

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141757.D
 Acq On : 25 Feb 2025 11:33
 Operator : RC/JU
 Sample : PB166840BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166840BS

Quant Time: Feb 25 11:58:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	88208	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	350101	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	190621	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	316029	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	178696	20.000	ng	-0.02
86) Perylene-d12	15.386	264	160920	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	722263	128.370	ng	0.00
7) Phenol-d6	6.428	99	878433	123.526	ng	-0.01
23) Nitrobenzene-d5	7.351	82	579434	86.324	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	247535	129.270	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1113819	90.021	ng	-0.01
79) Terphenyl-d14	12.886	244	1143911	108.067	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	86132	38.036	ng	97
3) Pyridine	3.305	79	202860	37.646	ng	94
4) n-Nitrosodimethylamine	3.246	42	128249	35.943	ng	91
6) Aniline	6.445	93	232047	34.786	ng	# 73
8) 2-Chlorophenol	6.575	128	257849	42.412	ng	98
9) Benzaldehyde	6.334	77	101594	26.884	ng	97
10) Phenol	6.445	94	305708	41.303	ng	97
11) bis(2-Chloroethyl)ether	6.516	93	239235	43.033	ng	100
12) 1,3-Dichlorobenzene	6.722	146	273870	42.670	ng	98
13) 1,4-Dichlorobenzene	6.798	146	275779	42.054	ng	99
14) 1,2-Dichlorobenzene	6.951	146	262834	43.184	ng	99
15) Benzyl Alcohol	6.928	79	219206	40.197	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	370969	38.981	ng	61
17) 2-Methylphenol	7.051	107	196585	41.320	ng	# 93
18) Hexachloroethane	7.287	117	102797	42.357	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	175243	41.197	ng	95
20) 3+4-Methylphenols	7.204	107	260505	43.085	ng	# 78
22) Acetophenone	7.192	105	397204	45.609	ng	92
24) Nitrobenzene	7.369	77	262965	40.176	ng	97
25) Isophorone	7.604	82	473002	44.195	ng	99
26) 2-Nitrophenol	7.681	139	138477	42.524	ng	94
27) 2,4-Dimethylphenol	7.728	122	207112	54.443	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	293154	42.746	ng	99
29) 2,4-Dichlorophenol	7.934	162	214704	41.771	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	234932	41.972	ng	100
31) Naphthalene	8.087	128	745183	40.890	ng	100
32) Benzoic acid	7.869	122	133405	33.761	ng	99
33) 4-Chloroaniline	8.145	127	129430	20.342	ng	97
34) Hexachlorobutadiene	8.198	225	144187	42.909	ng	99
35) Caprolactam	8.551	113	22495	14.374	ng	91
36) 4-Chloro-3-methylphenol	8.634	107	230514	40.486	ng	100
37) 2-Methylnaphthalene	8.775	142	469743	39.611	ng	100
38) 1-Methylnaphthalene	8.875	142	459207	39.980	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	259469	47.049	ng	99
41) Hexachlorocyclopentadiene	8.928	237	229888	125.327	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	148002	41.523	ng	98

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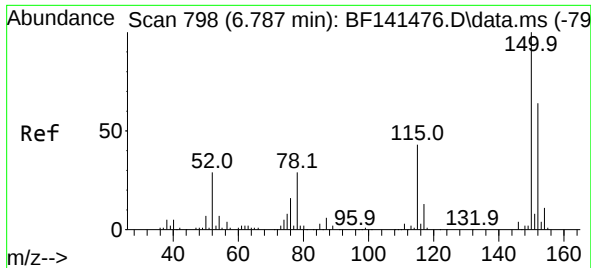
Quant Time: Feb 25 11:58:24 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	156057	40.399	ng	97
46) 1,1'-Biphenyl	9.239	154	683483	46.249	ng	99
47) 2-Chloronaphthalene	9.263	162	463438	42.407	ng	99
48) 2-Nitroaniline	9.369	65	145853	39.769	ng	93
49) Acenaphthylene	9.681	152	707078	43.500	ng	100
50) Dimethylphthalate	9.539	163	552390	42.686	ng	99
51) 2,6-Dinitrotoluene	9.610	165	123297	43.584	ng	93
52) Acenaphthene	9.851	154	441774	40.427	ng	99
53) 3-Nitroaniline	9.781	138	75913	24.932	ng	96
54) 2,4-Dinitrophenol	9.898	184	132548	78.836	ng	90
55) Dibenzofuran	10.022	168	637549	39.748	ng	99
56) 4-Nitrophenol	9.963	139	155912	68.980	ng	93
57) 2,4-Dinitrotoluene	10.016	165	160830	42.706	ng	98
58) Fluorene	10.363	166	516134	41.617	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	135473	40.735	ng	94
60) Diethylphthalate	10.239	149	532257	41.804	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	250734	42.024	ng	99
62) 4-Nitroaniline	10.392	138	118787	38.421	ng	96
63) Azobenzene	10.516	77	500497	39.542	ng	96
65) 4,6-Dinitro-2-methylph...	10.428	198	88506	40.316	ng	91
66) n-Nitrosodiphenylamine	10.480	169	454212	44.899	ng	98
67) 4-Bromophenyl-phenylether	10.845	248	154793	43.825	ng	98
68) Hexachlorobenzene	10.916	284	165572	45.524	ng	99
69) Atrazine	11.010	200	169846	55.964	ng	99
70) Pentachlorophenol	11.116	266	150745	64.820	ng	99
71) Phenanthrene	11.328	178	747125	42.948	ng	100
72) Anthracene	11.380	178	772895	44.198	ng	100
73) Carbazole	11.539	167	651374	41.397	ng	99
74) Di-n-butylphthalate	11.863	149	791451	43.562	ng	100
75) Fluoranthene	12.516	202	733010	39.744	ng	99
77) Benzidine	12.639	184	192217	48.773	ng	100
78) Pyrene	12.745	202	737808	48.502	ng	99
80) Butylbenzylphthalate	13.357	149	256086	48.603	ng	100
81) Benzo(a)anthracene	13.933	228	524204	44.130	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	103323	30.365	ng	99
83) Chrysene	13.969	228	464718	42.370	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	315365	53.069	ng	99
85) Di-n-octyl phthalate	14.527	149	464610	54.805	ng	98
87) Indeno(1,2,3-cd)pyrene	16.827	276	526252	52.926	ng	100
88) Benzo(b)fluoranthene	14.968	252	421609	39.020	ng	99
89) Benzo(k)fluoranthene	14.998	252	413697	44.838	ng	98
90) Benzo(a)pyrene	15.327	252	407894	46.653	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	423083	52.513	ng	99
92) Benzo(g,h,i)perylene	17.257	276	414484	49.162	ng	99

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

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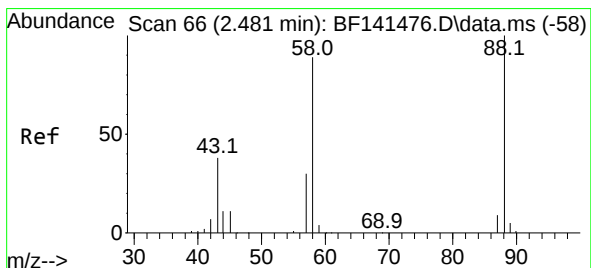
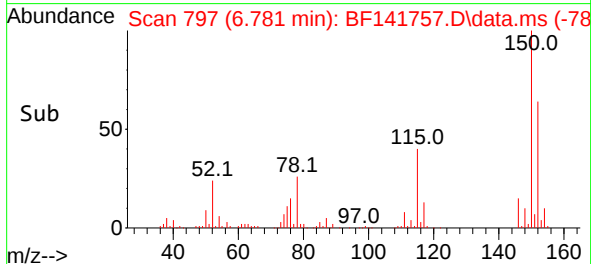
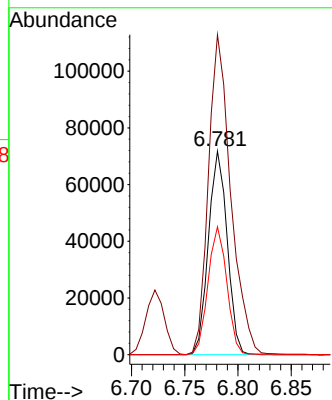
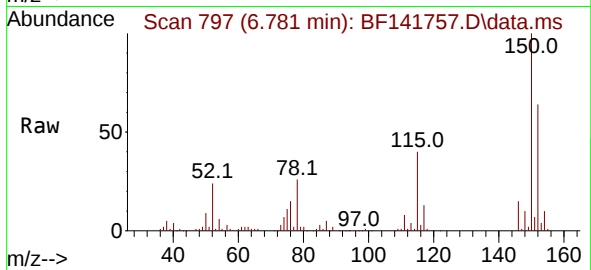




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141757.D
 Acq: 25 Feb 2025 11:33

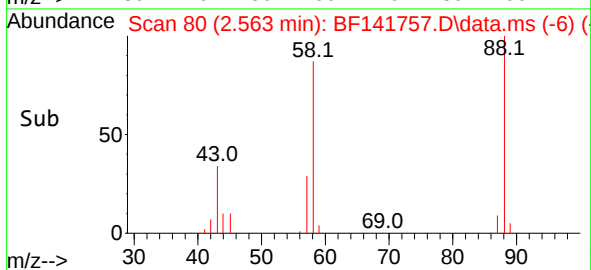
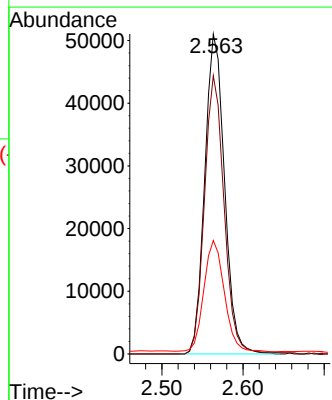
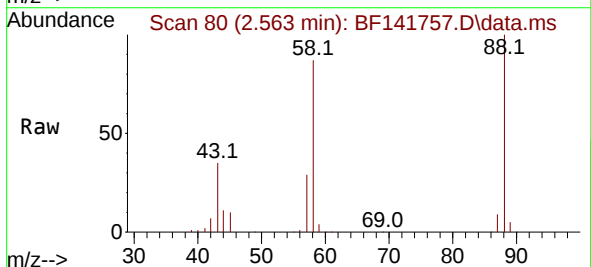
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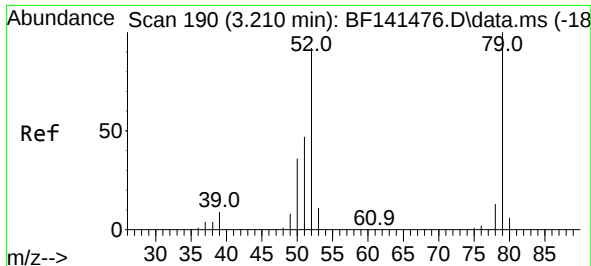
Tgt Ion:152 Resp: 88208
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.0 187.4
 115 62.8 53.6 80.4



#2
 1,4-Dioxane
 Concen: 38.036 ng
 RT: 2.563 min Scan# 80
 Delta R.T. 0.083 min
 Lab File: BF141757.D
 Acq: 25 Feb 2025 11:33

Tgt Ion: 88 Resp: 86132
 Ion Ratio Lower Upper
 88 100
 58 87.0 71.1 106.7
 43 36.0 30.6 46.0

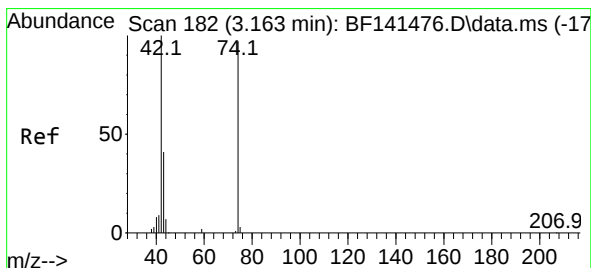
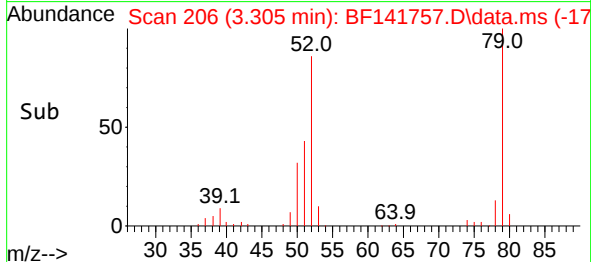
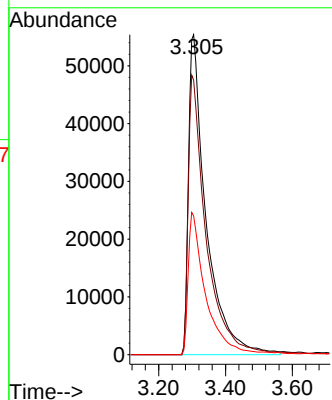
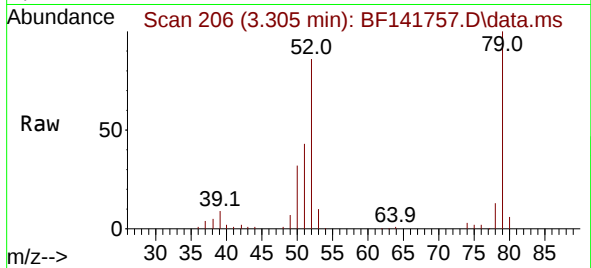




#3
Pyridine
Concen: 37.646 ng
RT: 3.305 min Scan# 20
Delta R.T. 0.088 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

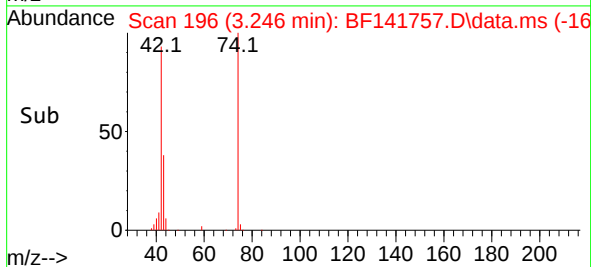
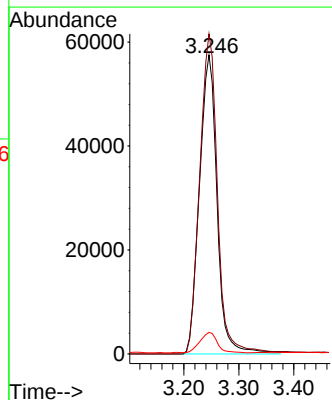
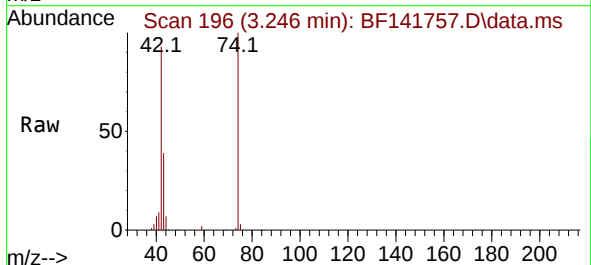
Instrument :
BNA_F
ClientSampleId :
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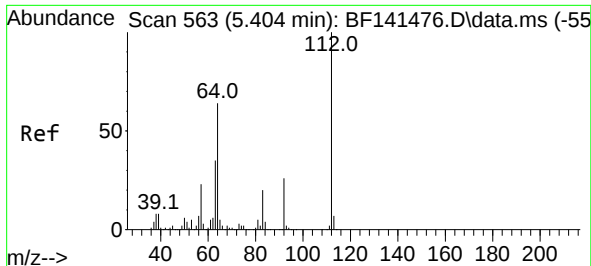
Tgt Ion: 79 Resp: 202860
Ion Ratio Lower Upper
79 100
52 85.8 73.7 110.5
51 43.4 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 35.943 ng
RT: 3.246 min Scan# 196
Delta R.T. 0.059 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion: 42 Resp: 128249
Ion Ratio Lower Upper
42 100
74 107.0 78.0 117.0
44 7.2 5.4 8.2

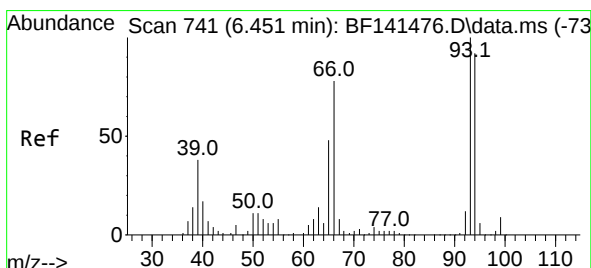
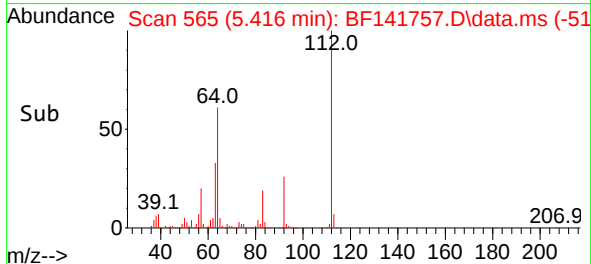
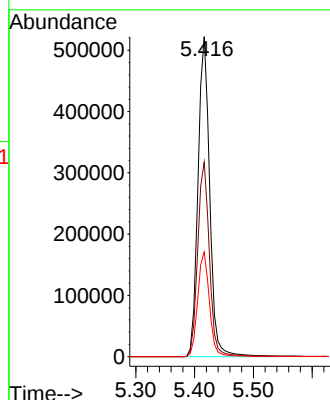
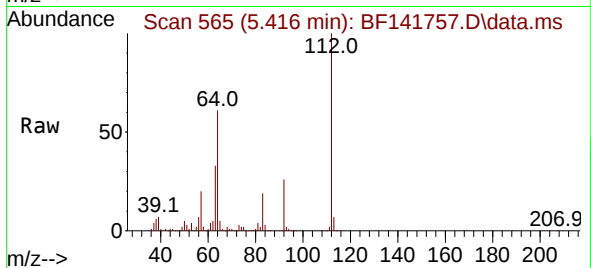




#5
2-Fluorophenol
Concen: 128.370 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

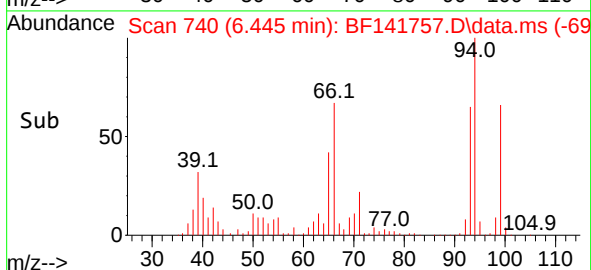
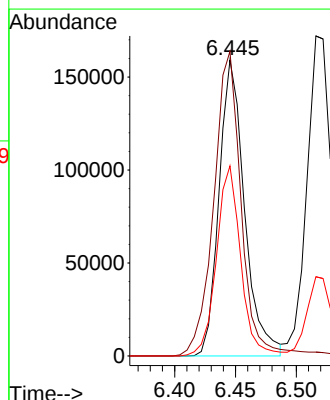
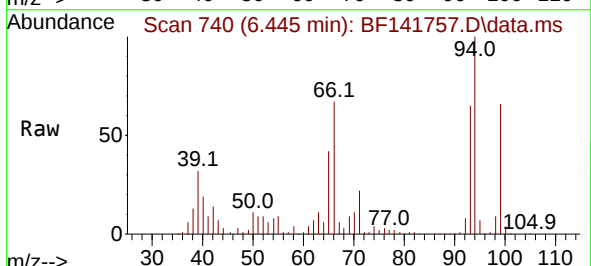
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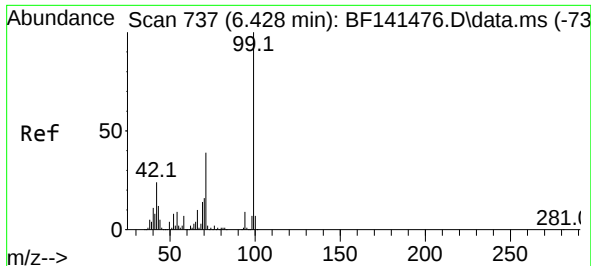
Tgt Ion:112 Resp: 722263
Ion Ratio Lower Upper
112 100
64 60.8 51.1 76.7
63 32.7 28.4 42.6



#6
Aniline
Concen: 34.786 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion: 93 Resp: 232047
Ion Ratio Lower Upper
93 100
66 102.9 62.6 94.0#
65 64.2 38.3 57.5#

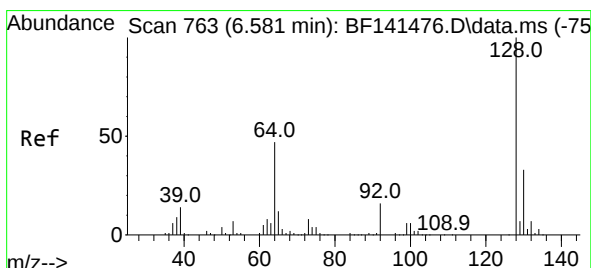
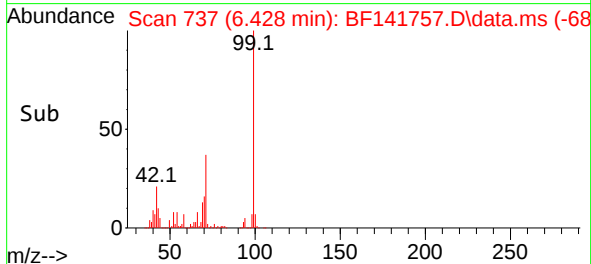
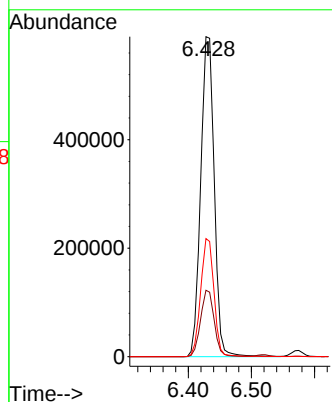
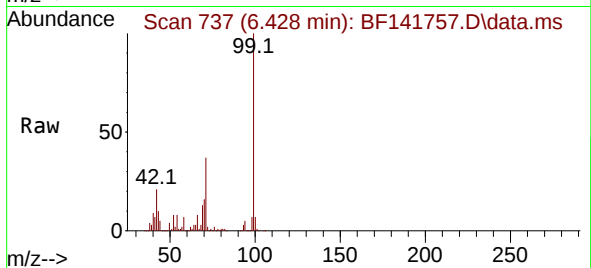




#7
Phenol-d6
Concen: 123.526 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

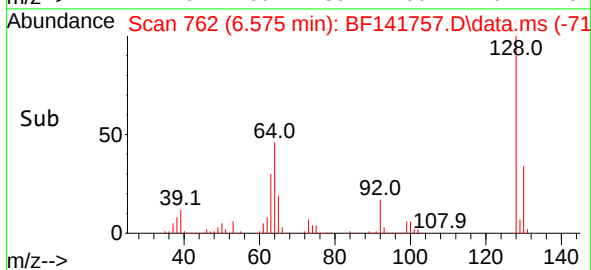
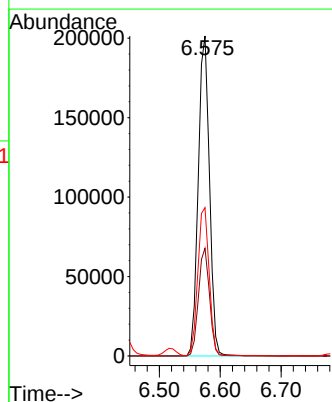
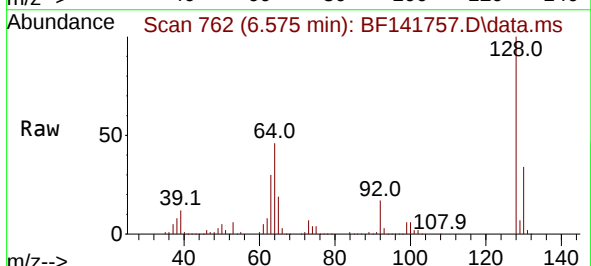
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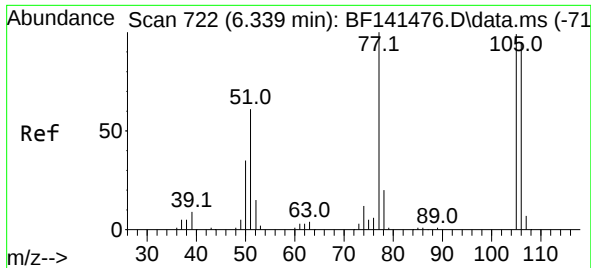
Tgt Ion: 99 Resp: 878433
Ion Ratio Lower Upper
99 100
42 20.8 19.1 28.7
71 36.9 31.1 46.7



#8
2-Chlorophenol
Concen: 42.412 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:128 Resp: 257849
Ion Ratio Lower Upper
128 100
130 33.7 12.7 52.7
64 46.4 28.3 68.3





#9

Benzaldehyde

Concen: 26.884 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

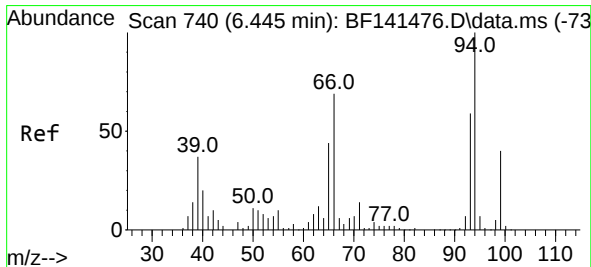
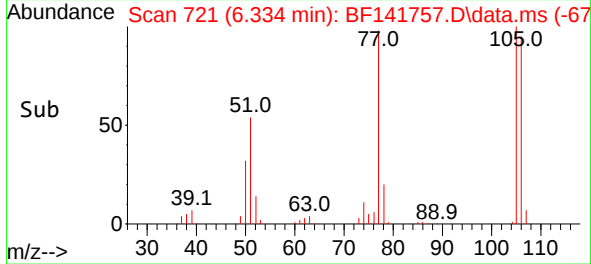
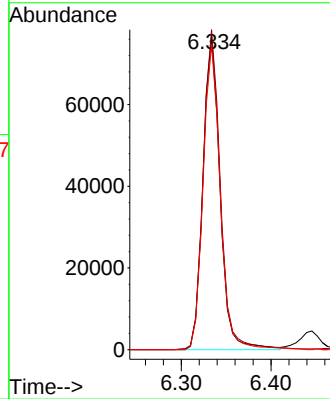
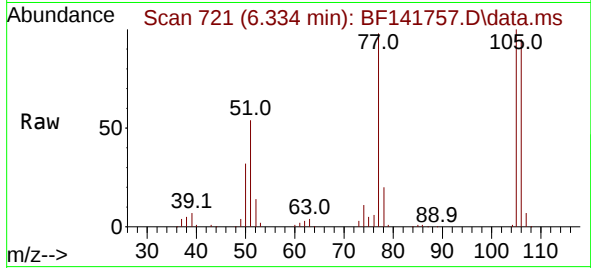
Tgt Ion: 77 Resp: 101594

