

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072125\
 Data File : BF143168.D
 Acq On : 21 Jul 2025 13:26
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 21 13:49:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	129313	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	471327	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	224541	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	352118	20.000	ng	0.00
76) Chrysene-d12	14.122	240	287236	20.000	ng	0.00
86) Perylene-d12	15.621	264	333940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	657471	80.458	ng	0.00
7) Phenol-d6	6.581	99	802907	78.062	ng	0.00
23) Nitrobenzene-d5	7.522	82	814350	86.125	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	180488	77.809	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1378979	83.990	ng	0.00
79) Terphenyl-d14	13.069	244	1268018	65.693	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	157045	40.616	ng	99
3) Pyridine	3.569	79	397401	39.598	ng	99
4) n-Nitrosodimethylamine	3.510	42	206648	39.881	ng	98
6) Aniline	6.622	93	553372	38.603	ng	100
8) 2-Chlorophenol	6.746	128	336890	39.331	ng	100
9) Benzaldehyde	6.510	77	334989	43.434	ng	98
10) Phenol	6.598	94	457555	40.835	ng	99
11) bis(2-Chloroethyl)ether	6.693	93	332934	38.807	ng	99
12) 1,3-Dichlorobenzene	6.904	146	367627	39.509	ng	100
13) 1,4-Dichlorobenzene	6.981	146	369143	39.394	ng	99
14) 1,2-Dichlorobenzene	7.134	146	349217	39.183	ng	99
15) Benzyl Alcohol	7.098	79	301160	38.347	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	608843	38.256	ng	100
17) 2-Methylphenol	7.204	107	275196	38.211	ng	100
18) Hexachloroethane	7.481	117	129354	39.875	ng	99
19) n-Nitroso-di-n-propyla...	7.369	70	237904	36.052	ng	99
20) 3+4-Methylphenols	7.357	107	341442	39.075	ng	94
22) Acetophenone	7.369	105	441669	39.581	ng	# 97
24) Nitrobenzene	7.540	77	355142	40.286	ng	99
25) Isophorone	7.781	82	624906	37.437	ng	99
26) 2-Nitrophenol	7.857	139	158275	41.369	ng	99
27) 2,4-Dimethylphenol	7.887	122	299842	38.448	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	383681	38.338	ng	99
29) 2,4-Dichlorophenol	8.092	162	258476	39.301	ng	98
30) 1,2,4-Trichlorobenzene	8.187	180	280639	39.497	ng	99
31) Naphthalene	8.269	128	908828	39.153	ng	100
32) Benzoic acid	7.975	122	158708	37.408	ng	97
33) 4-Chloroaniline	8.304	127	362956	38.294	ng	99
34) Hexachlorobutadiene	8.387	225	173724	40.025	ng	99
35) Caprolactam	8.669	113	74522	37.497	ng	99
36) 4-Chloro-3-methylphenol	8.781	107	269483	37.698	ng	99
37) 2-Methylnaphthalene	8.957	142	542306	38.393	ng	100
38) 1-Methylnaphthalene	9.057	142	556301	38.246	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	264356	40.778	ng	99
41) Hexachlorocyclopentadiene	9.116	237	172355	40.861	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	175117	39.031	ng	99

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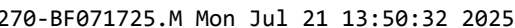
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	184547	41.120	ng	98
46) 1,1'-Biphenyl	9.416	154	707353	40.377	ng	99
47) 2-Chloronaphthalene	9.445	162	525598	40.548	ng	99
48) 2-Nitroaniline	9.528	65	165406	40.690	ng	98
49) Acenaphthylene	9.863	152	863039	39.729	ng	99
50) Dimethylphthalate	9.710	163	566336	38.694	ng	100
51) 2,6-Dinitrotoluene	9.769	165	119406	40.104	ng	97
52) Acenaphthene	10.034	154	504677	39.307	ng	98
53) 3-Nitroaniline	9.939	138	137824	39.575	ng	99
54) 2,4-Dinitrophenol	10.039	184	45312	37.445	ng #	1
55) Dibenzofuran	10.204	168	734501	38.531	ng	100
56) 4-Nitrophenol	10.086	139	102456	39.397	ng	99
57) 2,4-Dinitrotoluene	10.175	165	146697	39.271	ng	96
58) Fluorene	10.545	166	538833	37.663	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	144159	38.777	ng	98
60) Diethylphthalate	10.416	149	547097	37.818	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	273201	38.350	ng	99
62) 4-Nitroaniline	10.551	138	119360	39.990	ng	99
63) Azobenzene	10.698	77	576949	38.266	ng	99
65) 4,6-Dinitro-2-methylph...	10.581	198	66513	37.382	ng	99
66) n-Nitrosodiphenylamine	10.651	169	481048	38.797	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	163603	38.987	ng	99
68) Hexachlorobenzene	11.098	284	169940	38.746	ng	99
69) Atrazine	11.175	200	138282	40.453	ng	100
70) Pentachlorophenol	11.286	266	104038	40.335	ng	99
71) Phenanthrene	11.510	178	733886	39.253	ng	100
72) Anthracene	11.557	178	753506	39.516	ng	99
73) Carbazole	11.710	167	682345	40.981	ng	99
74) Di-n-butylphthalate	12.039	149	791333	42.003	ng	100
75) Fluoranthene	12.698	202	740826	43.170	ng	100
77) Benzidine	12.810	184	413383	37.355	ng	99
78) Pyrene	12.927	202	973730	39.721	ng	100
80) Butylbenzylphthalate	13.539	149	301689	40.190	ng	98
81) Benzo(a)anthracene	14.110	228	733039	38.119	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	262058	40.887	ng	99
83) Chrysene	14.151	228	699518	40.458	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	476503	41.939	ng	100
85) Di-n-octyl phthalate	14.716	149	849672	41.256	ng	100
87) Indeno(1,2,3-cd)pyrene	17.163	276	928926	39.449	ng	99
88) Benzo(b)fluoranthene	15.180	252	845849	41.462	ng	100
89) Benzo(k)fluoranthene	15.210	252	683472	37.544	ng	100
90) Benzo(a)pyrene	15.563	252	747409	39.764	ng	100
91) Dibenzo(a,h)anthracene	17.180	278	763328	39.827	ng	100
92) Benzo(g,h,i)perylene	17.633	276	746866	40.284	ng	99

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

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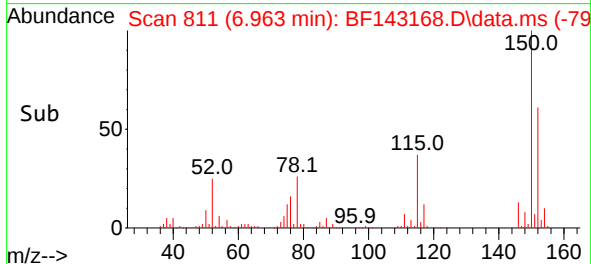
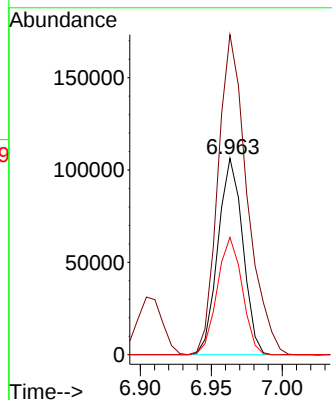
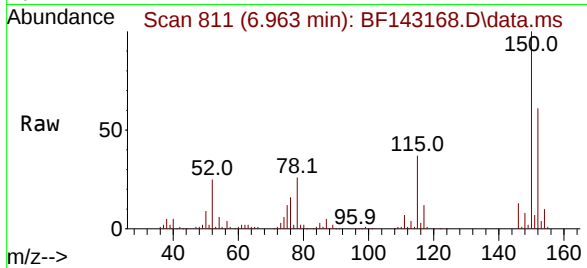




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143168.D
 Acq: 21 Jul 2025 13:26

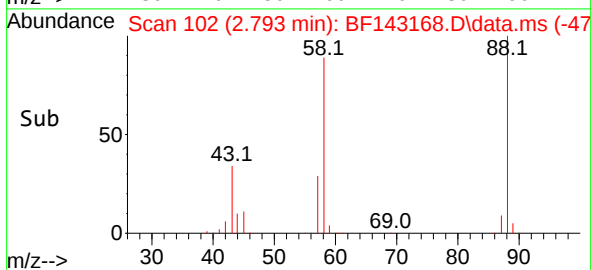
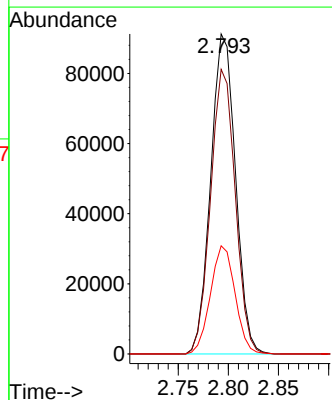
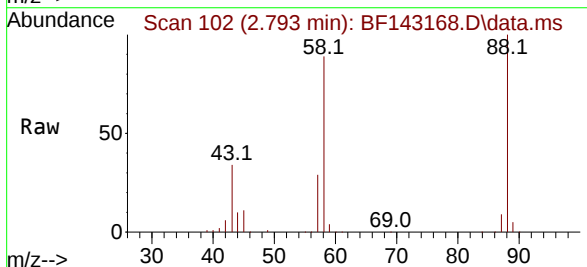
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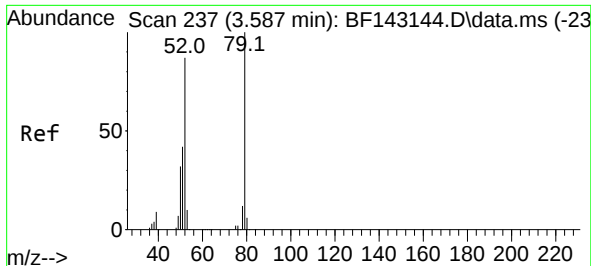
Tgt Ion:152 Resp: 129313
 Ion Ratio Lower Upper
 152 100
 150 163.0 128.2 192.4
 115 59.8 47.9 71.9



#2
 1,4-Dioxane
 Concen: 40.616 ng
 RT: 2.793 min Scan# 102
 Delta R.T. -0.029 min
 Lab File: BF143168.D
 Acq: 21 Jul 2025 13:26

Tgt Ion: 88 Resp: 157045
 Ion Ratio Lower Upper
 88 100
 58 88.6 70.2 105.2
 43 33.6 27.1 40.7

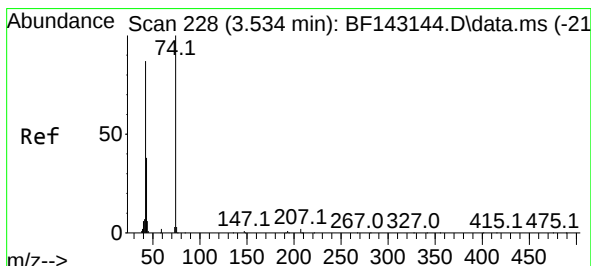
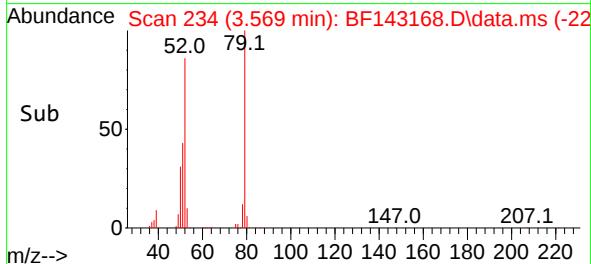
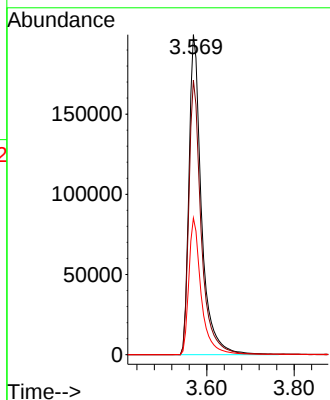
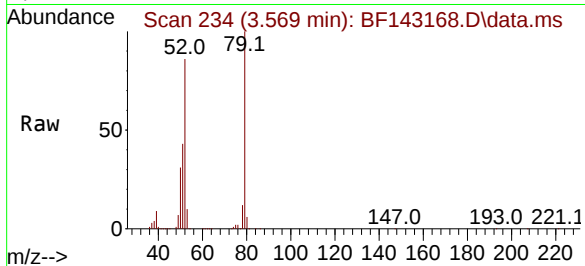




#3
Pyridine
Concen: 39.598 ng
RT: 3.569 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

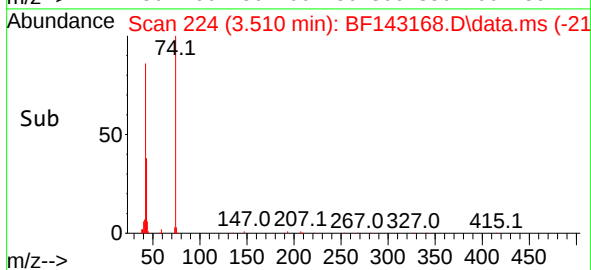
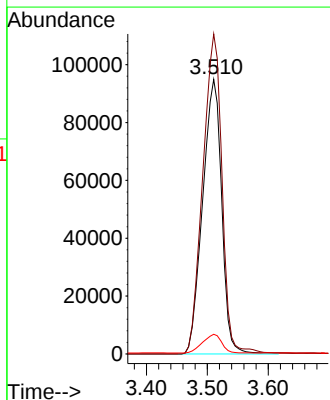
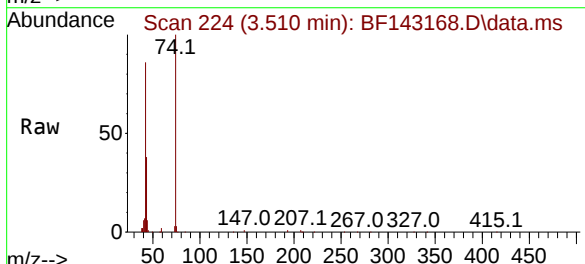
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ClientSampleId :
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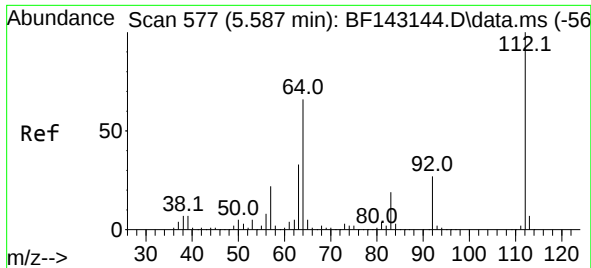
Tgt Ion: 79 Resp: 397401
Ion Ratio Lower Upper
79 100
52 85.8 69.4 104.2
51 42.7 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 39.881 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion: 42 Resp: 206648
Ion Ratio Lower Upper
42 100
74 116.5 91.7 137.5
44 7.2 5.6 8.4

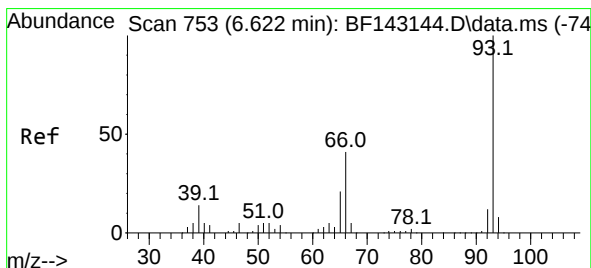
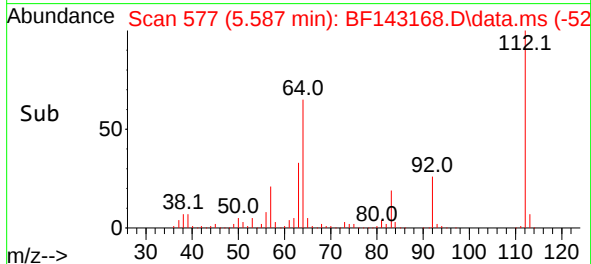
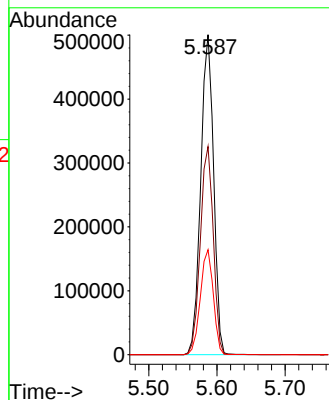
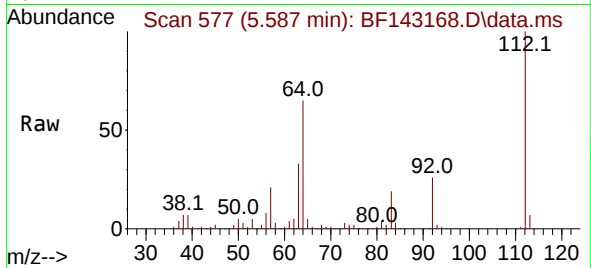




#5
2-Fluorophenol
Concen: 80.458 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

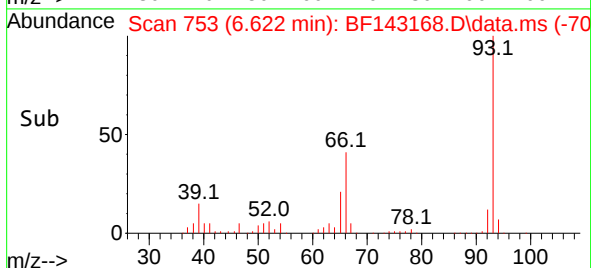
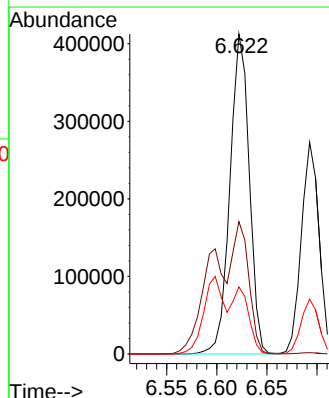
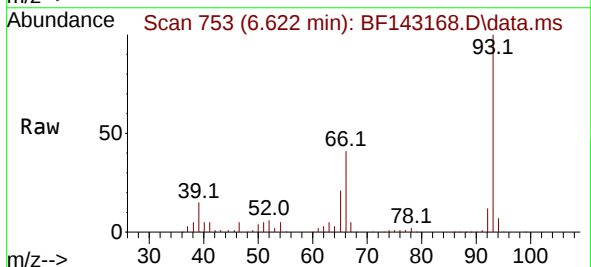
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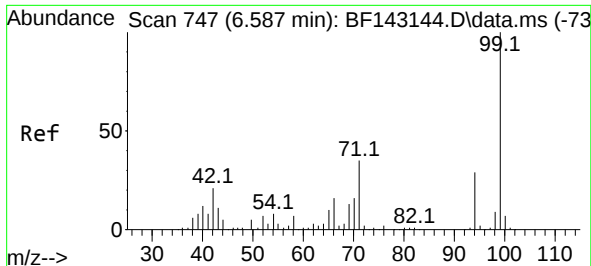
Tgt Ion:112 Resp: 657471
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 32.8 26.6 40.0



#6
Aniline
Concen: 38.603 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion: 93 Resp: 553372
Ion Ratio Lower Upper
93 100
66 41.4 33.2 49.8
65 20.9 16.9 25.3

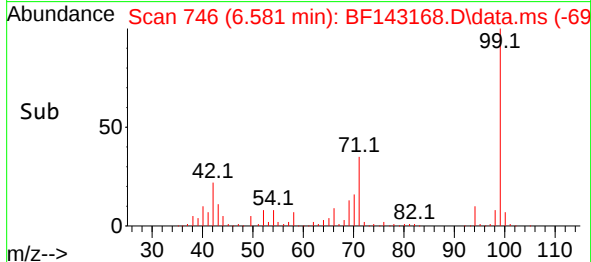
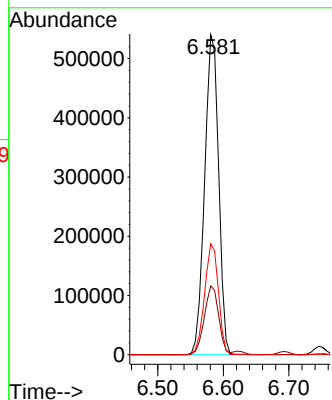
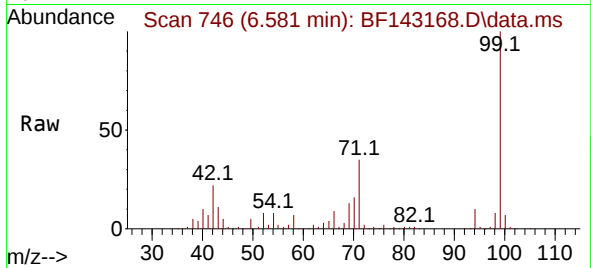




#7
Phenol-d6
Concen: 78.062 ng
RT: 6.581 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

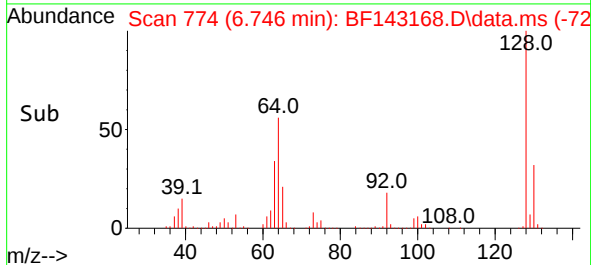
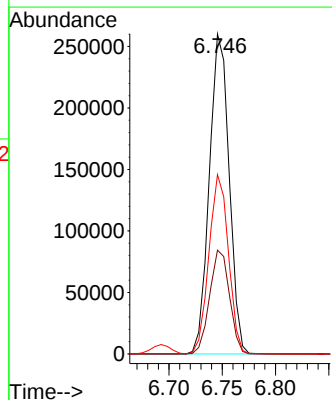
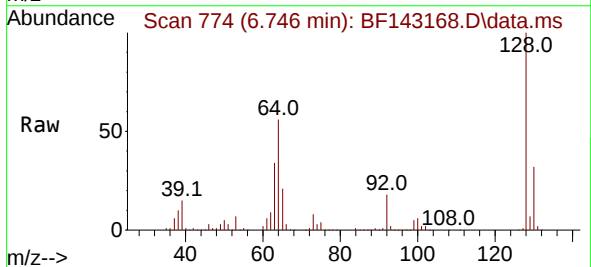
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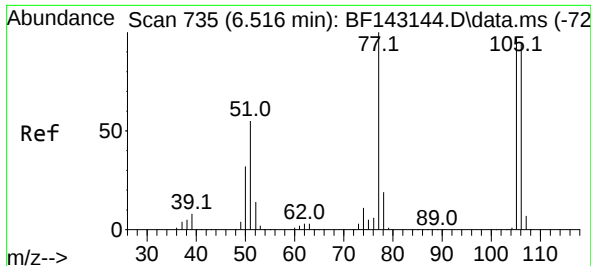
Tgt Ion: 99 Resp: 802907
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 34.6 27.7 41.5



#8
2-Chlorophenol
Concen: 39.331 ng
RT: 6.746 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion: 128 Resp: 336890
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 56.1 35.9 75.9

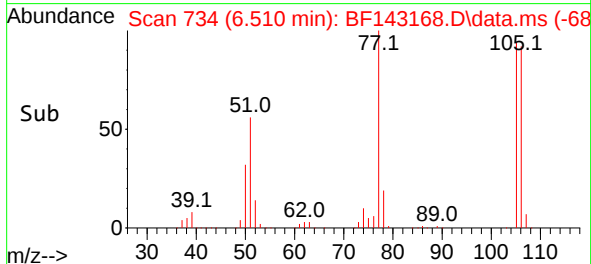
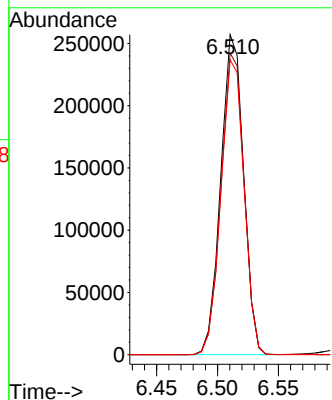
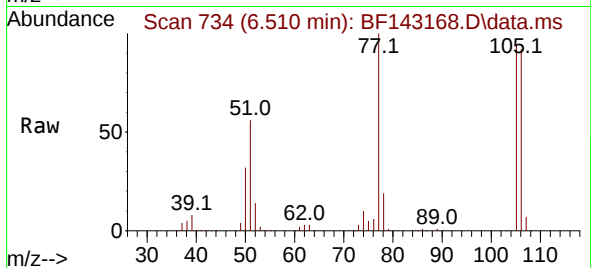




