

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141759.D
 Acq On : 25 Feb 2025 12:33
 Operator : RC/JU
 Sample : PB166843BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166843BS

Quant Time: Feb 25 12:55:04 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	85143	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	336134	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	184958	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	306537	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	174594	20.000	ng	-0.02
86) Perylene-d12	15.386	264	161008	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	808902	148.944	ng	0.00
7) Phenol-d6	6.434	99	971994	141.602	ng	0.00
23) Nitrobenzene-d5	7.351	82	646457	100.311	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	277487	149.348	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1234138	102.800	ng	-0.01
79) Terphenyl-d14	12.886	244	1281986	123.957	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	92725	42.421	ng	97
3) Pyridine	3.310	79	220546	42.401	ng	94
4) n-Nitrosodimethylamine	3.251	42	135718	39.406	ng	89
6) Aniline	6.445	93	221597	34.415	ng	# 62
8) 2-Chlorophenol	6.575	128	275729	46.986	ng	98
9) Benzaldehyde	6.334	77	113803	31.199	ng	97
10) Phenol	6.445	94	316942	44.363	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	252135	46.986	ng	98
12) 1,3-Dichlorobenzene	6.722	146	287923	46.474	ng	97
13) 1,4-Dichlorobenzene	6.798	146	292544	46.217	ng	99
14) 1,2-Dichlorobenzene	6.951	146	282098	48.018	ng	98
15) Benzyl Alcohol	6.934	79	233511	44.361	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	386151	42.037	ng	57
17) 2-Methylphenol	7.051	107	213037	46.390	ng	93
18) Hexachloroethane	7.286	117	110091	46.995	ng	100
19) n-Nitroso-di-n-propyla...	7.198	70	186928	45.526	ng	94
20) 3+4-Methylphenols	7.204	107	277148	47.488	ng	# 79
22) Acetophenone	7.192	105	418105	50.004	ng	# 91
24) Nitrobenzene	7.369	77	282640	44.976	ng	97
25) Isophorone	7.604	82	502546	48.907	ng	98
26) 2-Nitrophenol	7.681	139	147799	47.273	ng	94
27) 2,4-Dimethylphenol	7.728	122	221456	60.632	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	313856	47.667	ng	100
29) 2,4-Dichlorophenol	7.934	162	232656	47.145	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	251271	46.757	ng	99
31) Naphthalene	8.086	128	782110	44.700	ng	100
32) Benzoic acid	7.875	122	147025	38.754	ng	97
33) 4-Chloroaniline	8.139	127	95751	15.674	ng	98
34) Hexachlorobutadiene	8.198	225	152740	47.343	ng	99
35) Caprolactam	8.516	113	53287	35.464	ng	87
36) 4-Chloro-3-methylphenol	8.633	107	244950	44.809	ng	99
37) 2-Methylnaphthalene	8.775	142	506332	44.470	ng	99
38) 1-Methylnaphthalene	8.875	142	487905	44.244	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	276292	51.633	ng	98
41) Hexachlorocyclopentadiene	8.928	237	246201	138.330	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	160656	46.453	ng	98

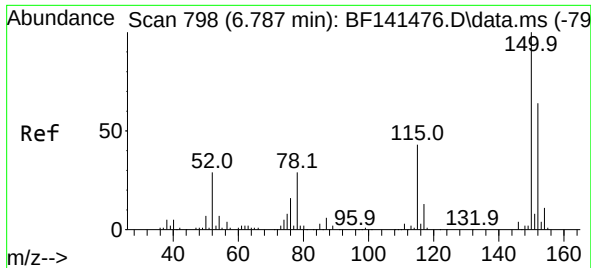
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 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	168110	44.851	ng	98
46) 1,1'-Biphenyl	9.239	154	734406	51.216	ng	100
47) 2-Chloronaphthalene	9.263	162	496962	46.867	ng	99
48) 2-Nitroaniline	9.369	65	156503	43.979	ng	95
49) Acenaphthylene	9.680	152	764699	48.486	ng	99
50) Dimethylphthalate	9.539	163	595890	47.457	ng	99
51) 2,6-Dinitrotoluene	9.610	165	130785	47.647	ng	93
52) Acenaphthene	9.851	154	472414	44.554	ng	100
53) 3-Nitroaniline	9.780	138	70383	23.824	ng	99
54) 2,4-Dinitrophenol	9.898	184	130002	79.689	ng	90
55) Dibenzofuran	10.022	168	680298	43.711	ng	100
56) 4-Nitrophenol	9.963	139	166137	75.754	ng	93
57) 2,4-Dinitrotoluene	10.016	165	169824	46.475	ng	98
58) Fluorene	10.369	166	552669	45.927	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	144579	44.804	ng	94
60) Diethylphthalate	10.239	149	573548	46.426	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	270766	46.771	ng	97
62) 4-Nitroaniline	10.398	138	124137	41.381	ng	96
63) Azobenzene	10.516	77	533817	43.465	ng	96
65) 4,6-Dinitro-2-methylph...	10.427	198	94855	44.546	ng	93
66) n-Nitrosodiphenylamine	10.480	169	480631	48.981	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	168233	49.105	ng	99
68) Hexachlorobenzene	10.916	284	177087	50.198	ng	96
69) Atrazine	11.010	200	181802	61.758	ng	99
70) Pentachlorophenol	11.116	266	170223	75.462	ng	99
71) Phenanthrene	11.327	178	799740	47.396	ng	100
72) Anthracene	11.380	178	825499	48.668	ng	100
73) Carbazole	11.539	167	702206	46.010	ng	99
74) Di-n-butylphthalate	11.863	149	854929	48.513	ng	100
75) Fluoranthene	12.516	202	790284	44.177	ng	100
77) Benzidine	12.639	184	176064	45.724	ng	99
78) Pyrene	12.745	202	787684	52.997	ng	100
80) Butylbenzylphthalate	13.357	149	280994	54.583	ng	100
81) Benzo(a)anthracene	13.933	228	564926	48.676	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	107204	32.246	ng	99
83) Chrysene	13.968	228	502243	46.867	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	343284	59.124	ng	100
85) Di-n-octyl phthalate	14.527	149	496883	59.989	ng	97
87) Indeno(1,2,3-cd)pyrene	16.827	276	553138	55.600	ng	99
88) Benzo(b)fluoranthene	14.968	252	445694	41.226	ng	100
89) Benzo(k)fluoranthene	14.998	252	448598	48.594	ng	99
90) Benzo(a)pyrene	15.327	252	437602	50.024	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	447660	55.533	ng	99
92) Benzo(g,h,i)perylene	17.256	276	436900	51.792	ng	99

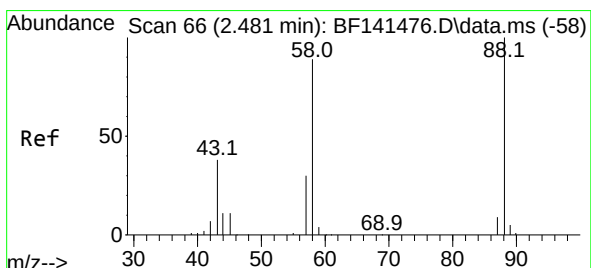
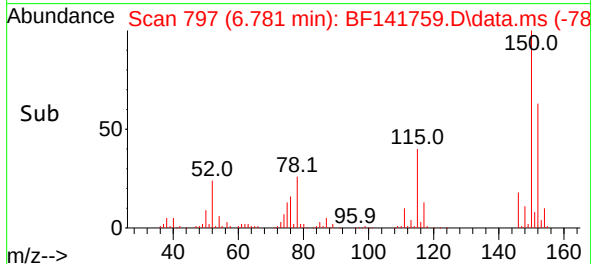
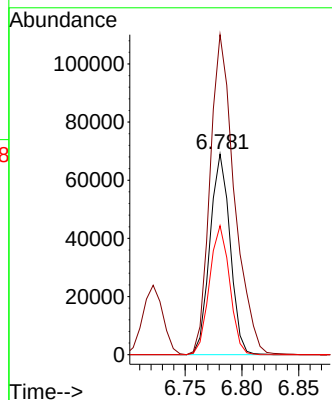
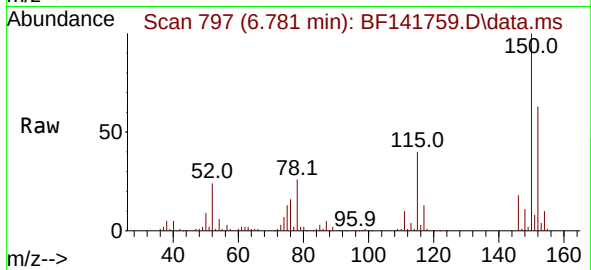
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141759.D
 Acq: 25 Feb 2025 12:33