Ion Ratio Lower Upper

77 100

105 102.2 79.4 119.4

106 97.3 75.1 115.1



#10

Phenol

Concen: 41.303 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

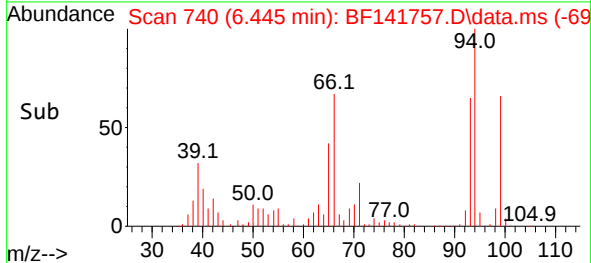
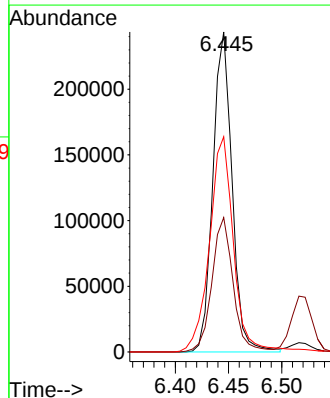
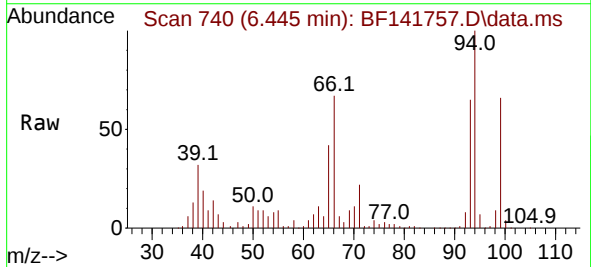
Tgt Ion: 94 Resp: 305708

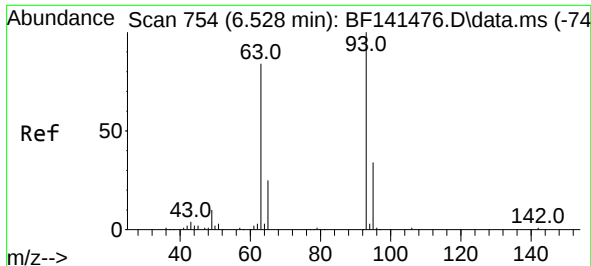
Ion Ratio Lower Upper

94 100

65 42.0 23.7 63.7

66 67.3 49.3 89.3

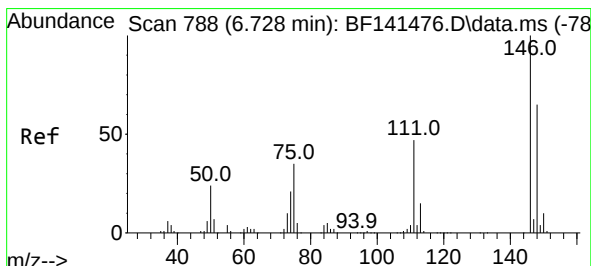
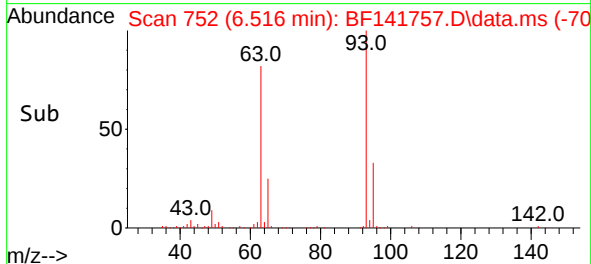
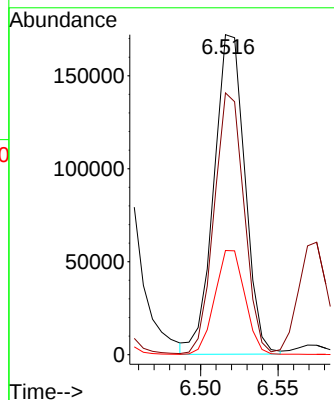
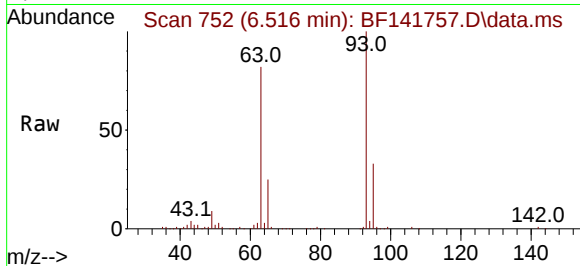




#11
bis(2-Chloroethyl)ether
Concen: 43.033 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

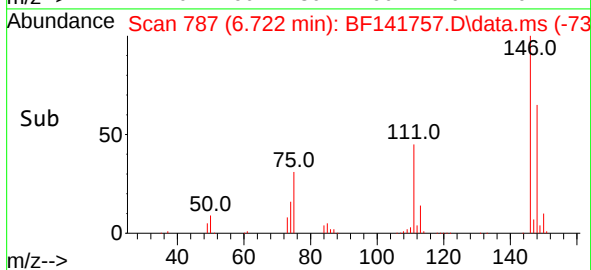
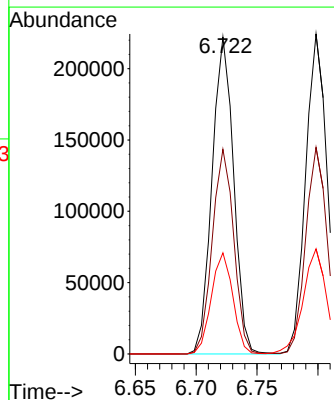
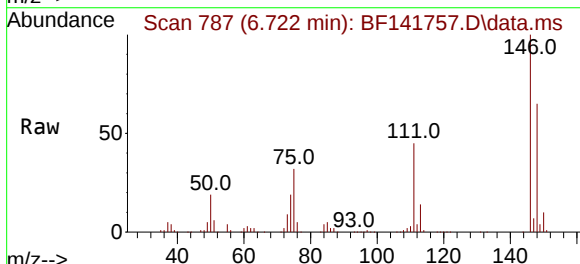
Instrument :
BNA_F
ClientSampleId :
PB166840BS

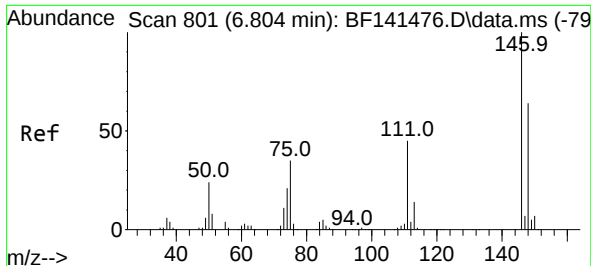
Tgt Ion: 93 Resp: 239235
Ion Ratio Lower Upper
93 100
63 81.8 62.0 102.0
95 32.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.670 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:146 Resp: 273870
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 31.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.054 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

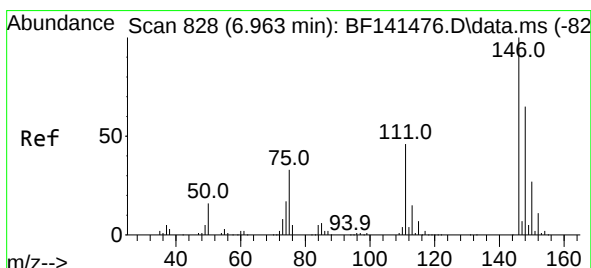
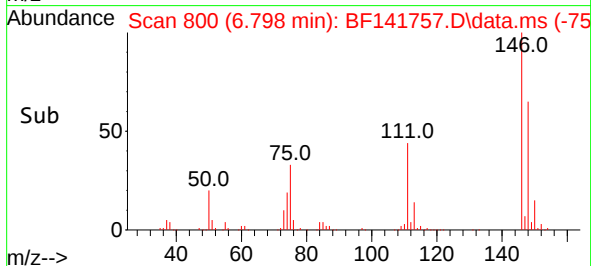
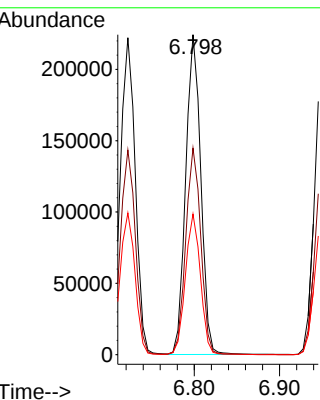
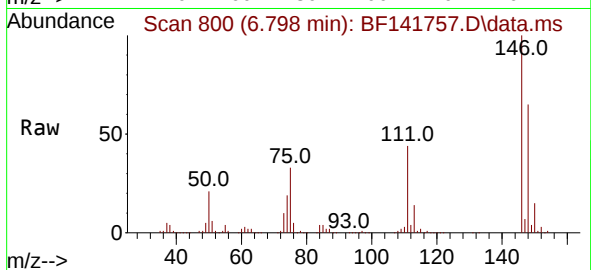
Tgt Ion:146 Resp: 275779

Ion Ratio Lower Upper

146 100

148 64.6 50.9 76.3

111 43.9 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 43.184 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

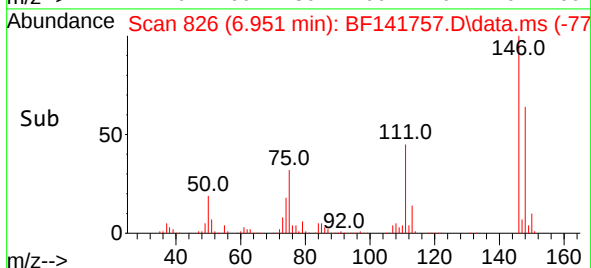
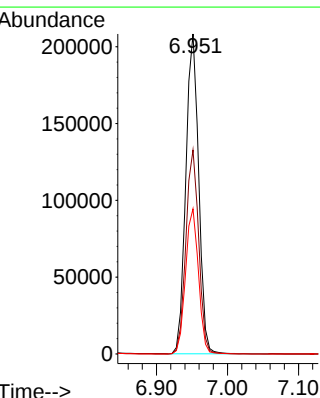
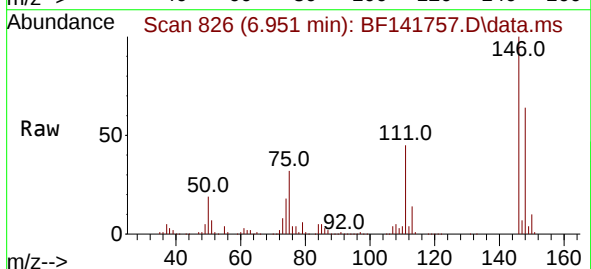
Tgt Ion:146 Resp: 262834

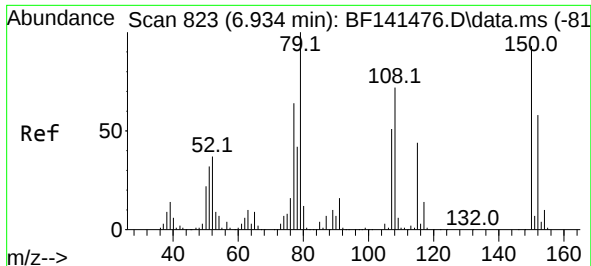
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

111 45.3 37.0 55.4

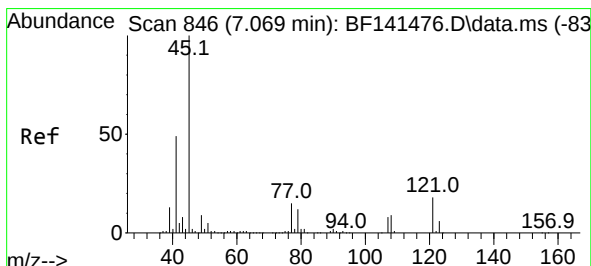
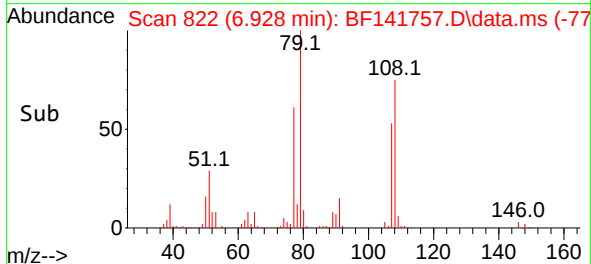
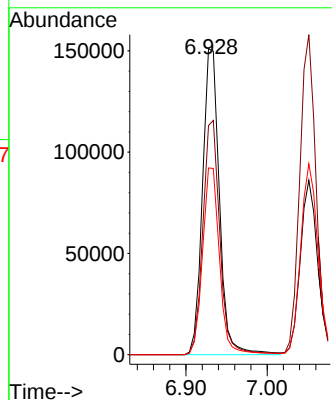
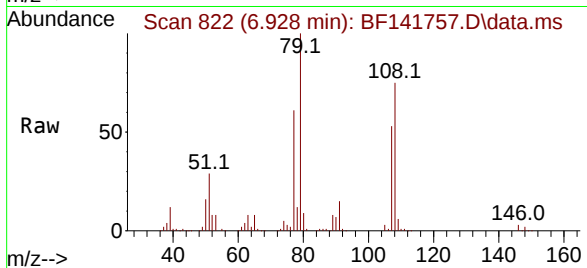




#15
Benzyl Alcohol
Concen: 40.197 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

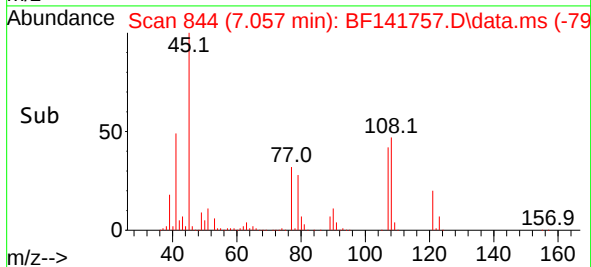
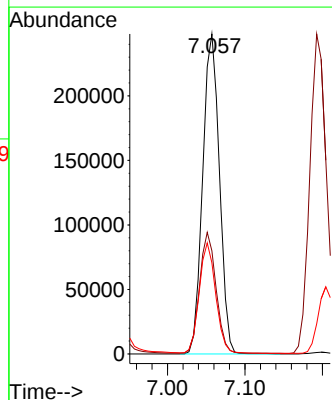
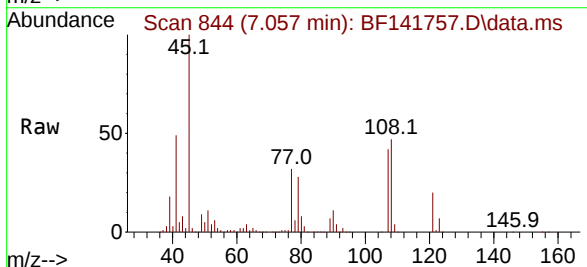
Instrument :
BNA_F
ClientSampleId :
PB166840BS

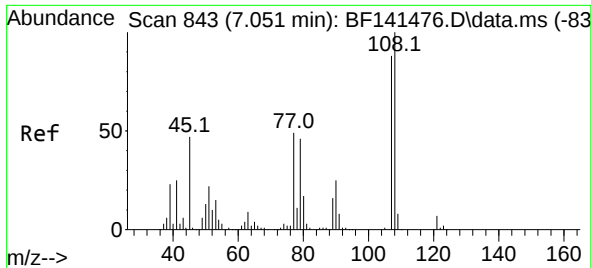
Tgt Ion: 79 Resp: 219206
Ion Ratio Lower Upper
79 100
108 74.9 57.4 86.2
77 61.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.981 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion: 45 Resp: 370969
Ion Ratio Lower Upper
45 100
77 32.2 0.0 35.8
79 28.5 0.0 32.7

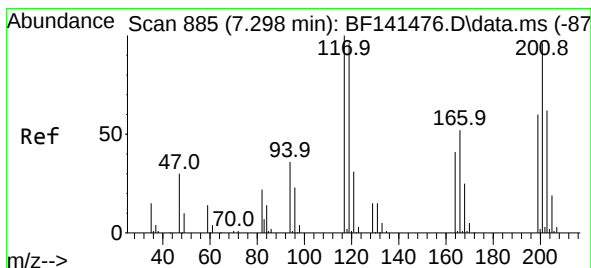
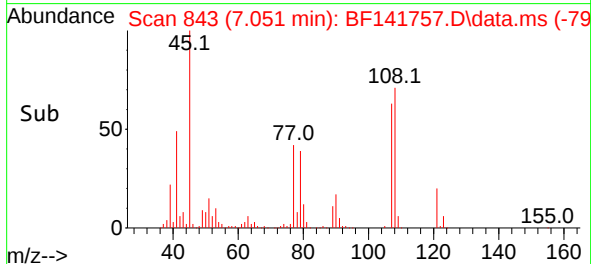
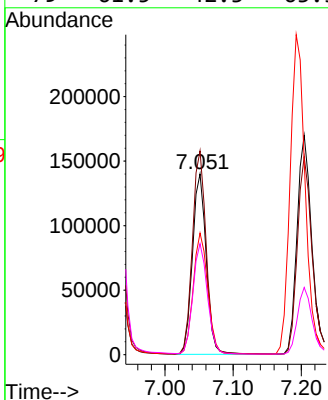
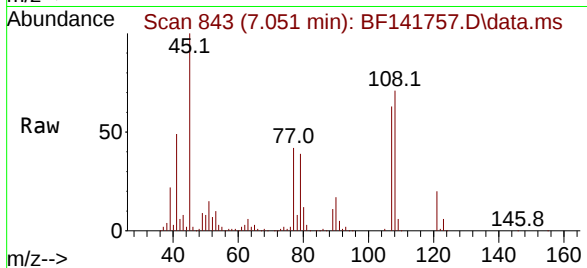




#17
2-Methylphenol
Concen: 41.320 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

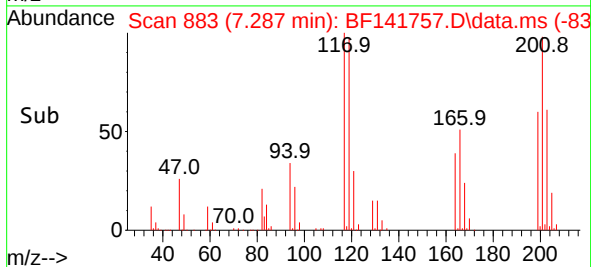
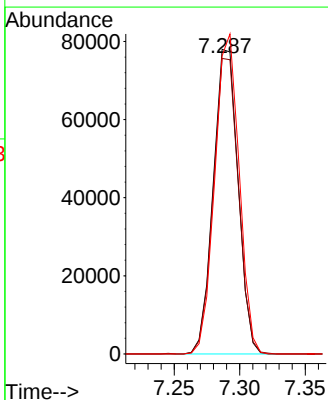
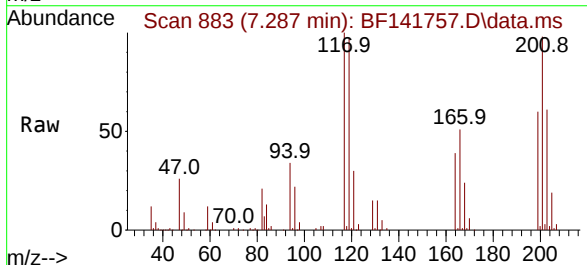
Instrument :
BNA_F
ClientSampleId :
PB166840BS

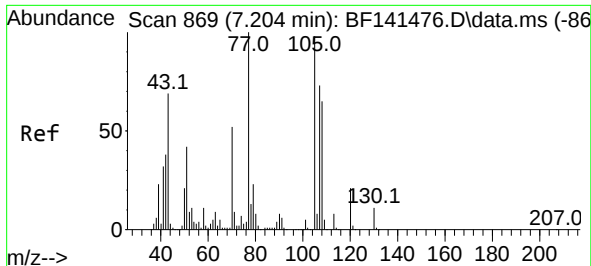
Tgt Ion:107 Resp: 196585
Ion Ratio Lower Upper
107 100
108 112.8 90.6 136.0
77 67.3 44.4 66.6#
79 61.5 42.3 63.5



#18
Hexachloroethane
Concen: 42.357 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:117 Resp: 102797
Ion Ratio Lower Upper
117 100
119 97.0 76.5 114.7
201 97.8 76.7 115.1



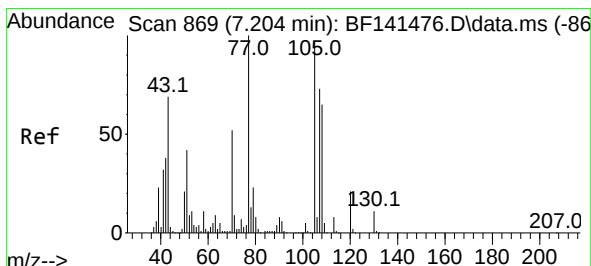
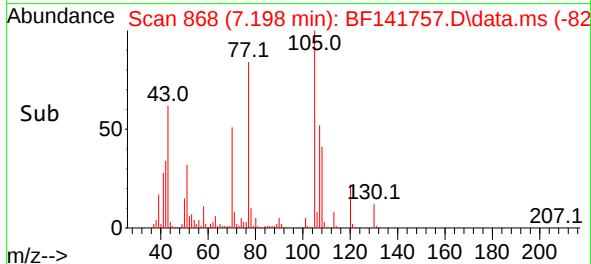
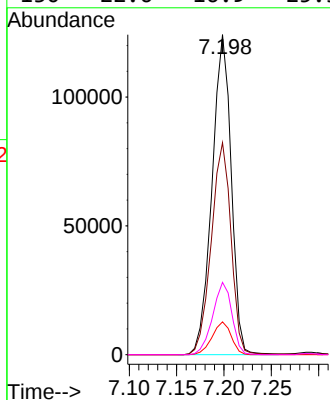
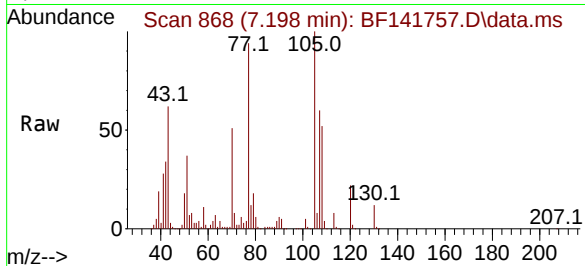


#19
n-Nitroso-di-n-propylamine
Concen: 41.197 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :
BNA_F
ClientSampleId :
PB166840BS

Tgt Ion: 70 Resp: 175243

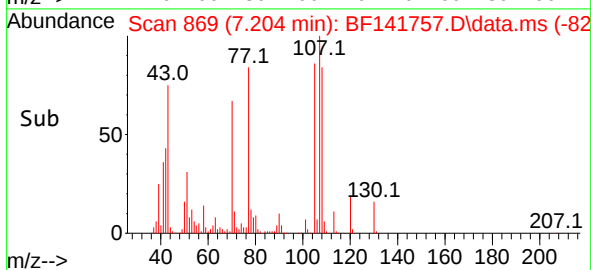
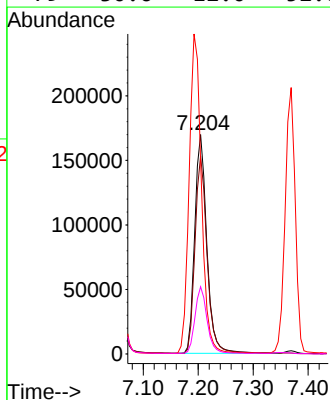
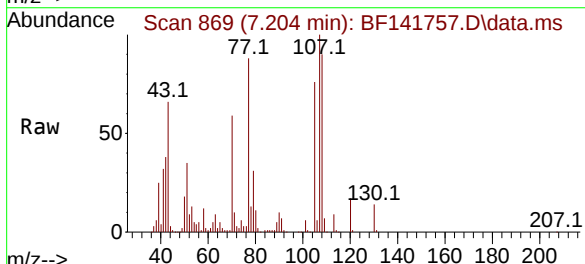
Ion	Ratio	Lower	Upper
70	100		
42	66.2	57.4	86.2
101	10.3	8.0	12.0
130	22.6	16.9	25.3

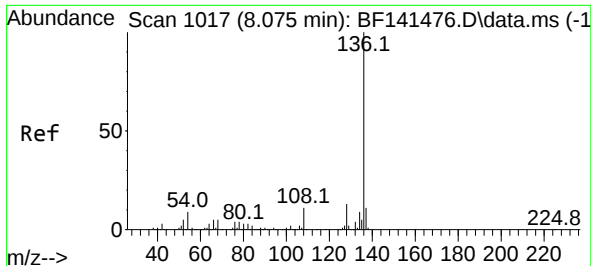


#20
3+4-Methylphenols
Concen: 43.085 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion: 107 Resp: 260505

Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.5	108.5
77	88.4	116.5	156.5#
79	30.6	12.0	52.0