#9
Benzaldehyde
Concen: 43.434 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

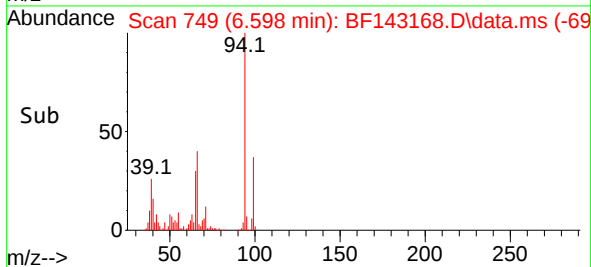
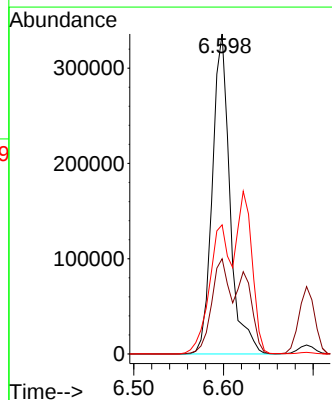
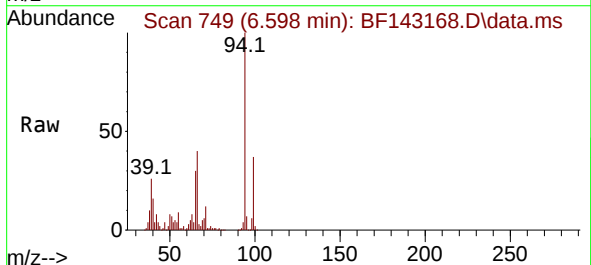
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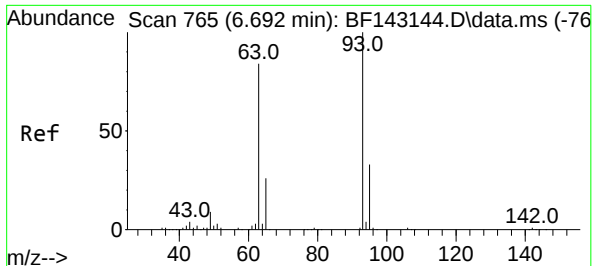
Tgt Ion: 77 Resp: 334989
Ion Ratio Lower Upper
77 100
105 94.2 76.8 116.8
106 92.2 74.4 114.4



#10
Phenol
Concen: 40.835 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion: 94 Resp: 457555
Ion Ratio Lower Upper
94 100
65 29.7 10.0 50.0
66 40.4 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 38.807 ng

RT: 6.693 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

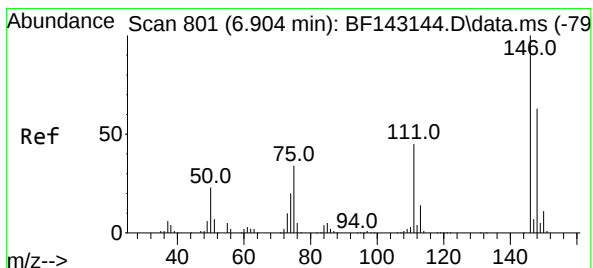
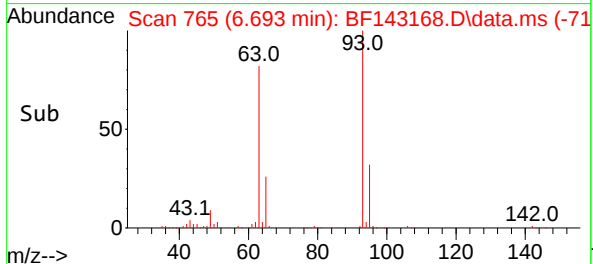
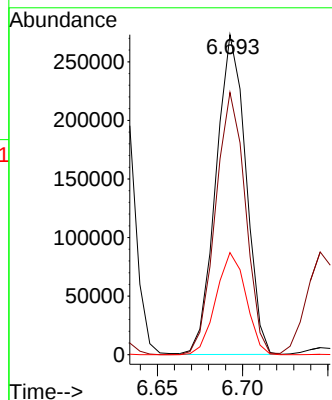
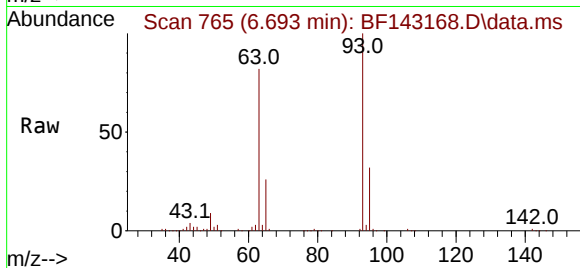
Tgt Ion: 93 Resp: 332934

Ion Ratio Lower Upper

93 100

63 81.9 63.4 103.4

95 31.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.509 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

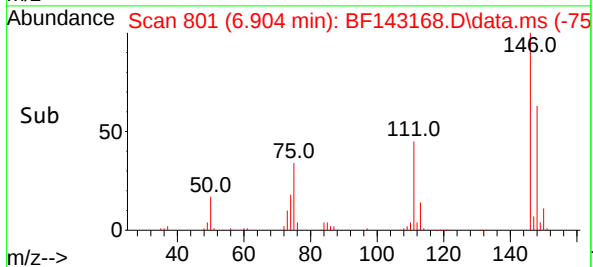
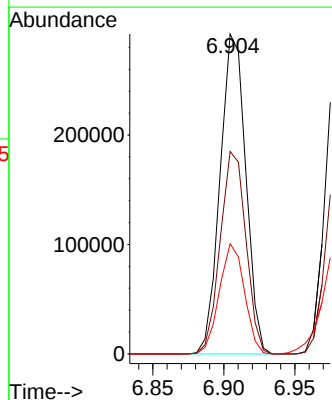
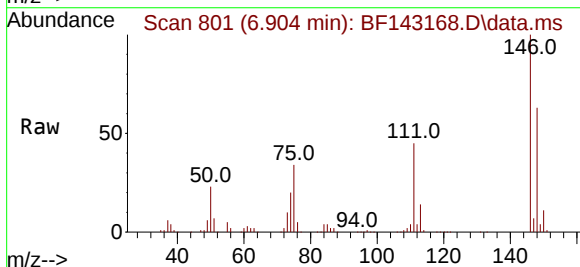
Tgt Ion:146 Resp: 367627

Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

75 34.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.394 ng

RT: 6.981 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

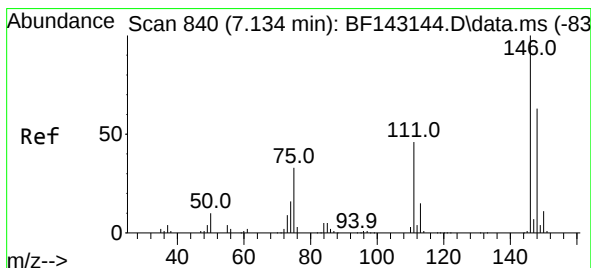
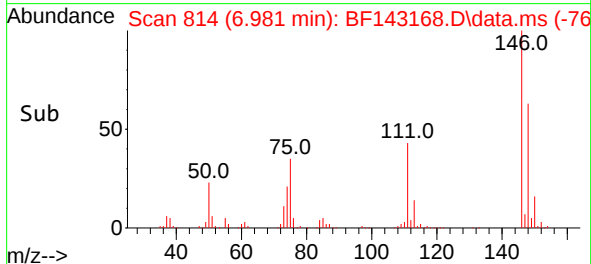
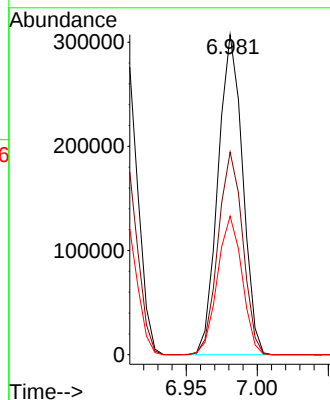
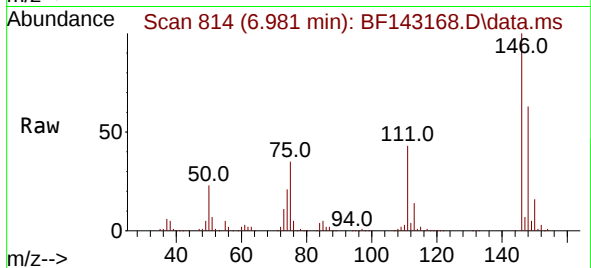
Tgt Ion:146 Resp: 369143

Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

111 43.3 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 39.183 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

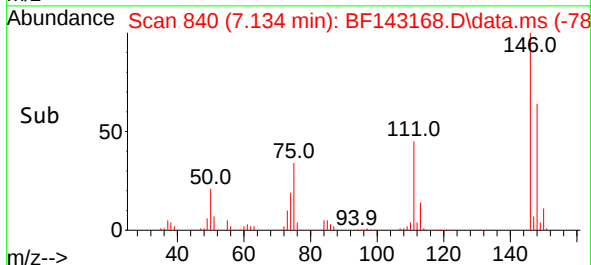
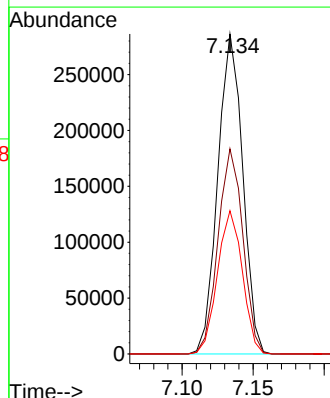
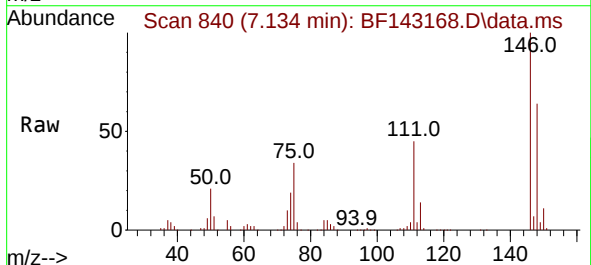
Tgt Ion:146 Resp: 349217

Ion Ratio Lower Upper

146 100

148 64.1 50.7 76.1

111 44.7 36.6 54.8



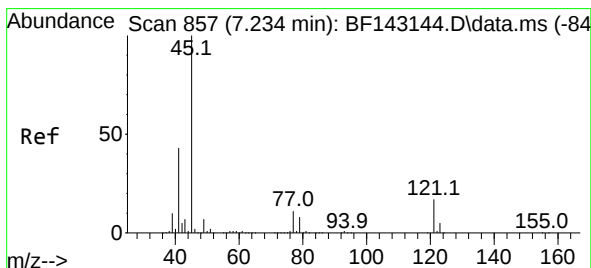
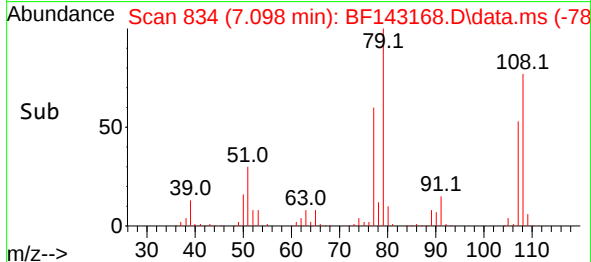
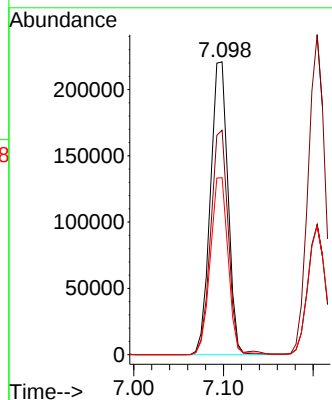
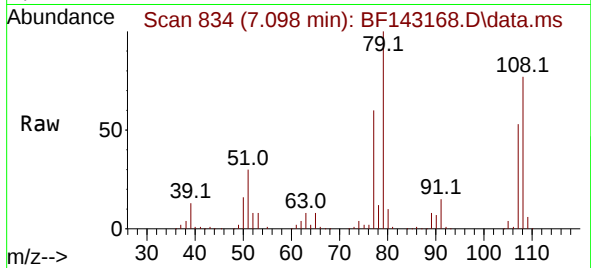


#15
Benzyl Alcohol
Concen: 38.347 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 301160

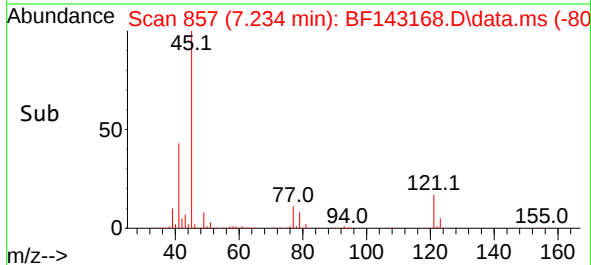
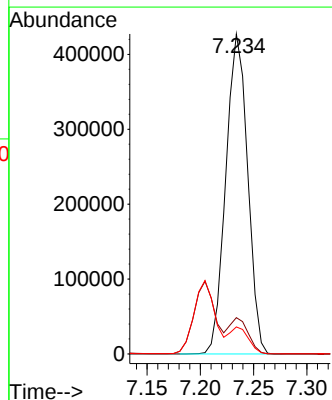
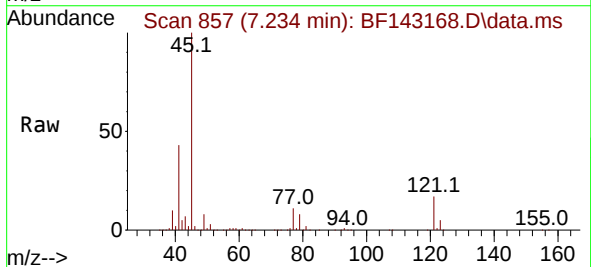
Ion	Ratio	Lower	Upper
79	100		
108	76.7	61.1	91.7
77	60.5	48.9	73.3

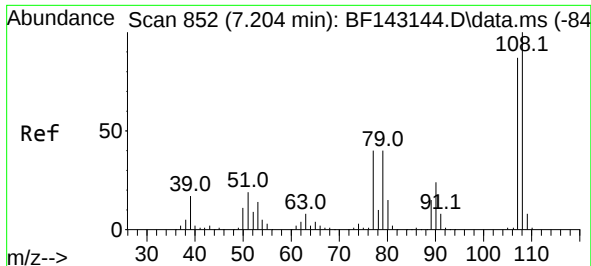


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.256 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion: 45 Resp: 608843

Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.2
79	8.5	0.0	28.5

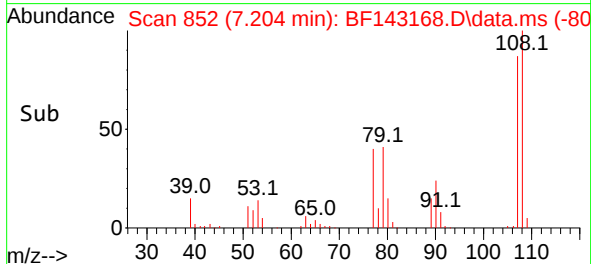
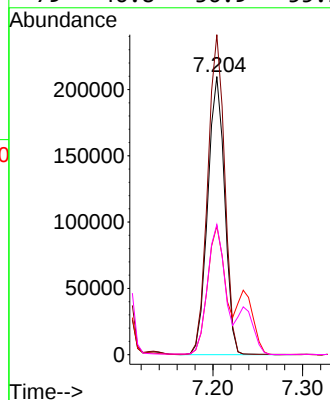
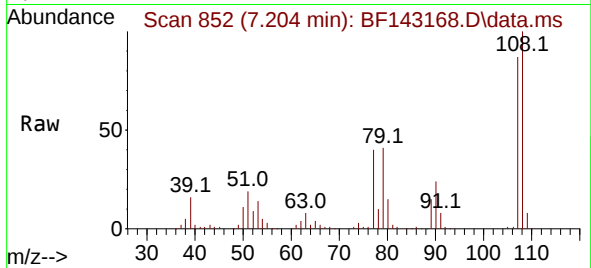




#17
2-Methylphenol
Concen: 38.211 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

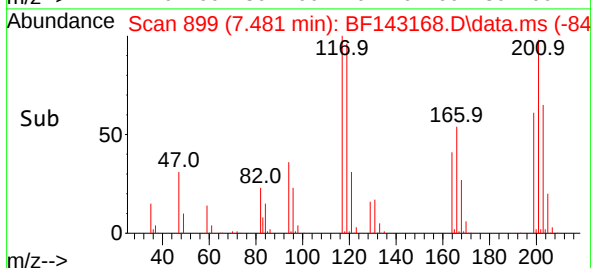
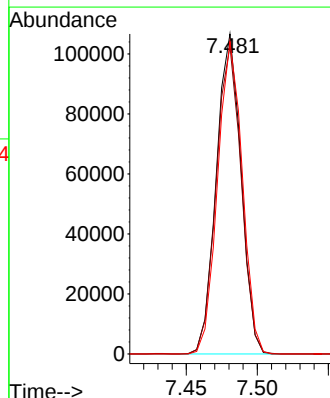
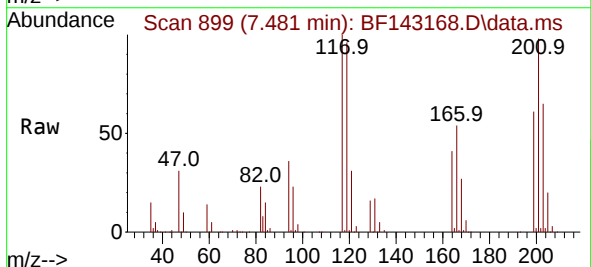
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	275196
Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.8	137.6
77	46.2	37.0	55.6
79	46.8	36.9	55.3



#18
Hexachloroethane
Concen: 39.875 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:	117	Resp:	129354
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.8	116.8
201	97.7	77.0	115.4

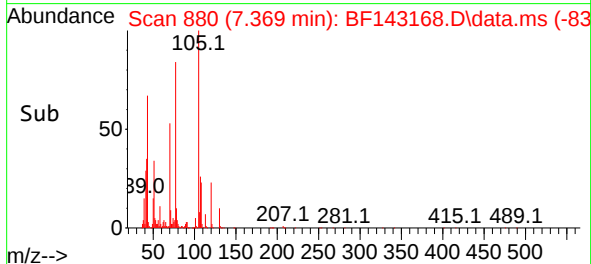
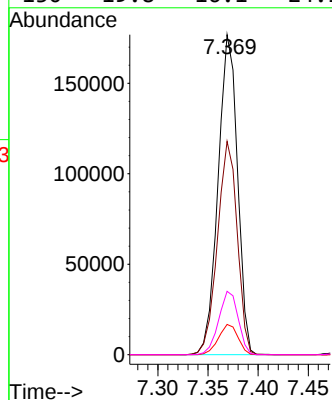
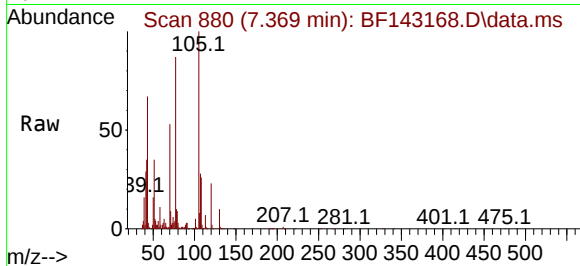




#19
n-Nitroso-di-n-propylamine
Concen: 36.052 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

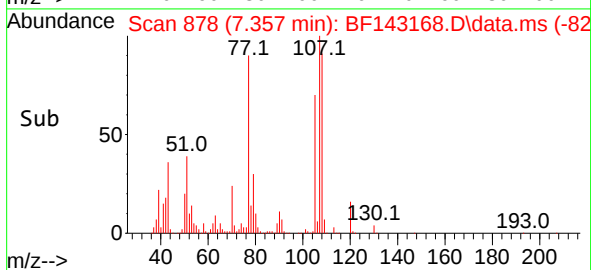
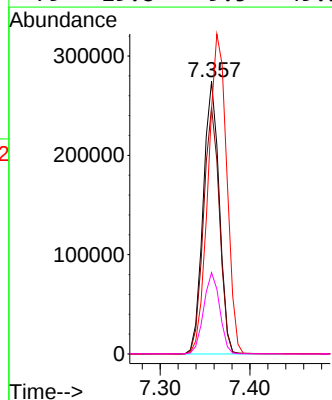
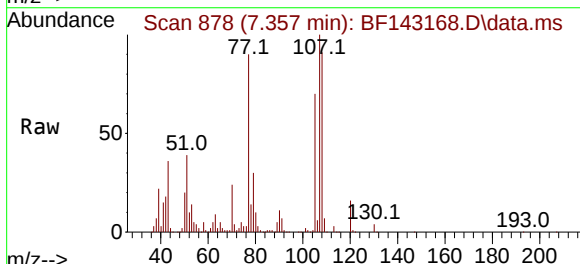
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	237904
Ion	Ratio	Lower	Upper
70	100		
42	66.6	52.5	78.7
101	9.4	7.6	11.4
130	19.8	16.1	24.1



#20
3+4-Methylphenols
Concen: 39.075 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:	107	Resp:	341442
Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.0	110.0
77	89.9	57.8	97.8
79	29.8	9.5	49.5



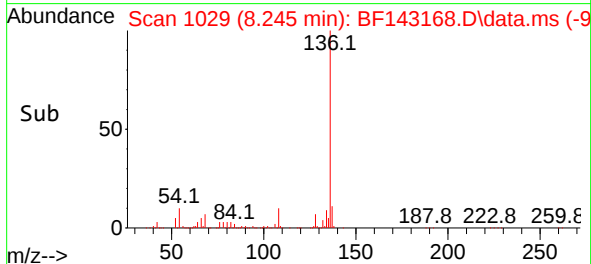
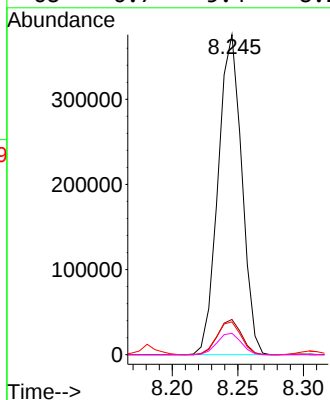
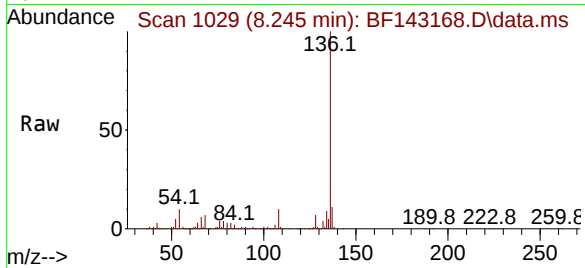