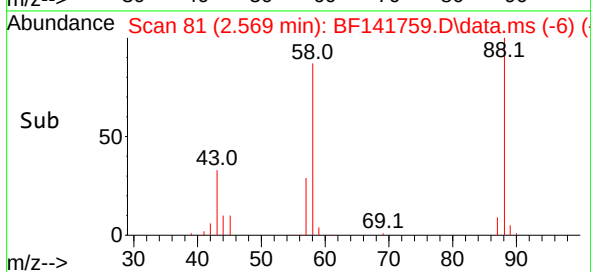
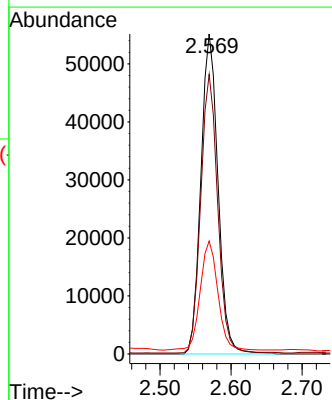
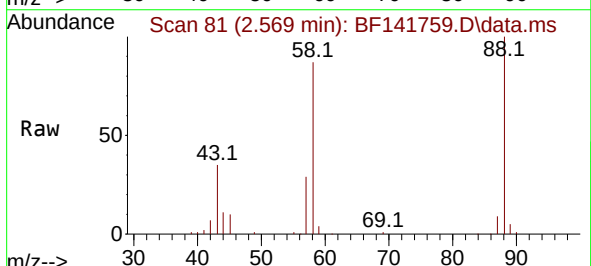
Instrument :
 BNA_F
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 PB166843BS

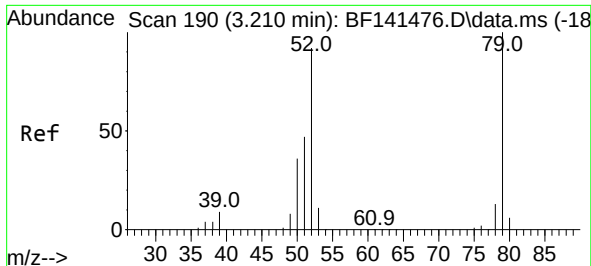
Tgt Ion:152 Resp: 85143
 Ion Ratio Lower Upper
 152 100
 150 159.5 125.0 187.4
 115 64.3 53.6 80.4



#2
 1,4-Dioxane
 Concen: 42.421 ng
 RT: 2.569 min Scan# 81
 Delta R.T. 0.088 min
 Lab File: BF141759.D
 Acq: 25 Feb 2025 12:33

Tgt Ion: 88 Resp: 92725
 Ion Ratio Lower Upper
 88 100
 58 86.3 71.1 106.7
 43 35.6 30.6 46.0





#3

Pyridine

Concen: 42.401 ng

RT: 3.310 min Scan# 20

Delta R.T. 0.094 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

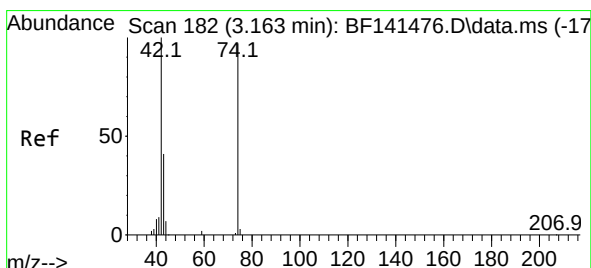
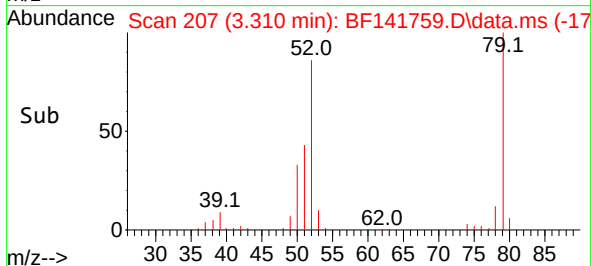
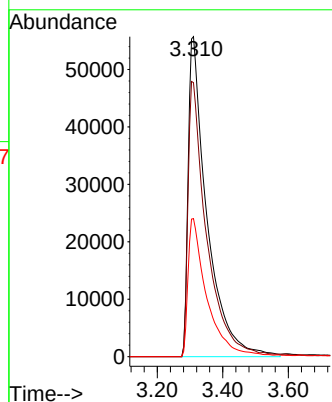
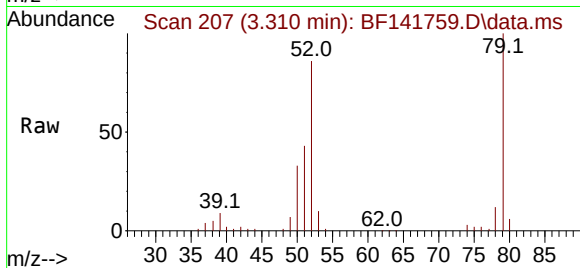
Tgt Ion: 79 Resp: 220546

Ion Ratio Lower Upper

79 100

52 85.7 73.7 110.5

51 43.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 39.406 ng

RT: 3.251 min Scan# 197

Delta R.T. 0.065 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

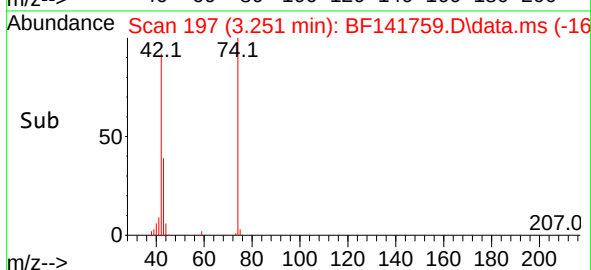
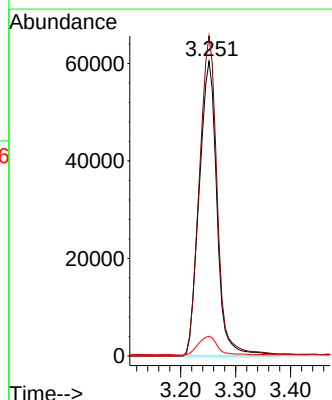
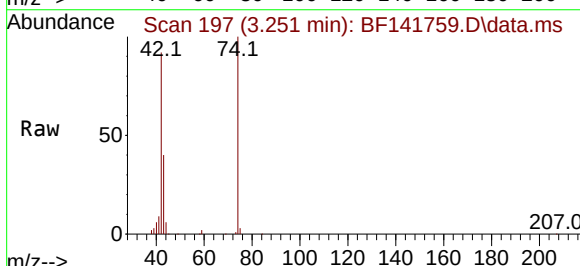
Tgt Ion: 42 Resp: 135718

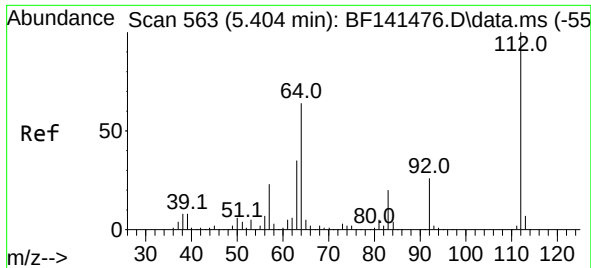
Ion Ratio Lower Upper

42 100

74 108.6 78.0 117.0

44 6.7 5.4 8.2

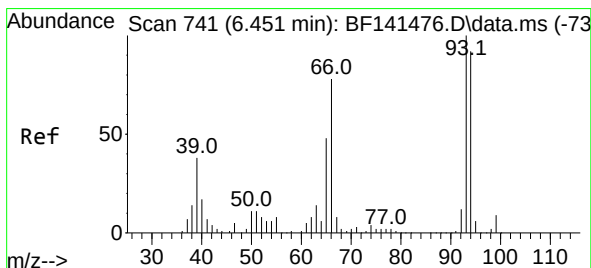
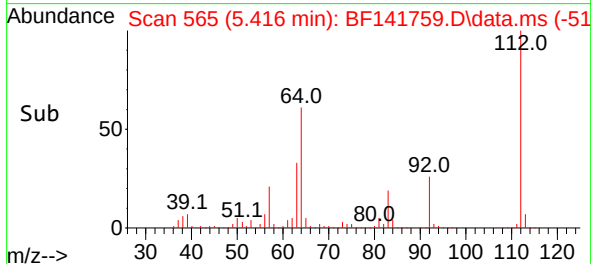
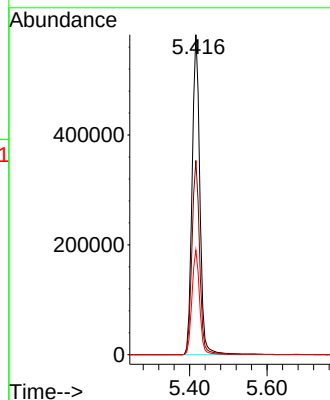
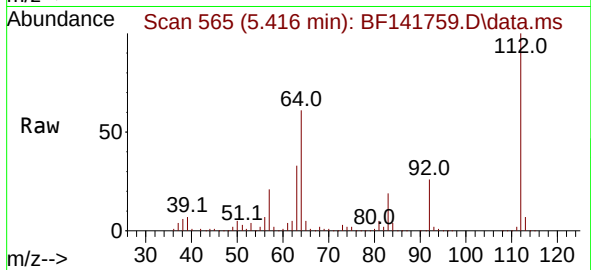




