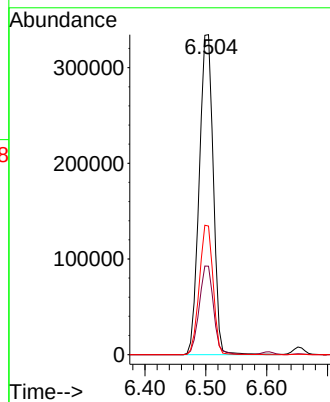


Tgt Ion:	99	Resp:	53352
Ion Ratio	100	Lower	Upper
99	100		
42	27.6	20.9	31.3
71	40.2	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#8

2-Chlorophenol

Concen: 43.603 ng

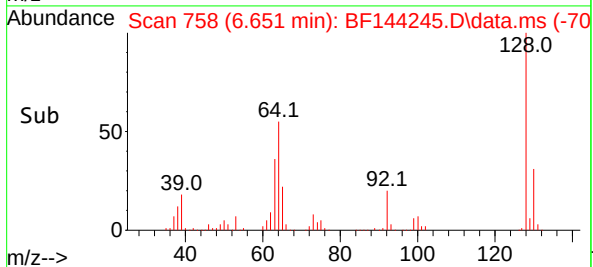
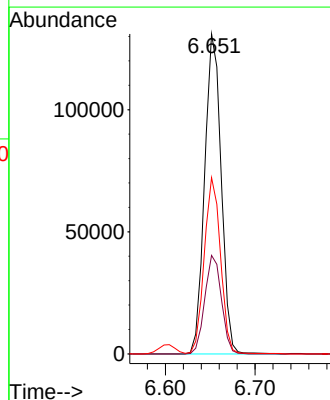
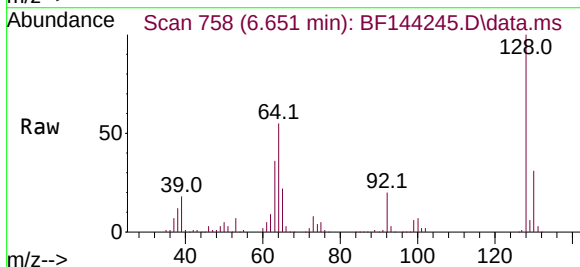
RT: 6.651 min Scan# 758

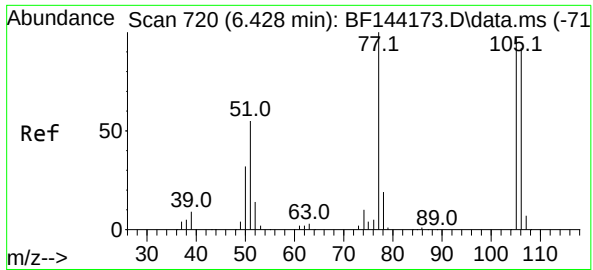
Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

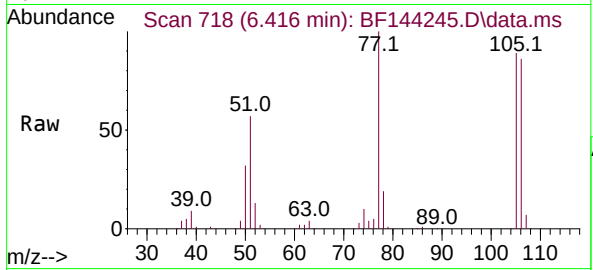
Tgt Ion:	128	Resp:	167897
Ion Ratio	100	Lower	Upper
128	100		
130	30.8	10.5	50.5
64	55.1	33.2	73.2





#9
Benzaldehyde
Concen: 40.627 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

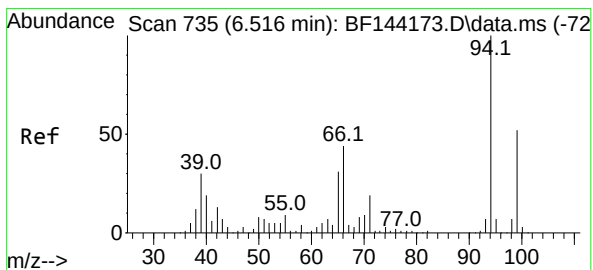
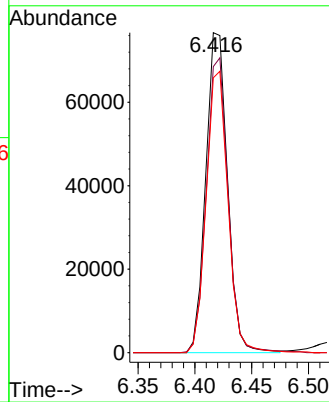
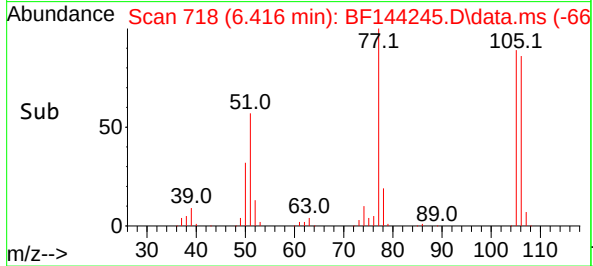
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion: 77 Resp: 102064
Ion Ratio Lower Upper
77 100
105 89.4 77.2 117.2
106 85.9 72.2 112.2

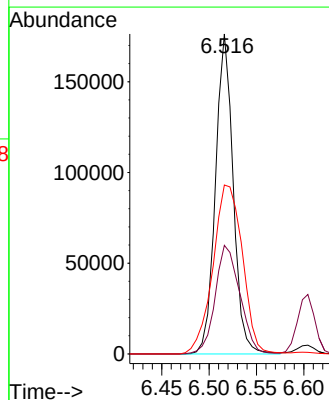
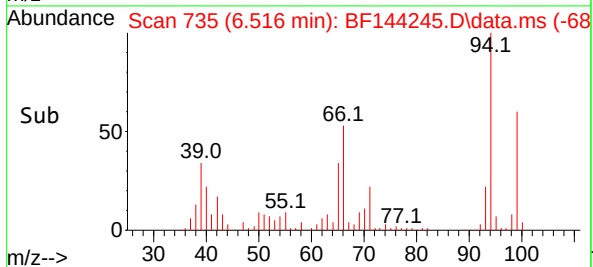
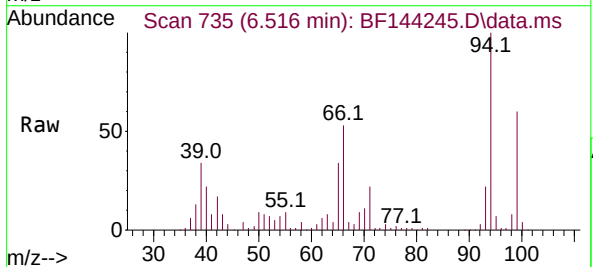
Manual Integrations
APPROVED

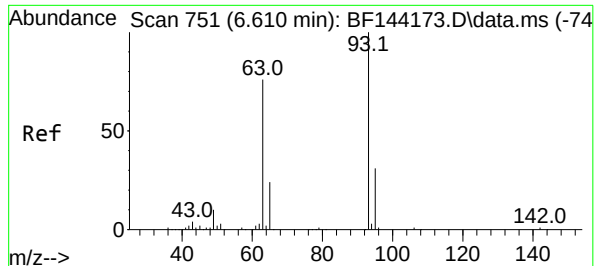
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#10
Phenol
Concen: 42.219 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion: 94 Resp: 229486
Ion Ratio Lower Upper
94 100
65 33.9 10.8 50.8
66 52.8 24.3 64.3





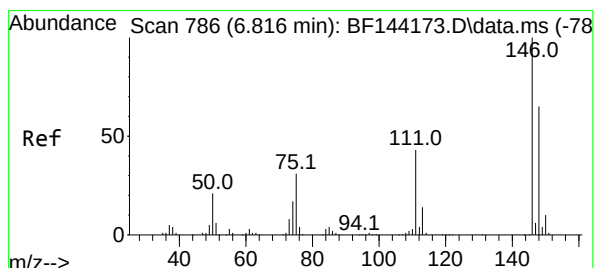
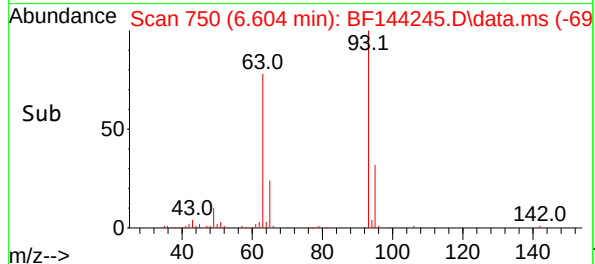
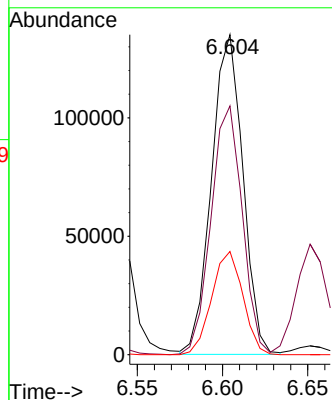
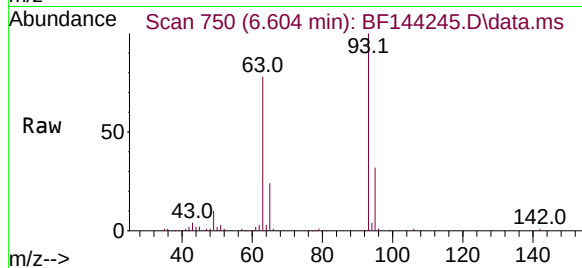
#11
bis(2-Chloroethyl)ether
Concen: 43.642 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion: 93 Resp: 17285
Ion Ratio Lower Upper
93 100
63 77.7 55.2 95.2
95 32.2 11.2 51.2

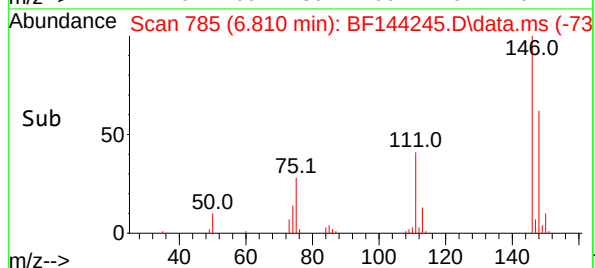
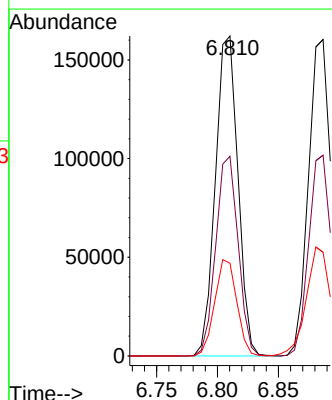
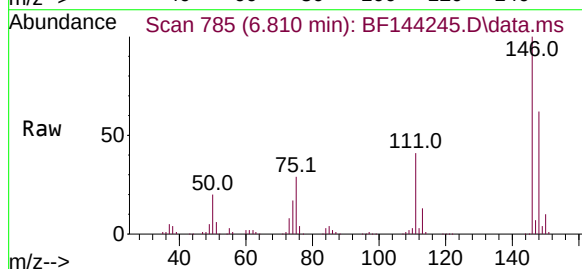
Manual Integrations
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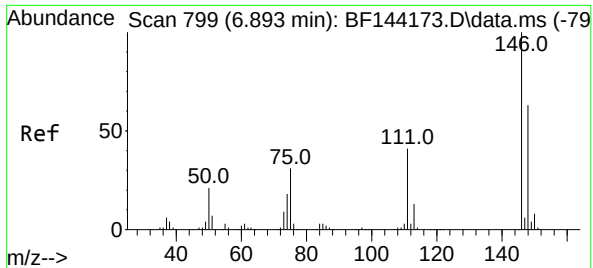
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#12
1,3-Dichlorobenzene
Concen: 43.925 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:146 Resp: 208708
Ion Ratio Lower Upper
146 100
148 62.4 51.8 77.8
75 29.0 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 43.569 ng

RT: 6.887 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:146 Resp: 207392

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

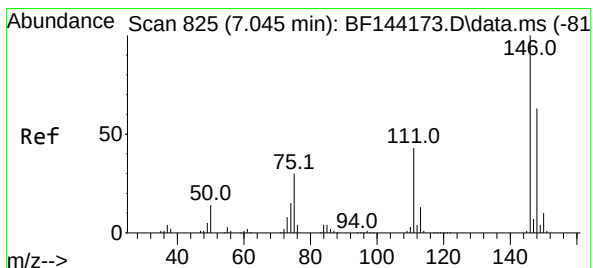
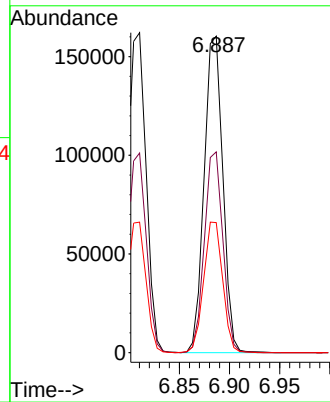
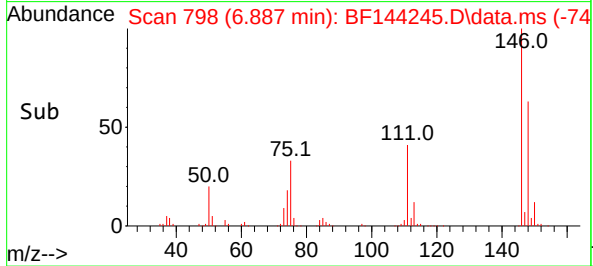
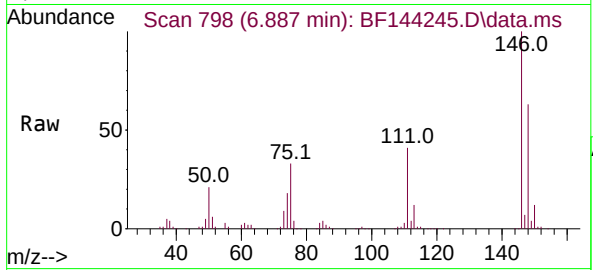
111 41.1 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 43.040 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

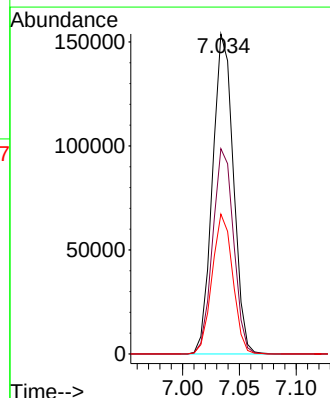
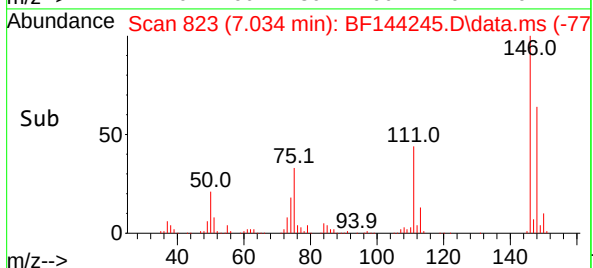
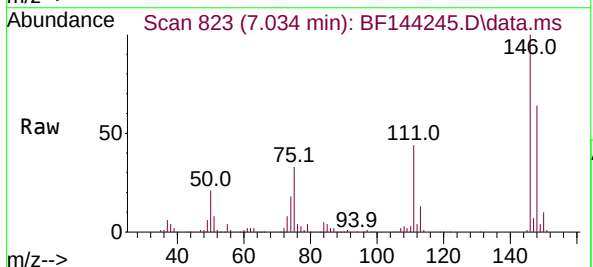
Tgt Ion:146 Resp: 196374

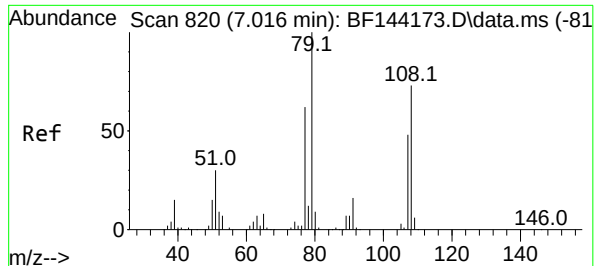
Ion Ratio Lower Upper

146 100

148 64.1 50.7 76.1

111 43.7 34.2 51.4





#15

Benzyl Alcohol

Concen: 46.329 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion: 79 Resp: 163209

Ion Ratio Lower Upper

79 100

108 72.2 58.2 87.4

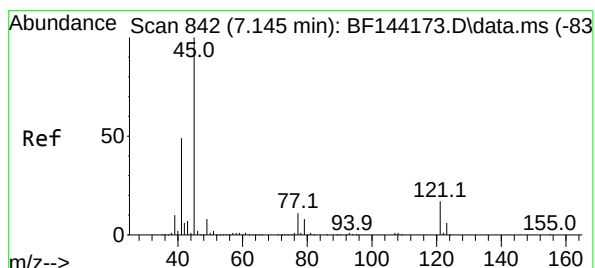
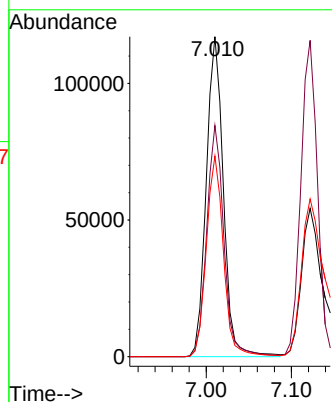
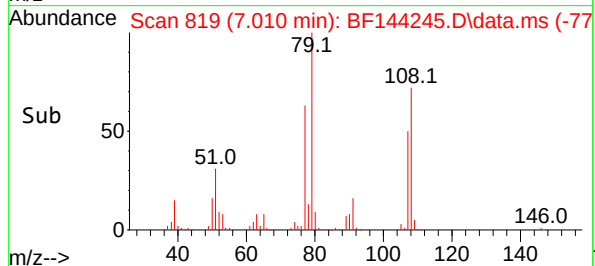
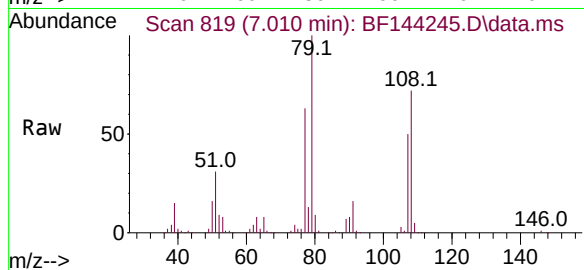
77 62.7 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.852 ng

RT: 7.140 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

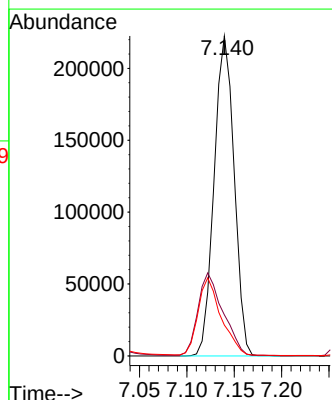
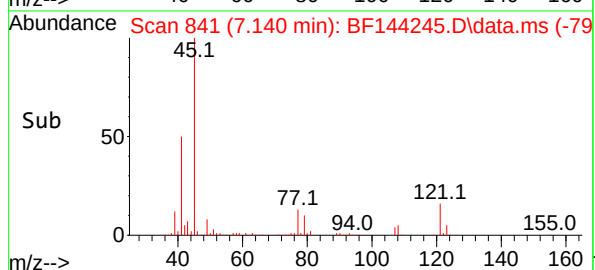
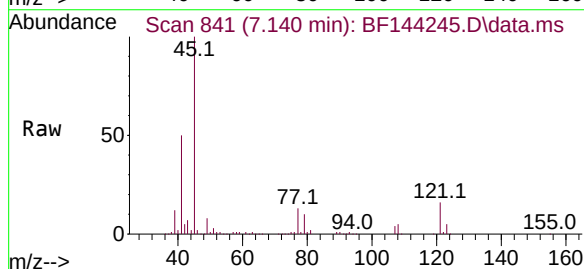
Tgt Ion: 45 Resp: 327138

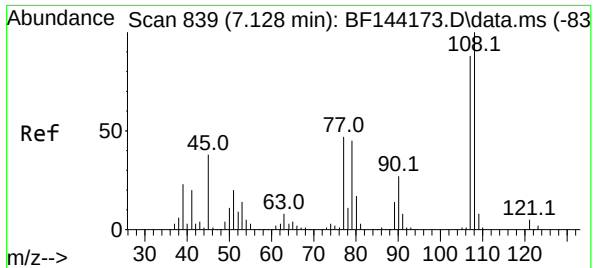
Ion Ratio Lower Upper

45 100

77 12.8 0.0 31.8

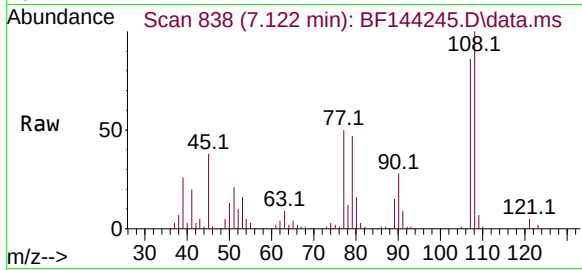
79 9.6 0.0 29.1





#17
2-Methylphenol
Concen: 43.625 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

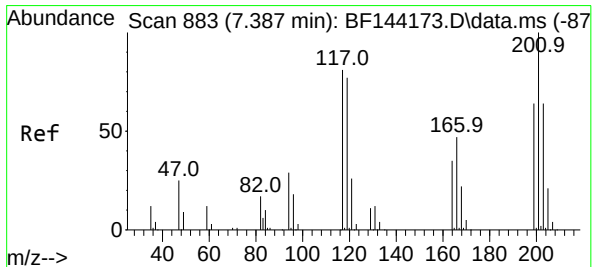
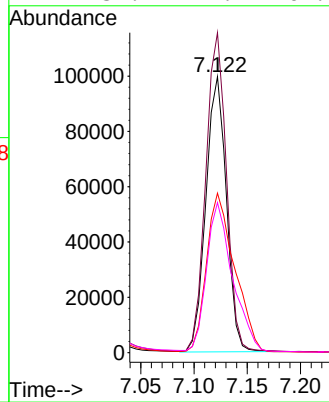
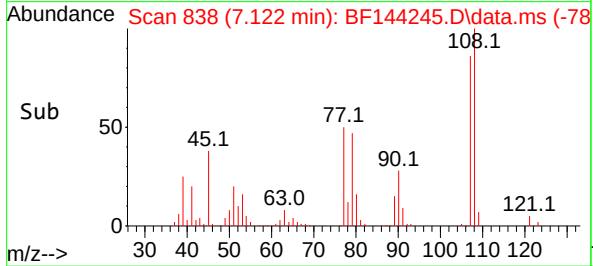
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:107 Resp: 133634
Ion Ratio Lower Upper
107 100
108 116.0 91.0 136.4
77 57.8 42.7 64.1
79 54.4 41.4 62.2

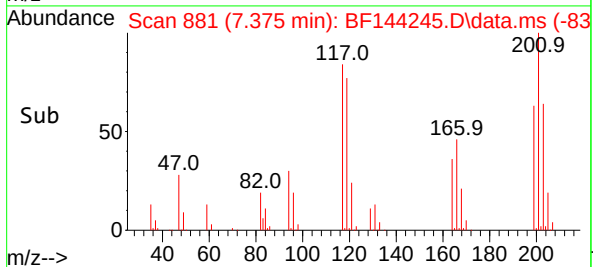
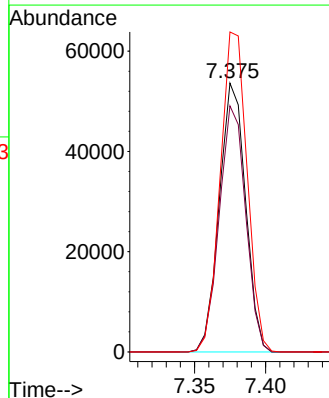
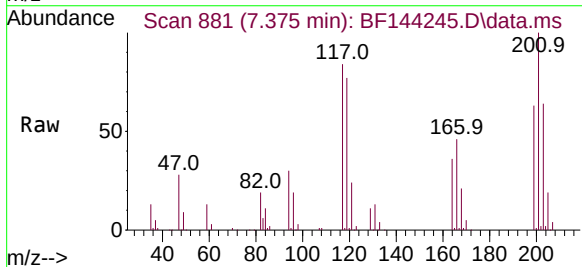
Manual Integrations
APPROVED

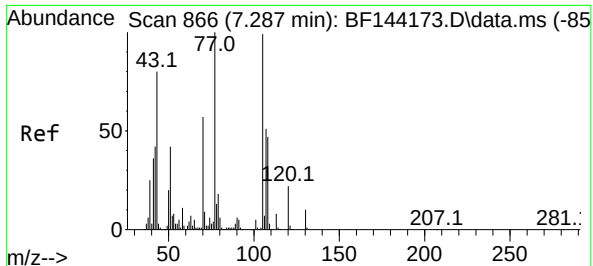
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#18
Hexachloroethane
Concen: 43.646 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:117 Resp: 69026
Ion Ratio Lower Upper
117 100
119 91.5 75.8 113.8
201 119.1 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 44.143 ng

RT: 7.281 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF144245.D

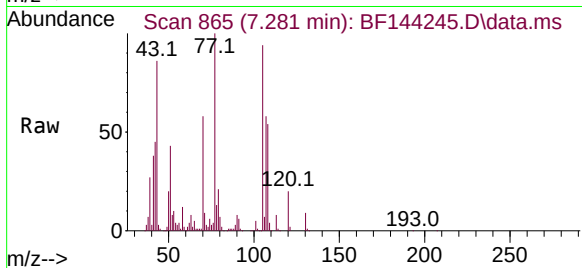
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS



Tgt Ion: 70 Resp: 129284

Ion Ratio Lower Upper

70 100

42 78.2 58.3 87.5

101 9.0 7.0 10.6

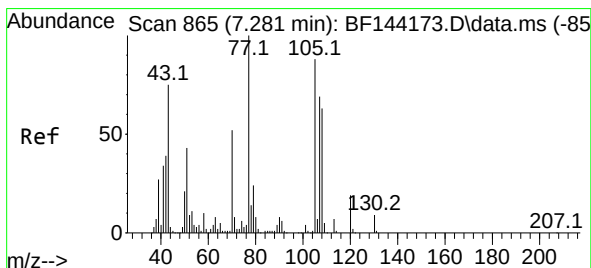
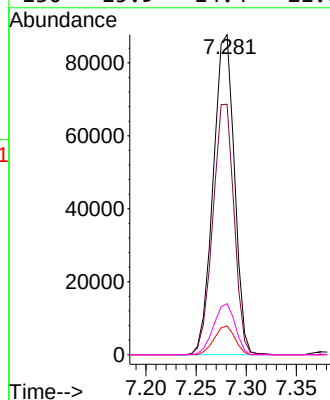
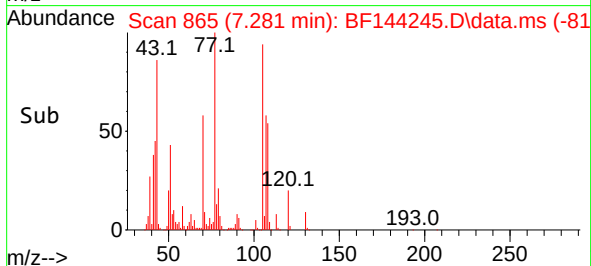
130 15.9 14.4 21.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

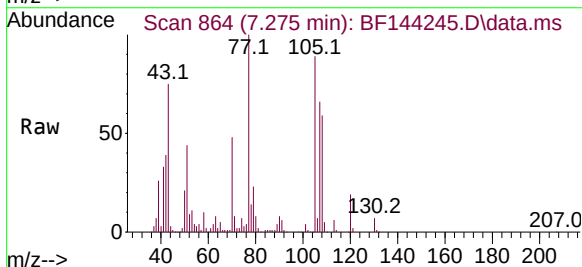
Concen: 43.032 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55



Tgt Ion:107 Resp: 155390

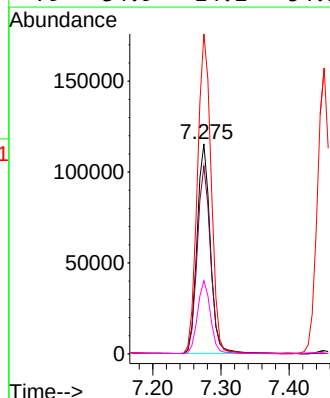
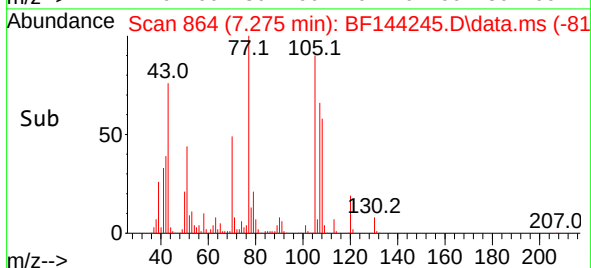
Ion Ratio Lower Upper

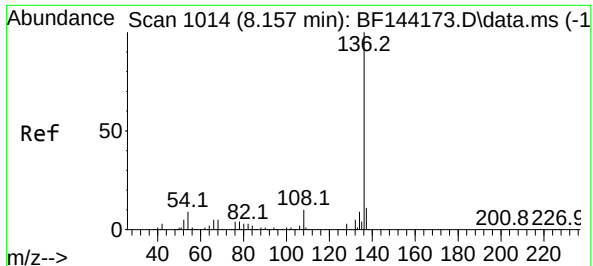
107 100

108 89.4 70.2 110.2

77 152.4 123.9 163.9

79 34.9 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:136 Resp: 24345

Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.3 7.0 10.6

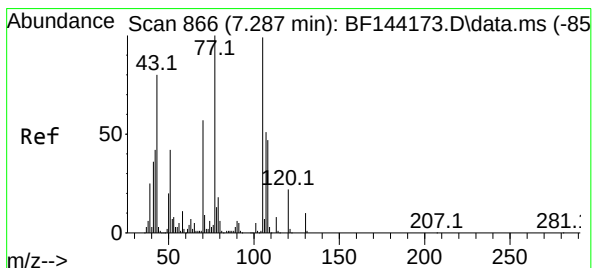
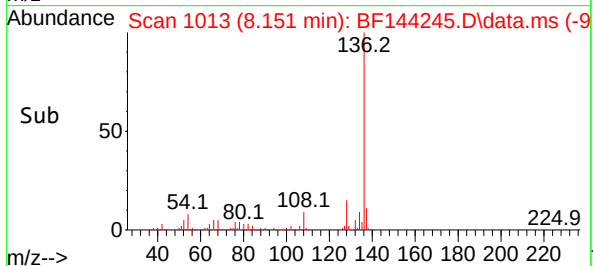
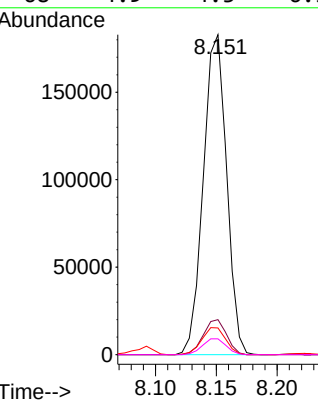
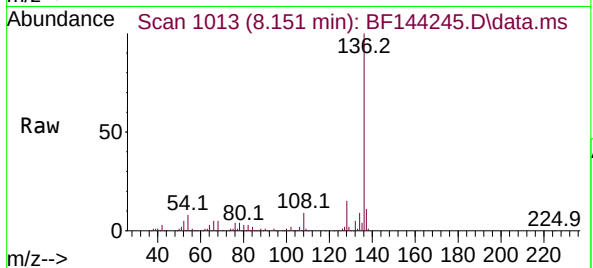
68 4.9 4.3 6.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#22

Acetophenone

Concen: 42.871 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Tgt Ion:105 Resp: 223896

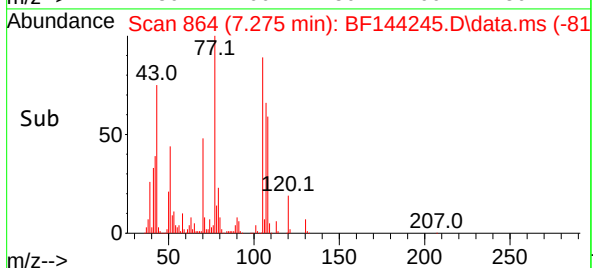
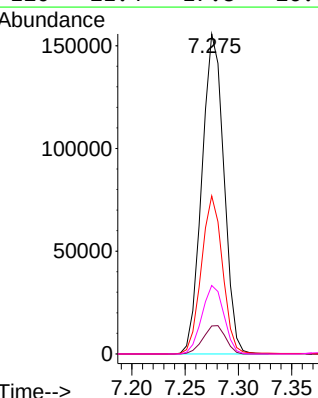
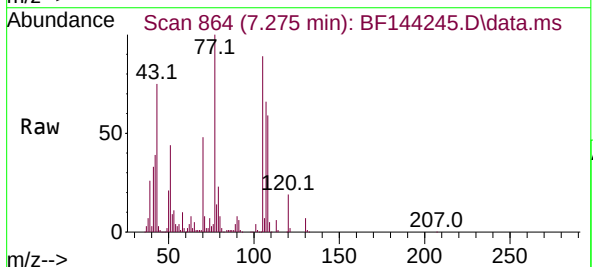
Ion Ratio Lower Upper

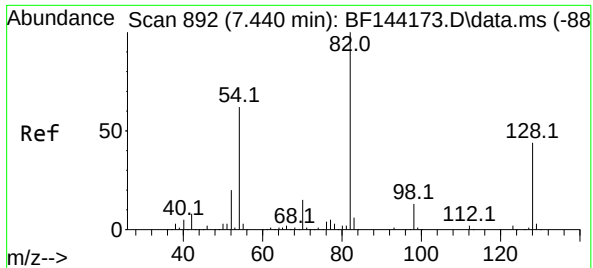
105 100

71 8.7 7.2 10.8

51 49.4 34.0 51.0

120 21.4 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.169 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion: 82 Resp: 35058

Ion Ratio Lower Upper

82 100

128 42.6 34.7 52.1

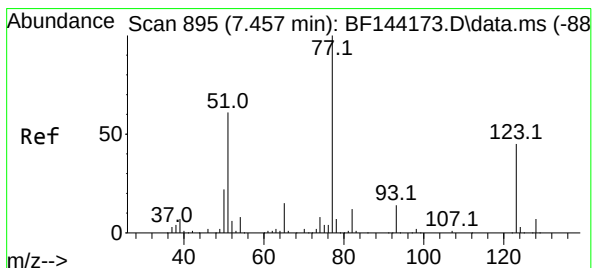
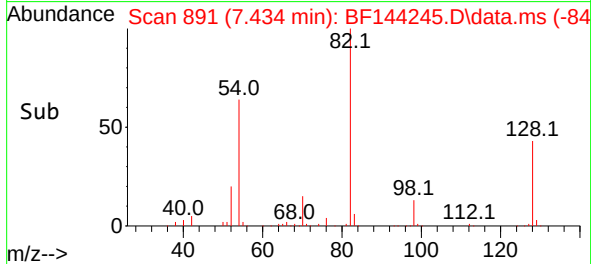
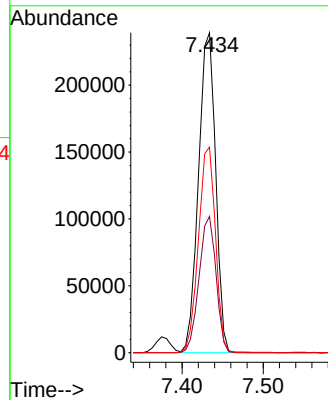
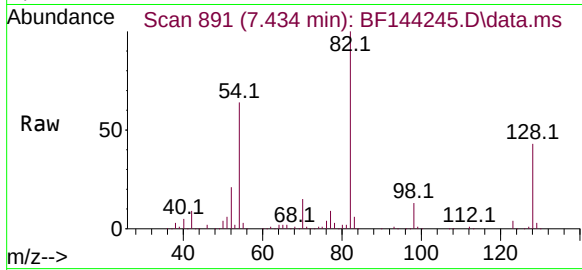
54 64.2 49.5 74.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 42.710 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

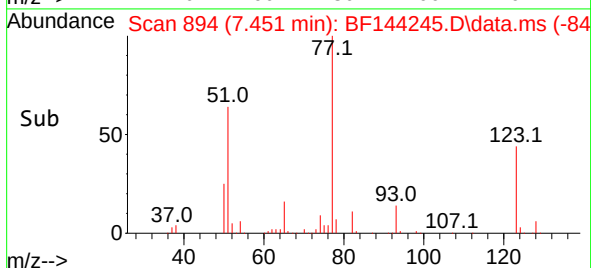
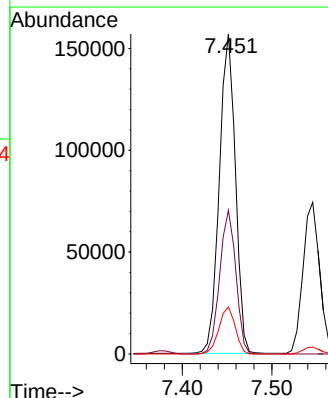
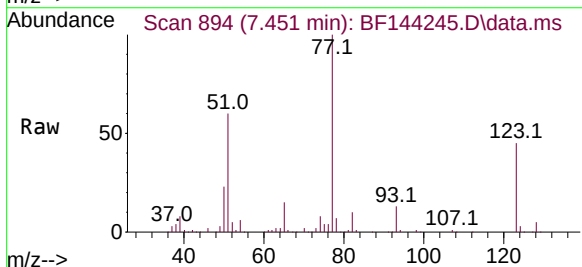
Tgt Ion: 77 Resp: 195475

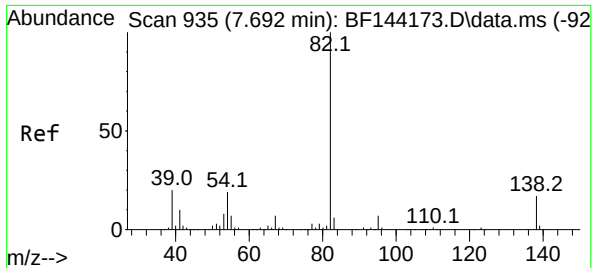
Ion Ratio Lower Upper

77 100

123 44.9 35.8 53.8

65 14.7 12.2 18.2





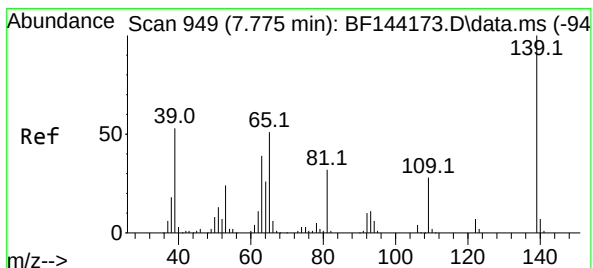
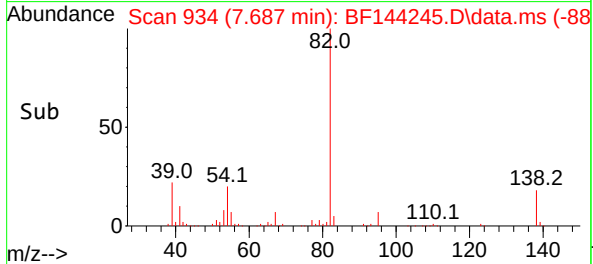
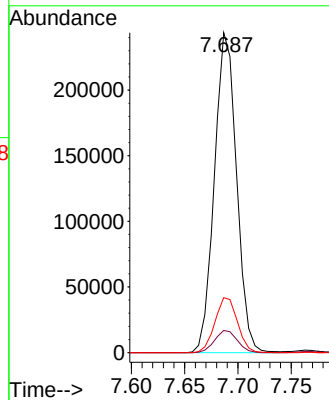
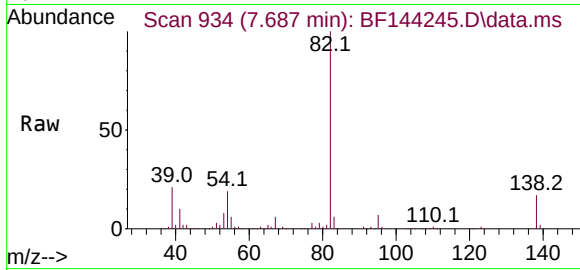
#25
Isophorone
Concen: 44.357 ng
RT: 7.687 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion: 82 Resp: 353672
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.2 13.7 20.5

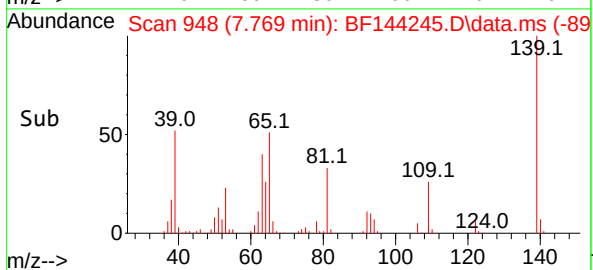
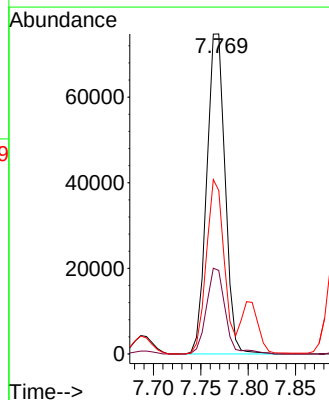
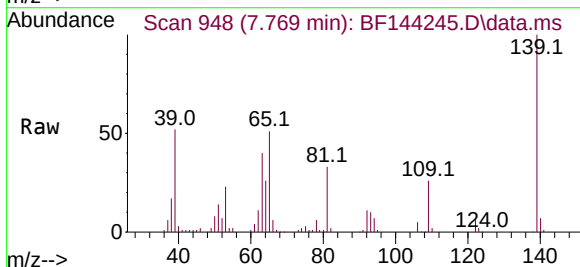
Manual Integrations
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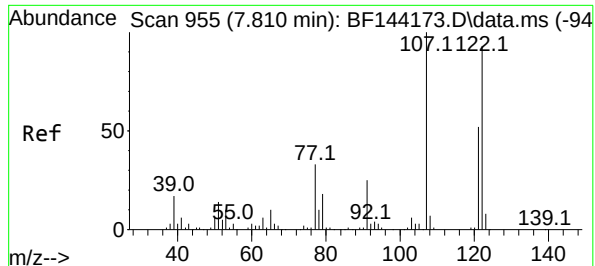
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26
2-Nitrophenol
Concen: 44.620 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:139 Resp: 101091
Ion Ratio Lower Upper
139 100
109 26.1 22.2 33.2
65 51.1 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 48.380 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:122 Resp: 164286

Ion Ratio Lower Upper

122 100

107 109.4 86.2 129.4

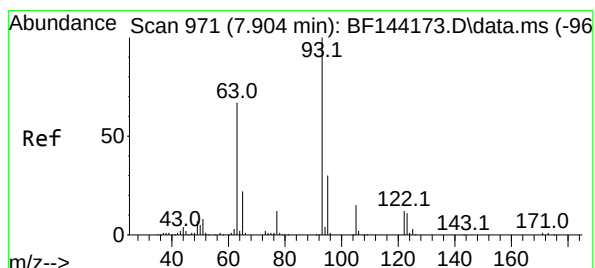
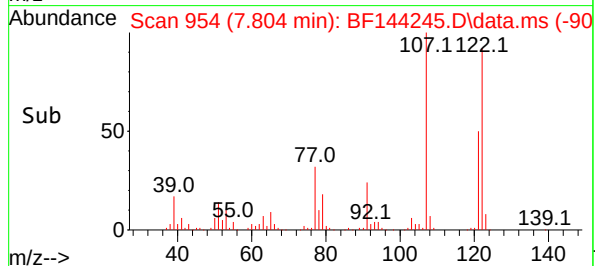
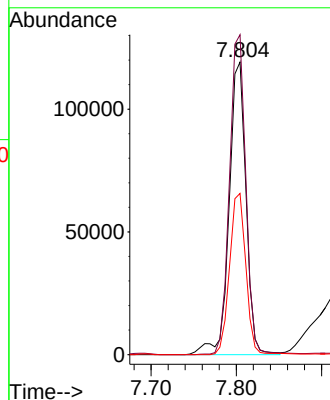
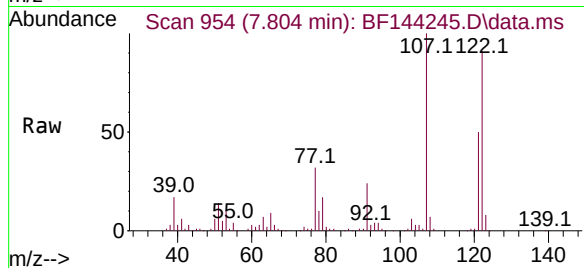
121 55.1 44.6 66.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.120 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

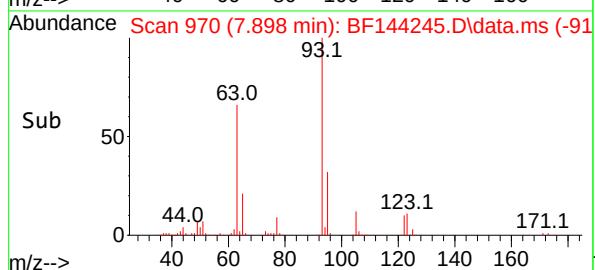
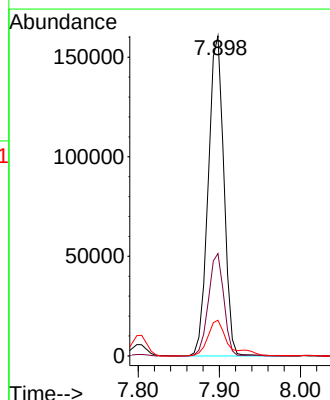
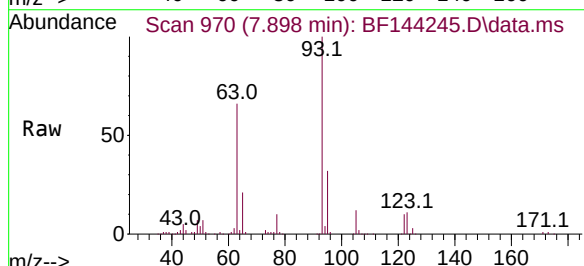
Tgt Ion: 93 Resp: 214693

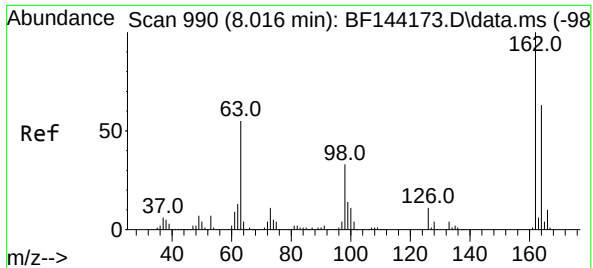
Ion Ratio Lower Upper

93 100

95 32.0 24.2 36.4

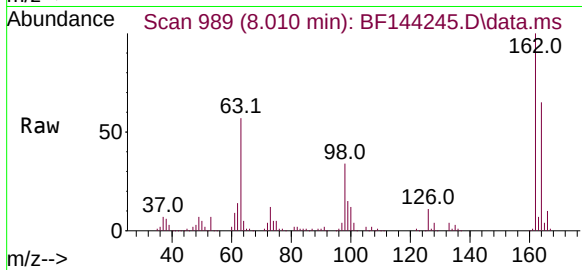
123 11.1 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 40.801 ng
RT: 8.010 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

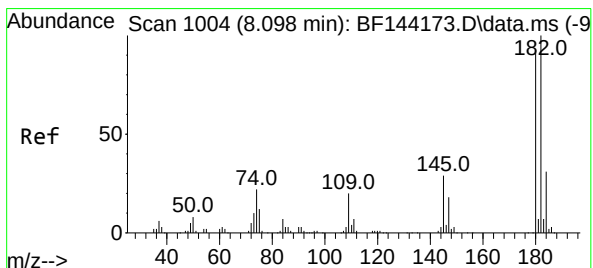
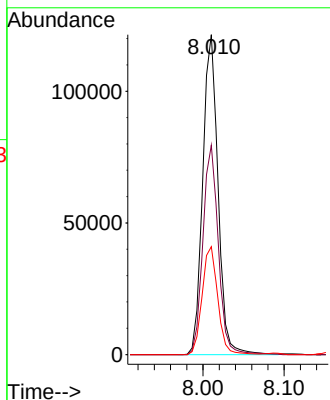
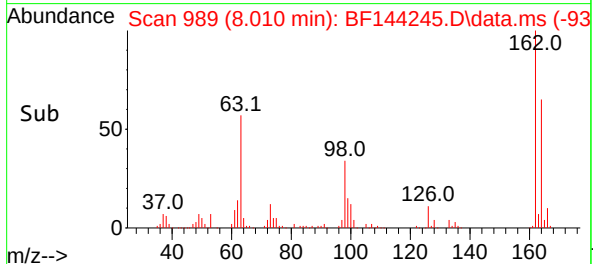
Instrument :
BNA_F
ClientSampleId :
PB170473BS



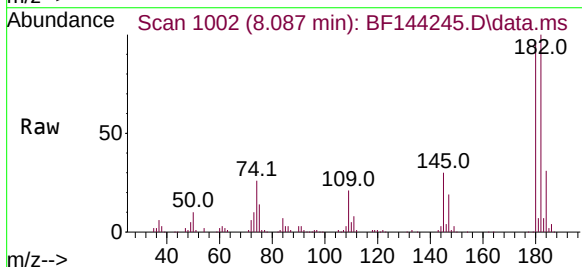
Tgt Ion:162 Resp: 159696
Ion Ratio Lower Upper
162 100
164 65.4 42.9 82.9
98 33.7 13.3 53.3

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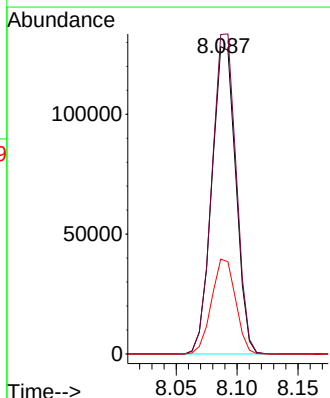
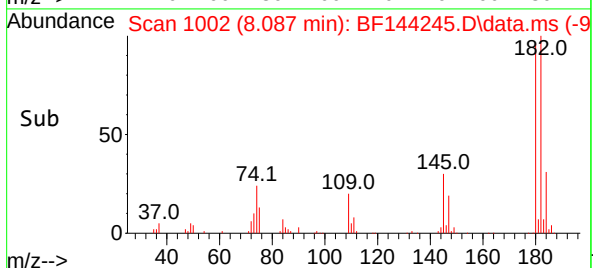
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

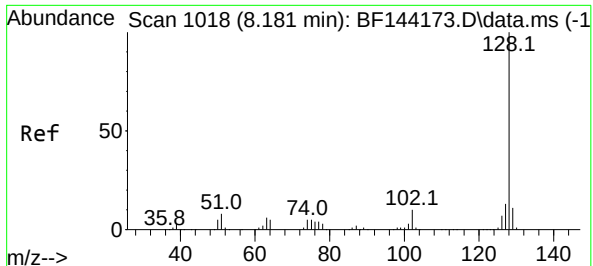


#30
1,2,4-Trichlorobenzene
Concen: 43.734 ng
RT: 8.087 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:180 Resp: 175763
Ion Ratio Lower Upper
180 100
182 103.9 87.7 131.5
145 30.8 25.4 38.0





#31

Naphthalene

Concen: 41.638 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:128 Resp: 482201