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 471327

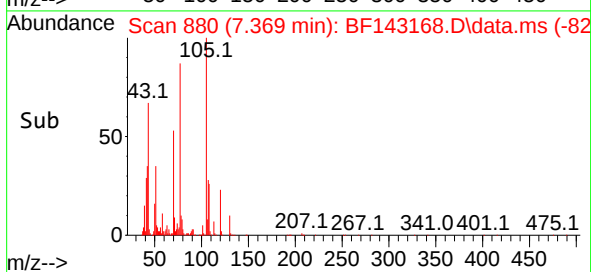
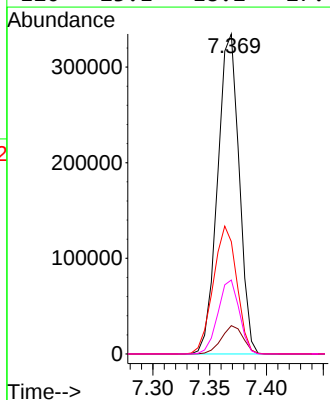
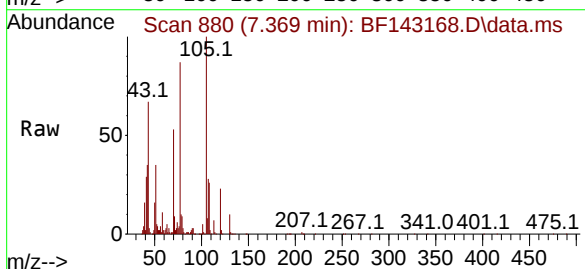
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.2	8.2	12.2
68	6.7	5.4	8.2

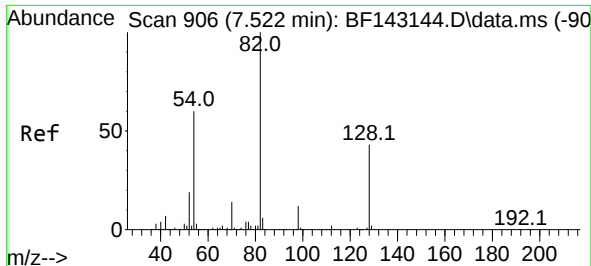


#22
Acetophenone
Concen: 39.581 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:105 Resp: 441669

Ion	Ratio	Lower	Upper
105	100		
71	8.8	5.8	8.6
51	35.1	30.2	45.2
120	23.1	18.2	27.4





#23

Nitrobenzene-d5

Concen: 86.125 ng

RT: 7.522 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

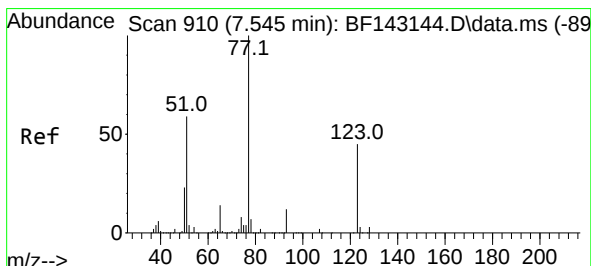
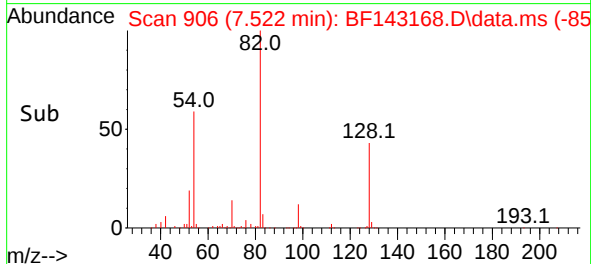
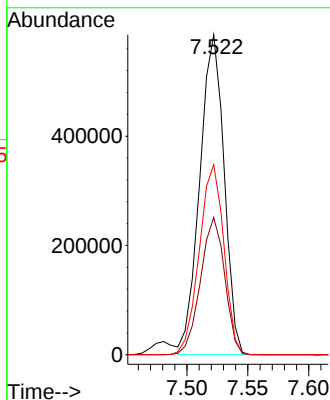
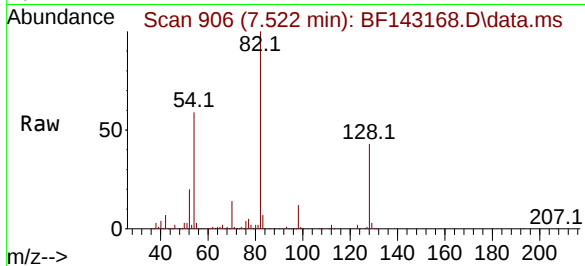
Tgt Ion: 82 Resp: 814350

Ion Ratio Lower Upper

82 100

128 42.8 33.6 50.4

54 59.4 47.1 70.7



#24

Nitrobenzene

Concen: 40.286 ng

RT: 7.540 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

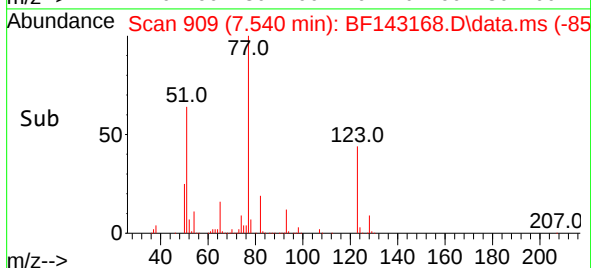
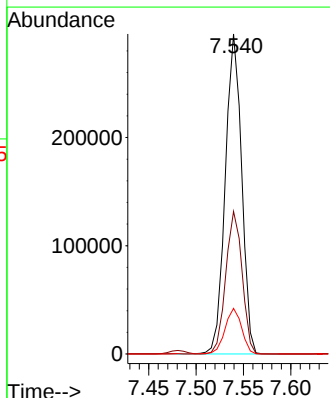
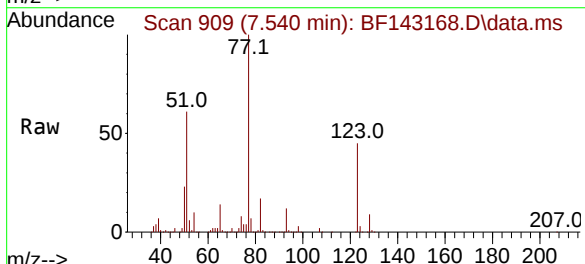
Tgt Ion: 77 Resp: 355142

Ion Ratio Lower Upper

77 100

123 44.5 36.1 54.1

65 14.3 11.4 17.2

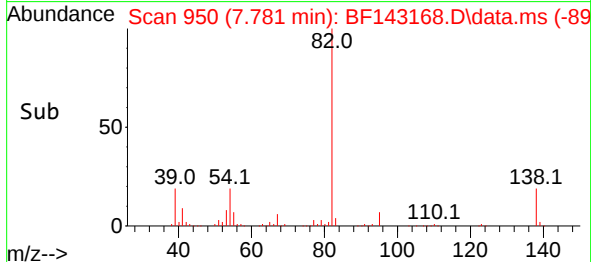
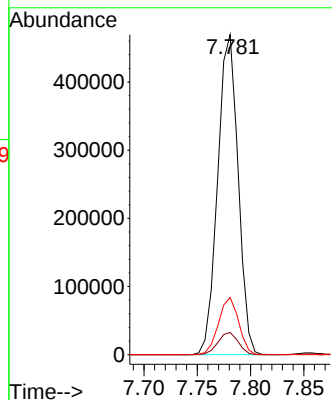
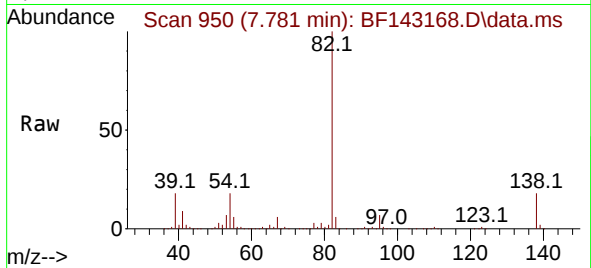




#25
Isophorone
Concen: 37.437 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

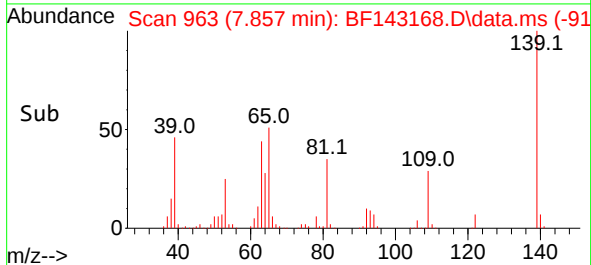
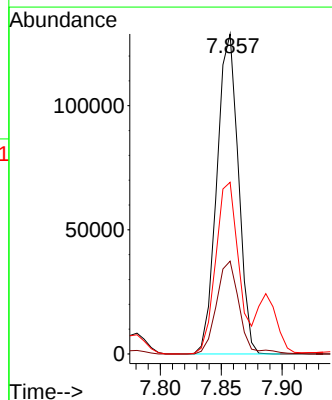
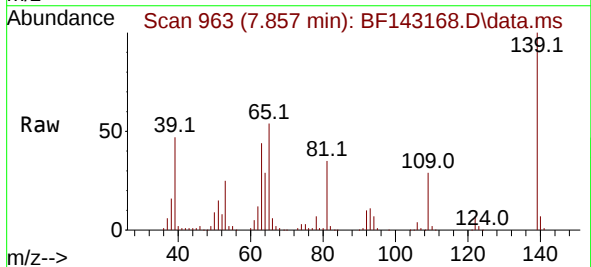
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 624906
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.8 13.8 20.8



#26
2-Nitrophenol
Concen: 41.369 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:139 Resp: 158275
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 53.7 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 38.448 ng

RT: 7.887 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

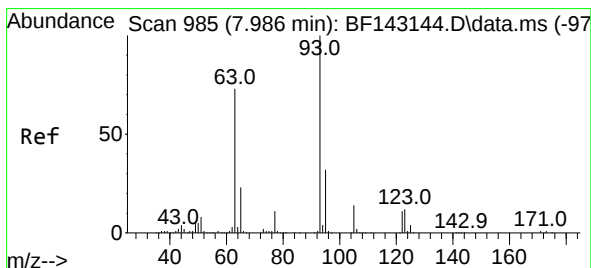
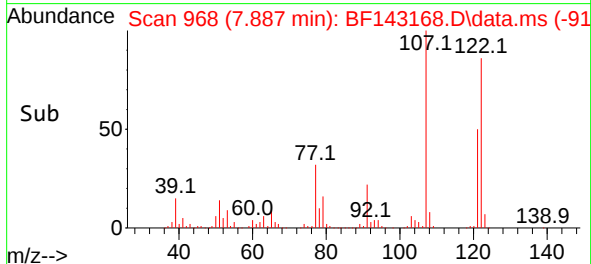
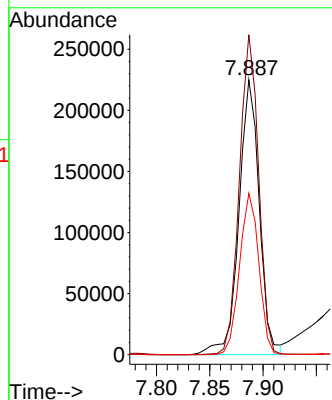
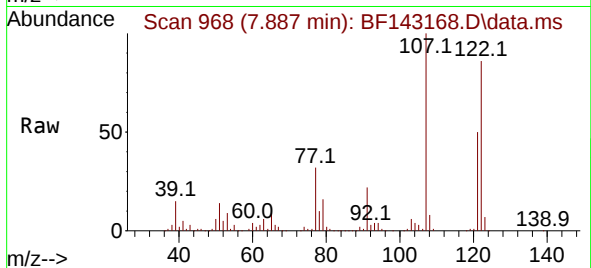
Tgt Ion:122 Resp: 299842

Ion Ratio Lower Upper

122 100

107 116.4 91.8 137.6

121 58.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.338 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

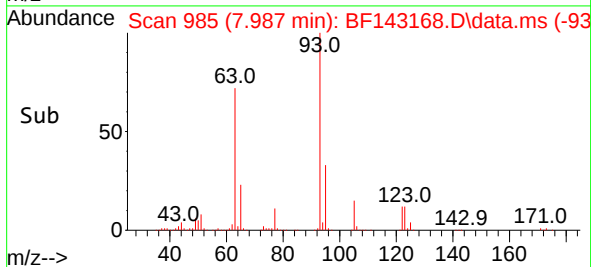
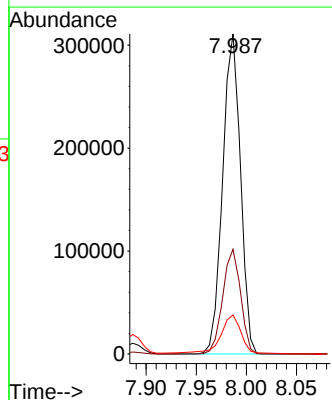
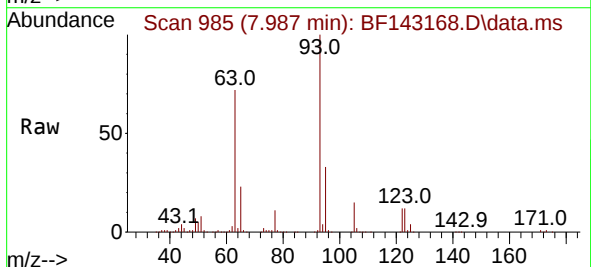
Tgt Ion: 93 Resp: 383681

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 39.301 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

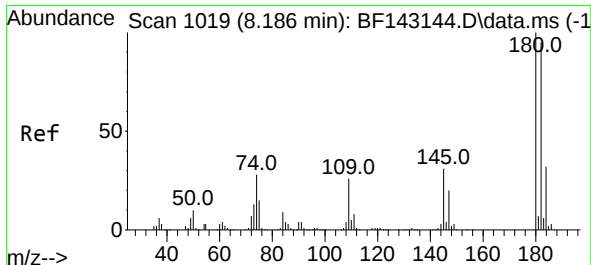
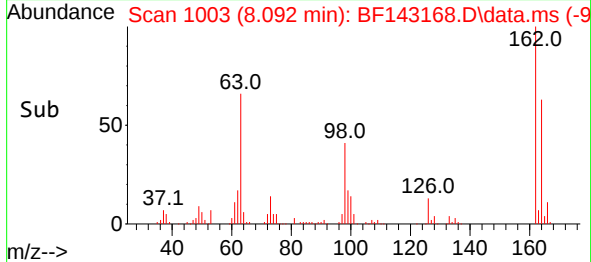
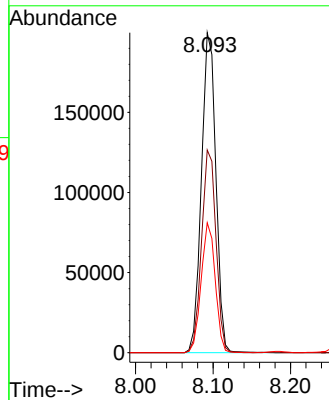
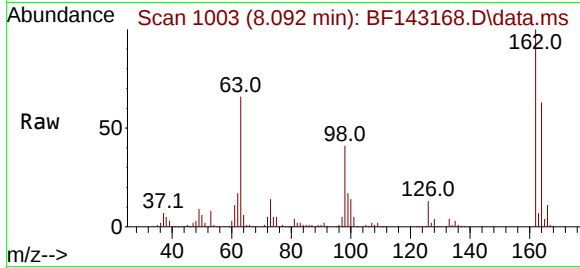
Tgt Ion:162 Resp: 258476

Ion Ratio Lower Upper

162 100

164 63.4 44.2 84.2

98 40.6 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 39.497 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

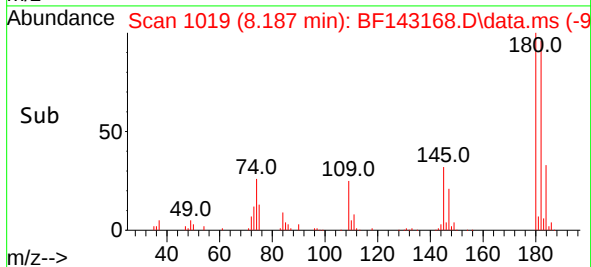
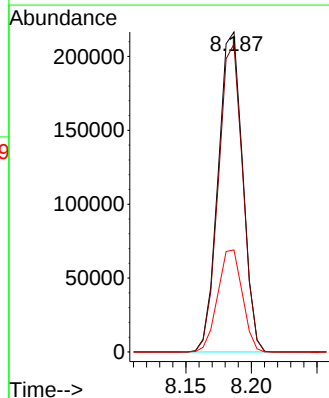
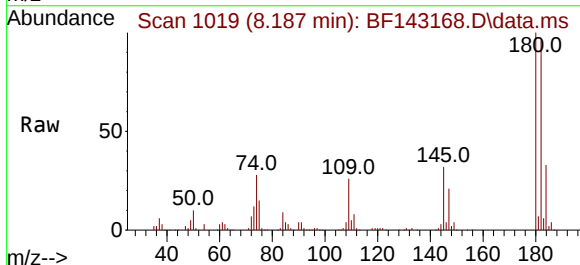
Tgt Ion:180 Resp: 280639

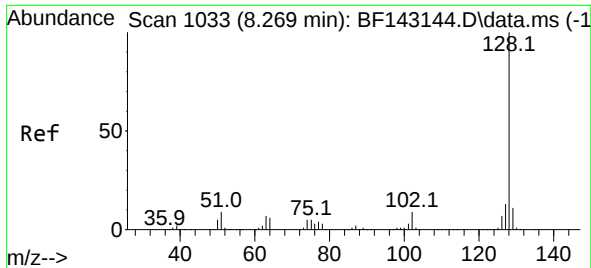
Ion Ratio Lower Upper

180 100

182 96.2 76.2 114.2

145 31.9 25.0 37.6

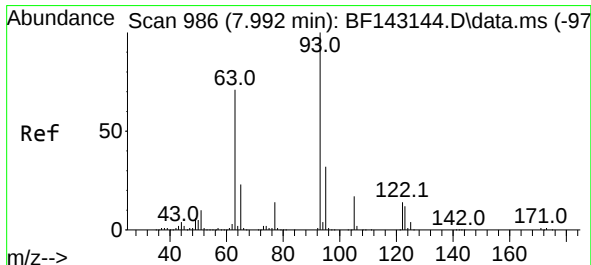
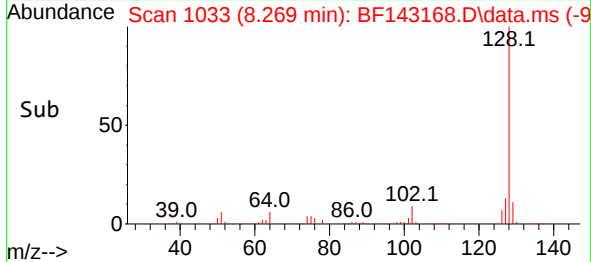
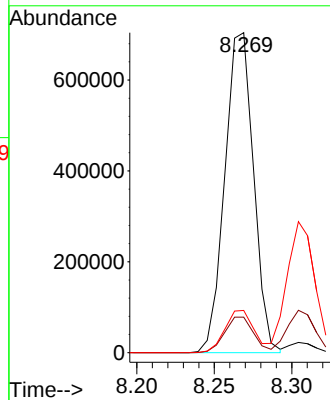
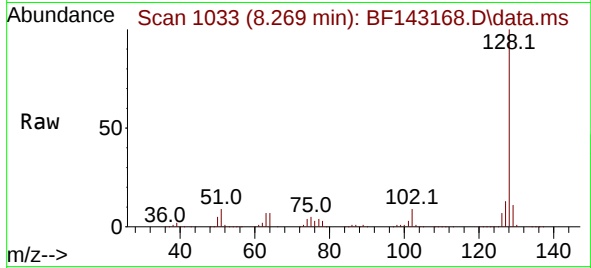




#31
Naphthalene
Concen: 39.153 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

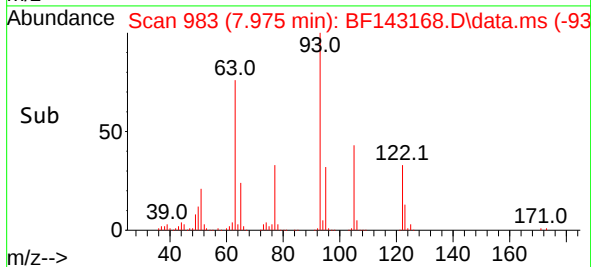
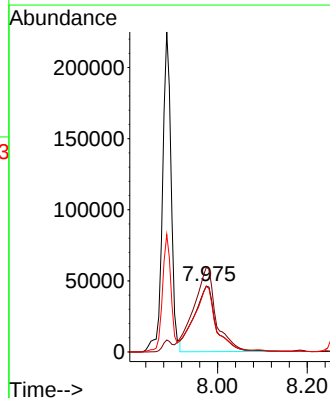
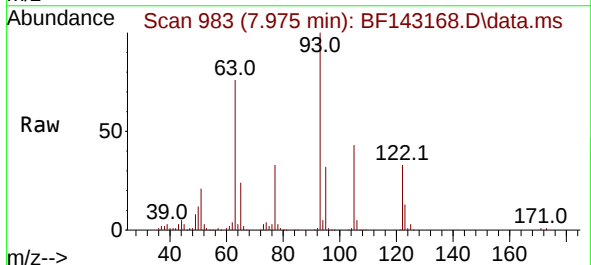
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 908828
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 37.408 ng
RT: 7.975 min Scan# 983
Delta R.T. -0.017 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:122 Resp: 158708
Ion Ratio Lower Upper
122 100
105 128.3 104.8 144.8
77 99.5 77.6 117.6

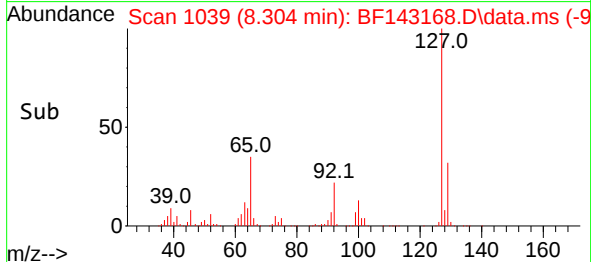
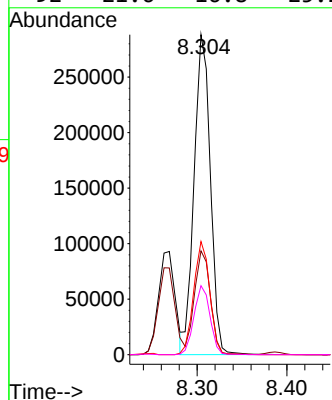
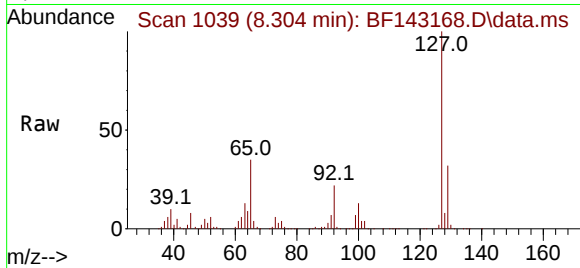




#33
4-Chloroaniline
Concen: 38.294 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

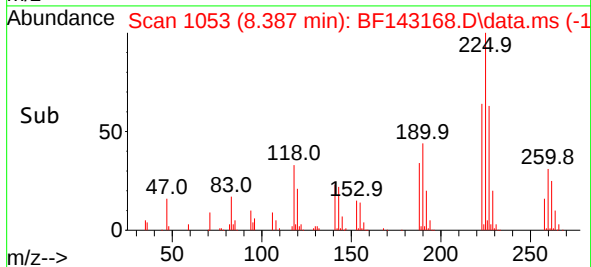
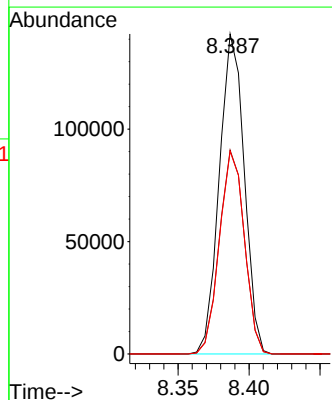
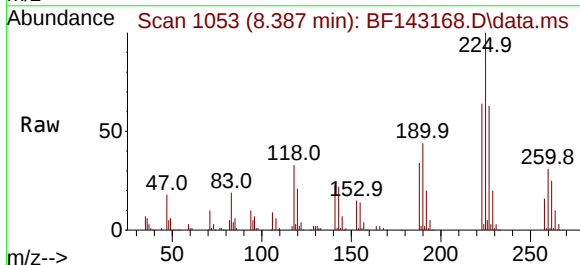
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