#5
2-Fluorophenol
Concen: 148.944 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

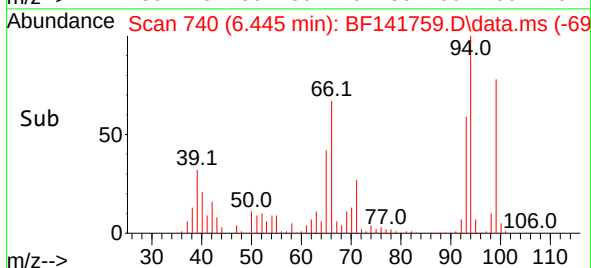
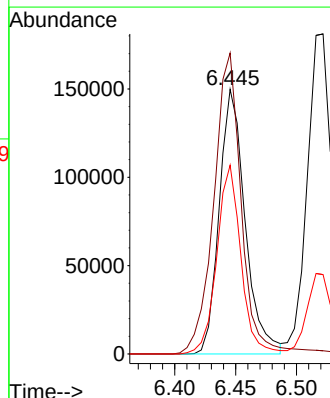
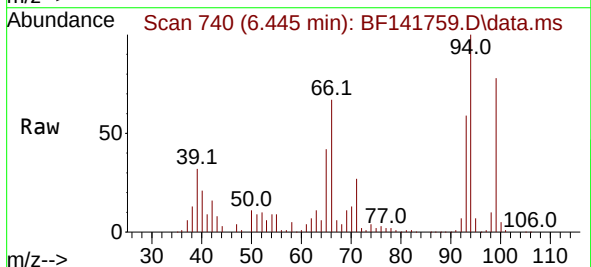
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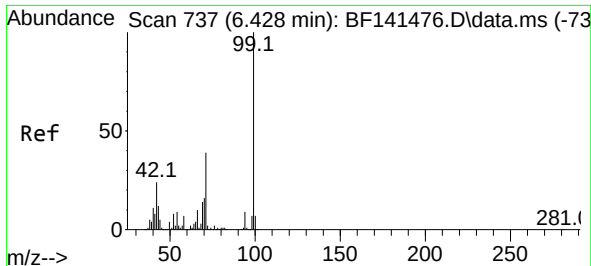
Tgt Ion:112 Resp: 808902
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 32.7 28.4 42.6



#6
Aniline
Concen: 34.415 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion: 93 Resp: 221597
Ion Ratio Lower Upper
93 100
66 113.8 62.6 94.0#
65 71.3 38.3 57.5#





#7

Phenol-d6

Concen: 141.602 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

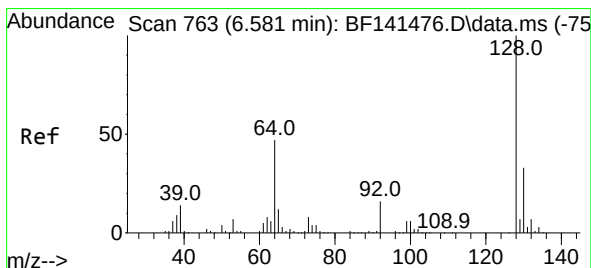
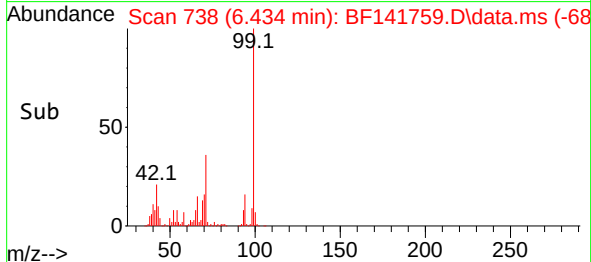
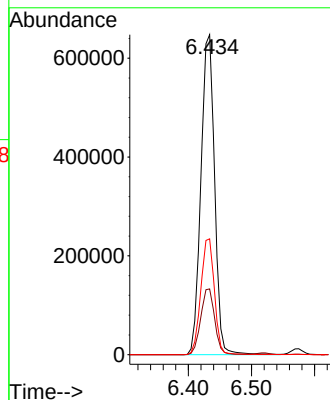
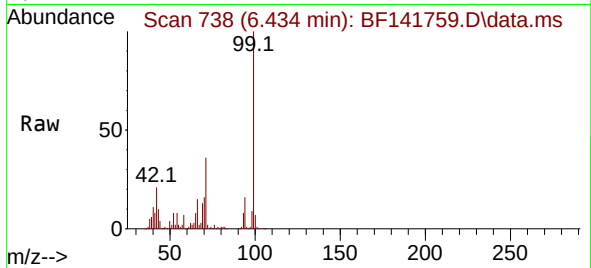
Tgt Ion: 99 Resp: 971994

Ion Ratio Lower Upper

99 100

42 20.6 19.1 28.7

71 36.2 31.1 46.7



#8

2-Chlorophenol

Concen: 46.986 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.012 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

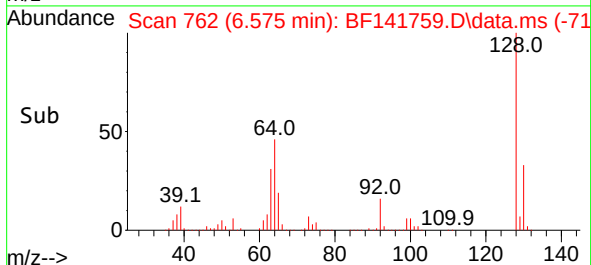
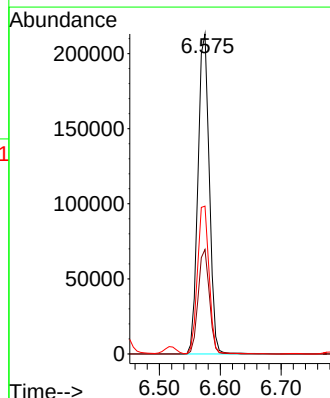
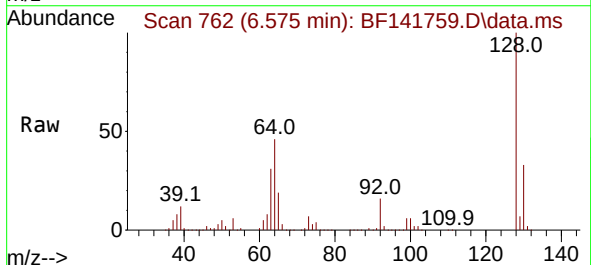
Tgt Ion:128 Resp: 275729

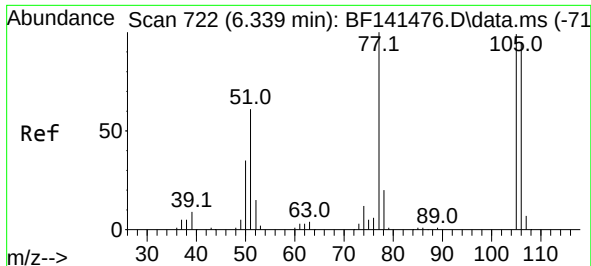
Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