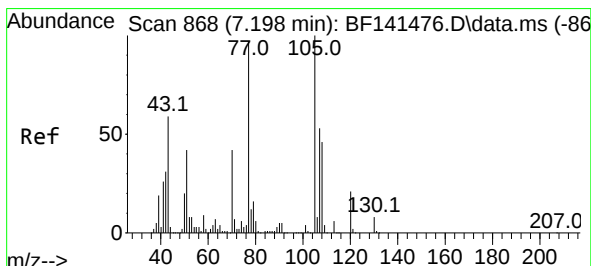
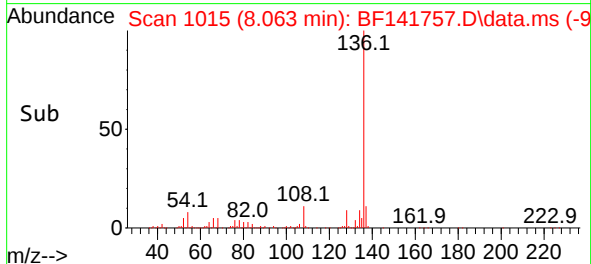
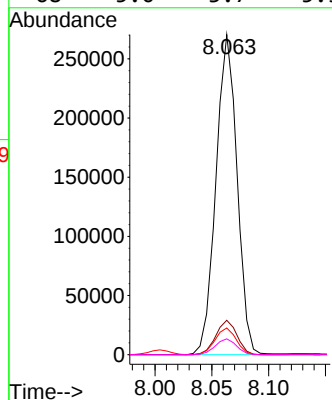
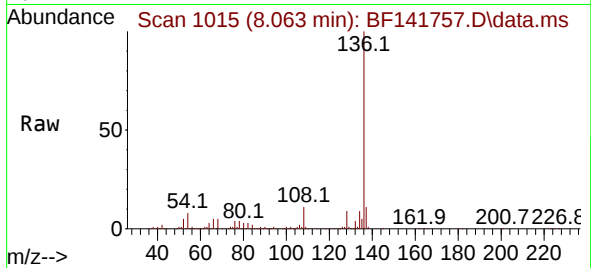




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

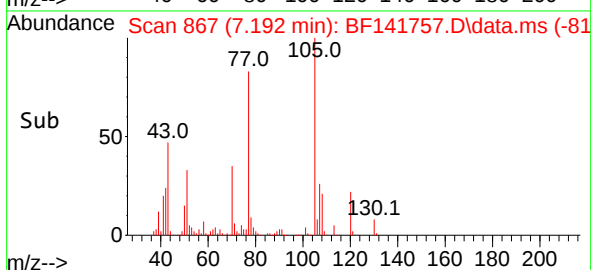
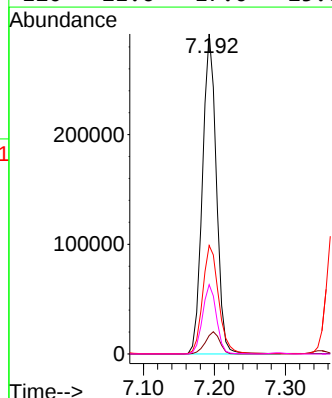
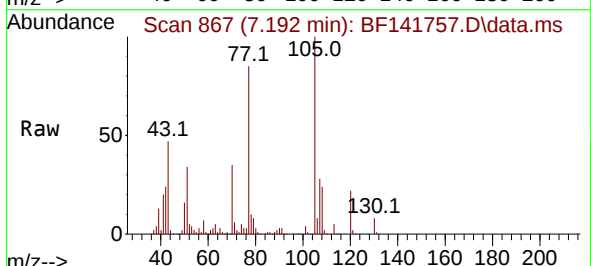
Instrument :
BNA_F
ClientSampleId :
PB166840BS

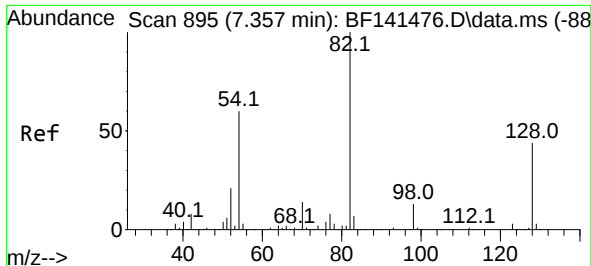
Tgt Ion:136 Resp: 350101
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 7.2 10.8
68 5.0 3.7 5.5



#22
Acetophenone
Concen: 45.609 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:105 Resp: 397204
Ion Ratio Lower Upper
105 100
71 5.8 5.7 8.5
51 33.9 33.7 50.5
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 86.324 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

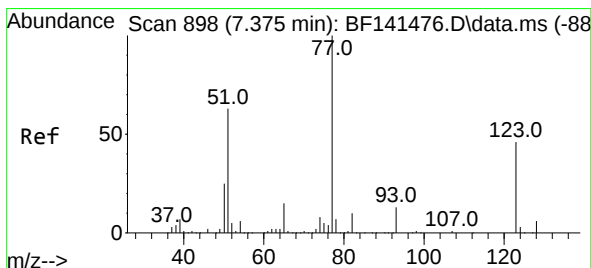
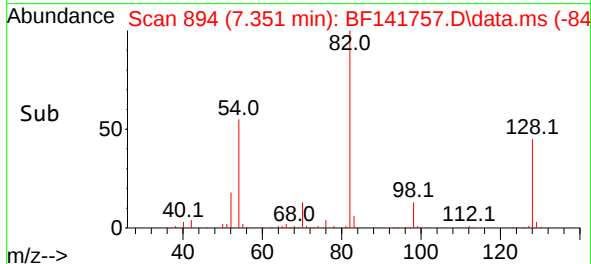
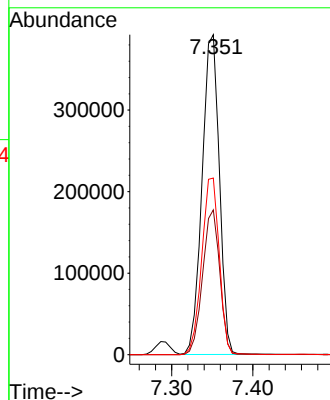
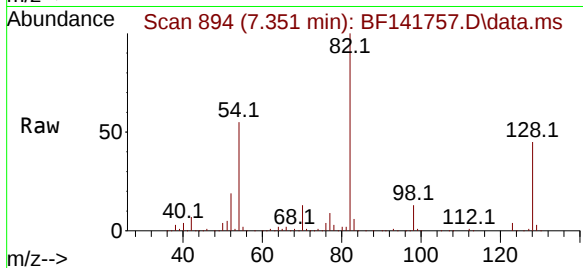
BNA_F

ClientSampleId :

PB166840BS

Tgt Ion: 82 Resp: 579434

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.8	52.2
54	55.2	48.2	72.4



#24

Nitrobenzene

Concen: 40.176 ng

RT: 7.369 min Scan# 897

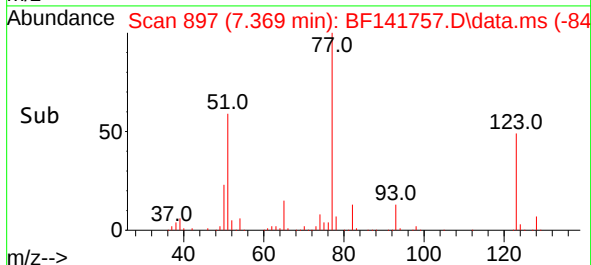
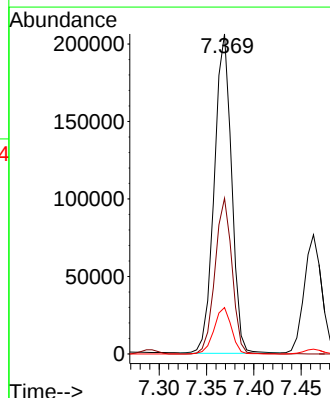
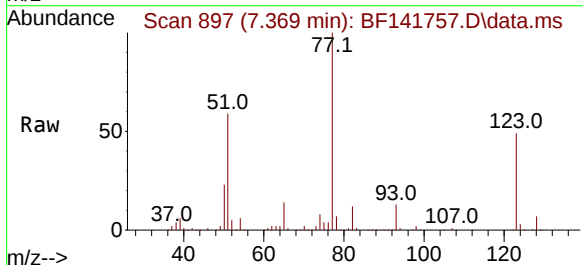
Delta R.T. -0.012 min

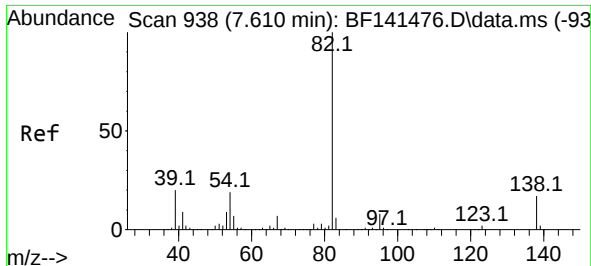
Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Tgt Ion: 77 Resp: 262965

Ion	Ratio	Lower	Upper
77	100		
123	48.7	36.9	55.3
65	14.5	11.9	17.9

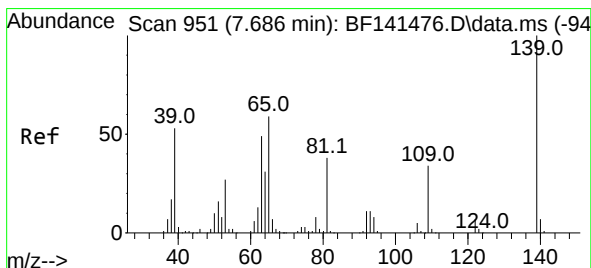
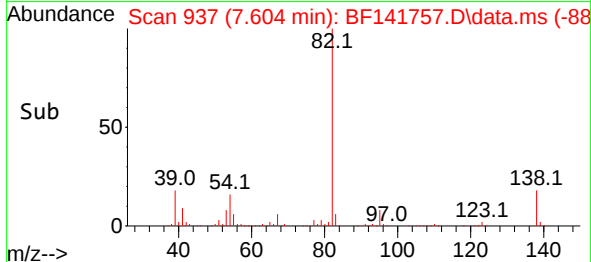
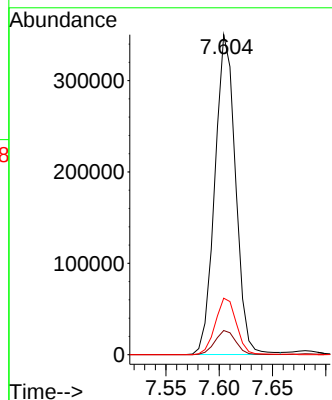
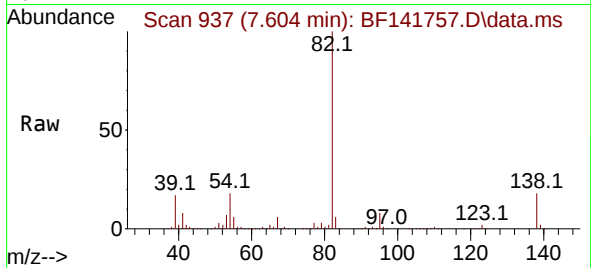




#25
Isophorone
Concen: 44.195 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

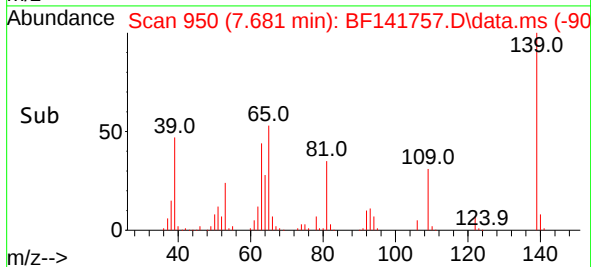
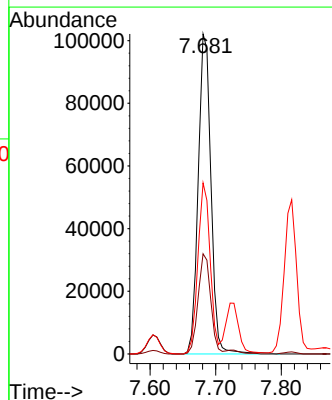
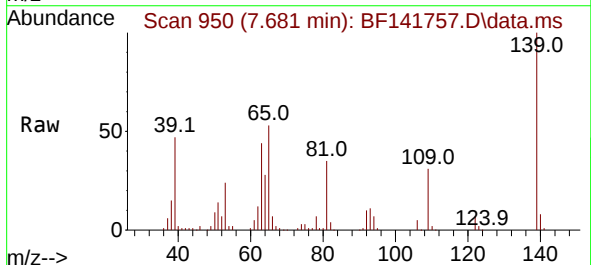
Instrument :
BNA_F
ClientSampleId :
PB166840BS

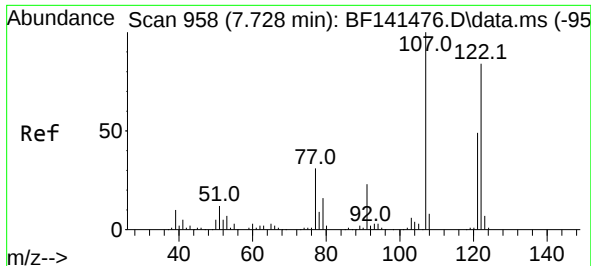
Tgt Ion: 82 Resp: 473002
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 17.7 13.9 20.9



#26
2-Nitrophenol
Concen: 42.524 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:139 Resp: 138477
Ion Ratio Lower Upper
139 100
109 31.3 27.0 40.6
65 53.5 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 54.443 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

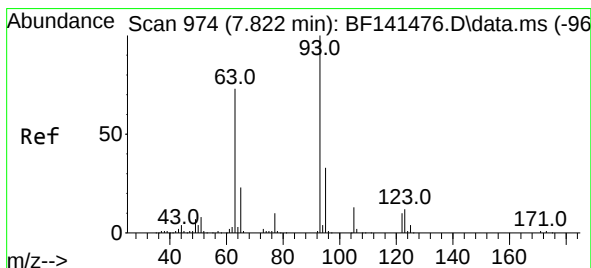
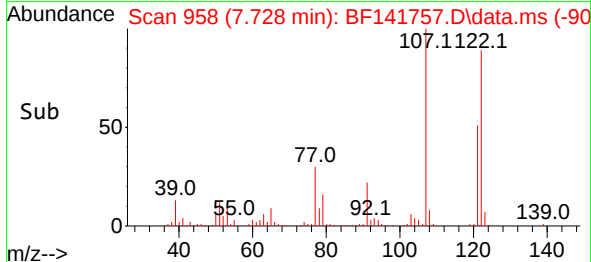
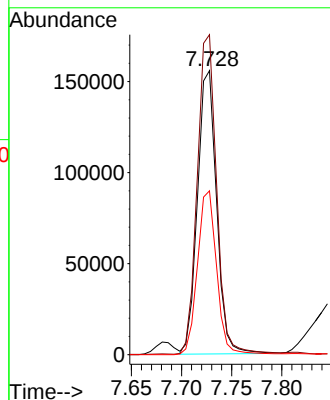
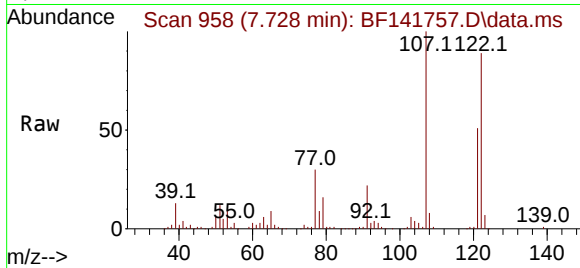
Tgt Ion:122 Resp: 207112

Ion Ratio Lower Upper

122 100

107 112.7 94.3 141.5

121 57.7 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.746 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

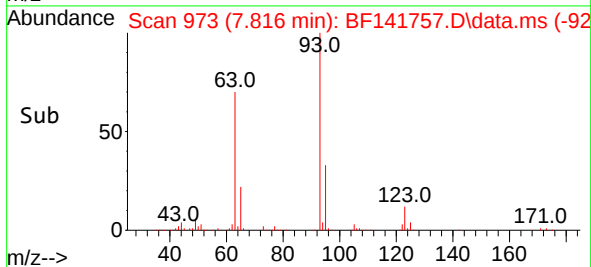
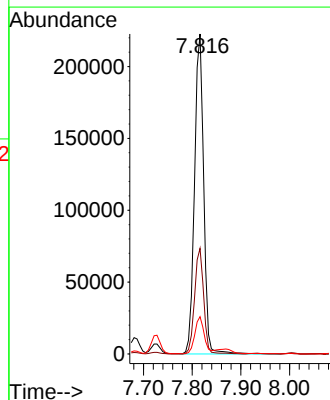
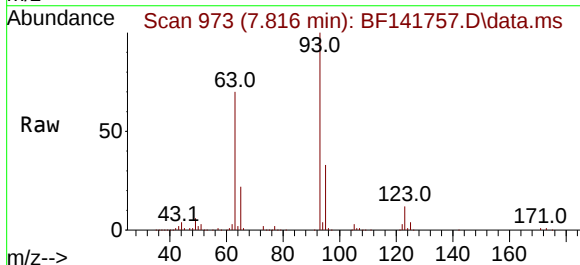
Tgt Ion: 93 Resp: 293154

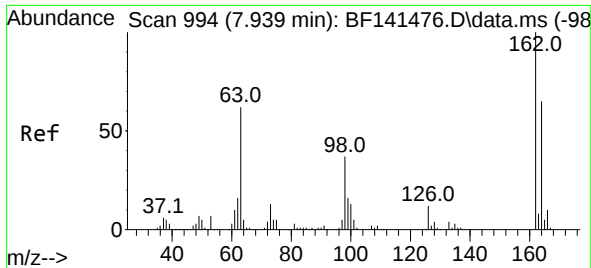
Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

123 11.6 9.5 14.3

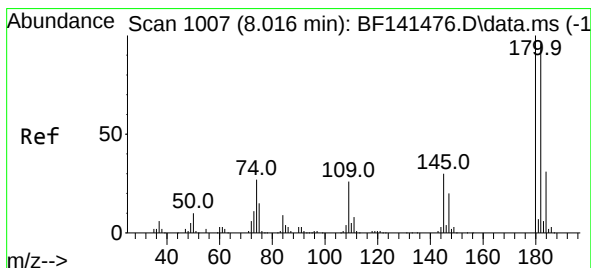
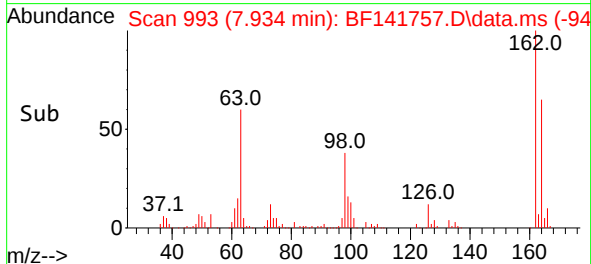
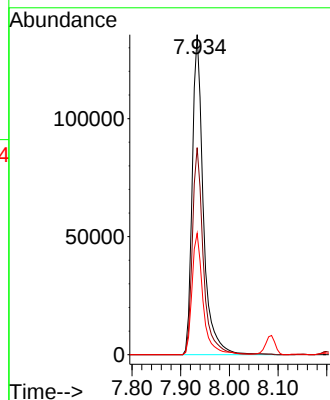
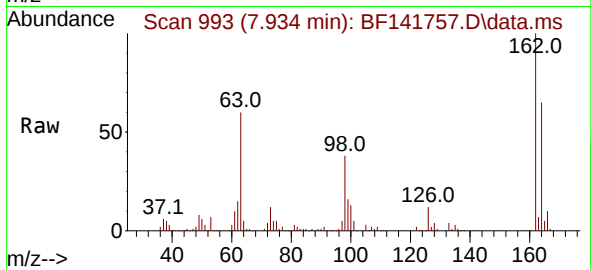




#29
2,4-Dichlorophenol
Concen: 41.771 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

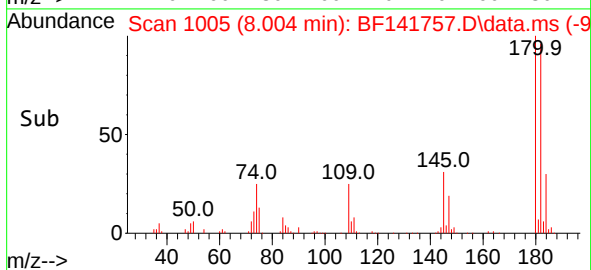
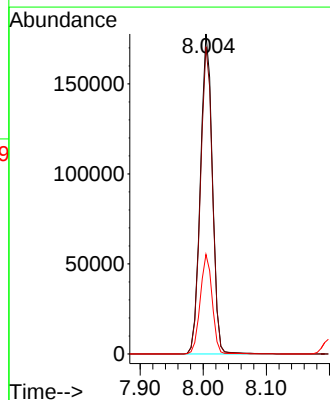
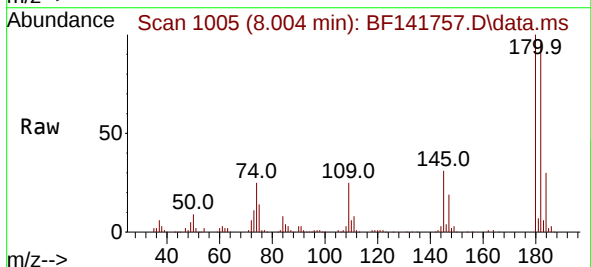
Instrument :
BNA_F
ClientSampleId :
PB166840BS

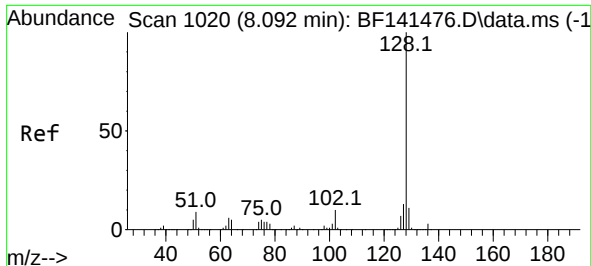
Tgt Ion:162 Resp: 214704
Ion Ratio Lower Upper
162 100
164 64.7 44.6 84.6
98 37.9 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 41.972 ng
RT: 8.004 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:180 Resp: 234932
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
145 31.1 24.2 36.4

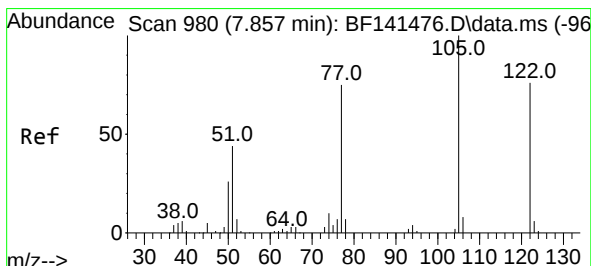
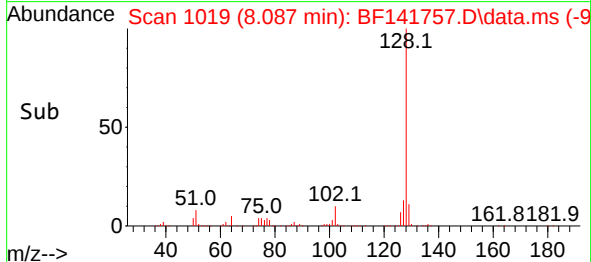
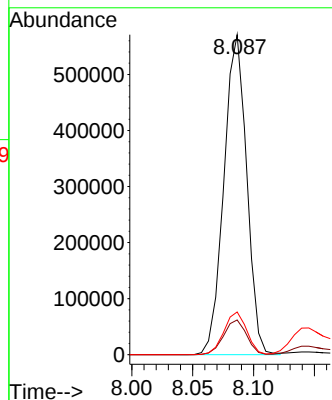
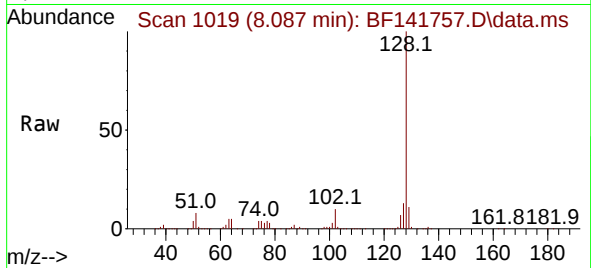




#31
Naphthalene
Concen: 40.890 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

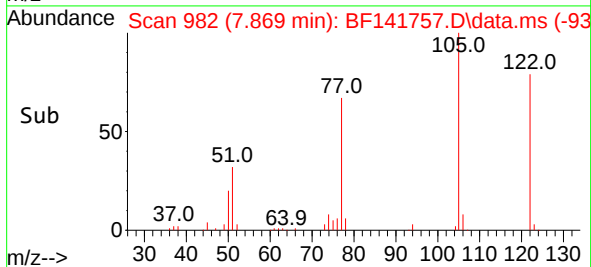
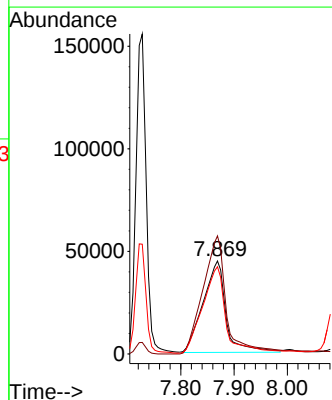
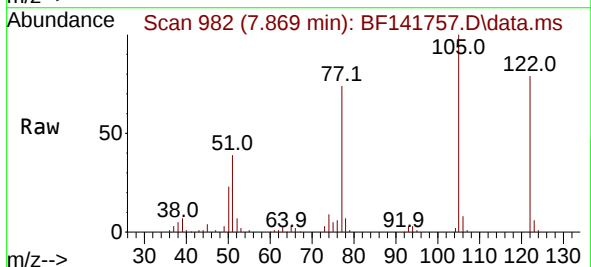
Instrument :
BNA_F
ClientSampleId :
PB166840BS

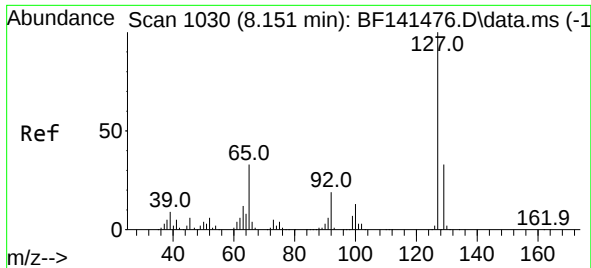
Tgt Ion:128 Resp: 745183
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 33.761 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:122 Resp: 133405
Ion Ratio Lower Upper
122 100
105 127.1 106.5 146.5
77 93.9 76.3 116.3