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

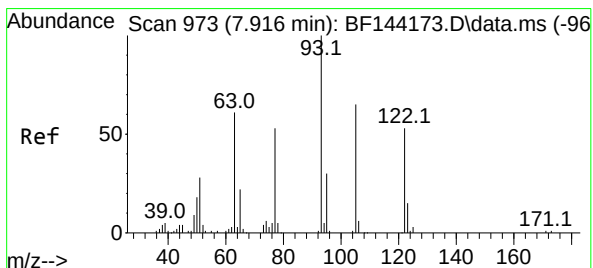
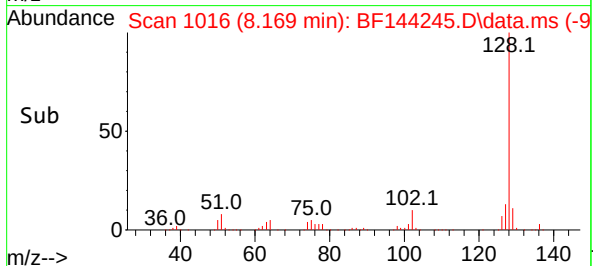
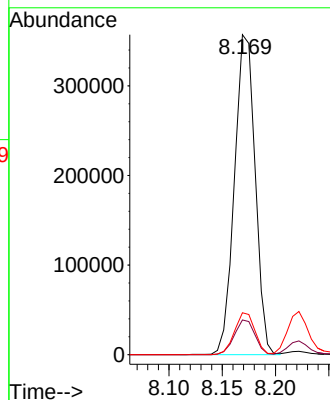
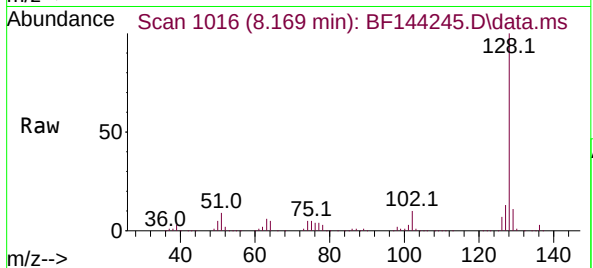
127 13.1 10.3 15.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#32

Benzoic acid

Concen: 42.959 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.018 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

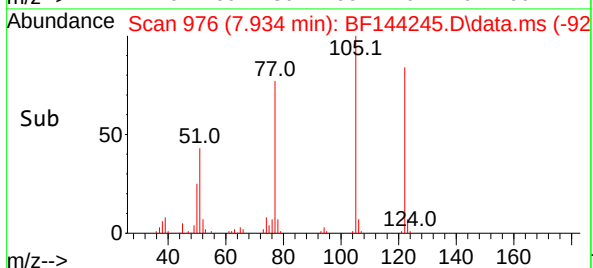
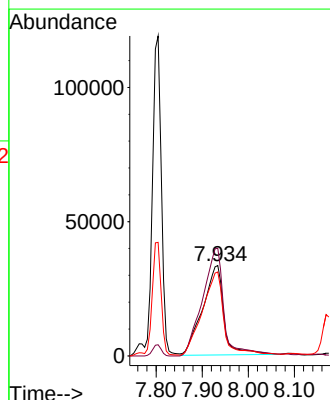
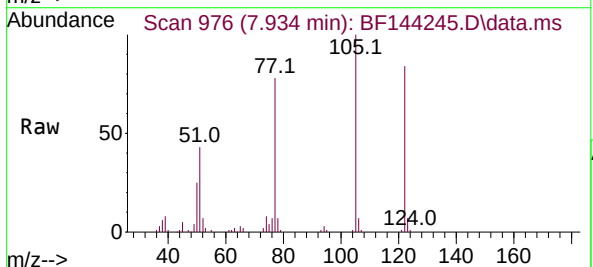
Tgt Ion:122 Resp: 106932

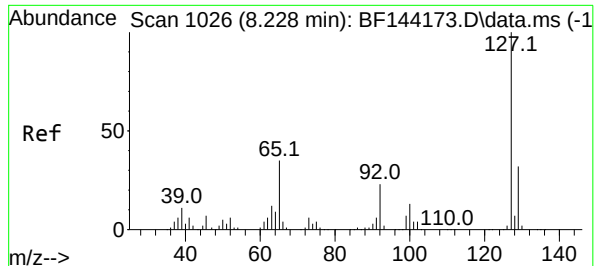
Ion Ratio Lower Upper

122 100

105 119.1 99.9 139.9

77 92.9 77.5 117.5





#33

4-Chloroaniline

Concen: 16.504 ng

RT: 8.222 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:127 Resp: 69710

Ion Ratio Lower Upper

127 100

129 31.8 25.3 37.9

65 34.5 27.6 41.4

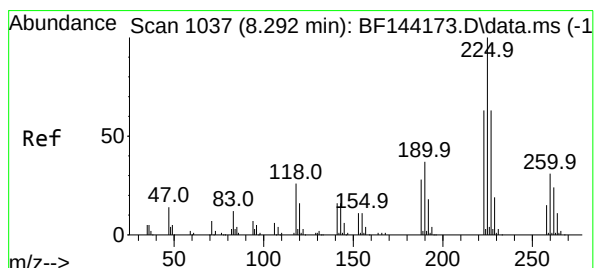
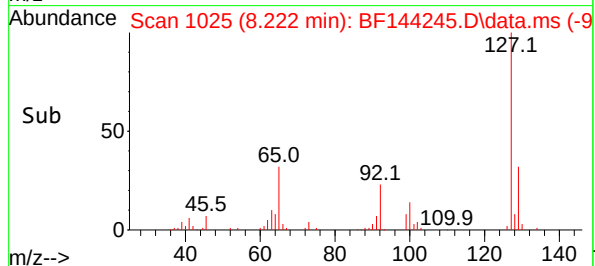
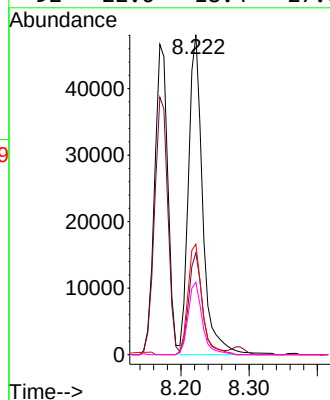
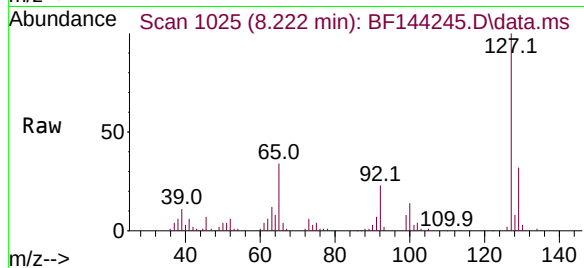
92 22.6 18.4 27.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#34

Hexachlorobutadiene

Concen: 40.166 ng

RT: 8.287 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

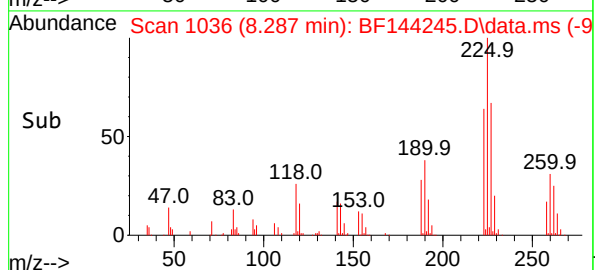
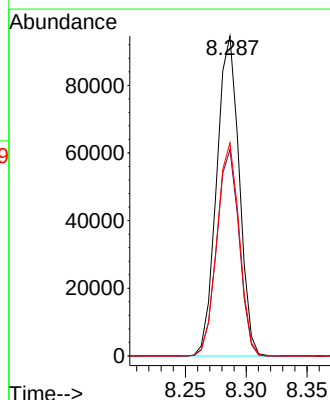
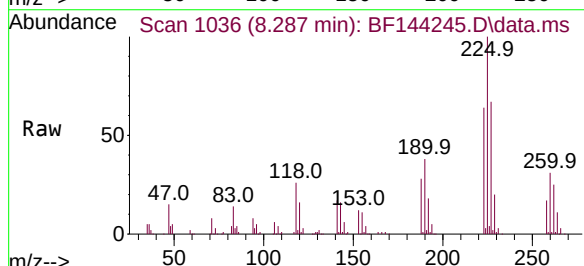
Tgt Ion:225 Resp: 121656

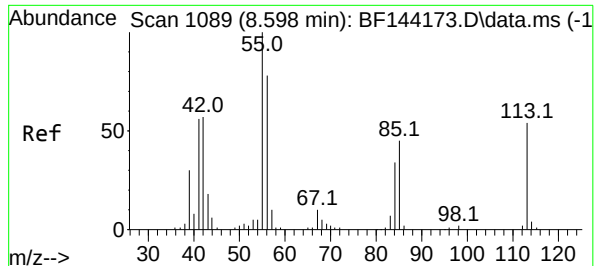
Ion Ratio Lower Upper

225 100

223 64.5 50.2 75.4

227 66.6 50.1 75.1





#35

Caprolactam

Concen: 45.858 ng m

RT: 8.592 min Scan# 1089

Delta R.T. -0.029 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:113 Resp: 49172

Ion Ratio Lower Upper

113 100

55 190.7 166.8 206.8

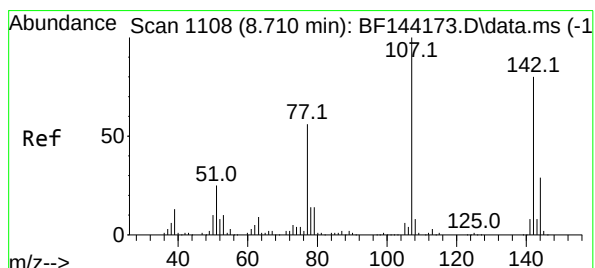
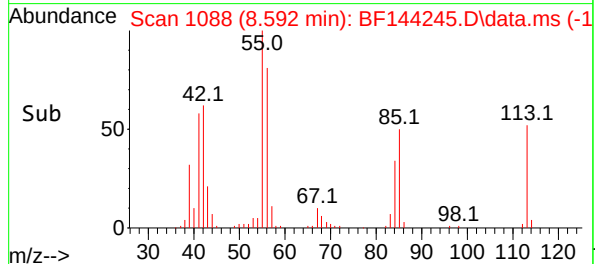
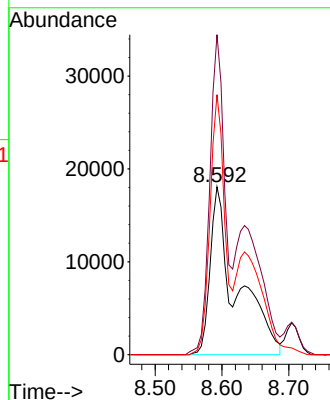
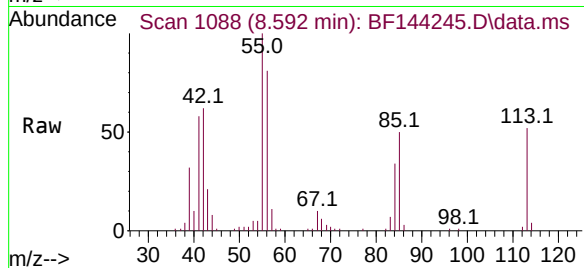
56 154.9 125.9 165.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#36

4-Chloro-3-methylphenol

Concen: 44.274 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

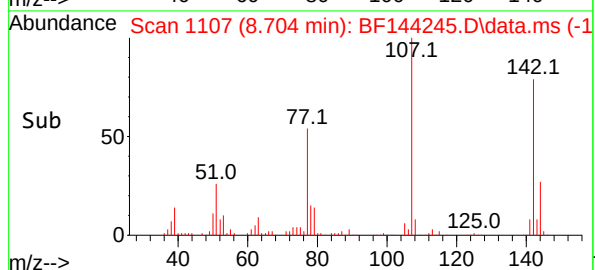
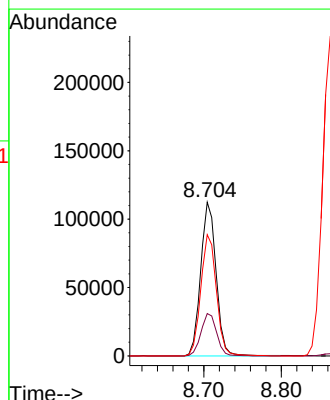
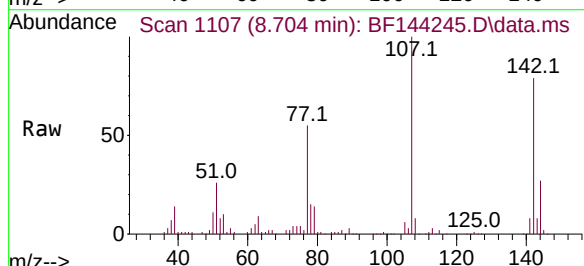
Tgt Ion:107 Resp: 155296

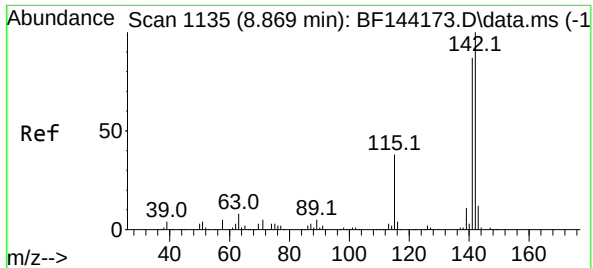
Ion Ratio Lower Upper

107 100

144 27.5 23.3 34.9

142 78.9 63.8 95.6





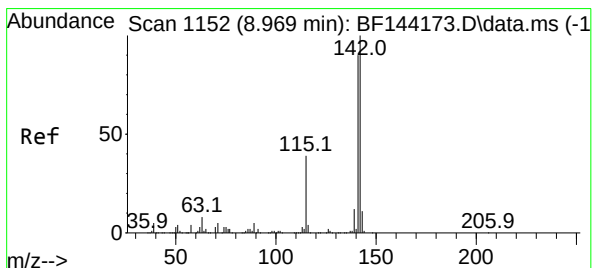
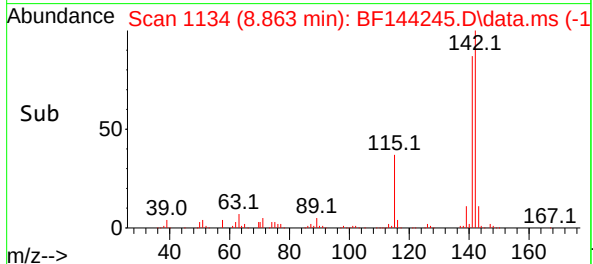
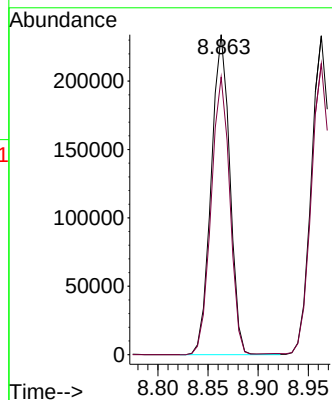
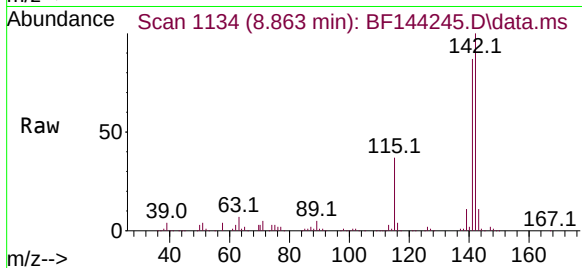
#37
2-Methylnaphthalene
Concen: 39.076 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion:142 Resp: 302563
Ion Ratio Lower Upper
142 100
141 86.7 69.9 104.9

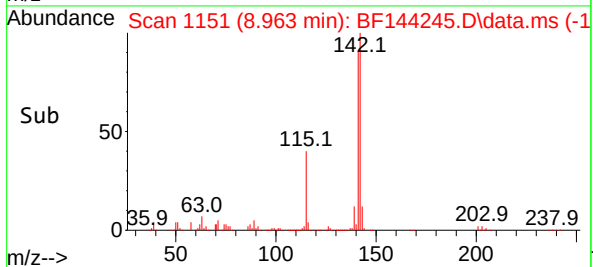
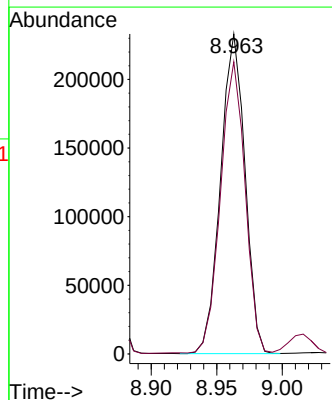
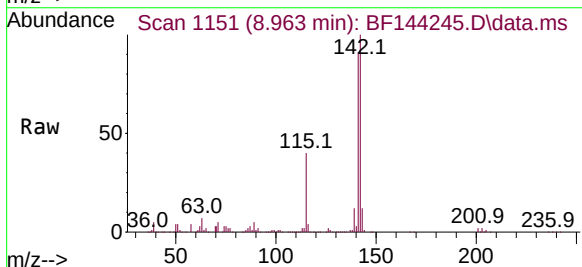
Manual Integrations
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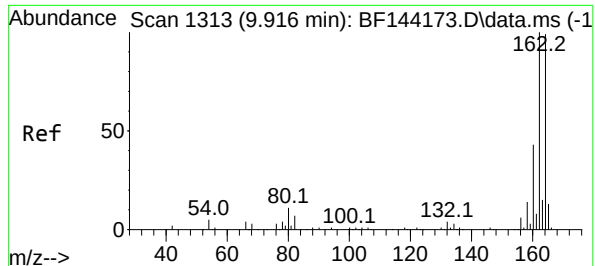
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#38
1-Methylnaphthalene
Concen: 40.470 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:142 Resp: 302350
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF144245.D

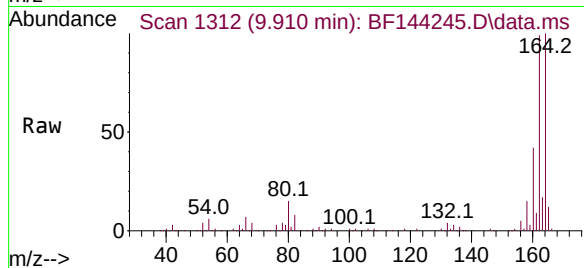
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS



Tgt Ion:164 Resp: 140132

Ion Ratio Lower Upper

164 100

162 99.2 81.1 121.7

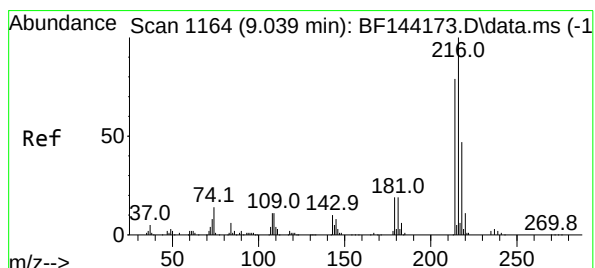
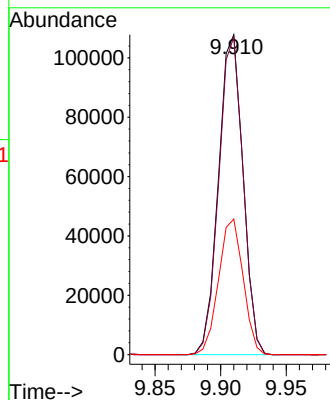
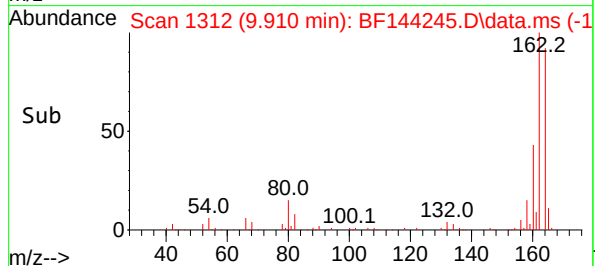
160 42.4 34.5 51.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#40

1,2,4,5-Tetrachlorobenzene

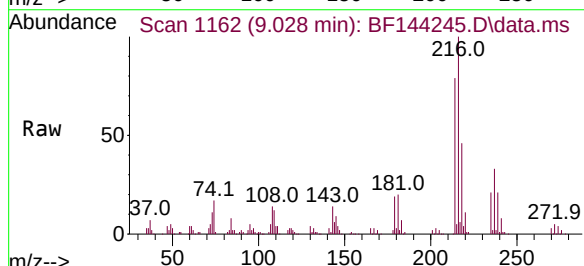
Concen: 40.109 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55



Tgt Ion:216 Resp: 184203

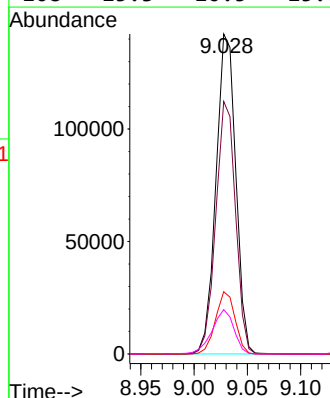
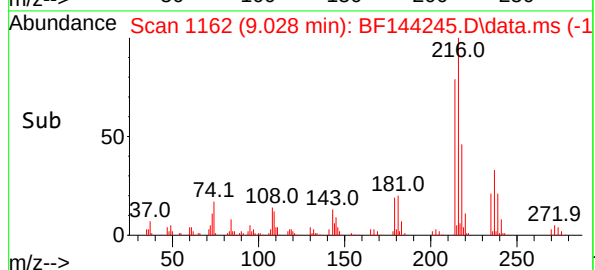
Ion Ratio Lower Upper

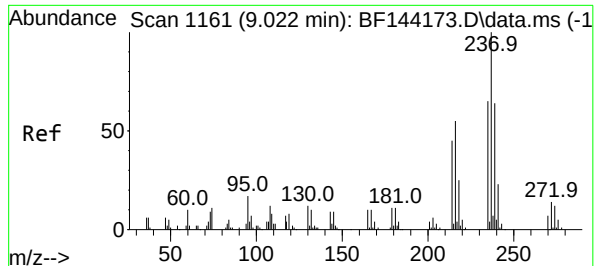
216 100

214 78.4 63.4 95.2

179 19.1 15.0 22.4

108 15.3 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 96.064 ng

RT: 9.016 min Scan# 1161

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:237 Resp: 185990

Ion Ratio Lower Upper

237 100

235 64.2 45.5 85.5

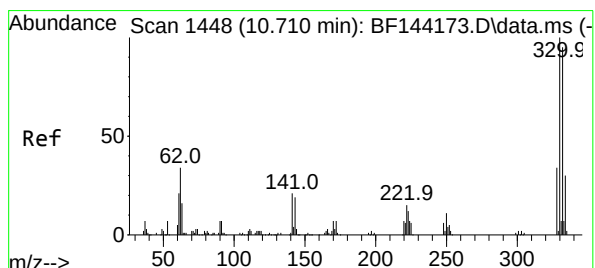
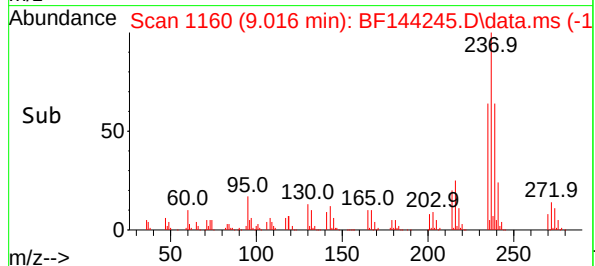
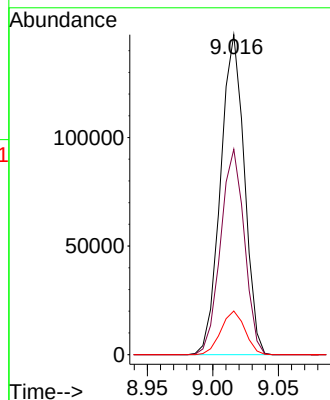
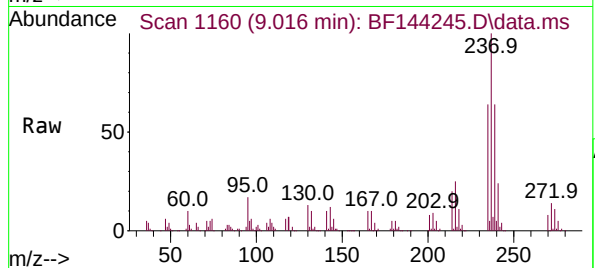
272 13.6 0.0 33.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#42

2,4,6-Tribromophenol

Concen: 122.983 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

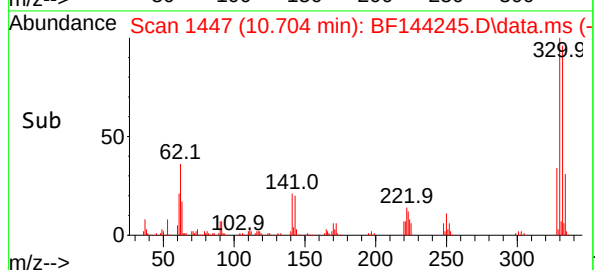
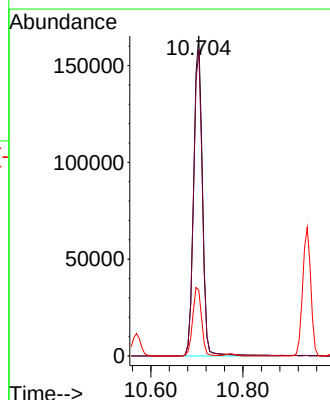
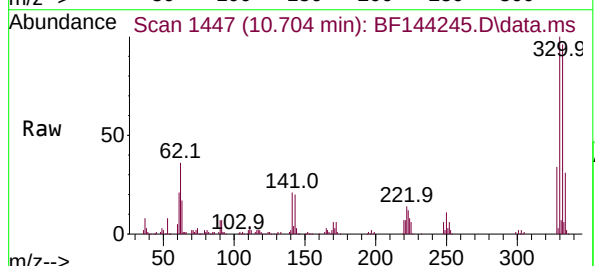
Tgt Ion:330 Resp: 216265

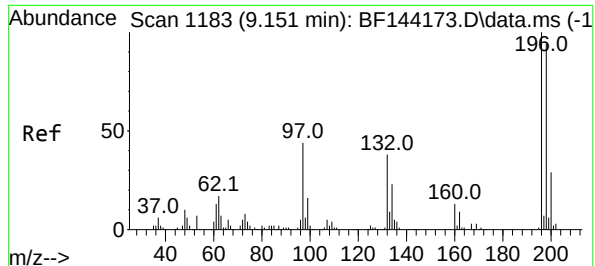
Ion Ratio Lower Upper

330 100

332 95.7 76.7 115.1

141 21.9 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 41.122 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:196 Resp: 128539

Ion Ratio Lower Upper

196 100

198 94.9 75.3 112.9

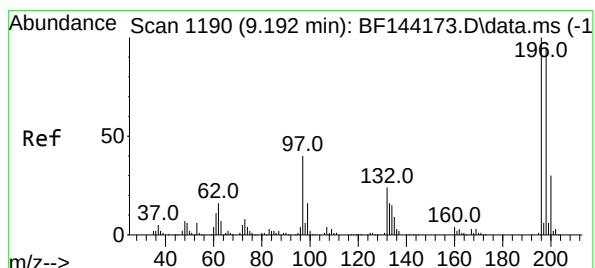
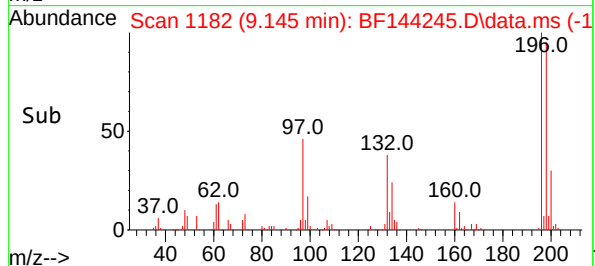
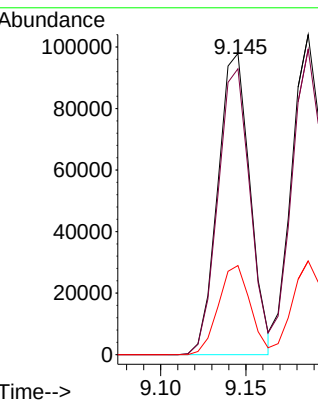
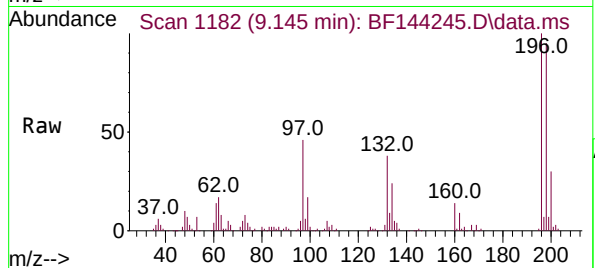
200 29.6 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#44

2,4,5-Trichlorophenol

Concen: 40.694 ng

RT: 9.187 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Tgt Ion:196 Resp: 137095

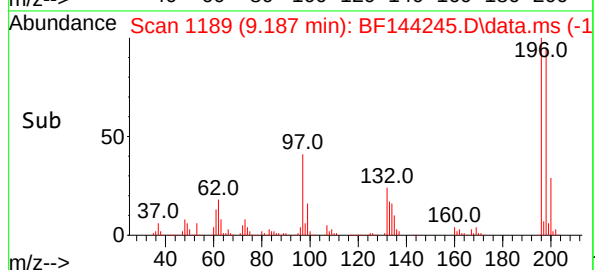
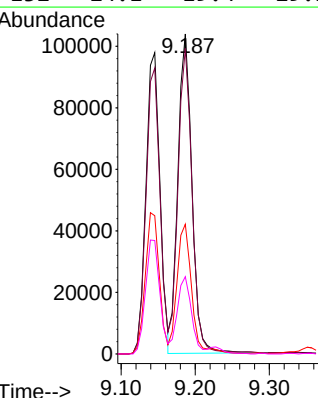
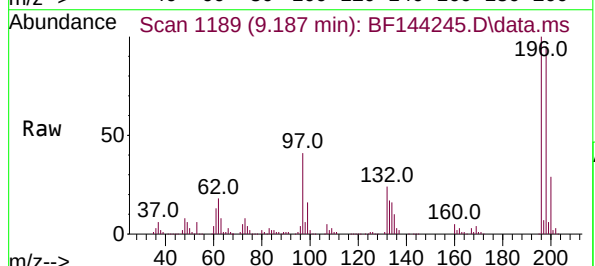
Ion Ratio Lower Upper

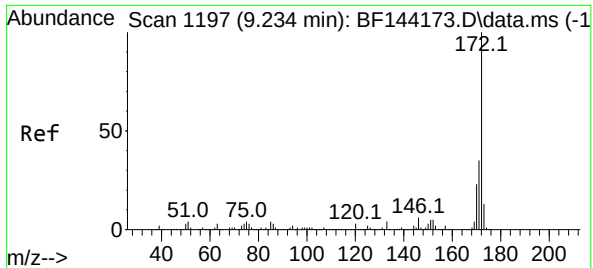
196 100

198 95.4 76.1 114.1

97 40.5 31.9 47.9

132 24.1 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 76.850 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

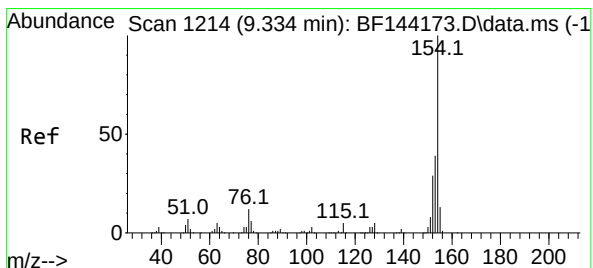
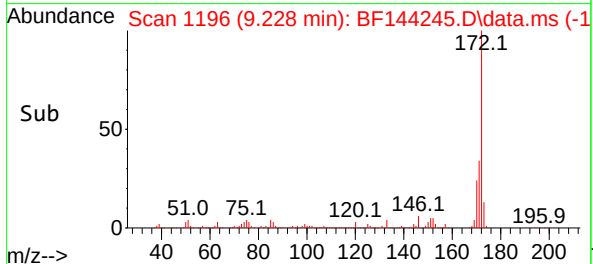
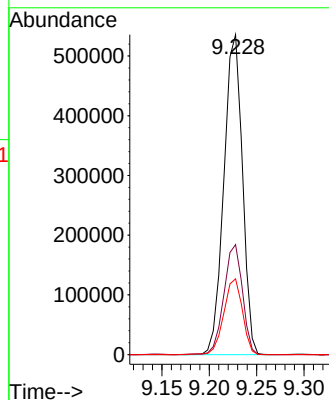
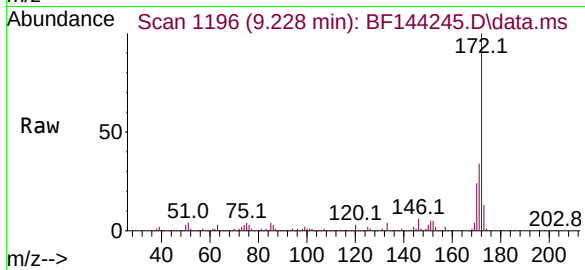
PB170473BS

Tgt Ion:	172	Resp:	729154
Ion Ratio	Lower	Upper	
172	100		
171	34.4	28.1	42.1
170	23.7	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#46

1,1'-Biphenyl

Concen: 42.315 ng

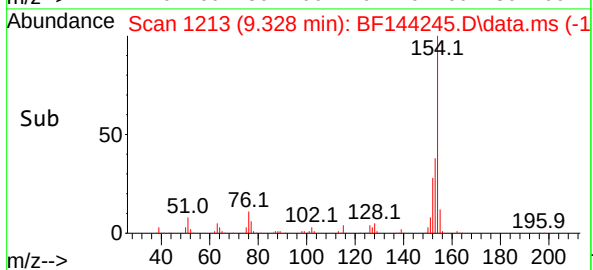
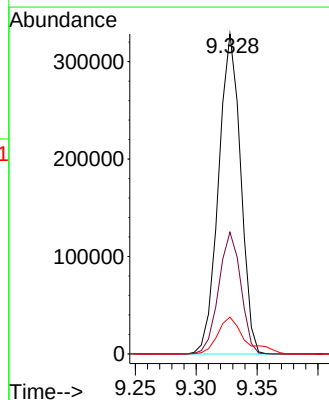
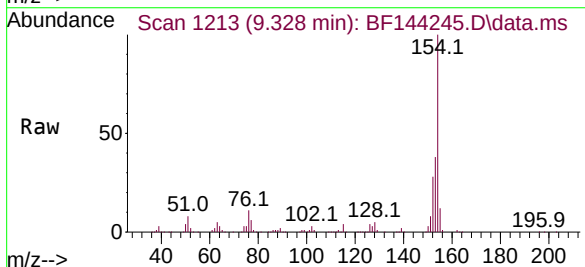
RT: 9.328 min Scan# 1213

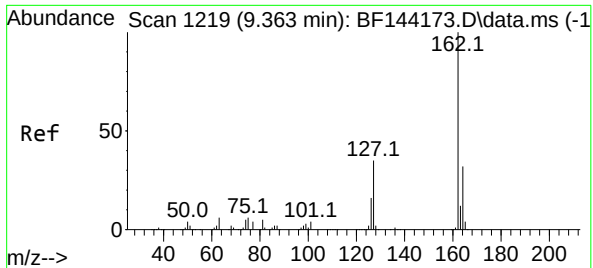
Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Tgt Ion:	154	Resp:	413905
Ion Ratio	Lower	Upper	
154	100		
153	38.0	19.2	59.2
76	11.5	0.0	31.8





#47

2-Chloronaphthalene

Concen: 40.503 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:162 Resp: 337950

Ion Ratio Lower Upper

162 100

127 37.6 28.8 43.2

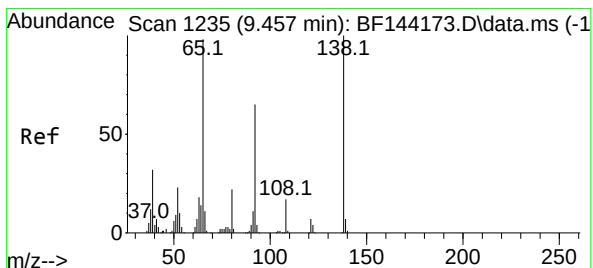
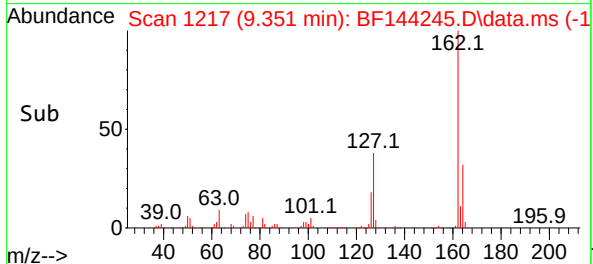
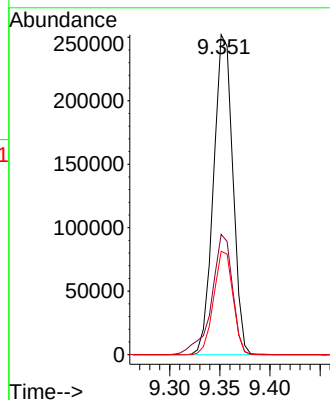
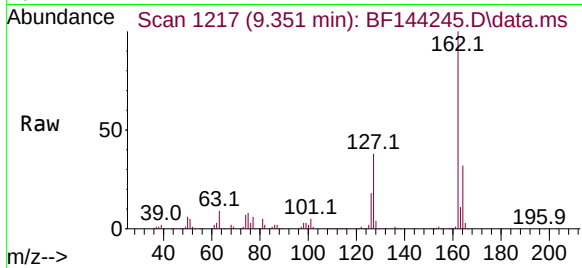
164 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#48

2-Nitroaniline

Concen: 44.928 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

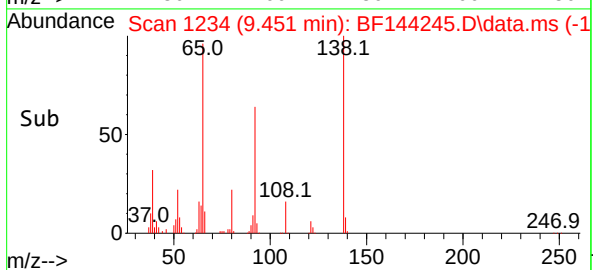
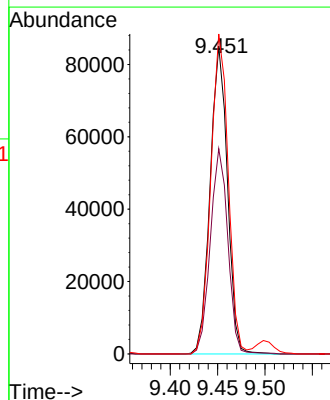
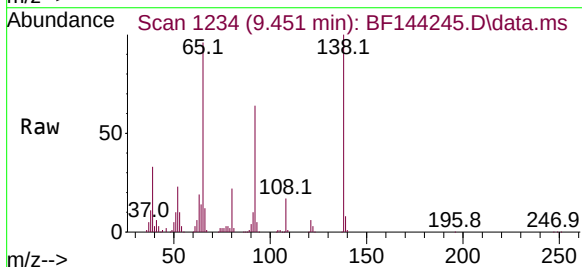
Tgt Ion: 65 Resp: 108163

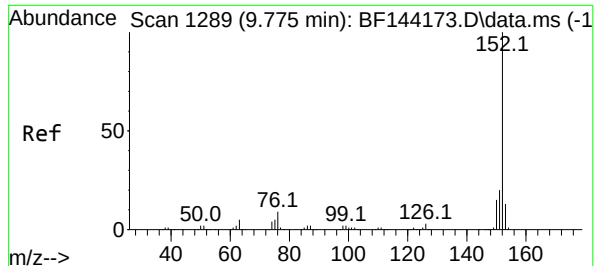
Ion Ratio Lower Upper

65 100

92 66.7 53.0 79.6

138 104.0 81.6 122.4





#49

Acenaphthylene

Concen: 46.877 ng

RT: 9.769 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:152 Resp: 533014

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

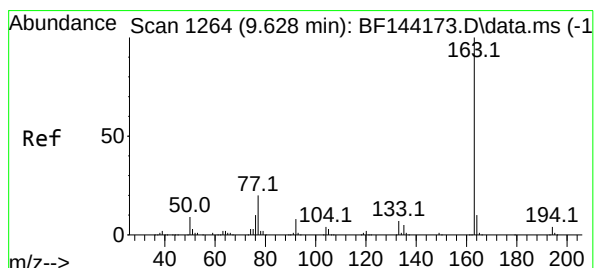
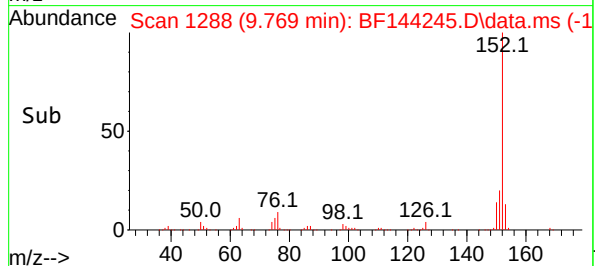
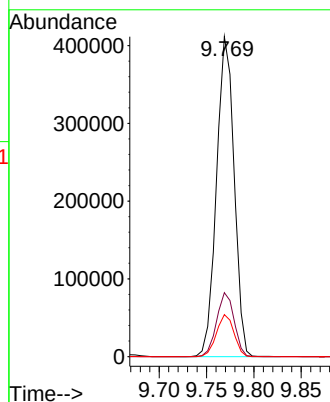
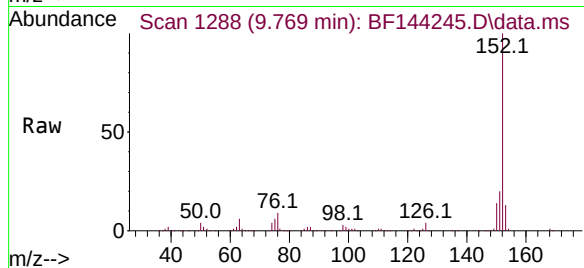
153 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

Concen: 43.686 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

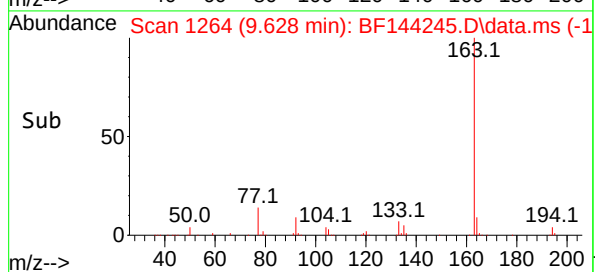
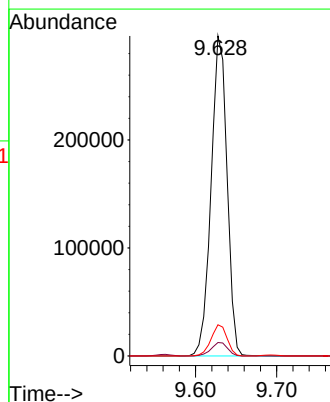
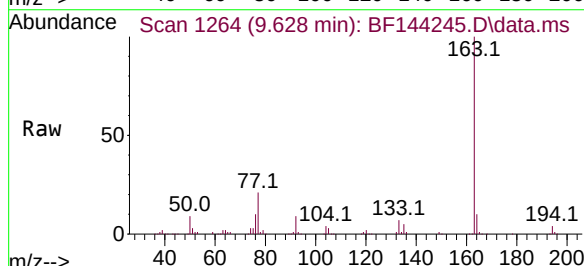
Tgt Ion:163 Resp: 405560

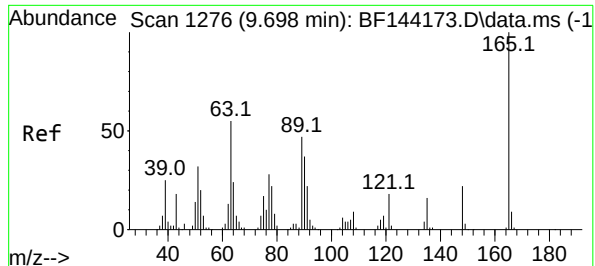
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

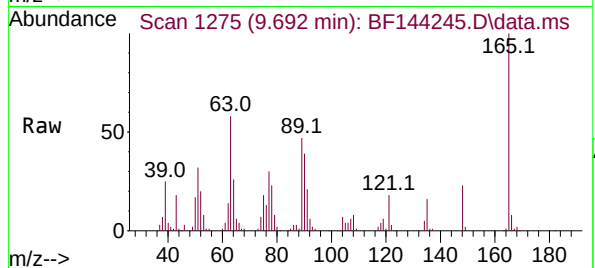
164 9.7 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.646 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

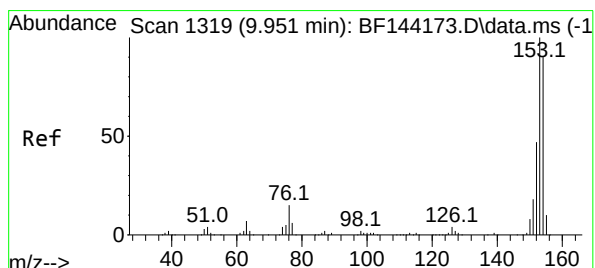
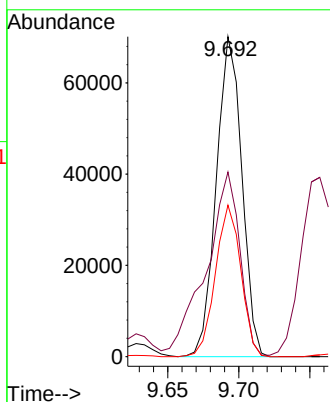
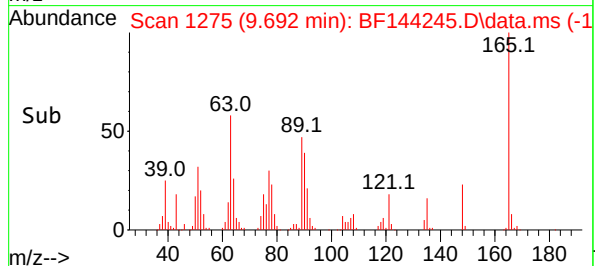
Instrument :
BNA_F
ClientSampleId :
PB170473BS



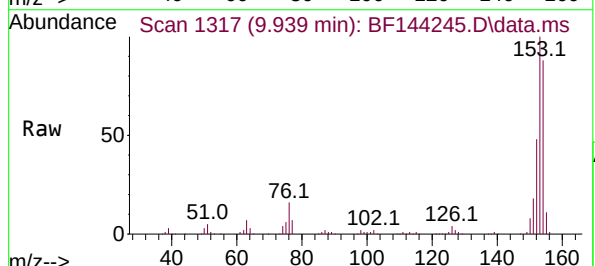
Tgt Ion:165 Resp: 87663
Ion Ratio Lower Upper
165 100
63 57.7 43.8 65.8
89 47.3 37.5 56.3

Manual Integrations
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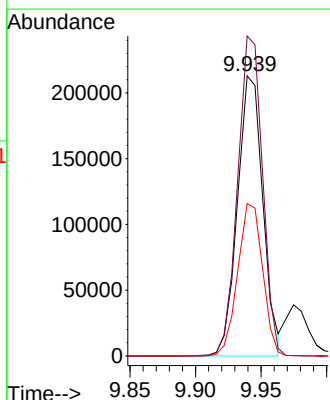
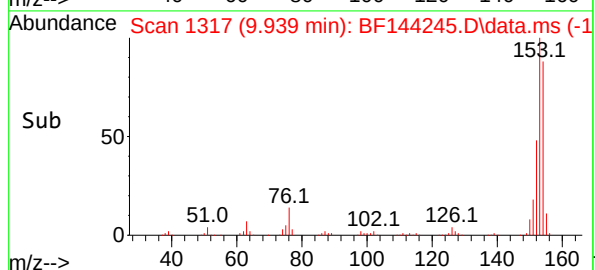
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

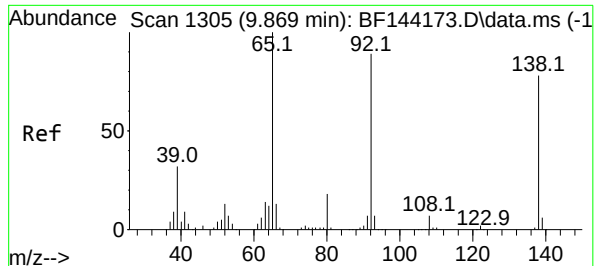


#52
Acenaphthene
Concen: 37.646 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:154 Resp: 286244
Ion Ratio Lower Upper
154 100
153 114.3 89.0 133.4
152 54.3 42.2 63.4





#53

3-Nitroaniline

Concen: 26.020 ng

RT: 9.863 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

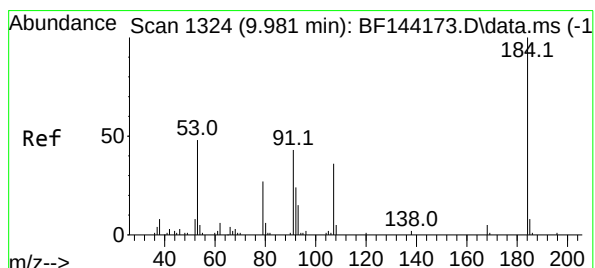
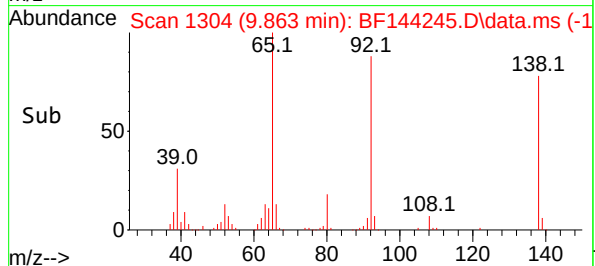
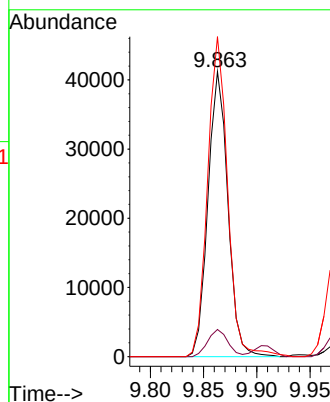
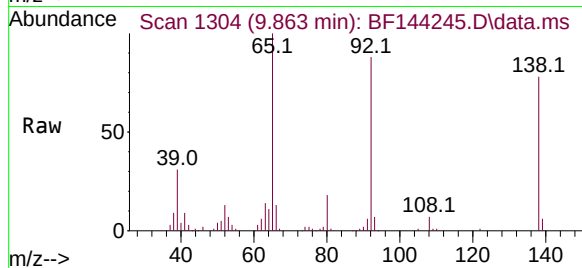
Tgt Ion:138 Resp: 5345

Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.5	11.3
92	112.2	91.8	137.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#54

2,4-Dinitrophenol

Concen: 93.073 ng

RT: 9.975 min Scan# 1323

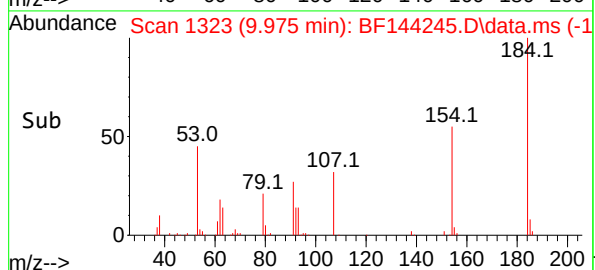
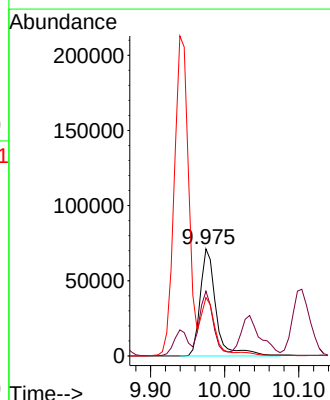
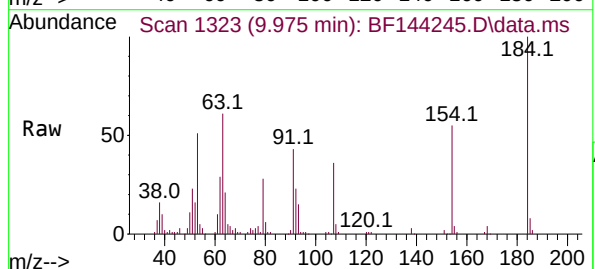
Delta R.T. -0.012 min