64 46.2 28.3 68.3

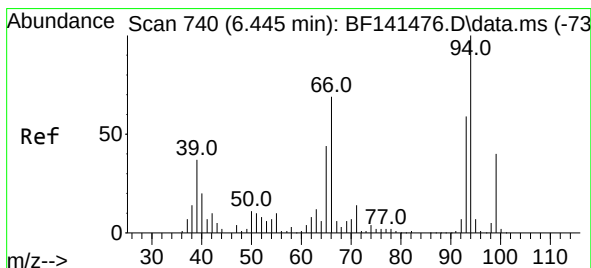
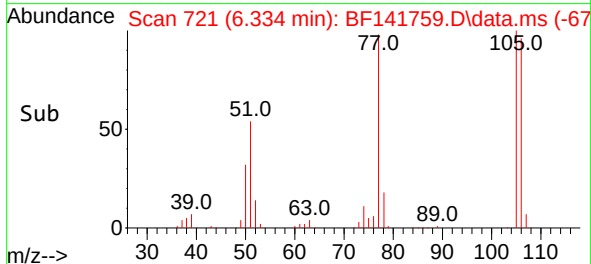
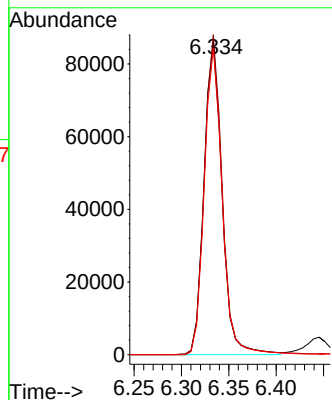
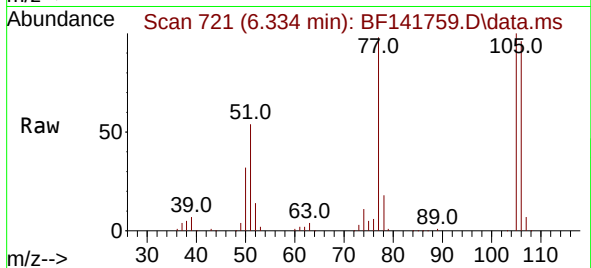




#9
Benzaldehyde
Concen: 31.199 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

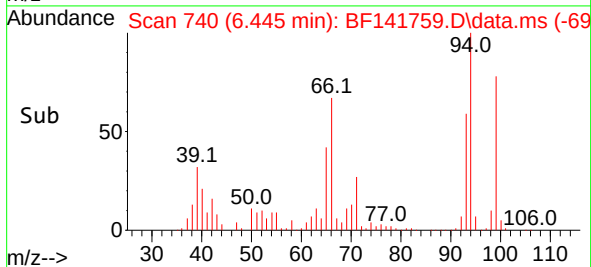
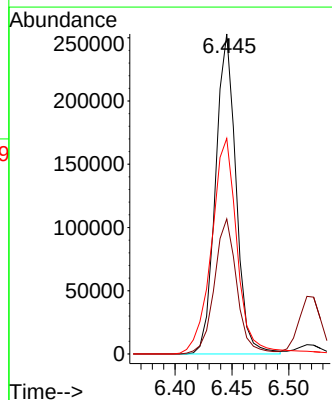
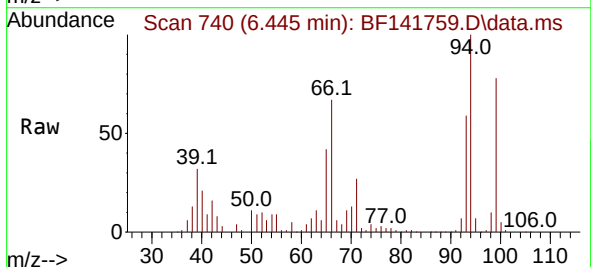
Instrument :
BNA_F
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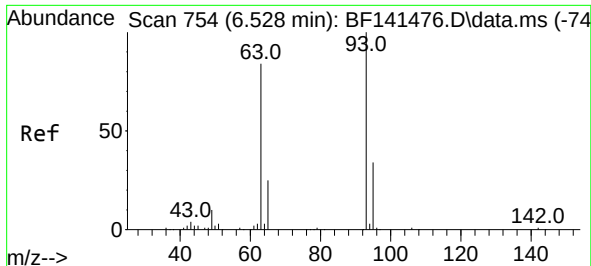
Tgt Ion: 77 Resp: 113803
Ion Ratio Lower Upper
77 100
105 102.2 79.4 119.4
106 97.8 75.1 115.1



#10
Phenol
Concen: 44.363 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion: 94 Resp: 316942
Ion Ratio Lower Upper
94 100
65 42.2 23.7 63.7
66 67.3 49.3 89.3

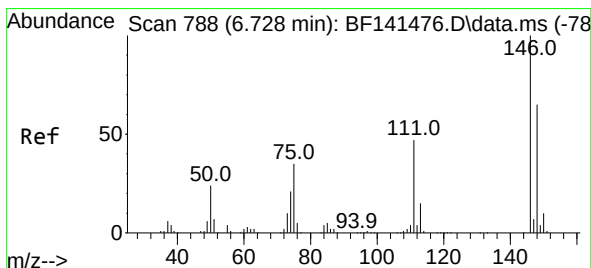
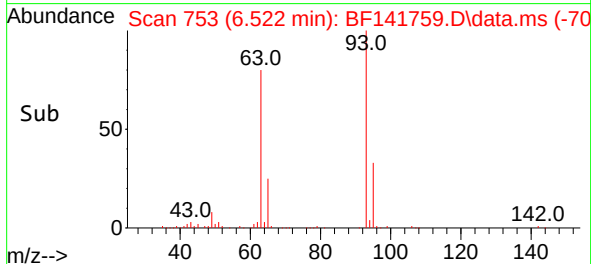
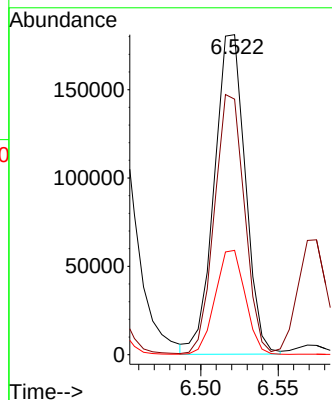
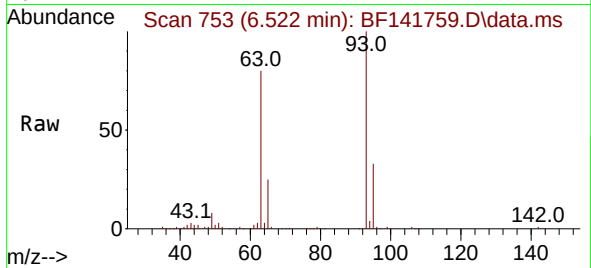




#11
bis(2-Chloroethyl)ether
Concen: 46.986 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

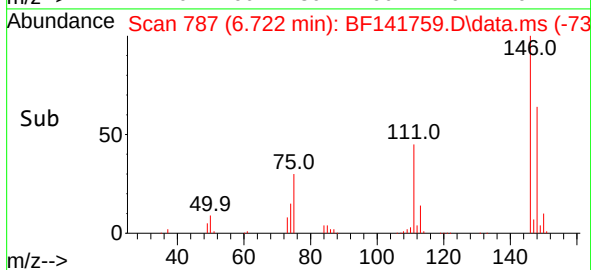
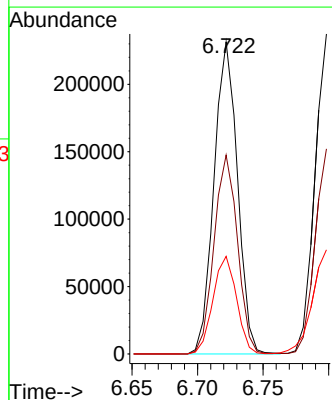
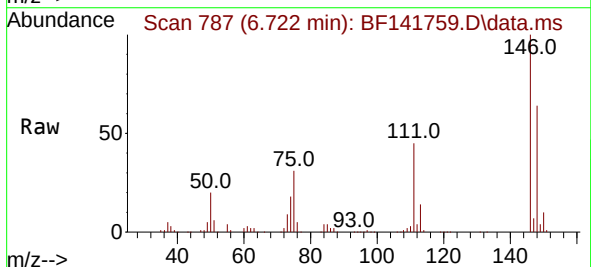
Instrument :
BNA_F
ClientSampleId :
PB166843BS

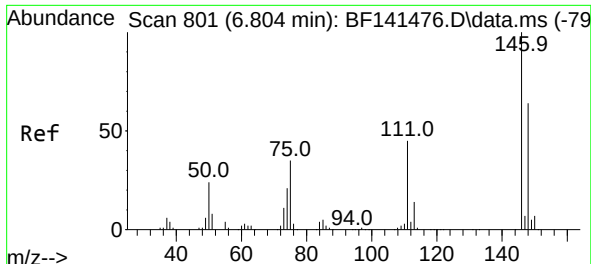
Tgt Ion: 93 Resp: 252135
Ion Ratio Lower Upper
93 100
63 79.9 62.0 102.0
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.474 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:146 Resp: 287923
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 31.3 28.2 42.2