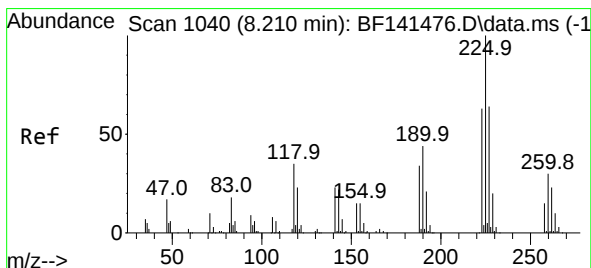
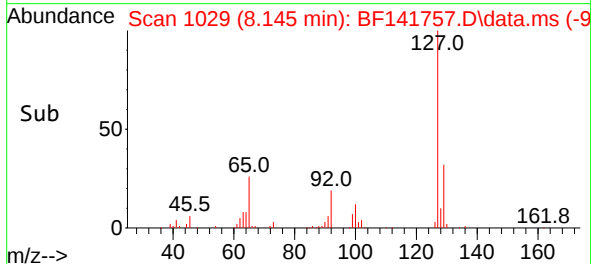
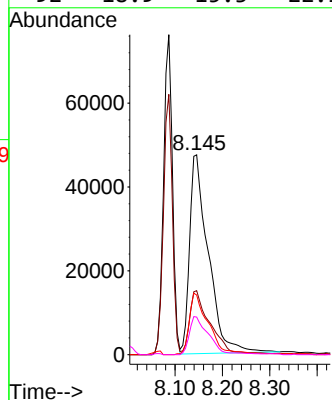
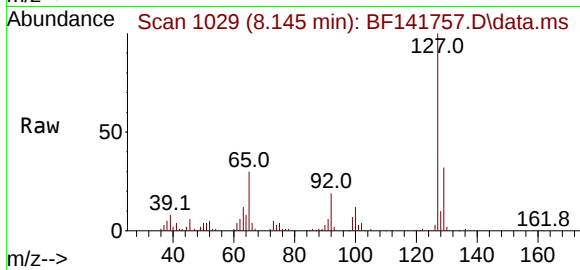




#33
4-Chloroaniline
Concen: 20.342 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

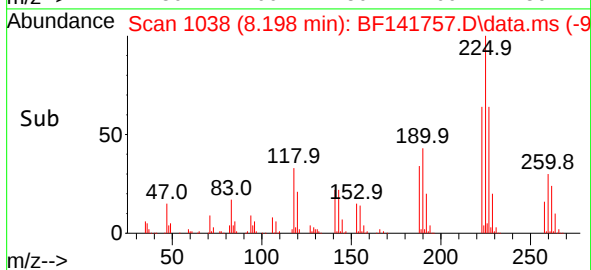
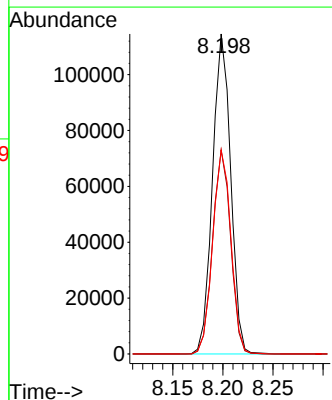
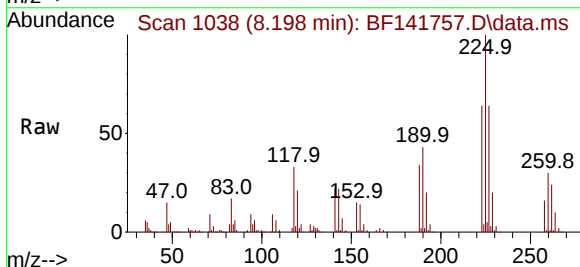
Instrument :
BNA_F
ClientSampleId :
PB166840BS

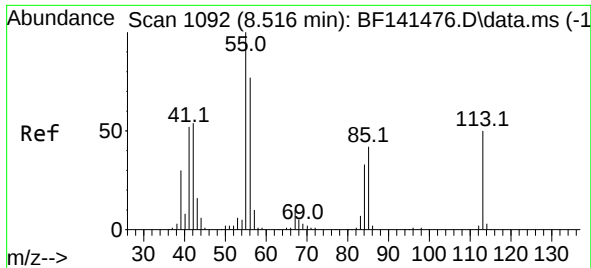
Tgt Ion:	127	Resp:	129430
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.5	39.7
65	29.9	26.4	39.6
92	18.9	15.3	22.9



#34
Hexachlorobutadiene
Concen: 42.909 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:	225	Resp:	144187
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.1	75.1
227	63.8	51.0	76.6

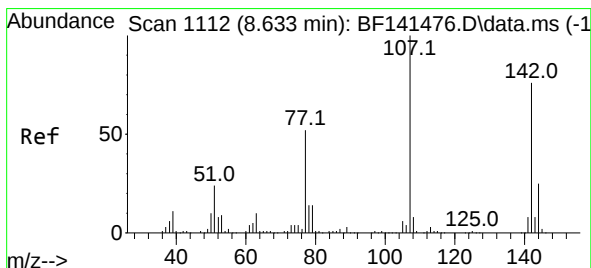
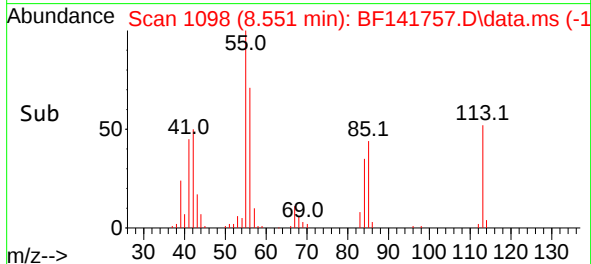
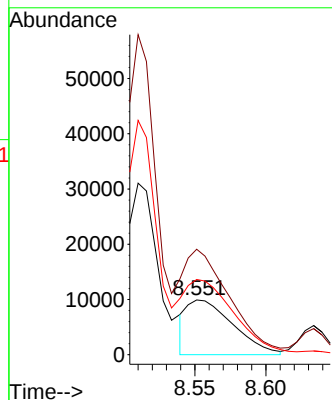
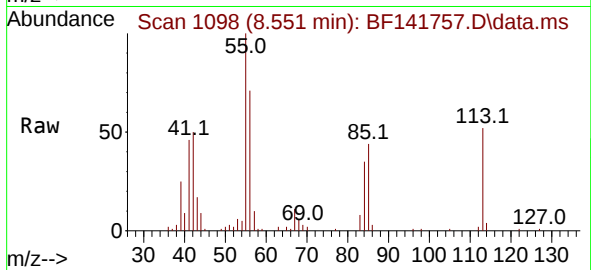




#35
 Caprolactam
 Concen: 14.374 ng
 RT: 8.551 min Scan# 1098
 Delta R.T. 0.006 min
 Lab File: BF141757.D
 Acq: 25 Feb 2025 11:33

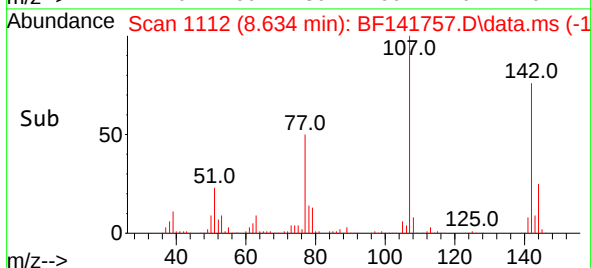
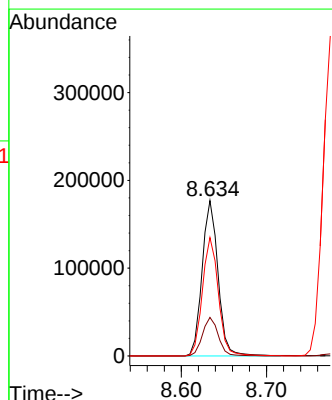
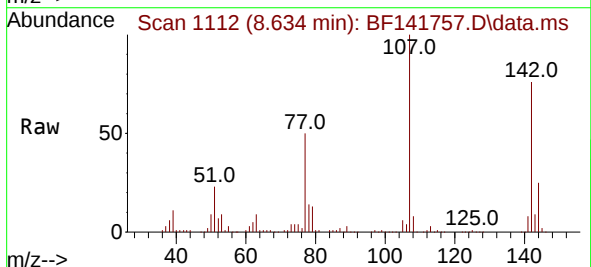
Instrument :
 BNA_F
 ClientSampleId :
 PB166840BS

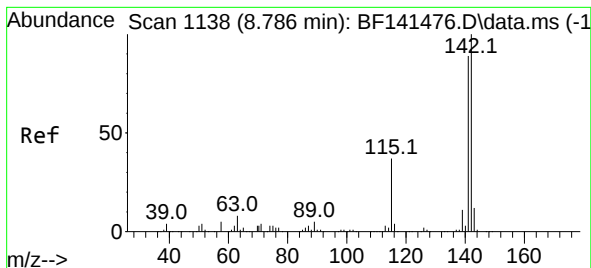
Tgt Ion:113 Resp: 22495
 Ion Ratio Lower Upper
 113 100
 55 192.4 180.8 220.8
 56 137.2 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.486 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141757.D
 Acq: 25 Feb 2025 11:33

Tgt Ion:107 Resp: 230514
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.7 29.5
 142 76.2 60.8 91.2





#37

2-Methylnaphthalene

Concen: 39.611 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

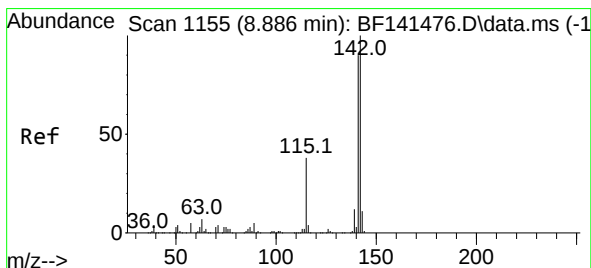
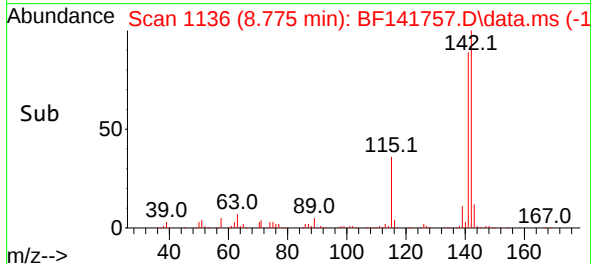
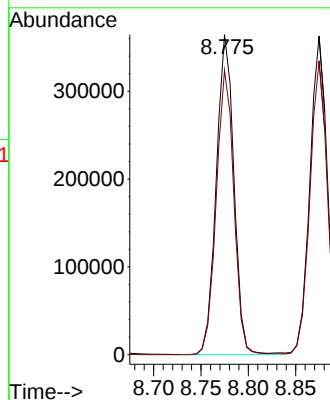
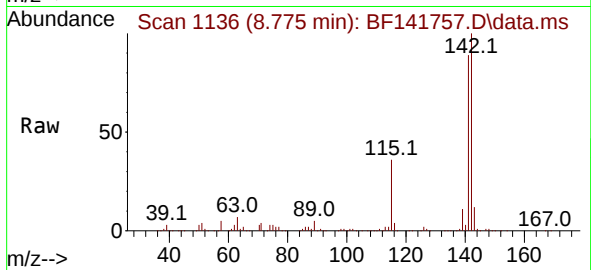
PB166840BS

Tgt Ion:142 Resp: 469743

Ion Ratio Lower Upper

142 100

141 88.9 71.2 106.8



#38

1-Methylnaphthalene

Concen: 39.980 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141757.D

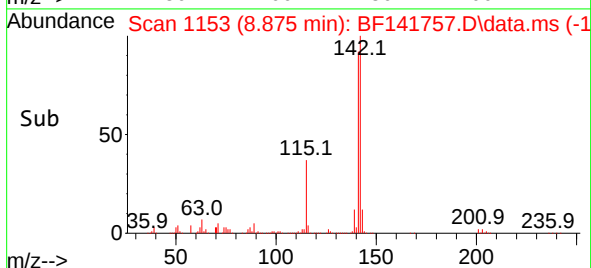
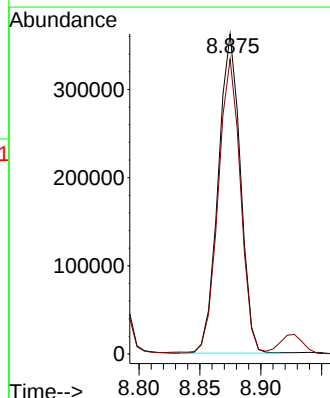
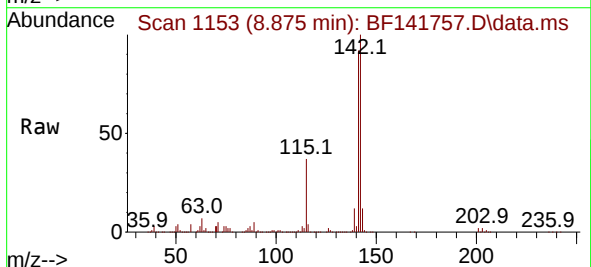
Acq: 25 Feb 2025 11:33

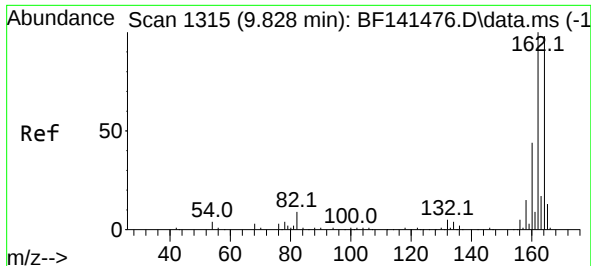
Tgt Ion:142 Resp: 459207

Ion Ratio Lower Upper

142 100

141 92.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 111

Delta R.T. -0.017 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

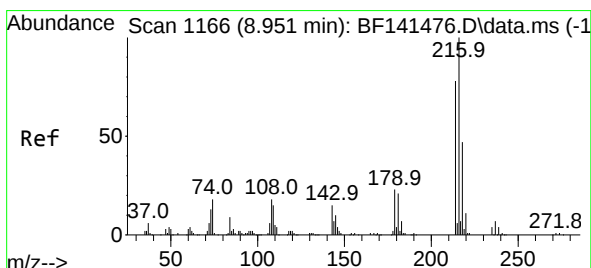
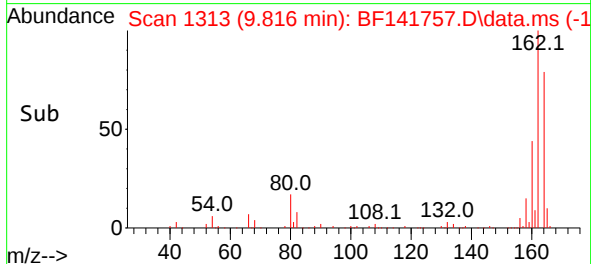
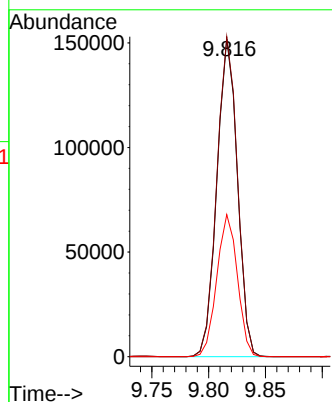
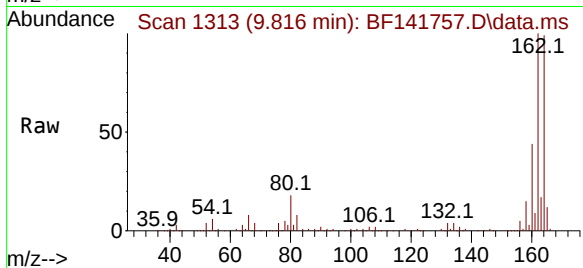
Tgt Ion:164 Resp: 190621

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

160 44.7 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.049 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Tgt Ion:216 Resp: 259469

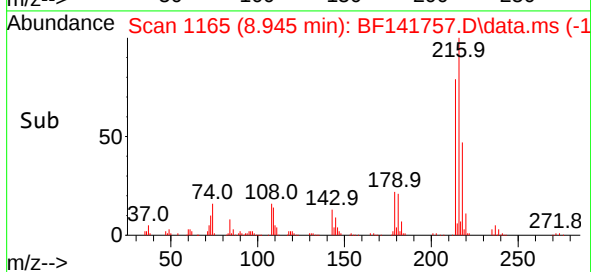
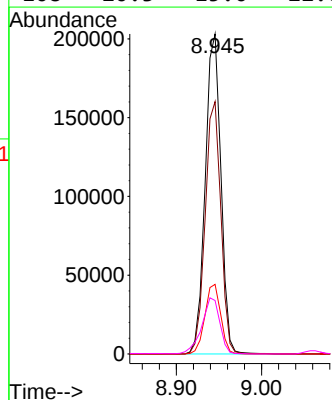
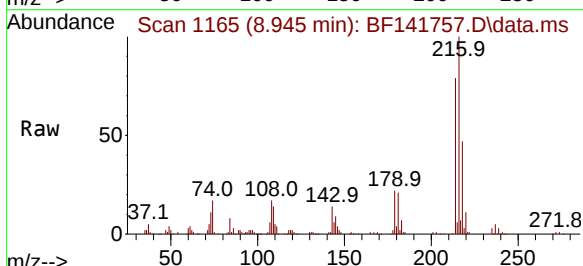
Ion Ratio Lower Upper

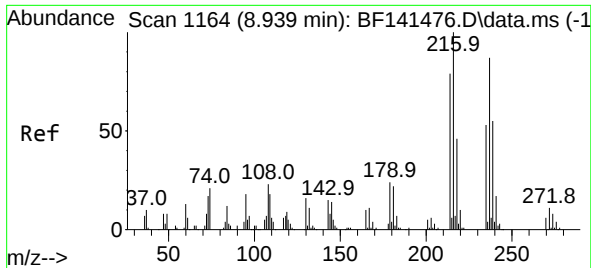
216 100

214 78.8 62.3 93.5

179 22.0 18.0 27.0

108 20.3 15.0 22.6

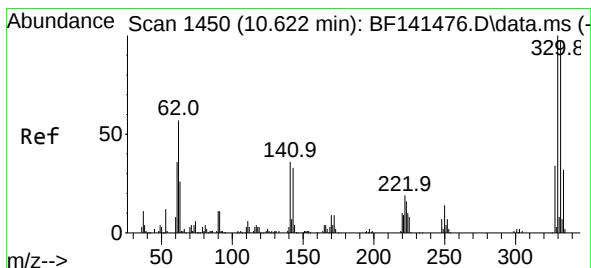
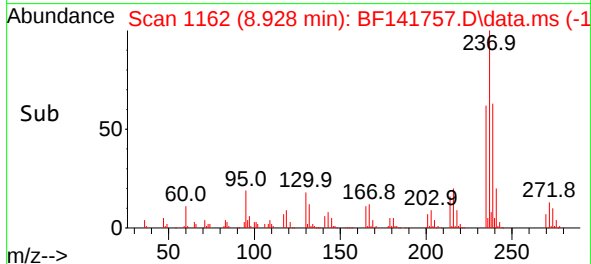
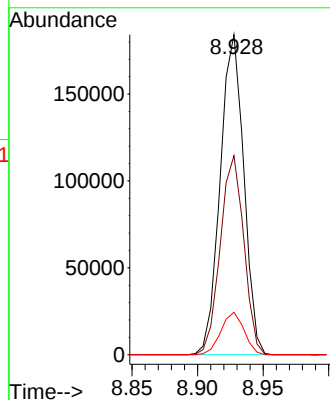
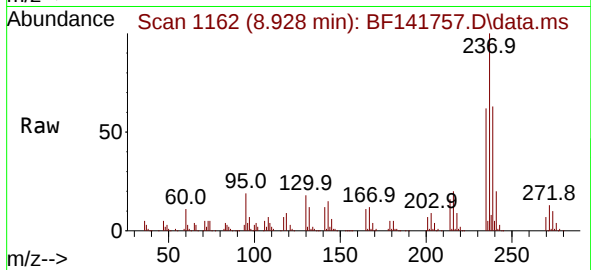




#41
Hexachlorocyclopentadiene
Concen: 125.327 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

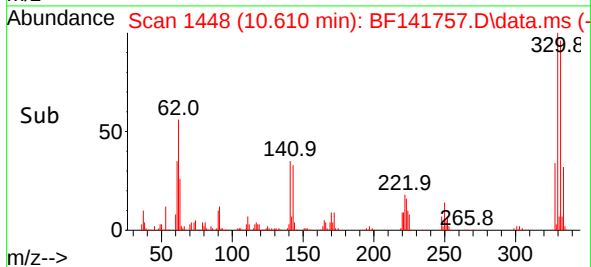
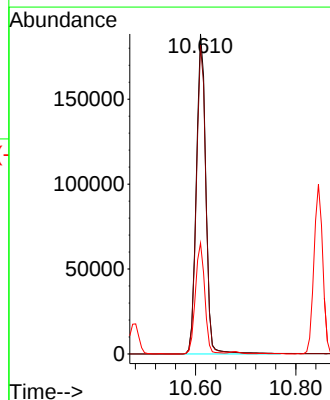
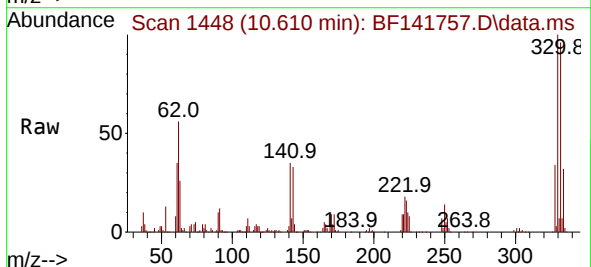
Instrument :
BNA_F
ClientSampleId :
PB166840BS

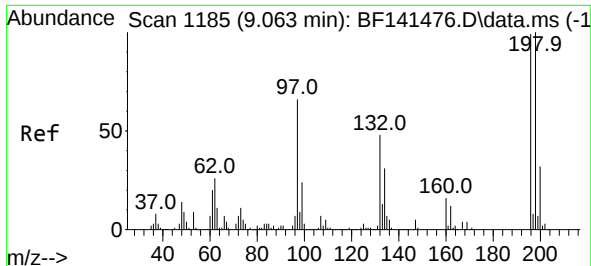
Tgt Ion:237 Resp: 229888
Ion Ratio Lower Upper
237 100
235 62.2 41.4 81.4
272 13.2 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 129.270 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

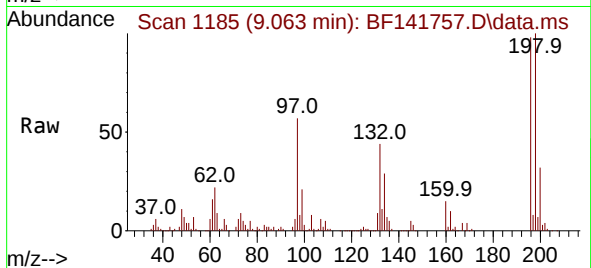
Tgt Ion:330 Resp: 247535
Ion Ratio Lower Upper
330 100
332 96.9 78.5 117.7
141 34.2 31.0 46.4



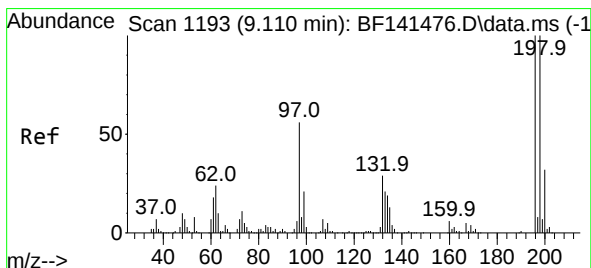
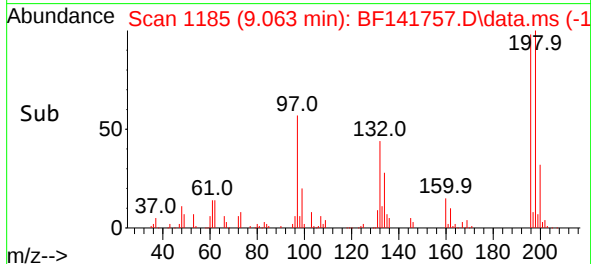
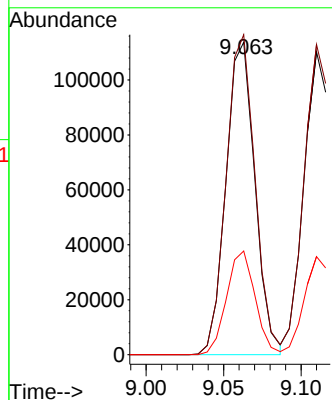


#43
2,4,6-Trichlorophenol
Concen: 41.523 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :
BNA_F
ClientSampleId :
PB166840BS

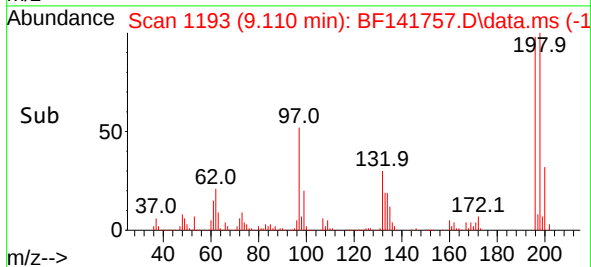
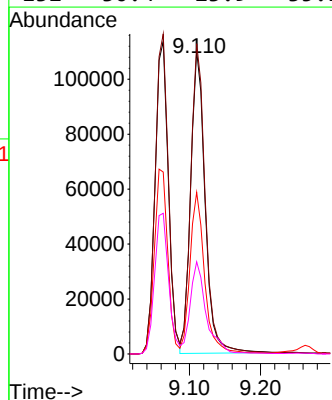
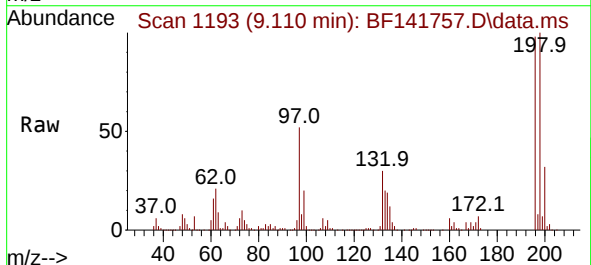


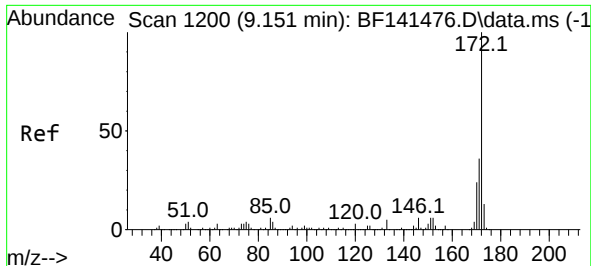
Tgt Ion:196 Resp: 148002
Ion Ratio Lower Upper
196 100
198 102.4 80.6 121.0
200 33.2 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 40.399 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:196 Resp: 156057
Ion Ratio Lower Upper
196 100
198 102.4 79.8 119.8
97 53.4 44.8 67.2
132 30.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 90.021 ng