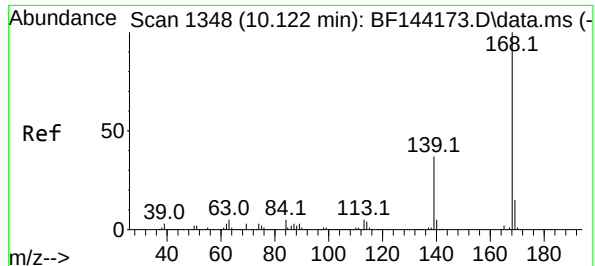
Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Tgt Ion:184 Resp: 105620

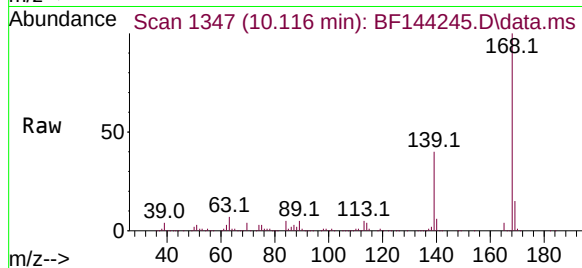
Ion	Ratio	Lower	Upper
184	100		
63	60.6	44.0	66.0
154	54.6	42.4	63.6





#55
Dibenzenofuran
Concen: 40.396 ng
RT: 10.116 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

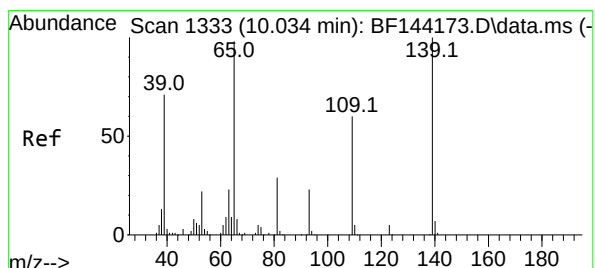
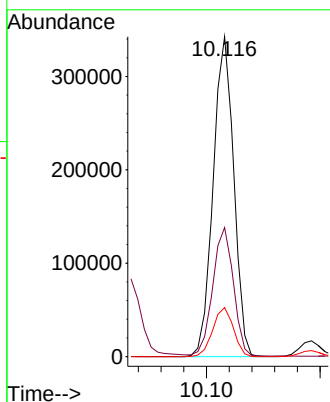
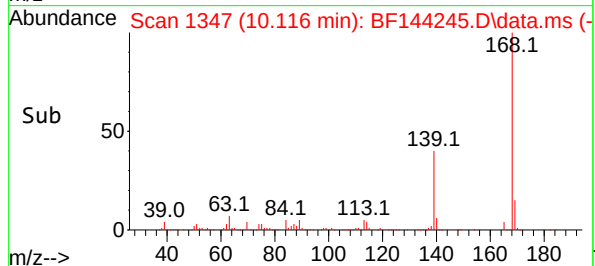
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:168 Resp: 430172
Ion Ratio Lower Upper
168 100
139 40.3 30.2 45.2
169 15.4 12.2 18.4

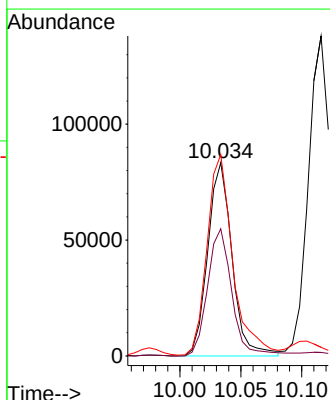
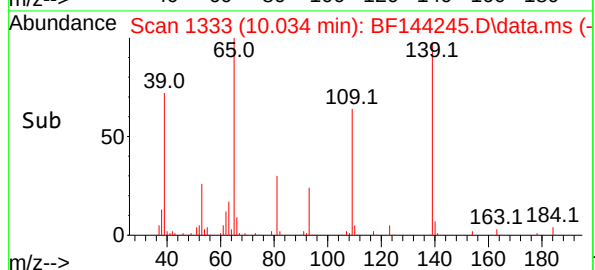
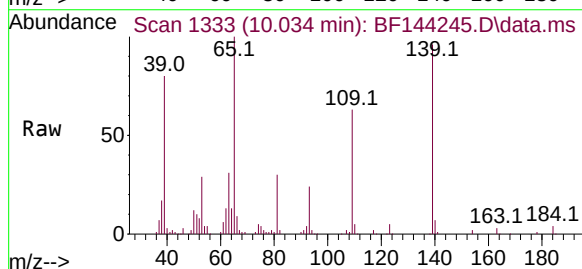
Manual Integrations
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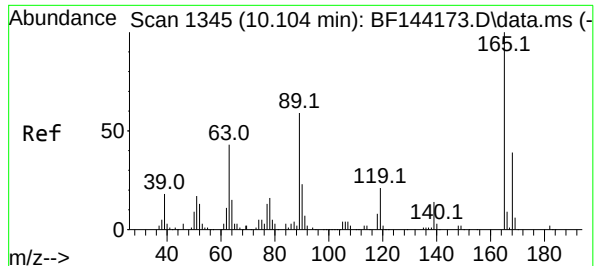
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#56
4-Nitrophenol
Concen: 77.783 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:139 Resp: 115588
Ion Ratio Lower Upper
139 100
109 65.8 39.9 79.9
65 104.2 79.5 119.5





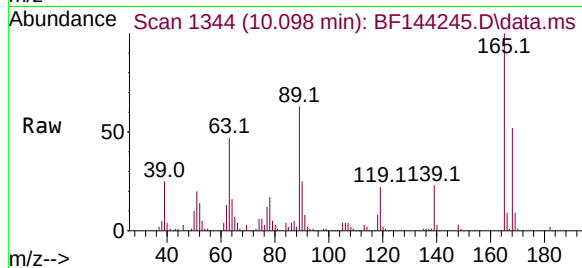
#57
2,4-Dinitrotoluene
Concen: 46.184 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

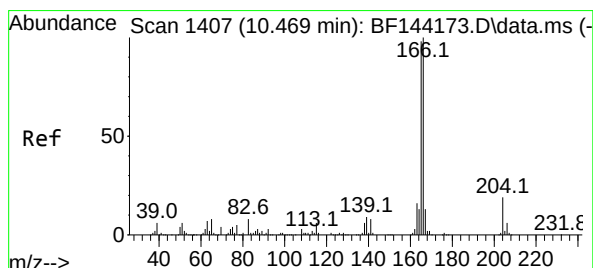
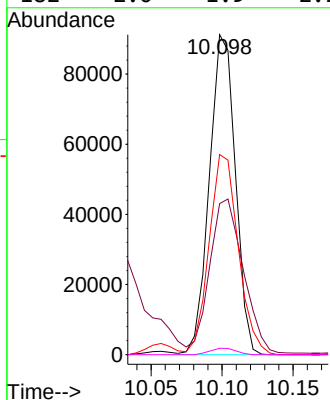
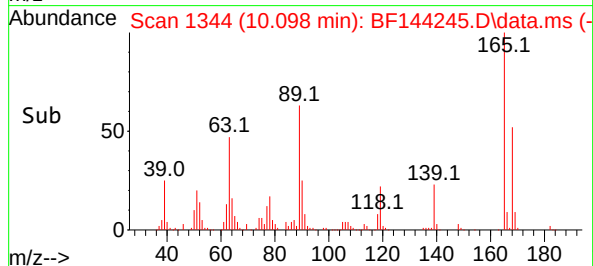


Tgt Ion:165 Resp: 116188
Ion Ratio Lower Upper
165 100
63 47.2 35.5 53.3
89 62.5 47.4 71.2
182 2.0 1.9 2.9

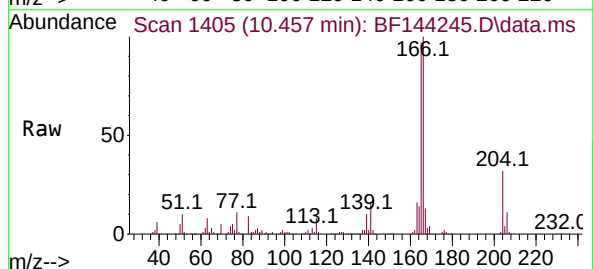
Manual Integrations

APPROVED

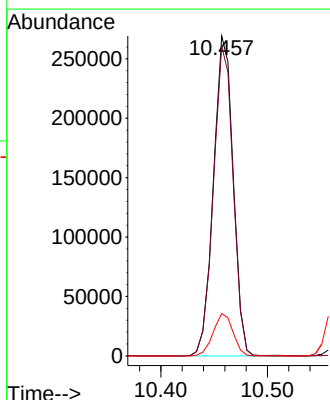
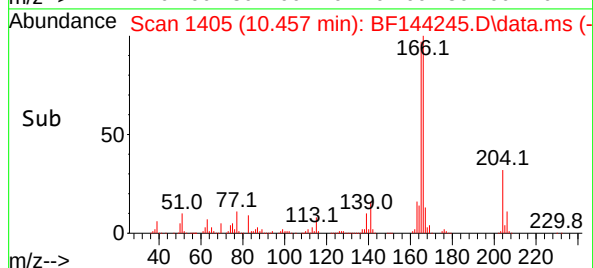
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

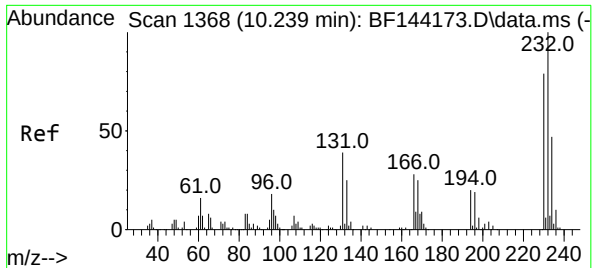


#58
Fluorene
Concen: 42.784 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



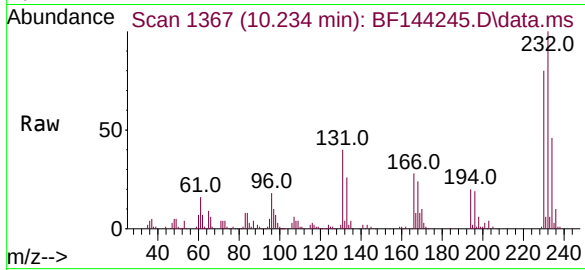
Tgt Ion:166 Resp: 346406
Ion Ratio Lower Upper
166 100
165 96.8 78.6 118.0
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.234 ng
RT: 10.234 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

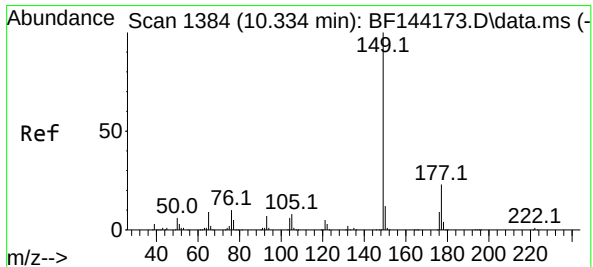
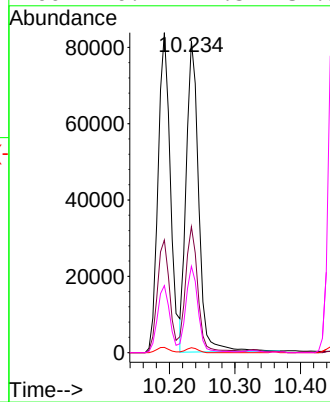
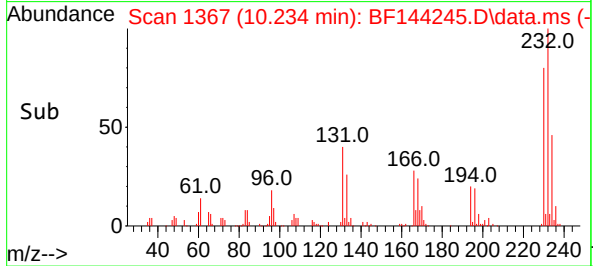
Instrument :
BNA_F
ClientSampleId :
PB170473BS



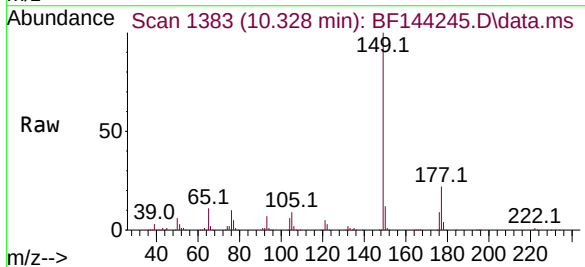
Tgt Ion:232 Resp: 107816
Ion Ratio Lower Upper
232 100
131 41.3 30.3 45.5
130 1.5 1.2 1.8
166 26.9 21.5 32.3

Manual Integrations
APPROVED

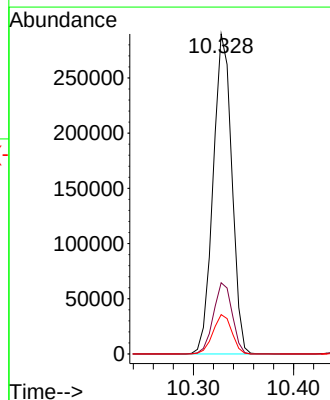
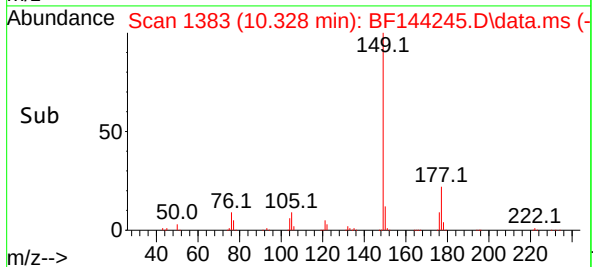
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

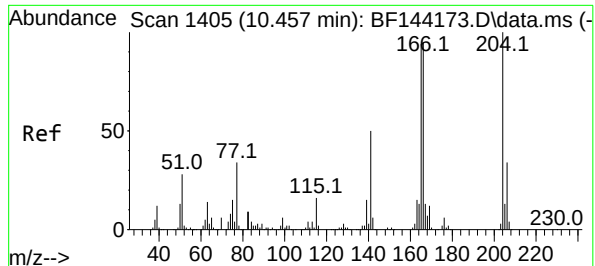


#60
Diethylphthalate
Concen: 43.734 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



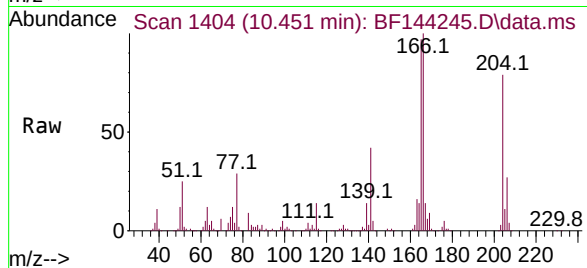
Tgt Ion:149 Resp: 374276
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.3 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 40.526 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

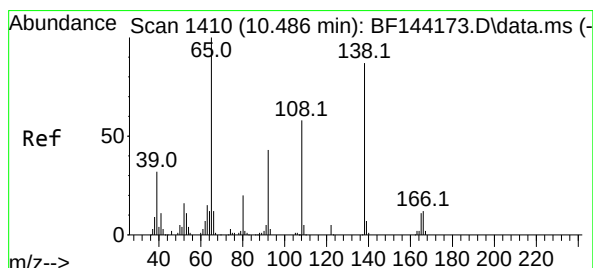
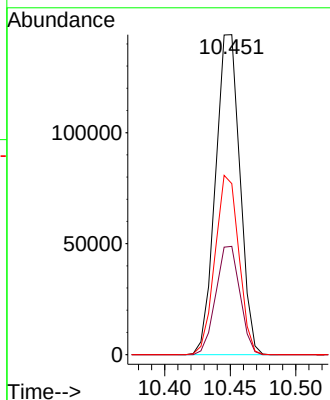
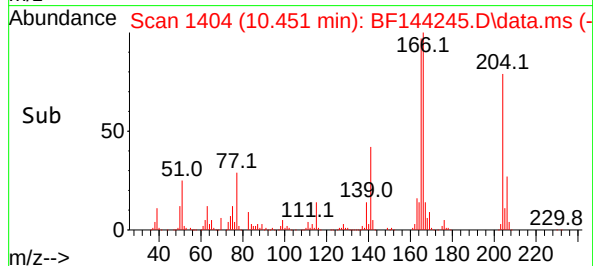
Instrument :
BNA_F
ClientSampleId :
PB170473BS



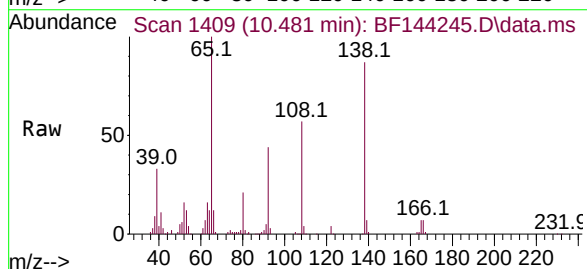
Tgt Ion:204 Resp: 186905
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 53.4 40.0 60.0

Manual Integrations
APPROVED

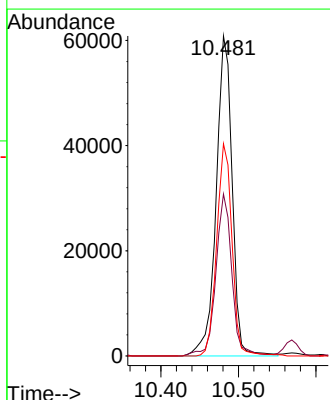
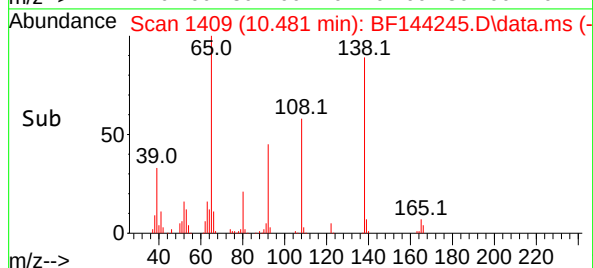
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

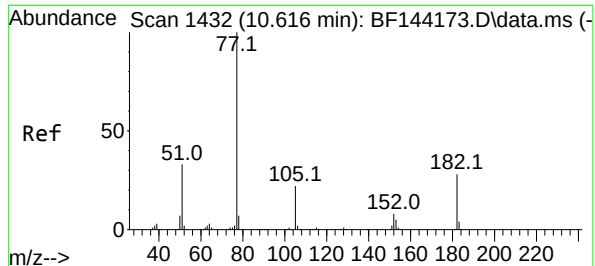


#62
4-Nitroaniline
Concen: 44.639 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



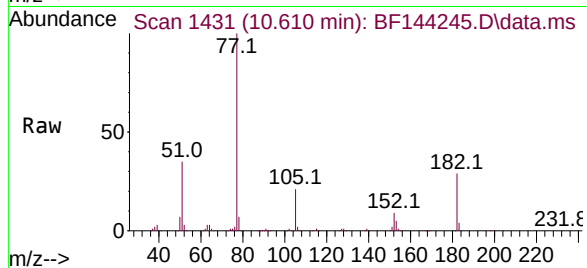
Tgt Ion:138 Resp: 87332
Ion Ratio Lower Upper
138 100
92 50.6 29.4 69.4
108 66.3 46.4 86.4





#63
Azobenzene
Concen: 45.196 ng
RT: 10.610 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

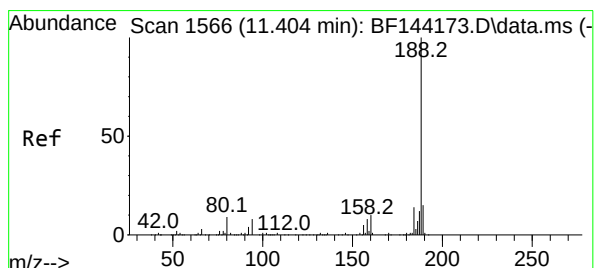
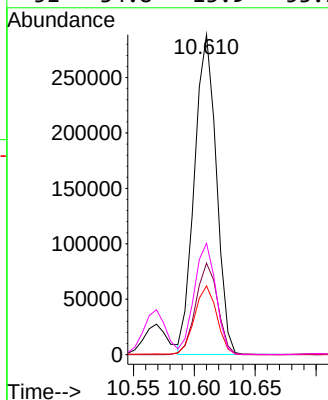
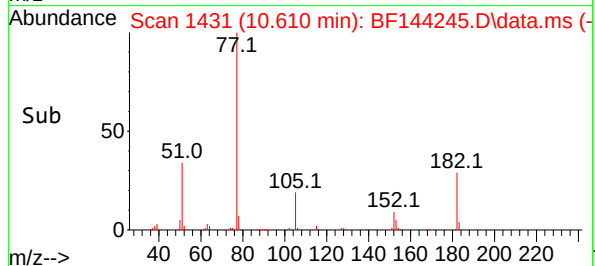
Instrument :
BNA_F
ClientSampleId :
PB170473BS



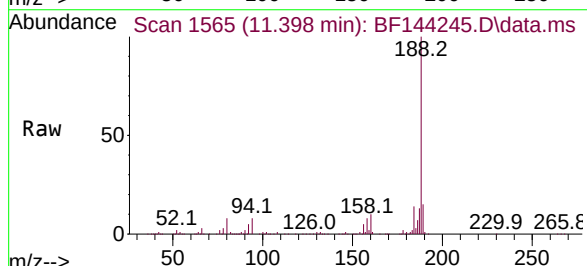
Tgt Ion: 77 Resp: 359970
Ion Ratio Lower Upper
77 100
182 28.6 8.1 48.1
105 21.5 2.0 42.0
51 34.8 13.9 53.9

Manual Integrations
APPROVED

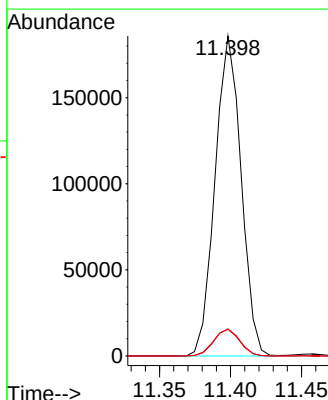
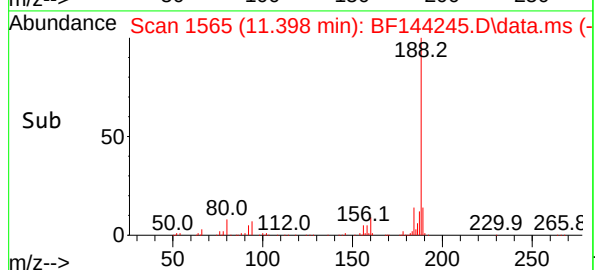
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

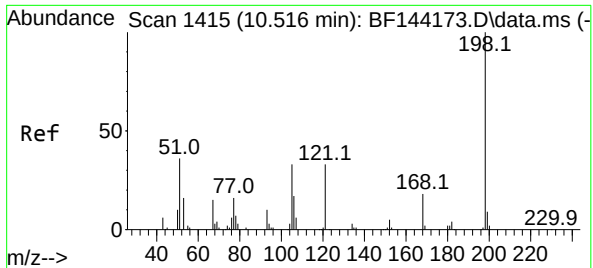


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:188 Resp: 236951
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.3 6.9 10.3





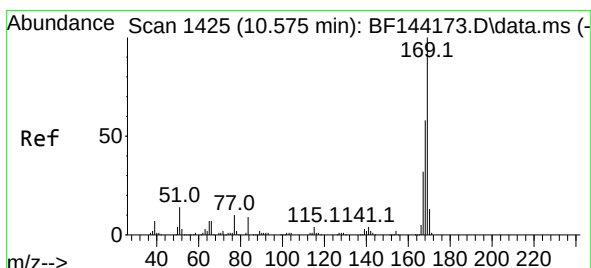
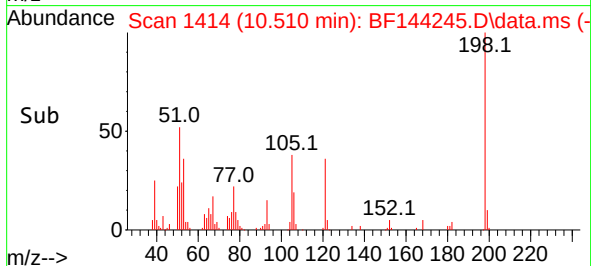
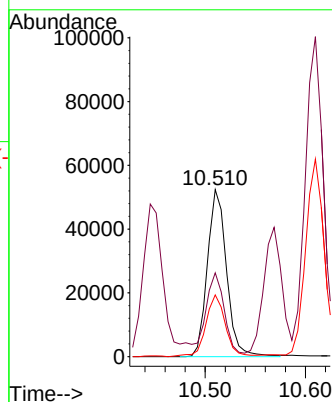
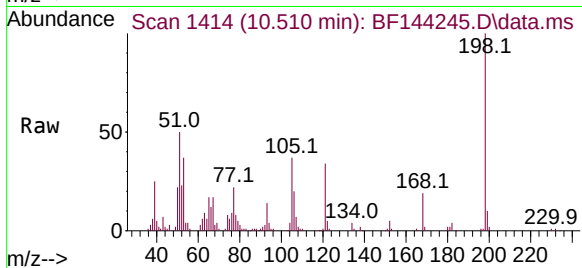
#65
4,6-Dinitro-2-methylphenol
Concen: 43.140 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion:198 Resp: 69443
Ion Ratio Lower Upper
198 100
51 50.2 25.6 65.6
105 37.0 14.6 54.6

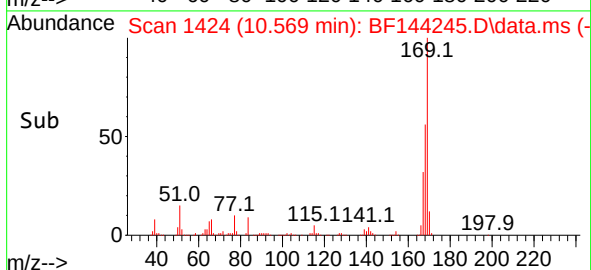
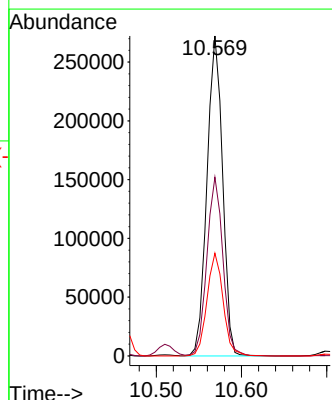
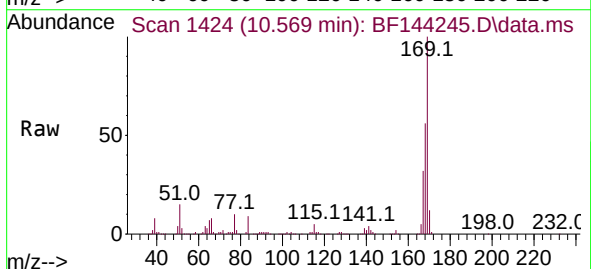
Manual Integrations
APPROVED

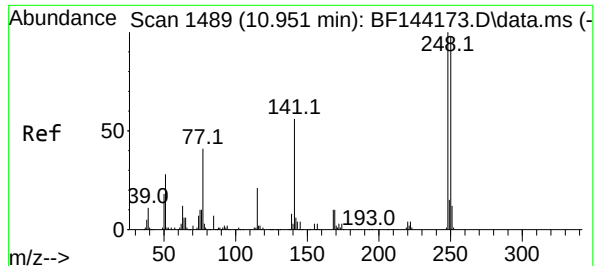
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 45.387 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

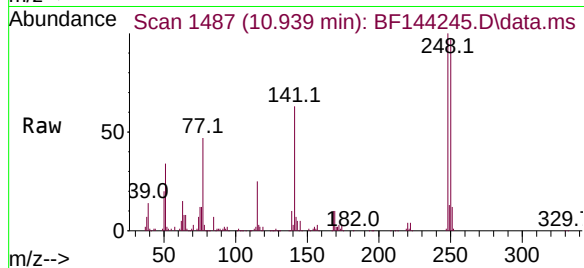
Tgt Ion:169 Resp: 345895
Ion Ratio Lower Upper
169 100
168 55.8 46.2 69.2
167 32.1 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 42.683 ng
RT: 10.939 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

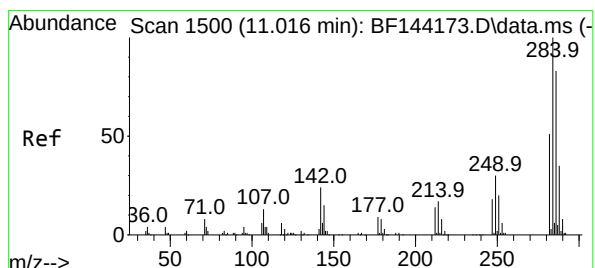
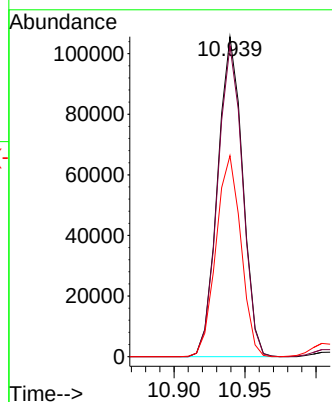
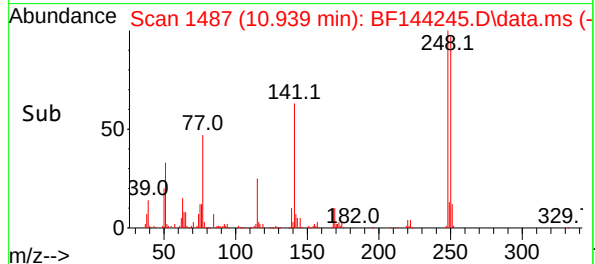
Instrument :
BNA_F
ClientSampleId :
PB170473BS



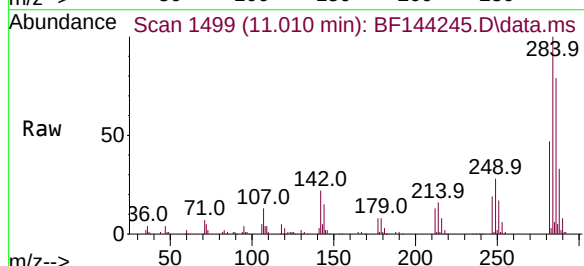
Tgt Ion:248 Resp: 129092
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 62.8 45.1 67.7

Manual Integrations
APPROVED

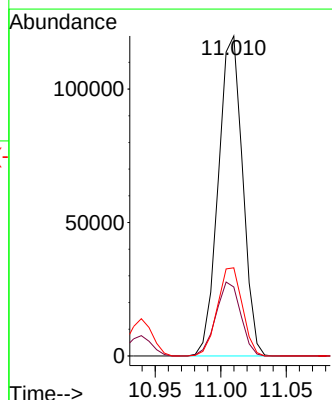
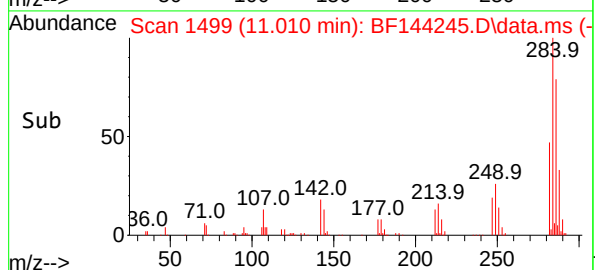
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

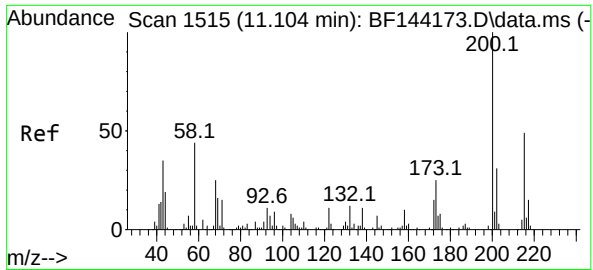


#68
Hexachlorobenzene
Concen: 43.495 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



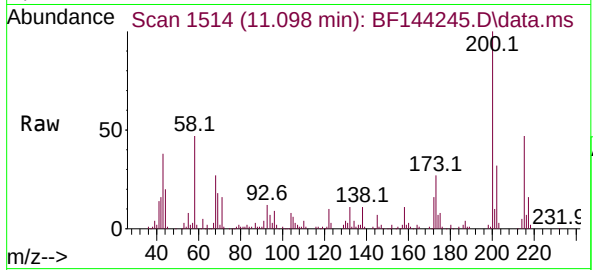
Tgt Ion:284 Resp: 154946
Ion Ratio Lower Upper
284 100
142 21.5 19.2 28.8
249 27.5 23.8 35.8





#69
Atrazine
Concen: 45.352 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

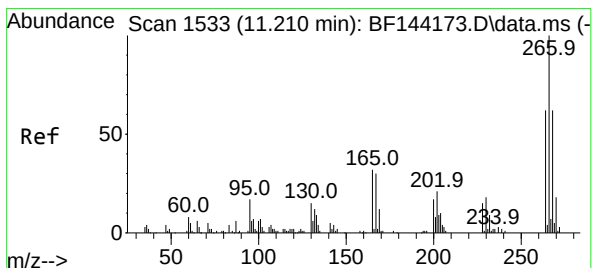
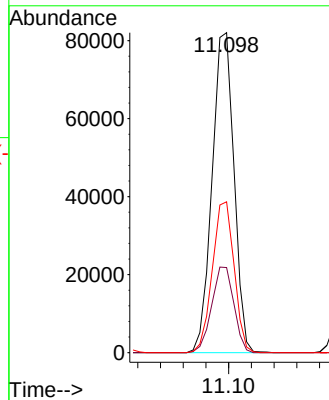
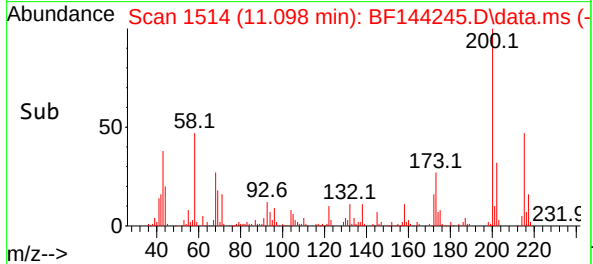
Instrument :
BNA_F
ClientSampleId :
PB170473BS



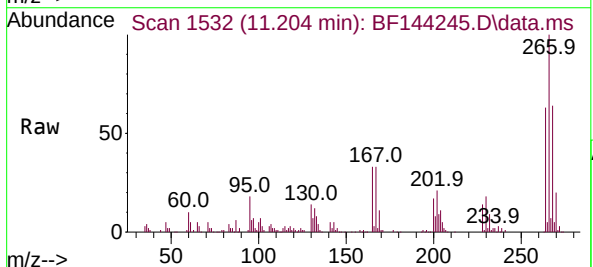
Tgt Ion:200 Resp: 109917
Ion Ratio Lower Upper
200 100
173 26.6 5.0 45.0
215 47.1 28.7 68.7

Manual Integrations
APPROVED

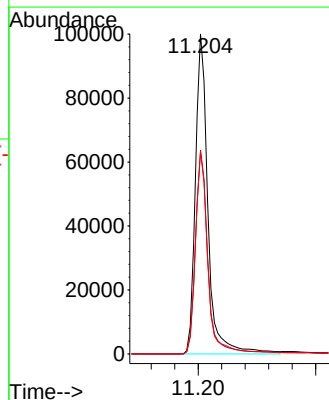
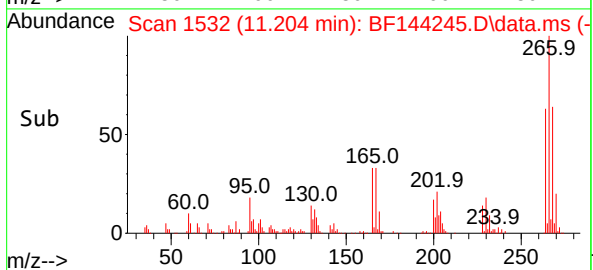
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

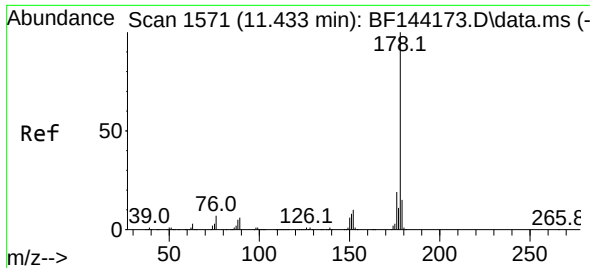


#70
Pentachlorophenol
Concen: 83.663 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



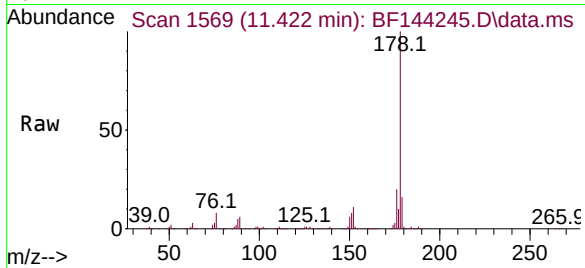
Tgt Ion:266 Resp: 148413
Ion Ratio Lower Upper
266 100
268 63.6 49.5 74.3
264 63.3 49.4 74.2





#71
Phenanthrene
Concen: 43.204 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

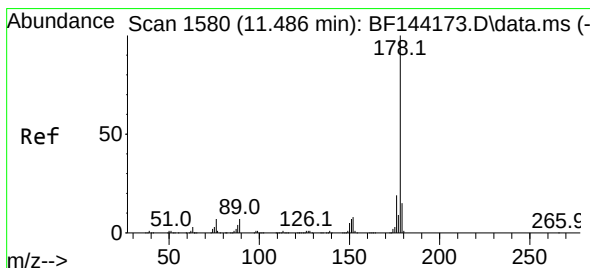
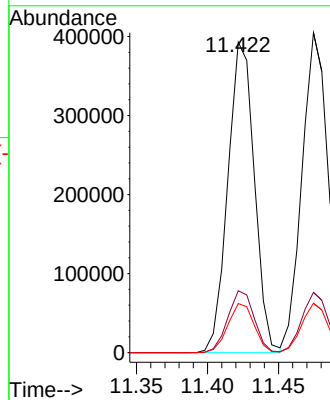
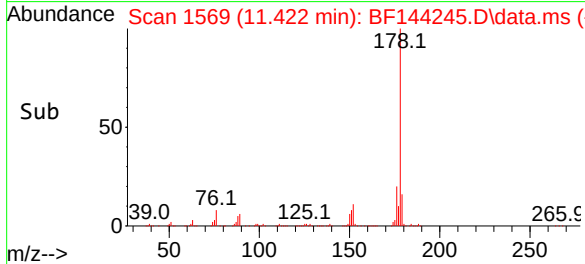
Instrument :
BNA_F
ClientSampleId :
PB170473BS



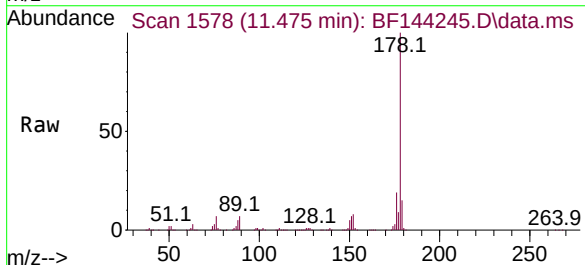
Tgt Ion:178 Resp: 509691
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.8 12.2 18.4

Manual Integrations
APPROVED

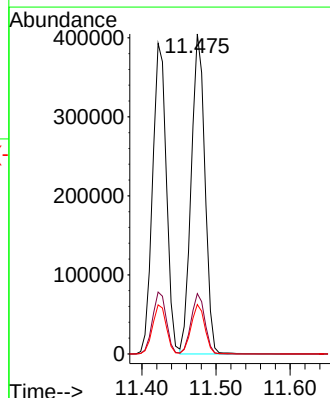
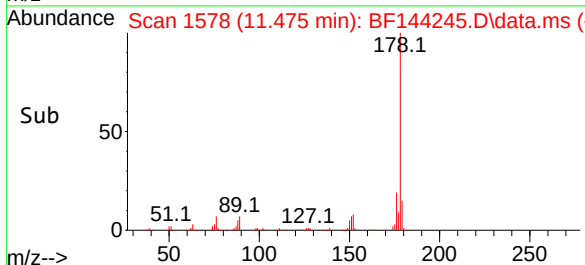
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

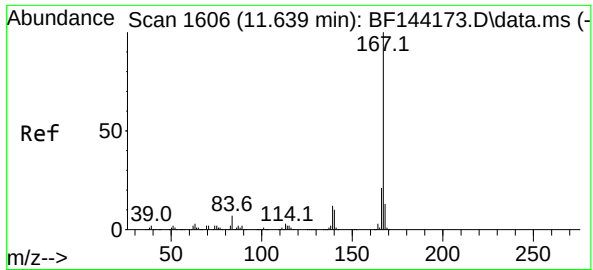


#72
Anthracene
Concen: 43.285 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



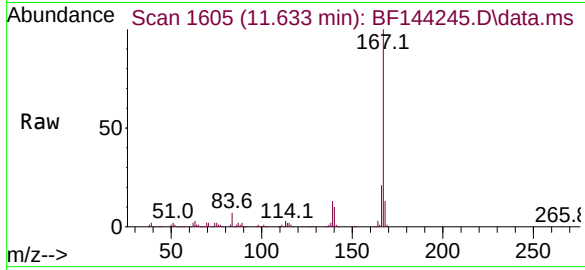
Tgt Ion:178 Resp: 519244
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.4 12.0 18.0





#73
 Carbazole
 Concen: 43.444 ng
 RT: 11.633 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF144245.D
 Acq: 13 Nov 2025 15:55

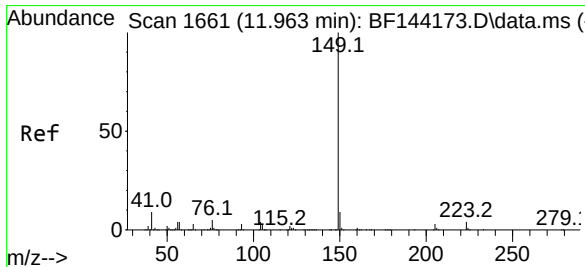
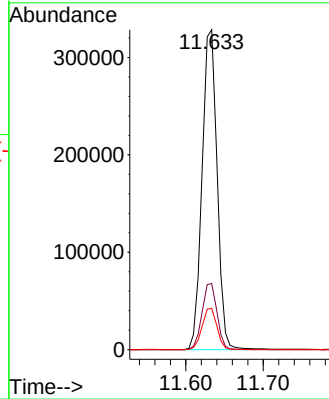
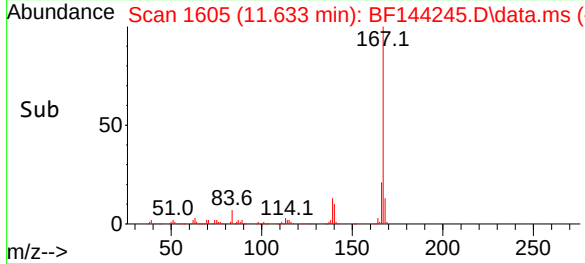
Instrument :
 BNA_F
 ClientSampleId :
 PB170473BS



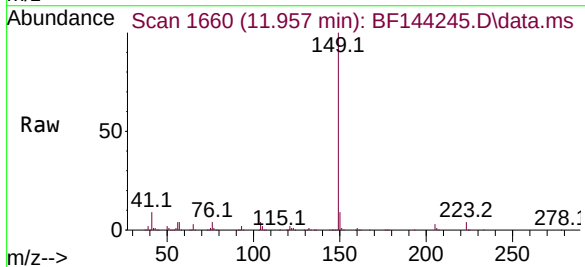
Tgt Ion:167 Resp: 443160
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.2 25.8
 139 12.9 9.9 14.9

Manual Integrations
 APPROVED

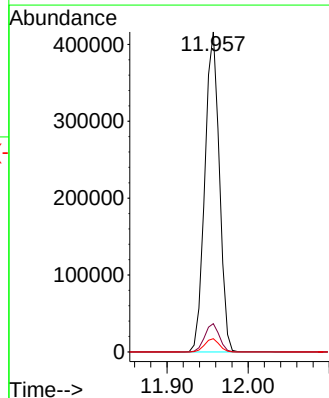
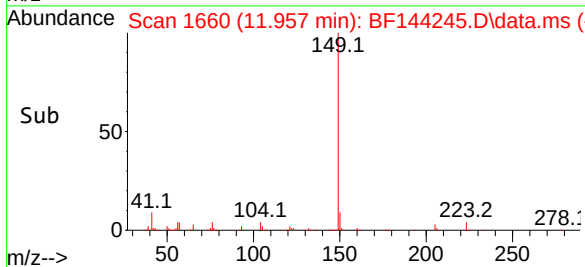
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

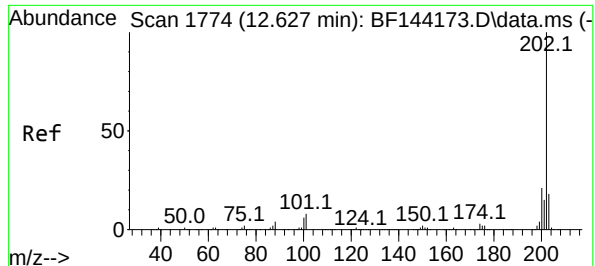


#74
 Di-n-butylphthalate
 Concen: 41.903 ng
 RT: 11.957 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: BF144245.D
 Acq: 13 Nov 2025 15:55



Tgt Ion:149 Resp: 516718
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 4.1 3.4 5.2





#75

Fluoranthene

Concen: 41.326 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:202 Resp: 50363

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.9

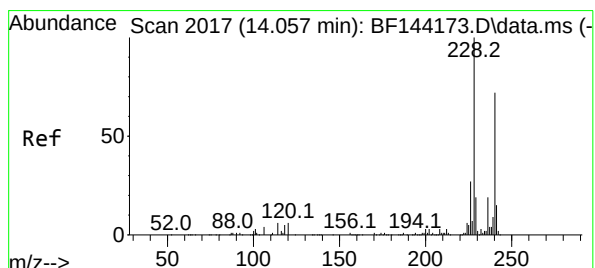
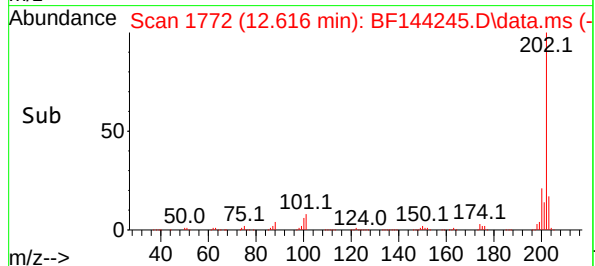
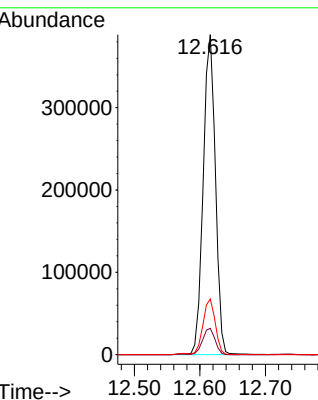
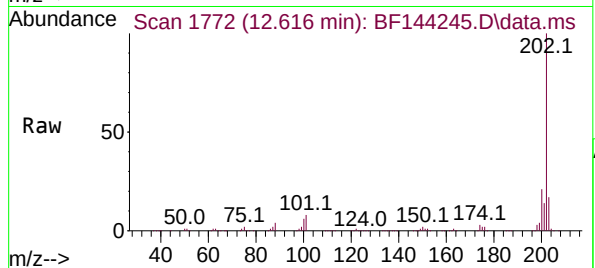
203 17.4 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

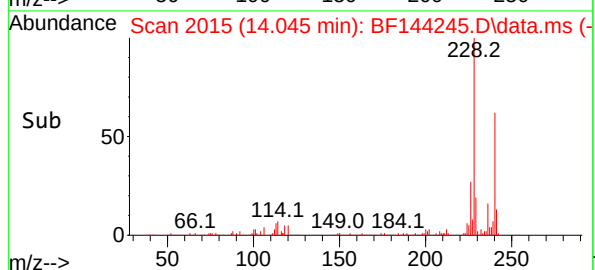
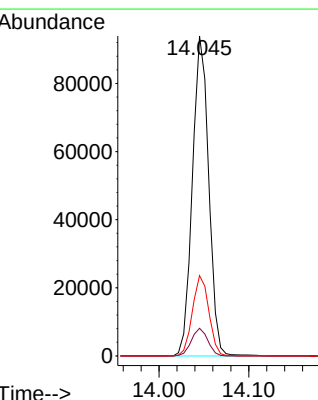
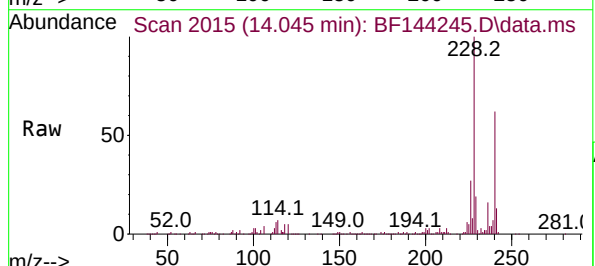
Tgt Ion:240 Resp: 118377

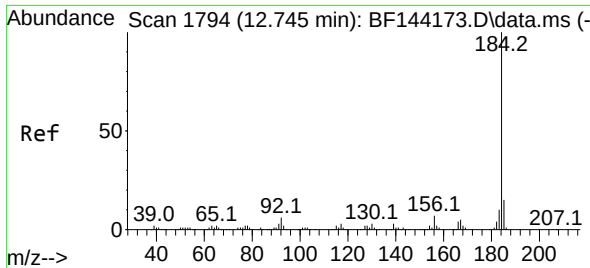
Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

236 25.1 21.4 32.2





#77

Benzidine

Concen: 44.637 ng

RT: 12.733 min Scan# 1792

Delta R.T. -0.018 min

Lab File: BF144245.D

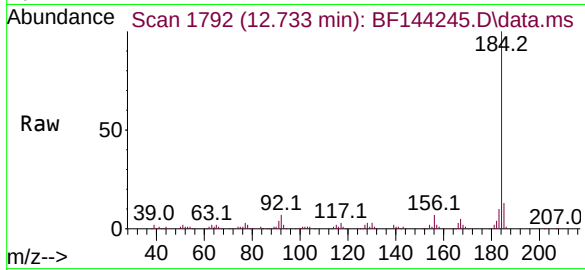
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS



Tgt Ion:184 Resp: 156298

Ion Ratio Lower Upper

184 100

185 12.9 11.7 17.5

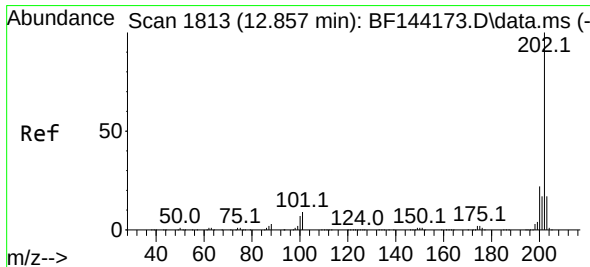
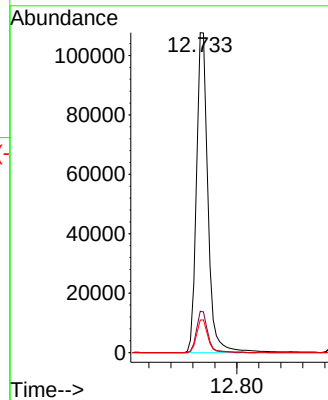
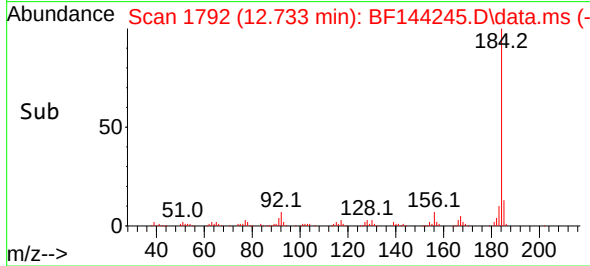
183 10.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#78

Pyrene

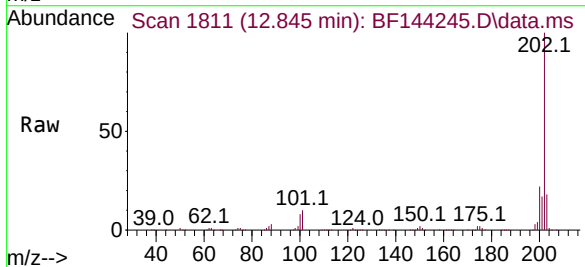
Concen: 51.692 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55



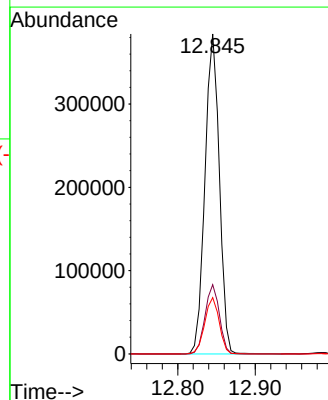
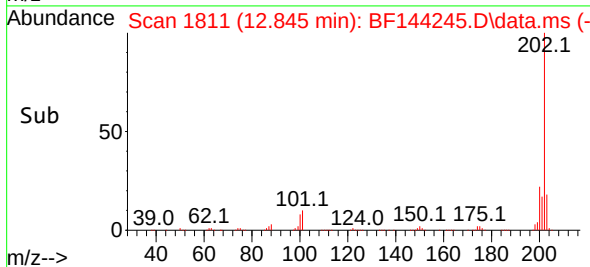
Tgt Ion:202 Resp: 493385

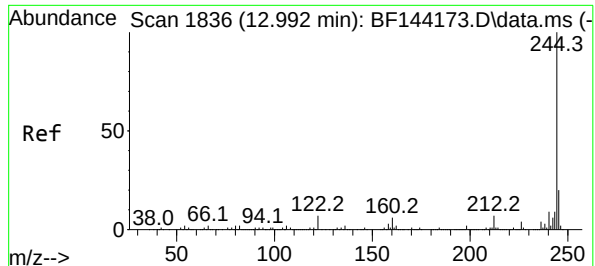
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 17.6 13.7 20.5





#79

Terphenyl-d14

Concen: 96.499 ng

RT: 12.986 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF144245.D

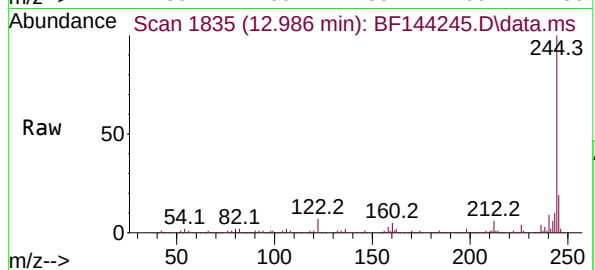
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS



Tgt Ion:244 Resp: 719166

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

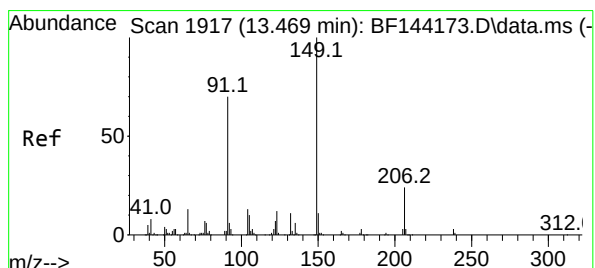
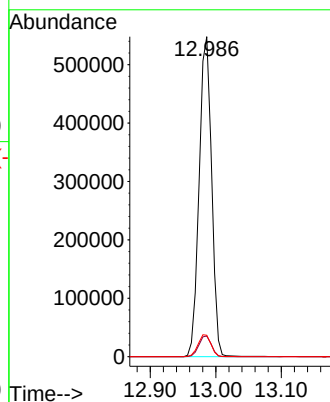
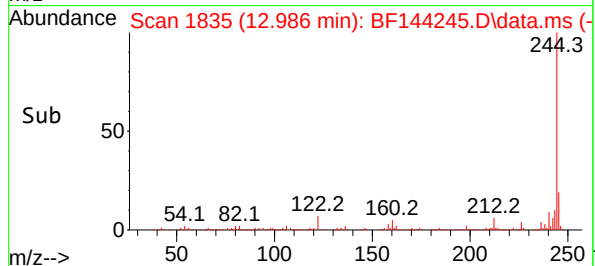
122 6.7 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#80

Butylbenzylphthalate

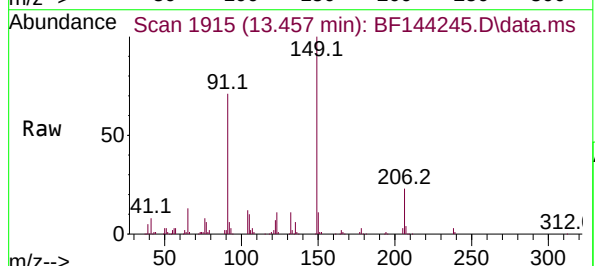
Concen: 44.669 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55



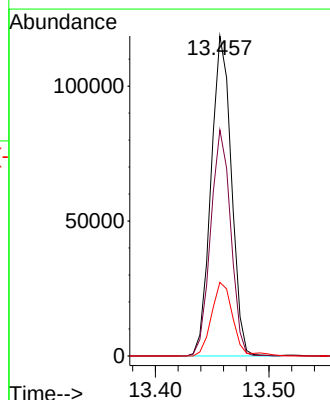
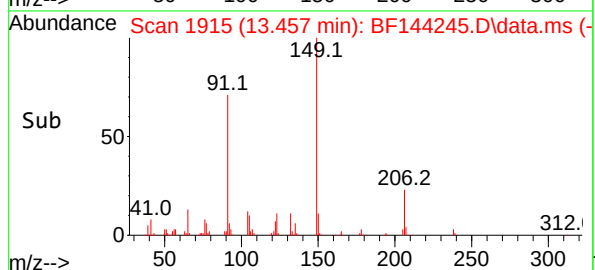
Tgt Ion:149 Resp: 147769

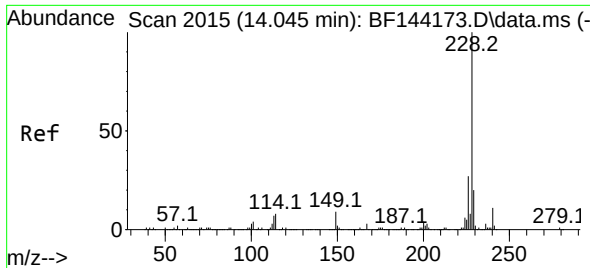
Ion Ratio Lower Upper

149 100

91 70.6 56.1 84.1

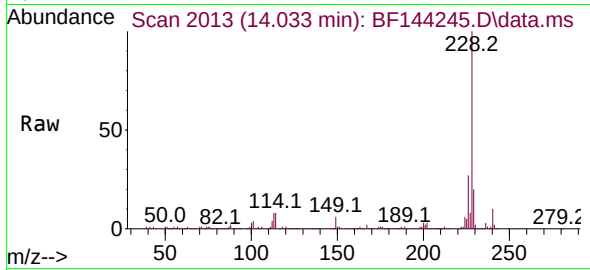
206 23.0 18.8 28.2





#81
Benzo(a)anthracene
Concen: 45.151 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

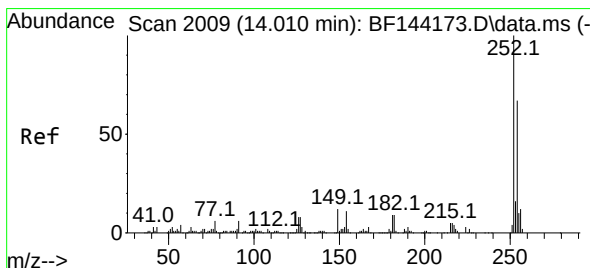
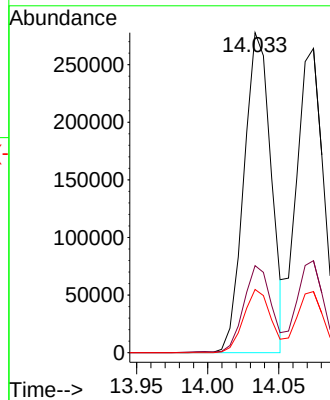
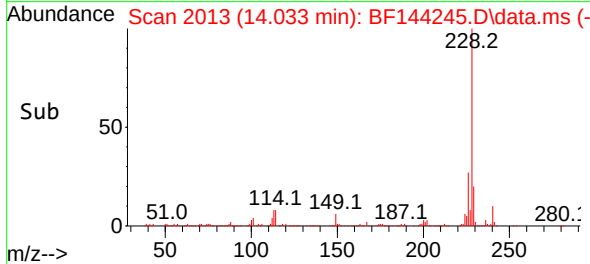
Instrument :
BNA_F
ClientSampleId :
PB170473BS



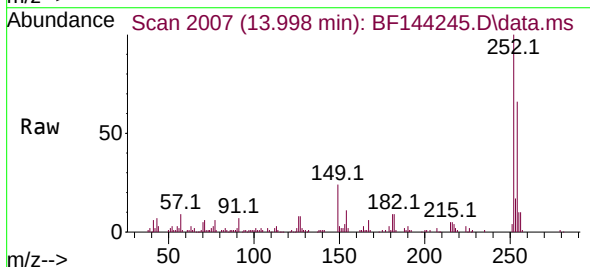
Tgt Ion:228 Resp: 370438
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations
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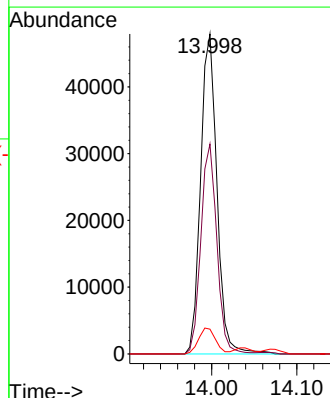
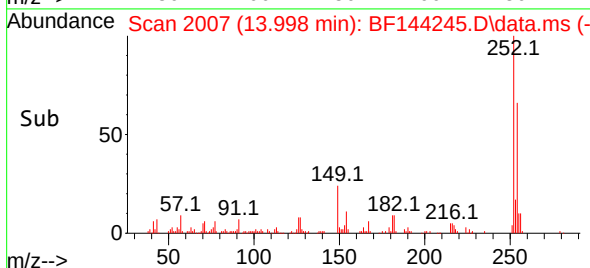
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

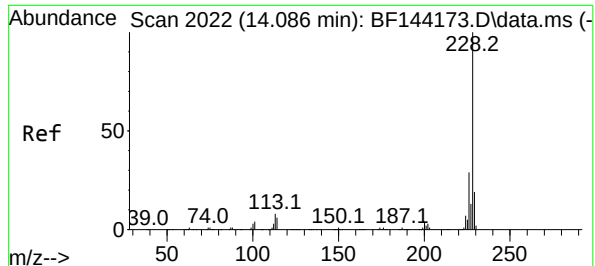


#82
3,3'-Dichlorobenzidine
Concen: 22.710 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:252 Resp: 63866
Ion Ratio Lower Upper
252 100
254 65.6 53.5 80.3
126 7.7 6.4 9.6





#83

Chrysene

Concen: 46.470 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:228 Resp: 351949

Ion Ratio Lower Upper

228 100

226 30.2 22.9 34.3

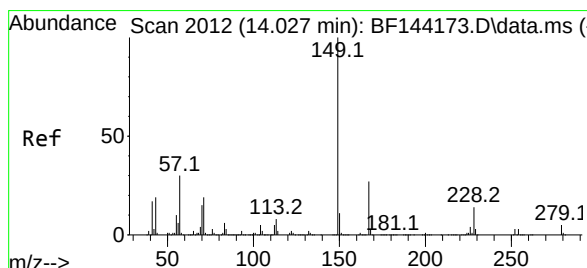
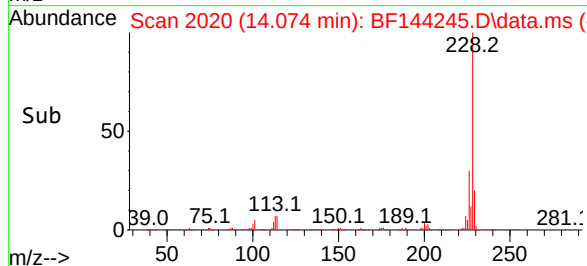
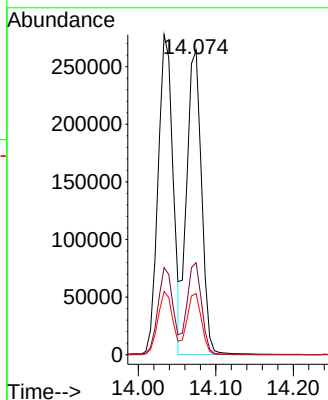
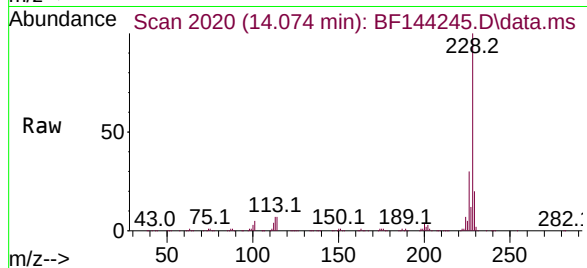
229 20.0 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.545 ng

RT: 14.016 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

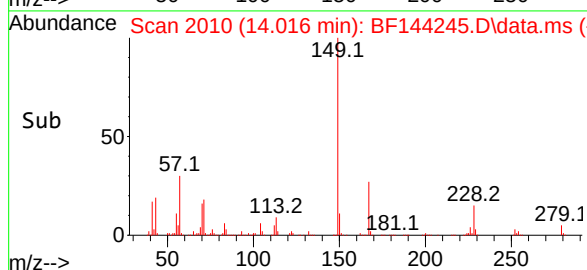
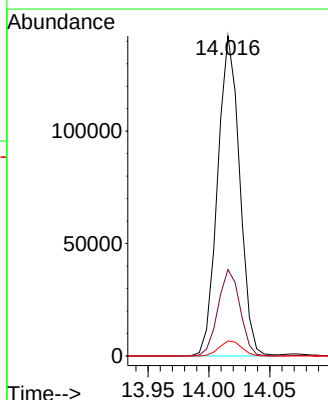
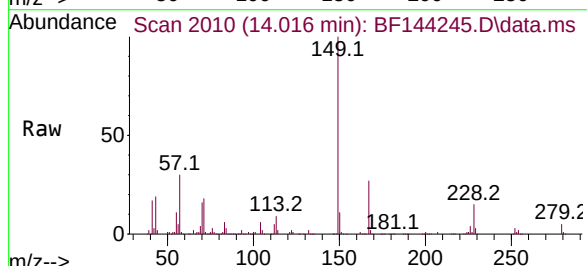
Tgt Ion:149 Resp: 179079

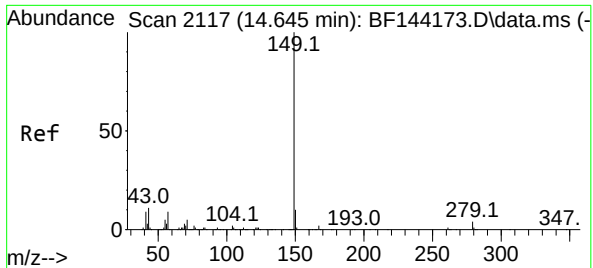
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

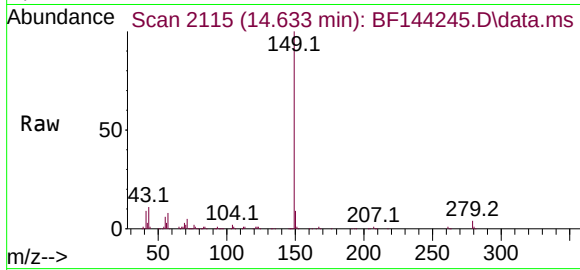
279 4.7 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 41.231 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

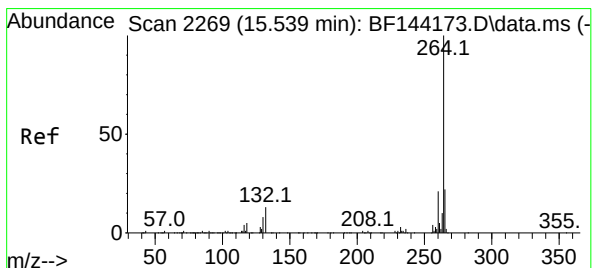
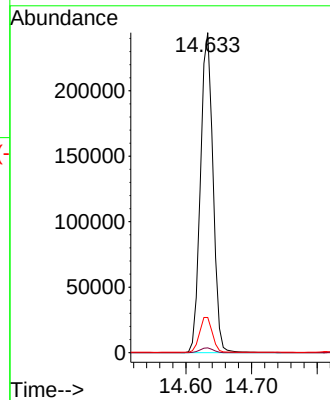
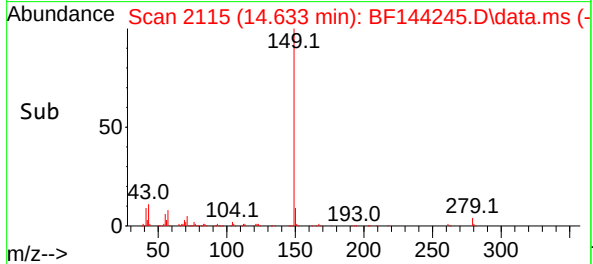
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:149 Resp: 322146
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 9.0 13.4

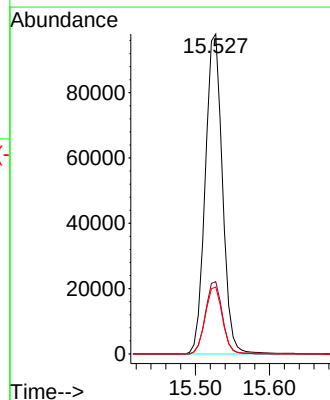
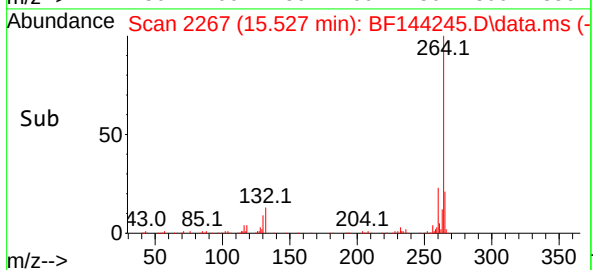
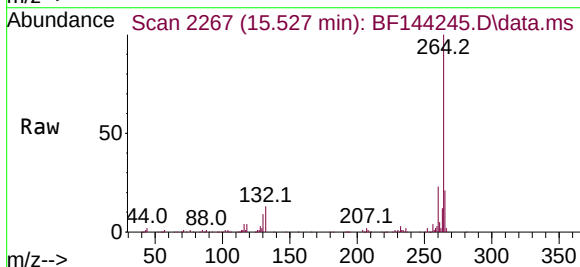
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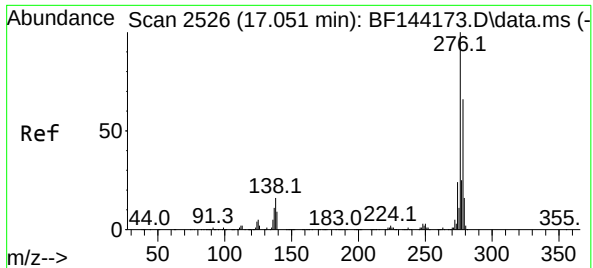
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:264 Resp: 157737
Ion Ratio Lower Upper
264 100
260 22.6 17.1 25.7
265 20.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.893 ng

RT: 17.027 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:276 Resp: 519646

Ion Ratio Lower Upper

276 100

138 17.2 13.9 20.9

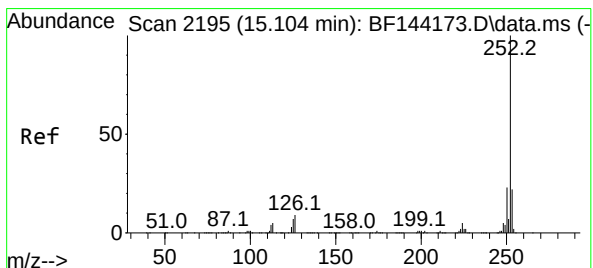
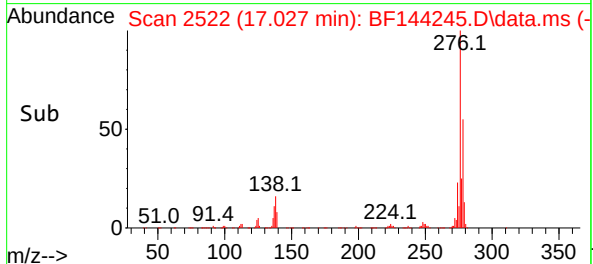
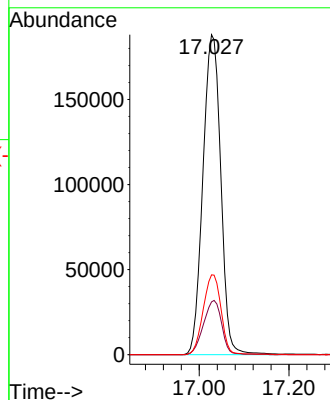
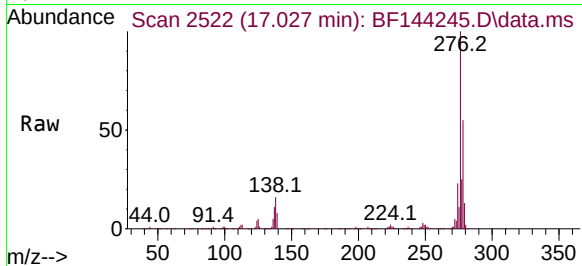
277 24.9 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#88

Benzo(b)fluoranthene

Concen: 41.463 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

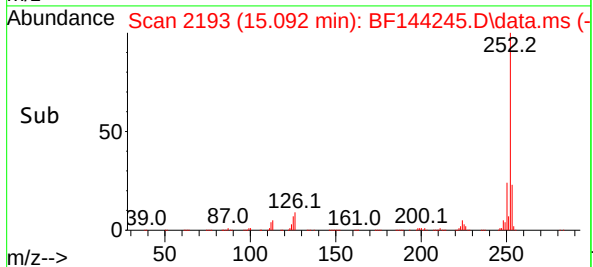
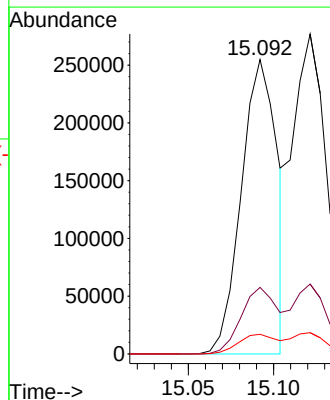
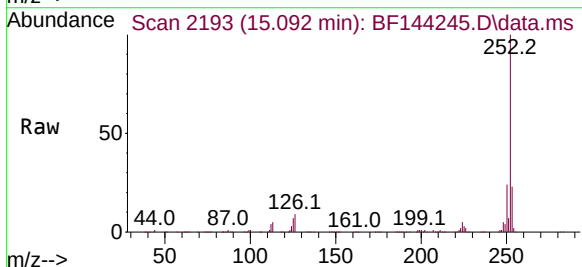
Tgt Ion:252 Resp: 371823

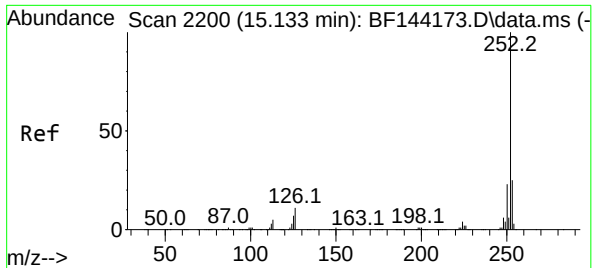
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 6.7 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 46.092 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:252 Resp: 386885

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

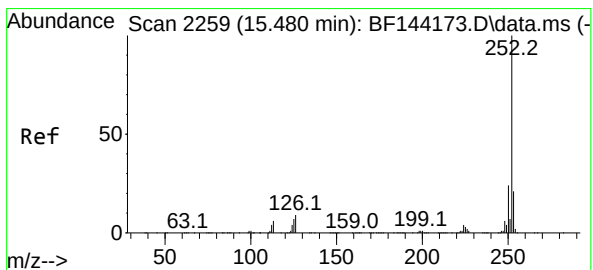
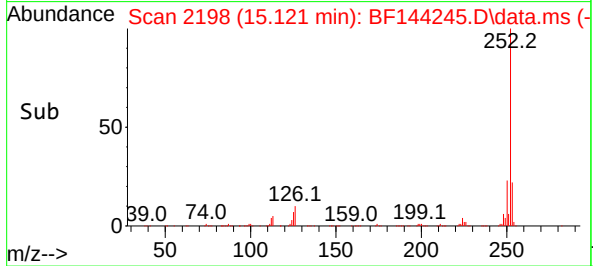
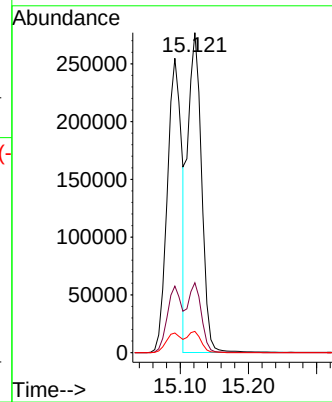
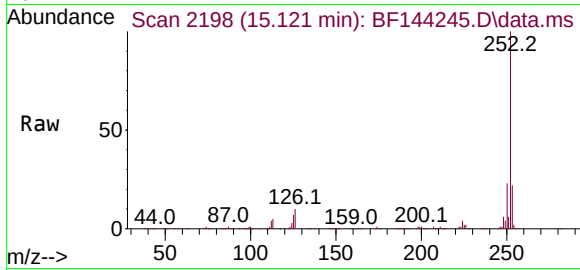
125 6.6 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 46.700 ng

RT: 15.463 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

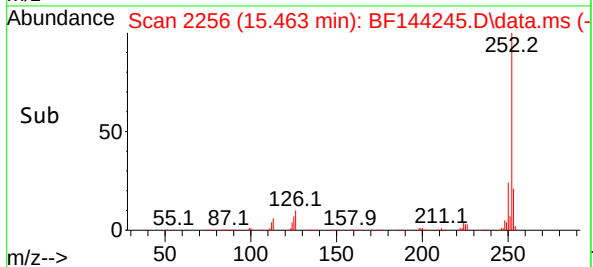
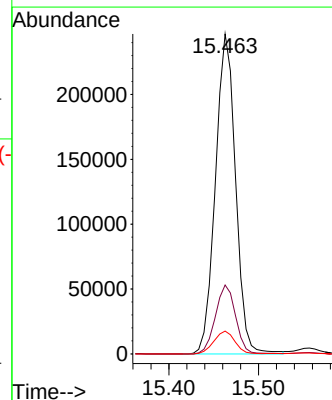
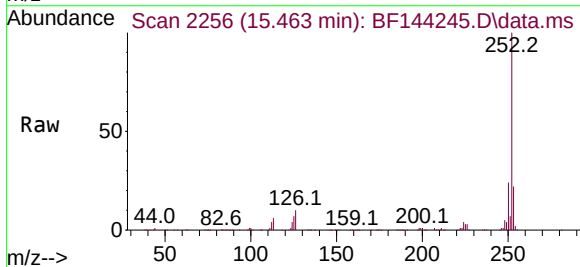
Tgt Ion:252 Resp: 386349

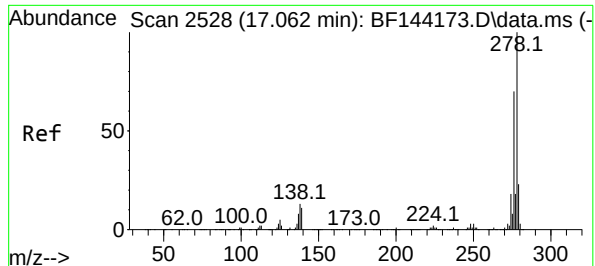
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

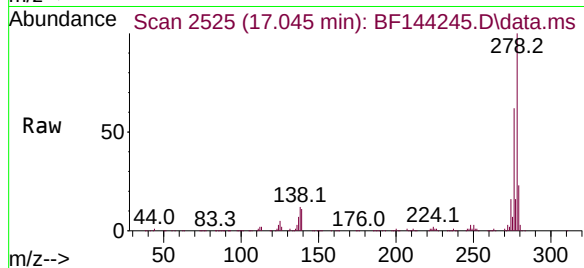
125 7.1 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 45.746 ng
RT: 17.045 min Scan# 2525
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

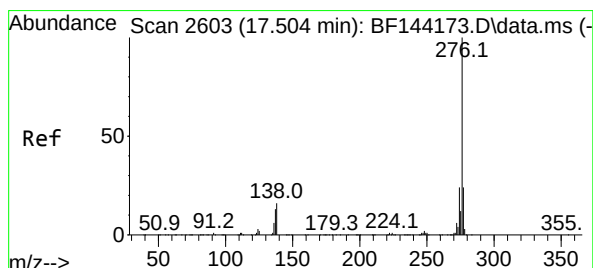
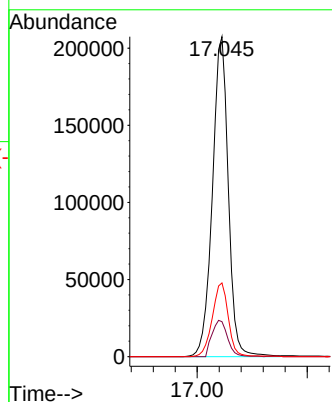
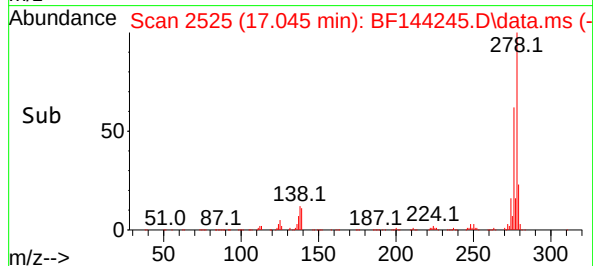
Instrument :
BNA_F
ClientSampleId :
PB170473BS



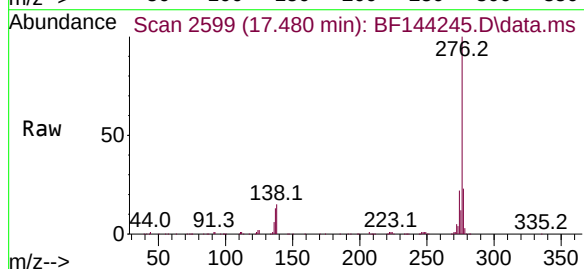
Tgt Ion:278 Resp: 415994
Ion Ratio Lower Upper
278 100
139 10.9 9.1 13.7
279 23.0 18.2 27.4

Manual Integrations
APPROVED

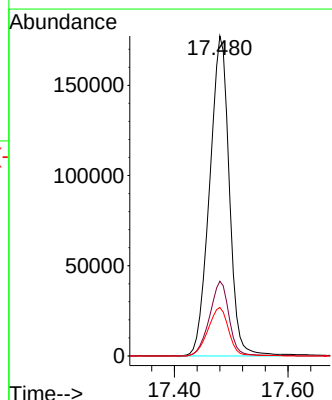
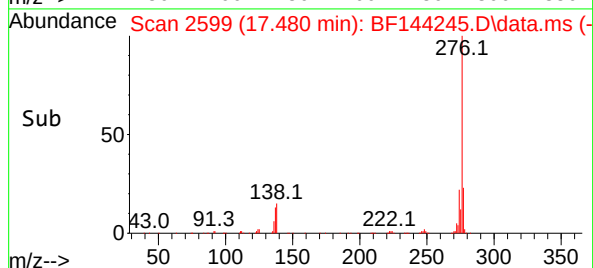
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 47.414 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:276 Resp: 425782
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 15.1 12.9 19.3





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

Report of Analysis

Client: Pacific Commercial Services Inc.

Project: Kilo Pier

Client Sample ID: PB170473BSD

Lab Sample ID: PB170473BSD

Analytical Method: 8270E Level: LOW

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

Prep Method : 3510C Prep Date: 11/10/25

Date Collected:

Date Received:

SDG No.: Q3574

Matrix: Water

% Solid: 0

Test: SVOC-PAH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
91-20-3	Naphthalene	41.1		1	0.50	4.00	5.00	ug/L	11/13/25 16:24	PB170473
208-96-8	Acenaphthylene	47.0		1	0.75	4.00	5.00	ug/L	11/13/25 16:24	PB170473
83-32-9	Acenaphthene	38.2		1	0.55	4.00	5.00	ug/L	11/13/25 16:24	PB170473
86-73-7	Fluorene	42.6		1	0.63	4.00	5.00	ug/L	11/13/25 16:24	PB170473
85-01-8	Phenanthrene	43.1		1	0.50	4.00	5.00	ug/L	11/13/25 16:24	PB170473
120-12-7	Anthracene	43.5		1	0.61	4.00	5.00	ug/L	11/13/25 16:24	PB170473
206-44-0	Fluoranthene	40.8		1	0.82	4.00	5.00	ug/L	11/13/25 16:24	PB170473
129-00-0	Pyrene	49.4		1	0.50	4.00	5.00	ug/L	11/13/25 16:24	PB170473
56-55-3	Benzo(a)anthracene	44.5		1	0.45	4.00	5.00	ug/L	11/13/25 16:24	PB170473
218-01-9	Chrysene	45.7		1	0.44	4.00	5.00	ug/L	11/13/25 16:24	PB170473
205-99-2	Benzo(b)fluoranthene	42.6		1	0.49	4.00	5.00	ug/L	11/13/25 16:24	PB170473
207-08-9	Benzo(k)fluoranthene	45.0		1	0.48	4.00	5.00	ug/L	11/13/25 16:24	PB170473
50-32-8	Benzo(a)pyrene	47.1		1	0.55	4.00	5.00	ug/L	11/13/25 16:24	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	45.7		1	0.59	4.00	5.00	ug/L	11/13/25 16:24	PB170473
53-70-3	Dibenzo(a,h)anthracene	45.9		1	0.67	4.00	5.00	ug/L	11/13/25 16:24	PB170473
191-24-2	Benzo(g,h,i)perylene	46.6		1	0.69	4.00	5.00	ug/L	11/13/25 16:24	PB170473
SURROGATES										
4165-60-0	Nitrobenzene-d5	82.0			44 - 120		82%	SPK: 100		
321-60-8	2-Fluorobiphenyl	78.5			44 - 119		79%	SPK: 100		
1718-51-0	Terphenyl-d14	94.1			50 - 134		94%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	58800								
1146-65-2	Naphthalene-d8	242000								
15067-26-2	Acenaphthene-d10	135000								
1517-22-2	Phenanthrene-d10	233000								
1719-03-5	Chrysene-d12	118000								
1520-96-3	Perylene-d12	155000								

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\BF111325\
 Data File : BF144246.D
 Acq On : 13 Nov 2025 16:24
 Operator : RC/JU
 Sample : PB170473BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170473BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 16:47:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58832	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	241570	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	135120	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	232588	20.000	ng	0.00
76) Chrysene-d12	14.045	240	118249	20.000	ng	0.00
86) Perylene-d12	15.521	264	155276	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	455253	121.093	ng	0.00
7) Phenol-d6	6.498	99	518984	121.831	ng	0.00
23) Nitrobenzene-d5	7.434	82	342926	81.987	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	210542	124.170	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	718260	78.510	ng	0.00
79) Terphenyl-d14	12.986	244	700771	94.133	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	61363	39.479	ng	99
3) Pyridine	3.463	79	173054	39.908	ng	99
4) n-Nitrosodimethylamine	3.410	42	110714	48.879	ng	94
6) Aniline	6.534	93	200047	32.961	ng	99
8) 2-Chlorophenol	6.651	128	165957	45.012	ng	98
9) Benzaldehyde	6.422	77	98326	40.876	ng	99
10) Phenol	6.516	94	224574	43.149	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	170416	44.936	ng	97
12) 1,3-Dichlorobenzene	6.810	146	199178	43.780	ng	99
13) 1,4-Dichlorobenzene	6.887	146	204670	44.904	ng	99
14) 1,2-Dichlorobenzene	7.034	146	199288	45.617	ng	98
15) Benzyl Alcohol	7.010	79	160046	47.448	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	317923	45.523	ng	98
17) 2-Methylphenol	7.122	107	133795	45.616	ng	98
18) Hexachloroethane	7.375	117	66267	43.761	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	128277	45.743	ng	96
20) 3+4-Methylphenols	7.275	107	153078	44.273	ng	94
22) Acetophenone	7.275	105	218214	42.108	ng	# 92
24) Nitrobenzene	7.451	77	191943	42.265	ng	99
25) Isophorone	7.686	82	345984	43.731	ng	99
26) 2-Nitrophenol	7.763	139	99002	44.039	ng	95
27) 2,4-Dimethylphenol	7.804	122	155231	46.070	ng	94
28) bis(2-Chloroethoxy)met...	7.898	93	210138	42.534	ng	97
29) 2,4-Dichlorophenol	8.010	162	160319	41.281	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	170085	42.651	ng	97
31) Naphthalene	8.169	128	471894	41.066	ng	100
32) Benzoic acid	7.934	122	103430	41.876	ng	95
33) 4-Chloroaniline	8.222	127	70111	16.729	ng	99
34) Hexachlorobutadiene	8.286	225	121293	40.358	ng	97
35) Caprolactam	8.592	113	50453m	47.419	ng	
36) 4-Chloro-3-methylphenol	8.704	107	151236	43.453	ng	99
37) 2-Methylnaphthalene	8.863	142	297986	38.785	ng	99
38) 1-Methylnaphthalene	8.963	142	299912	40.456	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	181158	40.909	ng	# 98
41) Hexachlorocyclopentadiene	9.016	237	190222	100.084	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	123600	41.009	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144246.D
 Acq On : 13 Nov 2025 16:24
 Operator : RC/JU
 Sample : PB170473BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170473BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 16:47:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	134698	41.466	ng	99
46) 1,1'-Biphenyl	9.328	154	397971	42.195	ng	98
47) 2-Chloronaphthalene	9.351	162	338120	42.026	ng	98
48) 2-Nitroaniline	9.451	65	108204	46.612	ng	99
49) Acenaphthylene	9.769	152	515625	47.030	ng	100
50) Dimethylphthalate	9.628	163	398788	44.550	ng	100
51) 2,6-Dinitrotoluene	9.692	165	85929	47.421	ng	99
52) Acenaphthene	9.939	154	279860	38.172	ng	99
53) 3-Nitroaniline	9.863	138	49936	25.209	ng	99
54) 2,4-Dinitrophenol	9.975	184	97089	88.729	ng	96
55) Dibenzofuran	10.116	168	428345	41.716	ng	99
56) 4-Nitrophenol	10.033	139	115883	80.874	ng	97
57) 2,4-Dinitrotoluene	10.098	165	113163	46.650	ng	94
58) Fluorene	10.457	166	332939	42.646	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	106276	46.242	ng	97
60) Diethylphthalate	10.327	149	364140	44.128	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	184953	41.590	ng	95
62) 4-Nitroaniline	10.480	138	83170	44.089	ng	97
63) Azobenzene	10.610	77	356045	46.361	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	70115	44.375	ng	96
66) n-Nitrosodiphenylamine	10.569	169	330545	44.187	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	124320	41.876	ng	96
68) Hexachlorobenzene	11.004	284	154570	44.203	ng	99
69) Atrazine	11.092	200	107065	45.004	ng	99
70) Pentachlorophenol	11.204	266	141293	81.143	ng	97
71) Phenanthrene	11.422	178	499513	43.135	ng	100
72) Anthracene	11.474	178	511664	43.453	ng	100
73) Carbazole	11.627	167	430878	43.033	ng	99
74) Di-n-butylphthalate	11.957	149	496536	41.021	ng	100
75) Fluoranthene	12.616	202	487529	40.755	ng	100
77) Benzidine	12.733	184	145434	41.580	ng	98
78) Pyrene	12.845	202	471436	49.446	ng	100
80) Butylbenzylphthalate	13.457	149	145023	43.887	ng	99
81) Benzo(a)anthracene	14.033	228	364470	44.472	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	63171	22.487	ng	96
83) Chrysene	14.068	228	345638	45.686	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	174072	38.481	ng	99
85) Di-n-octyl phthalate	14.627	149	319844	40.981	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	509733	45.731	ng	100
88) Benzo(b)fluoranthene	15.092	252	375877	42.579	ng	99
89) Benzo(k)fluoranthene	15.121	252	371832	45.001	ng	99
90) Benzo(a)pyrene	15.462	252	383834	47.131	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	410772	45.888	ng	99
92) Benzo(g,h,i)perylene	17.480	276	411997	46.606	ng	100

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

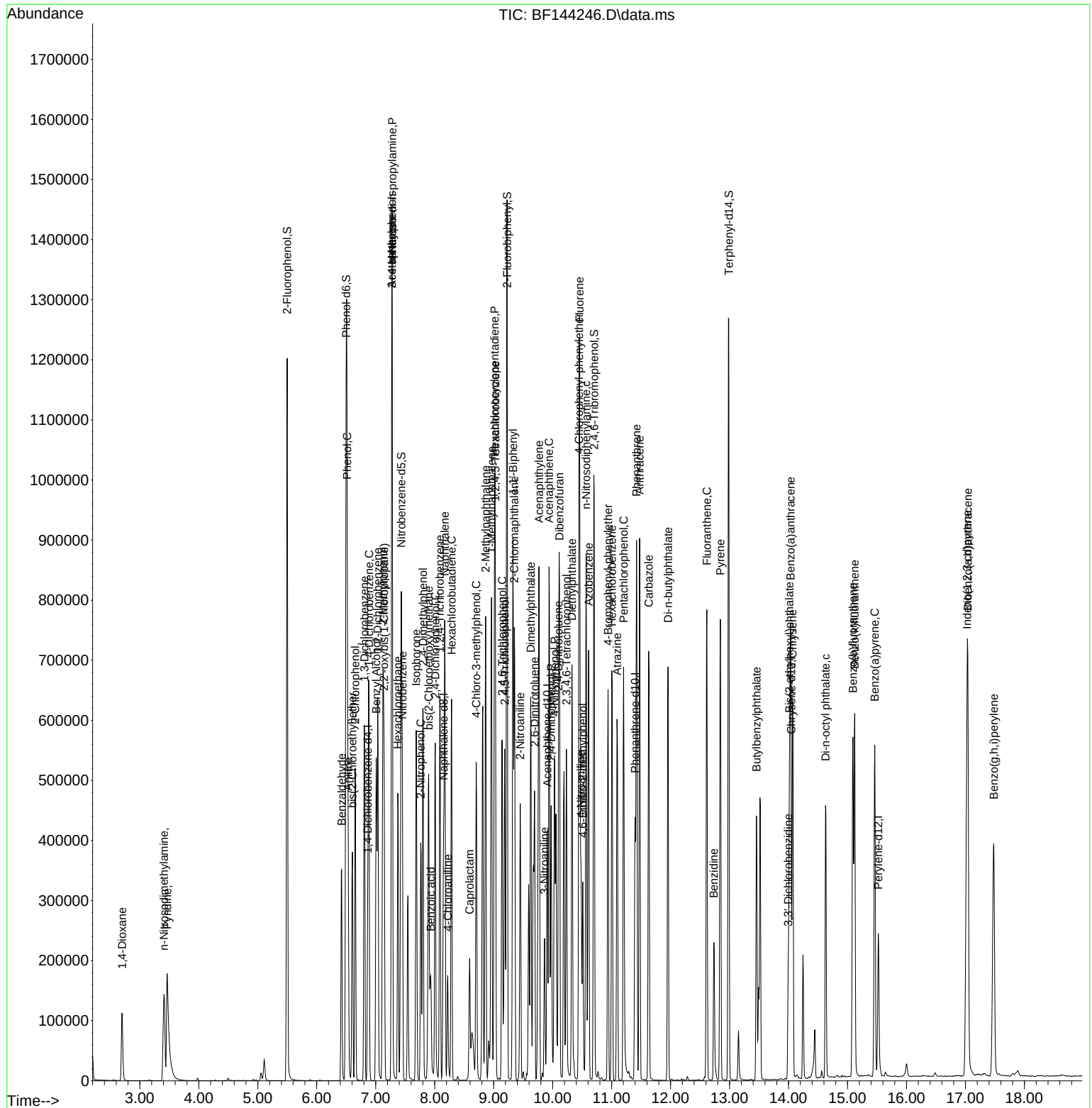
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Data File : BF144246.D  
Acq On    : 13 Nov 2025  16:24  
Operator  : RC/JU  
Sample    : PB170473BSD  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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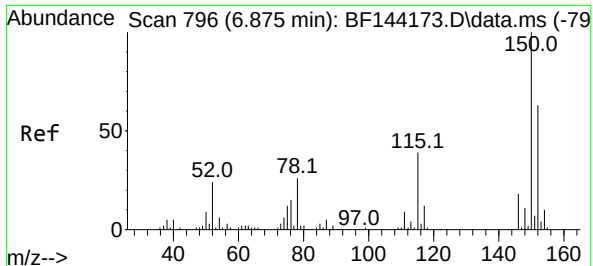
Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Manual Integrations

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

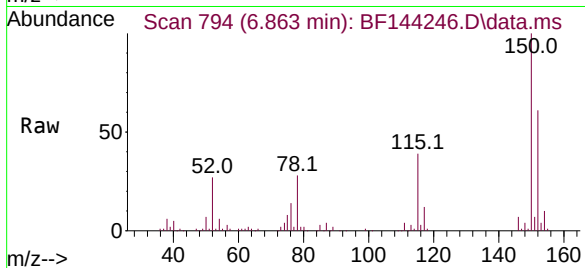
Quant Time: Nov 13 16:47:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

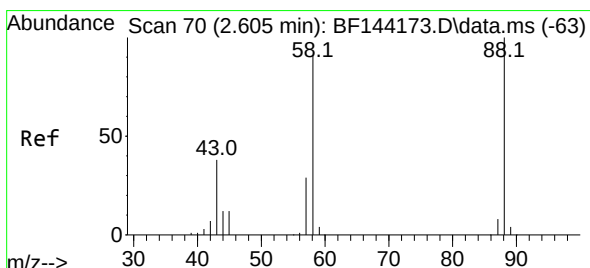
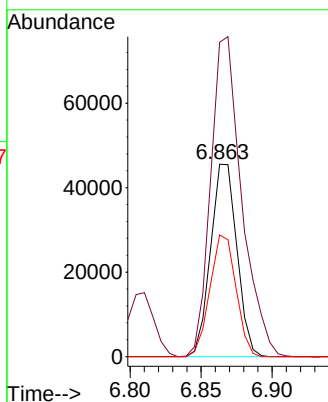
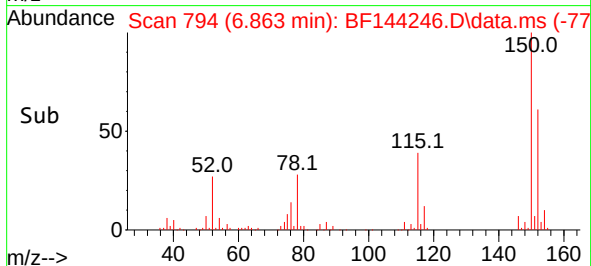
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:152 Resp: 58832
Ion Ratio Lower Upper
152 100
150 163.4 127.4 191.0
115 63.2 49.5 74.3

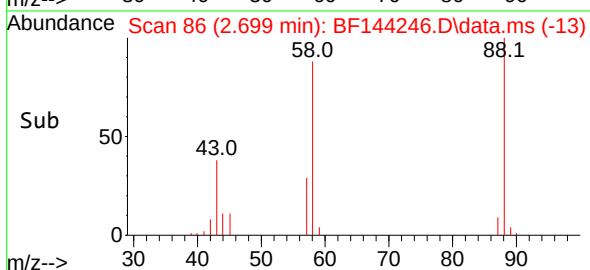
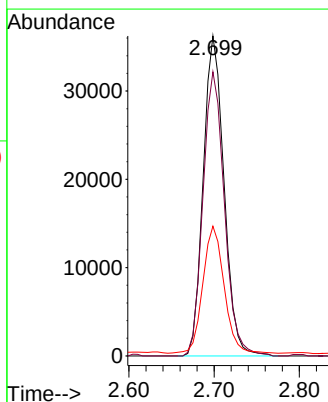
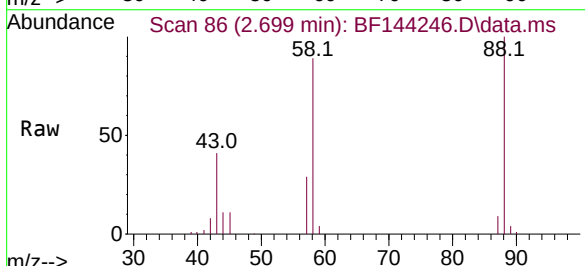
Manual Integrations
APPROVED

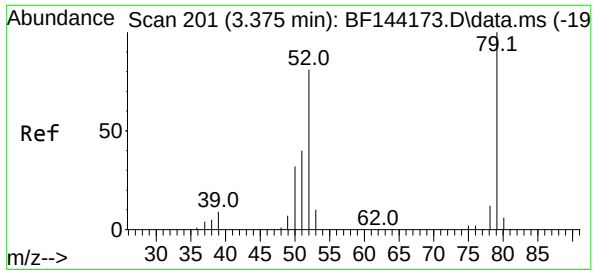
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 39.479 ng
RT: 2.699 min Scan# 86
Delta R.T. 0.082 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

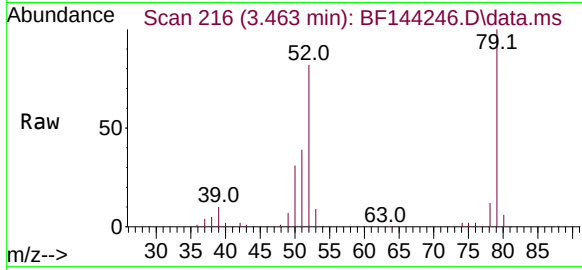
Tgt Ion: 88 Resp: 61363
Ion Ratio Lower Upper
88 100
58 91.6 73.1 109.7
43 40.6 31.0 46.6