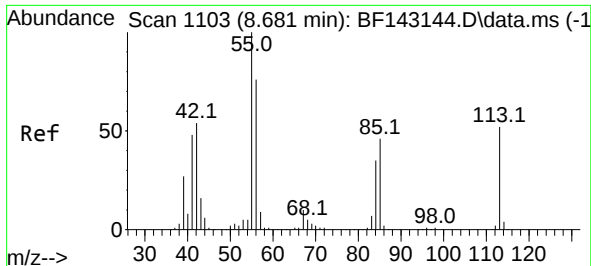
Tgt Ion:	127	Resp:	362956
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	35.4	27.4	41.2
92	21.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.025 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:	225	Resp:	173724
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.6
227	63.3	50.2	75.4

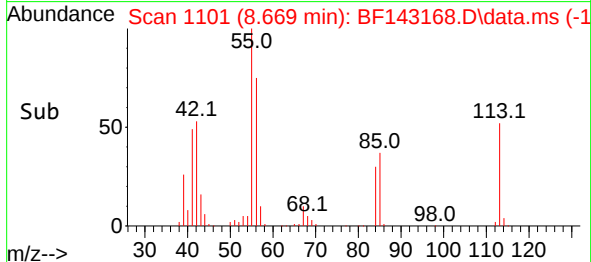
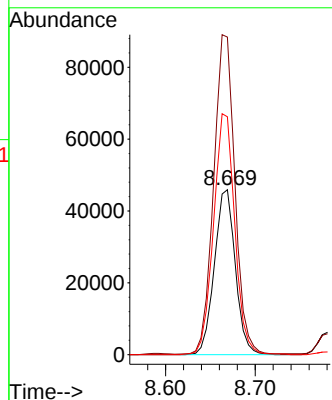
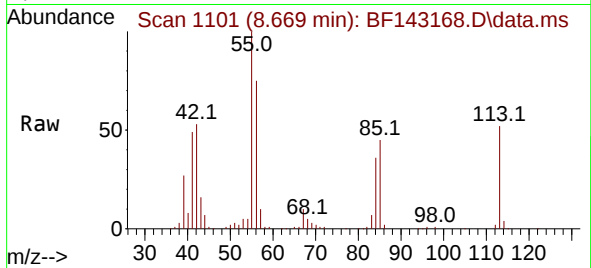




#35
 Caprolactam
 Concen: 37.497 ng
 RT: 8.669 min Scan# 1101
 Delta R.T. -0.012 min
 Lab File: BF143168.D
 Acq: 21 Jul 2025 13:26

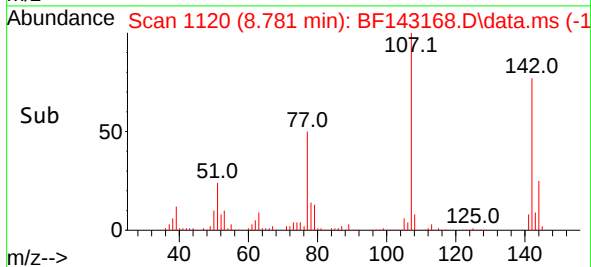
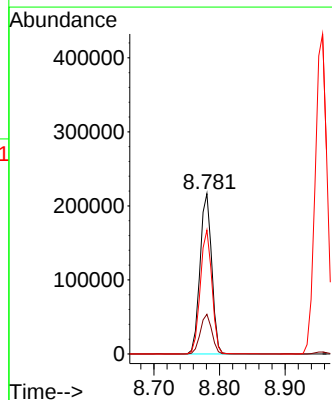
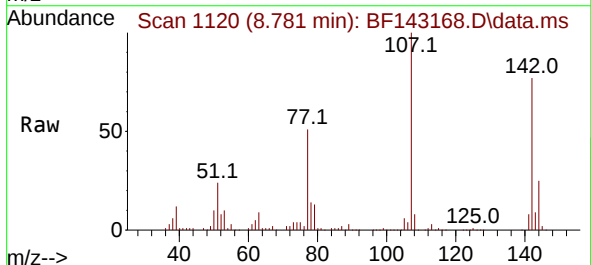
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

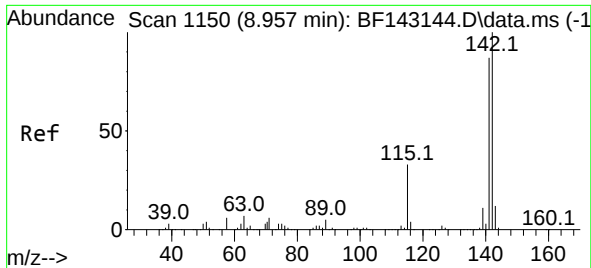
Tgt Ion:113 Resp: 74522
 Ion Ratio Lower Upper
 113 100
 55 192.6 174.0 214.0
 56 144.3 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 37.698 ng
 RT: 8.781 min Scan# 1120
 Delta R.T. 0.000 min
 Lab File: BF143168.D
 Acq: 21 Jul 2025 13:26

Tgt Ion:107 Resp: 269483
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.8 29.6
 142 77.3 60.6 90.8

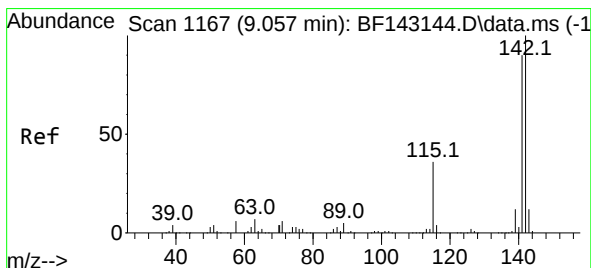
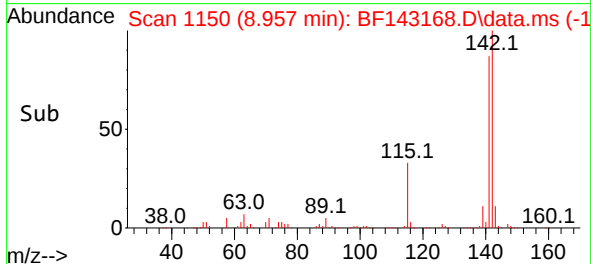
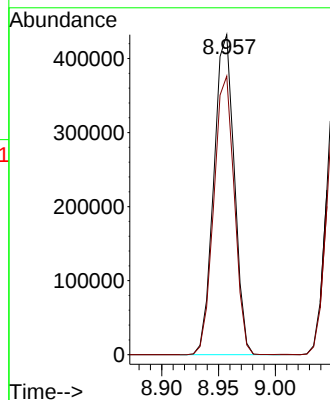
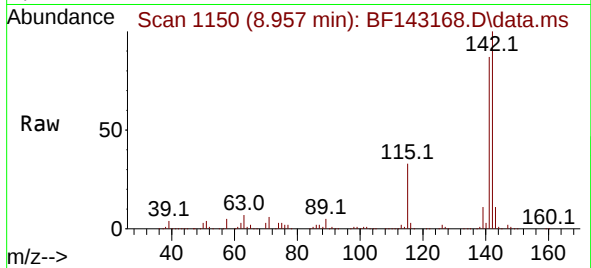




#37
2-Methylnaphthalene
Concen: 38.393 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

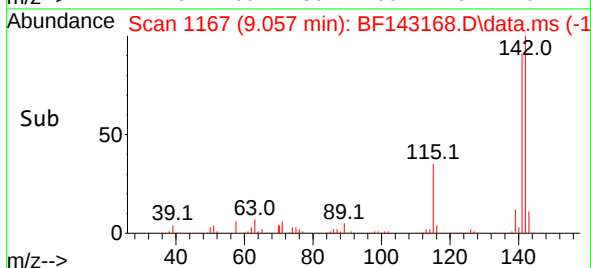
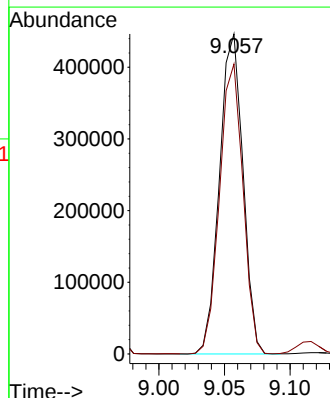
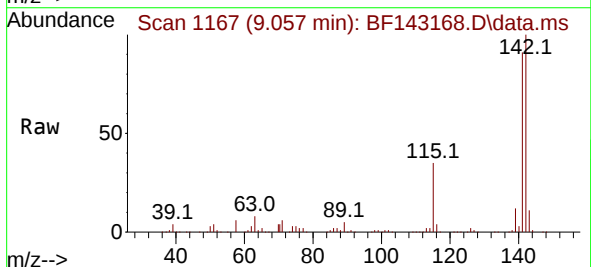
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

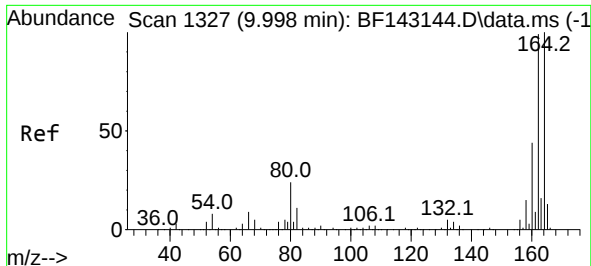
Tgt Ion:142 Resp: 542306
Ion Ratio Lower Upper
142 100
141 87.1 69.9 104.9



#38
1-Methylnaphthalene
Concen: 38.246 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:142 Resp: 556301
Ion Ratio Lower Upper
142 100
141 90.6 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

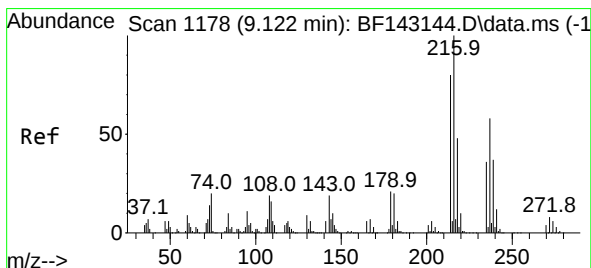
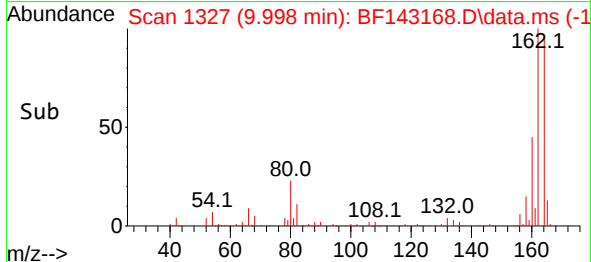
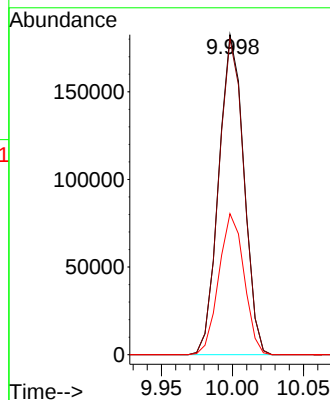
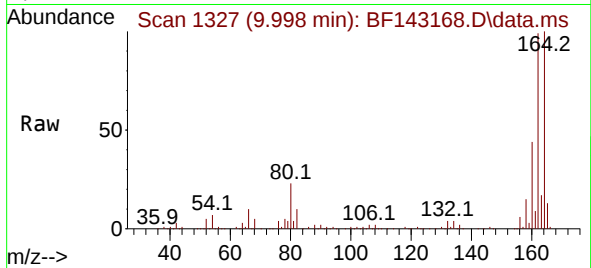
Tgt Ion:164 Resp: 224541

Ion Ratio Lower Upper

164 100

162 98.7 79.0 118.6

160 44.0 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.778 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Tgt Ion:216 Resp: 264356

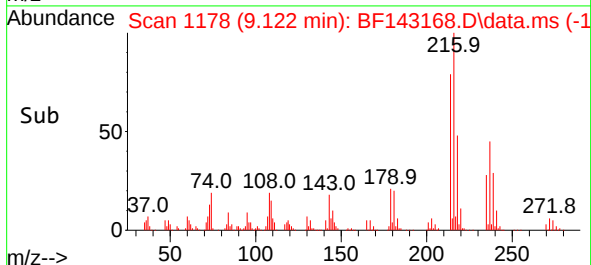
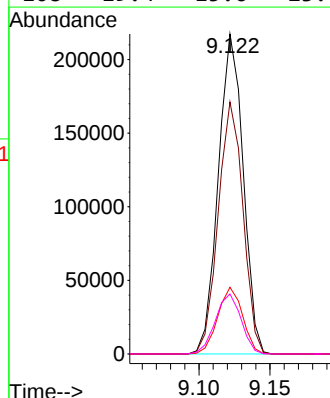
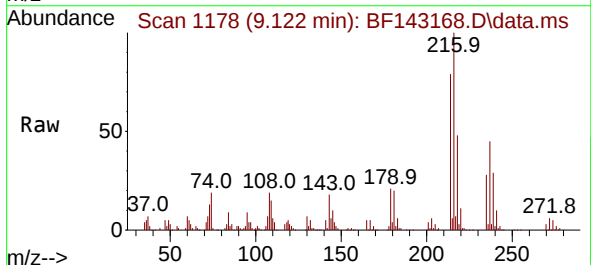
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.8

179 20.8 16.4 24.6

108 19.4 15.6 23.4

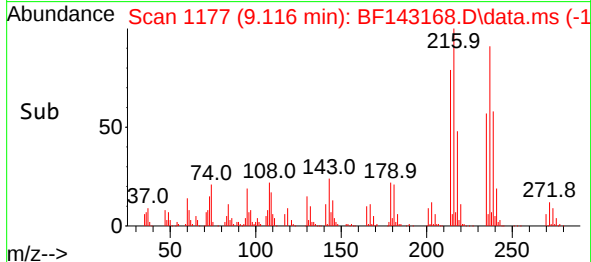
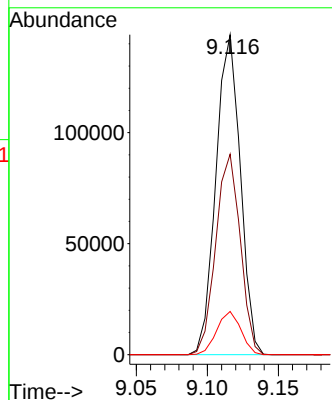
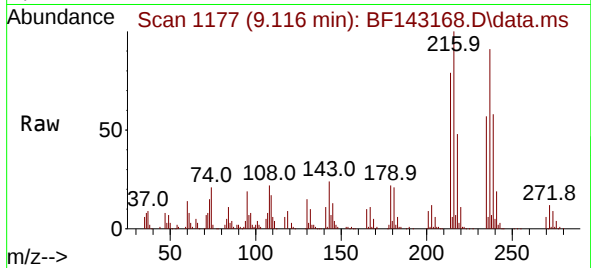




#41
Hexachlorocyclopentadiene
Concen: 40.861 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

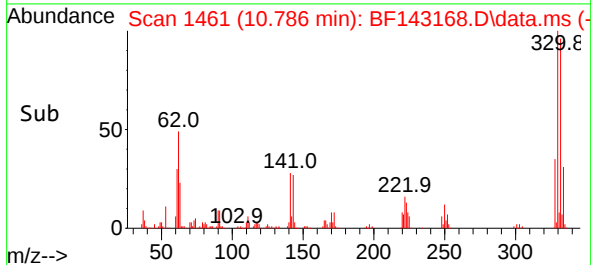
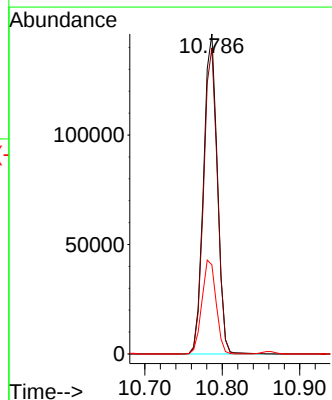
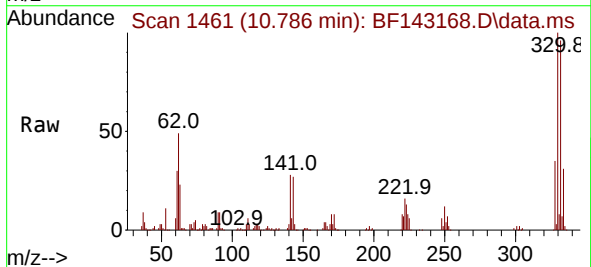
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 172355
Ion Ratio Lower Upper
237 100
235 62.7 43.0 83.0
272 13.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 77.809 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:330 Resp: 180488
Ion Ratio Lower Upper
330 100
332 95.3 76.7 115.1
141 30.1 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 39.031 ng

RT: 9.228 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

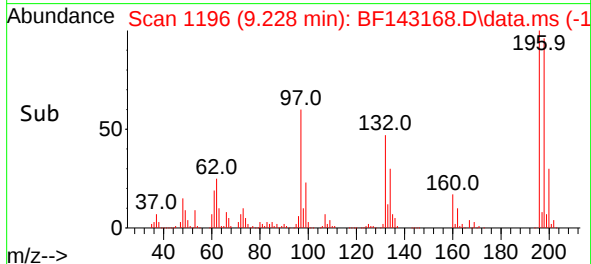
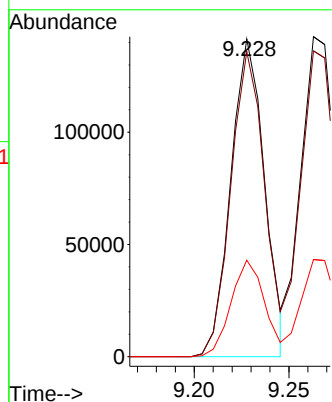
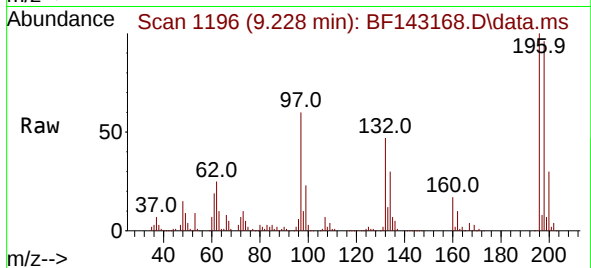
Tgt Ion:196 Resp: 175117

Ion Ratio Lower Upper

196 100

198 96.0 76.2 114.2

200 30.4 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 41.120 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Tgt Ion:196 Resp: 184547

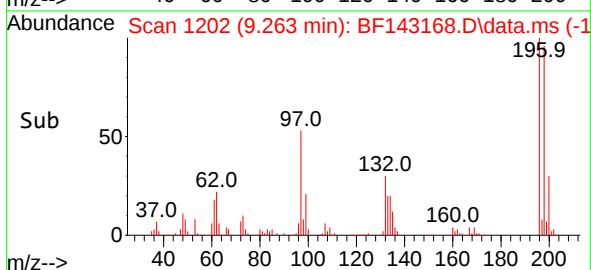
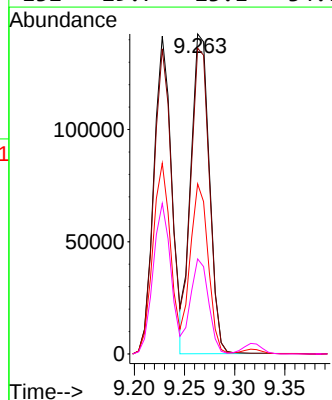
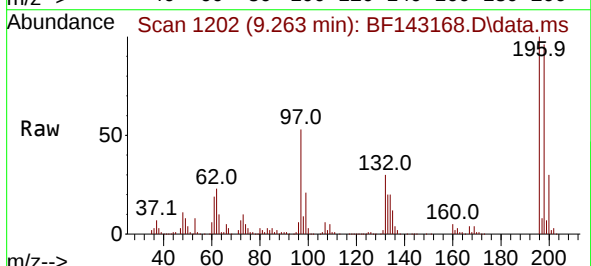
Ion Ratio Lower Upper

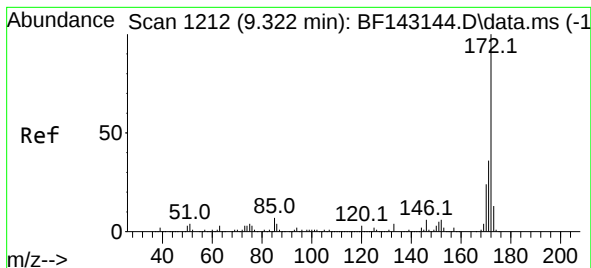
196 100

198 95.6 77.3 115.9

97 53.2 40.3 60.5

132 29.7 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 83.990 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

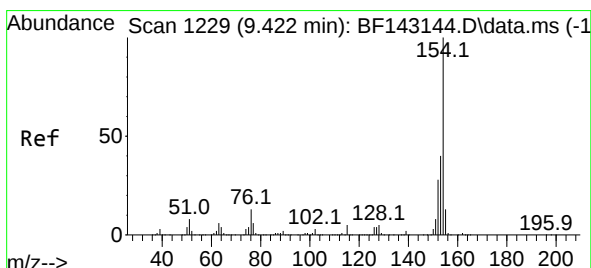
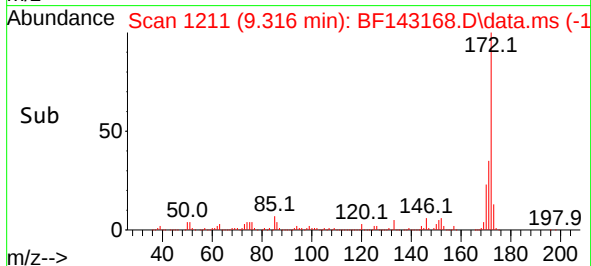
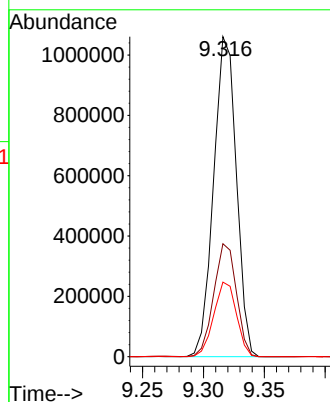
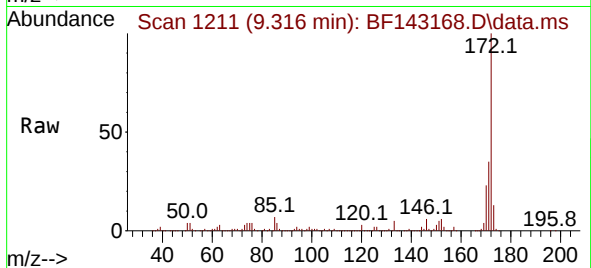
Tgt Ion:172 Resp: 1378979

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 40.377 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

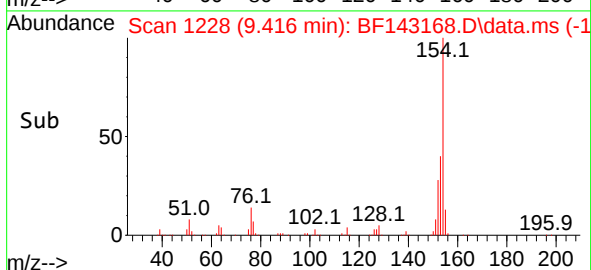
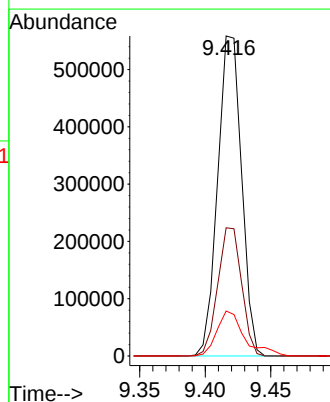
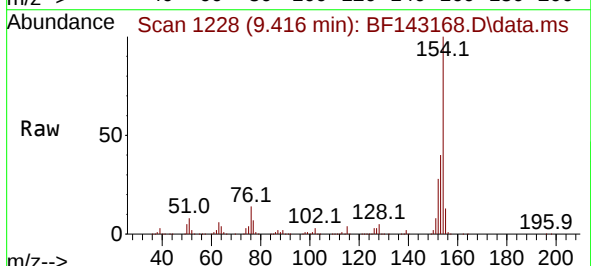
Tgt Ion:154 Resp: 707353

Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 14.1 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.548 ng

RT: 9.445 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

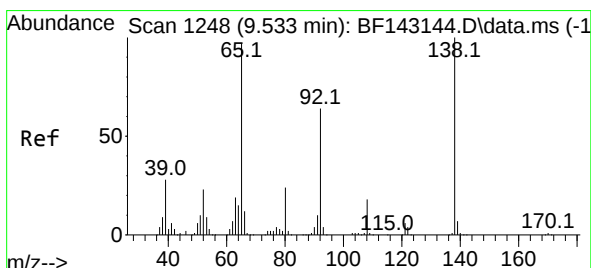
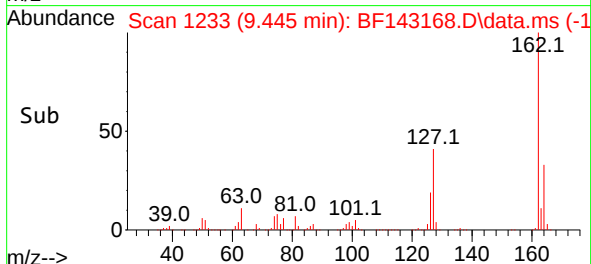
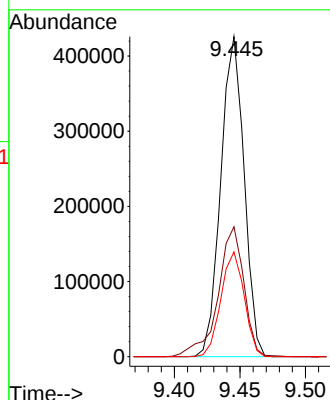
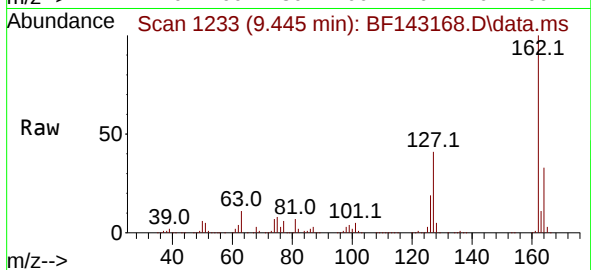
Tgt Ion:162 Resp: 525598

Ion Ratio Lower Upper

162 100

127 40.6 33.4 50.2

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 40.690 ng

RT: 9.528 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

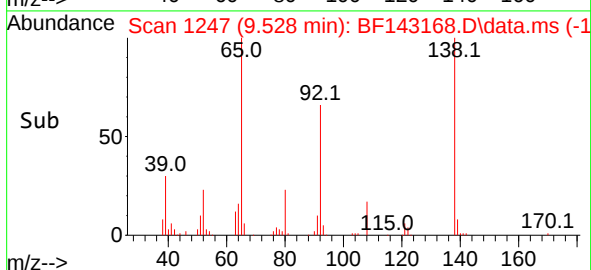
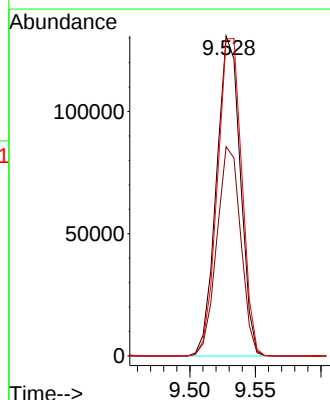
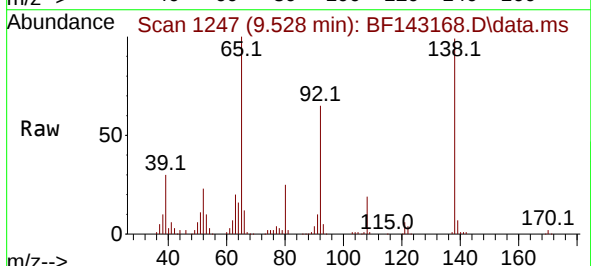
Tgt Ion: 65 Resp: 165406

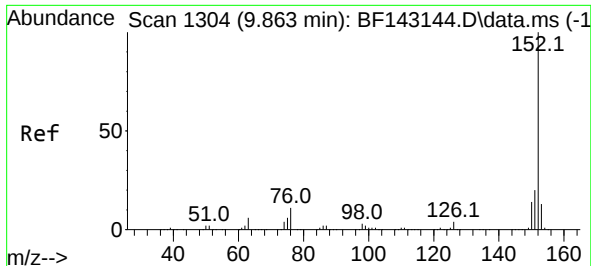
Ion Ratio Lower Upper

65 100

92 65.4 52.4 78.6

138 99.1 82.3 123.5





#49

Acenaphthylene

Concen: 39.729 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

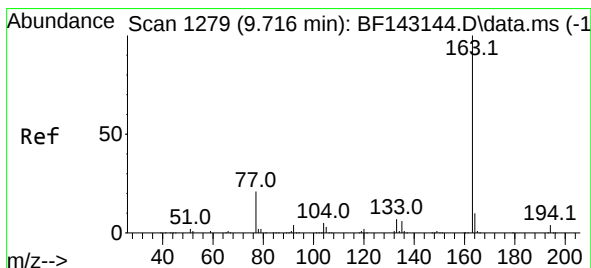
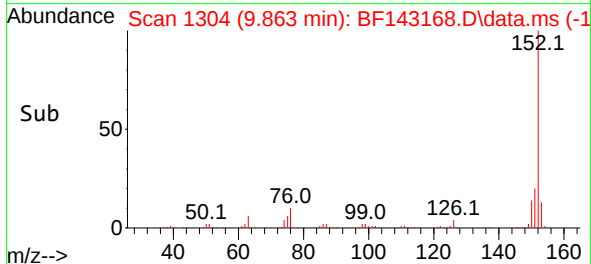
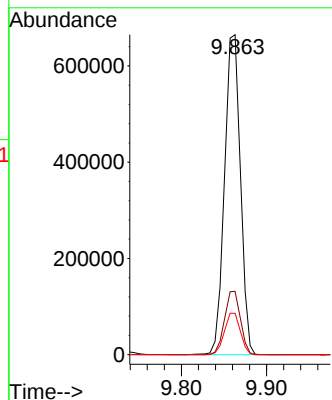
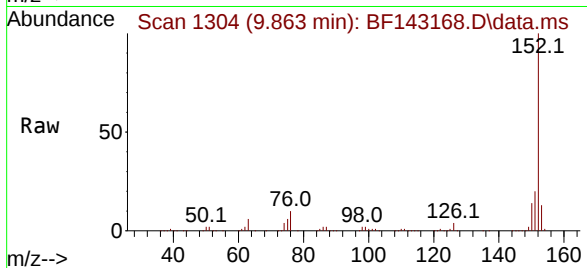
Tgt Ion:152 Resp: 863039

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 12.9 10.6 16.0



#50

Dimethylphthalate

Concen: 38.694 ng

RT: 9.710 min Scan# 1278

Delta R.T. -0.006 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

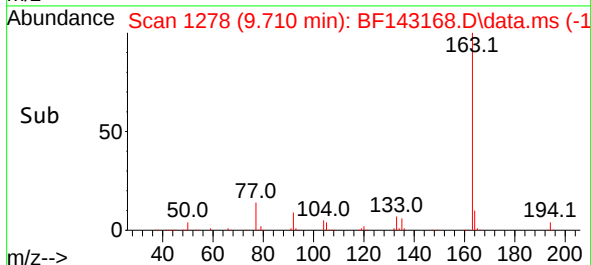
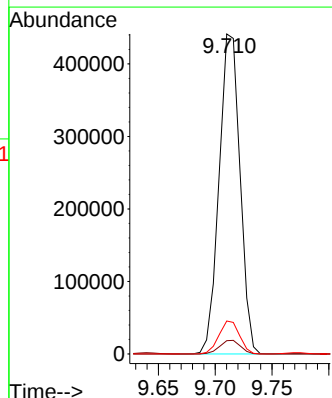
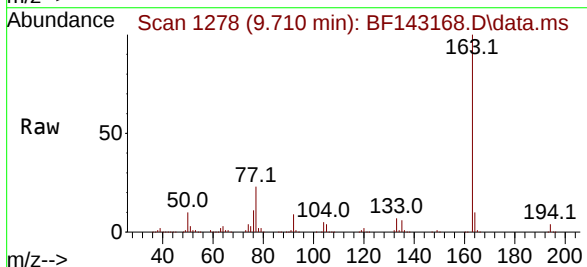
Tgt Ion:163 Resp: 566336

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.3 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 40.104 ng

RT: 9.769 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

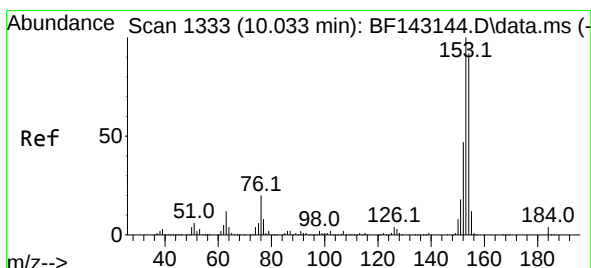
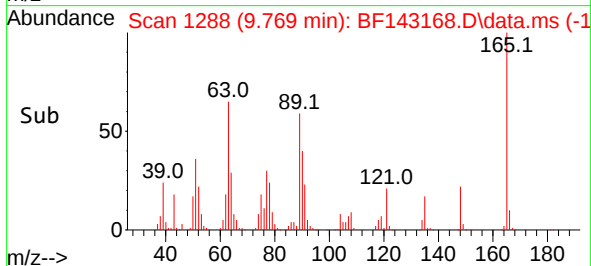
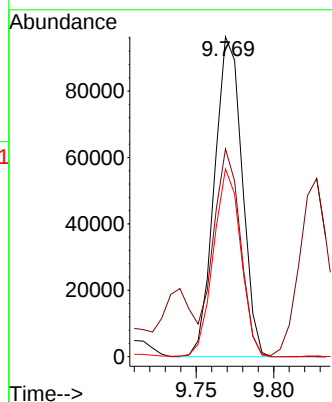
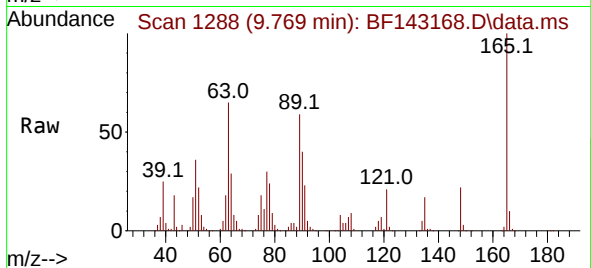
Tgt Ion:165 Resp: 119406

Ion Ratio Lower Upper

165 100

63 65.0 49.4 74.2

89 58.7 46.2 69.2



#52

Acenaphthene

Concen: 39.307 ng

RT: 10.034 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

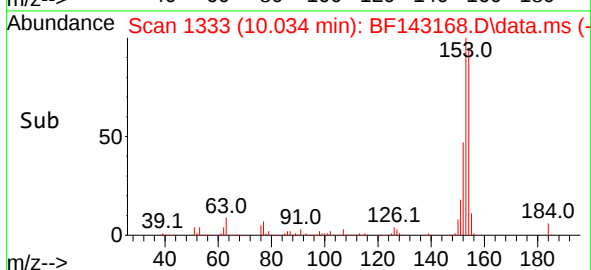
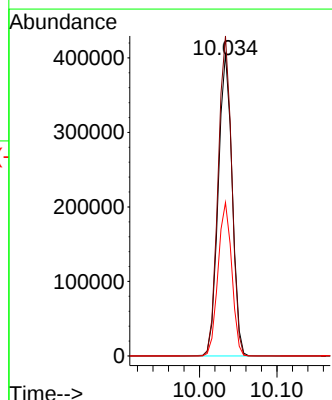
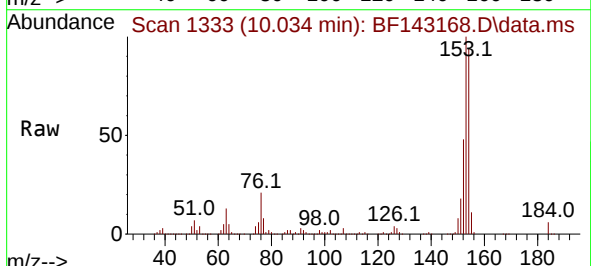
Tgt Ion:154 Resp: 504677

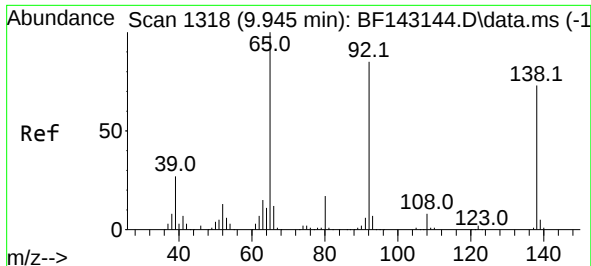
Ion Ratio Lower Upper

154 100

153 105.8 86.6 129.8

152 50.7 40.4 60.6

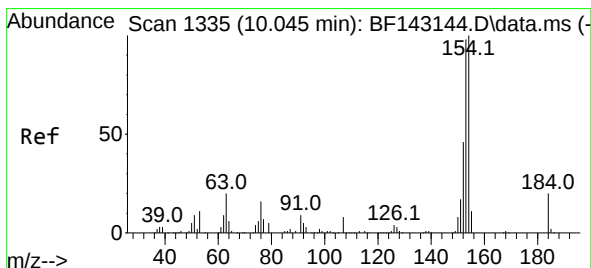
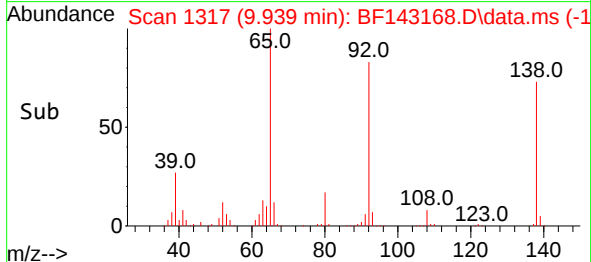
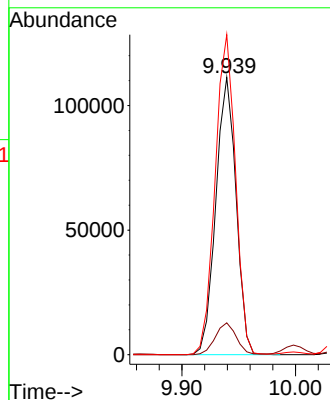
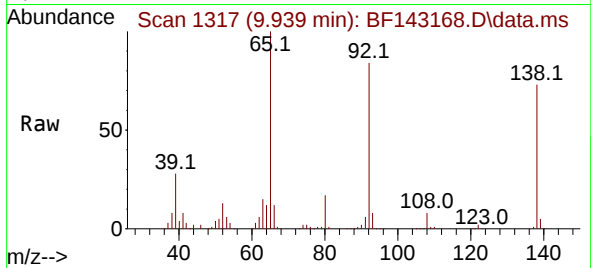




#53
3-Nitroaniline
Concen: 39.575 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

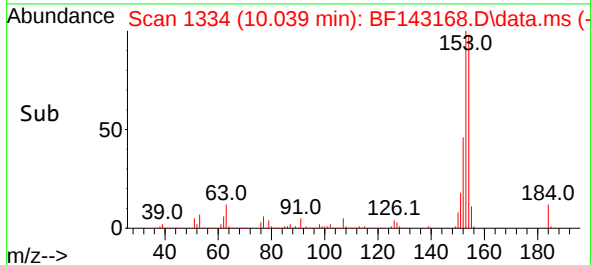
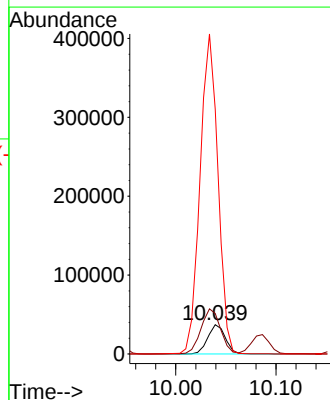
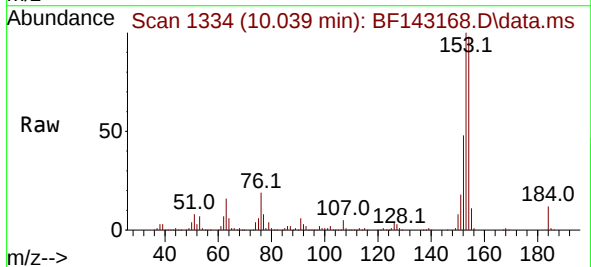
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 137824
Ion Ratio Lower Upper
138 100
108 11.5 9.0 13.6
92 115.4 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 37.445 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:184 Resp: 45312
Ion Ratio Lower Upper
184 100
63 138.3 81.8 122.6#
154 836.1 412.2 618.4#

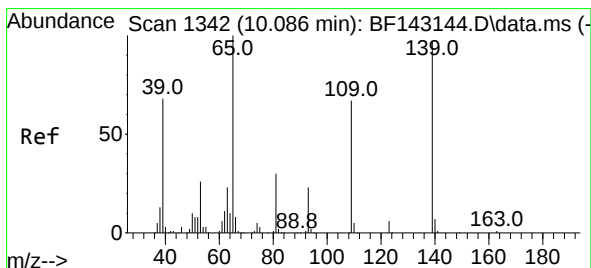
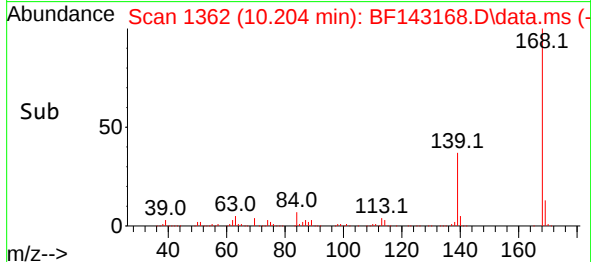
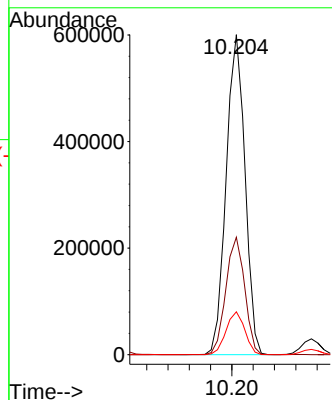
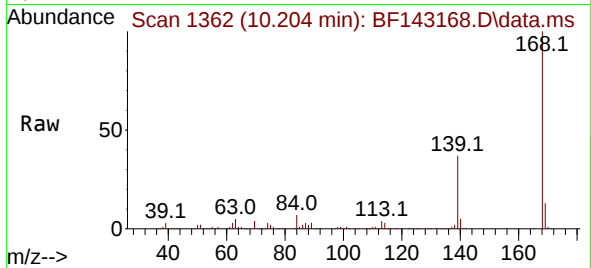




#55
Dibenzofuran
Concen: 38.531 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

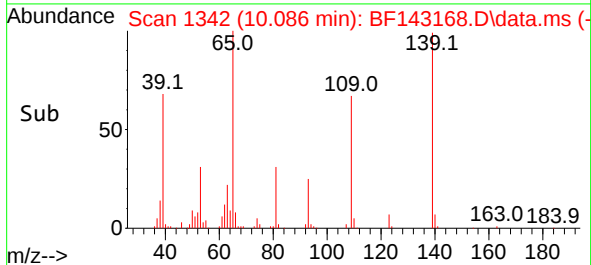
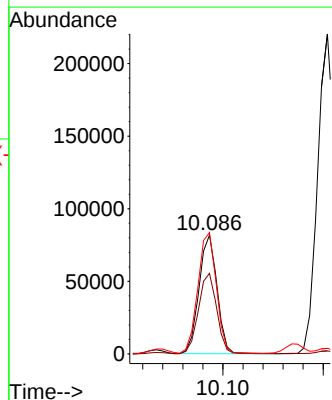
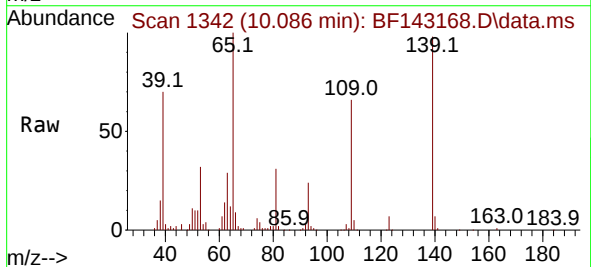
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 734501
Ion Ratio Lower Upper
168 100
139 36.7 29.5 44.3
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 39.397 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:139 Resp: 102456
Ion Ratio Lower Upper
139 100
109 67.8 48.5 88.5
65 102.1 83.4 123.4

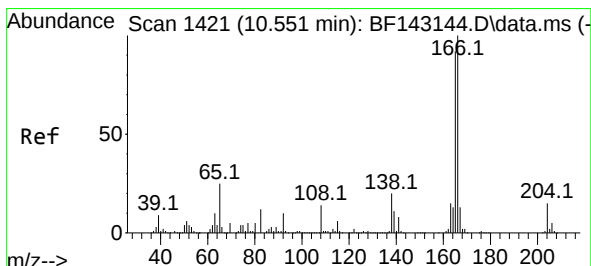
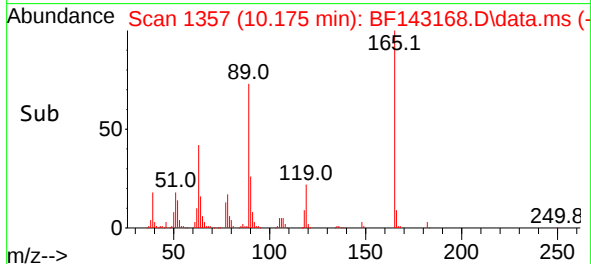
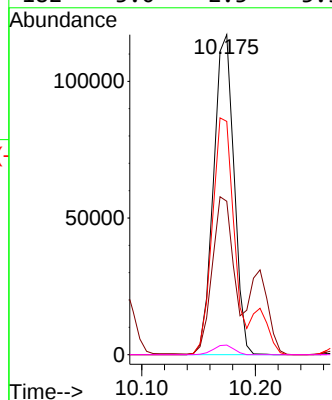
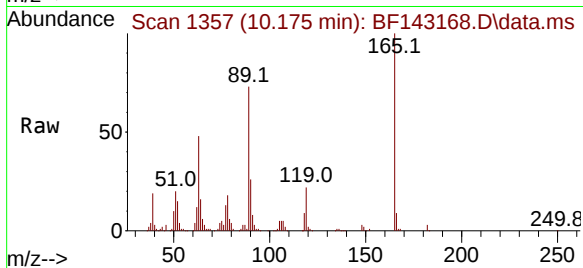




#57
2,4-Dinitrotoluene
Concen: 39.271 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

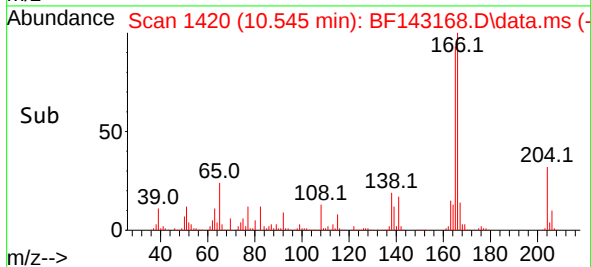
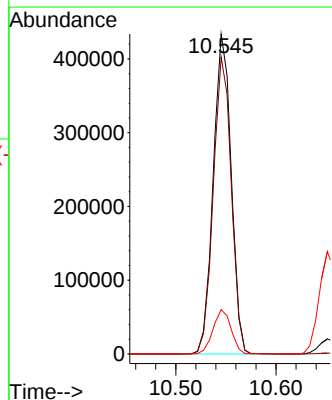
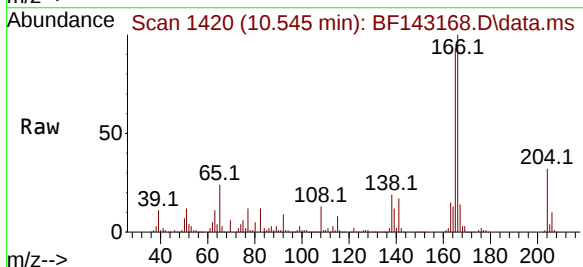
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 146697
Ion Ratio Lower Upper
165 100
63 48.0 41.0 61.4
89 72.9 61.1 91.7
182 3.0 2.3 3.5