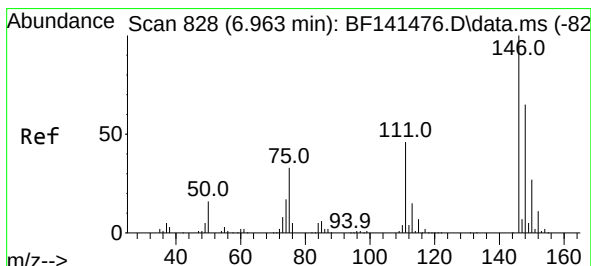
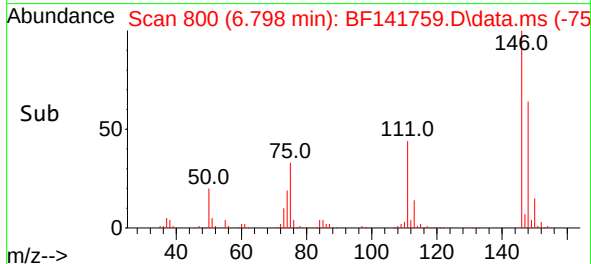
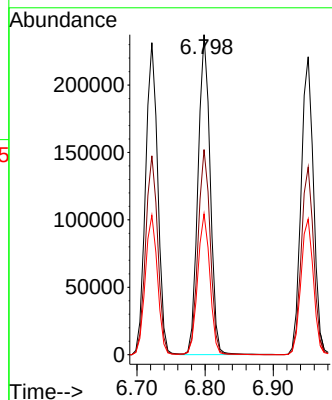
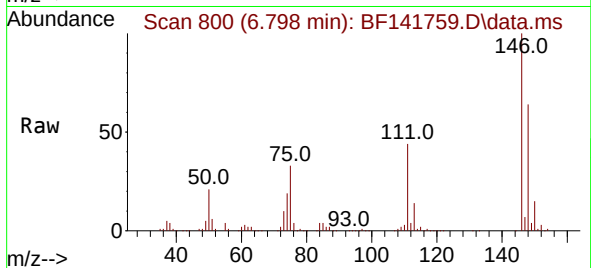




#13
1,4-Dichlorobenzene
Concen: 46.217 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

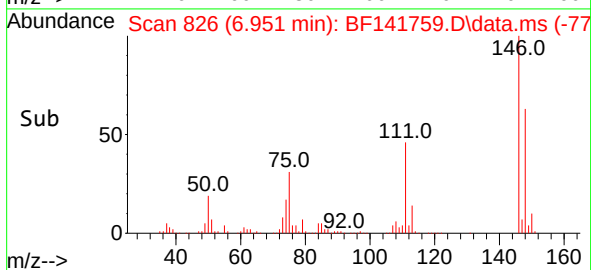
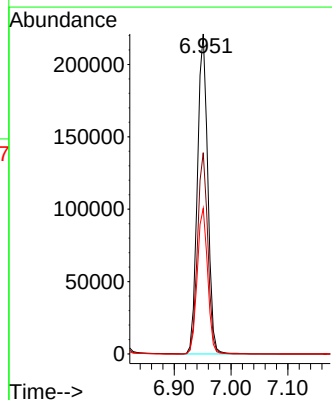
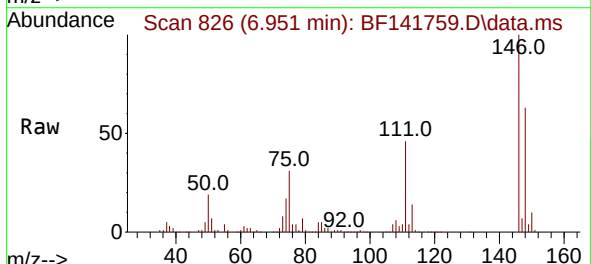
Instrument :
BNA_F
ClientSampleId :
PB166843BS

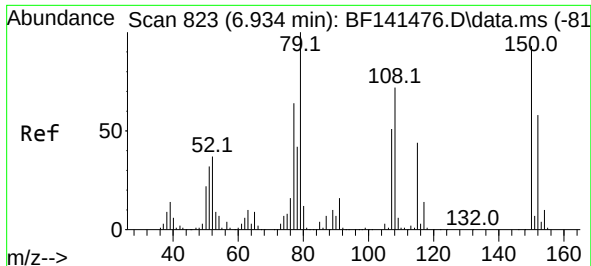
Tgt Ion:146 Resp: 292544
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
111 44.0 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 48.018 ng
RT: 6.951 min Scan# 826
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:146 Resp: 282098
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.6
111 45.5 37.0 55.4

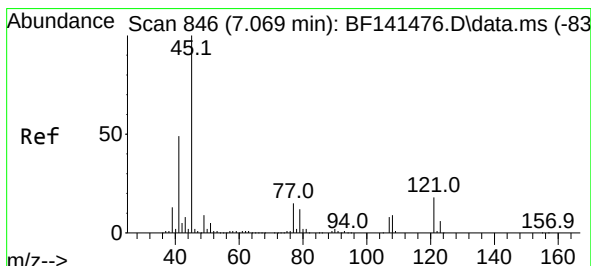
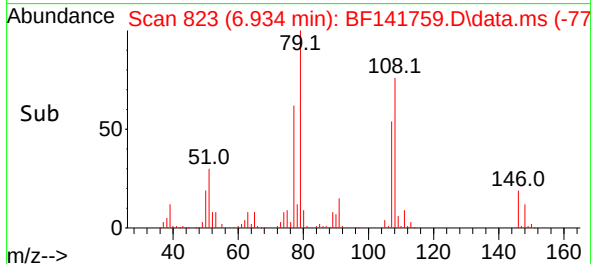
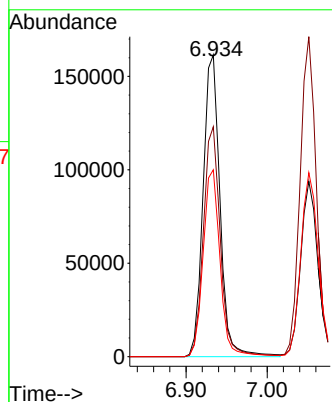
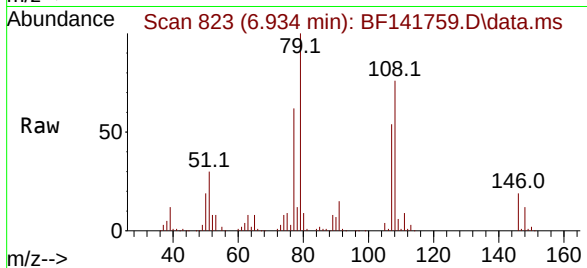




#15
Benzyl Alcohol
Concen: 44.361 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

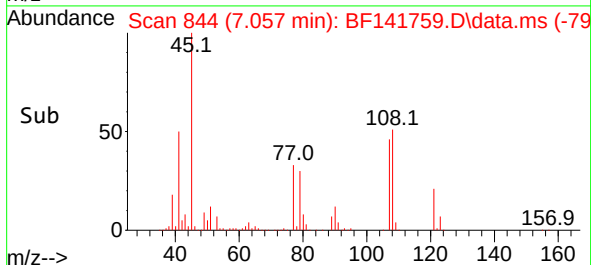
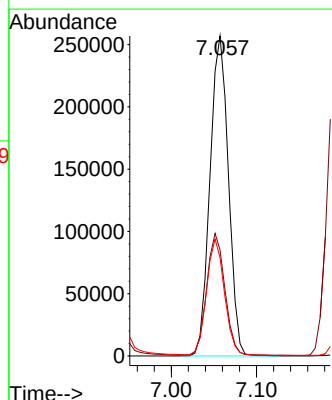
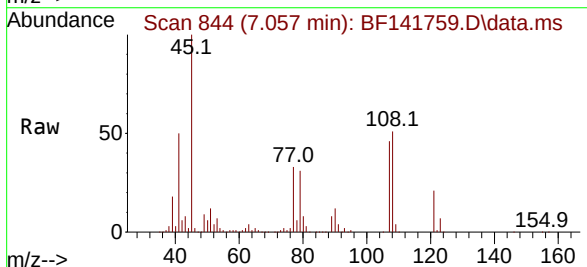
Instrument :
BNA_F
ClientSampleId :
PB166843BS