#3
Pyridine
Concen: 39.908 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

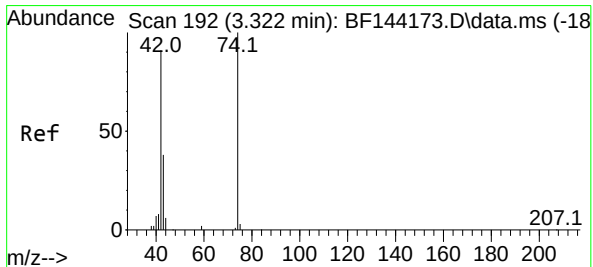
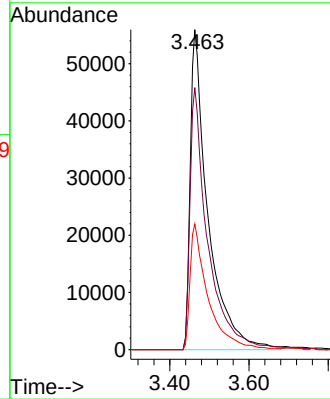
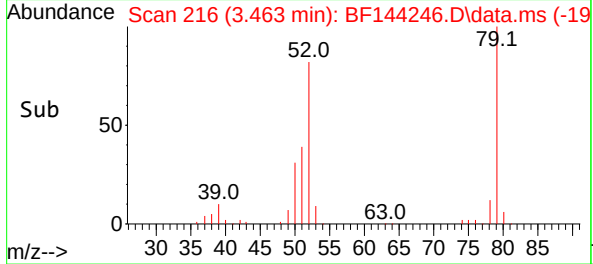
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



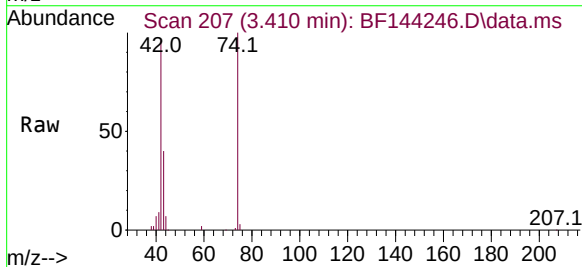
Tgt Ion: 79 Resp: 173054
Ion Ratio Lower Upper
79 100
52 81.9 64.5 96.7
51 39.3 31.7 47.5

Manual Integrations
APPROVED

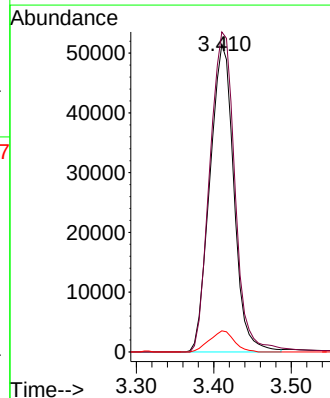
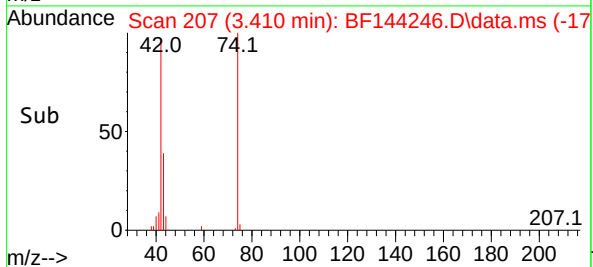
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

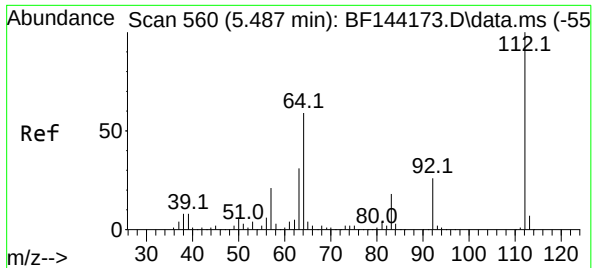


#4
n-Nitrosodimethylamine
Concen: 48.879 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.065 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



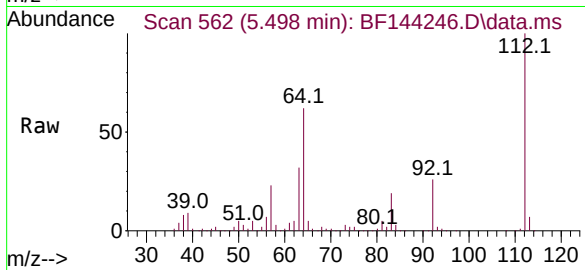
Tgt Ion: 42 Resp: 110714
Ion Ratio Lower Upper
42 100
74 104.1 88.2 132.4
44 6.8 5.7 8.5





#5
2-Fluorophenol
Concen: 121.093 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

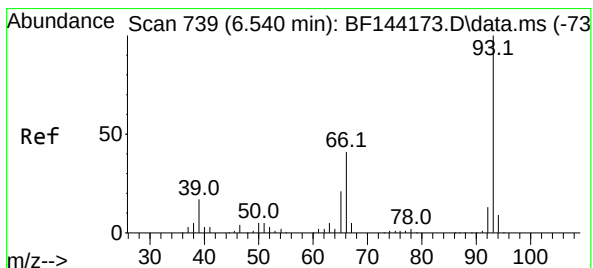
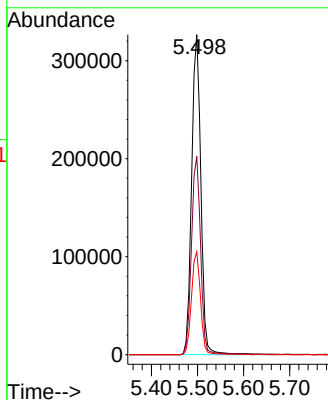
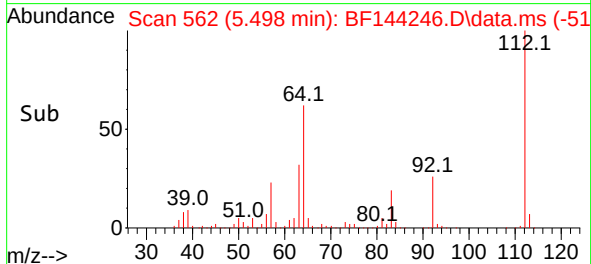
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:112 Resp: 455253
Ion Ratio Lower Upper
112 100
64 61.9 47.2 70.8
63 32.1 24.4 36.6

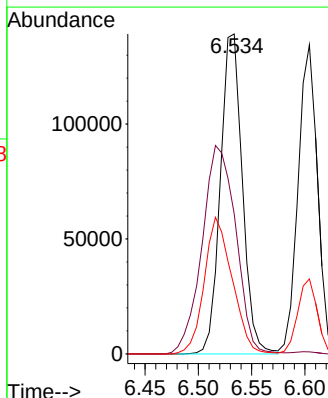
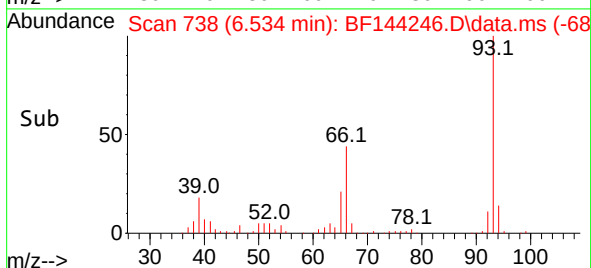
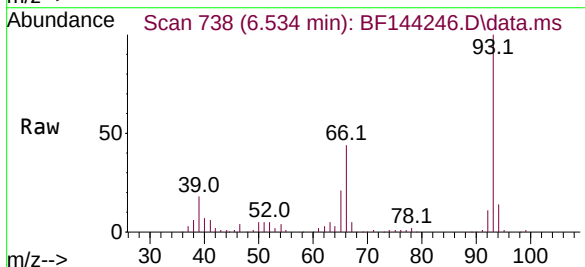
Manual Integrations
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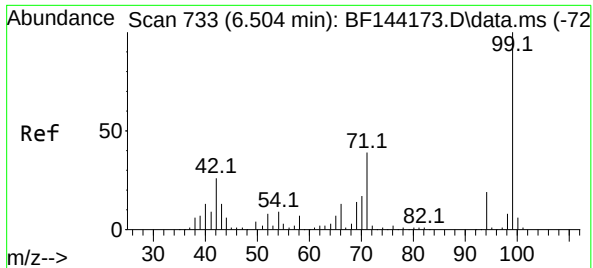
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 32.961 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

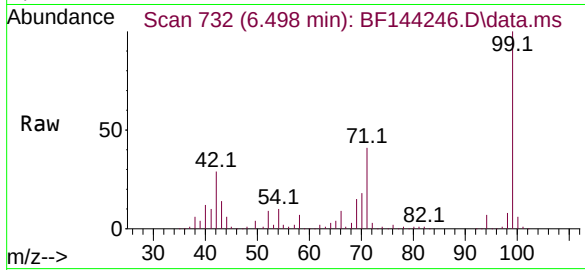
Tgt Ion: 93 Resp: 200047
Ion Ratio Lower Upper
93 100
66 43.8 34.3 51.5
65 21.0 16.9 25.3





#7
Phenol-d6
Concen: 121.831 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

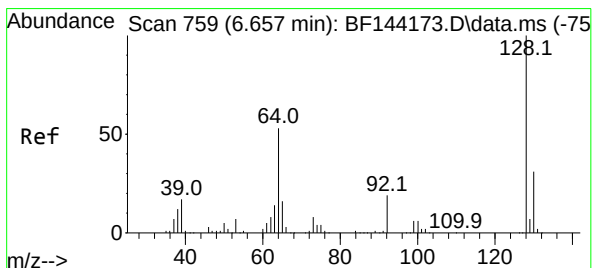
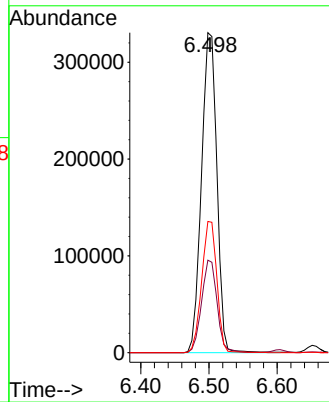
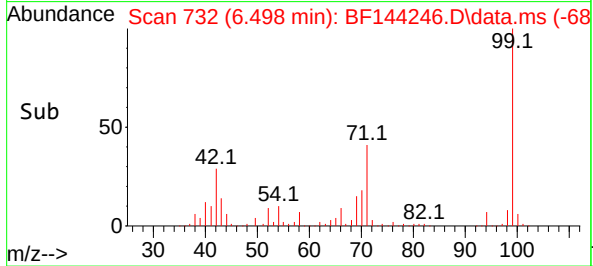
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



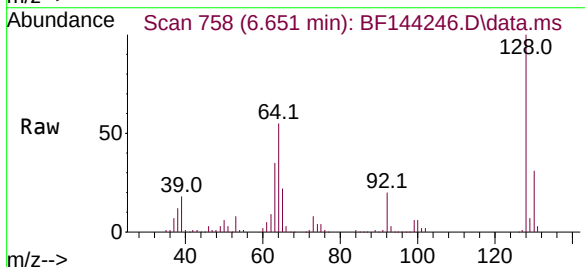
Tgt Ion: 99 Resp: 518984
Ion Ratio Lower Upper
99 100
42 28.9 20.9 31.3
71 41.0 31.4 47.2

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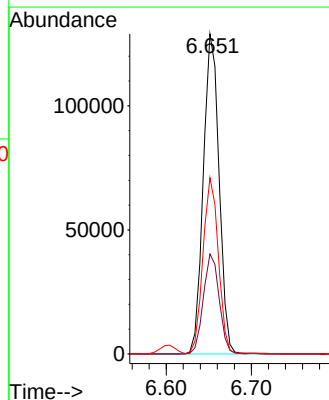
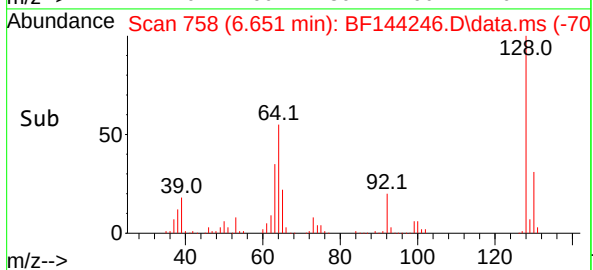
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

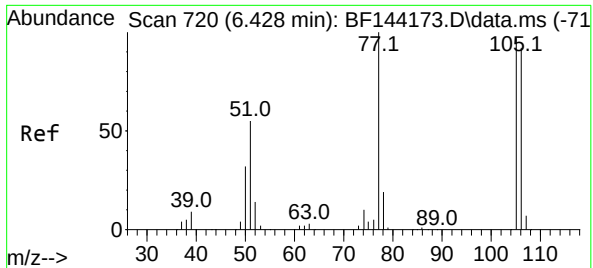


#8
2-Chlorophenol
Concen: 45.012 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:128 Resp: 165957
Ion Ratio Lower Upper
128 100
130 31.2 10.5 50.5
64 55.0 33.2 73.2





#9

Benzaldehyde

Concen: 40.876 ng

RT: 6.422 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion: 77 Resp: 98326

Ion Ratio Lower Upper

77 100

105 95.7 77.2 117.2

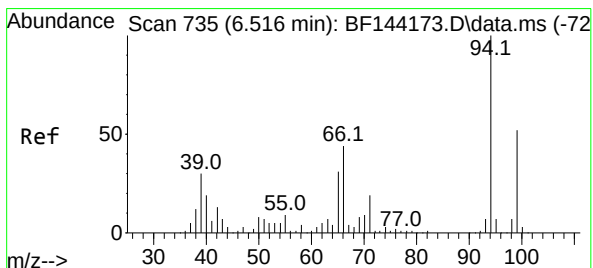
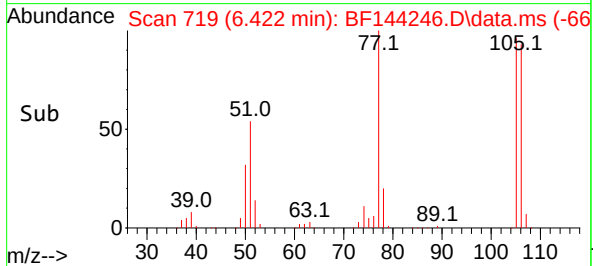
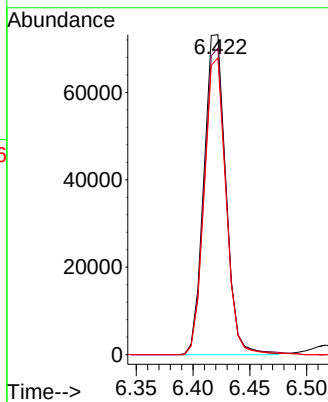
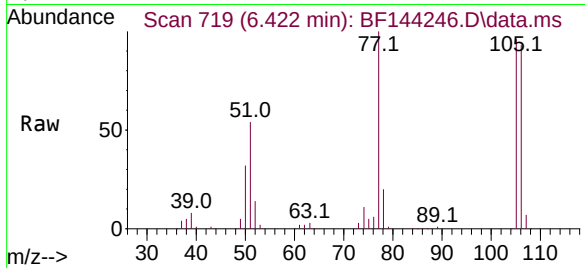
106 92.7 72.2 112.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#10

Phenol

Concen: 43.149 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

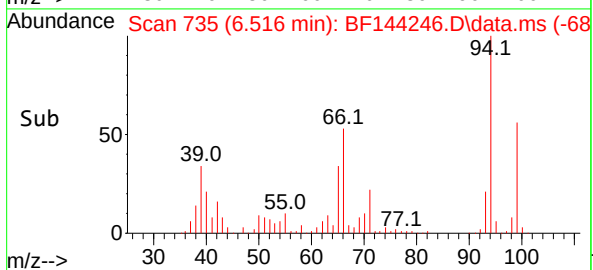
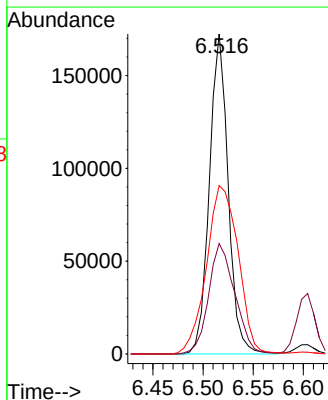
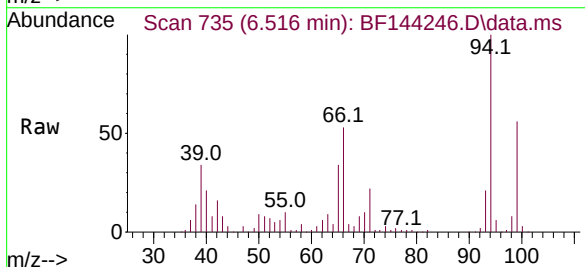
Tgt Ion: 94 Resp: 224574

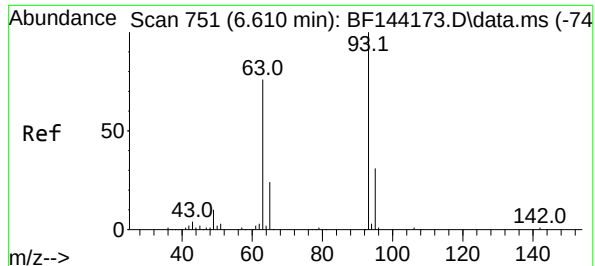
Ion Ratio Lower Upper

94 100

65 34.5 10.8 50.8

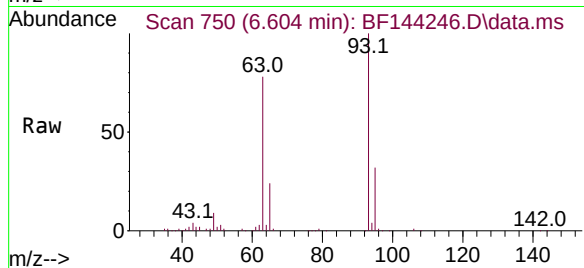
66 52.6 24.3 64.3





#11
bis(2-Chloroethyl)ether
Concen: 44.936 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

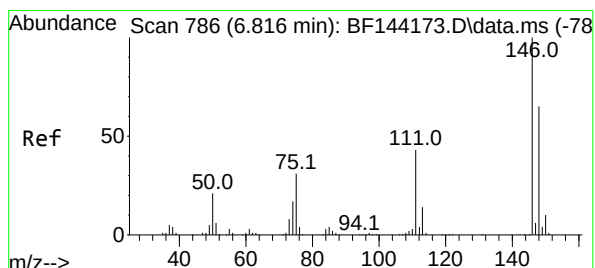
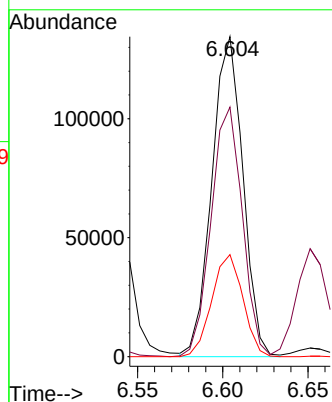
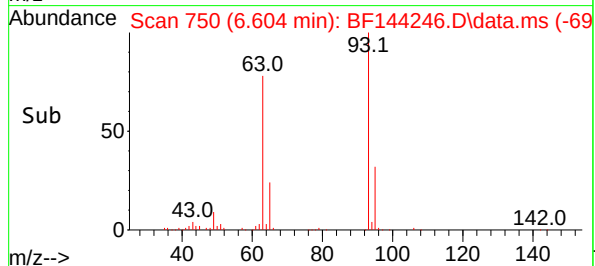
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



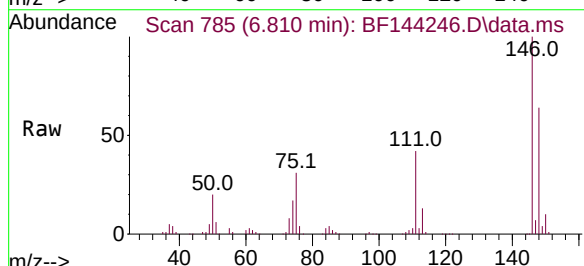
Tgt Ion: 93 Resp: 170416
Ion Ratio Lower Upper
93 100
63 78.0 55.2 95.2
95 31.9 11.2 51.2

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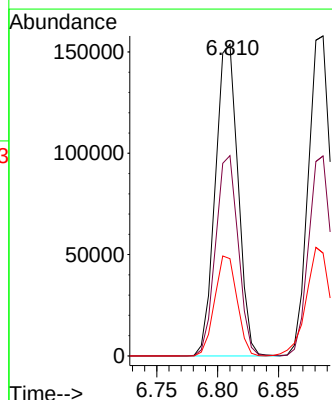
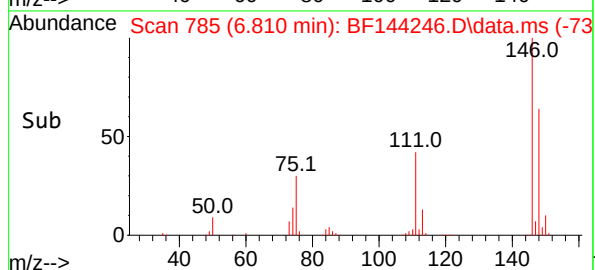
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

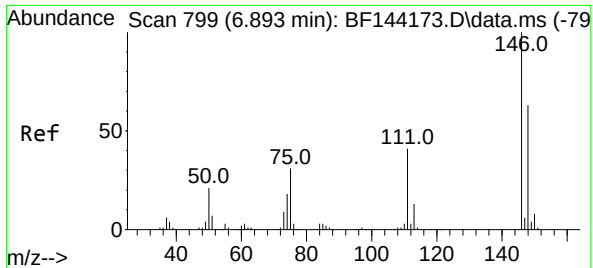


#12
1,3-Dichlorobenzene
Concen: 43.780 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:146 Resp: 199178
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 31.2 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 44.904 ng

RT: 6.887 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:146 Resp: 204670

Ion Ratio Lower Upper

146 100

148 62.5 50.2 75.2

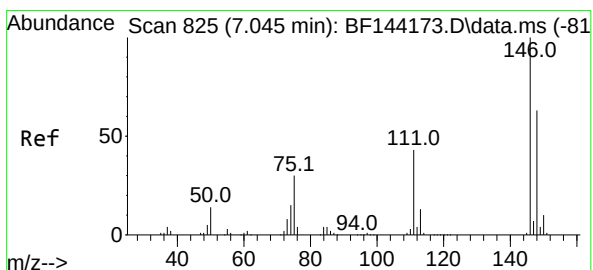
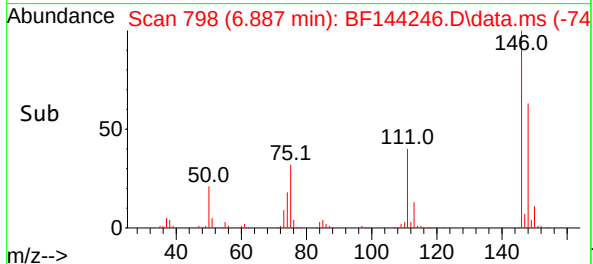
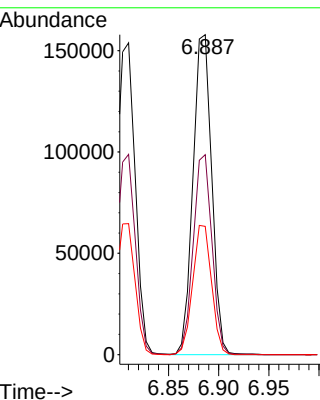
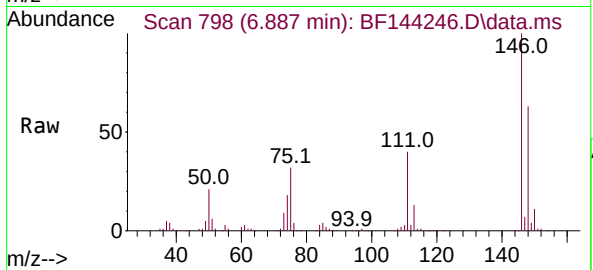
111 40.1 32.6 48.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 45.617 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

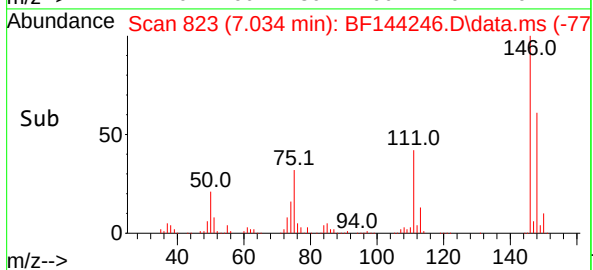
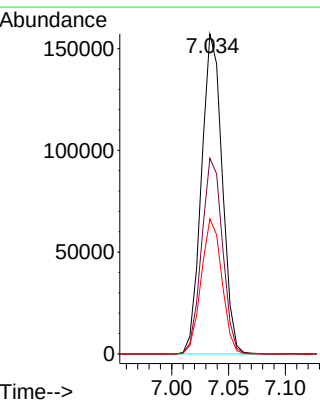
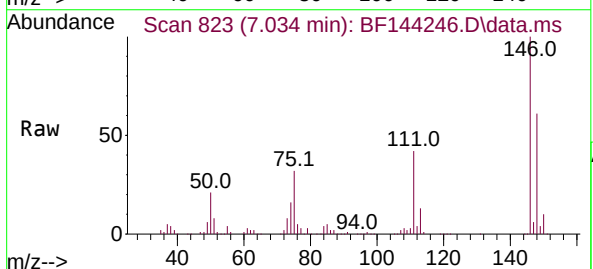
Tgt Ion:146 Resp: 199288

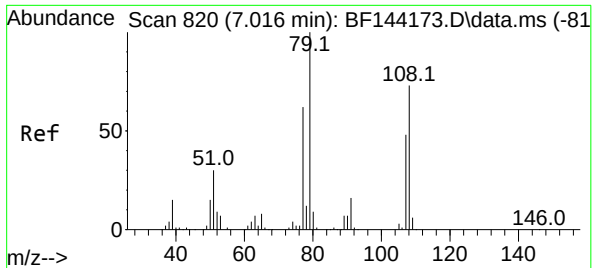
Ion Ratio Lower Upper

146 100

148 61.1 50.7 76.1

111 42.2 34.2 51.4





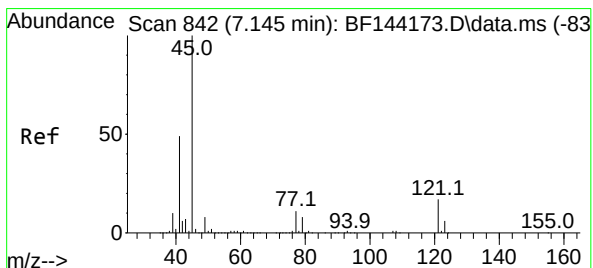
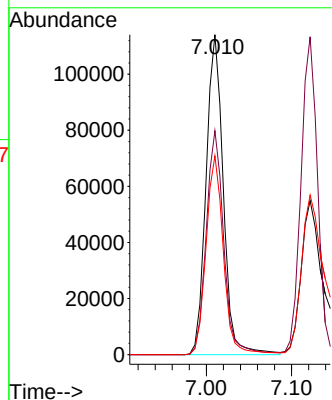
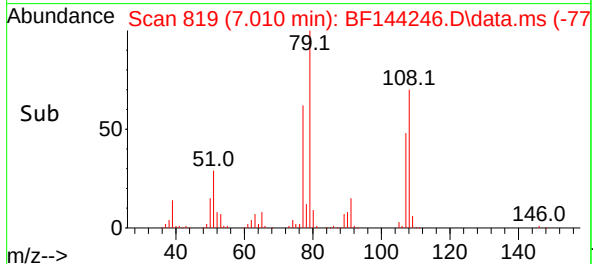
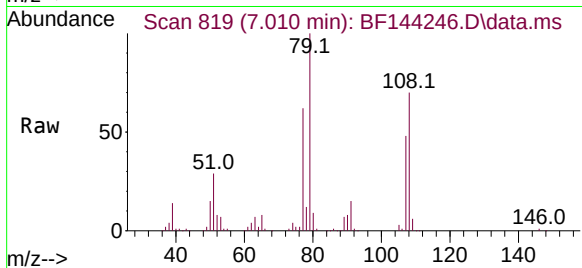
#15
Benzyl Alcohol
Concen: 47.448 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Tgt Ion: 79 Resp: 160046
Ion Ratio Lower Upper
79 100
108 70.0 58.2 87.4
77 62.1 49.9 74.9

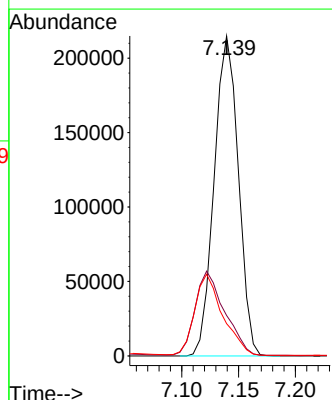
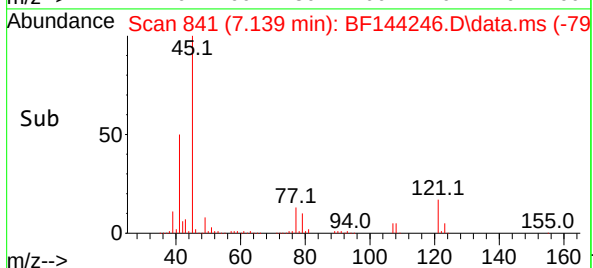
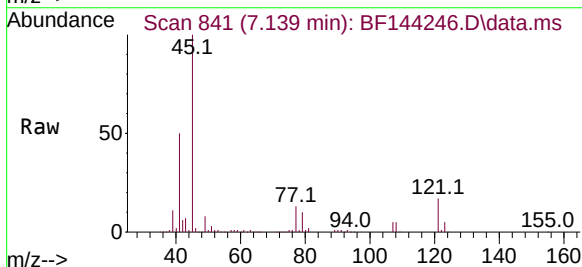
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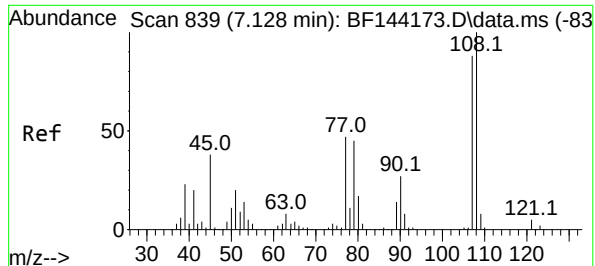
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.523 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion: 45 Resp: 317923
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.8
79 10.1 0.0 29.1





#17

2-Methylphenol

Concen: 45.616 ng

RT: 7.122 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:107 Resp: 133795

Ion Ratio Lower Upper

107 100

108 113.3 91.0 136.4

77 56.9 42.7 64.1

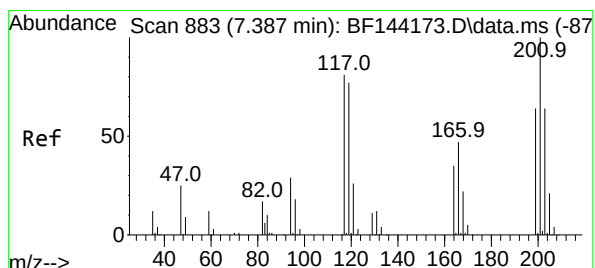
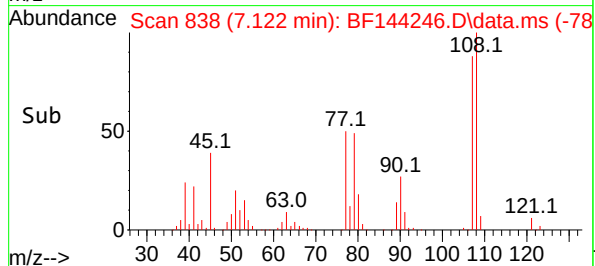
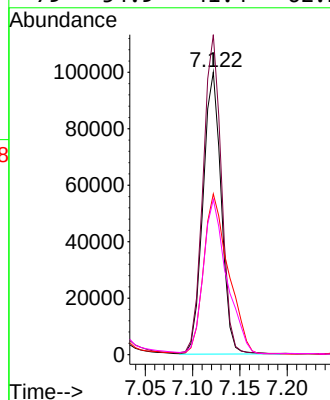
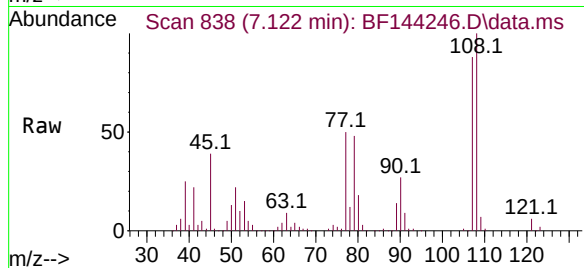
79 54.9 41.4 62.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#18

Hexachloroethane

Concen: 43.761 ng

RT: 7.375 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

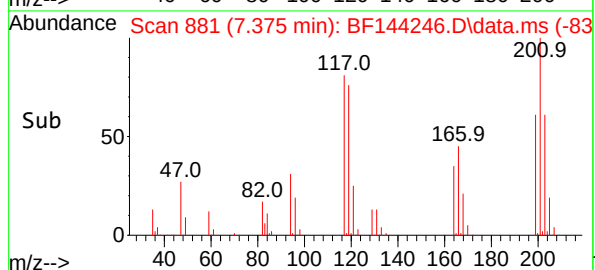
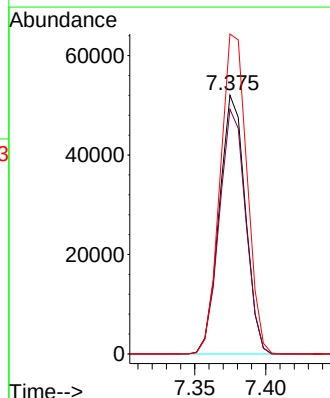
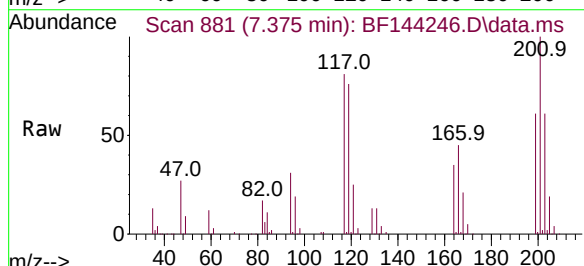
Tgt Ion:117 Resp: 66267

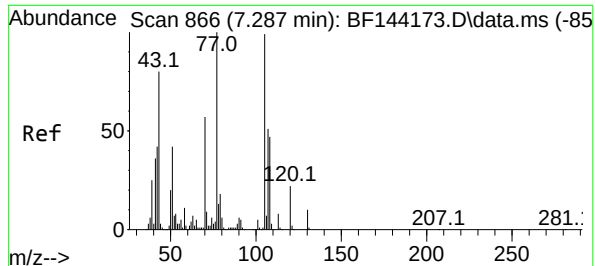
Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

201 123.7 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 45.743 ng

RT: 7.281 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion: 70 Resp: 12827

Ion Ratio Lower Upper

70 100

42 76.6 58.3 87.5

101 8.5 7.0 10.6

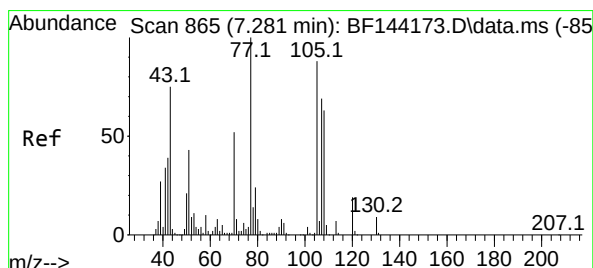
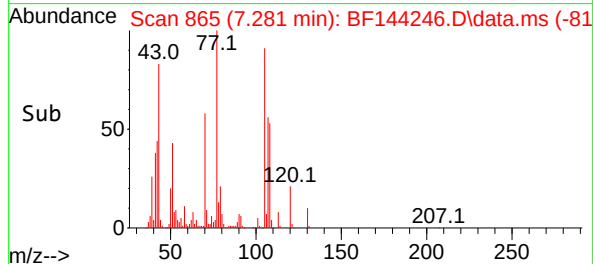
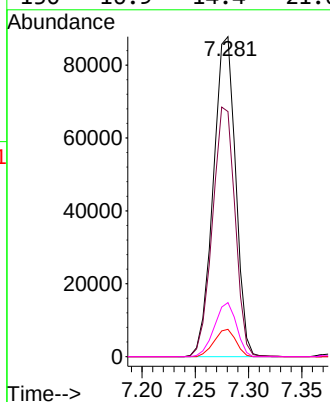
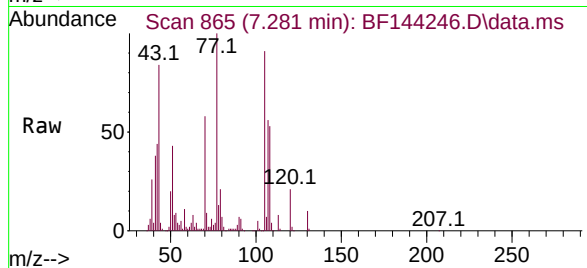
130 16.9 14.4 21.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 44.273 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Tgt Ion:107 Resp: 153078

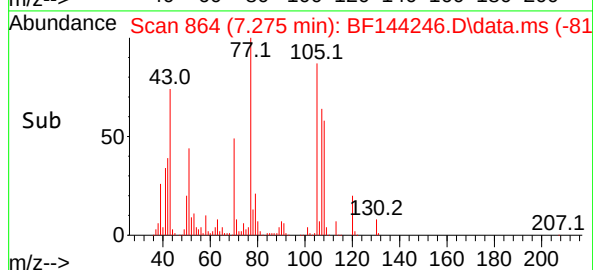
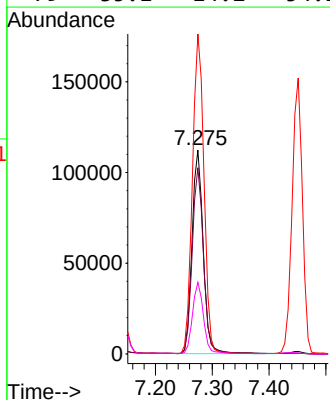
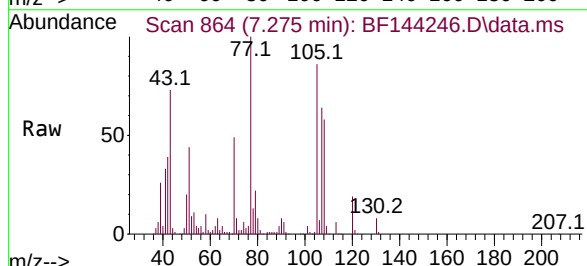
Ion Ratio Lower Upper

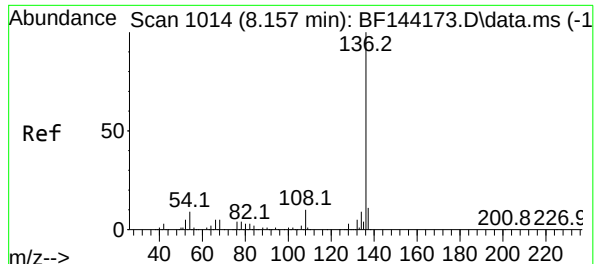
107 100

108 91.4 70.2 110.2

77 157.0 123.9 163.9

79 35.1 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:136 Resp: 241570

Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 7.7 7.0 10.6

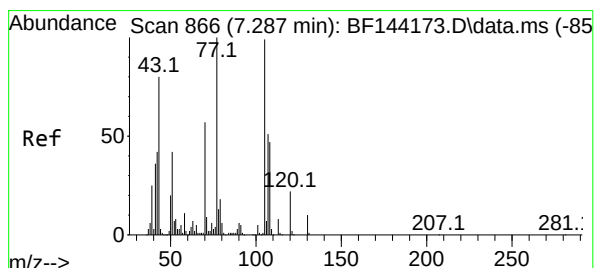
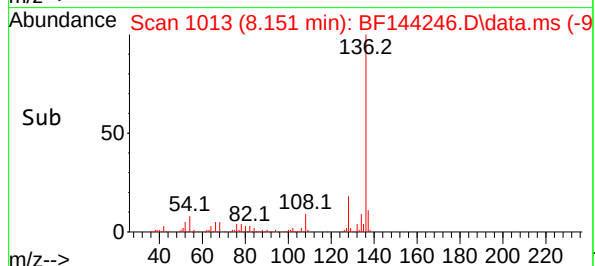
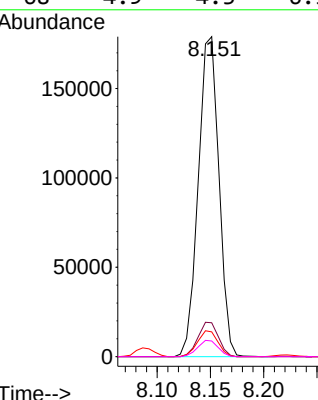
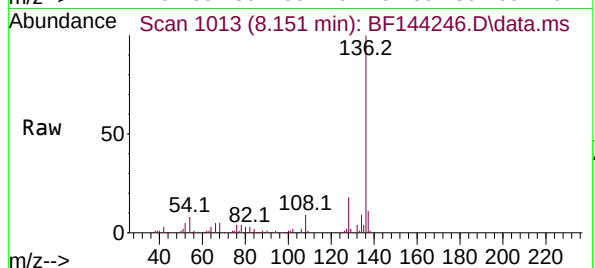
68 4.9 4.3 6.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#22

Acetophenone

Concen: 42.108 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Tgt Ion:105 Resp: 218214

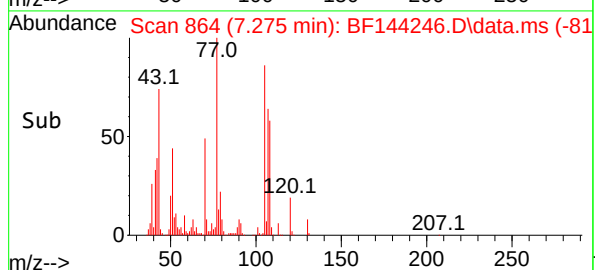
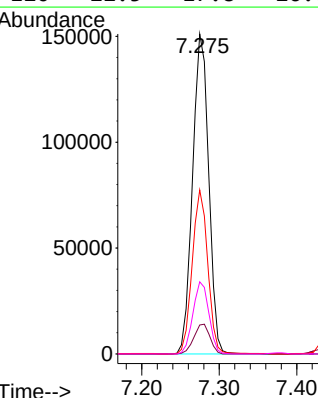
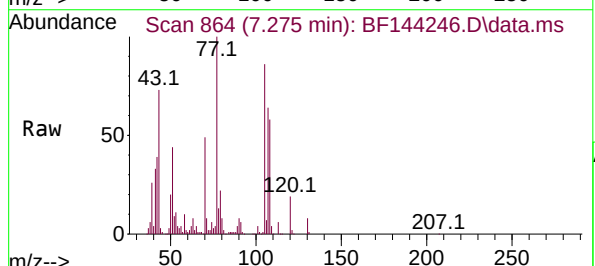
Ion Ratio Lower Upper

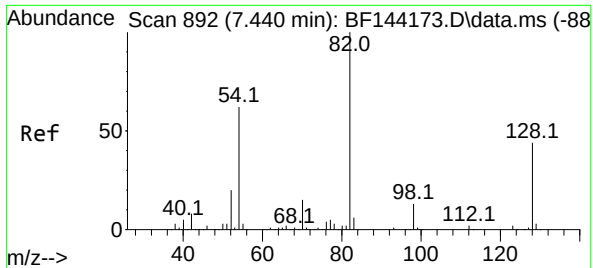
105 100

71 9.0 7.2 10.8

51 51.2 34.0 51.0#

120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 81.987 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion: 82 Resp: 342926

Ion Ratio Lower Upper

82 100

128 42.9 34.7 52.1

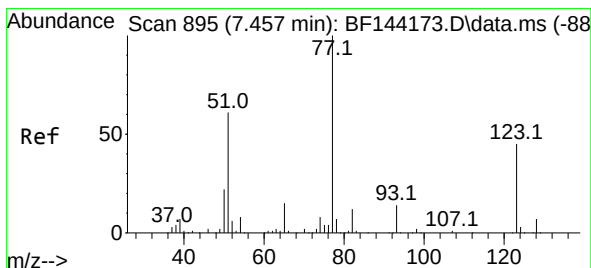
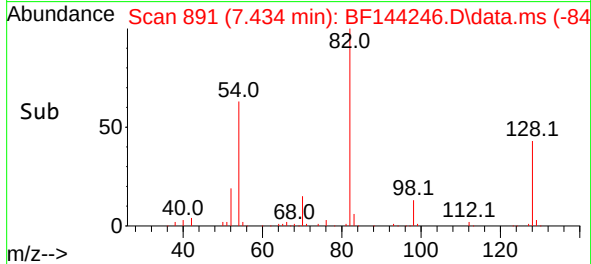
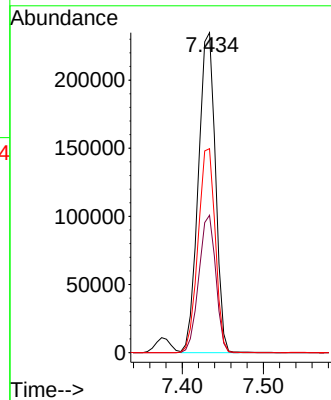
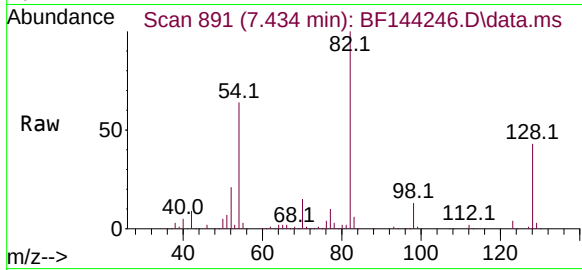
54 63.7 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 42.265 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

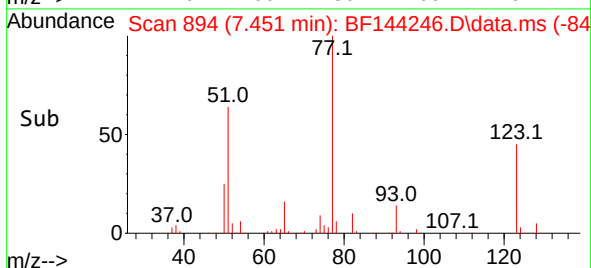
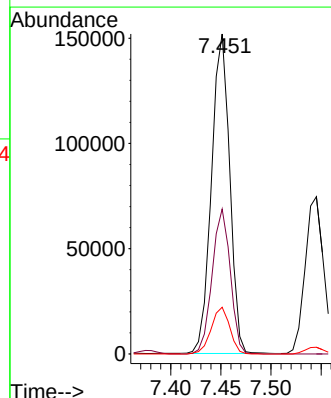
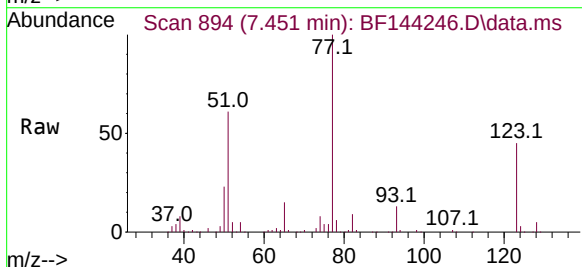
Tgt Ion: 77 Resp: 191943

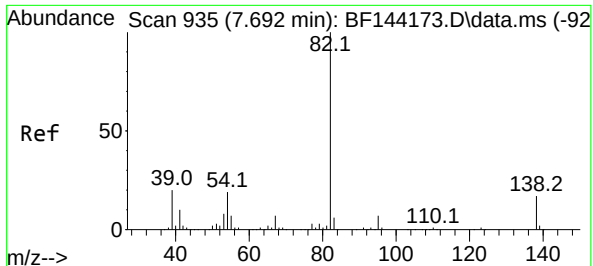
Ion Ratio Lower Upper

77 100

123 45.3 35.8 53.8

65 14.6 12.2 18.2





#25

Isophorone

Concen: 43.731 ng

RT: 7.686 min Scan# 934

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion: 82 Resp: 345984

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

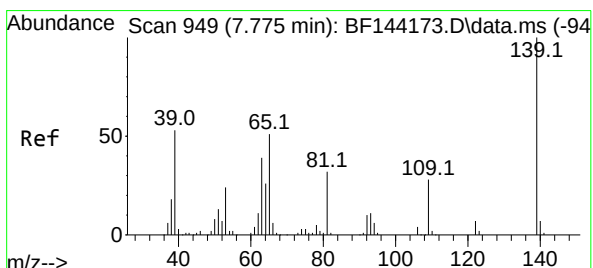
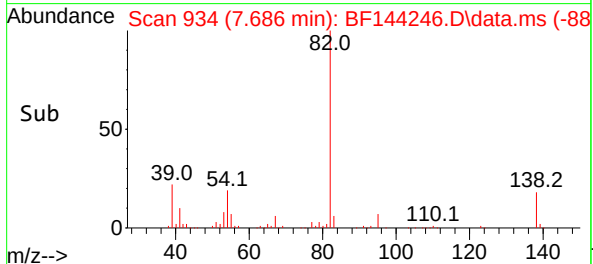
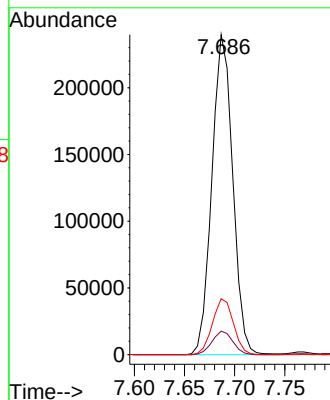
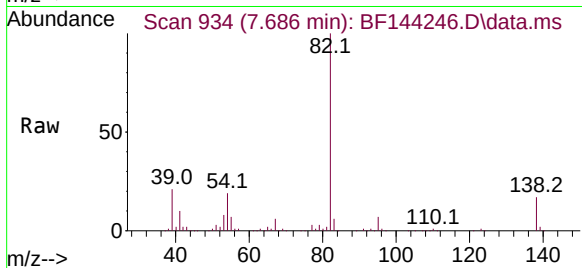
138 17.5 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#26

2-Nitrophenol

Concen: 44.039 ng

RT: 7.763 min Scan# 947

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

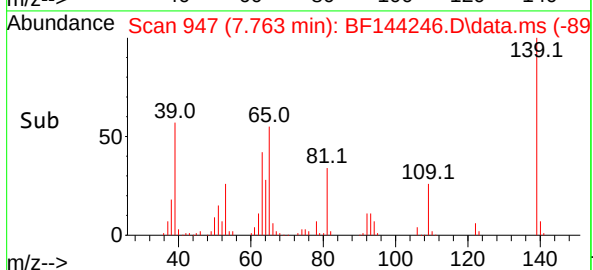
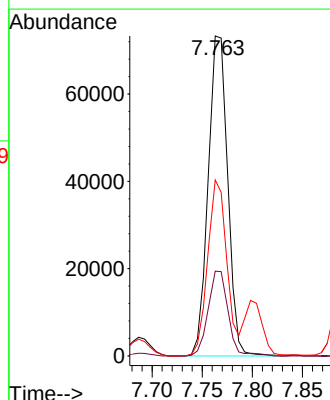
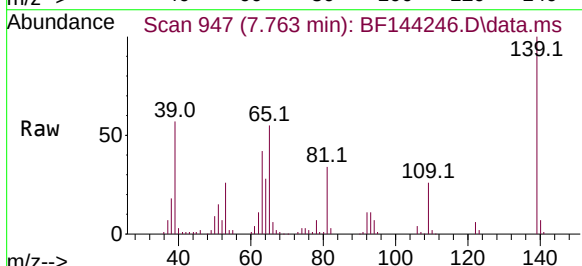
Tgt Ion:139 Resp: 99002

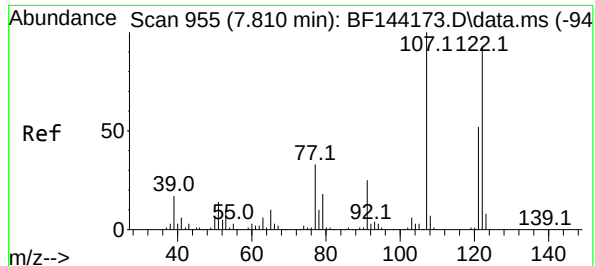
Ion Ratio Lower Upper

139 100

109 26.5 22.2 33.2

65 55.0 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 46.070 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:122 Resp: 15523