RT: 9.139 min Scan# 1118

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

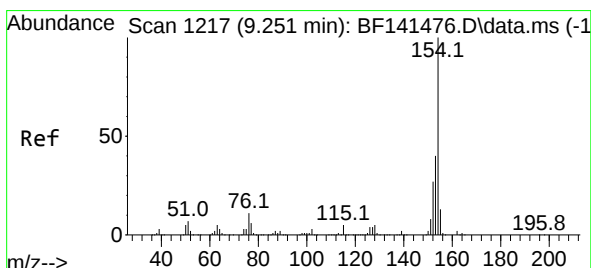
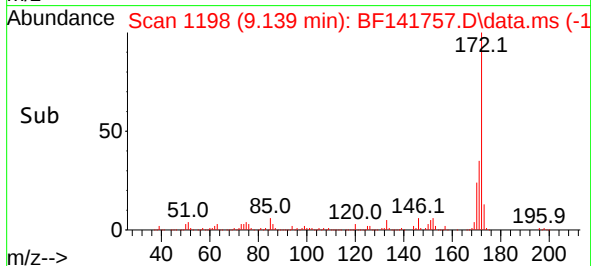
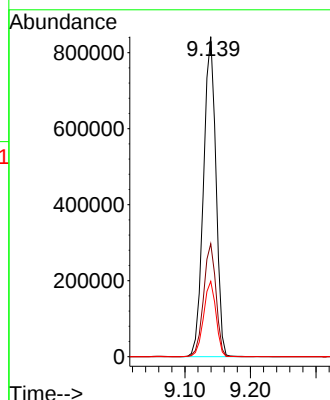
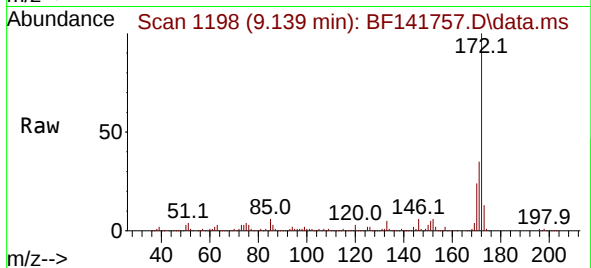
Tgt Ion:172 Resp: 1113819

Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 46.249 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.017 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

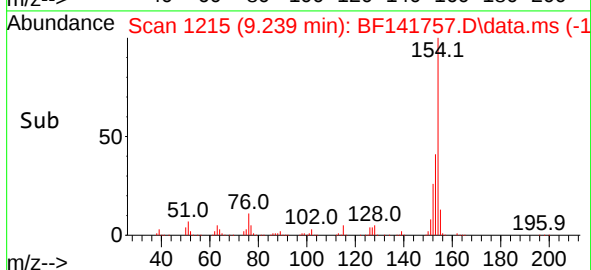
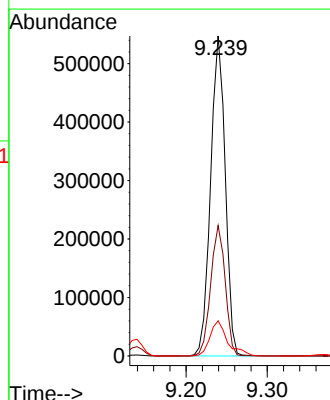
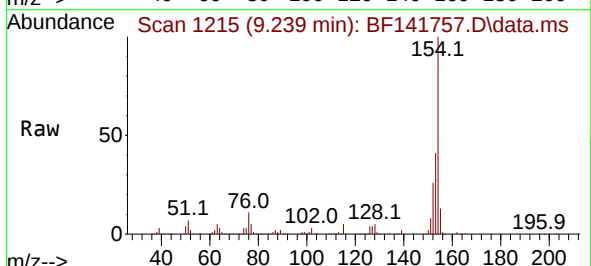
Tgt Ion:154 Resp: 683483

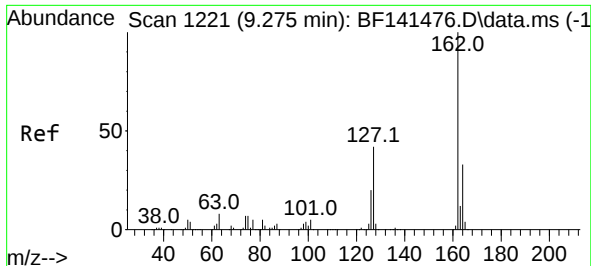
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.0 0.0 30.8

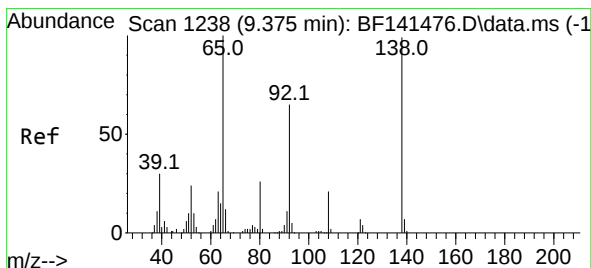
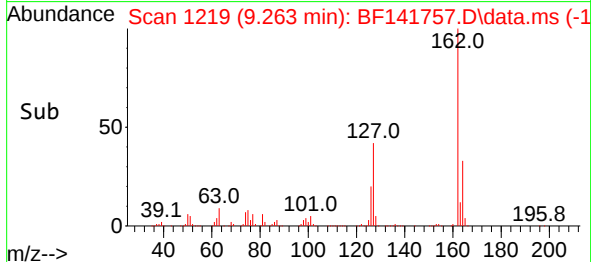
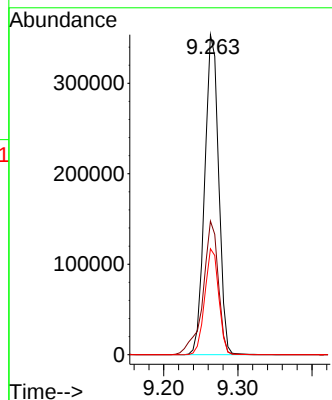
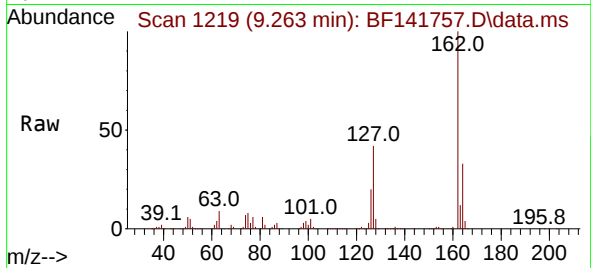




#47
2-Chloronaphthalene
Concen: 42.407 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

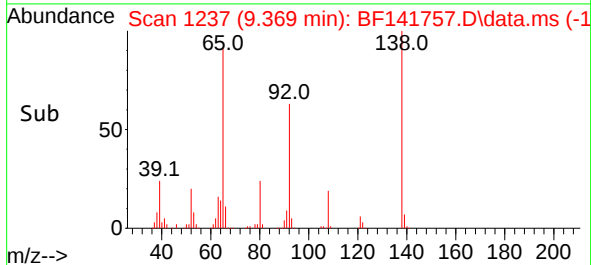
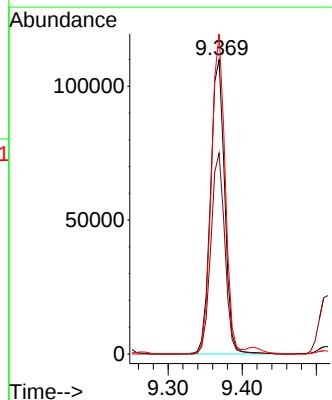
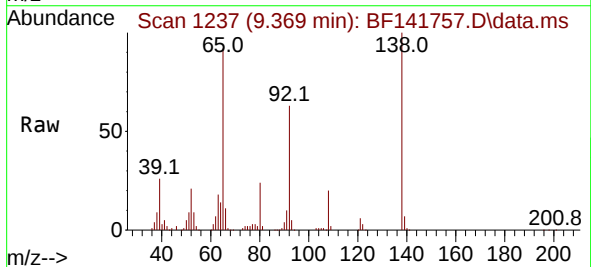
Instrument :
BNA_F
ClientSampleId :
PB166840BS

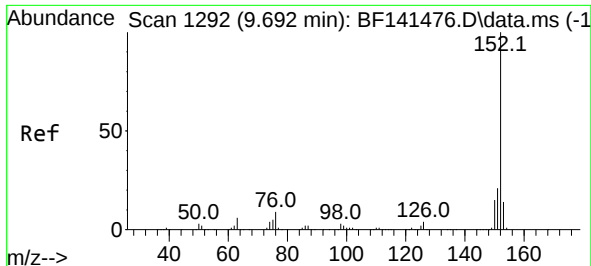
Tgt Ion:162 Resp: 463438
Ion Ratio Lower Upper
162 100
127 41.8 34.1 51.1
164 33.1 26.3 39.5



#48
2-Nitroaniline
Concen: 39.769 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion: 65 Resp: 145853
Ion Ratio Lower Upper
65 100
92 68.3 52.2 78.2
138 108.8 79.5 119.3

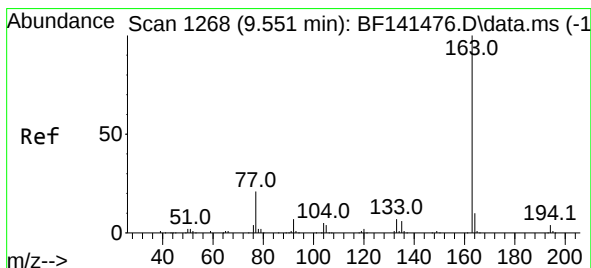
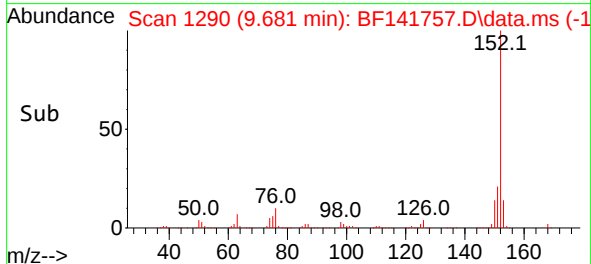
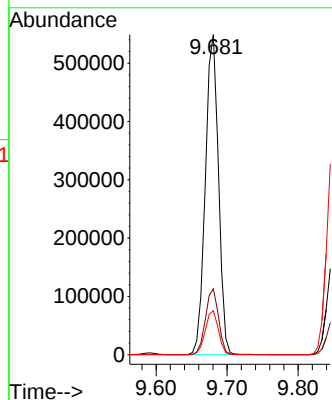
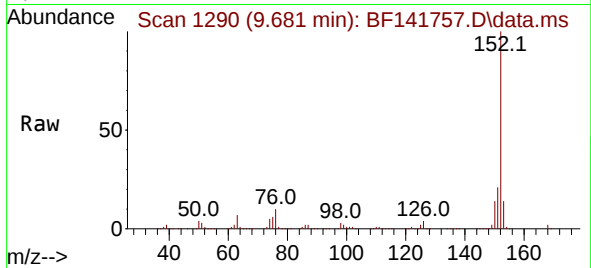




#49
Acenaphthylene
Concen: 43.500 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

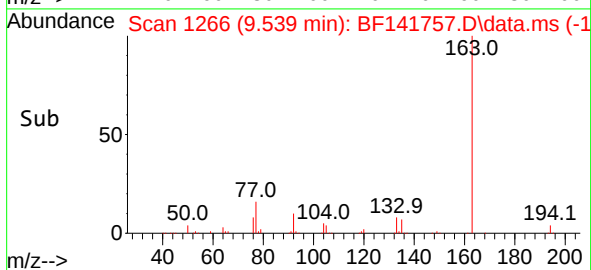
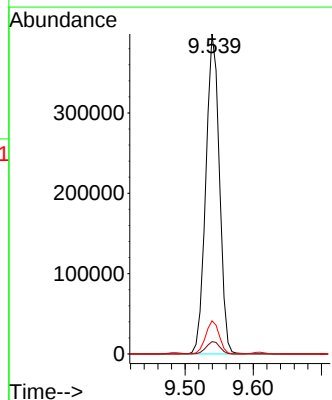
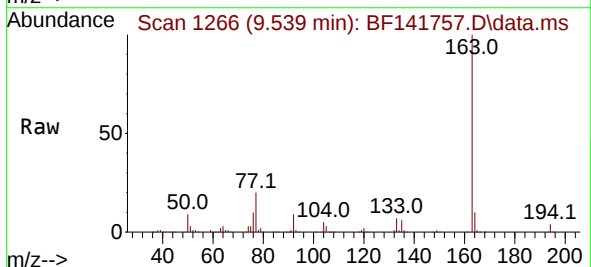
Instrument :
BNA_F
ClientSampleId :
PB166840BS

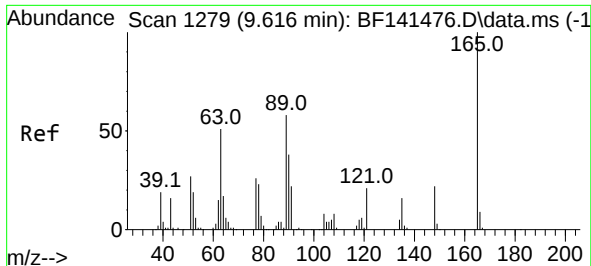
Tgt Ion:152 Resp: 707078
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.7 10.9 16.3



#50
Dimethylphthalate
Concen: 42.686 ng
RT: 9.539 min Scan# 1266
Delta R.T. -0.023 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:163 Resp: 552390
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.4 7.9 11.9

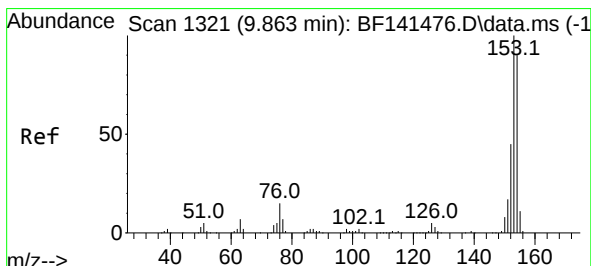
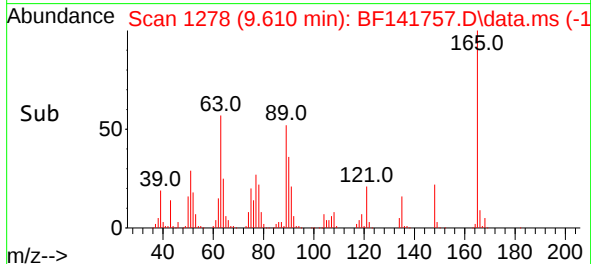
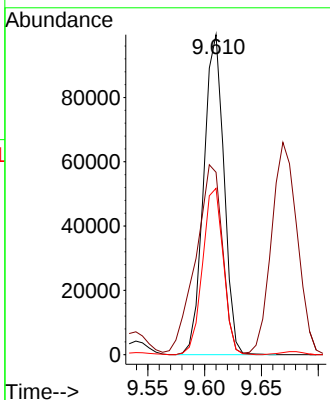
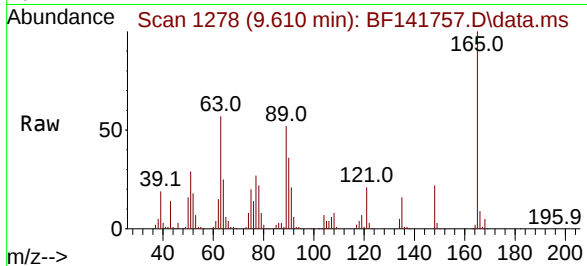




#51
2,6-Dinitrotoluene
Concen: 43.584 ng
RT: 9.610 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

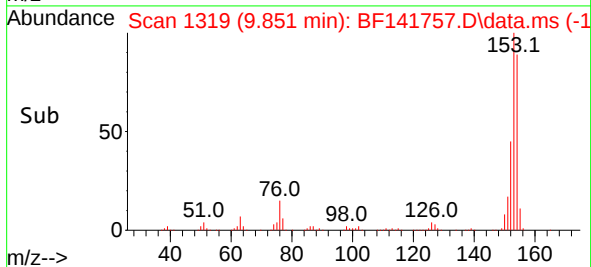
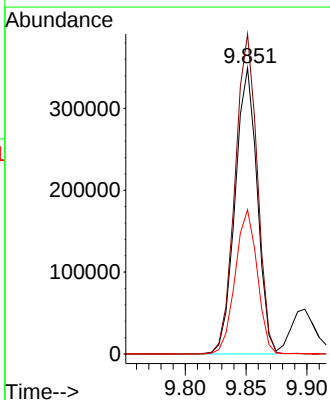
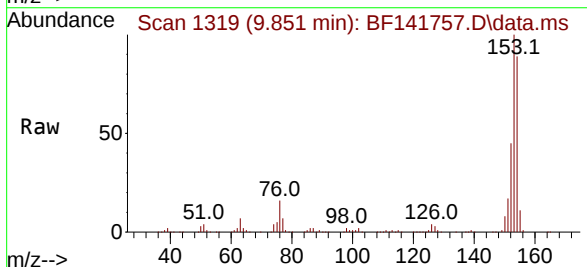
Instrument :
BNA_F
ClientSampleId :
PB166840BS

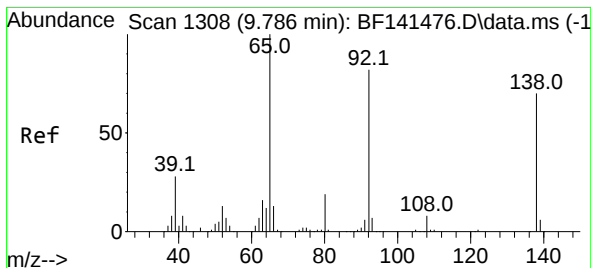
Tgt Ion:165 Resp: 123297
Ion Ratio Lower Upper
165 100
63 57.0 49.4 74.0
89 52.0 46.5 69.7



#52
Acenaphthene
Concen: 40.427 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:154 Resp: 441774
Ion Ratio Lower Upper
154 100
153 111.9 89.2 133.8
152 50.4 39.8 59.8





#53

3-Nitroaniline

Concen: 24.932 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

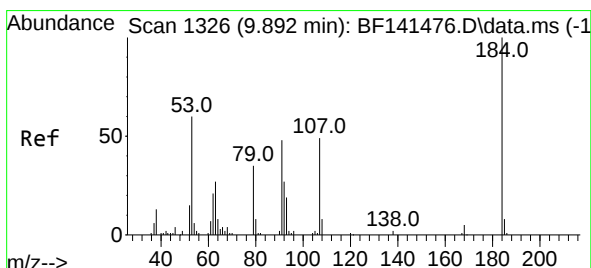
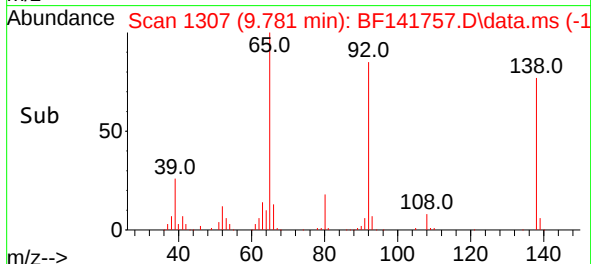
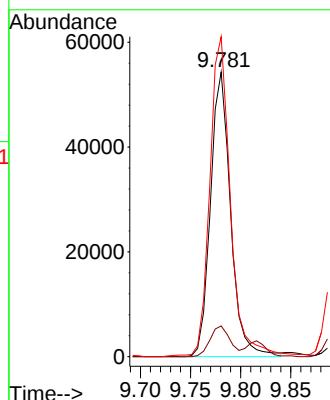
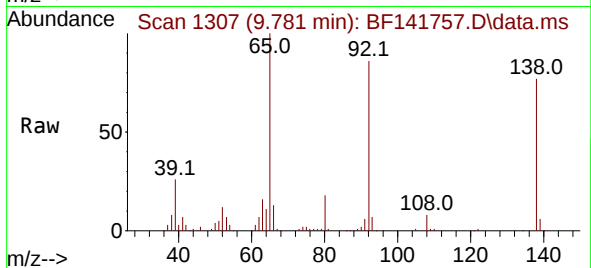
Tgt Ion:138 Resp: 75913

Ion Ratio Lower Upper

138 100

108 10.8 9.0 13.4

92 112.4 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 78.836 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

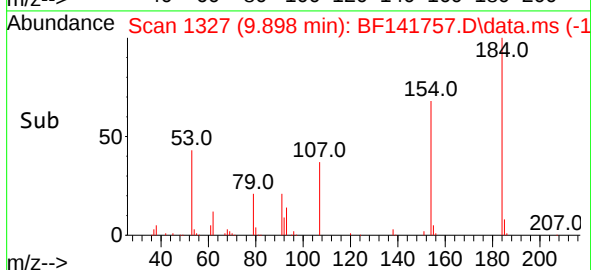
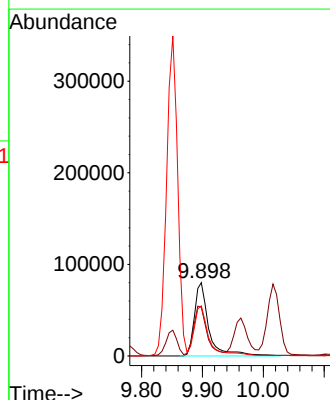
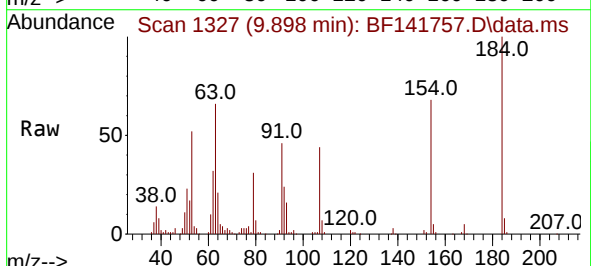
Tgt Ion:184 Resp: 132548

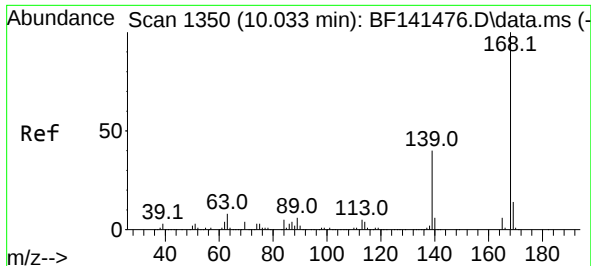
Ion Ratio Lower Upper

184 100

63 66.2 61.0 91.6

154 68.2 59.9 89.9

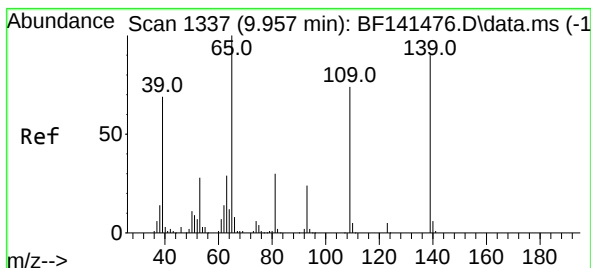
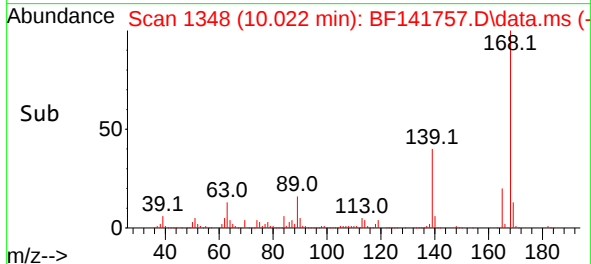
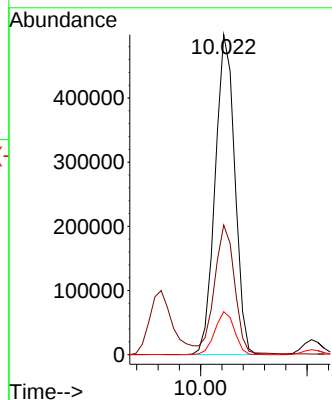
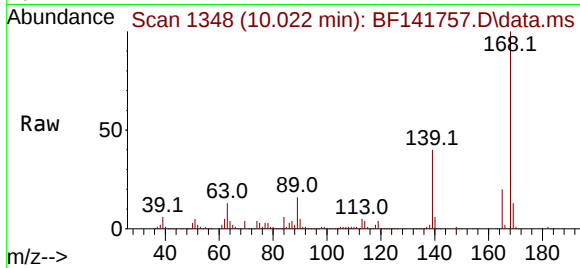




#55
Dibenzofuran
Concen: 39.748 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

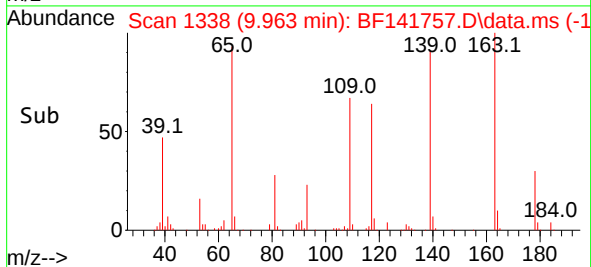
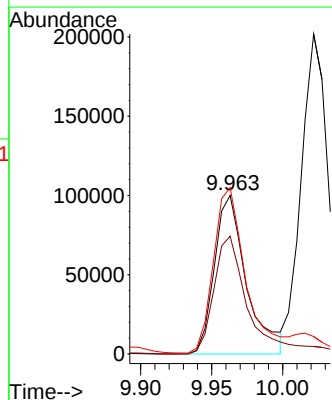
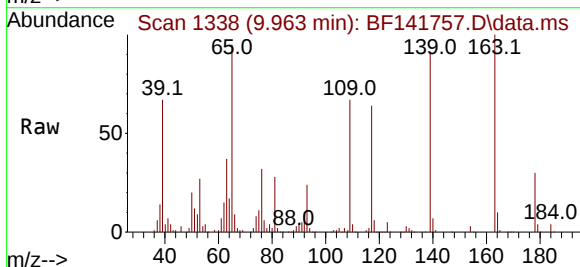
Instrument :
BNA_F
ClientSampleId :
PB166840BS