#58
Fluorene
Concen: 37.663 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:166 Resp: 538833
Ion Ratio Lower Upper
166 100
165 92.8 73.7 110.5
167 13.8 10.6 16.0

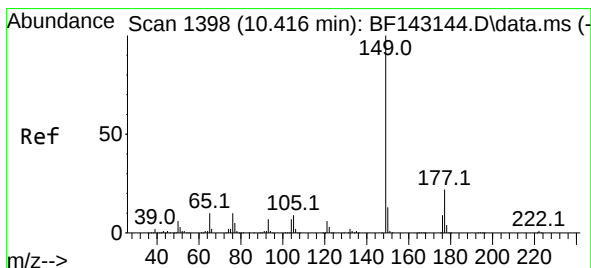
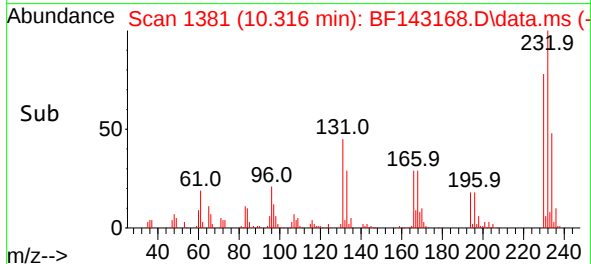
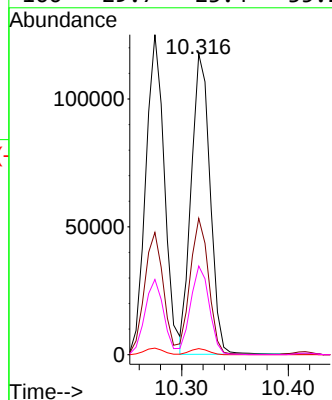
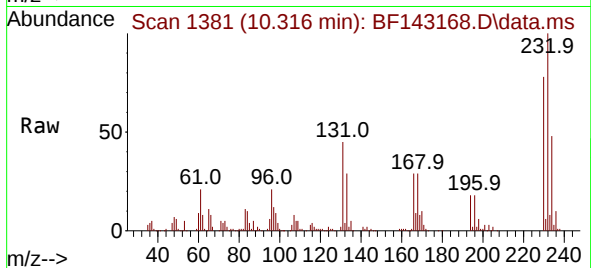




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.777 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

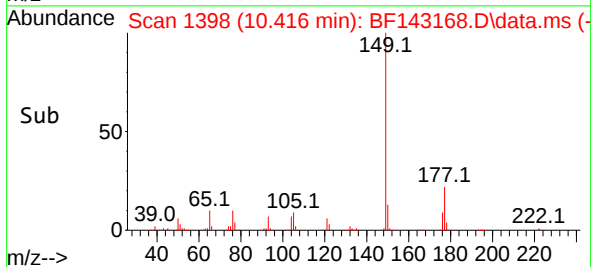
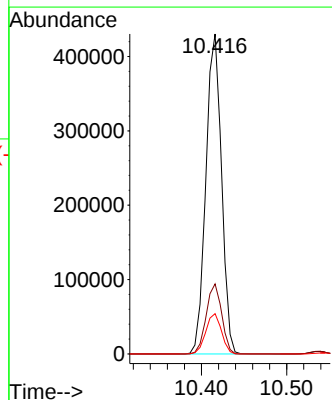
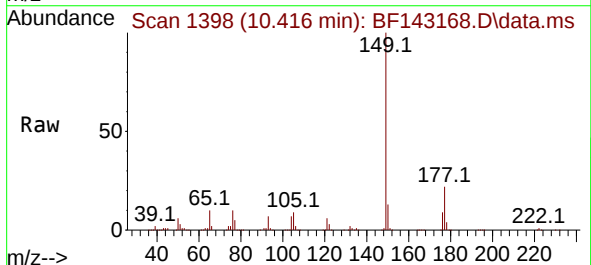
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

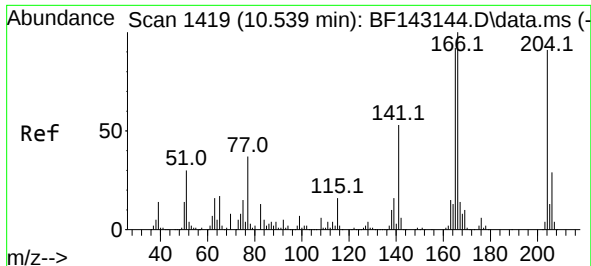
Tgt Ion:232 Resp: 144159
Ion Ratio Lower Upper
232 100
131 45.5 35.3 52.9
130 2.0 1.7 2.5
166 29.7 23.4 35.2



#60
Diethylphthalate
Concen: 37.818 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:149 Resp: 547097
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.6 10.2 15.2

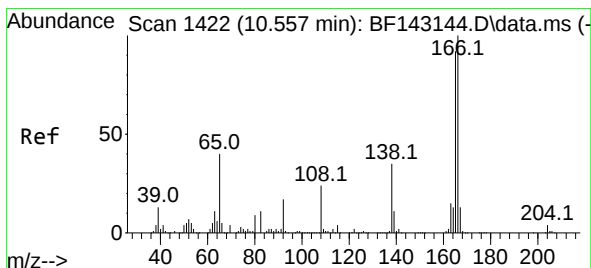
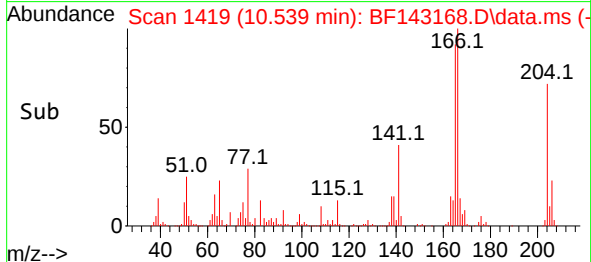
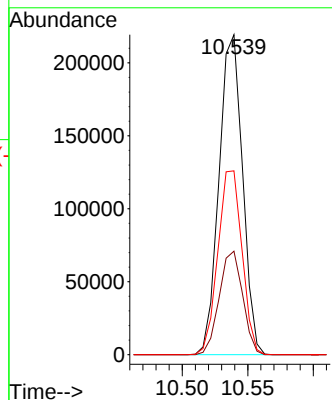
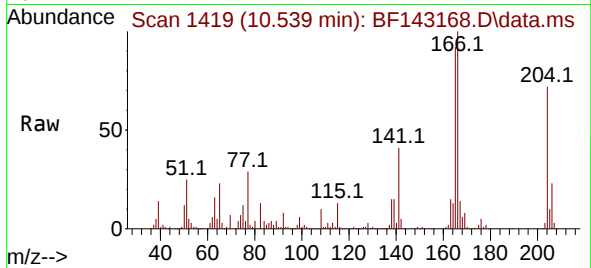




#61
4-Chlorophenyl-phenylether
Concen: 38.350 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

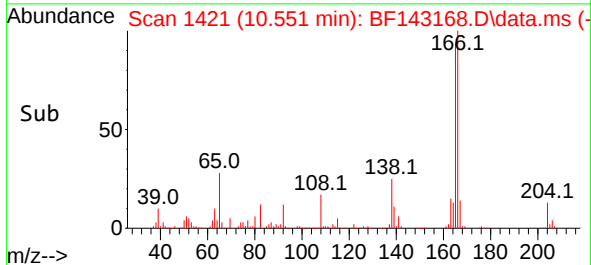
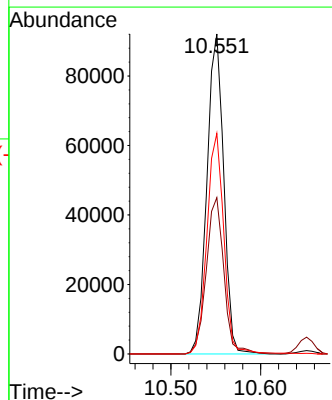
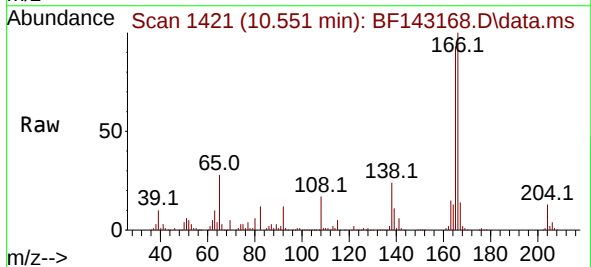
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

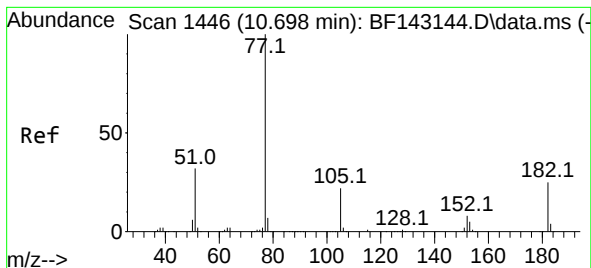
Tgt Ion:204 Resp: 273201
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 57.4 47.0 70.4



#62
4-Nitroaniline
Concen: 39.990 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:138 Resp: 119360
Ion Ratio Lower Upper
138 100
92 48.8 29.3 69.3
108 68.9 48.3 88.3





#63

Azobenzene

Concen: 38.266 ng

RT: 10.698 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 576949

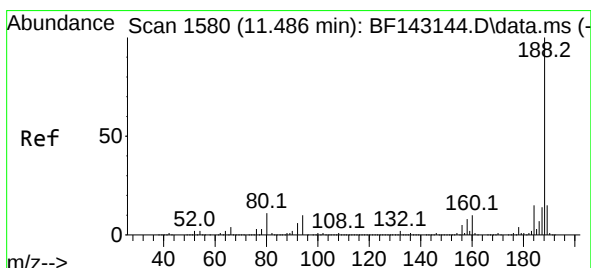
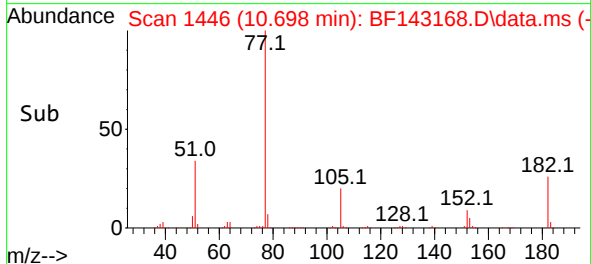
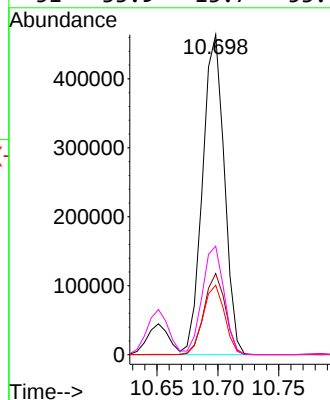
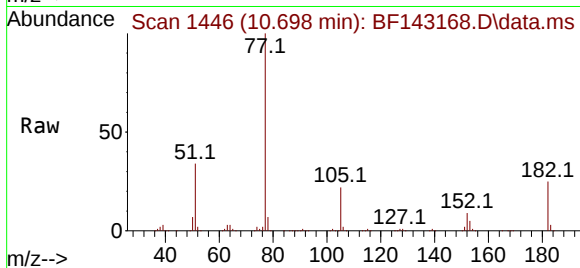
Ion Ratio Lower Upper

77 100

182 25.3 4.6 44.6

105 21.7 1.4 41.4

51 33.9 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.481 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

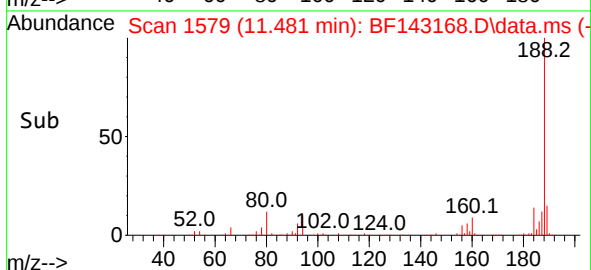
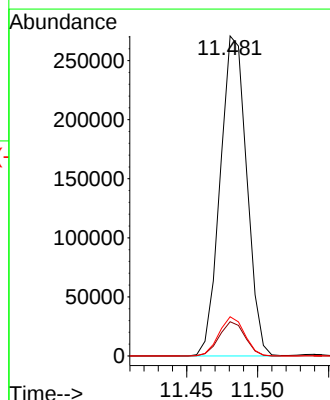
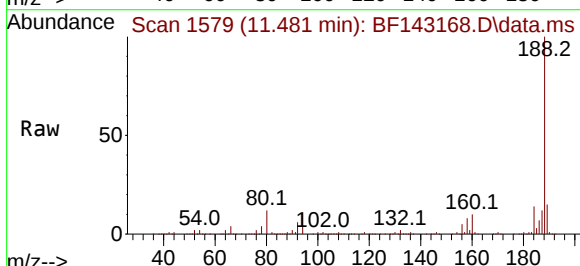
Tgt Ion:188 Resp: 352118

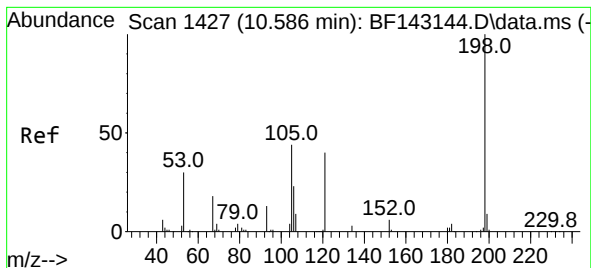
Ion Ratio Lower Upper

188 100

94 10.7 8.3 12.5

80 12.3 9.0 13.6

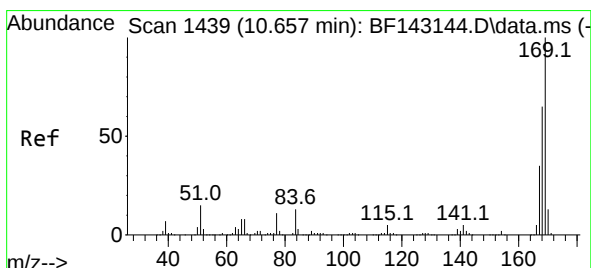
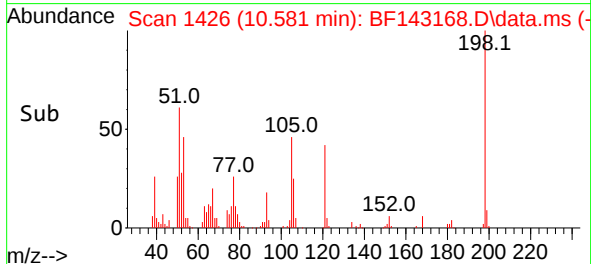
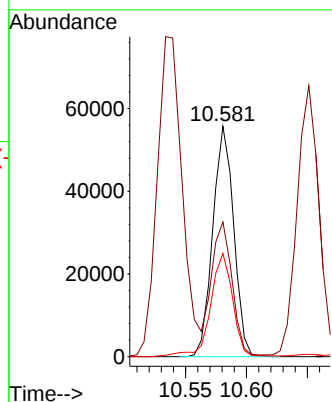
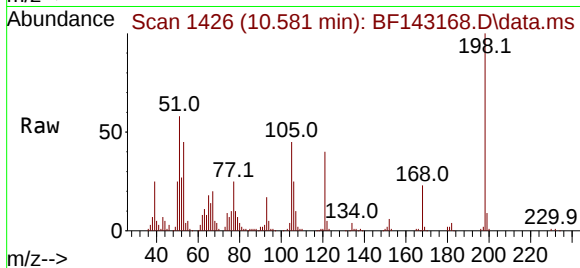




#65
4,6-Dinitro-2-methylphenol
Concen: 37.382 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.005 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

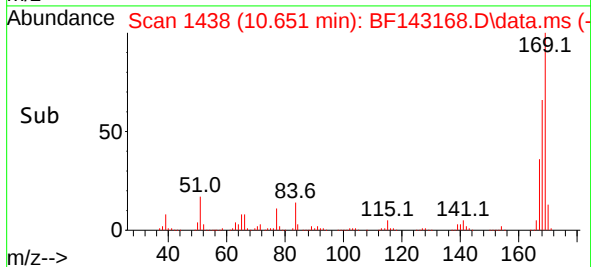
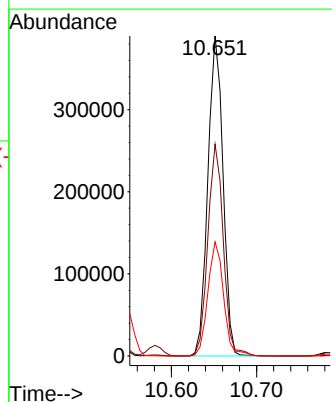
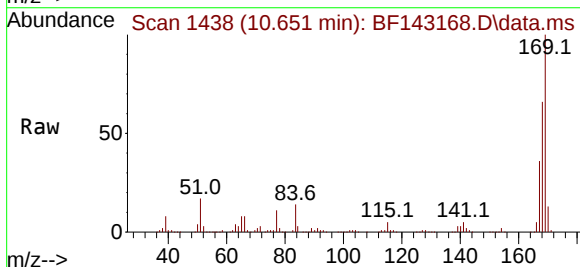
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

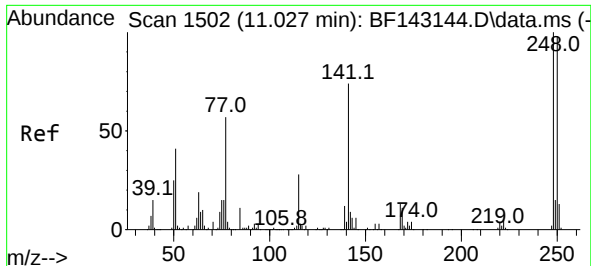
Tgt Ion:198 Resp: 66513
Ion Ratio Lower Upper
198 100
51 58.5 37.2 77.2
105 44.8 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 38.797 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:169 Resp: 481048
Ion Ratio Lower Upper
169 100
168 66.2 52.1 78.1
167 35.7 28.2 42.2

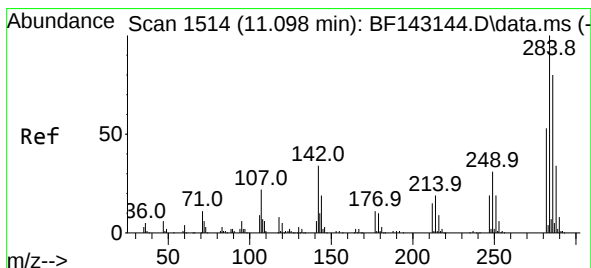
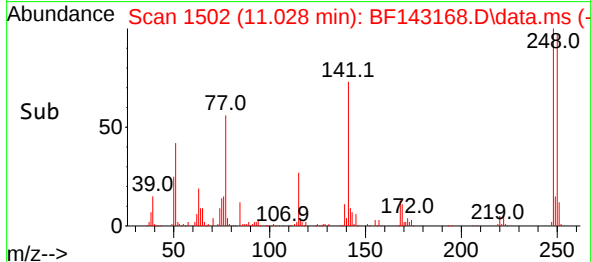
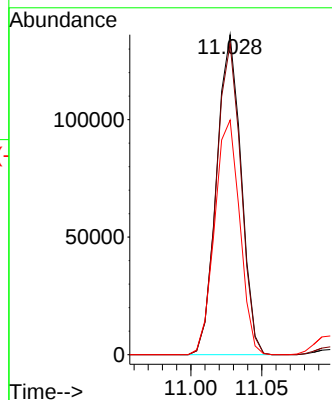
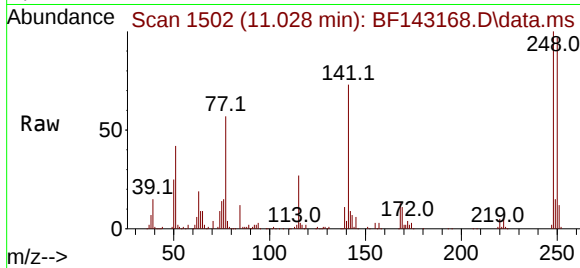




#67
4-Bromophenyl-phenylether
Concen: 38.987 ng
RT: 11.028 min Scan# 11028
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

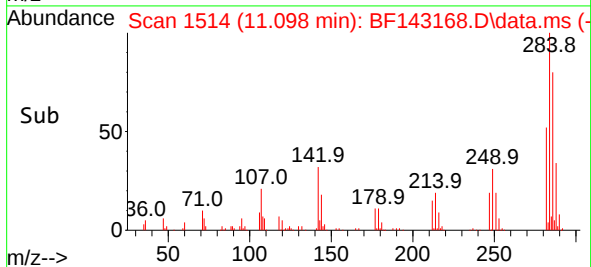
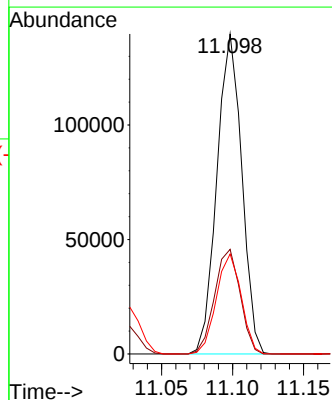
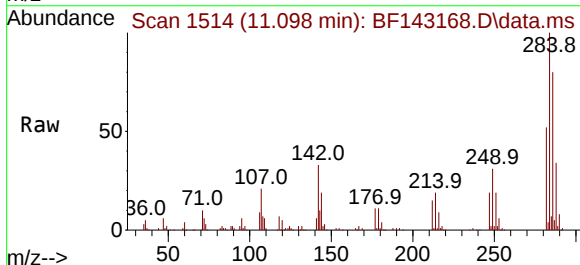
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 163603
Ion Ratio Lower Upper
248 100
250 97.2 78.3 117.5
141 73.3 59.2 88.8



#68
Hexachlorobenzene
Concen: 38.746 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:284 Resp: 169940
Ion Ratio Lower Upper
284 100
142 32.7 27.0 40.6
249 31.3 25.0 37.6





#69

Atrazine

Concen: 40.453 ng

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

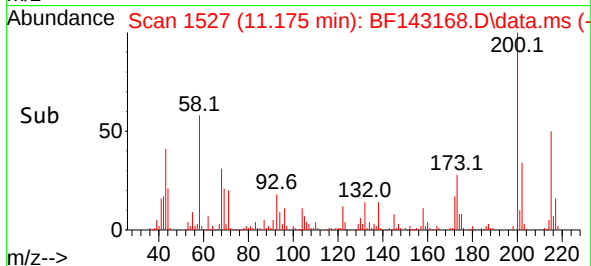
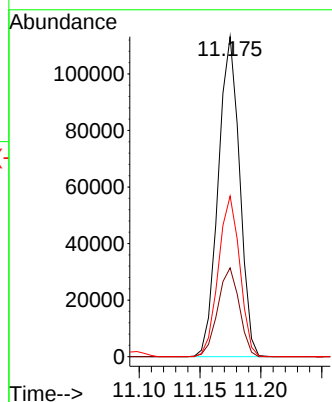
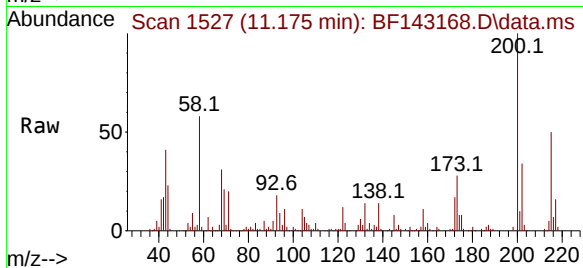
Tgt Ion:200 Resp: 138282