Ion Ratio Lower Upper

122 100

107 114.8 86.2 129.4

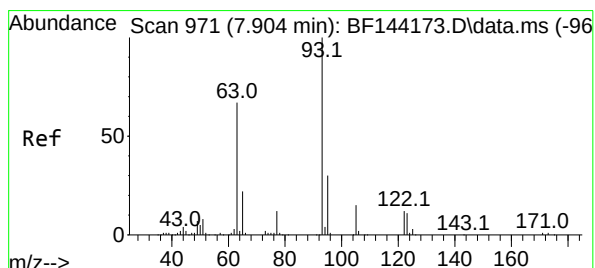
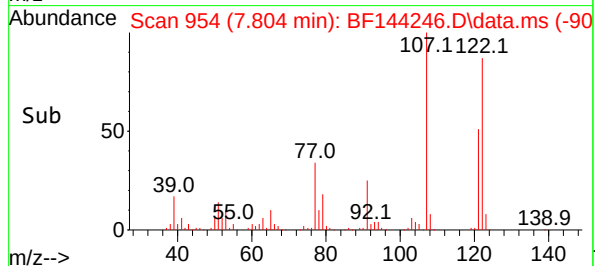
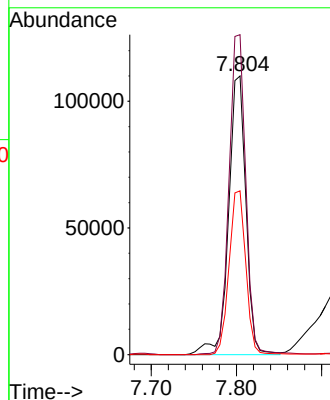
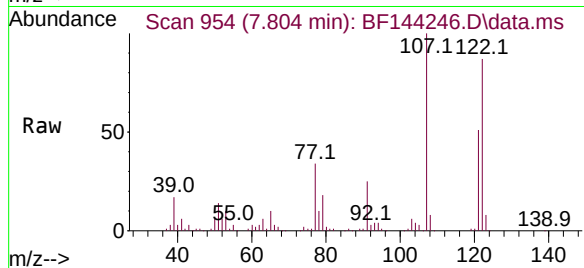
121 58.8 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.534 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

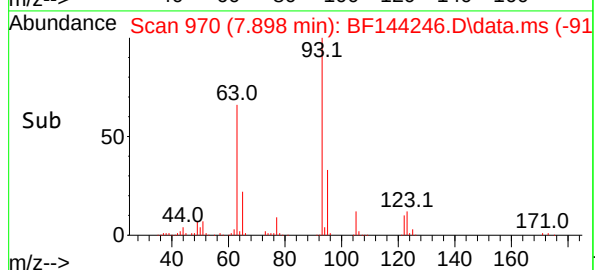
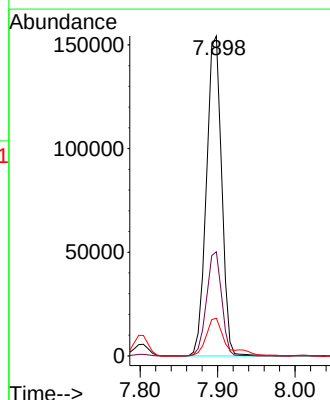
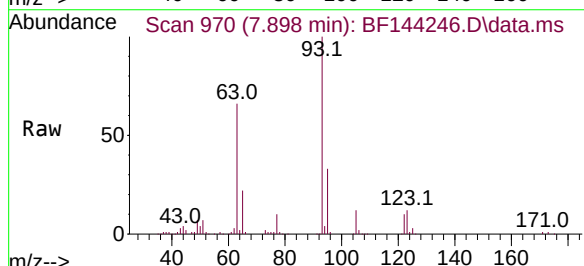
Tgt Ion: 93 Resp: 210138

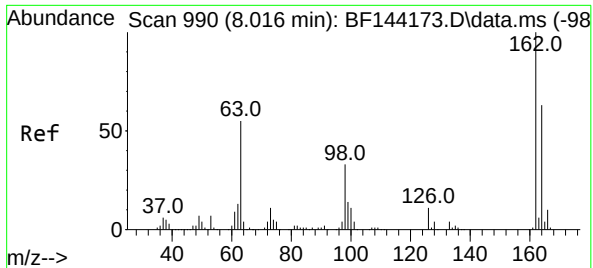
Ion Ratio Lower Upper

93 100

95 32.5 24.2 36.4

123 11.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.281 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:162 Resp: 160319

Ion Ratio Lower Upper

162 100

164 63.8 42.9 82.9

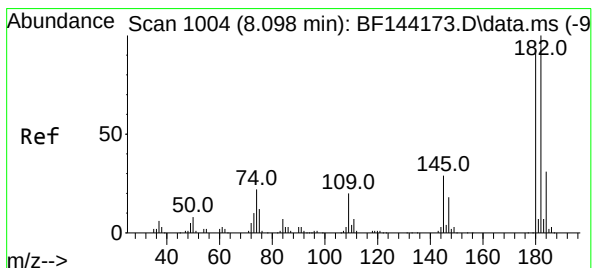
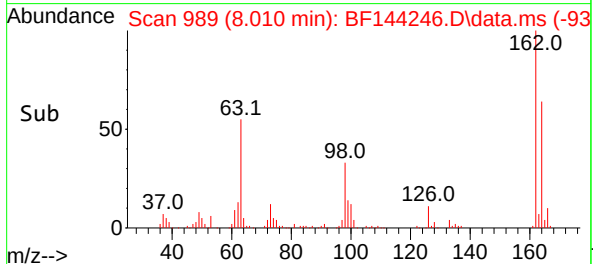
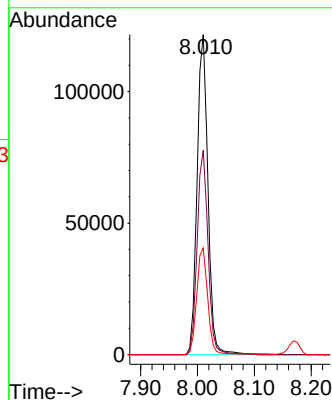
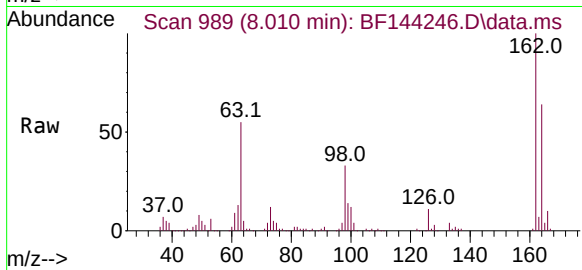
98 33.3 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.651 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

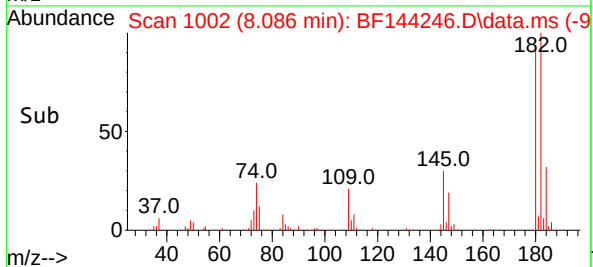
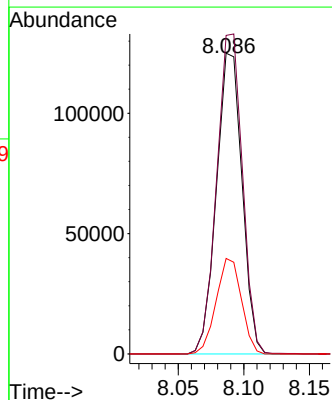
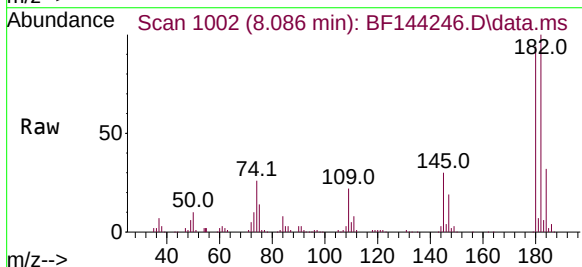
Tgt Ion:180 Resp: 170085

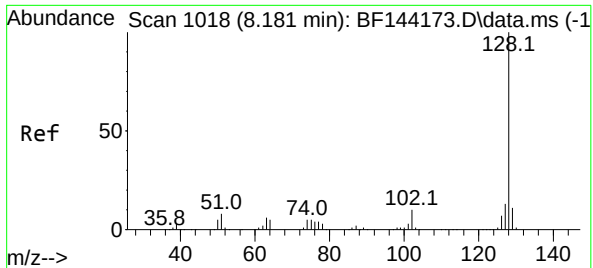
Ion Ratio Lower Upper

180 100

182 105.9 87.7 131.5

145 31.8 25.4 38.0





#31

Naphthalene

Concen: 41.066 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

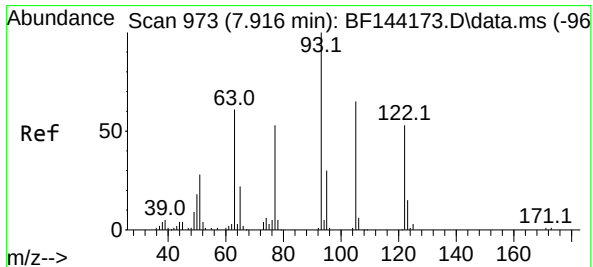
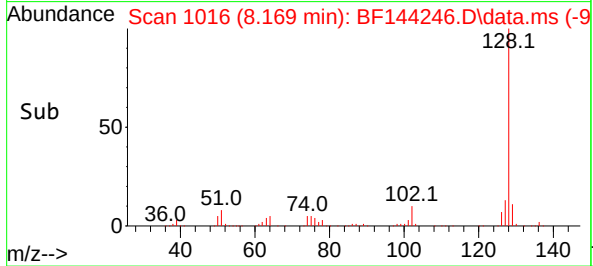
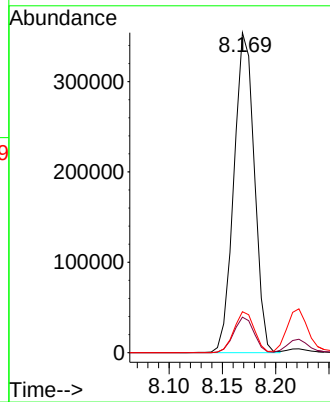
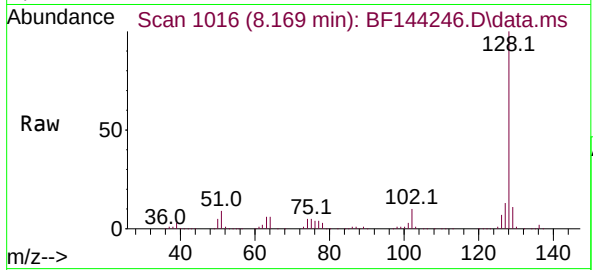
Tgt Ion:128 Resp: 471894

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.8	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#32

Benzoic acid

Concen: 41.876 ng

RT: 7.934 min Scan# 976

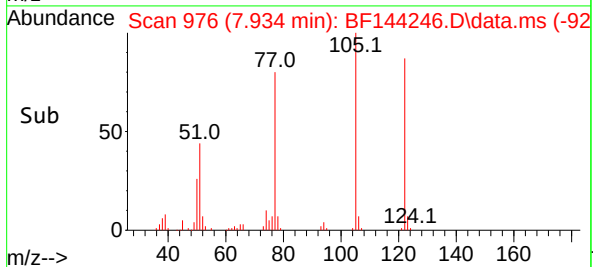
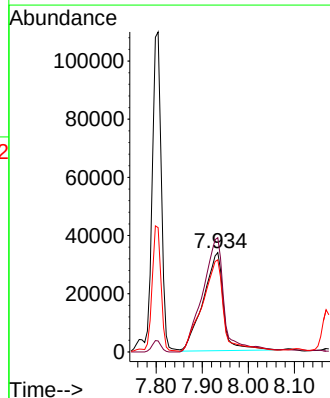
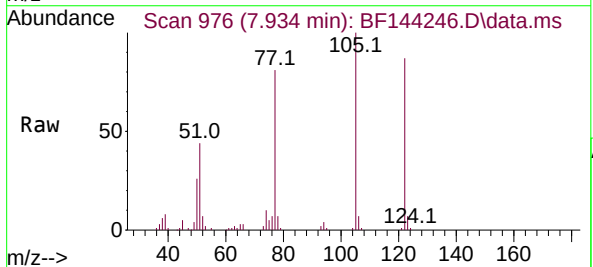
Delta R.T. -0.018 min

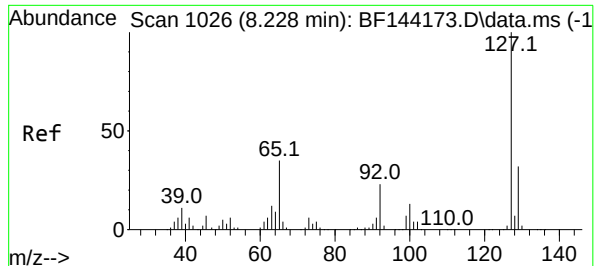
Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Tgt Ion:122 Resp: 103430

Ion	Ratio	Lower	Upper
122	100		
105	115.0	99.9	139.9
77	92.8	77.5	117.5





#33

4-Chloroaniline

Concen: 16.729 ng

RT: 8.222 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:127 Resp: 7011

Ion Ratio Lower Upper

127 100

129 30.7 25.3 37.9

65 34.6 27.6 41.4

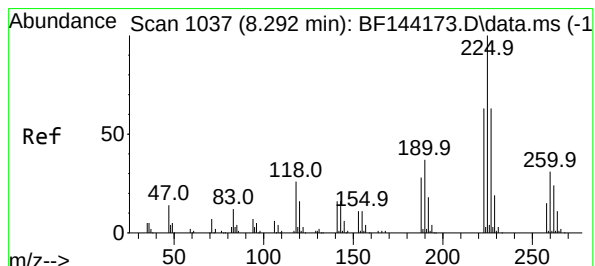
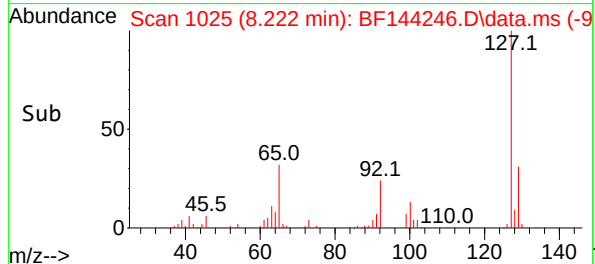
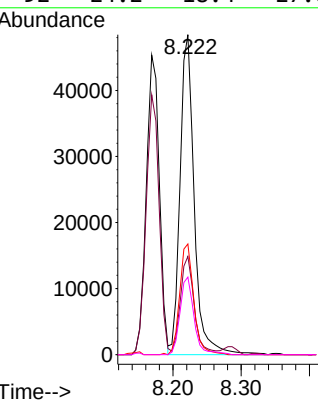
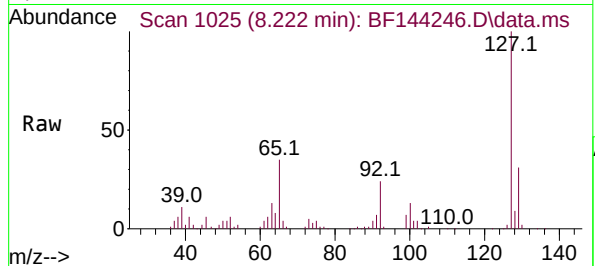
92 24.2 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#34

Hexachlorobutadiene

Concen: 40.358 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

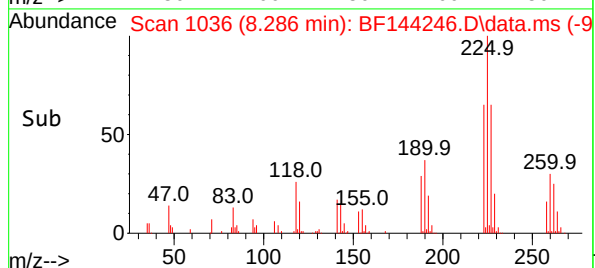
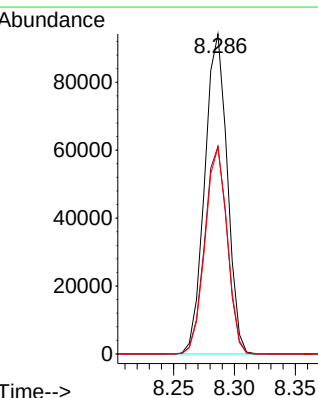
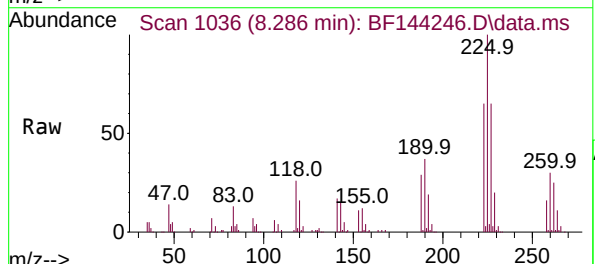
Tgt Ion:225 Resp: 121293

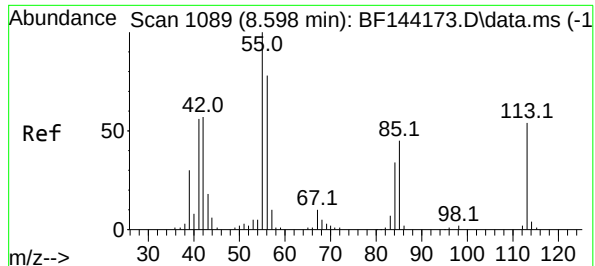
Ion Ratio Lower Upper

225 100

223 64.9 50.2 75.4

227 64.5 50.1 75.1





#35

Caprolactam

Concen: 47.419 ng m

RT: 8.592 min Scan# 1089

Delta R.T. -0.029 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:113 Resp: 50453

Ion Ratio Lower Upper

113 100

55 179.1 166.8 206.8

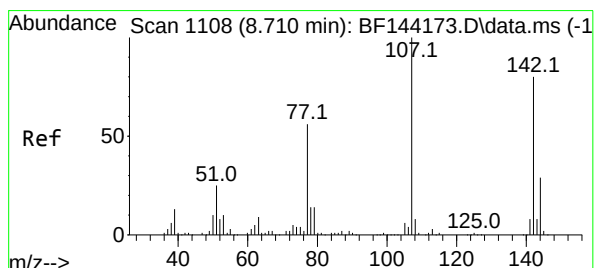
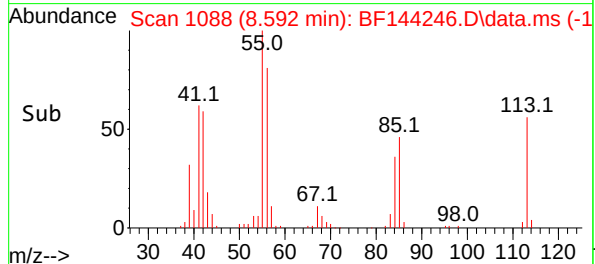
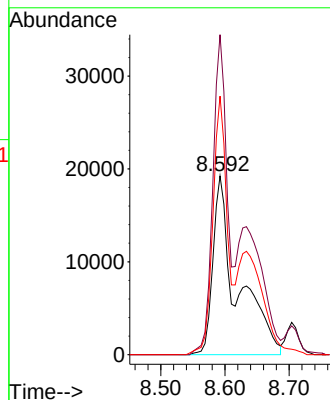
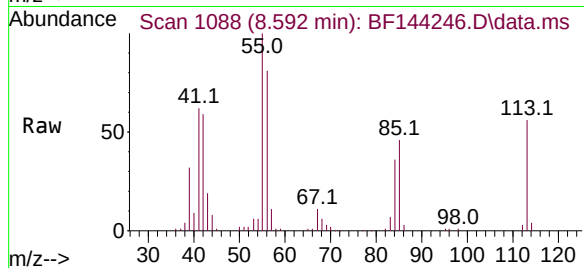
56 144.7 125.9 165.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#36

4-Chloro-3-methylphenol

Concen: 43.453 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

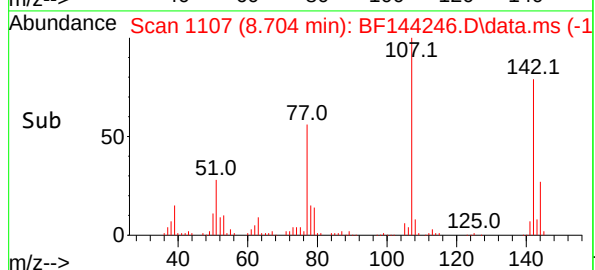
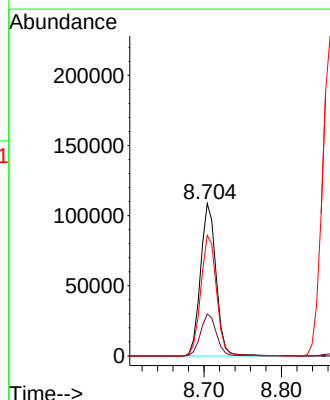
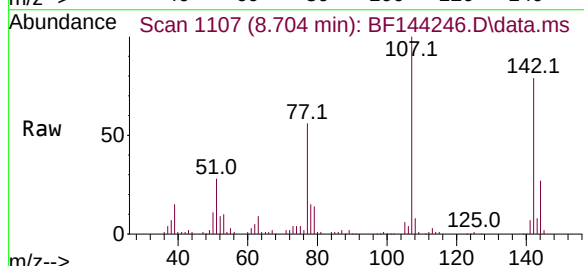
Tgt Ion:107 Resp: 151236

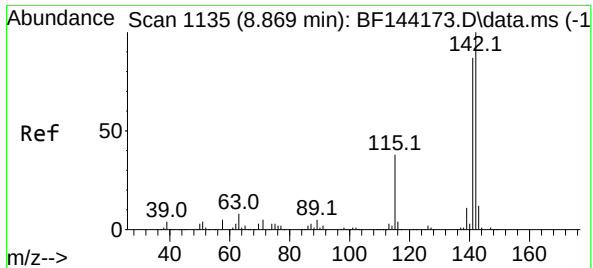
Ion Ratio Lower Upper

107 100

144 27.5 23.3 34.9

142 79.0 63.8 95.6





#37

2-Methylnaphthalene

Concen: 38.785 ng

RT: 8.863 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:142 Resp: 297986

Ion Ratio Lower Upper

142 100

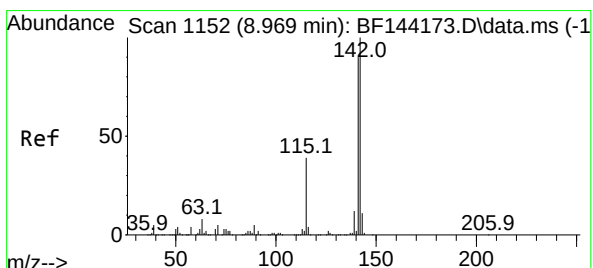
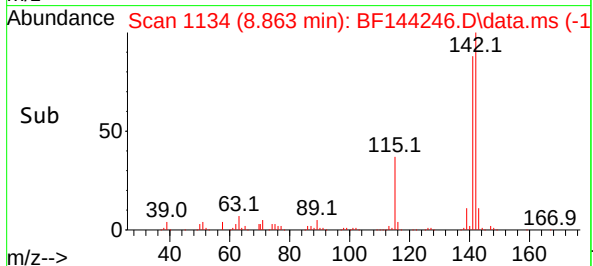
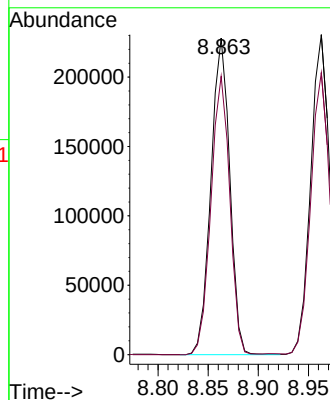
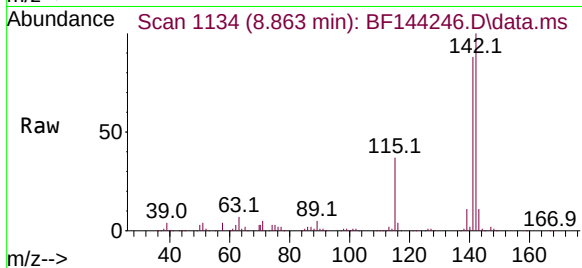
141 87.9 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#38

1-Methylnaphthalene

Concen: 40.456 ng

RT: 8.963 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF144246.D

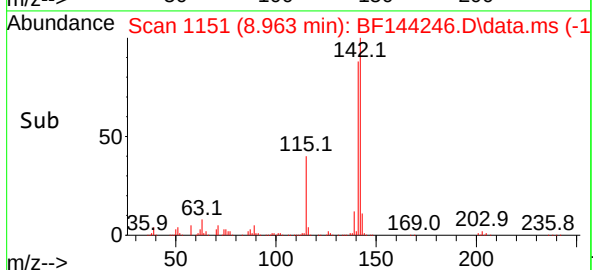
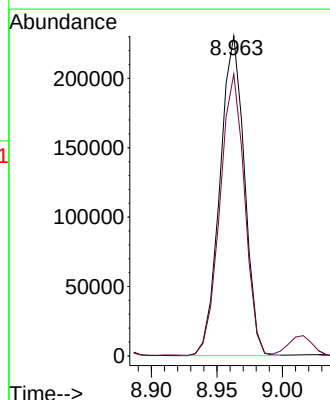
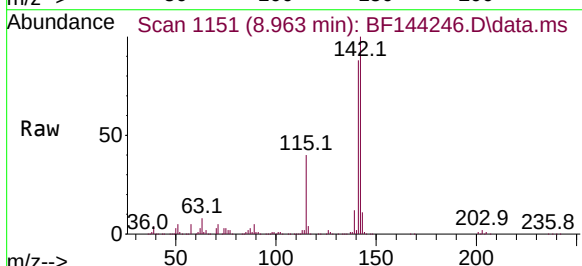
Acq: 13 Nov 2025 16:24

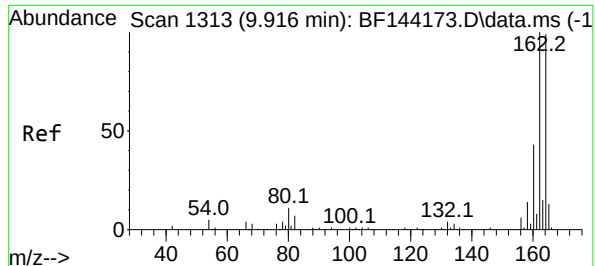
Tgt Ion:142 Resp: 299912

Ion Ratio Lower Upper

142 100

141 88.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF144246.D

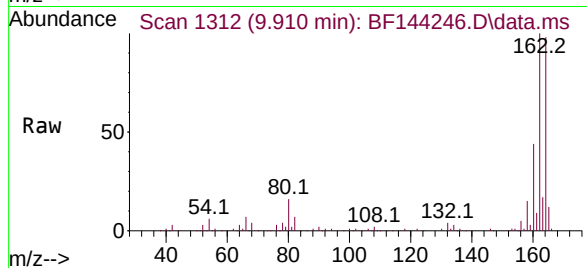
Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD



Tgt Ion:164 Resp: 135120

Ion Ratio Lower Upper

164 100

162 101.6 81.1 121.7

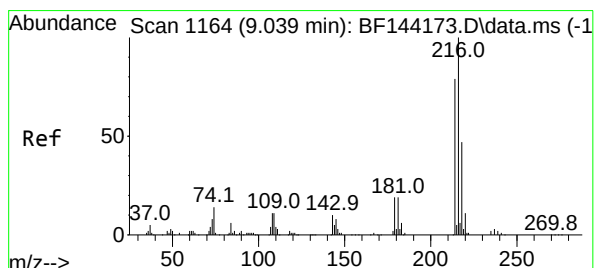
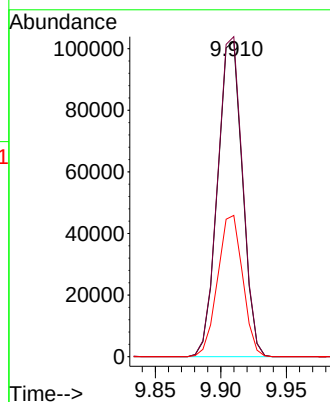
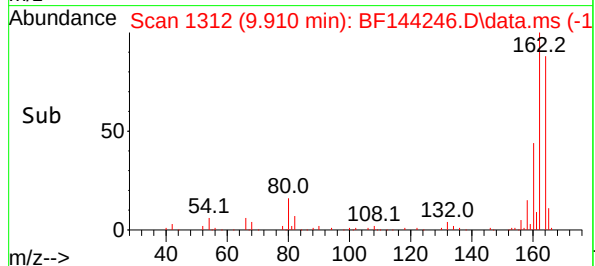
160 44.8 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.909 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Tgt Ion:216 Resp: 181158

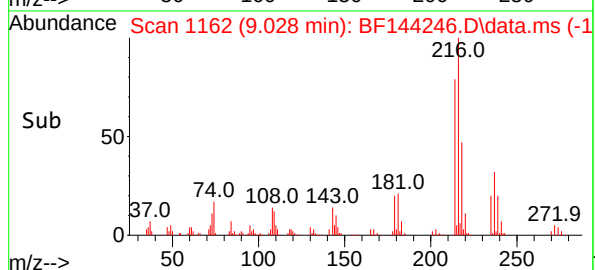
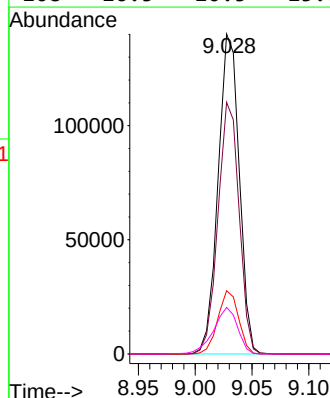
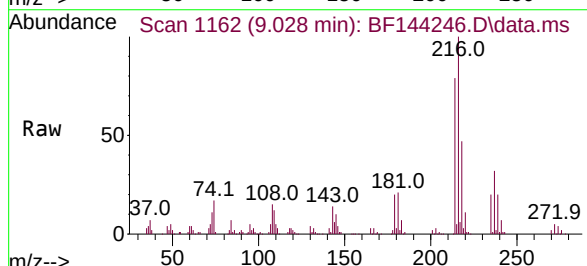
Ion Ratio Lower Upper

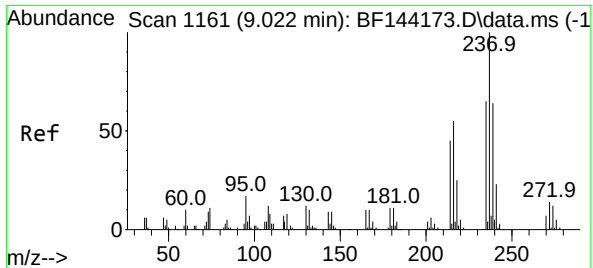
216 100

214 78.5 63.4 95.2

179 19.3 15.0 22.4

108 16.5 10.5 15.7#





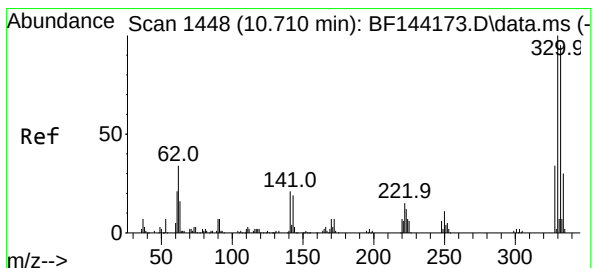
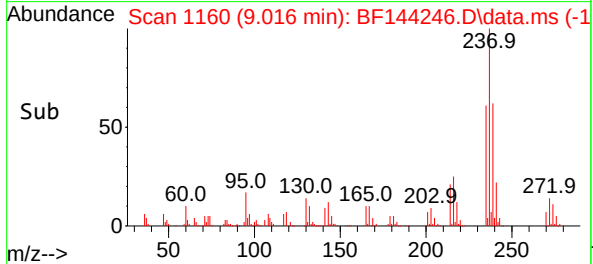
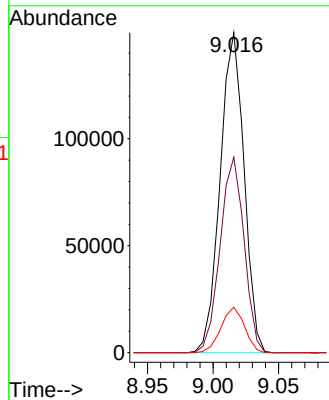
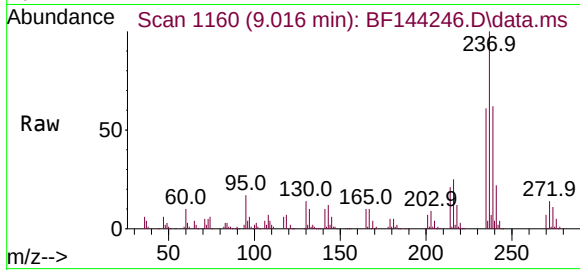
#41
Hexachlorocyclopentadiene
Concen: 100.084 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Tgt Ion:237 Resp: 190222
Ion Ratio Lower Upper
237 100
235 61.0 45.5 85.5
272 14.2 0.0 33.5

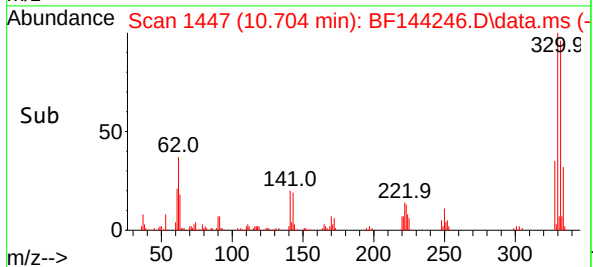
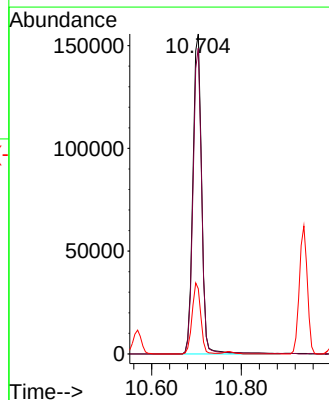
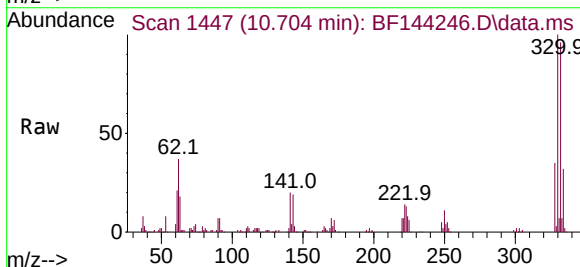
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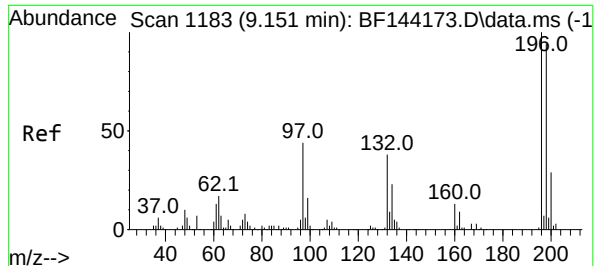
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#42
2,4,6-Tribromophenol
Concen: 124.170 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:330 Resp: 210542
Ion Ratio Lower Upper
330 100
332 94.6 76.7 115.1
141 21.8 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 41.009 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:196 Resp: 123600

Ion Ratio Lower Upper

196 100

198 96.4 75.3 112.9

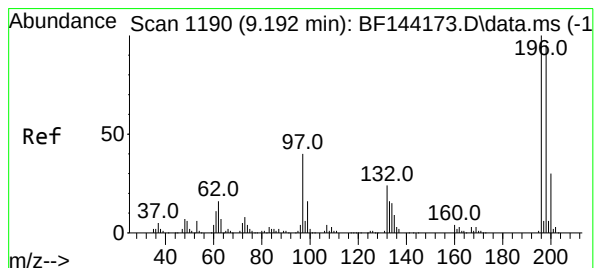
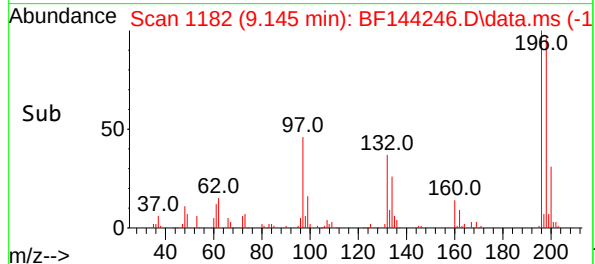
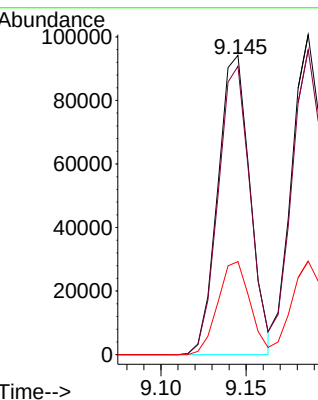
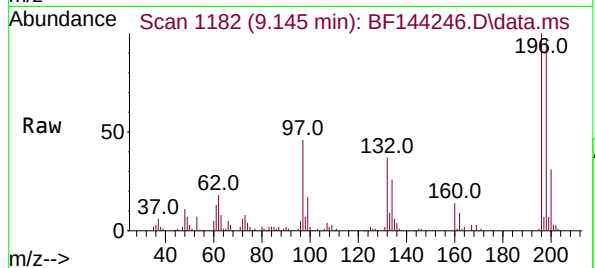
200 31.1 23.4 35.2

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Supervised By :Sohil Jodhani 11/14/2025



#44

2,4,5-Trichlorophenol

Concen: 41.466 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Tgt Ion:196 Resp: 134698

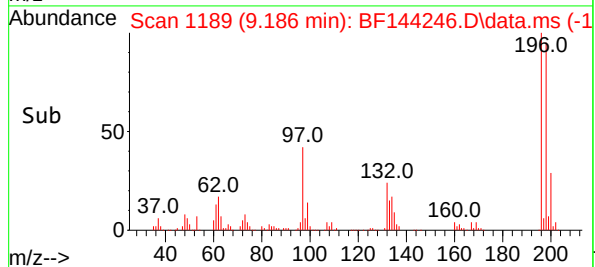
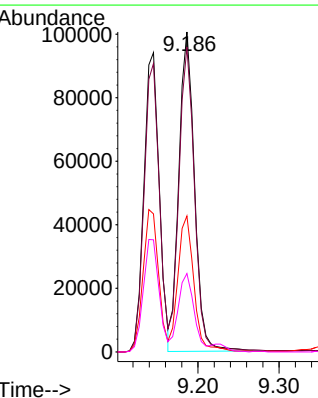
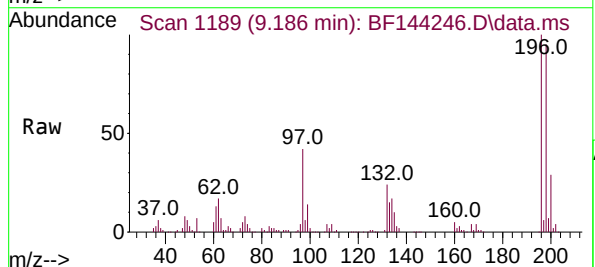
Ion Ratio Lower Upper

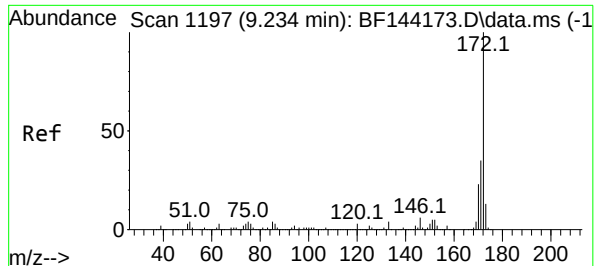
196 100

198 95.3 76.1 114.1

97 42.5 31.9 47.9

132 24.5 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 78.510 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:172 Resp: 718260

Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

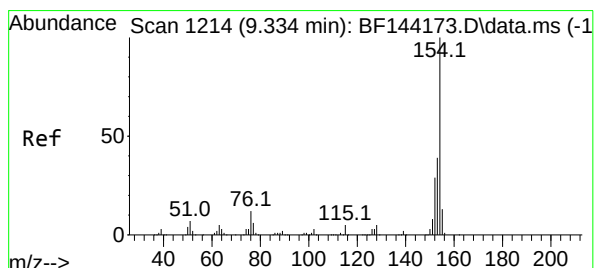
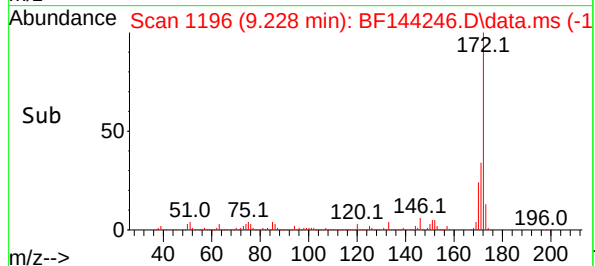
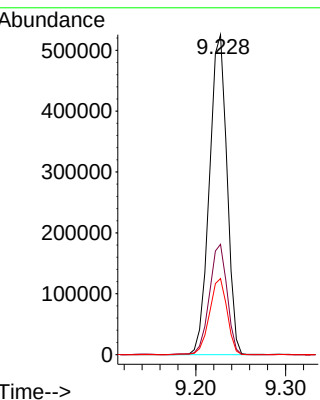
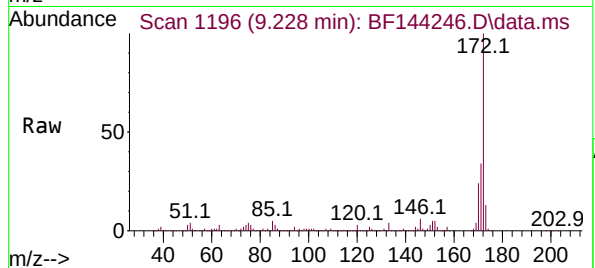
170 23.8 18.6 28.0

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#46

1,1'-Biphenyl

Concen: 42.195 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

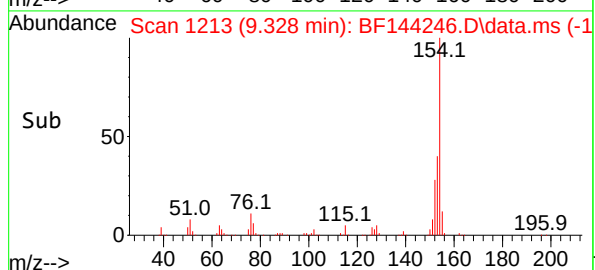
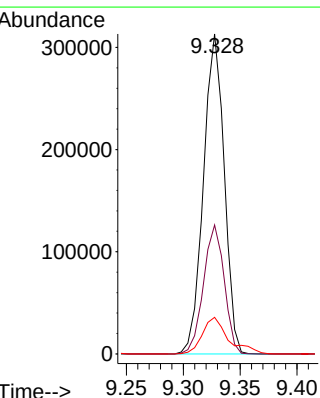
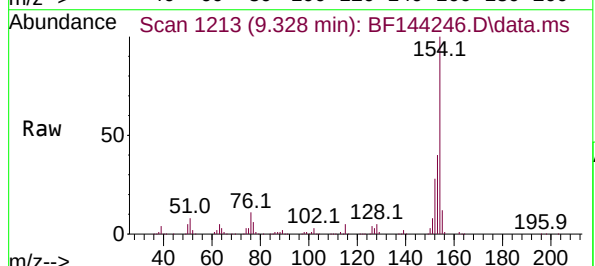
Tgt Ion:154 Resp: 397971

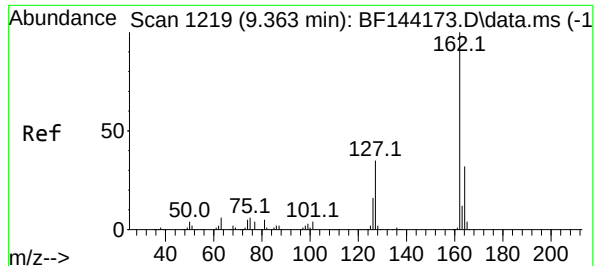
Ion Ratio Lower Upper

154 100

153 40.3 19.2 59.2

76 11.4 0.0 31.8





#47

2-Chloronaphthalene

Concen: 42.026 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:162 Resp: 338120

Ion Ratio Lower Upper

162 100

127 37.3 28.8 43.2

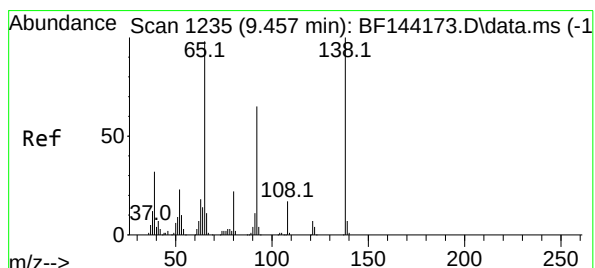
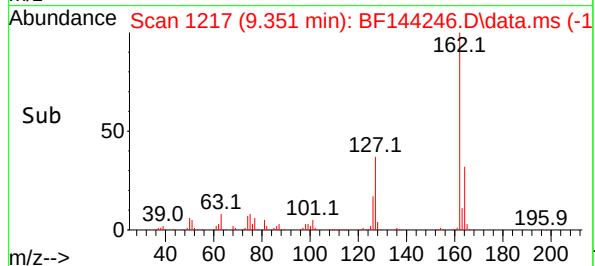
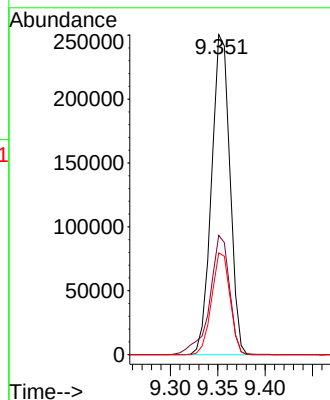
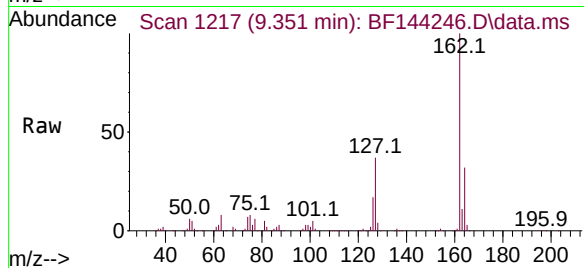
164 31.8 25.8 38.8

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Supervised By :Sohil Jodhani 11/14/2025



#48

2-Nitroaniline

Concen: 46.612 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

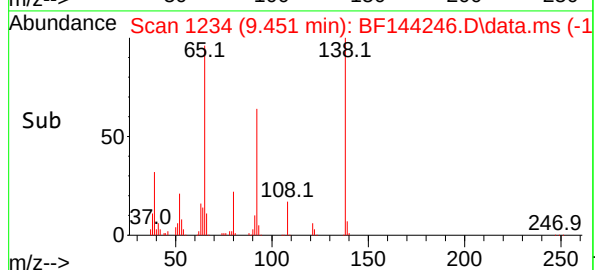
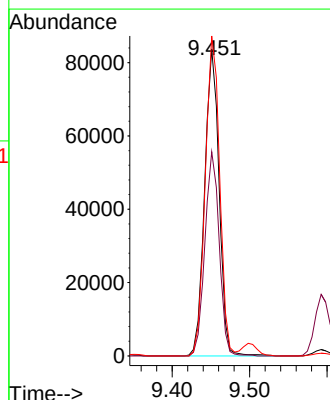
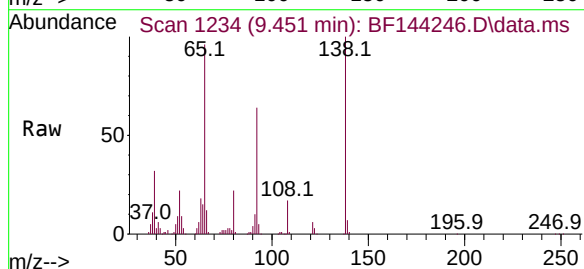
Tgt Ion: 65 Resp: 108204

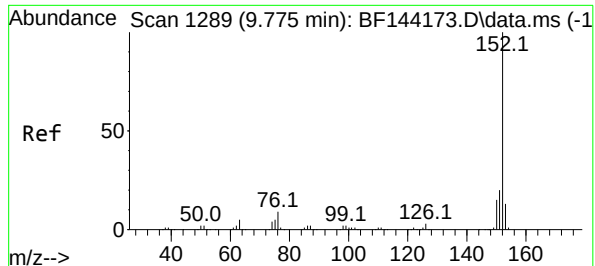
Ion Ratio Lower Upper

65 100

92 66.5 53.0 79.6

138 104.3 81.6 122.4





#49

Acenaphthylene

Concen: 47.030 ng

RT: 9.769 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

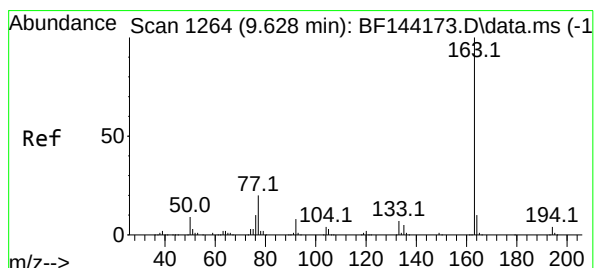
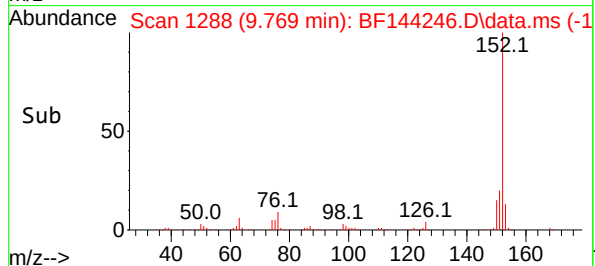
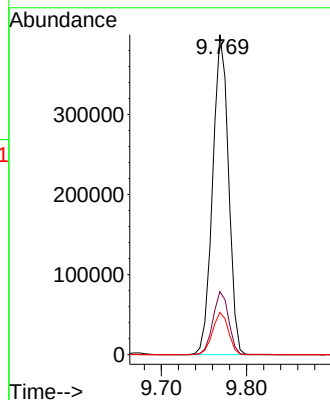
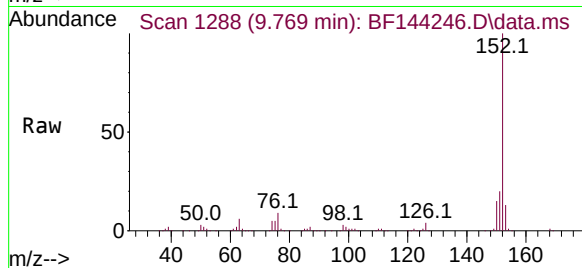
Tgt Ion:152 Resp: 515625

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.2	10.5	15.7

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Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