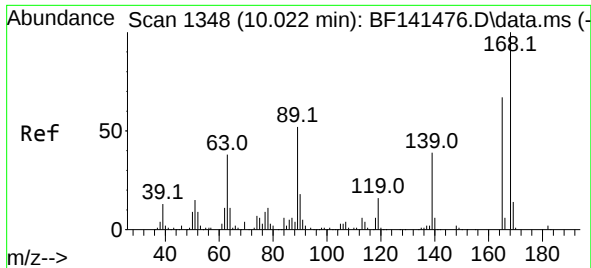
Tgt Ion:168 Resp: 637549
Ion Ratio Lower Upper
168 100
139 40.5 32.7 49.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 68.980 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:139 Resp: 155912
Ion Ratio Lower Upper
139 100
109 74.2 62.0 102.0
65 104.9 91.2 131.2

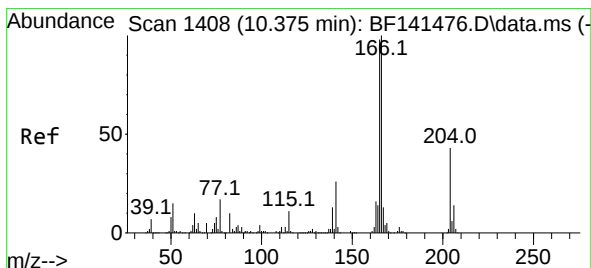
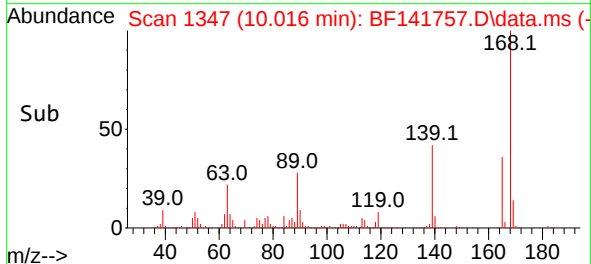
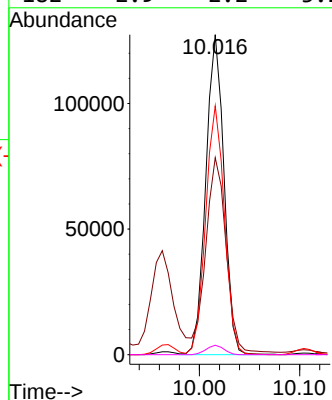
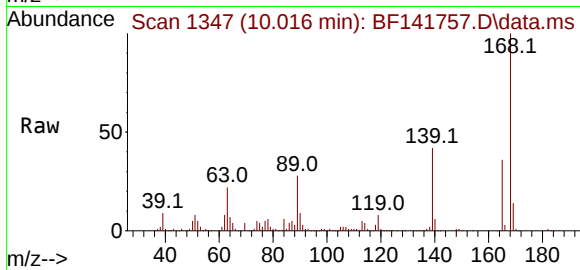




#57
2,4-Dinitrotoluene
Concen: 42.706 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

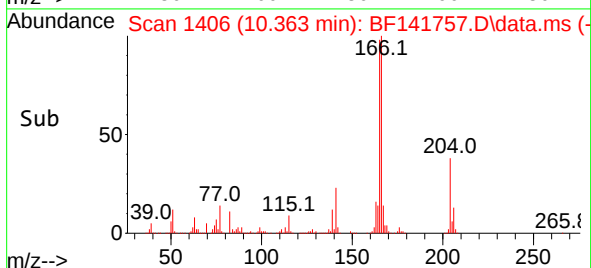
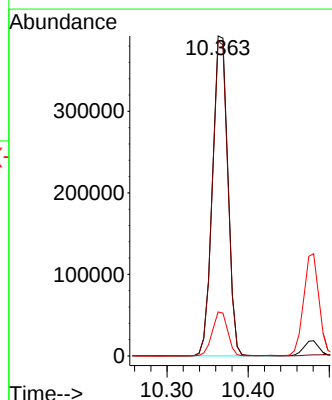
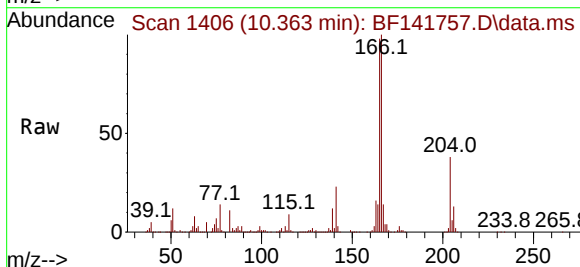
Instrument :
BNA_F
ClientSampleId :
PB166840BS

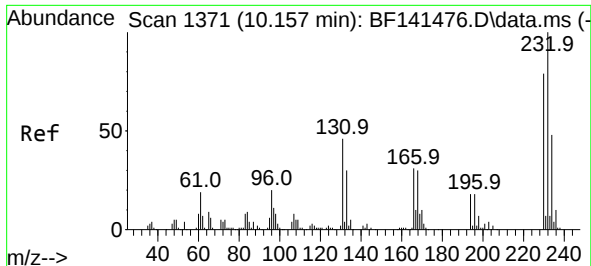
Tgt Ion:165 Resp: 160830
Ion Ratio Lower Upper
165 100
63 61.5 46.4 69.6
89 77.7 61.8 92.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 41.617 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:166 Resp: 516134
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.8 10.7 16.1

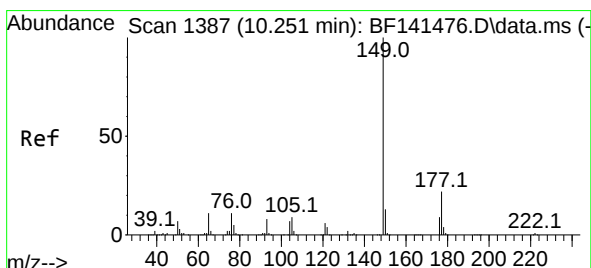
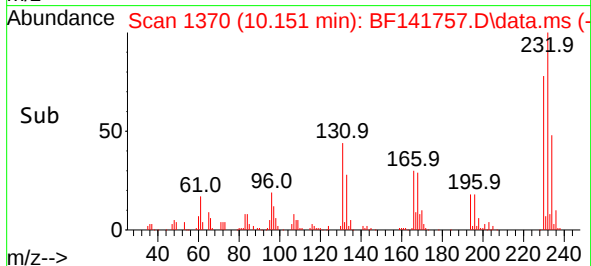
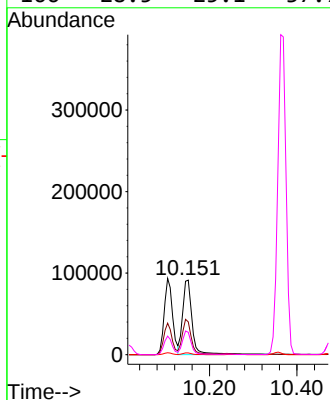
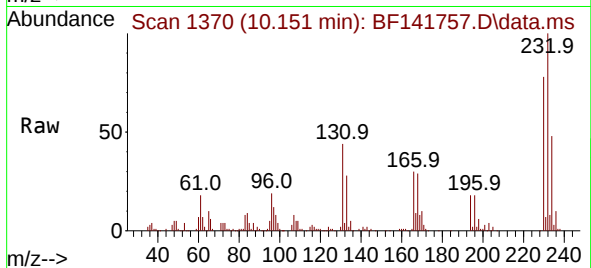




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.735 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

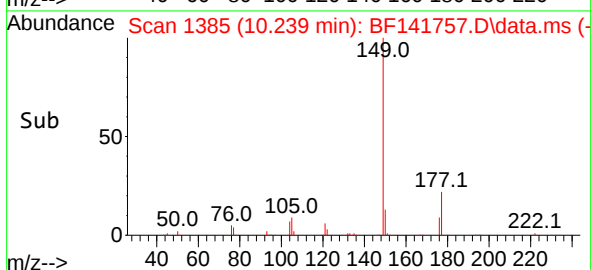
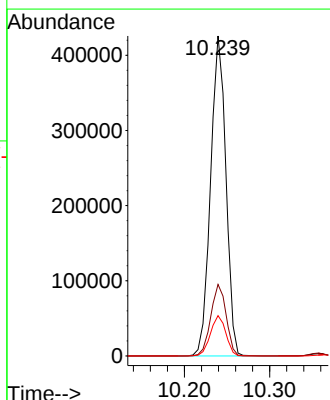
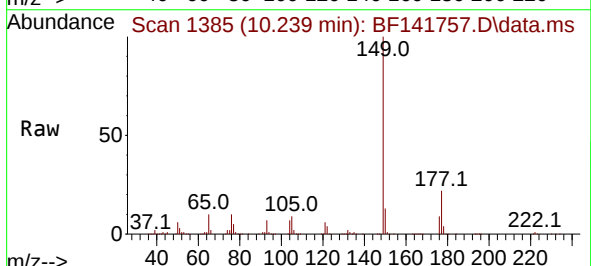
Instrument :
BNA_F
ClientSampleId :
PB166840BS

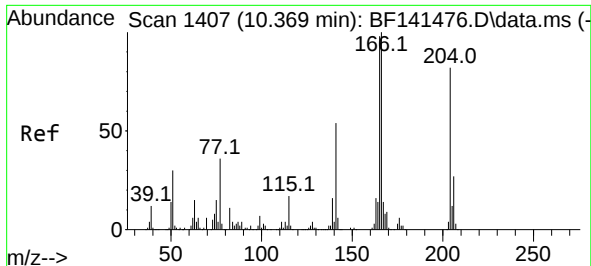
Tgt Ion:232 Resp: 135473
Ion Ratio Lower Upper
232 100
131 44.4 39.2 58.8
130 2.4 2.1 3.1
166 28.5 25.1 37.7



#60
Diethylphthalate
Concen: 41.804 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

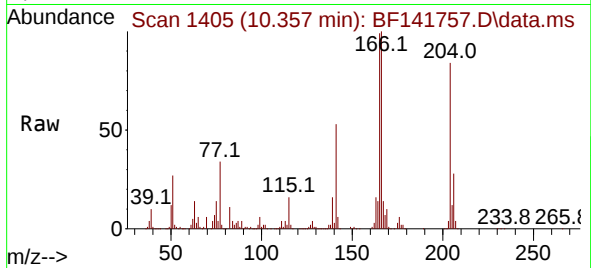
Tgt Ion:149 Resp: 532257
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.6 10.1 15.1



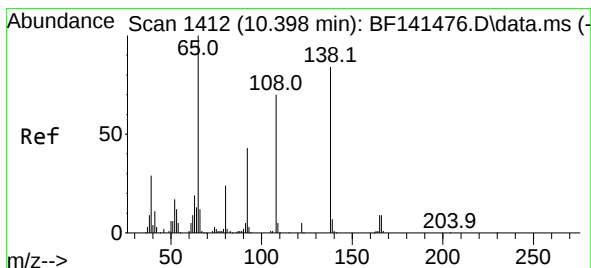
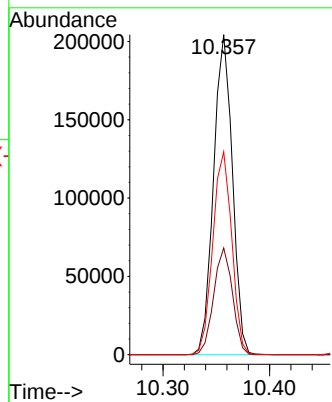
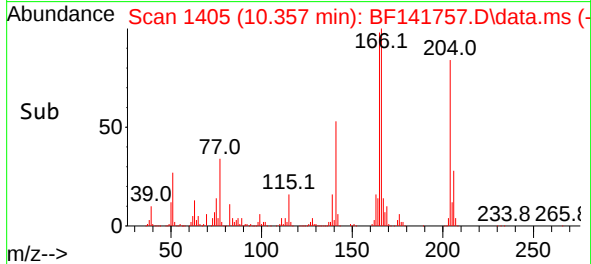


#61
4-Chlorophenyl-phenylether
Concen: 42.024 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Instrument :
BNA_F
ClientSampleId :
PB166840BS

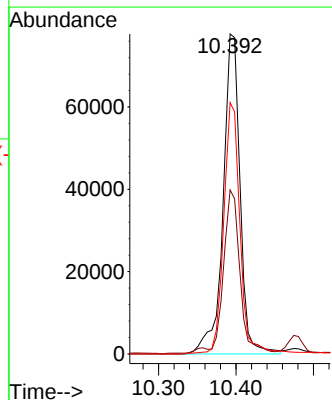
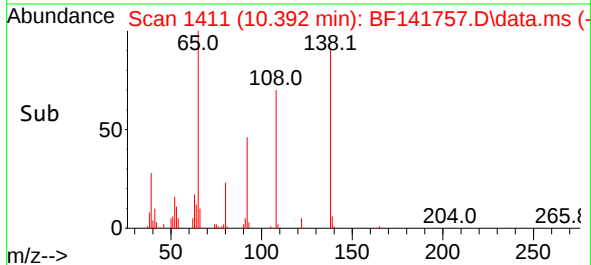
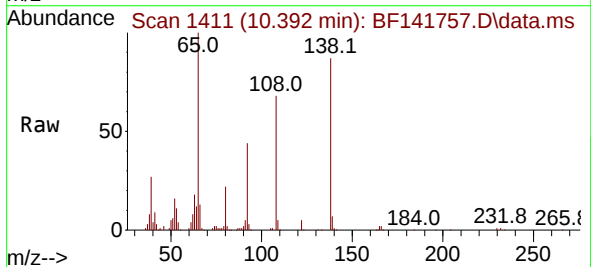


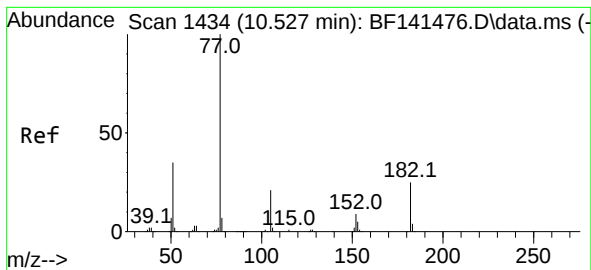
Tgt Ion:204 Resp: 250734
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 63.4 51.9 77.9



#62
4-Nitroaniline
Concen: 38.421 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:138 Resp: 118787
Ion Ratio Lower Upper
138 100
92 51.2 31.3 71.3
108 78.6 63.7 103.7





#63

Azobenzene

Concen: 39.542 ng

RT: 10.516 min Scan# 1432

Delta R.T. -0.017 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

Tgt Ion: 77 Resp: 500497

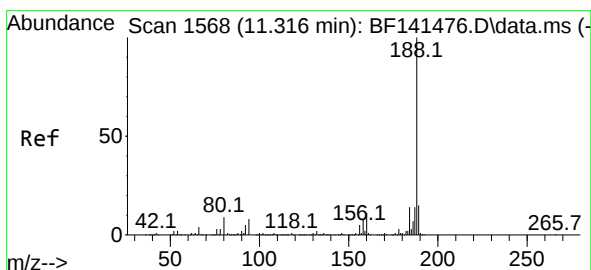
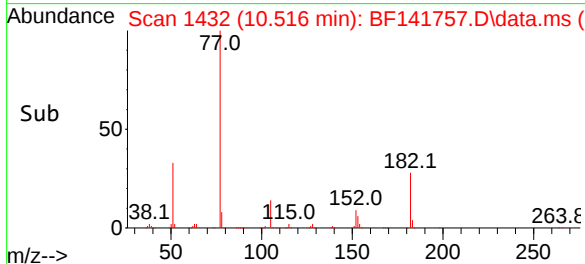
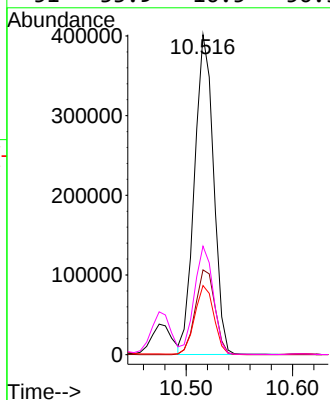
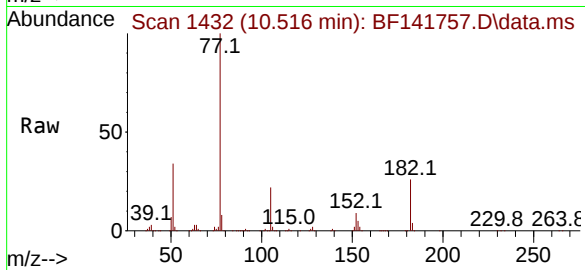
Ion Ratio Lower Upper

77 100

182 26.5 4.7 44.7

105 21.6 0.4 40.4

51 33.9 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1566

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

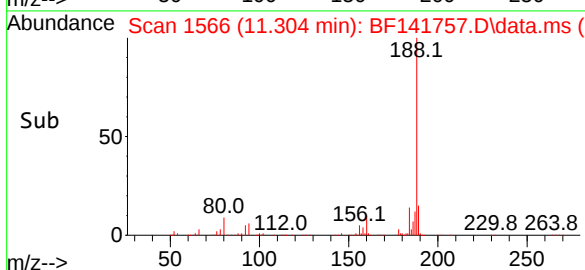
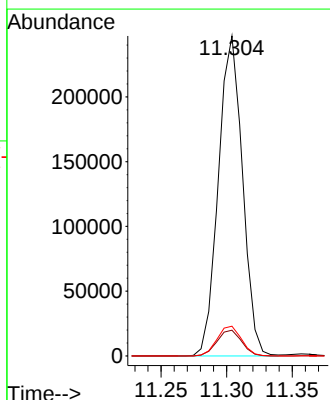
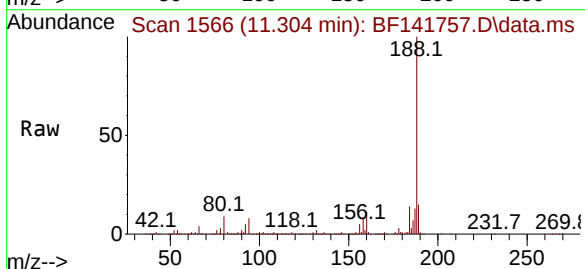
Tgt Ion:188 Resp: 316029

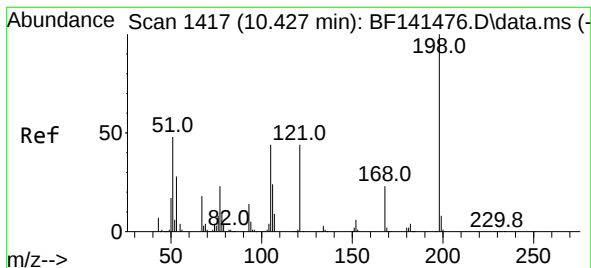
Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

80 9.3 7.3 10.9

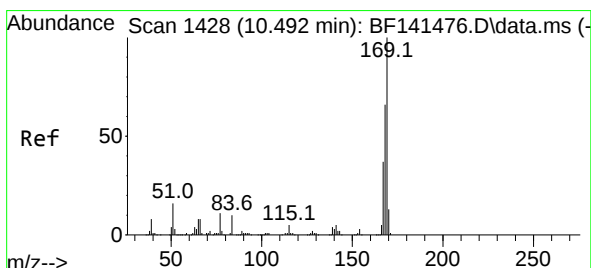
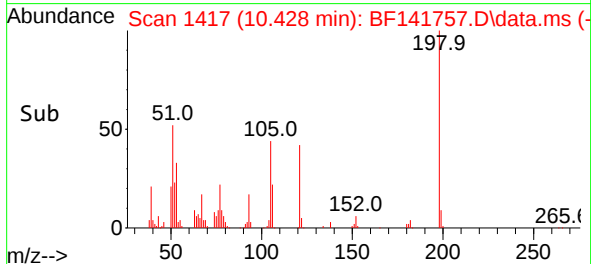
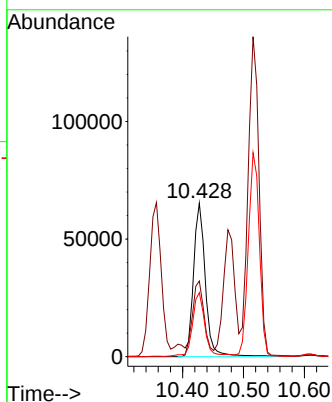
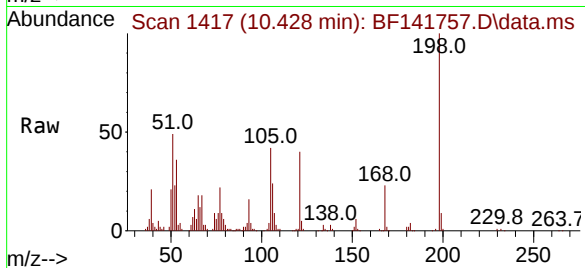




#65
4,6-Dinitro-2-methylphenol
Concen: 40.316 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

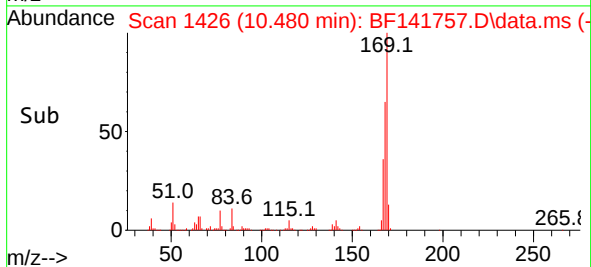
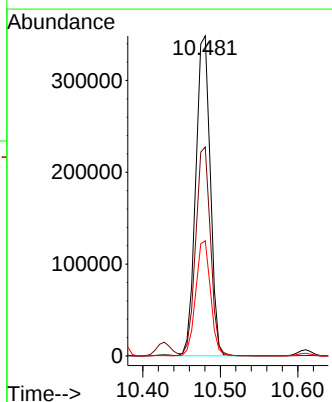
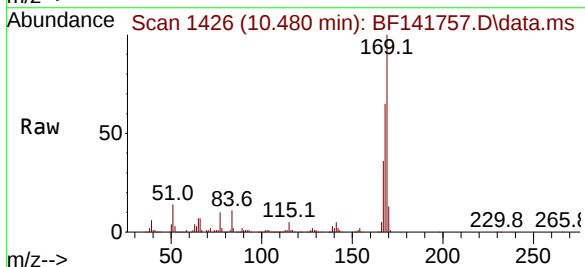
Instrument :
BNA_F
ClientSampleId :
PB166840BS

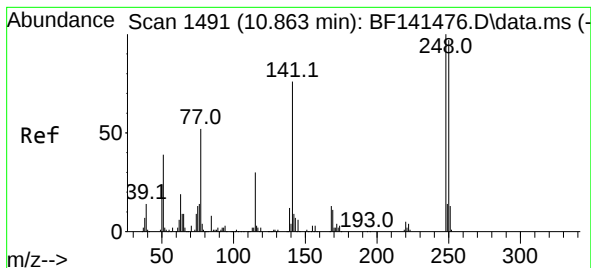
Tgt Ion:198 Resp: 88506
Ion Ratio Lower Upper
198 100
51 49.3 37.4 77.4
105 41.7 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 44.899 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:169 Resp: 454212
Ion Ratio Lower Upper
169 100
168 65.3 53.3 79.9
167 36.0 29.4 44.2

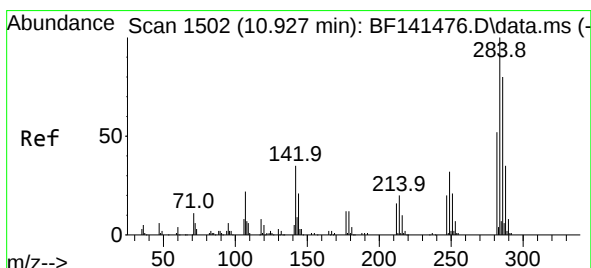
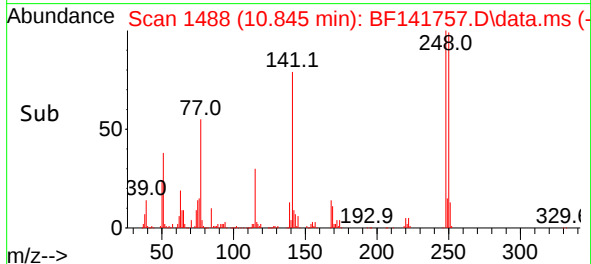
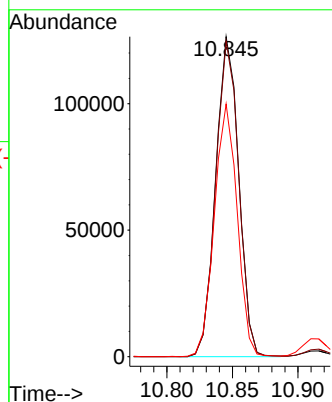
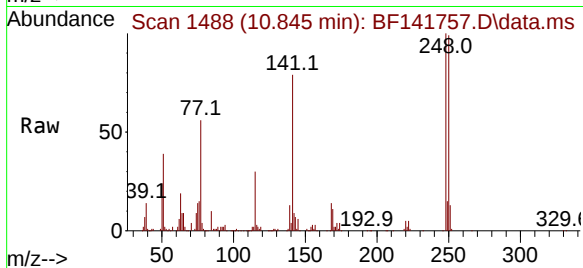




#67
4-Bromophenyl-phenylether
Concen: 43.825 ng
RT: 10.845 min Scan# 1491
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

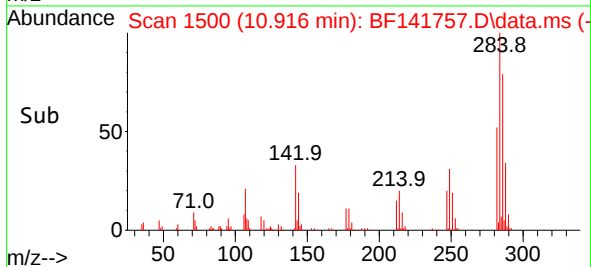
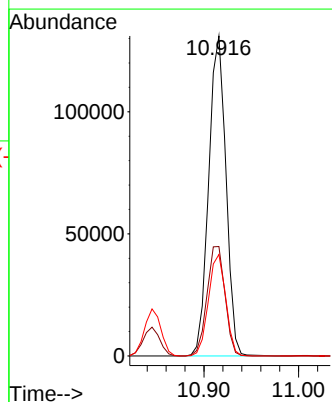
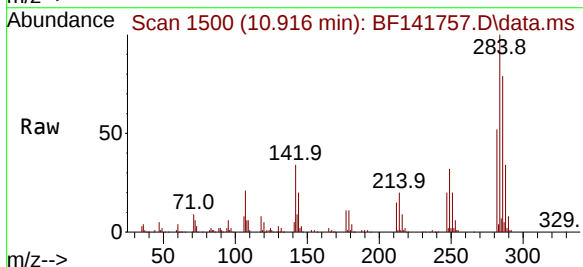
Instrument :
BNA_F
ClientSampleId :
PB166840BS