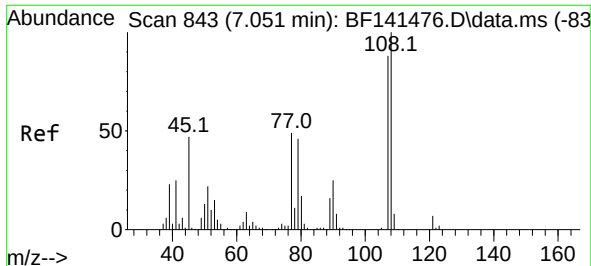
Tgt Ion: 79 Resp: 233511
Ion Ratio Lower Upper
79 100
108 76.2 57.4 86.2
77 61.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.037 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion: 45 Resp: 386151
Ion Ratio Lower Upper
45 100
77 33.1 0.0 35.8
79 30.7 0.0 32.7

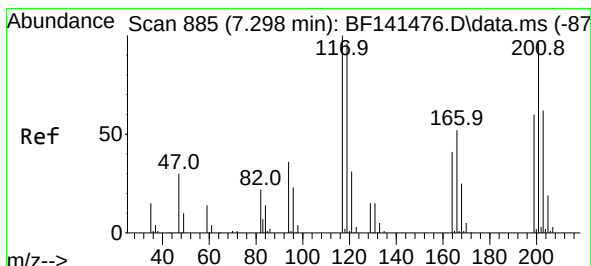
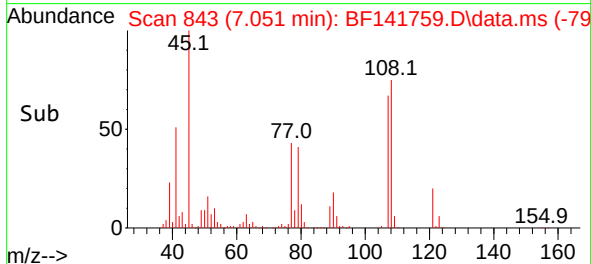
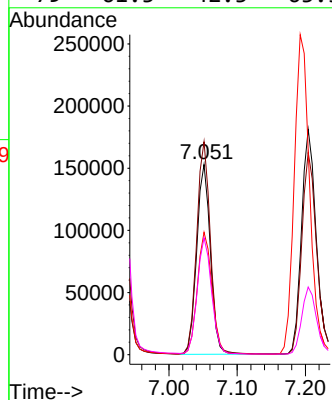
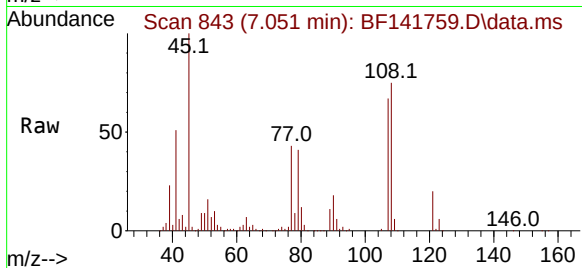




#17
2-Methylphenol
Concen: 46.390 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

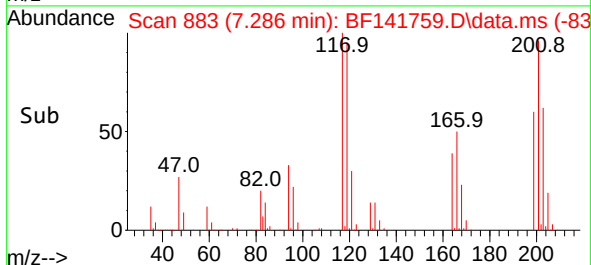
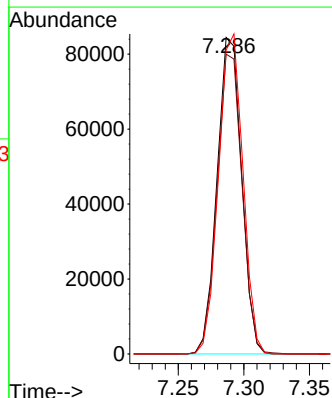
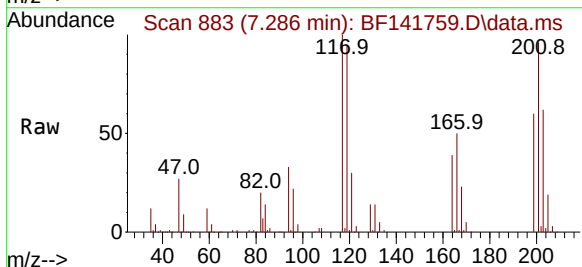
Instrument :
BNA_F
ClientSampleId :
PB166843BS

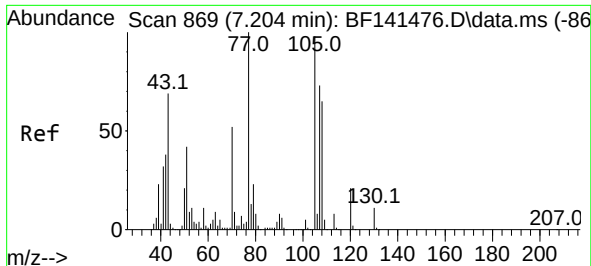
Tgt Ion:	107	Resp:	213037
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.6	136.0
77	64.3	44.4	66.6
79	61.3	42.3	63.5



#18
Hexachloroethane
Concen: 46.995 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:	117	Resp:	110091
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.5	114.7
201	96.0	76.7	115.1



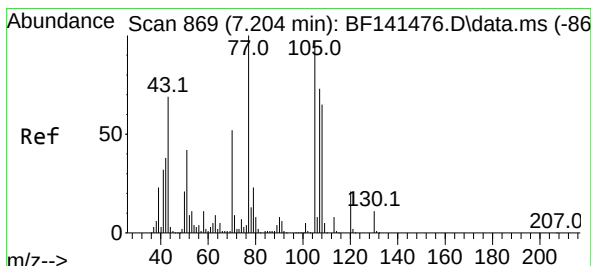
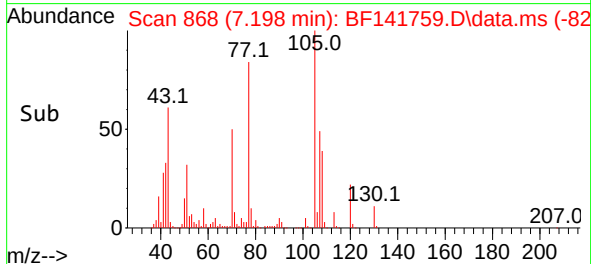
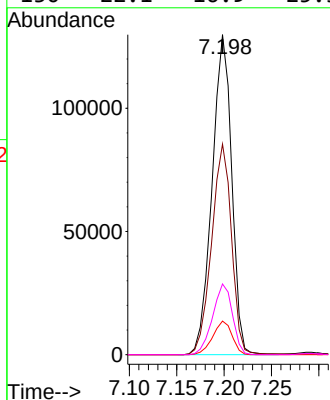
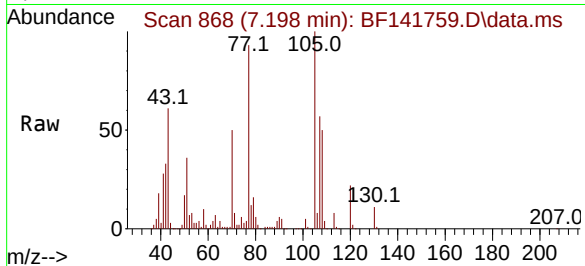


#19
n-Nitroso-di-n-propylamine
Concen: 45.526 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Instrument :
BNA_F
ClientSampleId :
PB166843BS

Tgt Ion: 70 Resp: 186928

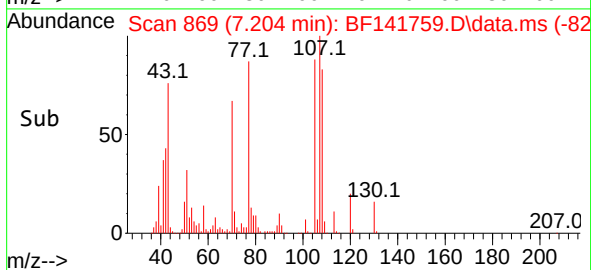
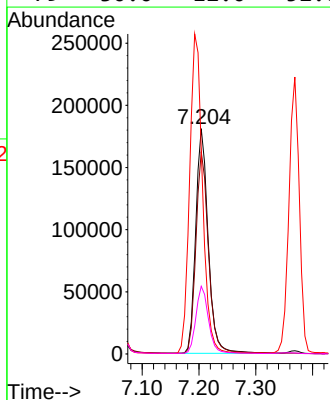
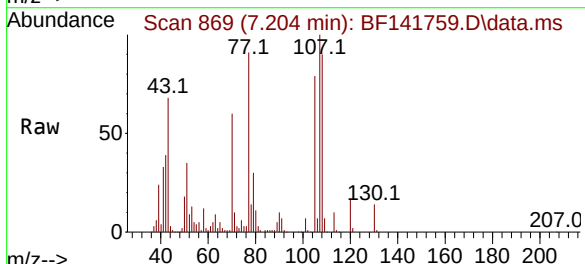
Ion	Ratio	Lower	Upper
70	100		
42	65.8	57.4	86.2
101	10.5	8.0	12.0
130	22.1	16.9	25.3