Concen: 44.550 ng

RT: 9.628 min Scan# 1264

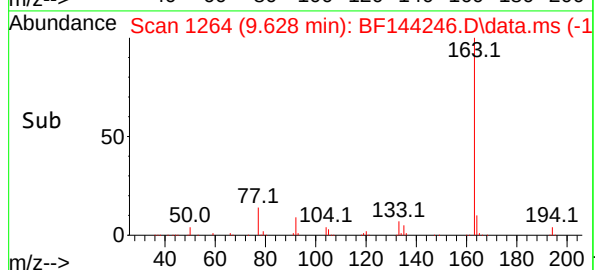
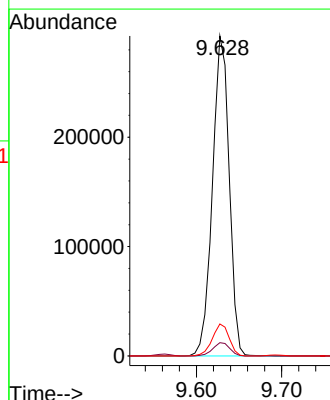
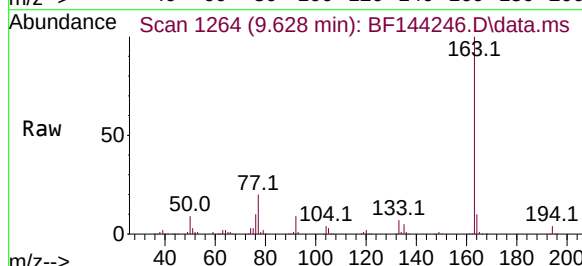
Delta R.T. -0.000 min

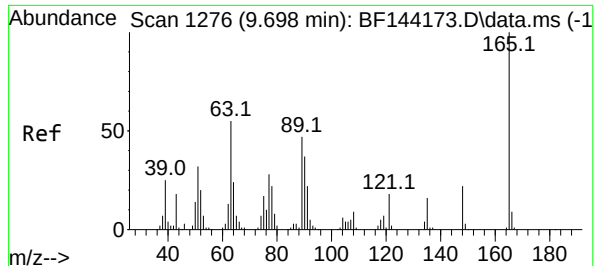
Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Tgt Ion:163 Resp: 398788

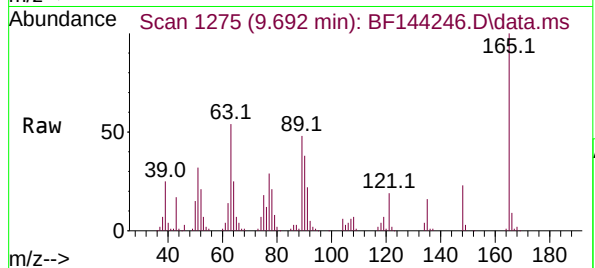
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 47.421 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

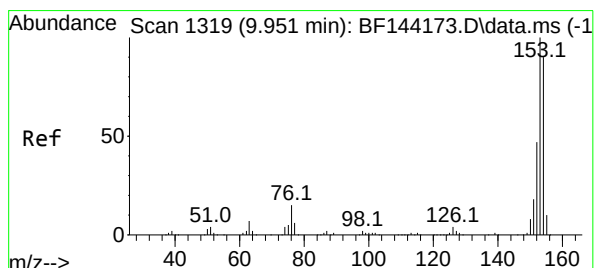
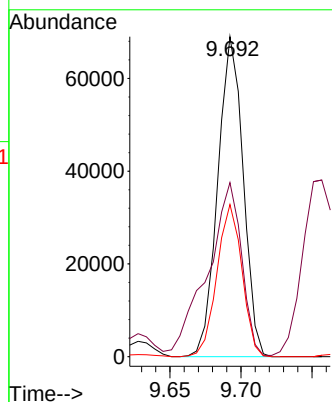
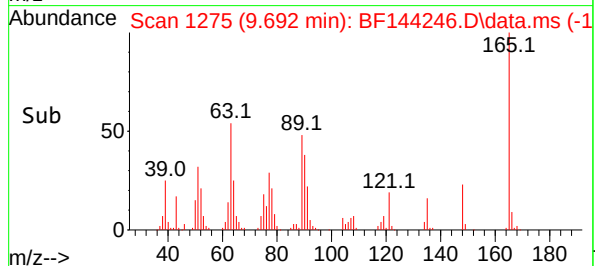
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



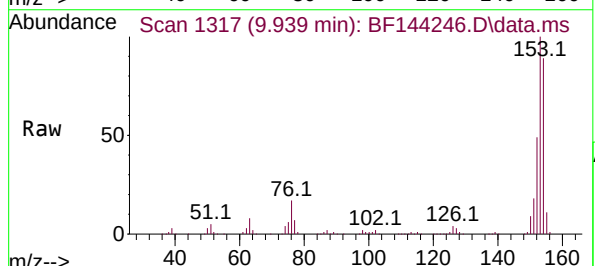
Tgt Ion:165 Resp: 85929
Ion Ratio Lower Upper
165 100
63 54.4 43.8 65.8
89 47.5 37.5 56.3

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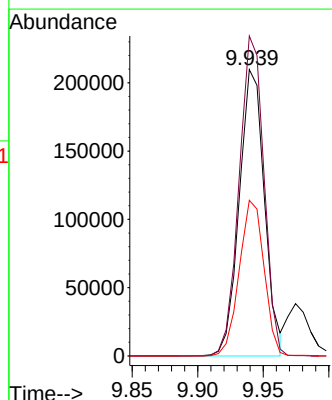
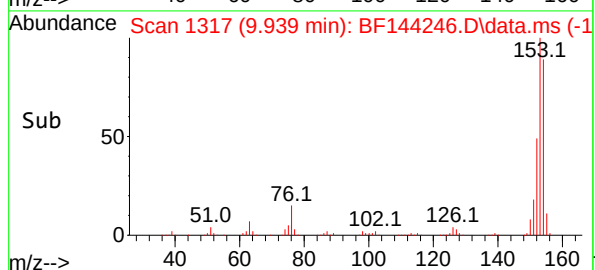
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

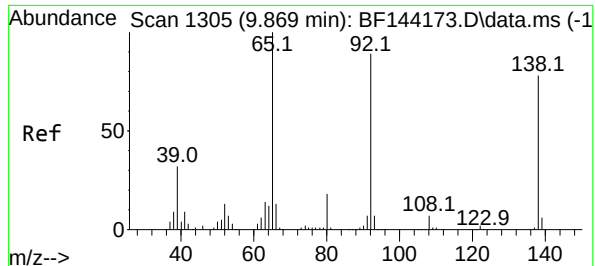


#52
Acenaphthene
Concen: 38.172 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:154 Resp: 279860
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.4
152 54.4 42.2 63.4





#53

3-Nitroaniline

Concen: 25.209 ng

RT: 9.863 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:138 Resp: 49936

Ion Ratio Lower Upper

138 100

108 9.9 7.5 11.3

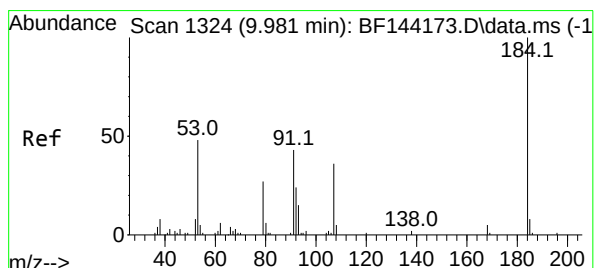
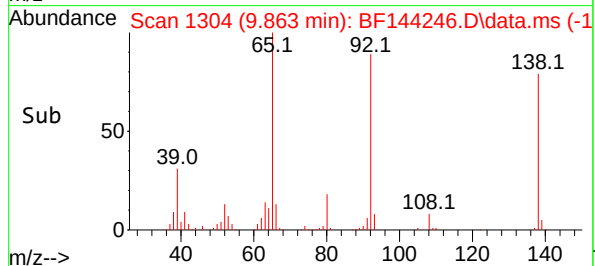
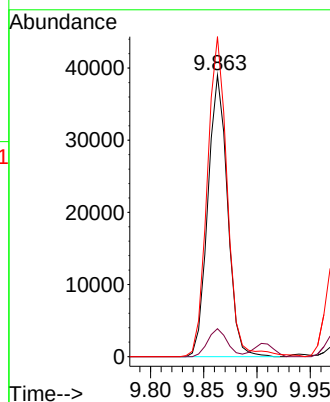
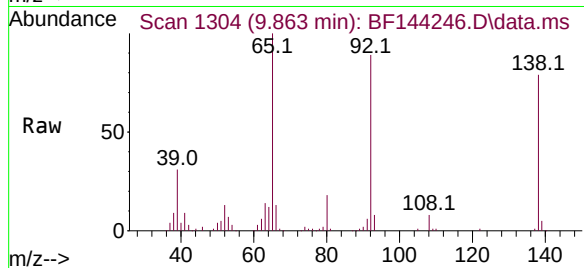
92 113.7 91.8 137.6

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Supervised By :Sohil Jodhani 11/14/2025



#54

2,4-Dinitrophenol

Concen: 88.729 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

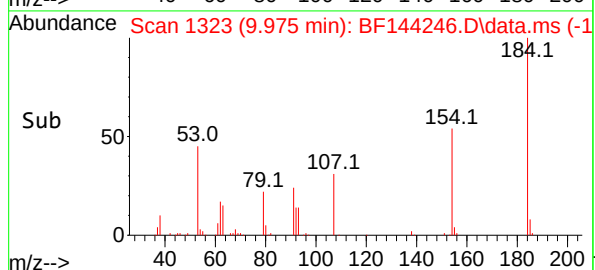
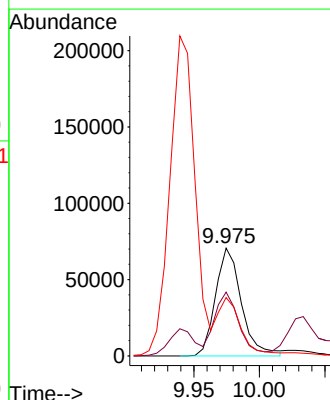
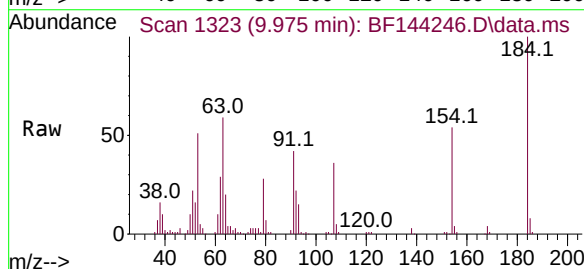
Tgt Ion:184 Resp: 97089

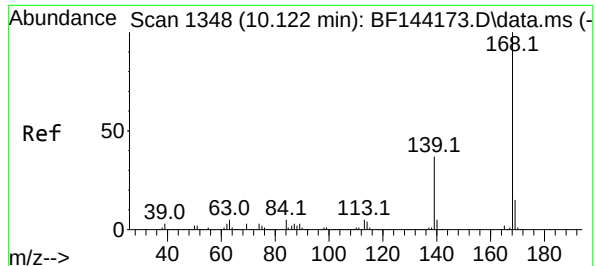
Ion Ratio Lower Upper

184 100

63 59.1 44.0 66.0

154 54.1 42.4 63.6





#55

Dibenzenofuran

Concen: 41.716 ng

RT: 10.116 min Scan# 1348

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:168 Resp: 428345

Ion Ratio Lower Upper

168 100

139 38.2 30.2 45.2

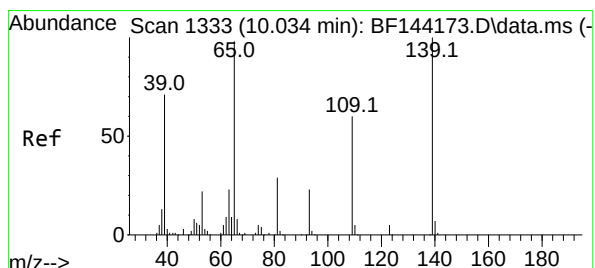
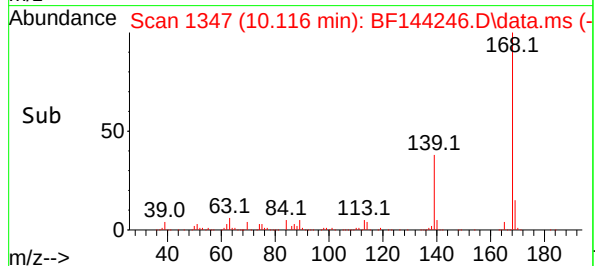
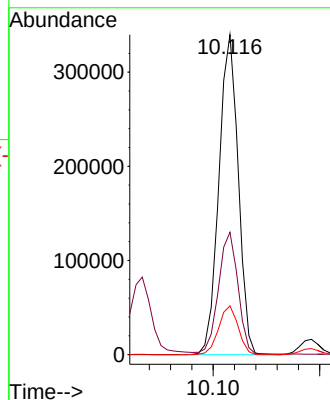
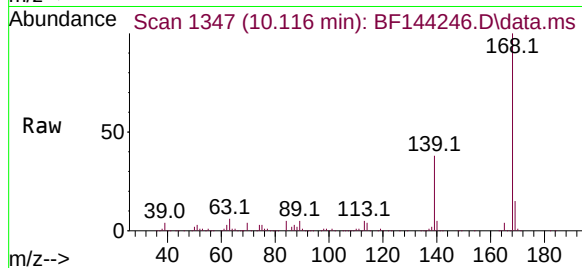
169 15.2 12.2 18.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#56

4-Nitrophenol

Concen: 80.874 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

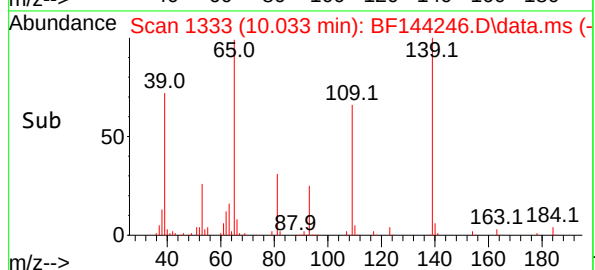
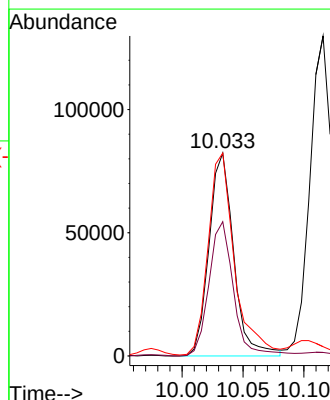
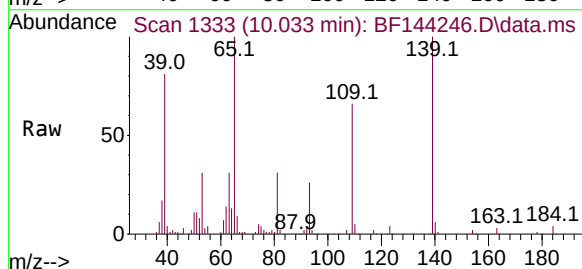
Tgt Ion:139 Resp: 115883

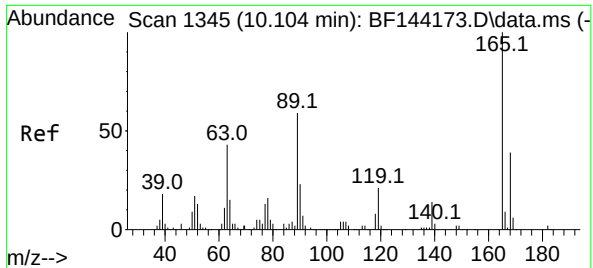
Ion Ratio Lower Upper

139 100

109 66.2 39.9 79.9

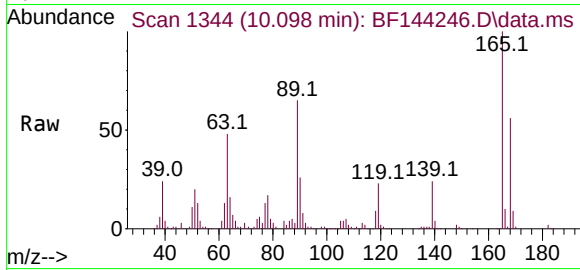
65 100.0 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 46.650 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

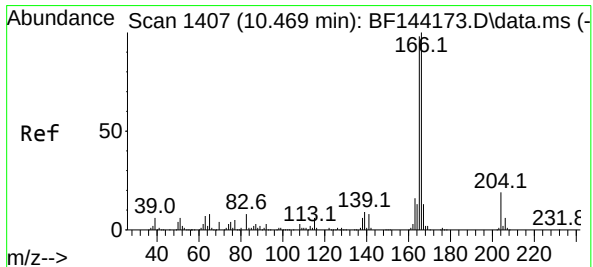
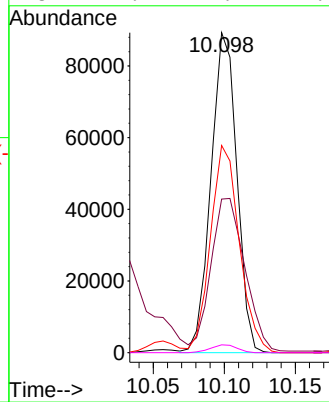
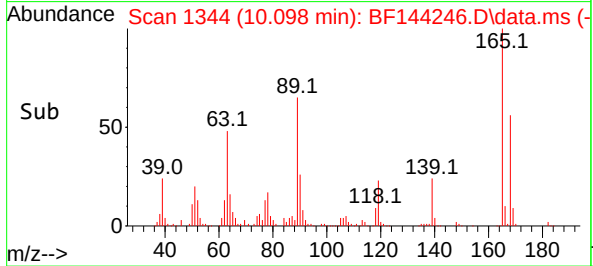
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



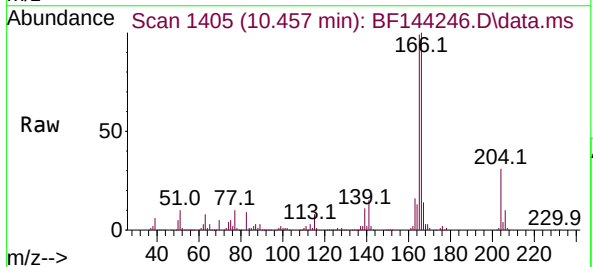
Tgt Ion:165 Resp: 113163
Ion Ratio Lower Upper
165 100
63 48.0 35.5 53.3
89 64.7 47.4 71.2
182 2.4 1.9 2.9

Manual Integrations
APPROVED

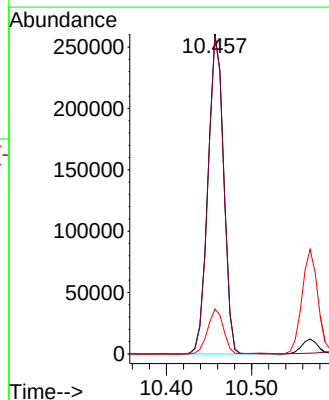
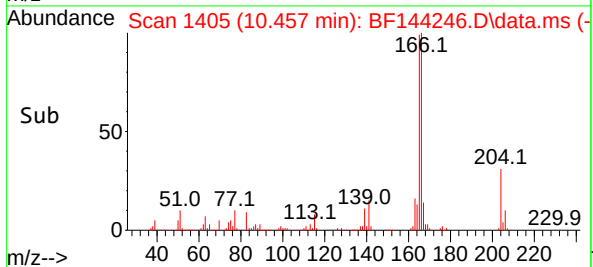
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

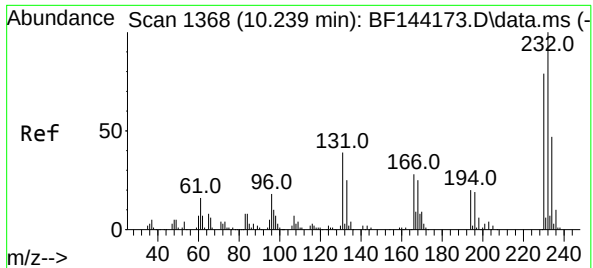


#58
Fluorene
Concen: 42.646 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



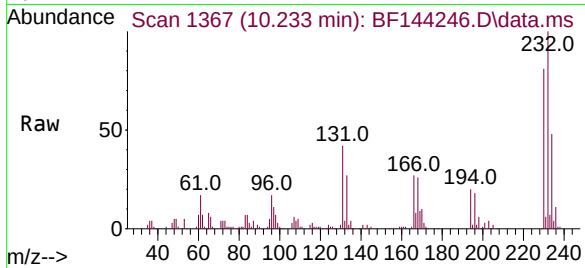
Tgt Ion:166 Resp: 332939
Ion Ratio Lower Upper
166 100
165 99.5 78.6 118.0
167 14.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.242 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

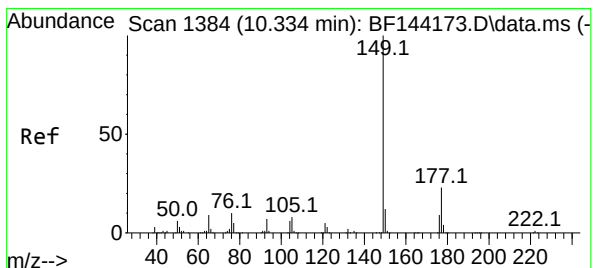
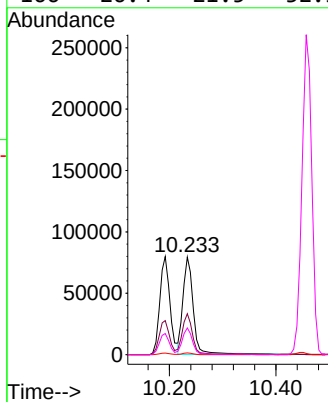
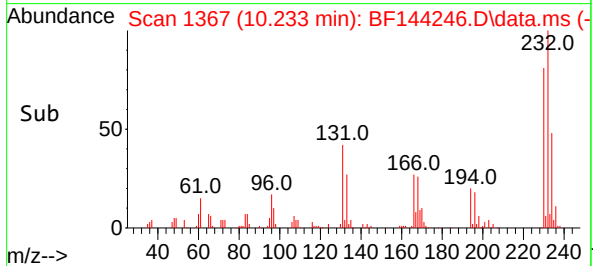
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:232 Resp: 106276
Ion Ratio Lower Upper
232 100
131 40.6 30.3 45.5
130 1.6 1.2 1.8
166 26.4 21.5 32.3

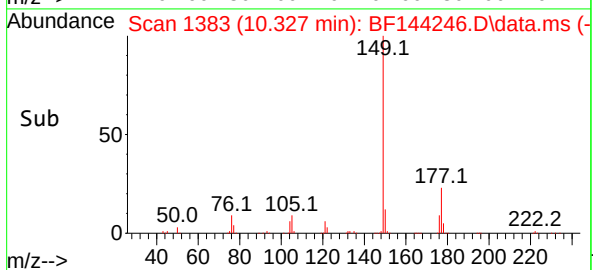
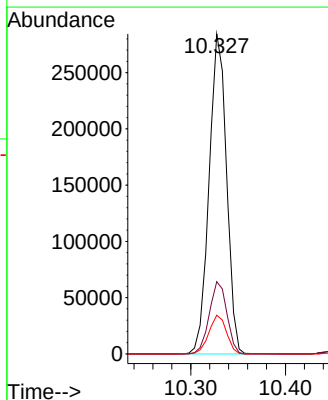
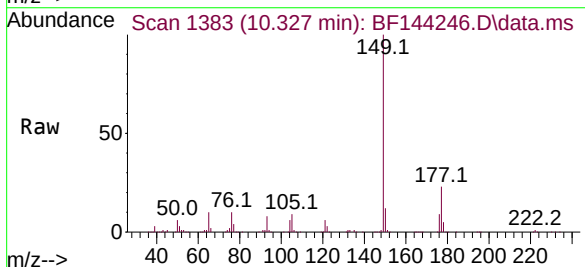
Manual Integrations
APPROVED

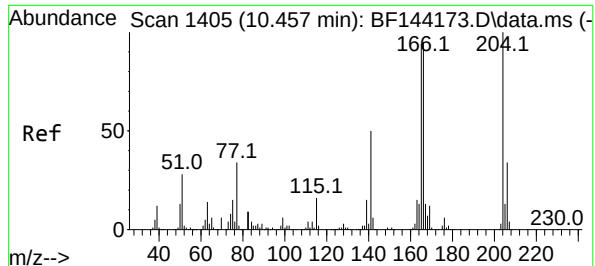
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#60
Diethylphthalate
Concen: 44.128 ng
RT: 10.327 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

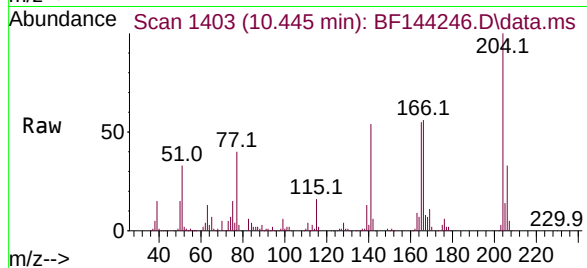
Tgt Ion:149 Resp: 364140
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.1 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 41.590 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

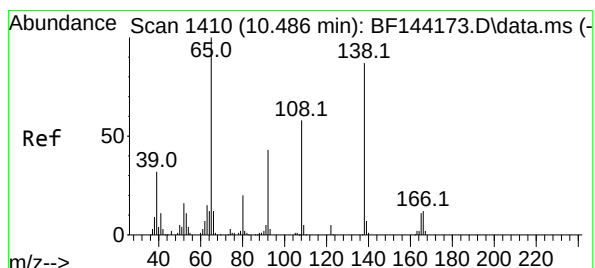
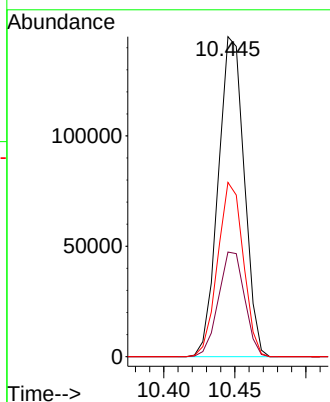
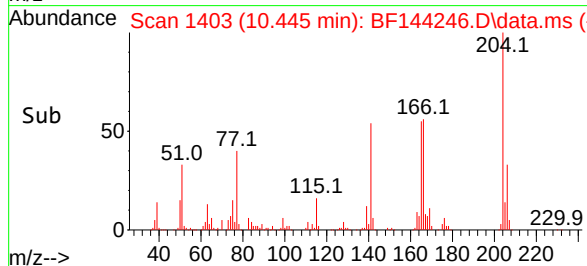
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:204 Resp: 184953
Ion Ratio Lower Upper
204 100
206 32.7 27.4 41.2
141 54.4 40.0 60.0

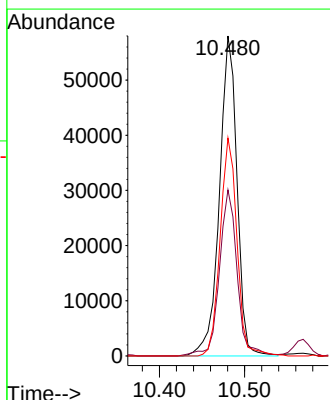
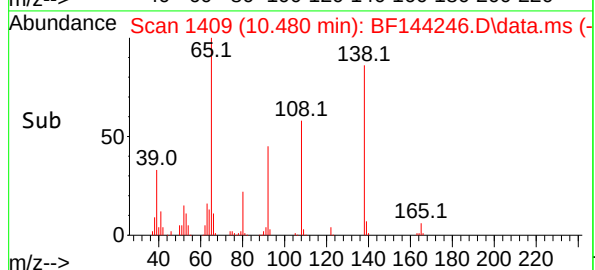
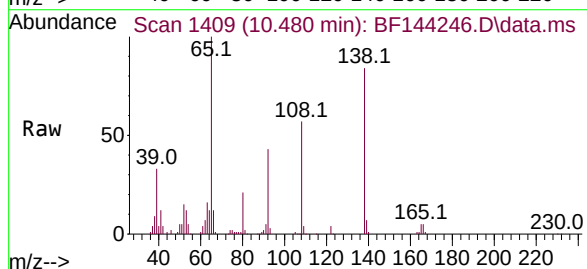
Manual Integrations
APPROVED

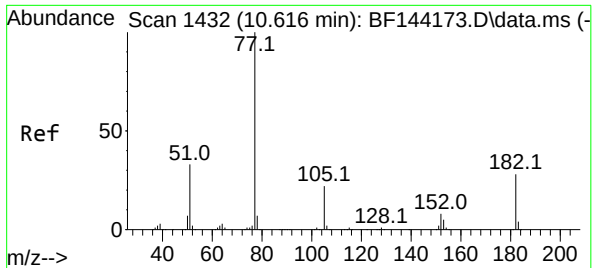
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#62
4-Nitroaniline
Concen: 44.089 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

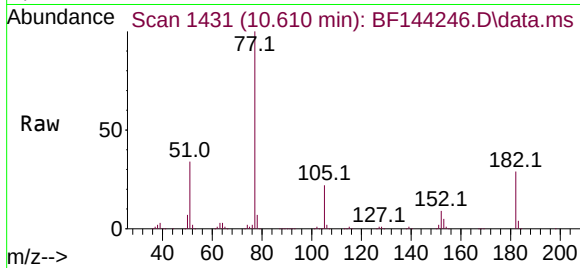
Tgt Ion:138 Resp: 83170
Ion Ratio Lower Upper
138 100
92 51.9 29.4 69.4
108 68.1 46.4 86.4





#63
Azobenzene
Concen: 46.361 ng
RT: 10.610 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

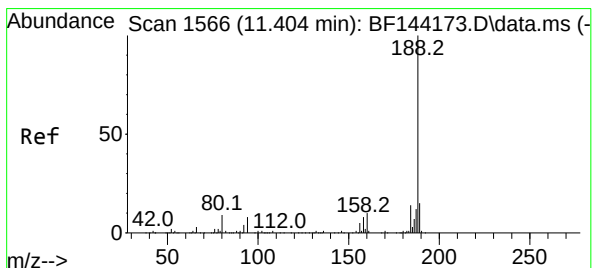
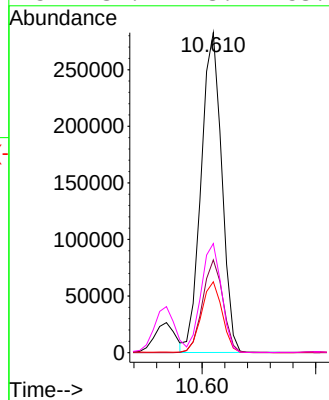
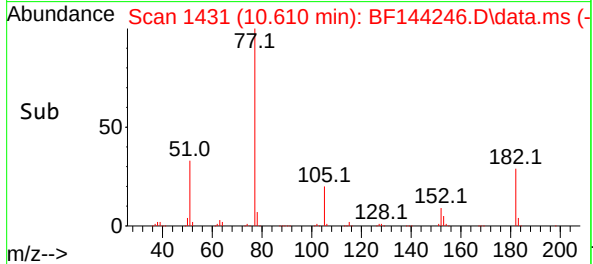
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



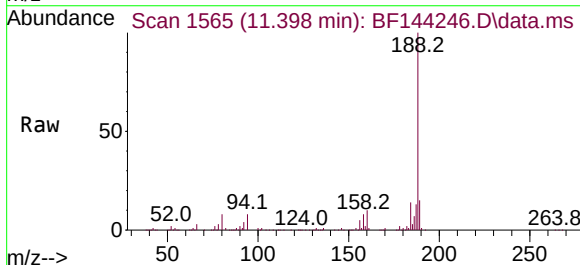
Tgt Ion: 77 Resp: 356045
Ion Ratio Lower Upper
77 100
182 29.0 8.1 48.1
105 22.1 2.0 42.0
51 34.1 13.9 53.9

Manual Integrations
APPROVED

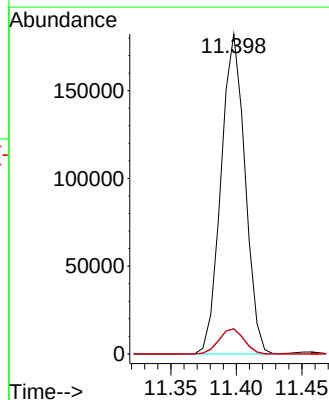
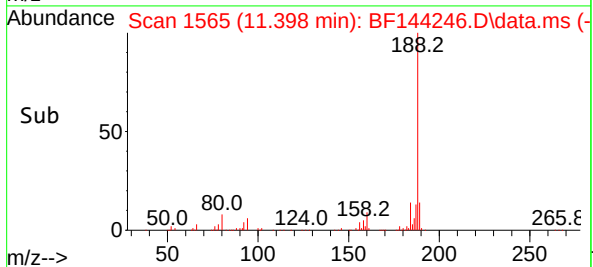
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

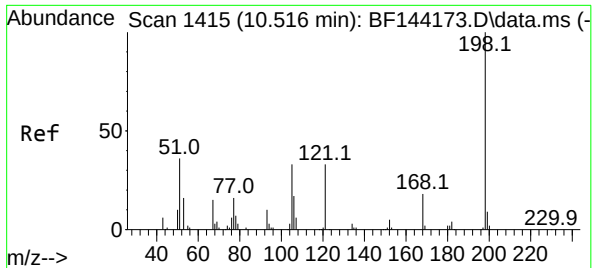


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:188 Resp: 232588
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 7.8 6.9 10.3





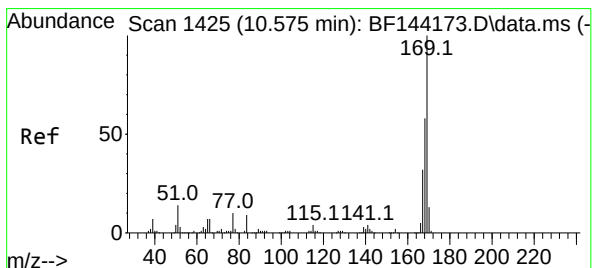
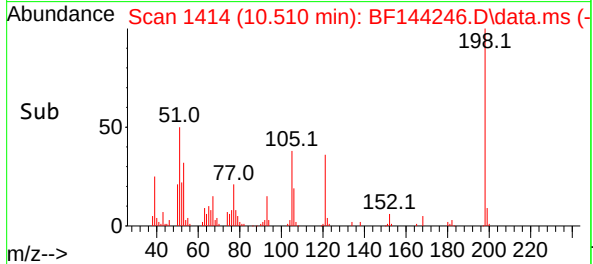
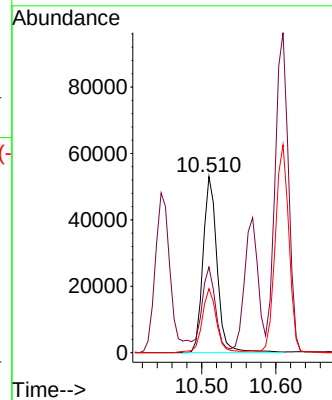
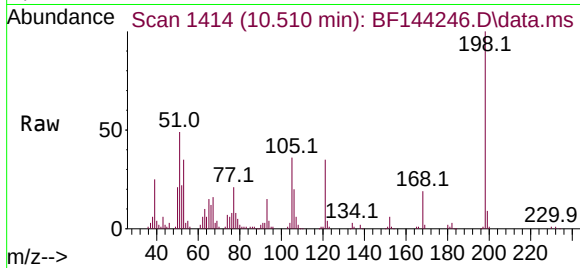
#65
4,6-Dinitro-2-methylphenol
Concen: 44.375 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Tgt Ion:198 Resp: 70115
Ion Ratio Lower Upper
198 100
51 48.6 25.6 65.6
105 36.3 14.6 54.6

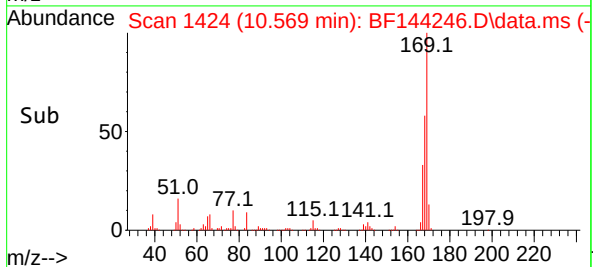
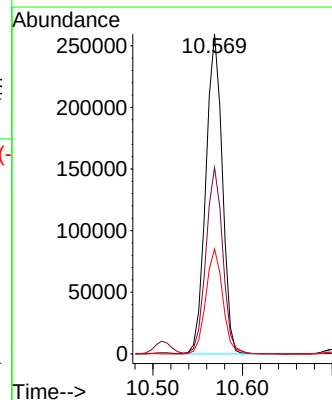
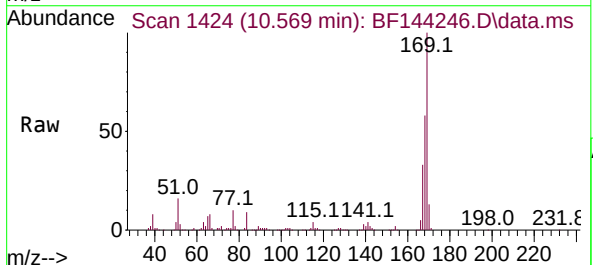
Manual Integrations
APPROVED

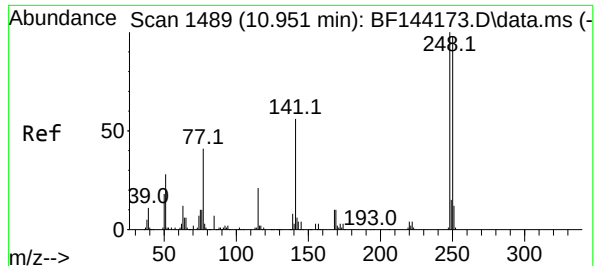
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 44.187 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

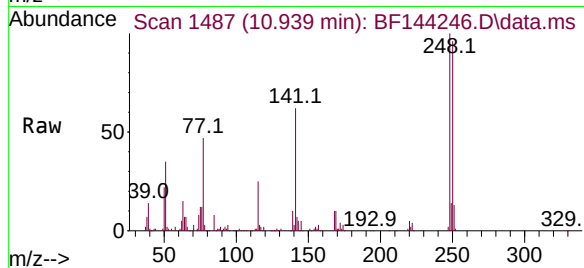
Tgt Ion:169 Resp: 330545
Ion Ratio Lower Upper
169 100
168 58.3 46.2 69.2
167 32.8 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 41.876 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

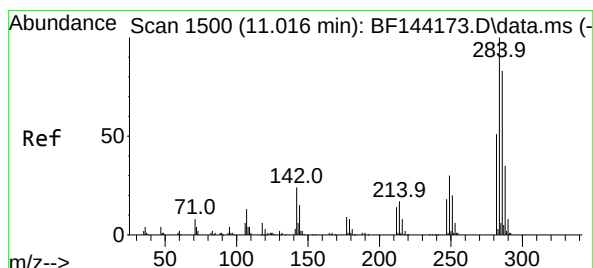
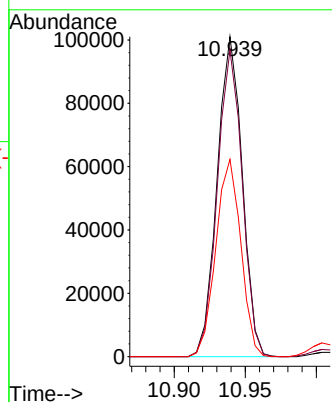
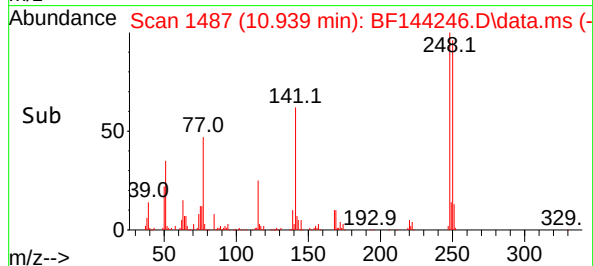
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:248 Resp: 124320
Ion Ratio Lower Upper
248 100
250 95.8 78.4 117.6
141 61.6 45.1 67.7

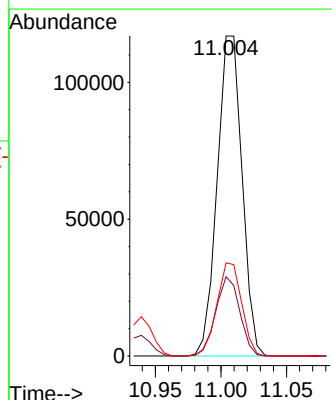
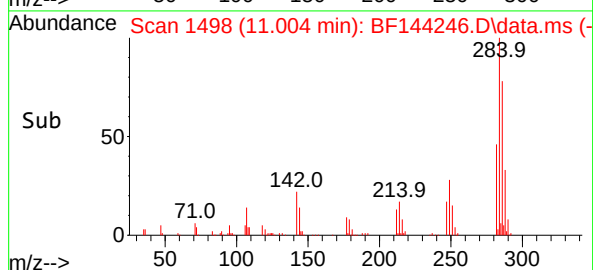
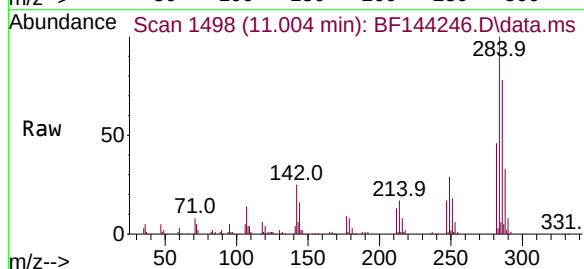
Manual Integrations
APPROVED

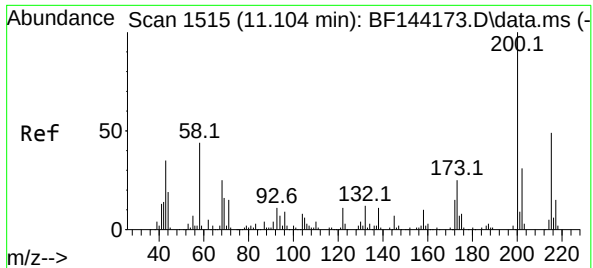
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#68
Hexachlorobenzene
Concen: 44.203 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:284 Resp: 154570
Ion Ratio Lower Upper
284 100
142 24.7 19.2 28.8
249 29.1 23.8 35.8





#69

Atrazine

Concen: 45.004 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:200 Resp: 107065

Ion Ratio Lower Upper

200 100

173 26.4 5.0 45.0

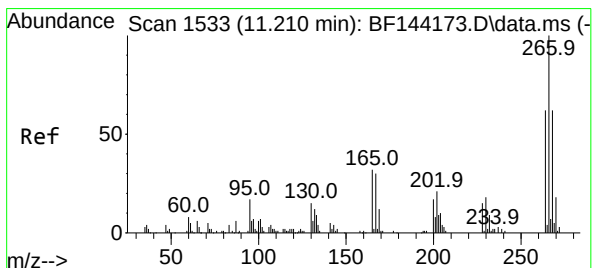
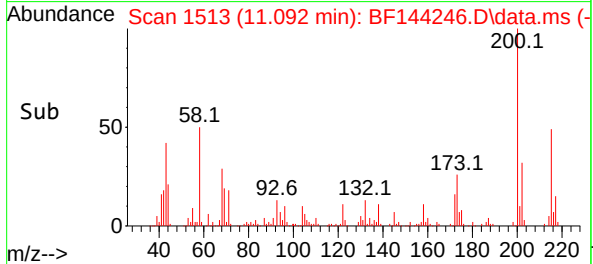
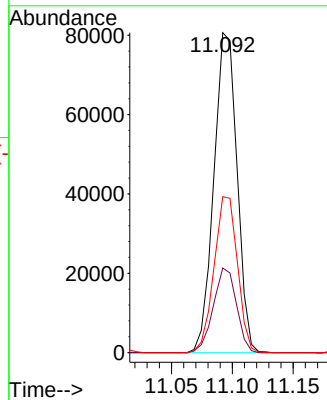
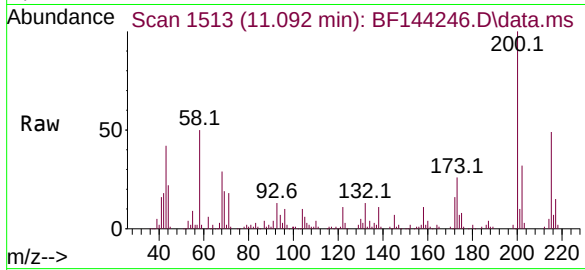
215 48.7 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#70

Pentachlorophenol

Concen: 81.143 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

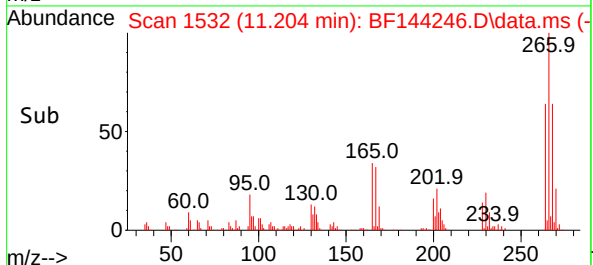
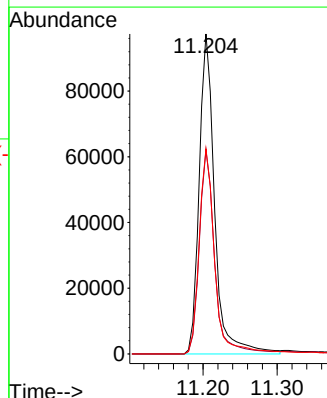
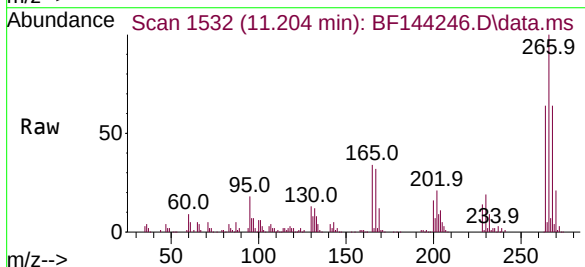
Tgt Ion:266 Resp: 141293

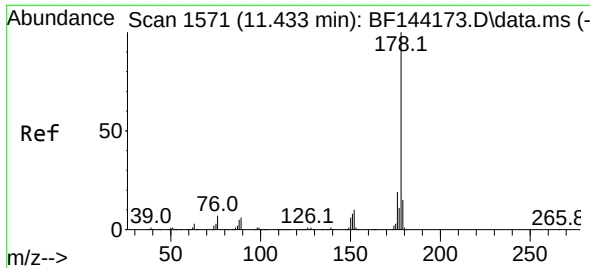
Ion Ratio Lower Upper

266 100

268 63.7 49.5 74.3

264 64.1 49.4 74.2





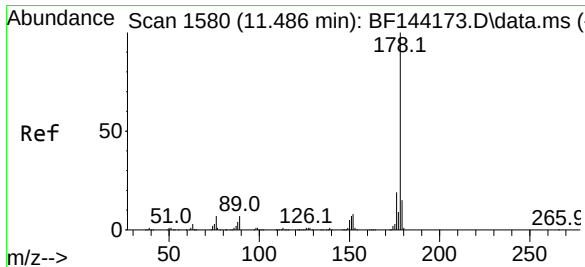
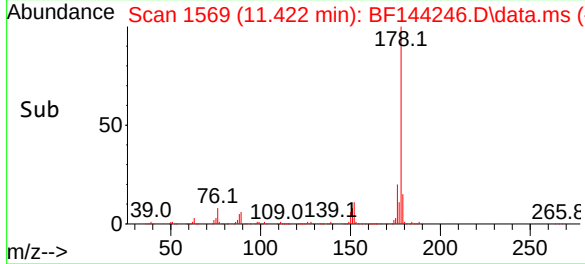
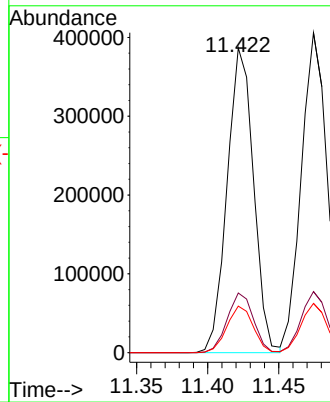
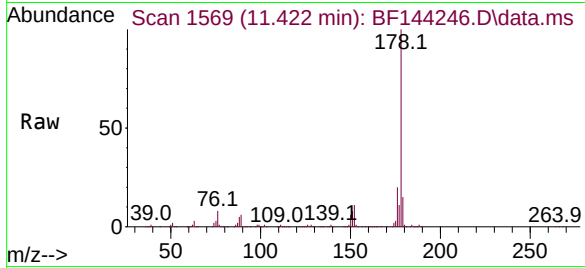
#71
Phenanthrene
Concen: 43.135 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Tgt Ion:178 Resp: 499513
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.3 12.2 18.4

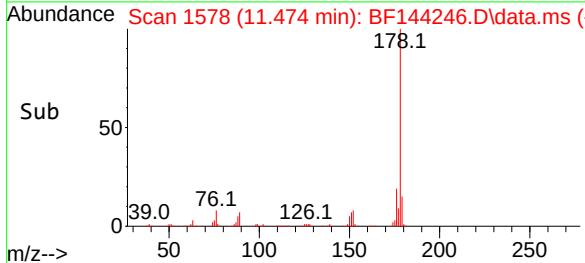
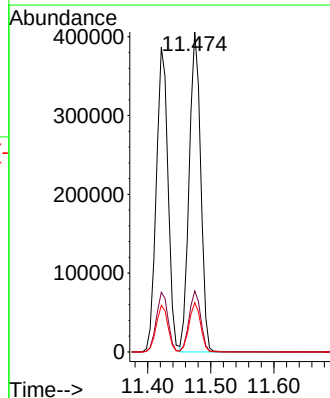
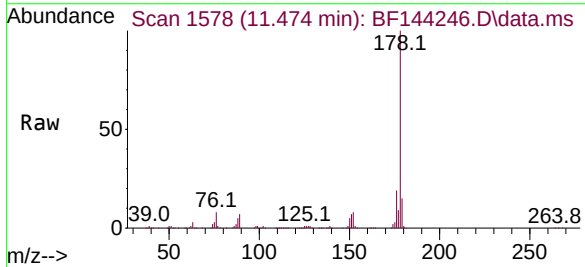
Manual Integrations
APPROVED

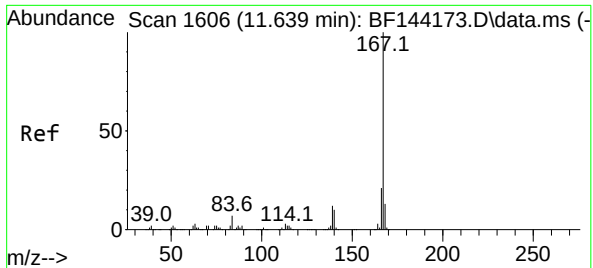
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 43.453 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

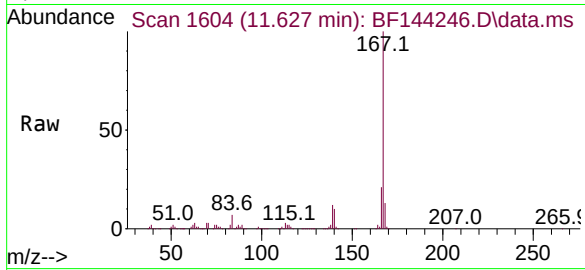
Tgt Ion:178 Resp: 511664
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.0 18.0





#73
 Carbazole
 Concen: 43.033 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144246.D
 Acq: 13 Nov 2025 16:24

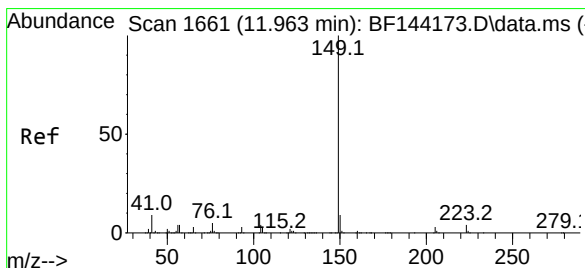
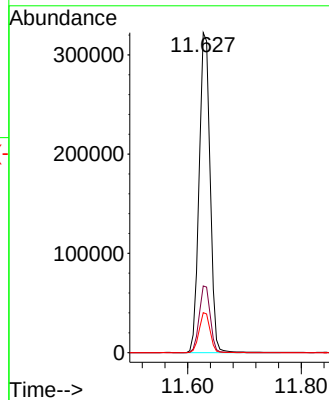
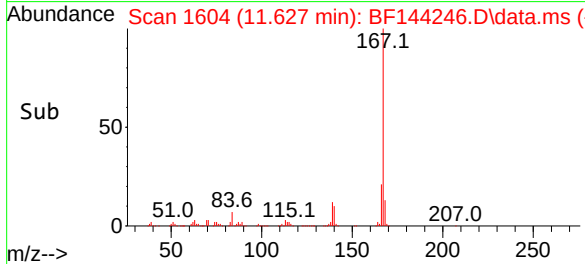
Instrument :
 BNA_F
 ClientSampleId :
 PB170473BSD