Ion Ratio Lower Upper

200 100

173 27.7 7.9 47.9

215 50.2 30.1 70.1



#70

Pentachlorophenol

Concen: 40.335 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

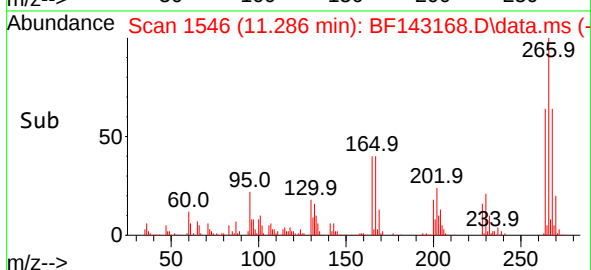
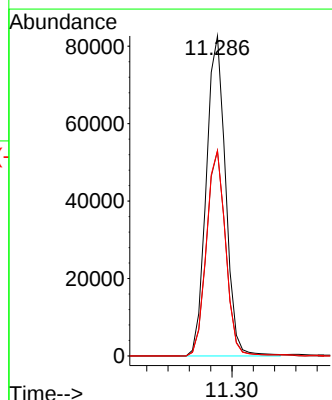
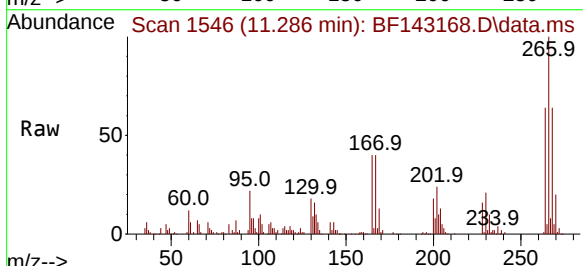
Tgt Ion:266 Resp: 104038

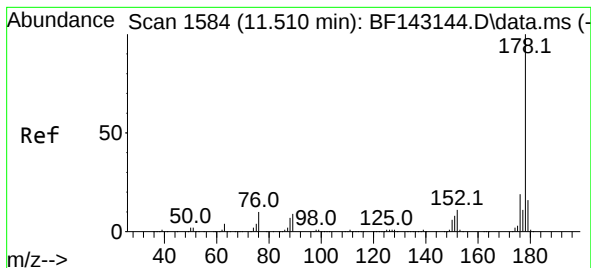
Ion Ratio Lower Upper

266 100

268 64.1 51.9 77.9

264 64.2 51.0 76.6





#71

Phenanthrene

Concen: 39.253 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

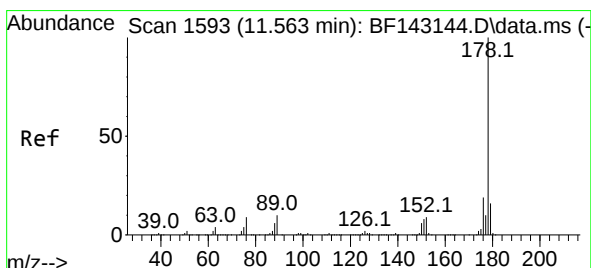
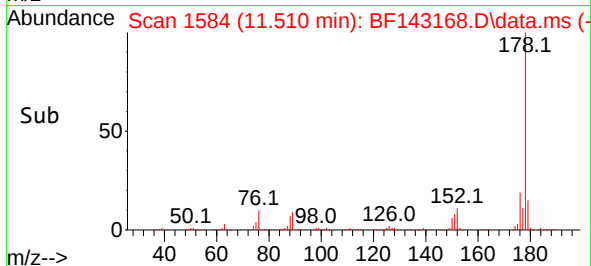
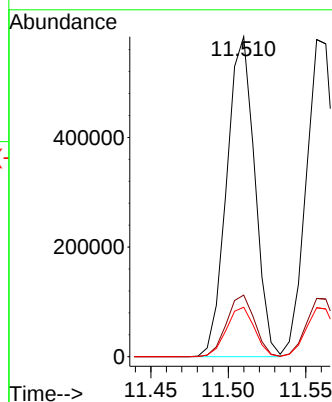
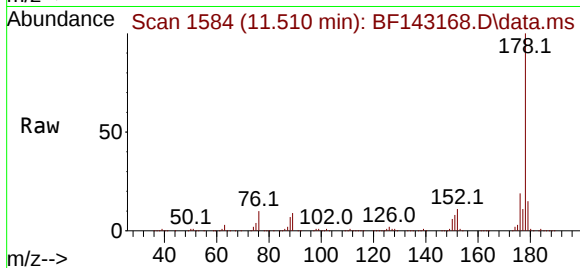
Tgt Ion:178 Resp: 733886

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 39.516 ng

RT: 11.557 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

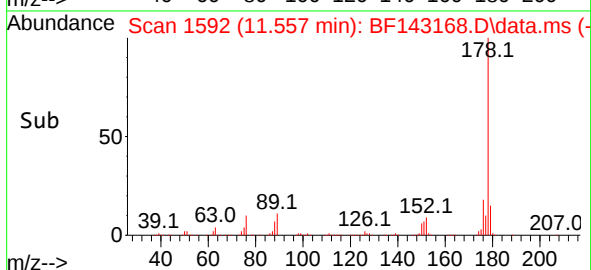
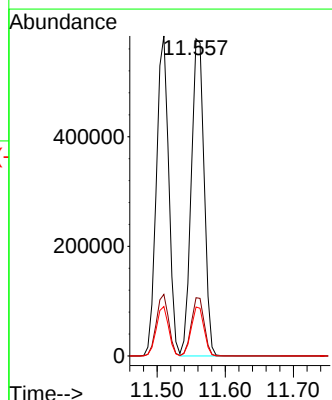
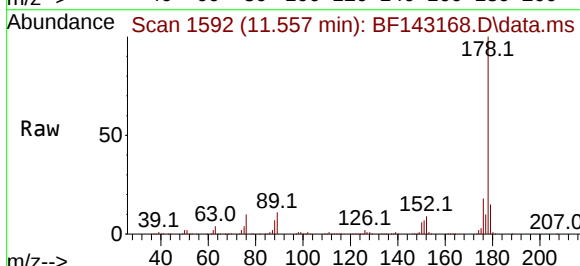
Tgt Ion:178 Resp: 753506

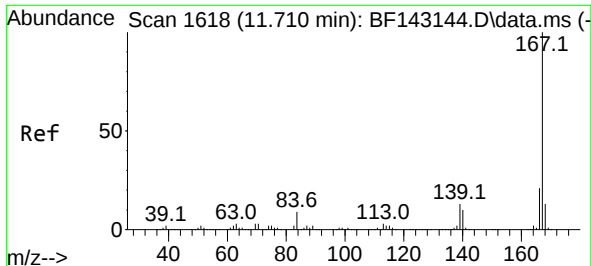
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

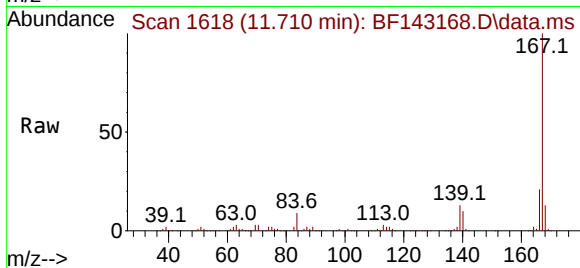
179 15.5 12.5 18.7



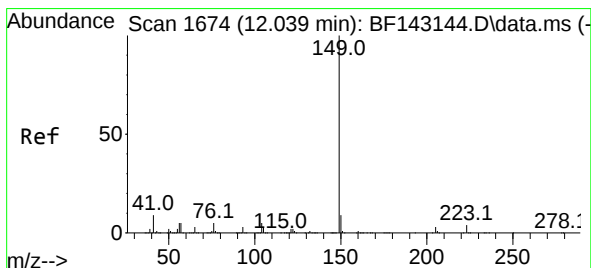
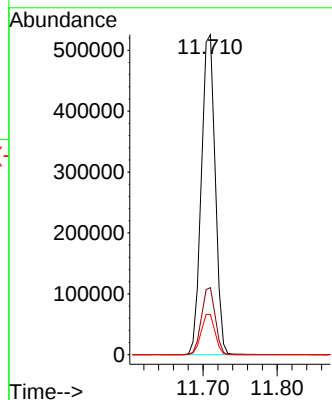
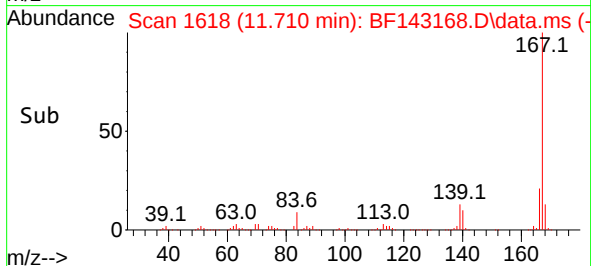


#73
 Carbazole
 Concen: 40.981 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143168.D
 Acq: 21 Jul 2025 13:26

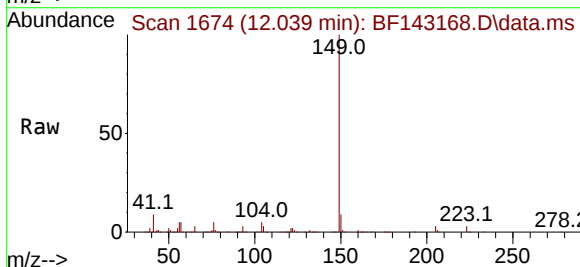
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



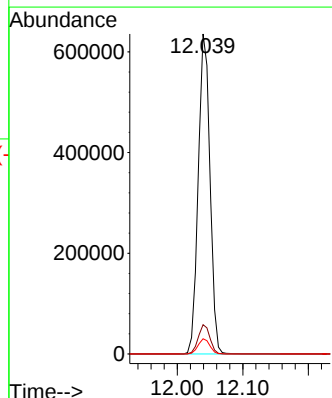
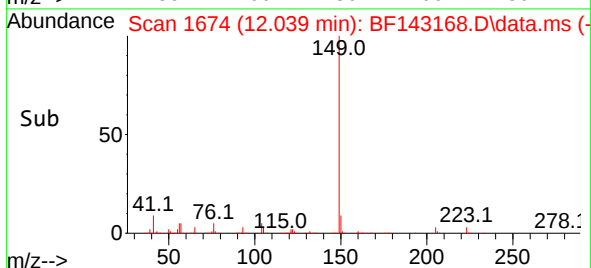
Tgt Ion:167 Resp: 682345
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 12.6 10.0 15.0

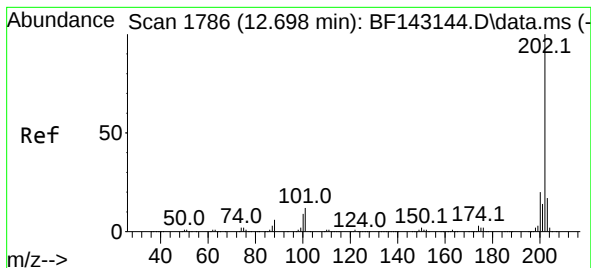


#74
 Di-n-butylphthalate
 Concen: 42.003 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143168.D
 Acq: 21 Jul 2025 13:26



Tgt Ion:149 Resp: 791333
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 43.170 ng

RT: 12.698 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

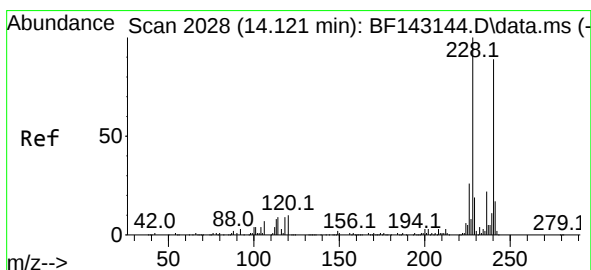
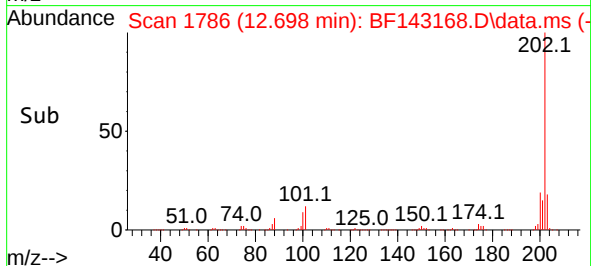
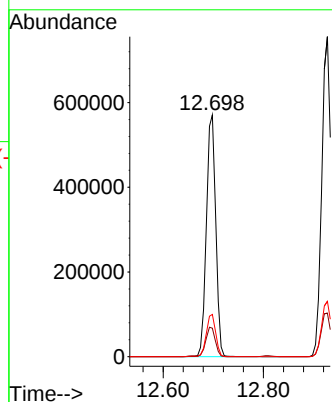
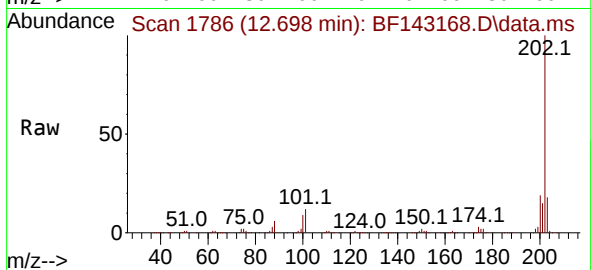
Tgt Ion:202 Resp: 740826

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.7

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.122 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

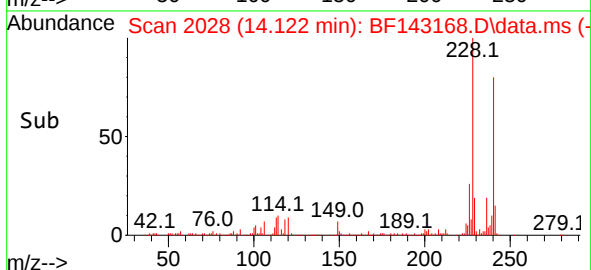
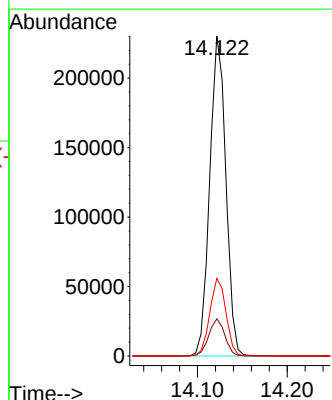
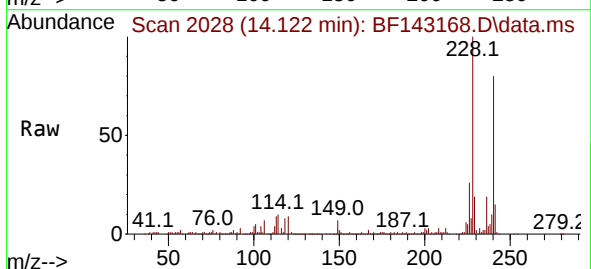
Tgt Ion:240 Resp: 287236

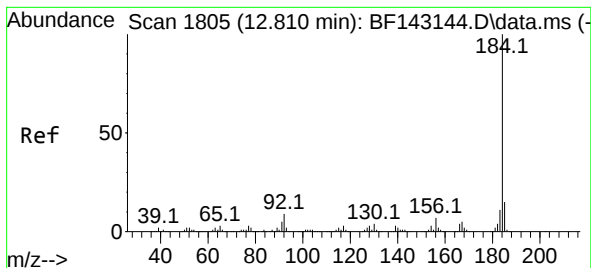
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 24.2 20.2 30.4





#77

Benzidine

Concen: 37.355 ng

RT: 12.810 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

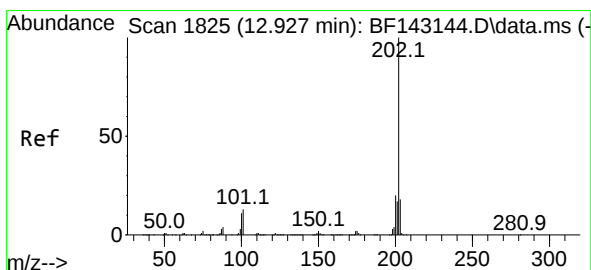
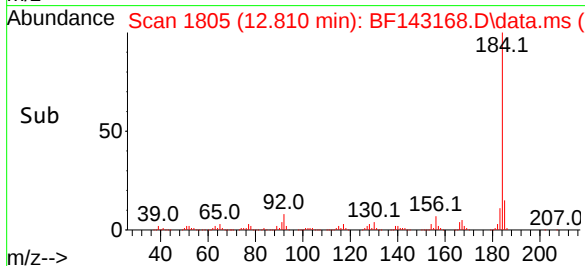
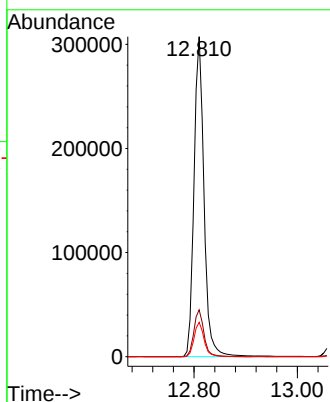
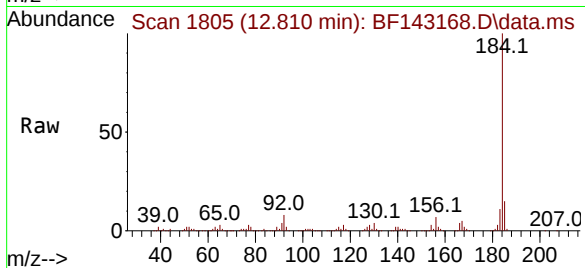
Tgt Ion:184 Resp: 413383

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.4

183 10.8 9.0 13.4



#78

Pyrene

Concen: 39.721 ng

RT: 12.927 min Scan# 1825

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

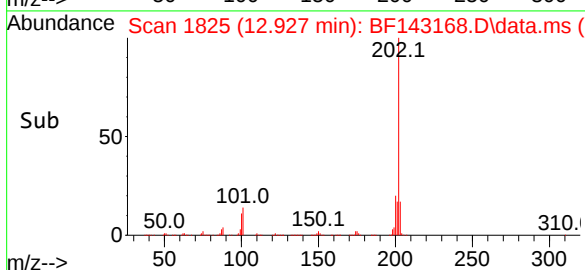
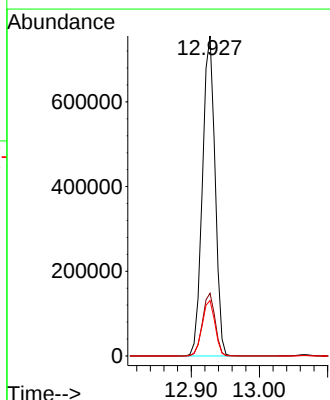
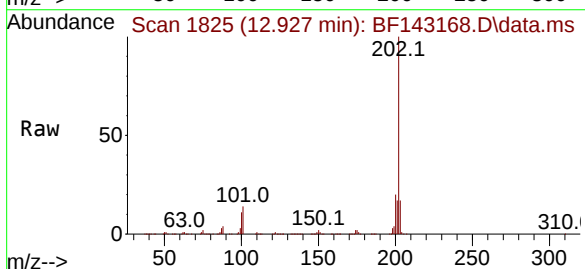
Tgt Ion:202 Resp: 973730

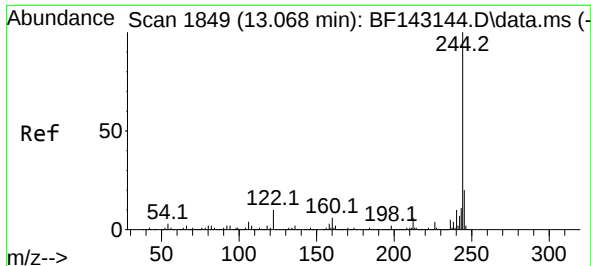
Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

203 17.3 14.2 21.2

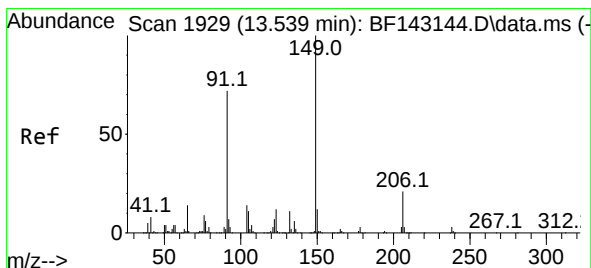
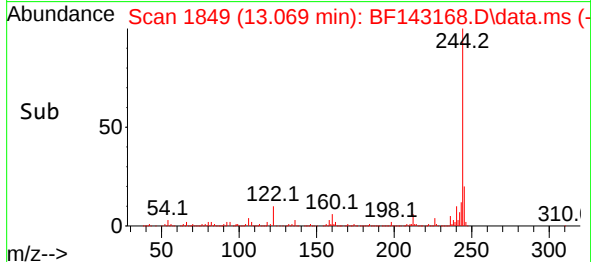
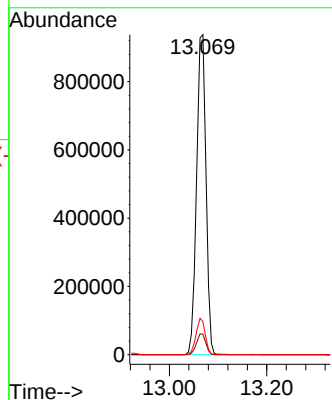
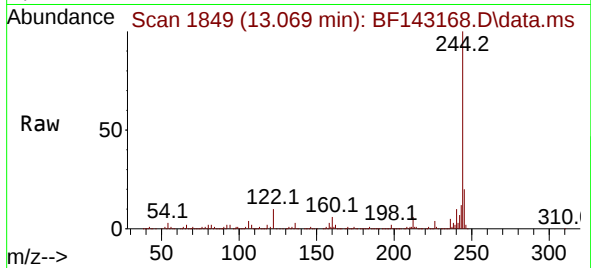




#79
 Terphenyl-d14
 Concen: 65.693 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143168.D
 Acq: 21 Jul 2025 13:26

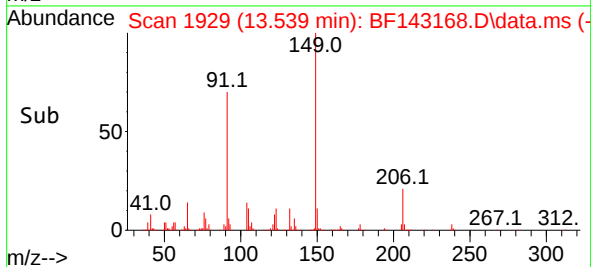
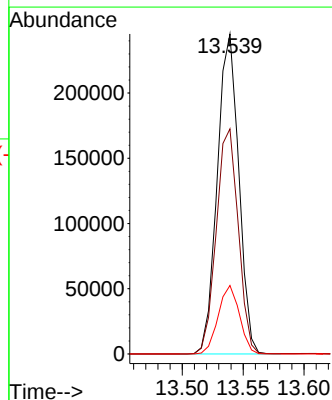
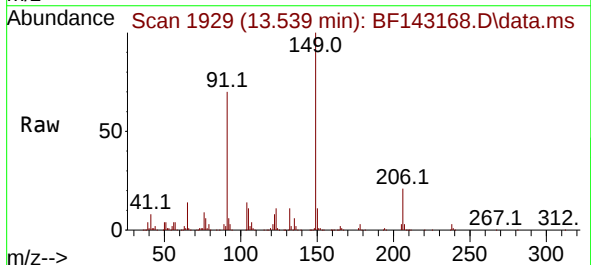
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

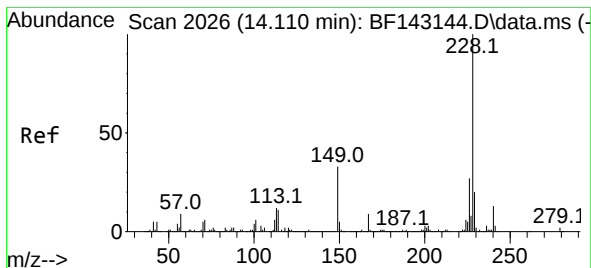
Tgt Ion:244 Resp: 1268018
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 40.190 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143168.D
 Acq: 21 Jul 2025 13:26