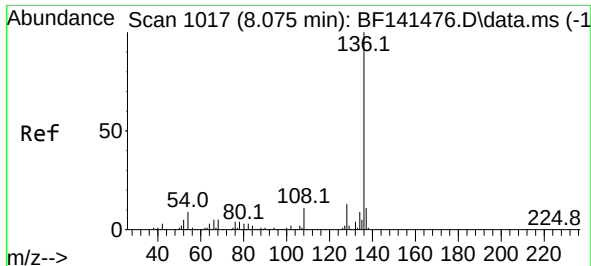


#20
3+4-Methylphenols
Concen: 47.488 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion: 107 Resp: 277148

Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.5	108.5
77	90.7	116.5	156.5#
79	30.0	12.0	52.0

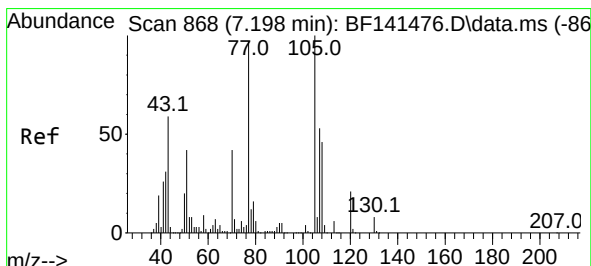
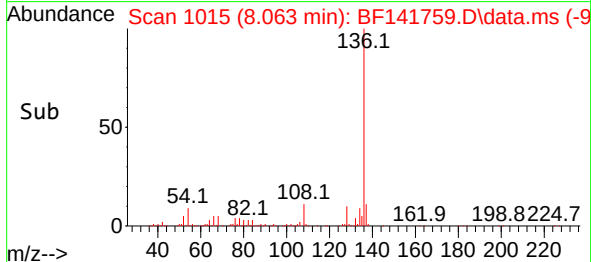
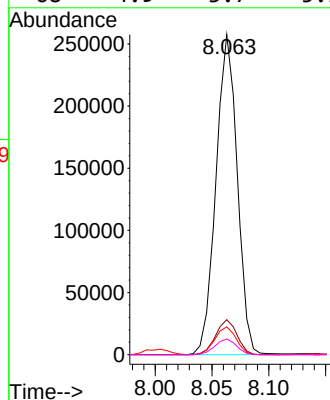
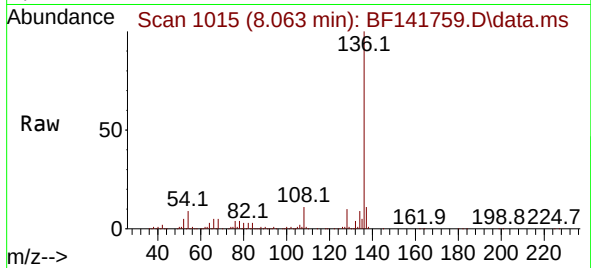




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

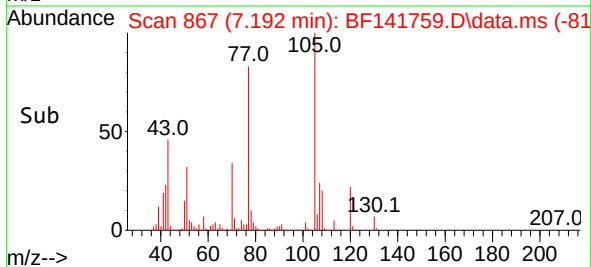
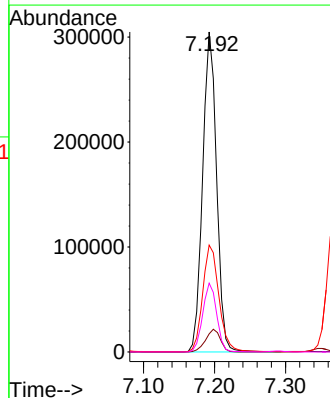
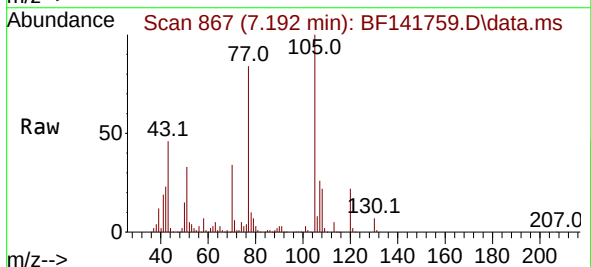
Instrument :
BNA_F
ClientSampleId :
PB166843BS

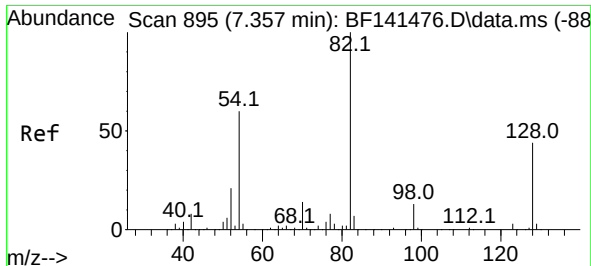
Tgt Ion:136 Resp: 336134
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.2 10.8
68 4.9 3.7 5.5



#22
Acetophenone
Concen: 50.004 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:105 Resp: 418105
Ion Ratio Lower Upper
105 100
71 5.7 5.7 8.5#
51 33.4 33.7 50.5#
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 100.311 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

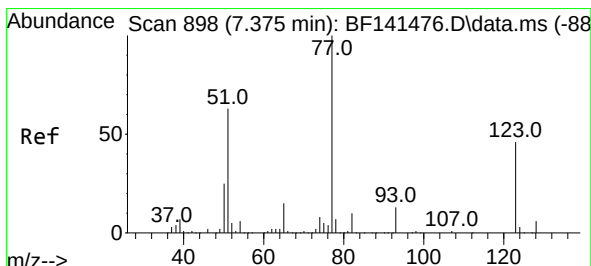
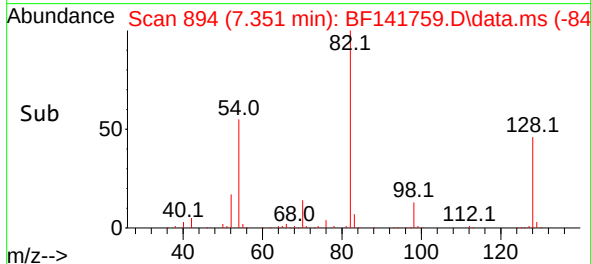
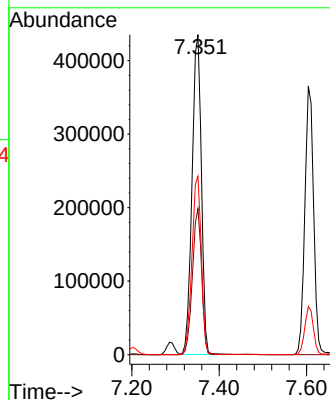
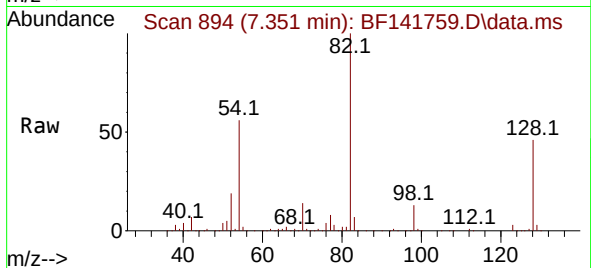
Tgt Ion: 82 Resp: 646457