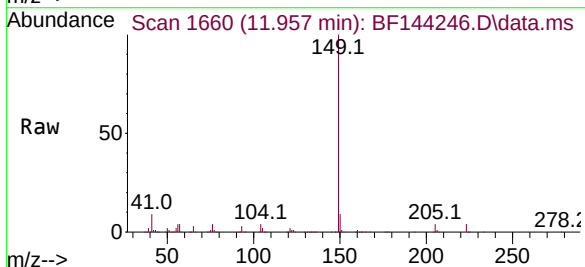
Tgt Ion:167 Resp: 430878
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.2 25.8
 139 12.5 9.9 14.9

Manual Integrations
 APPROVED

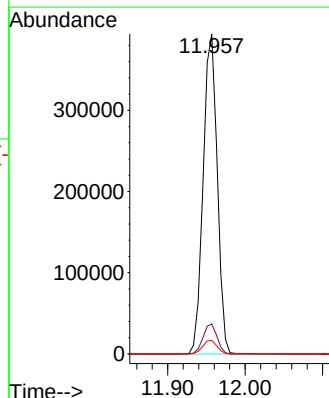
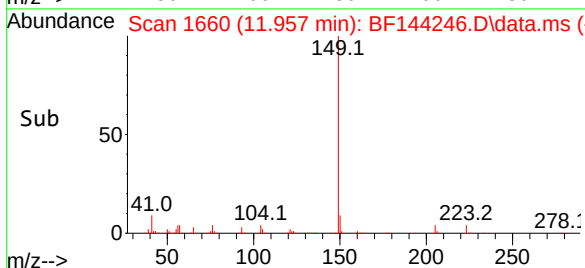
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

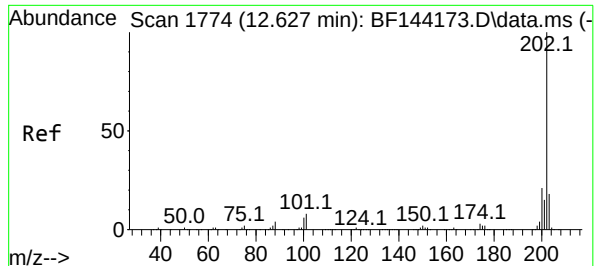


#74
 Di-n-butylphthalate
 Concen: 41.021 ng
 RT: 11.957 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: BF144246.D
 Acq: 13 Nov 2025 16:24



Tgt Ion:149 Resp: 496536
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.2 3.4 5.2





#75

Fluoranthene

Concen: 40.755 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:202 Resp: 487529

Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.9

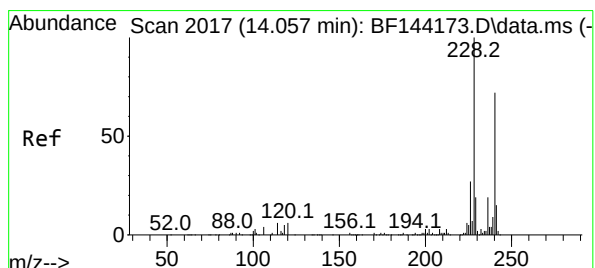
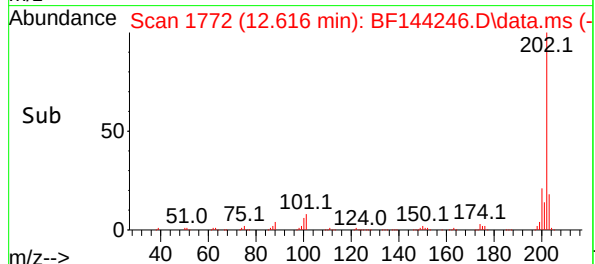
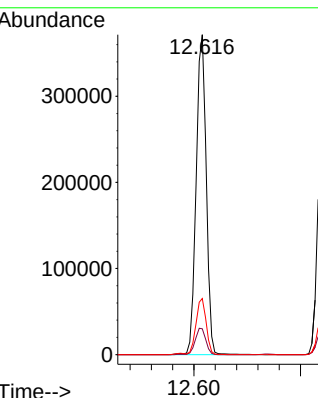
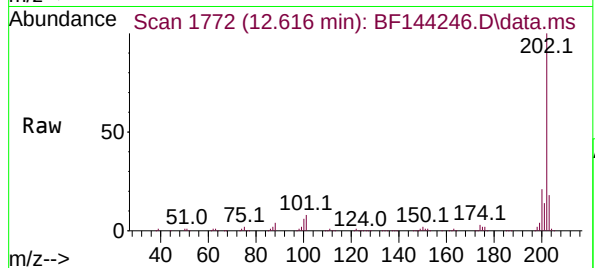
203 17.5 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

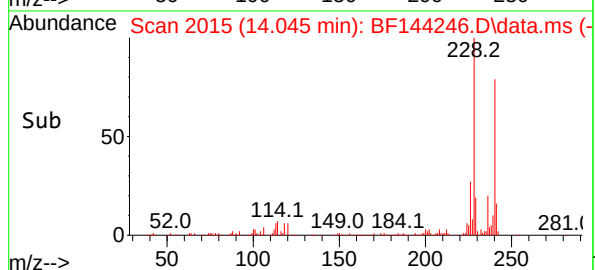
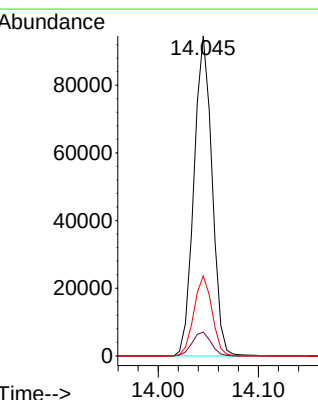
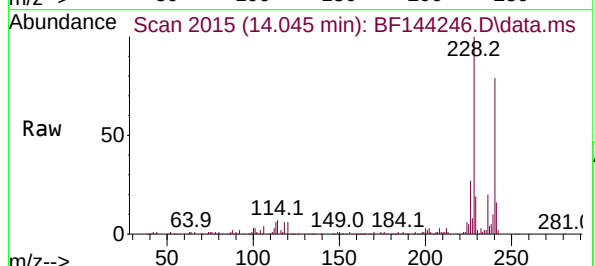
Tgt Ion:240 Resp: 118249

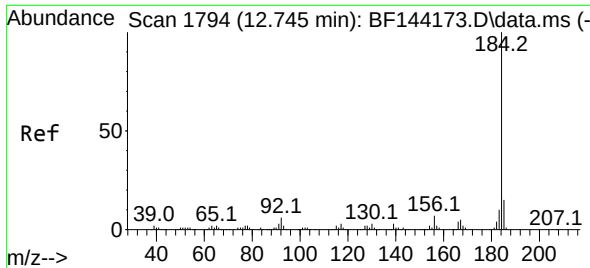
Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

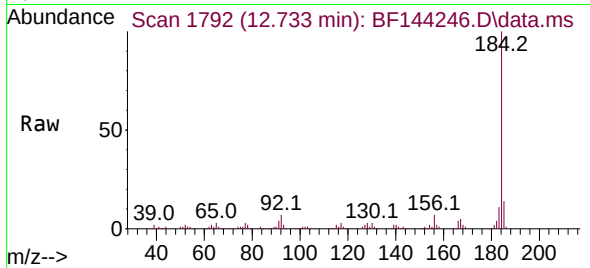
236 25.0 21.4 32.2





#77
Benzidine
Concen: 41.580 ng
RT: 12.733 min Scan# 1792
Delta R.T. -0.018 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

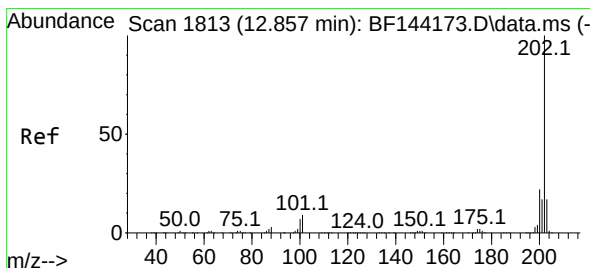
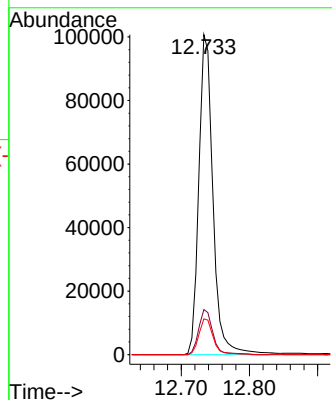
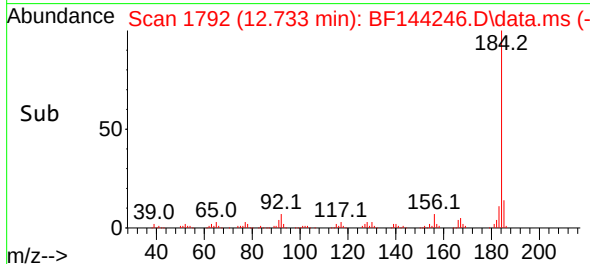
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:184 Resp: 145434
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.2 8.3 12.5

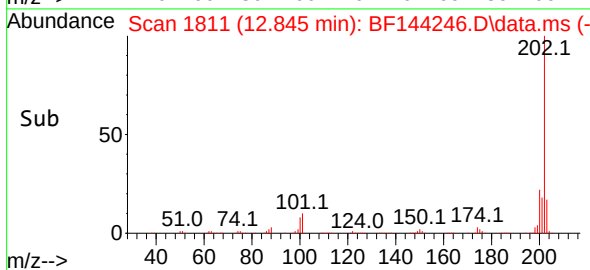
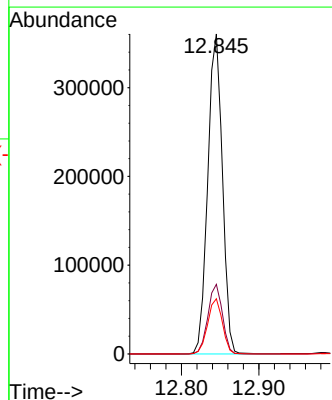
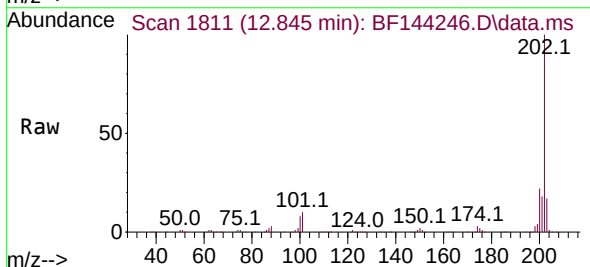
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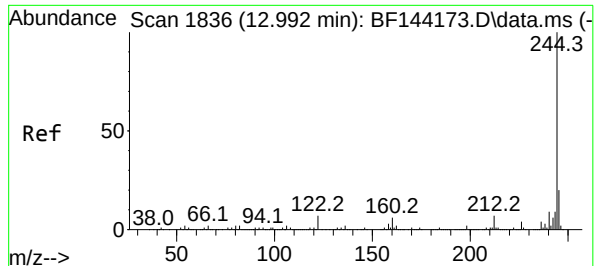
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#78
Pyrene
Concen: 49.446 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:202 Resp: 471436
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 17.2 13.7 20.5





#79

Terphenyl-d14

Concen: 94.133 ng

RT: 12.986 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF144246.D

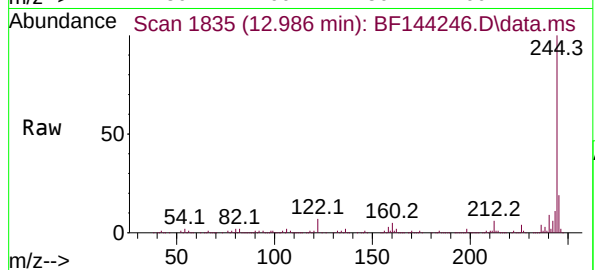
Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD



Tgt Ion:244 Resp: 70077

Ion Ratio Lower Upper

244 100

212 6.2 5.3 7.9

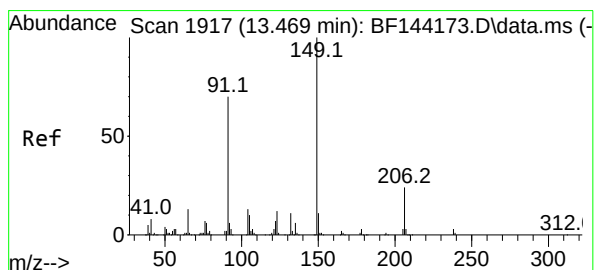
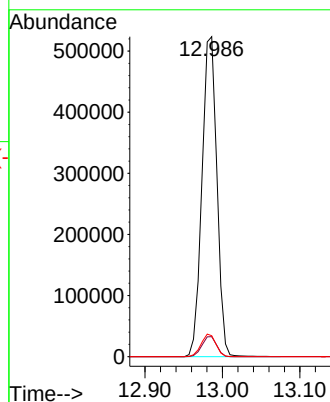
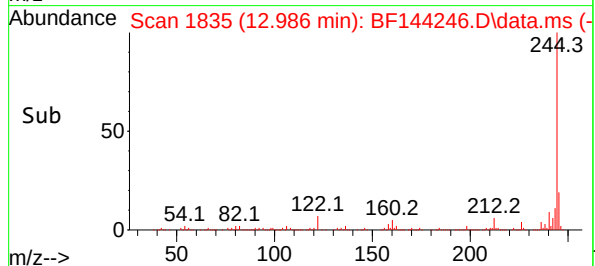
122 6.5 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#80

Butylbenzylphthalate

Concen: 43.887 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

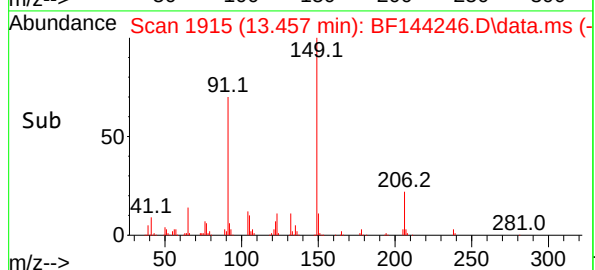
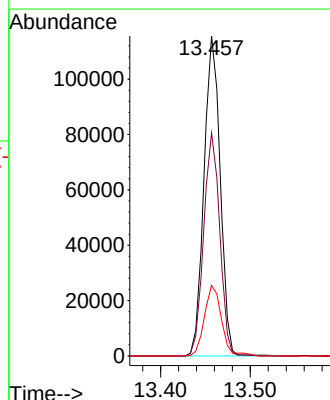
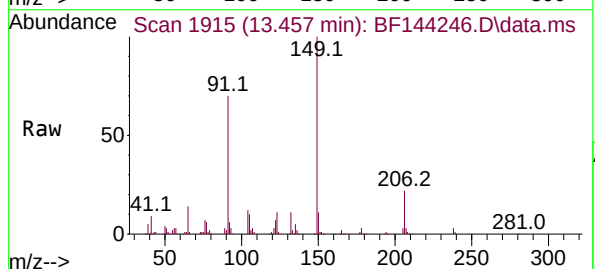
Tgt Ion:149 Resp: 145023

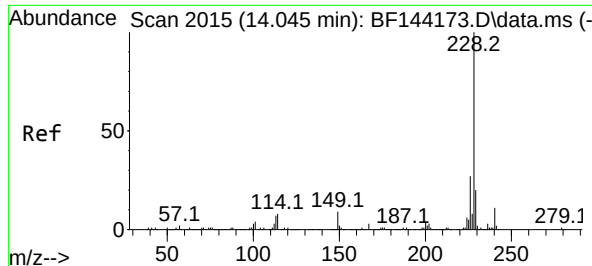
Ion Ratio Lower Upper

149 100

91 69.7 56.1 84.1

206 22.0 18.8 28.2





#81

Benzo(a)anthracene

Concen: 44.472 ng

RT: 14.033 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF144246.D

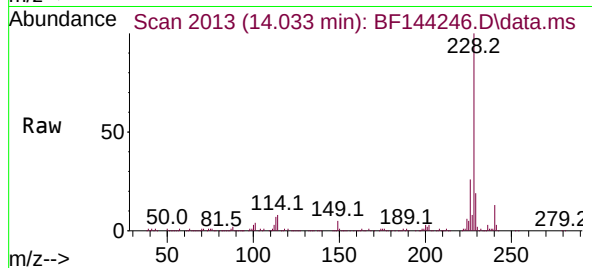
Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD



Tgt Ion:228 Resp: 364470

Ion Ratio Lower Upper

228 100

226 26.4 21.8 32.8

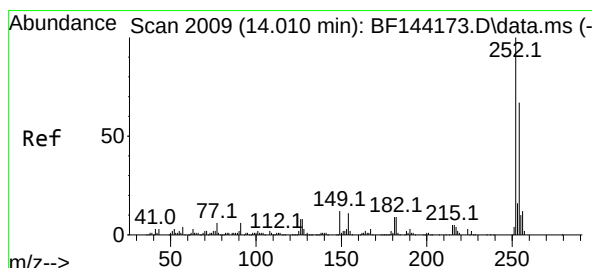
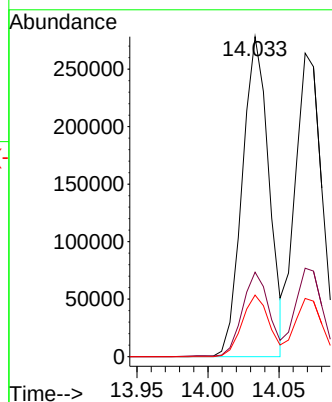
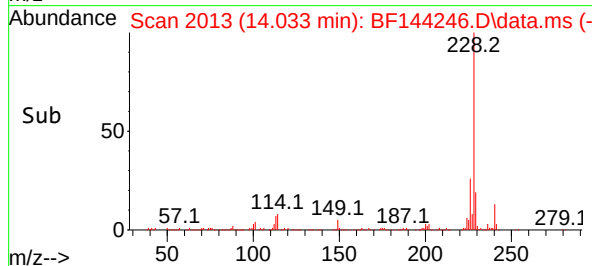
229 19.2 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#82

3,3'-Dichlorobenzidine

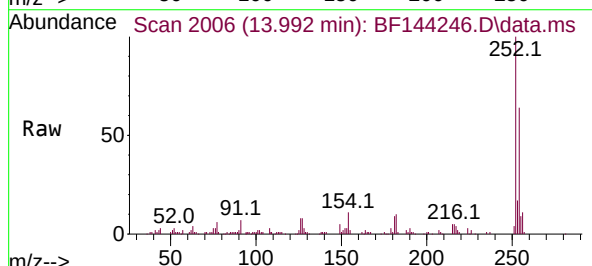
Concen: 22.487 ng

RT: 13.992 min Scan# 2006

Delta R.T. -0.018 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24



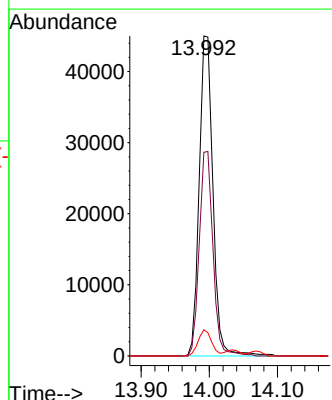
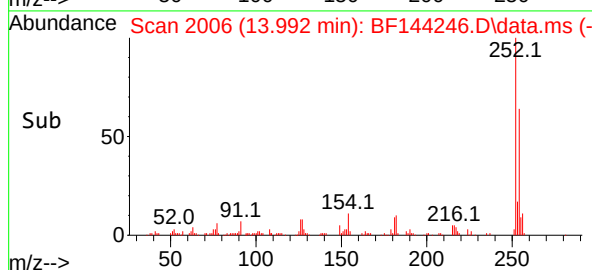
Tgt Ion:252 Resp: 63171

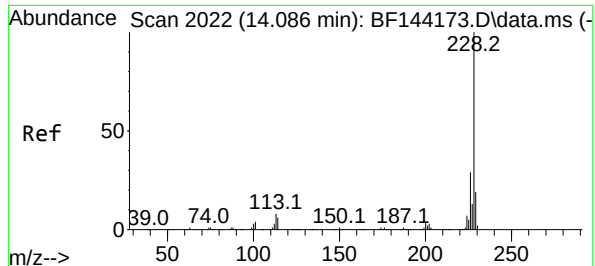
Ion Ratio Lower Upper

252 100

254 63.6 53.5 80.3

126 8.2 6.4 9.6





#83

Chrysene

Concen: 45.686 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF144246.D

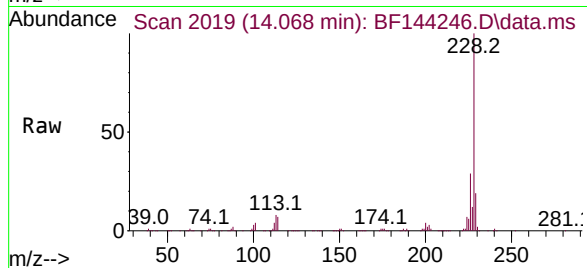
Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD



Tgt Ion:228 Resp: 345638

Ion Ratio Lower Upper

228 100

226 29.1 22.9 34.3

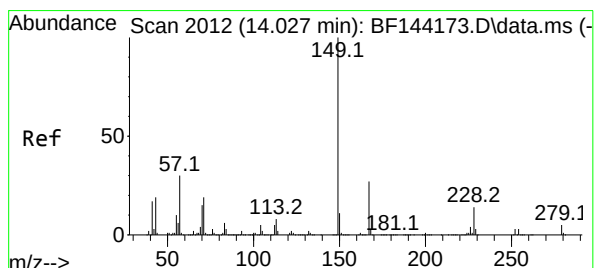
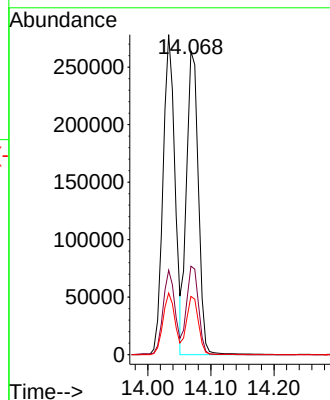
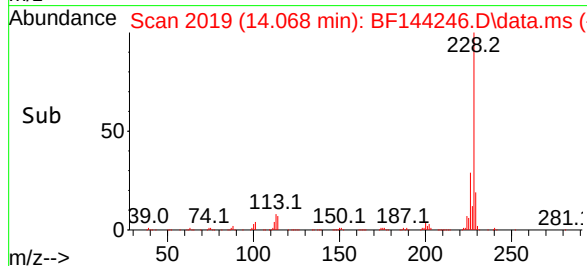
229 19.2 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#84

Bis(2-ethylhexyl)phthalate

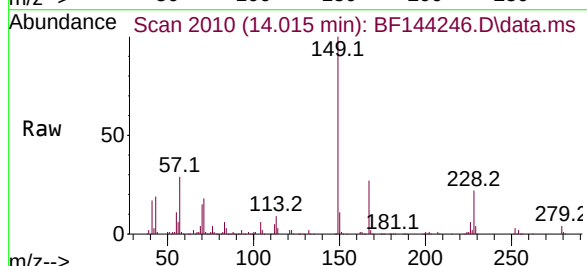
Concen: 38.481 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24



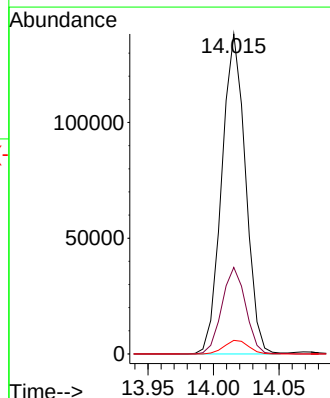
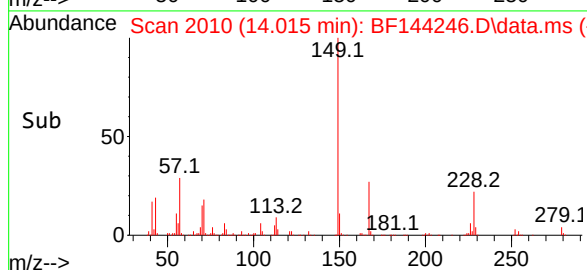
Tgt Ion:149 Resp: 174072

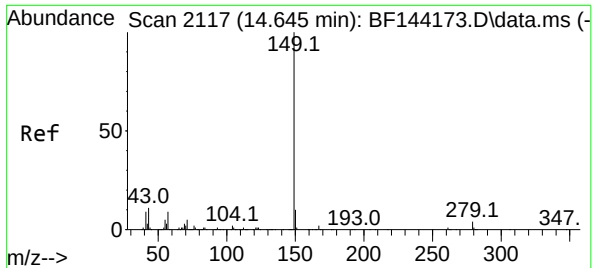
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

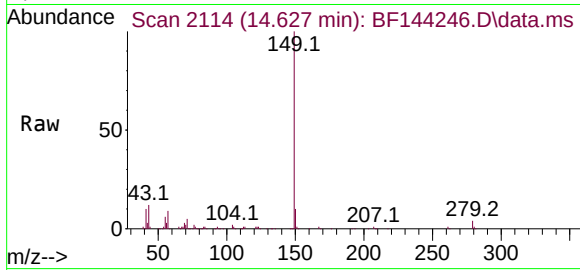
279 4.2 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 40.981 ng
RT: 14.627 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

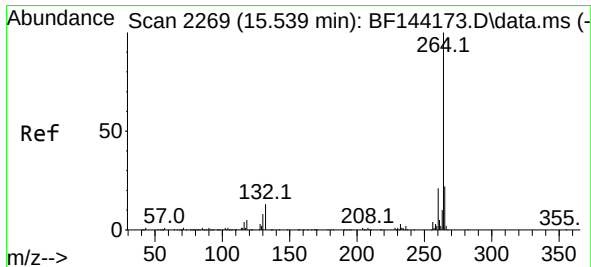
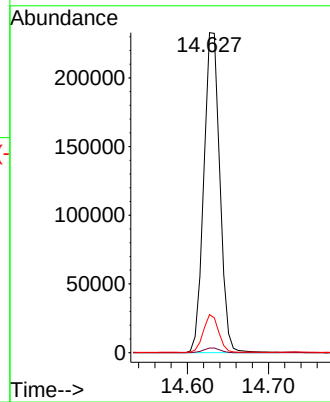
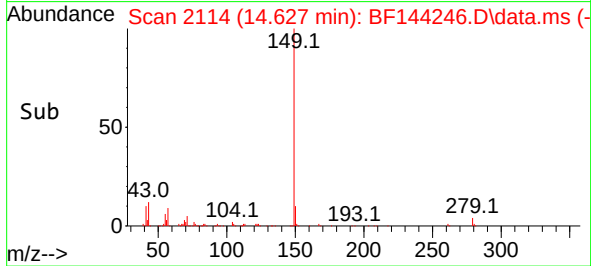
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:149 Resp: 319844
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.4

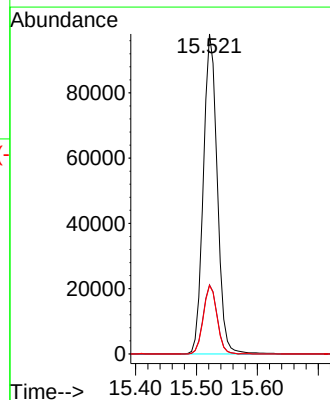
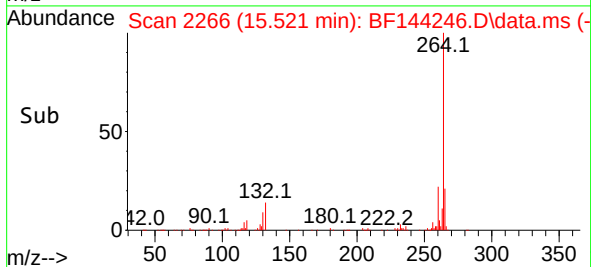
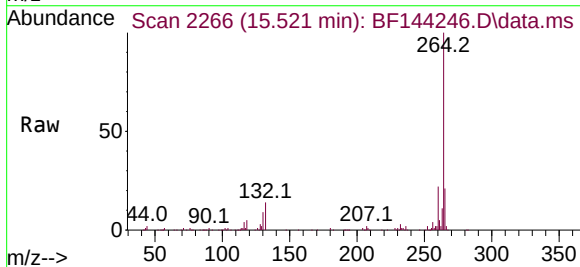
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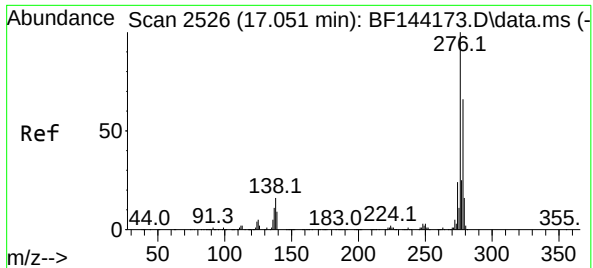
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:264 Resp: 155276
Ion Ratio Lower Upper
264 100
260 21.6 17.1 25.7
265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.731 ng

RT: 17.027 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:276 Resp: 509733

Ion Ratio Lower Upper

276 100

138 17.3 13.9 20.9

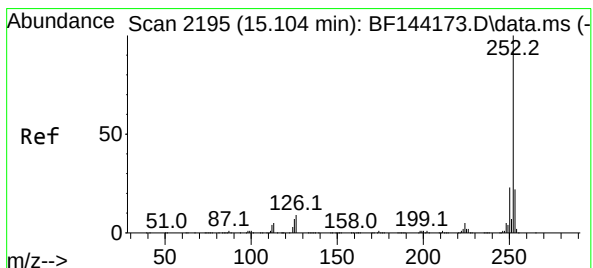
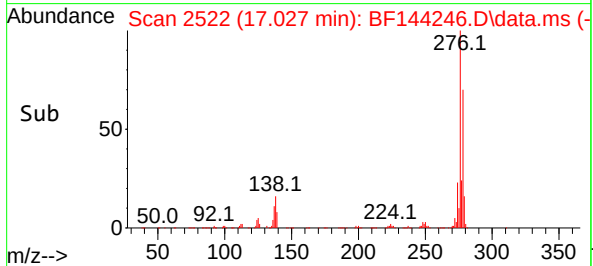
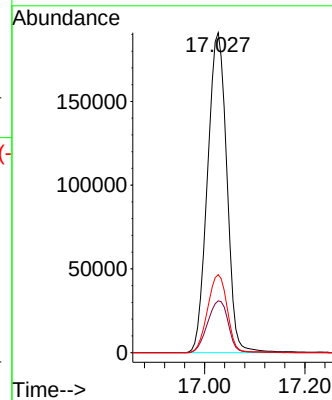
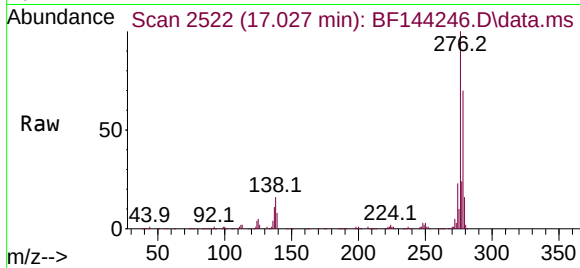
277 24.9 19.8 29.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#88

Benzo(b)fluoranthene

Concen: 42.579 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

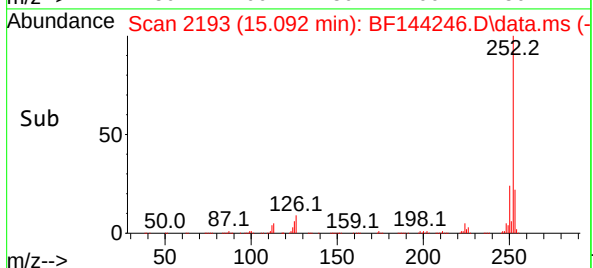
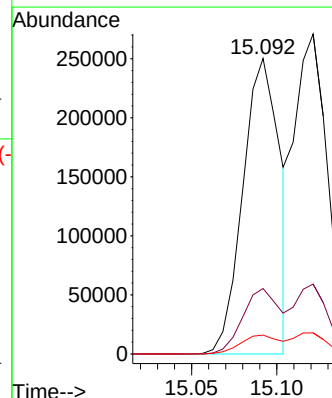
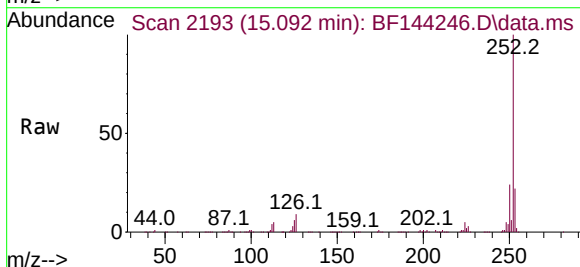
Tgt Ion:252 Resp: 375877

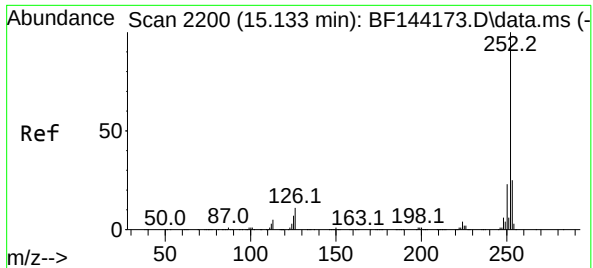
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 6.4 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 45.001 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:252 Resp: 371832

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

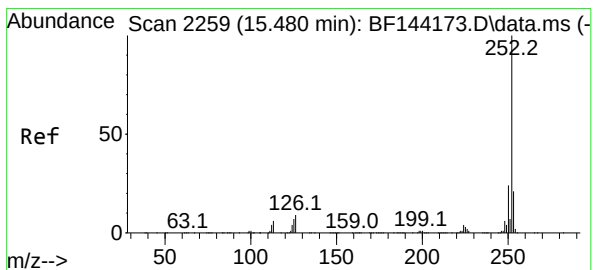
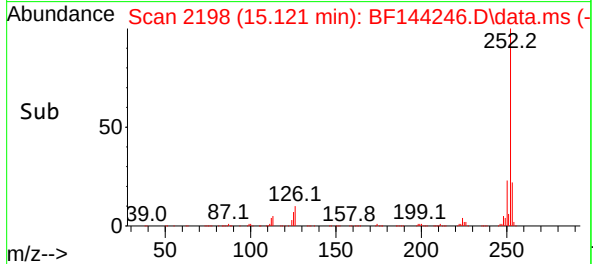
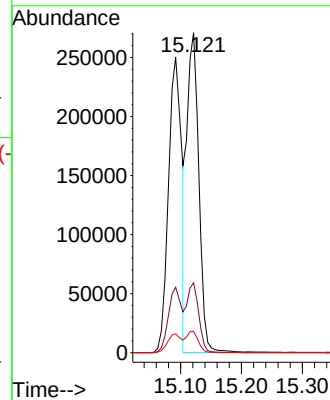
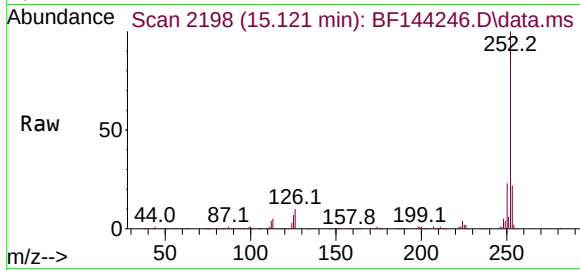
125 6.6 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 47.131 ng

RT: 15.462 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

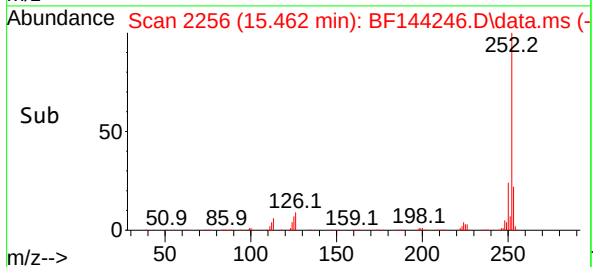
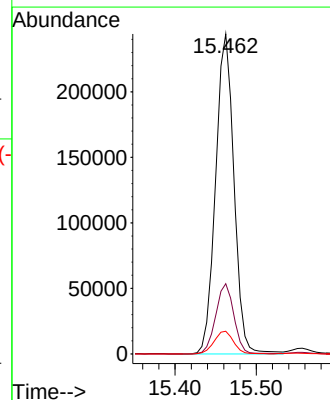
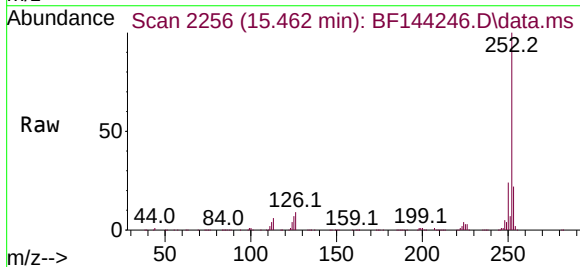
Tgt Ion:252 Resp: 383834

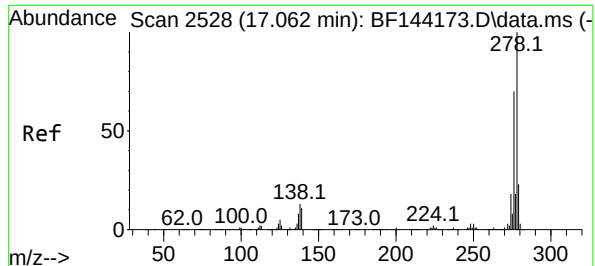
Ion Ratio Lower Upper

252 100

253 21.9 16.7 25.1

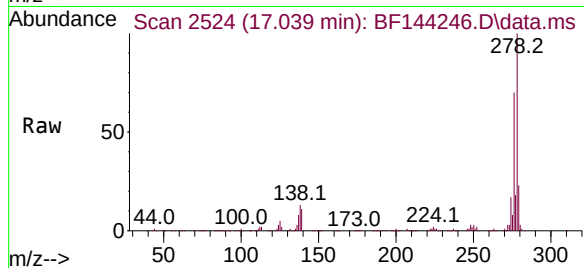
125 7.1 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 45.888 ng
RT: 17.039 min Scan# 2524
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

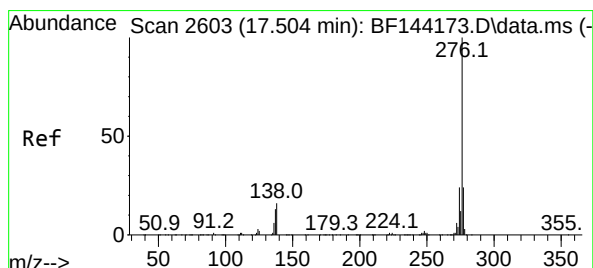
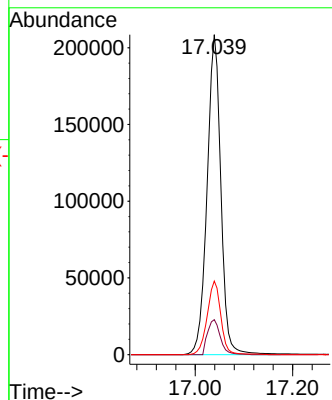
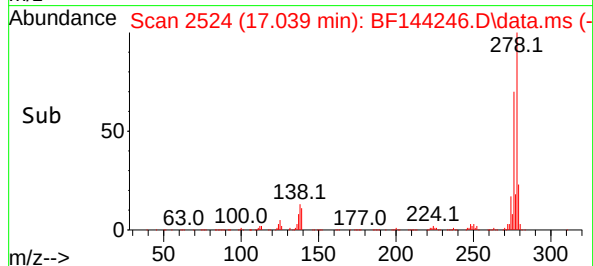
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



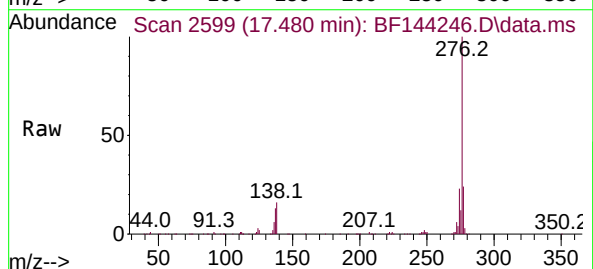
Tgt Ion:278 Resp: 410772
Ion Ratio Lower Upper
278 100
139 10.9 9.1 13.7
279 23.0 18.2 27.4

Manual Integrations
APPROVED

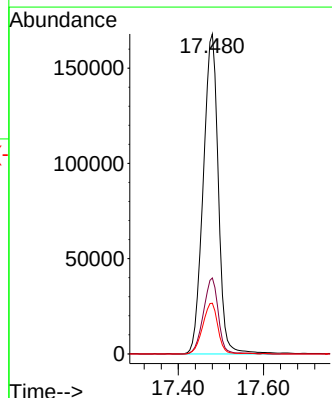
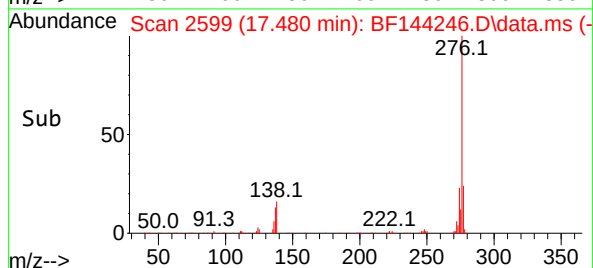
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 46.606 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:276 Resp: 411997
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 15.8 12.9 19.3



Manual Integration Report

Sequence:

BF110525

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF144170.D	Benzo(b)fluoranthene	rahul	11/6/2025 8:43:08 AM	Jagrut	11/6/2025 10:21:01 AM	Peak Integrated by Software
SSTDICV040	BF144177.D	Benzoic acid	rahul	11/6/2025 8:43:11 AM	Jagrut	11/6/2025 10:21:04 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:	Bf111325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170473BS	BF144245.D	Caprolactam	Jagrut	11/14/2025 11:02:28 AM	Sohil	11/14/2025 12:25:32 PM	Peak Integrated by Software
PB170473BSD	BF144246.D	Caprolactam	Jagrut	11/14/2025 11:02:30 AM	Sohil	11/14/2025 12:25:34 PM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM
SubDirectory	BF110525	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13181,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144168.D	05 Nov 2025 12:21	RC/JU	Ok
2	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50	RC/JU	Ok
3	SSTDICC005	BF144170.D	05 Nov 2025 13:20	RC/JU	Ok,M
4	SSTDICC010	BF144171.D	05 Nov 2025 13:50	RC/JU	Ok
5	SSTDICC020	BF144172.D	05 Nov 2025 14:20	RC/JU	Ok
6	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	RC/JU	Ok
7	SSTDICC050	BF144174.D	05 Nov 2025 15:49	RC/JU	Ok
8	SSTDICC060	BF144175.D	05 Nov 2025 16:19	RC/JU	Ok
9	SSTDICC080	BF144176.D	05 Nov 2025 16:49	RC/JU	Ok
10	SSTDICV040	BF144177.D	05 Nov 2025 17:21	RC/JU	Ok,M
11	PB170372BL	BF144178.D	05 Nov 2025 18:10	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF111325

Review By	Jagrut	Review On	11/14/2025 11:02:51 AM
Supervise By	Sohil	Supervise On	11/14/2025 12:25:49 PM
SubDirectory	BF111325	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13182,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144242.D	13 Nov 2025 14:26	RC/JU	Ok
2	SSTDCCC040	BF144243.D	13 Nov 2025 14:56	RC/JU	Ok
3	PB170473BL	BF144244.D	13 Nov 2025 15:25	RC/JU	Ok
4	PB170473BS	BF144245.D	13 Nov 2025 15:55	RC/JU	Ok,M
5	PB170473BSD	BF144246.D	13 Nov 2025 16:24	RC/JU	Ok,M
6	Q3574-01	BF144247.D	13 Nov 2025 16:54	RC/JU	Ok
7	Q3609-03	BF144248.D	13 Nov 2025 17:24	RC/JU	Ok
8	Q3609-03MS	BF144249.D	13 Nov 2025 17:54	RC/JU	Ok,M
9	Q3609-03MSD	BF144250.D	13 Nov 2025 18:23	RC/JU	Ok,M
10	SSTDCCC040	BF144251.D	13 Nov 2025 18:53	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM
SubDirectory	BF110525	HP Acquire Method	BNA_F
		HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144168.D	05 Nov 2025 12:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144170.D	05 Nov 2025 13:20		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF144171.D	05 Nov 2025 13:50		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144172.D	05 Nov 2025 14:20		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	Compound #41 kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144174.D	05 Nov 2025 15:49		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144175.D	05 Nov 2025 16:19		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF144176.D	05 Nov 2025 16:49		RC/JU	Ok
10	SSTDICV040	ICVBF110525	BF144177.D	05 Nov 2025 17:21		RC/JU	Ok,M
11	PB170372BL	PB170372BL	BF144178.D	05 Nov 2025 18:10		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF111325

Review By	Jagrut	Review On	11/14/2025 11:02:51 AM
Supervise By	Sohil	Supervise On	11/14/2025 12:25:49 PM
SubDirectory	BF111325	HP Acquire Method	BNA_F
		HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144242.D	13 Nov 2025 14:26		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144243.D	13 Nov 2025 14:56		RC/JU	Ok
3	PB170473BL	PB170473BL	BF144244.D	13 Nov 2025 15:25		RC/JU	Ok
4	PB170473BS	PB170473BS	BF144245.D	13 Nov 2025 15:55		RC/JU	Ok,M
5	PB170473BSD	PB170473BSD	BF144246.D	13 Nov 2025 16:24		RC/JU	Ok,M
6	Q3574-01	304641-01 Liquid	BF144247.D	13 Nov 2025 16:54		RC/JU	Ok
7	Q3609-03	AU-713-COMP-01	BF144248.D	13 Nov 2025 17:24		RC/JU	Ok
8	Q3609-03MS	AU-713-COMP-01MS	BF144249.D	13 Nov 2025 17:54		RC/JU	Ok,M
9	Q3609-03MSD	AU-713-COMP-01MSD	BF144250.D	13 Nov 2025 18:23		RC/JU	Ok,M
10	SSTDCCC040	SSTDCCC040EC	BF144251.D	13 Nov 2025 18:53		RC/JU	Ok

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Extraction Start Date : 11/10/2025

Matrix : Water

Extraction Start Time : 08:40

Weigh By: N/A

Extraction By: RS

Extraction End Date : 11/10/2025

Balance check: N/A

Filter By: RS

Extraction End Time : 13:40

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3953

Hood ID: 4,6,7

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
H2SO4 1:1	N/A	EP2657
10N NaOH	N/A	EP2658
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1

Envap ID: NE VAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/25	RS(Ext Lab)	Jy/ SVOC
13:45	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 11/10/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170473BL	SBLK473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB170473BS	SLCS473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB170473BS D	SLCSD473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q3569-01	MW-2	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	N		4
Q3569-02	MW-12	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	N		5
Q3574-01	304641-01 LIQUID	SVOC-PAH	810	6	RUPESH	ritesh	1	I		6
Q3584-01	SW-1	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		7
Q3584-02	SW-2	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		8
Q3584-03	SW-3	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		9
Q3584-04	EB-2	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	G		10
Q3584-05	FB-2	SVOC-TCL BNA -20	700	6	RUPESH	ritesh	1	H		11
Q3584-07	SEEP-1	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		12

RS
11/10

1740453
11/10/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3569

WorkList ID : 193017

Department : Extraction

Date : 11-10-2025 08:35:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3569-01	MW-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	J22	11/05/2025	8270E
Q3569-02	MW-12	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	J22	11/05/2025	8270E
Q3574-01	304641-01 Liquid	Water	SVOC-PAH	Cool 4 deg C	PACI01	J22	11/04/2025	8270E
Q3584-01	SW-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/06/2025	8270E
Q3584-02	SW-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02		11/07/2025	8270E
Q3584-03	SW-3	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E
Q3584-04	EB-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02		11/06/2025	8270E
Q3584-05	FB-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E
Q3584-07	SEEP-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E

Date/Time

11/10/25 8:35

Raw Sample Received by:

RS (Ext Lab)

Raw Sample Relinquished by:

CP SR

Date/Time

11/10/25 9:20

Raw Sample Received by:

CP SR

Raw Sample Relinquished by:

RS (Ext Lab)



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q3574

COC Number:

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

COMPANY: Pacific Commercial Services, Inc.

PROJECT NAME: Kilo Pier

BILL TO: Pacific Commercial Services

PO#

ADDRESS: 91-254 Olai Street

PROJECT #: 304641-01

LOCATION: JBPHH

ADDRESS: PO Box 235117

CITY: Kapolei

STATE: HI

ZIP: 96707

PROJECT MANAGER: Wendi Zheng, Daniel Barragan

CITY: Honolulu

STATE: HI ZIP: 96823

ATTENTION: Wendi Zheng

E-MAIL: Wendi.Zheng@pcshi.com

ATTENTION:

PHONE:

PHONE: 808-545-4599

FAX:

PHONE: 808-729-0889

FAX:

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

FAX: _____ DAYS*
HARD COPY: _____ DAYS*
EDD _____ DAYS*

- ☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

TPH GC	GRO	VOC	PCB	Priority metals	TCLP metals	RCRA metals	pH	Flash point	PAH
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH 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.	304641-01-Wash water	liquid		X	11/4/25	8:45	9	X	X	X	X	X	X	X	X	X	
2.	304614-01-Fuel			X	11/4/25	8:45	1								X		
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	DATE/TIME	RECEIVED BY	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp <u>2.3°</u> MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: <u>yes</u>
1. <u>Amrit Krishna</u>	<u>11/4/25</u>	<u>[Signature]</u>	Comments: <u>13.7 + 0.2 = 13.9 (FEDER)</u> <u>IR Count 1</u>
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2. <u>[Signature]</u>	<u>11/6/25</u> <u>10:35</u>	2. <u>[Signature]</u>	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight
3. <u>[Signature]</u>	<u>11/7/25</u> <u>9:40</u>	3. <u>[Signature]</u>	Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3574	PACI01	Order Date : 11/7/2025 10:02:13 AM	Project Mgr : Deepak
Client Name : Pacific Commercial Service		Project Name : Kilo Pier	Report Type : Level 2
Client Contact : Wendi Zheng		Receive DateTime : 11/7/2025 9:40:00 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Pacific Commercial Service		Purchase Order :	Hard Copy Date :
Invoice Contact : Wendi Zheng			Date Signoff : 11/7/2025 11:34:12 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3574-01	304641-01 Liquid	Water	11/04/2025	08:45					
					Gasoline Range Organics		8015D		10 Bus. Days

Relinquished By : af

Date / Time : 11/7/25 11:45

Received By : Seemy

Date / Time : 11/07/25 11:45

Storage Area : VOA Refridgerator Room

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3574	PACI01	Order Date : 11/7/2025 10:02:13 AM	Project Mgr : Deepak
Client Name : Pacific Commercial Service		Project Name : Kilo Pier	Report Type : Level 2
Client Contact : Wendi Zheng		Receive DateTime : 11/7/2025 9:40:00 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Pacific Commercial Service		Purchase Order :	Hard Copy Date :
Invoice Contact : Wendi Zheng			Date Signoff : 11/7/2025 11:34:12 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3574-01	304641-01 Liquid	Water	11/04/2025	08:45	VOC-TCLVOA-10		8260-Low		10 Bus. Days

Relinquished By : cl

Date / Time : 11/7/25 11:45

Received By : Sam

Date / Time : 11/7/25 11:45 Pg # 4

Storage Area : VOA Refridgerator Room