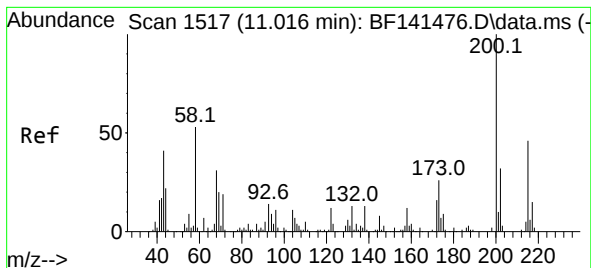
Tgt Ion:248 Resp: 154793
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.6
141 79.0 60.6 90.8



#68
Hexachlorobenzene
Concen: 45.524 ng
RT: 10.916 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:284 Resp: 165572
Ion Ratio Lower Upper
284 100
142 34.2 28.0 42.0
249 31.7 25.8 38.8





#69

Atrazine

Concen: 55.964 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

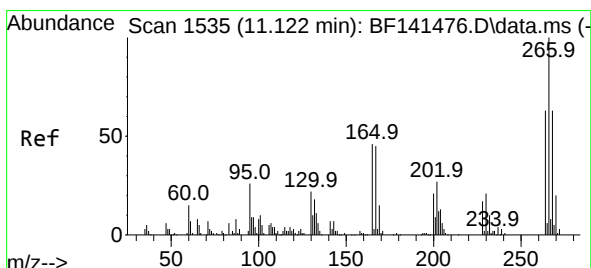
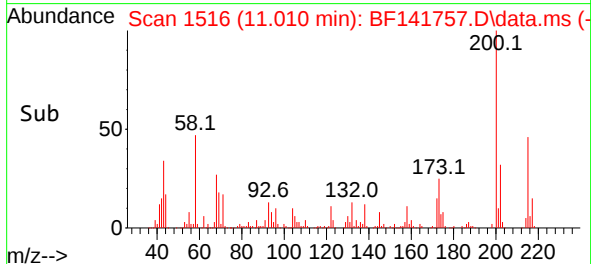
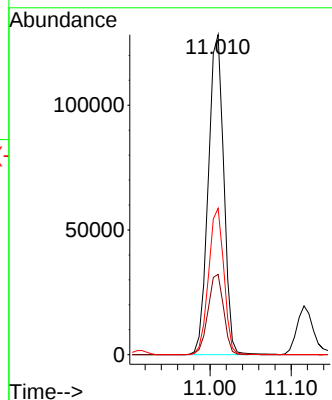
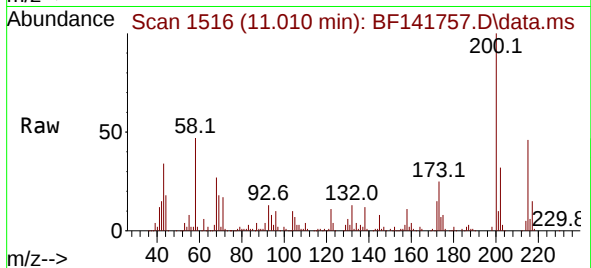
Tgt Ion:200 Resp: 169846

Ion Ratio Lower Upper

200 100

173 25.1 5.9 45.9

215 45.8 25.9 65.9



#70

Pentachlorophenol

Concen: 64.820 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

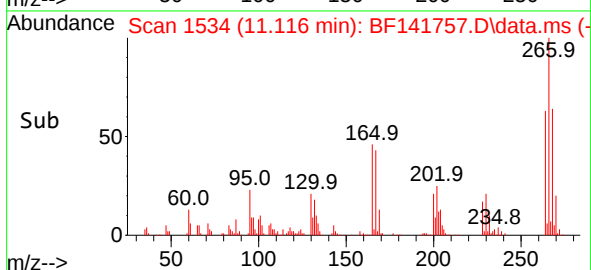
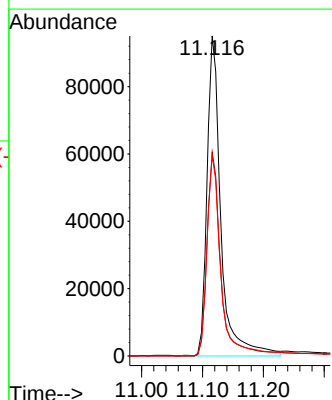
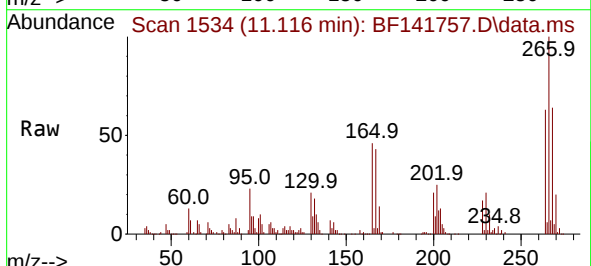
Tgt Ion:266 Resp: 150745

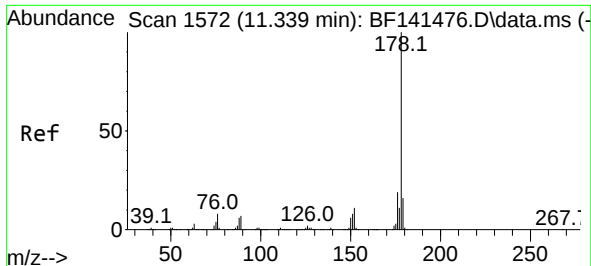
Ion Ratio Lower Upper

266 100

268 63.7 50.1 75.1

264 62.7 50.1 75.1

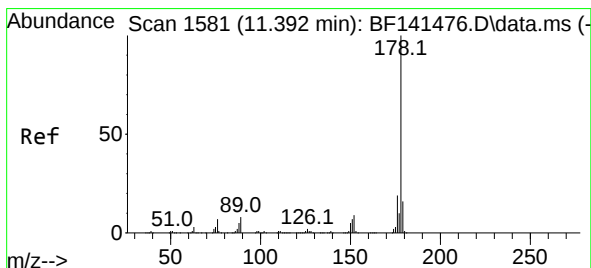
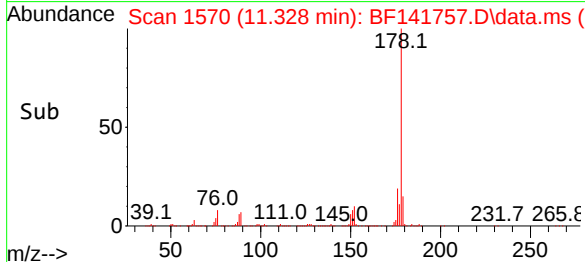
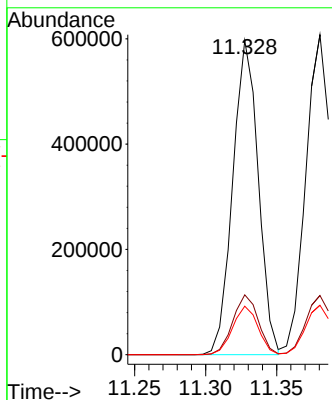
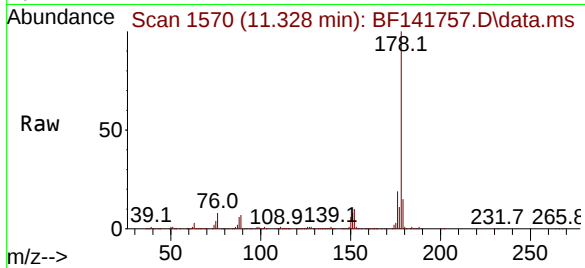




#71
Phenanthrene
Concen: 42.948 ng
RT: 11.328 min Scan# 1572
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

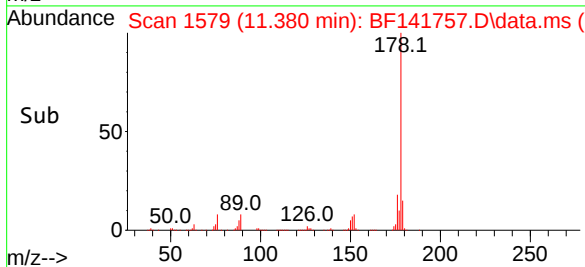
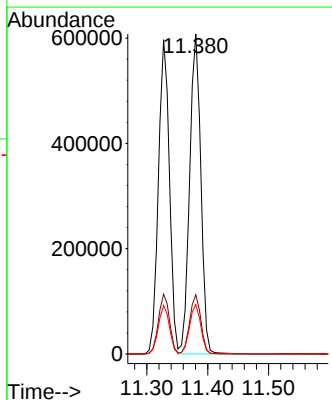
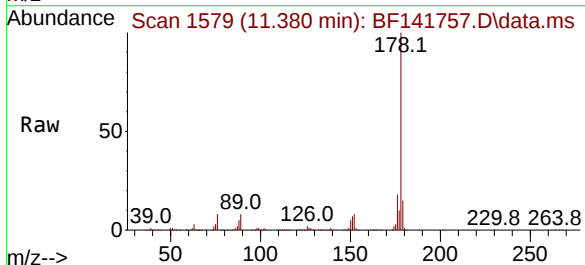
Instrument :
BNA_F
ClientSampleId :
PB166840BS

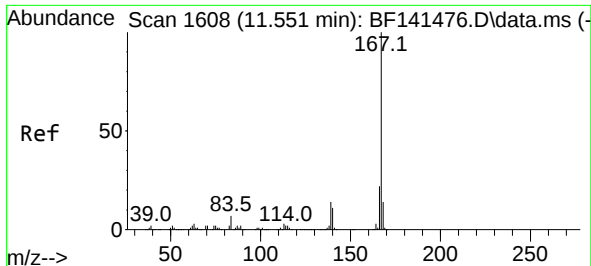
Tgt Ion:178 Resp: 747125
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 44.198 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:178 Resp: 772895
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.4 18.6

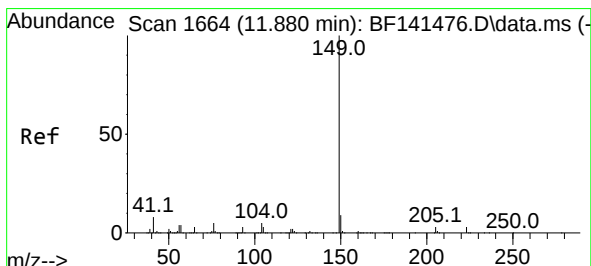
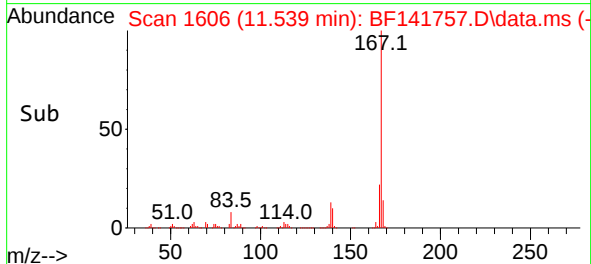
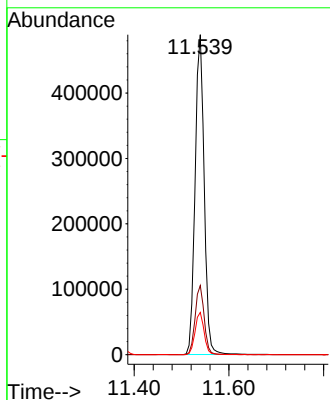
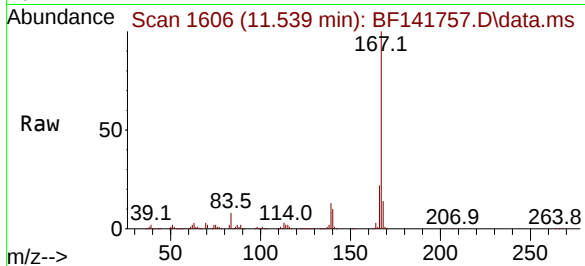




#73
Carbazole
Concen: 41.397 ng
RT: 11.539 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

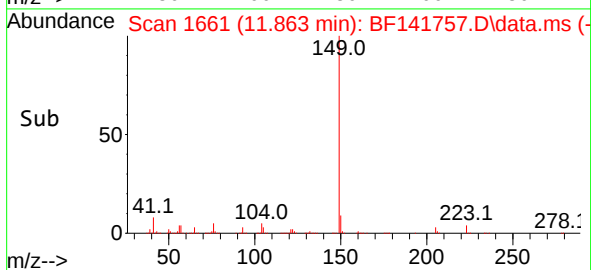
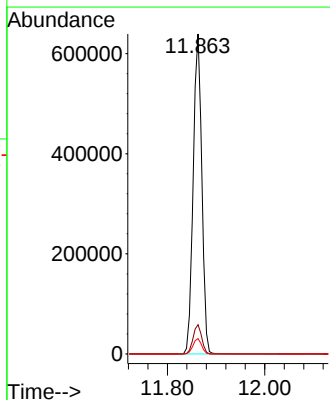
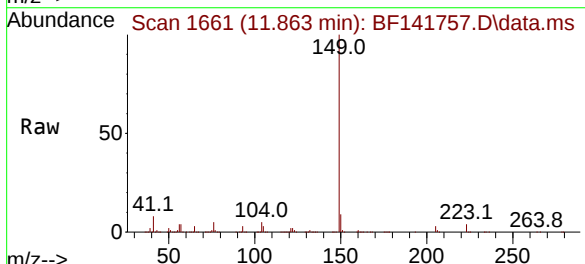
Instrument :
BNA_F
ClientSampleId :
PB166840BS

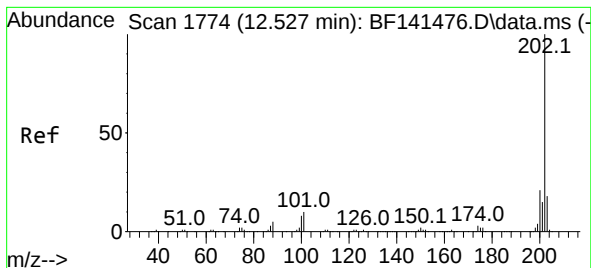
Tgt Ion:167 Resp: 651374
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.2 10.9 16.3



#74
Di-n-butylphthalate
Concen: 43.562 ng
RT: 11.863 min Scan# 1661
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:149 Resp: 791451
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.8 4.2 6.2





#75

Fluoranthene

Concen: 39.744 ng

RT: 12.516 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

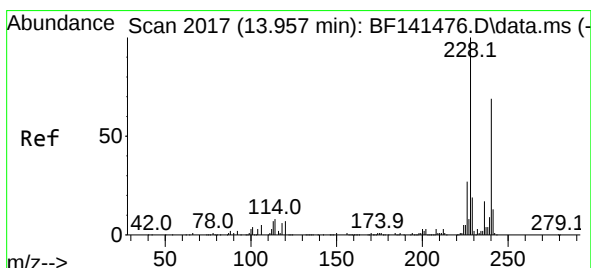
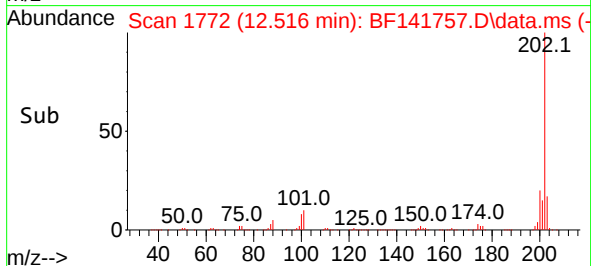
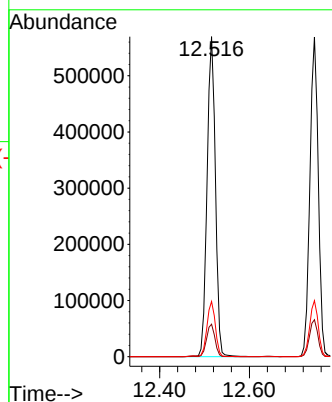
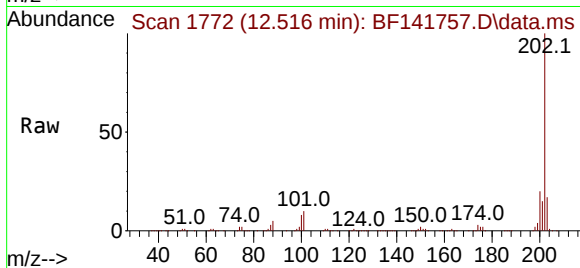
Tgt Ion:202 Resp: 733010

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.2

203 17.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.017 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

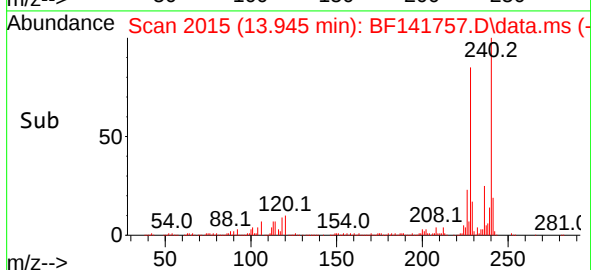
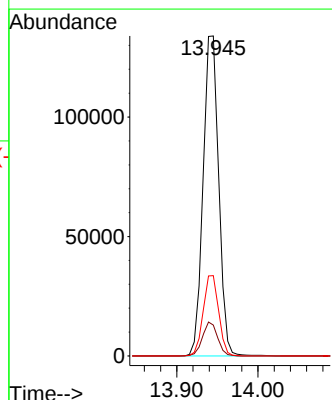
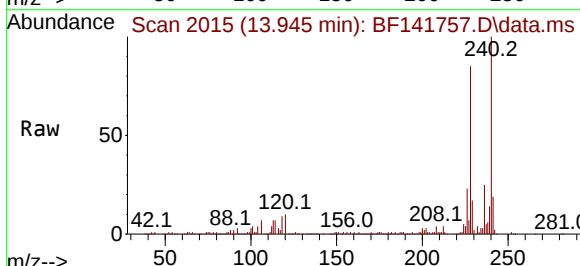
Tgt Ion:240 Resp: 178696

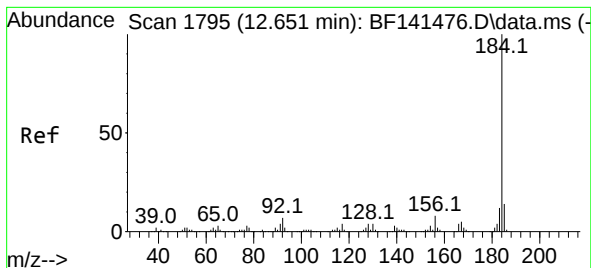
Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

236 25.1 19.8 29.8





#77

Benzidine

Concen: 48.773 ng

RT: 12.639 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

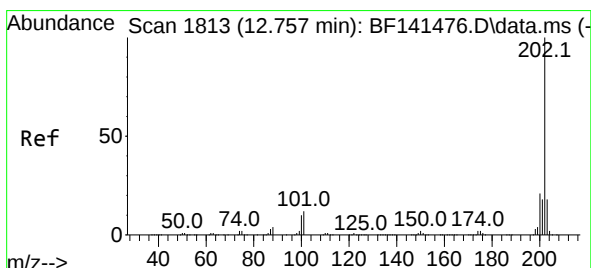
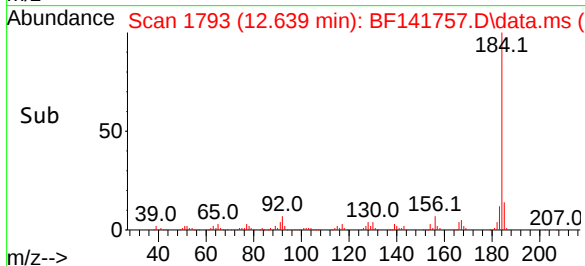
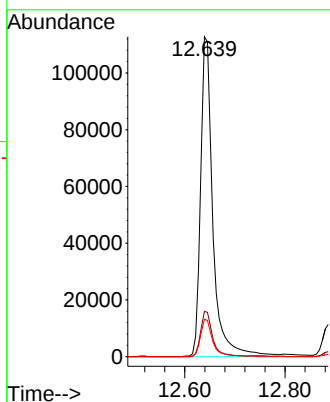
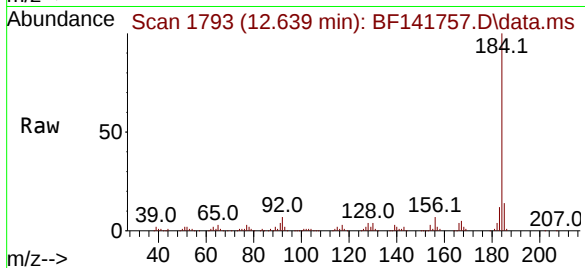
Tgt Ion:184 Resp: 192217

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

183 11.7 9.3 13.9



#78

Pyrene

Concen: 48.502 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.017 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

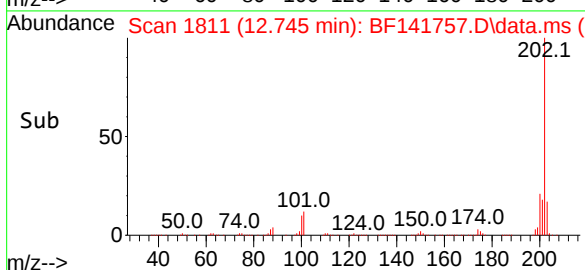
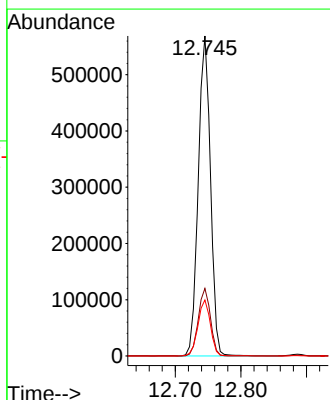
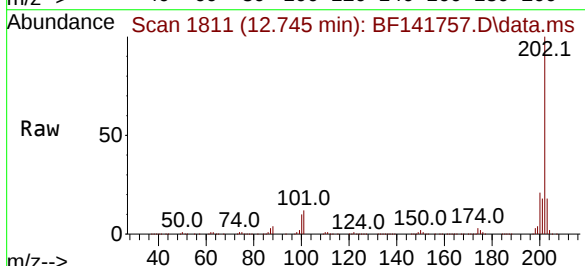
Tgt Ion:202 Resp: 737808

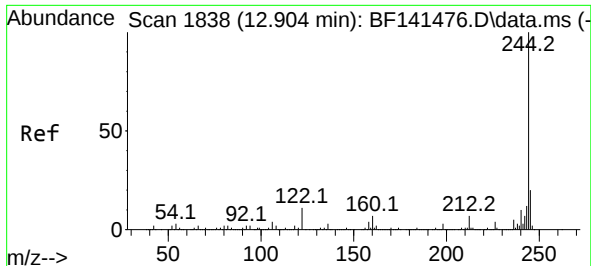
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

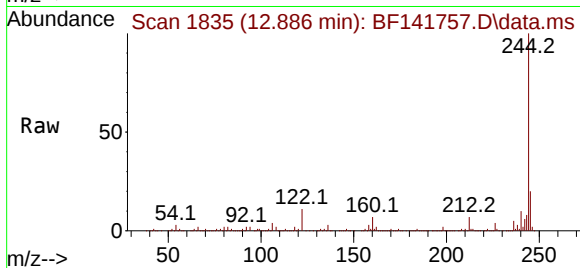
203 17.5 14.3 21.5



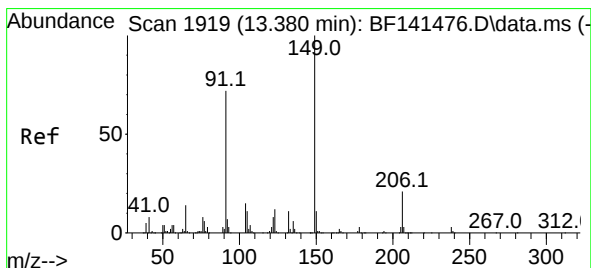
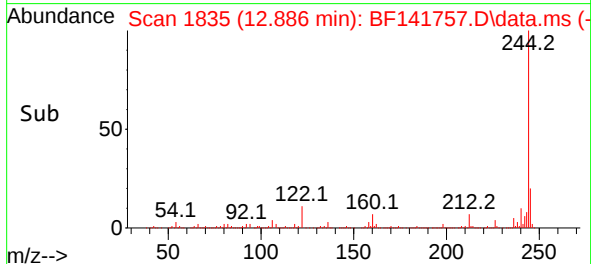
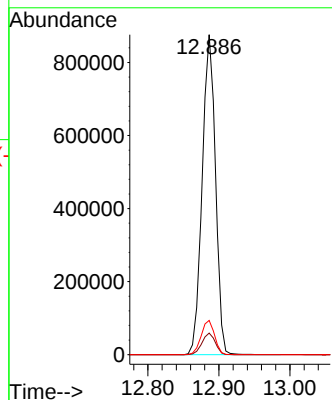


#79
 Terphenyl-d14
 Concen: 108.067 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.017 min
 Lab File: BF141757.D
 Acq: 25 Feb 2025 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB166840BS

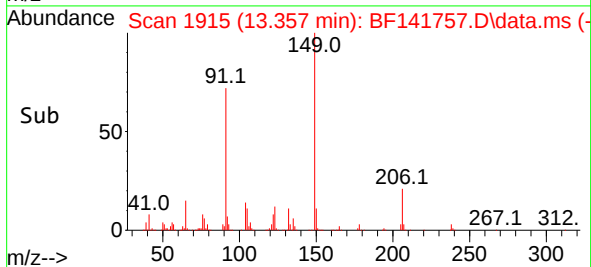
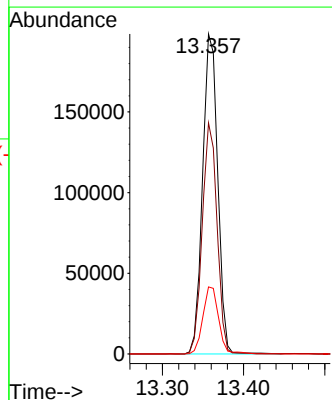
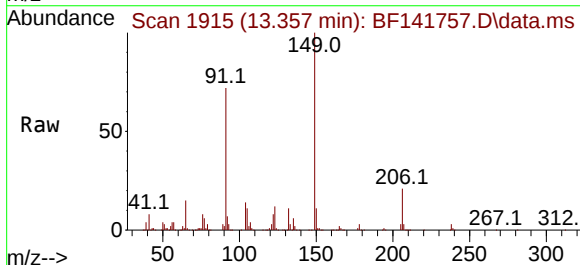