Tgt Ion:149 Resp: 301689
 Ion Ratio Lower Upper
 149 100
 91 70.3 57.9 86.9
 206 21.4 17.0 25.4





#81

Benzo(a)anthracene

Concen: 38.119 ng

RT: 14.110 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

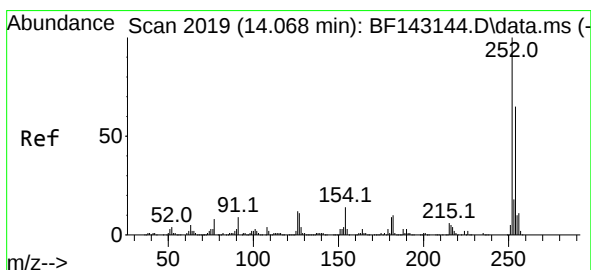
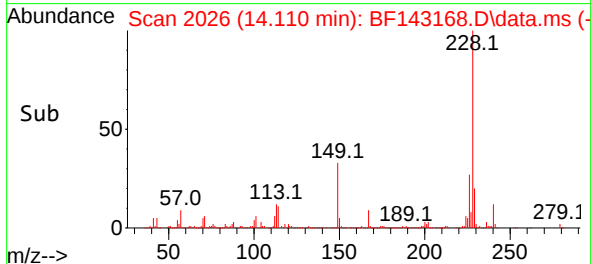
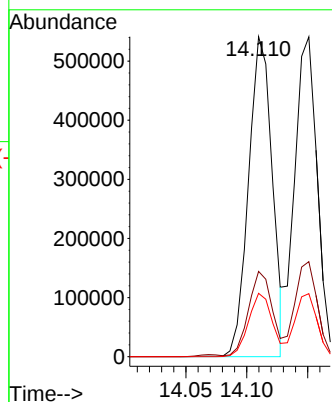
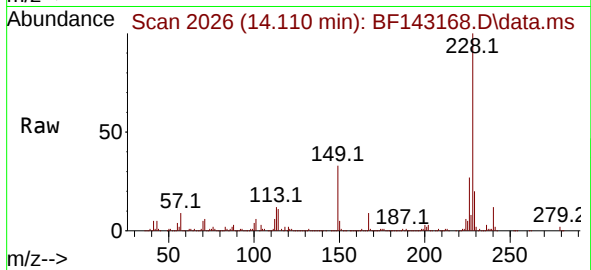
Tgt Ion:228 Resp: 733039

Ion Ratio Lower Upper

228 100

226 26.6 21.7 32.5

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 40.887 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

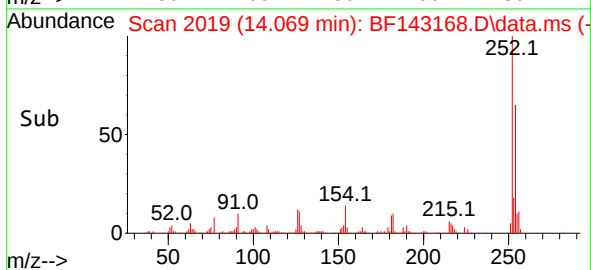
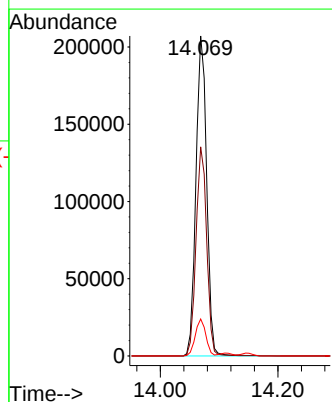
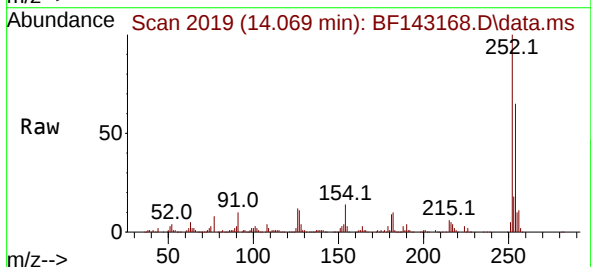
Tgt Ion:252 Resp: 262058

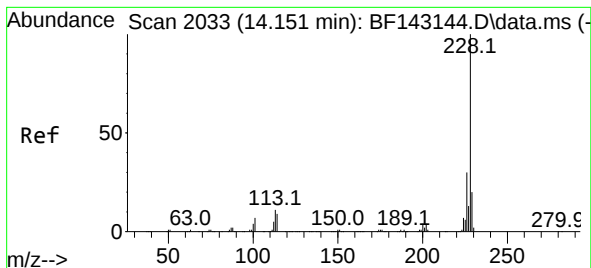
Ion Ratio Lower Upper

252 100

254 65.4 51.7 77.5

126 11.6 9.4 14.0





#83

Chrysene

Concen: 40.458 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

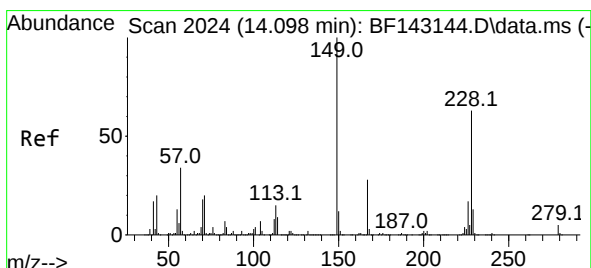
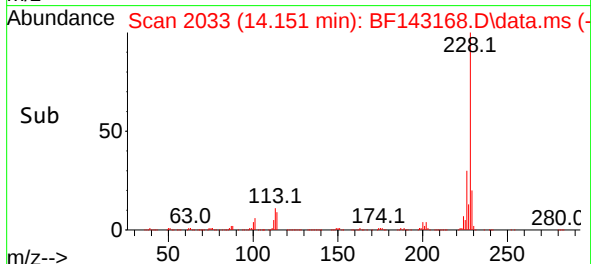
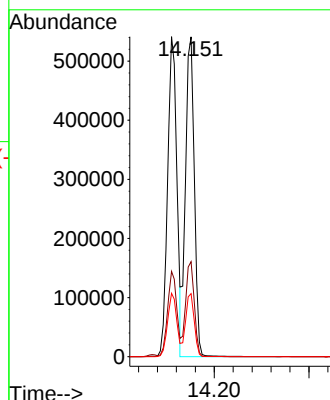
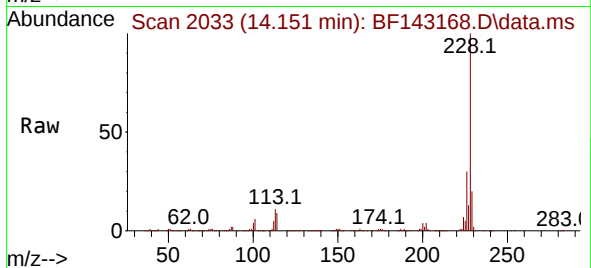
Tgt Ion:228 Resp: 699518

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.939 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

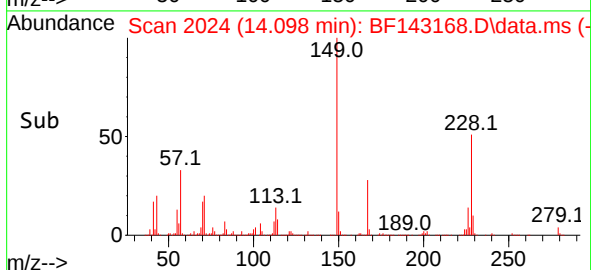
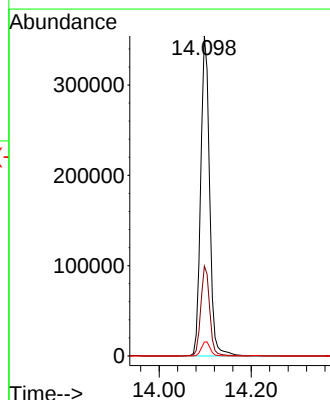
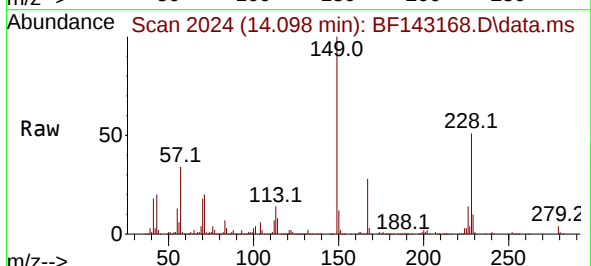
Tgt Ion:149 Resp: 476503

Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

279 4.4 3.6 5.4

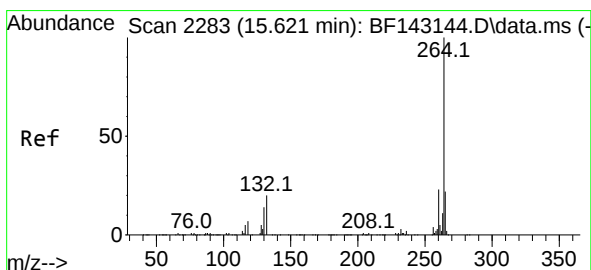
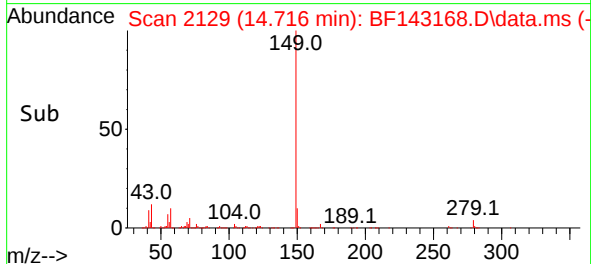
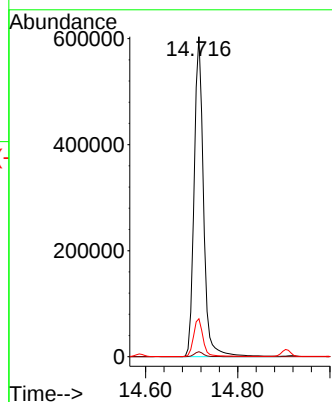
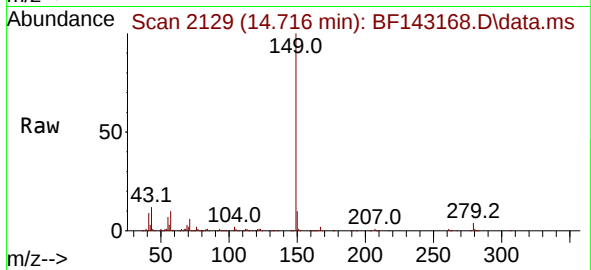




#85
Di-n-octyl phthalate
Concen: 41.256 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

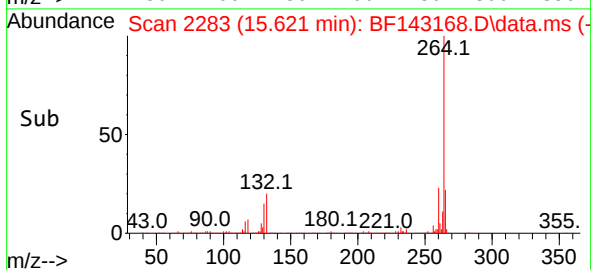
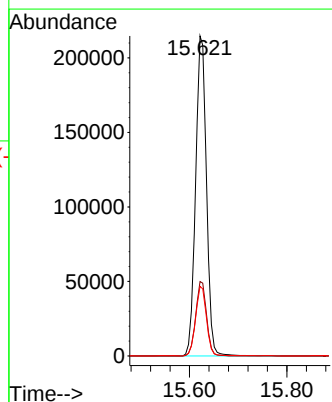
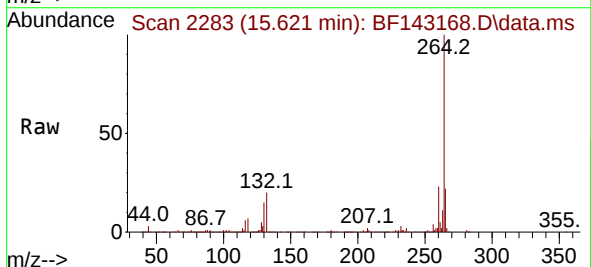
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

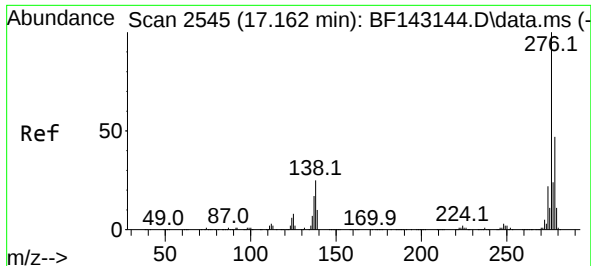
Tgt Ion:149 Resp: 849672
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.1 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143168.D
Acq: 21 Jul 2025 13:26

Tgt Ion:264 Resp: 333940
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 21.7 17.4 26.2

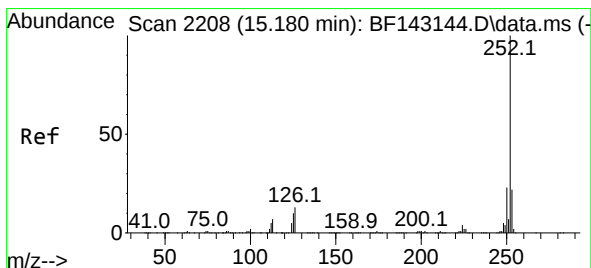
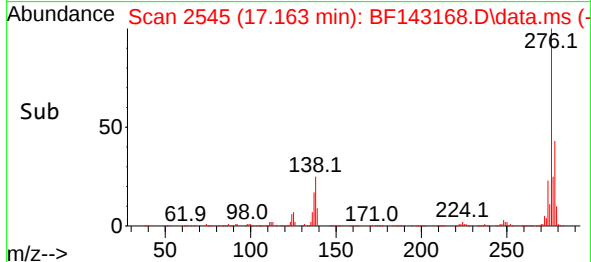
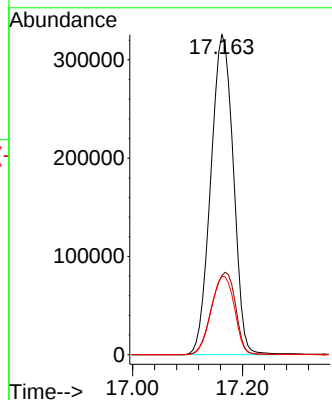
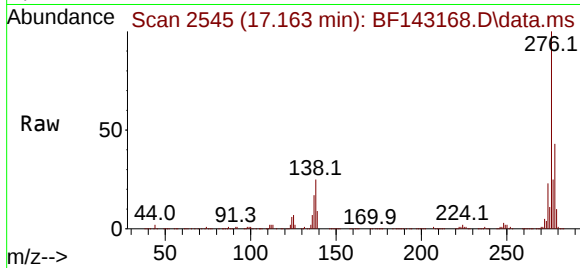




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.449 ng
 RT: 17.163 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF143168.D
 Acq: 21 Jul 2025 13:26

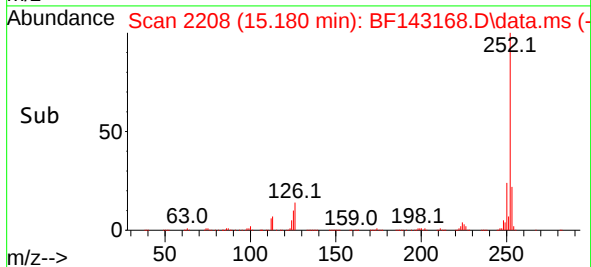
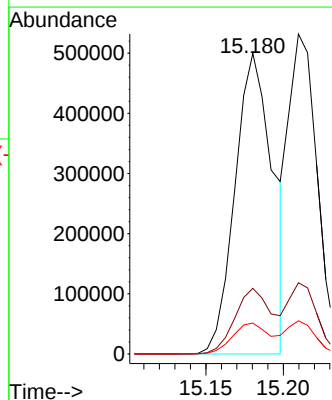
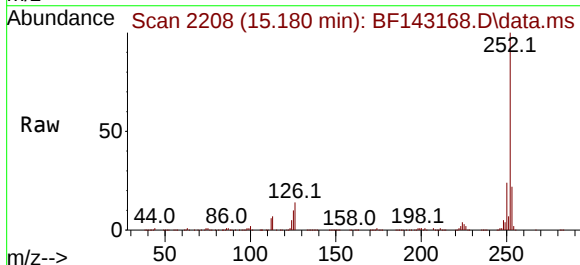
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

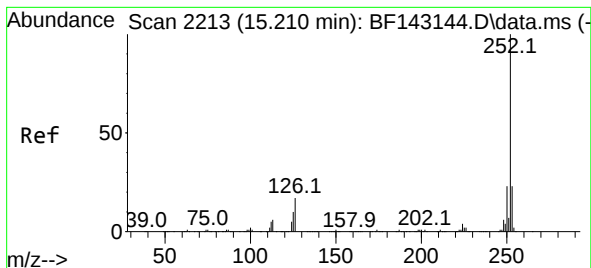
Tgt Ion:276 Resp: 928926
 Ion Ratio Lower Upper
 276 100
 138 27.2 21.8 32.6
 277 25.6 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 41.462 ng
 RT: 15.180 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: BF143168.D
 Acq: 21 Jul 2025 13:26

Tgt Ion:252 Resp: 845849
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 10.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 37.544 ng

RT: 15.210 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

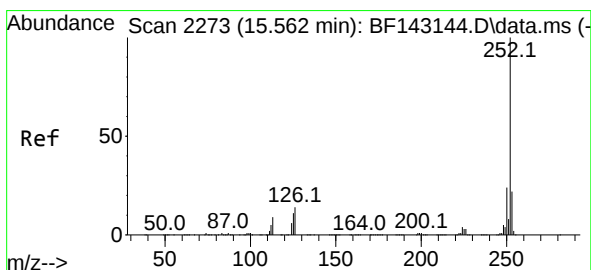
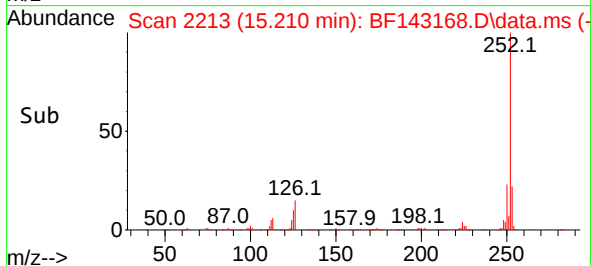
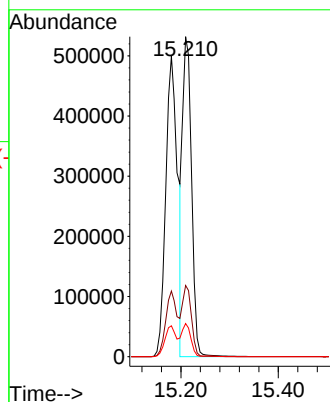
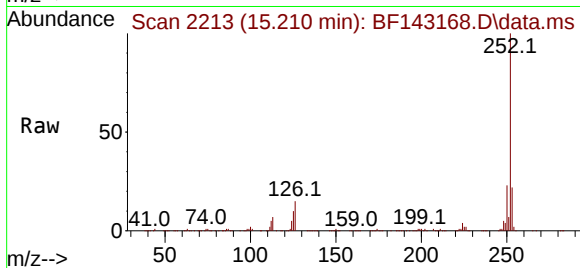
Tgt Ion:252 Resp: 683472

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.4 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.764 ng

RT: 15.563 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

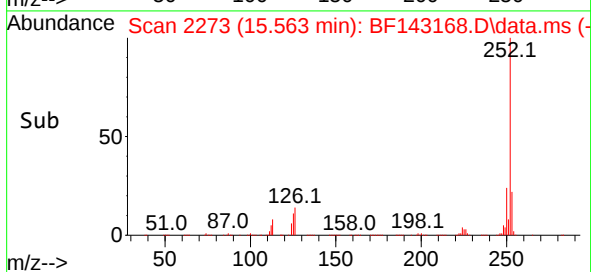
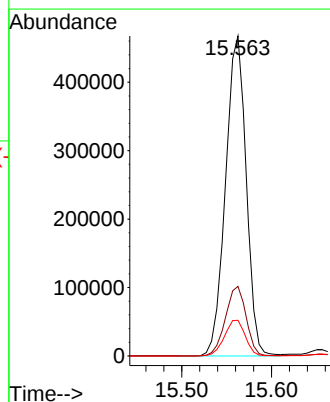
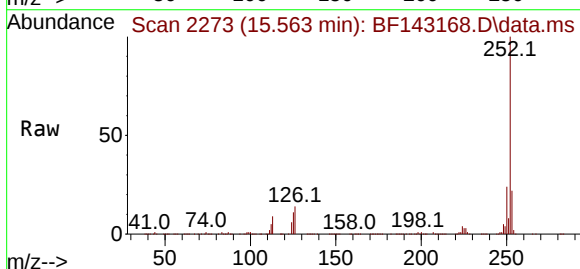
Tgt Ion:252 Resp: 747409

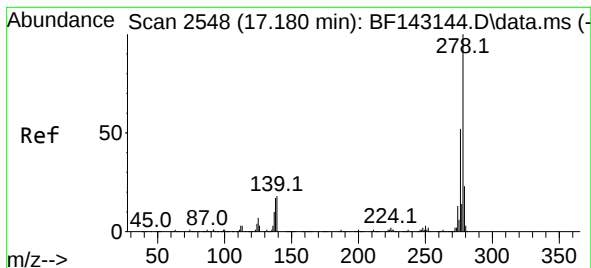
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 11.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 39.827 ng

RT: 17.180 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

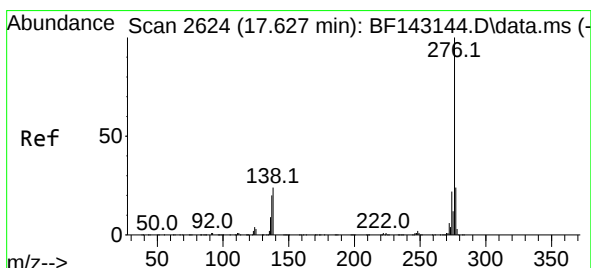
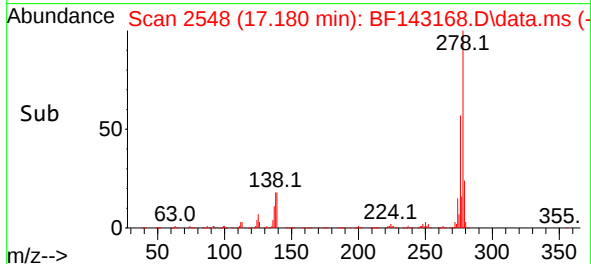
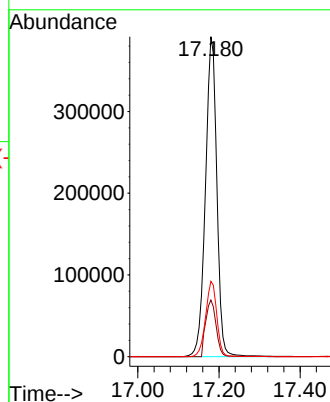
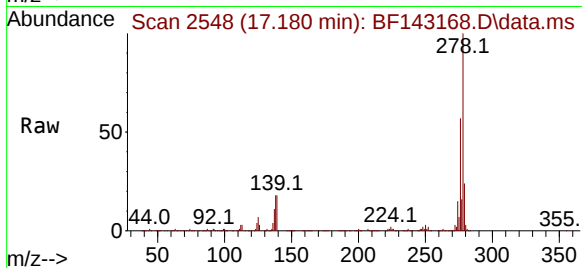
Tgt Ion:278 Resp: 763328

Ion Ratio Lower Upper

278 100

139 17.7 14.1 21.1

279 23.5 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 40.284 ng

RT: 17.633 min Scan# 2625

Delta R.T. 0.006 min

Lab File: BF143168.D

Acq: 21 Jul 2025 13:26

Tgt Ion:276 Resp: 746866

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 23.9 18.9 28.3