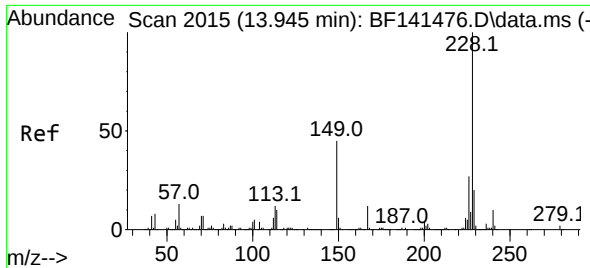
Tgt Ion:244 Resp: 1143911
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.7 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 48.603 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.023 min
 Lab File: BF141757.D
 Acq: 25 Feb 2025 11:33

Tgt Ion:149 Resp: 256086
 Ion Ratio Lower Upper
 149 100
 91 72.2 57.8 86.8
 206 20.9 16.7 25.1

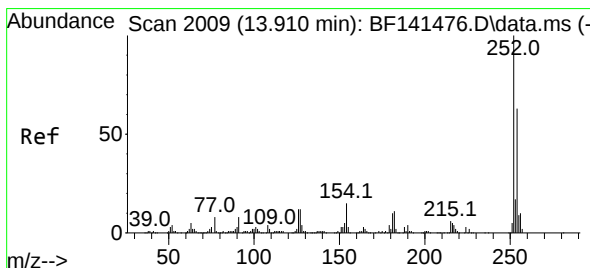
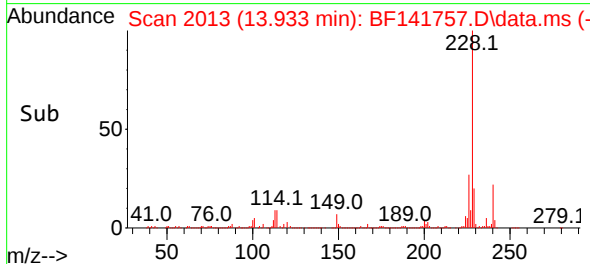
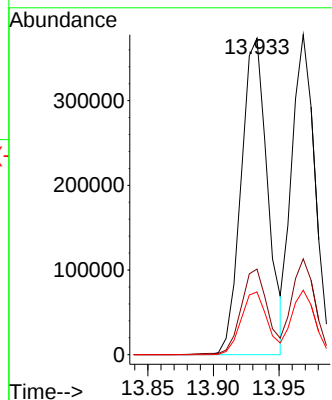
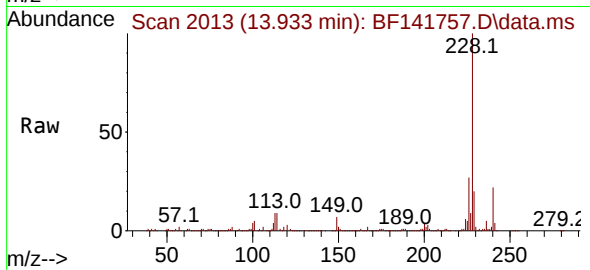




#81
Benzo(a)anthracene
Concen: 44.130 ng
RT: 13.933 min Scan# 2007
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

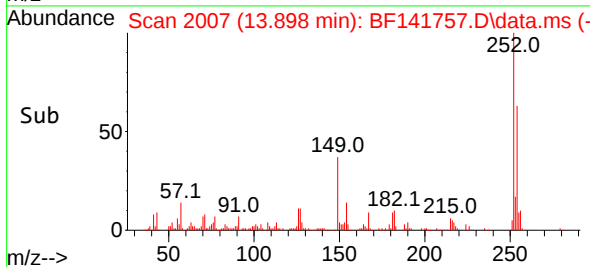
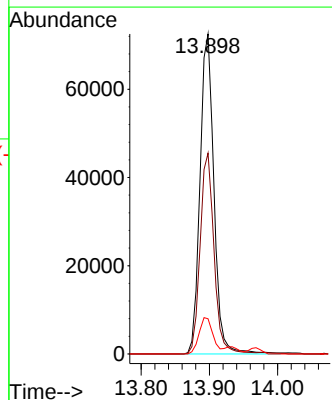
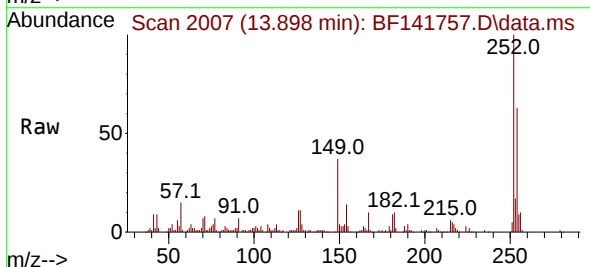
Instrument :
BNA_F
ClientSampleId :
PB166840BS

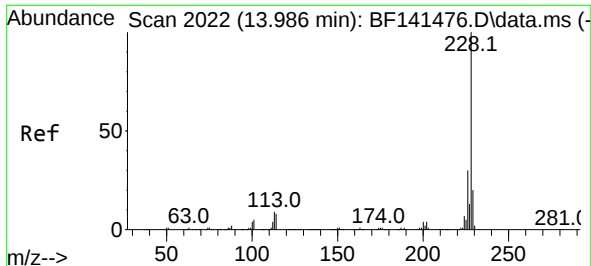
Tgt Ion:228 Resp: 524204
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 30.365 ng
RT: 13.898 min Scan# 2007
Delta R.T. -0.017 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:252 Resp: 103323
Ion Ratio Lower Upper
252 100
254 62.7 50.6 76.0
126 11.0 9.3 13.9

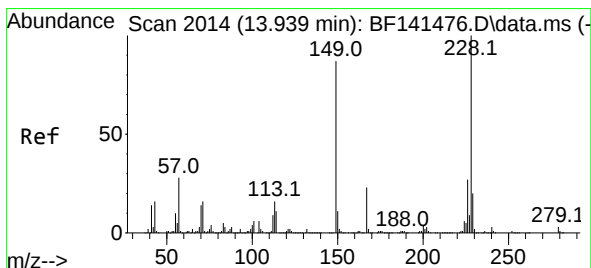
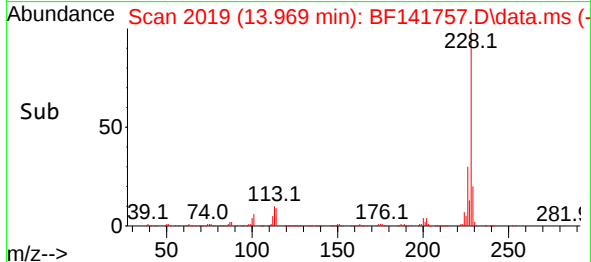
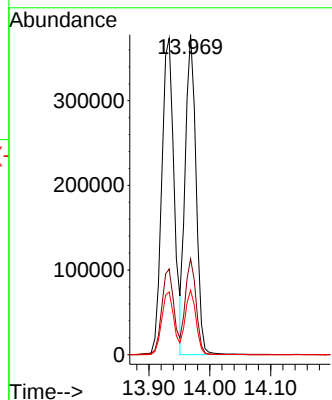
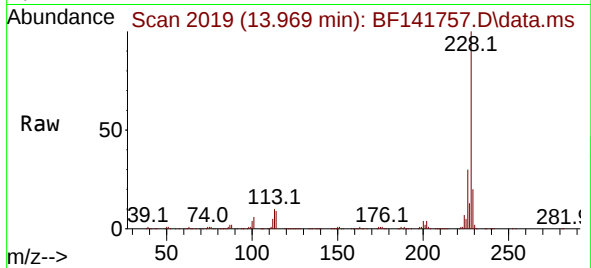




#83
Chrysene
Concen: 42.370 ng
RT: 13.969 min Scan# 2010
Delta R.T. -0.023 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

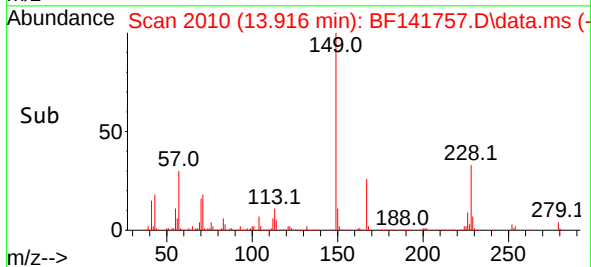
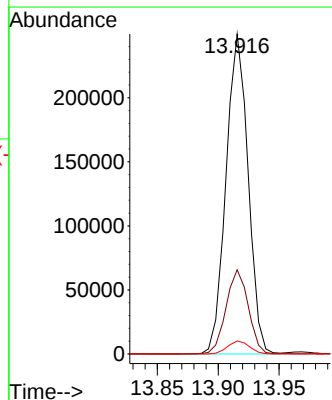
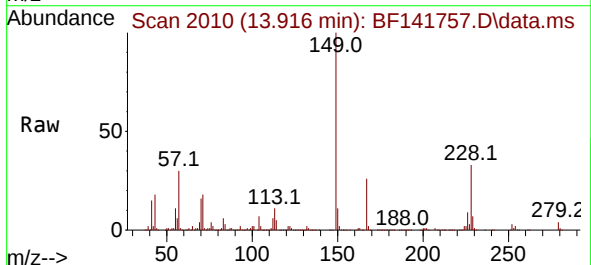
Instrument :
BNA_F
ClientSampleId :
PB166840BS

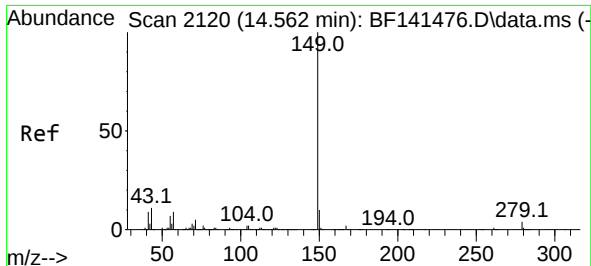
Tgt Ion:228 Resp: 464718
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 20.2 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.069 ng
RT: 13.916 min Scan# 2010
Delta R.T. -0.023 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:149 Resp: 315365
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.0
279 4.0 3.1 4.7

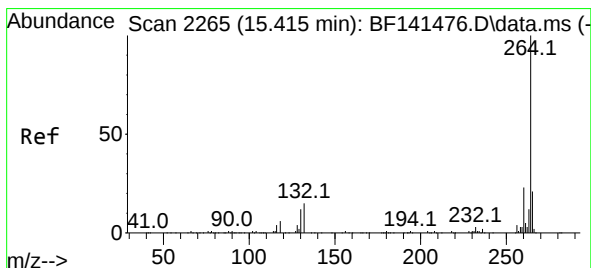
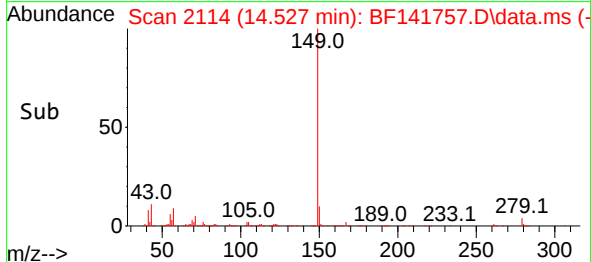
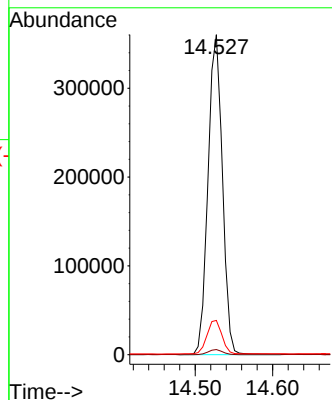
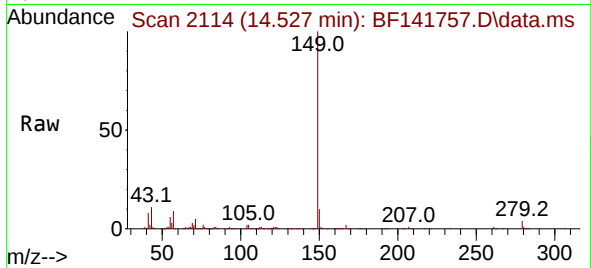




#85
Di-n-octyl phthalate
Concen: 54.805 ng
RT: 14.527 min Scan# 2114
Delta R.T. -0.035 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

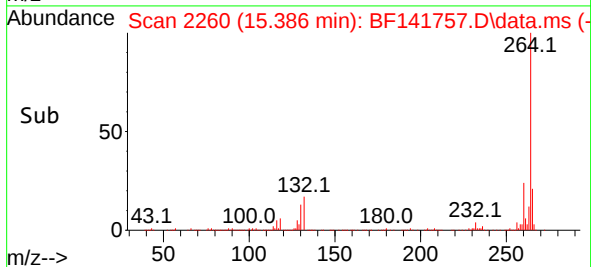
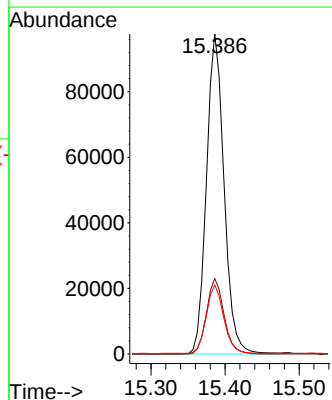
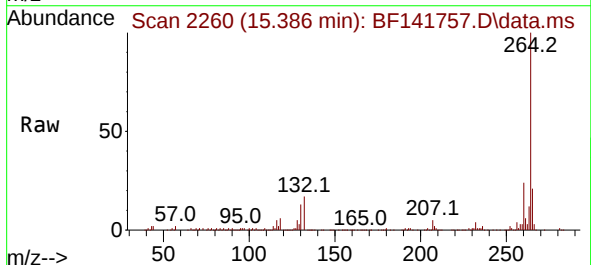
Instrument :
BNA_F
ClientSampleId :
PB166840BS

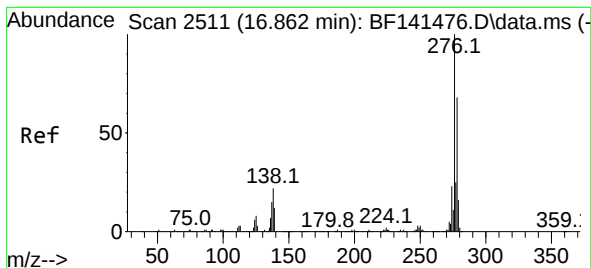
Tgt Ion:149 Resp: 464610
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 2260
Delta R.T. -0.029 min
Lab File: BF141757.D
Acq: 25 Feb 2025 11:33

Tgt Ion:264 Resp: 160920
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.926 ng

RT: 16.827 min Scan# 2189

Delta R.T. -0.047 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

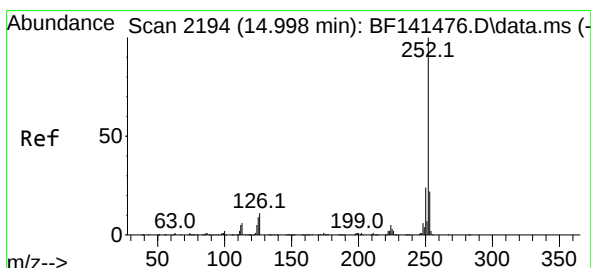
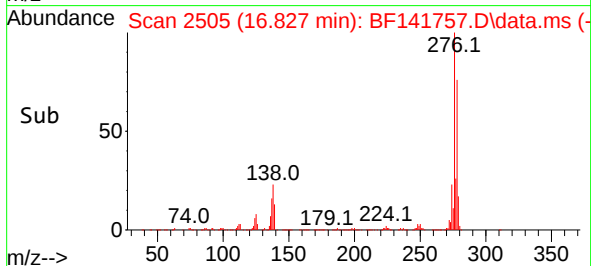
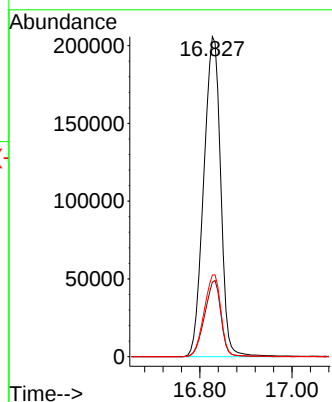
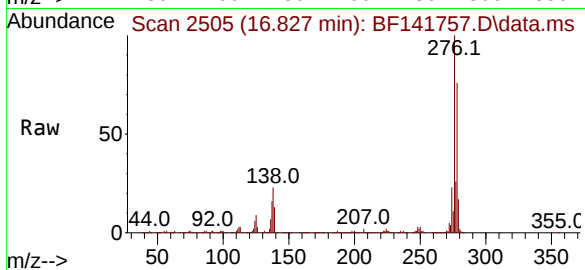
Tgt Ion:276 Resp: 526252

Ion Ratio Lower Upper

276 100

138 23.0 18.0 27.0

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 39.020 ng

RT: 14.968 min Scan# 2189

Delta R.T. -0.035 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

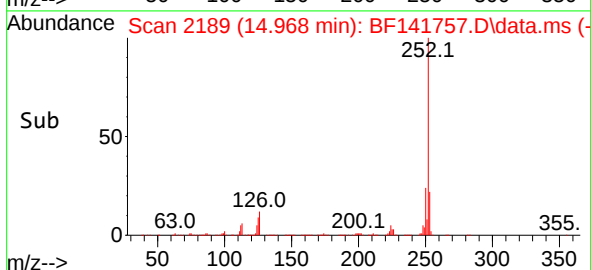
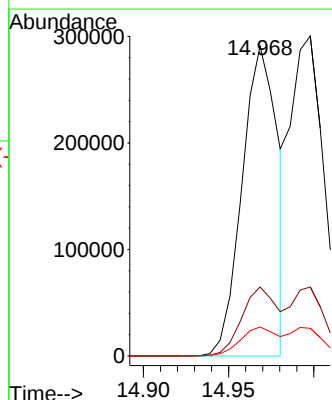
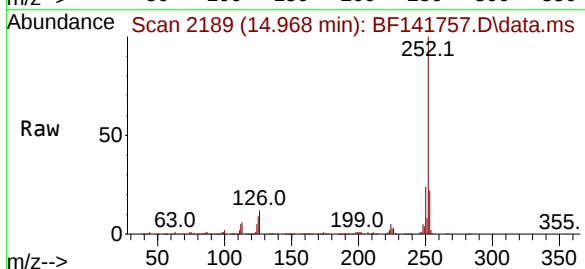
Tgt Ion:252 Resp: 421609

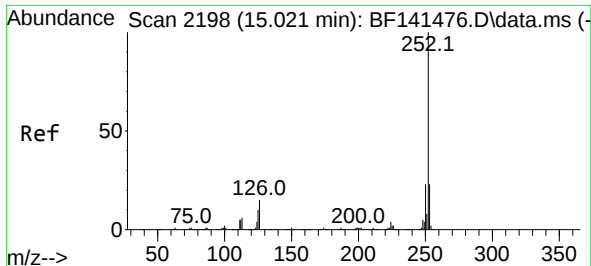
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 44.838 ng

RT: 14.998 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166840BS

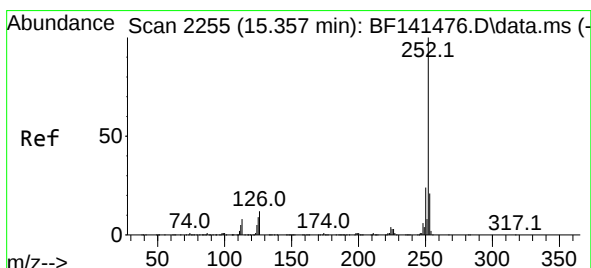
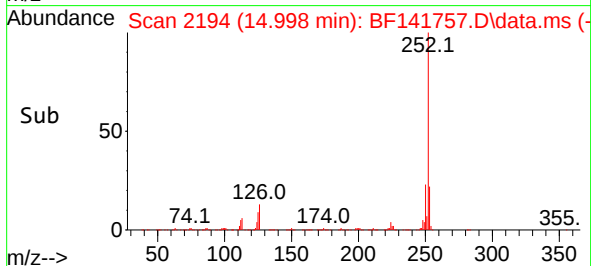
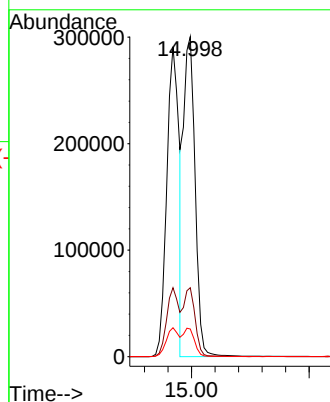
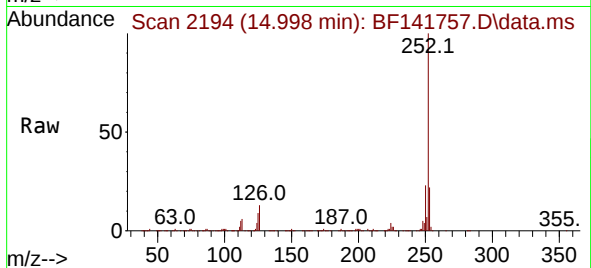
Tgt Ion:252 Resp: 413697

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 8.6 7.4 11.0



#90

Benzo(a)pyrene

Concen: 46.653 ng

RT: 15.327 min Scan# 2250

Delta R.T. -0.035 min

Lab File: BF141757.D

Acq: 25 Feb 2025 11:33

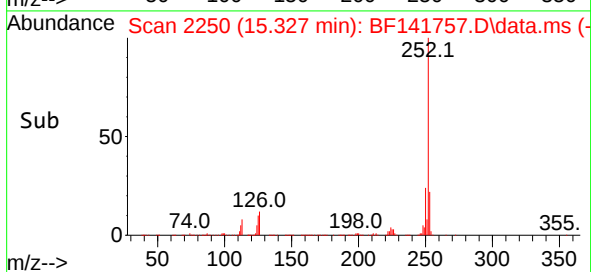
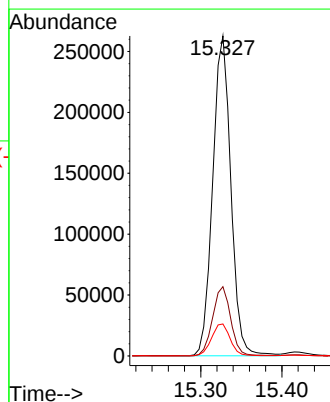
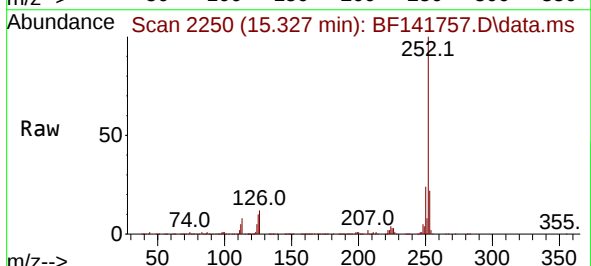
Tgt Ion:252 Resp: 407894

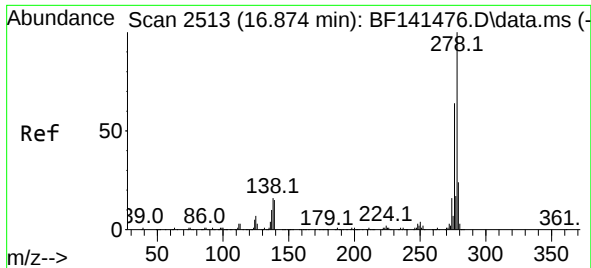
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.0 7.4 11.2

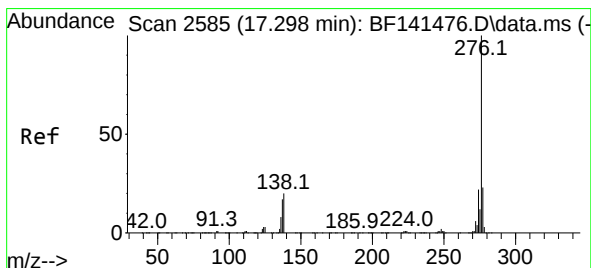
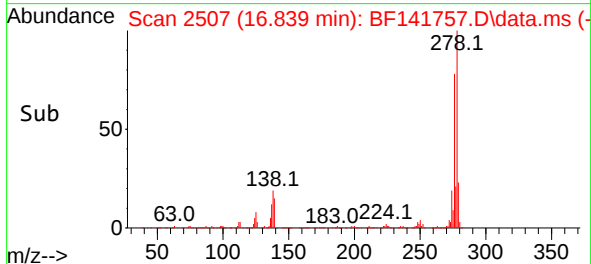
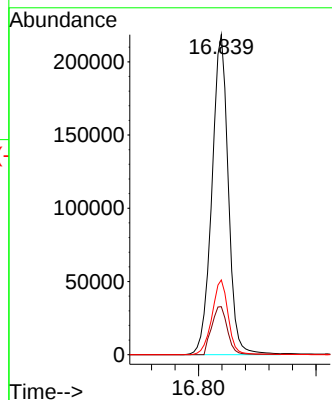
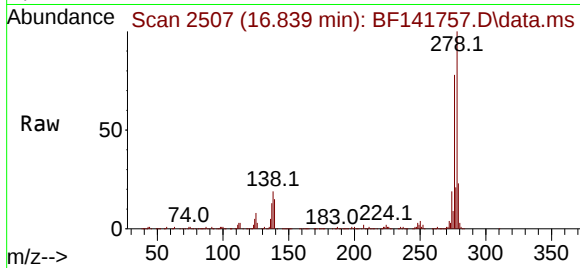




#91
 Dibenzo(a,h)anthracene
 Concen: 52.513 ng
 RT: 16.839 min Scan# 21
 Delta R.T. -0.053 min
 Lab File: BF141757.D
 Acq: 25 Feb 2025 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB166840BS

Tgt Ion:278 Resp: 423083
 Ion Ratio Lower Upper
 278 100
 139 15.0 11.8 17.6
 279 23.3 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 49.162 ng
 RT: 17.257 min Scan# 2578
 Delta R.T. -0.059 min
 Lab File: BF141757.D
 Acq: 25 Feb 2025 11:33

Tgt Ion:276 Resp: 414484
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 28.0
 138 20.3 15.9 23.9