Ion Ratio Lower Upper

82 100

128 45.6 34.8 52.2

54 55.8 48.2 72.4



#24

Nitrobenzene

Concen: 44.976 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

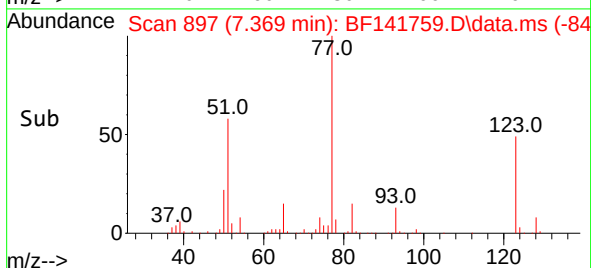
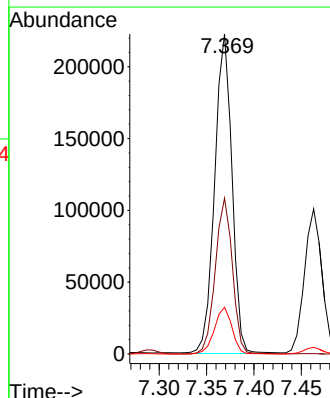
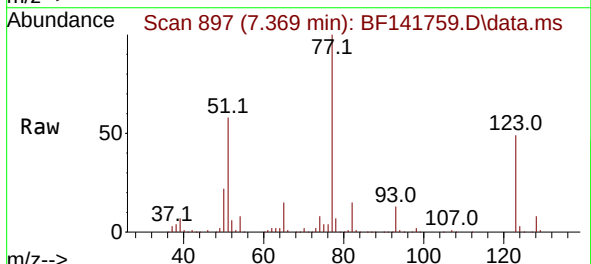
Tgt Ion: 77 Resp: 282640

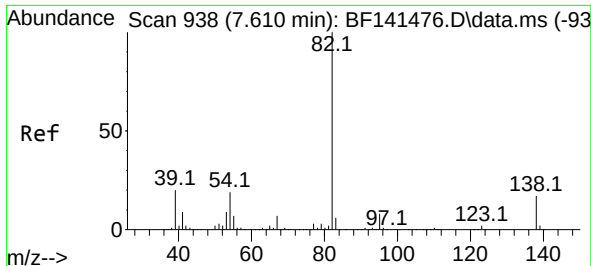
Ion Ratio Lower Upper

77 100

123 48.7 36.9 55.3

65 14.6 11.9 17.9

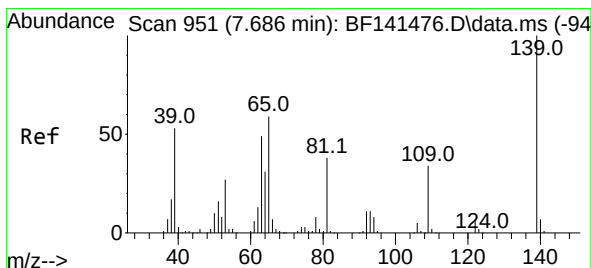
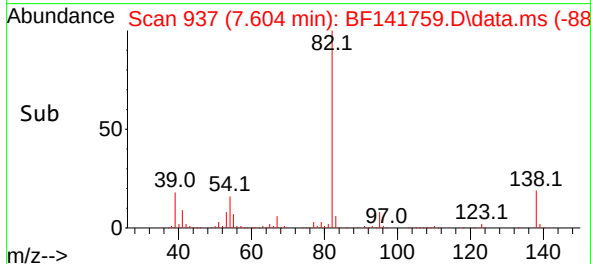
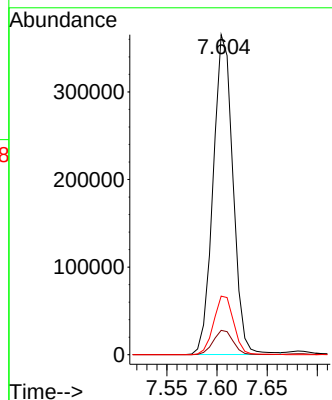
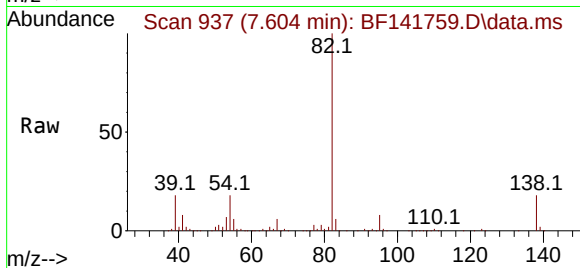




#25
Isophorone
Concen: 48.907 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

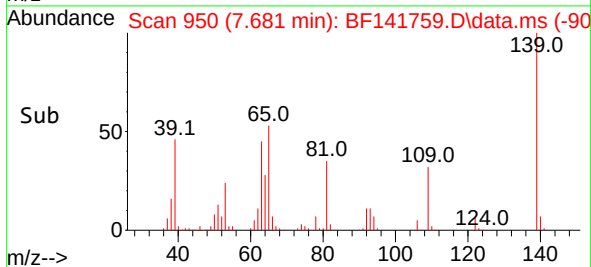
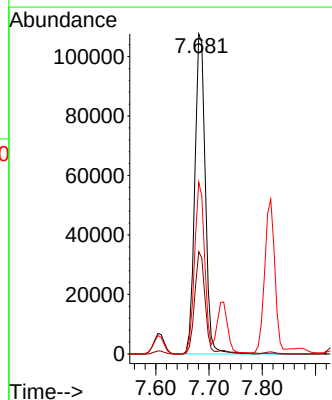
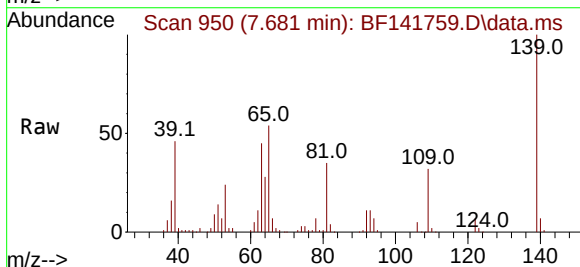
Instrument :
BNA_F
ClientSampleId :
PB166843BS

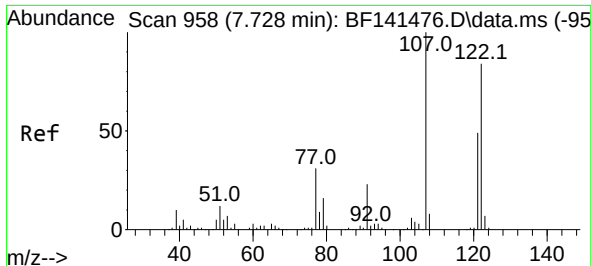
Tgt Ion: 82 Resp: 502546
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.3 13.9 20.9



#26
2-Nitrophenol
Concen: 47.273 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:139 Resp: 147799
Ion Ratio Lower Upper
139 100
109 32.0 27.0 40.6
65 53.7 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 60.632 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

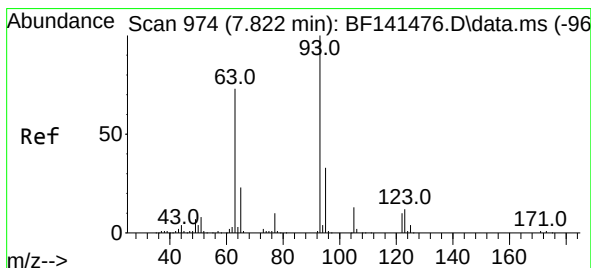
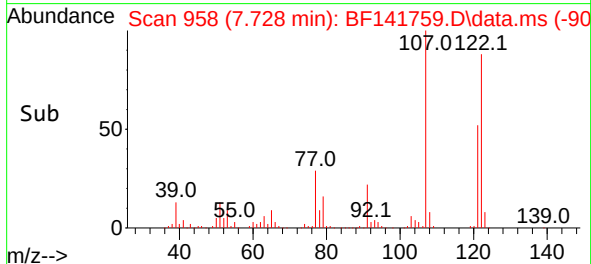
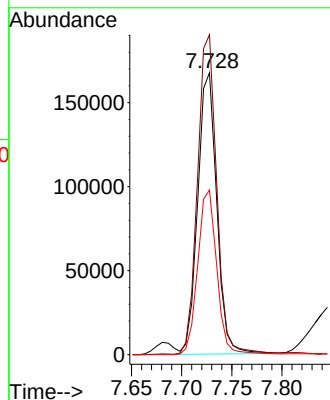
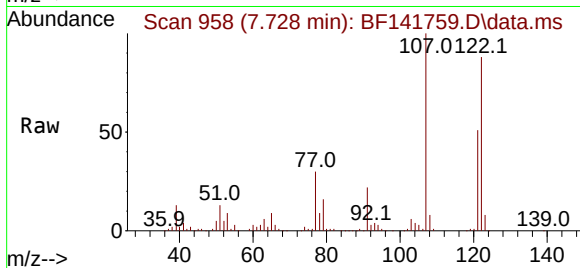
Tgt Ion:122 Resp: 221456

Ion Ratio Lower Upper

122 100

107 113.4 94.3 141.5

121 58.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.667 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

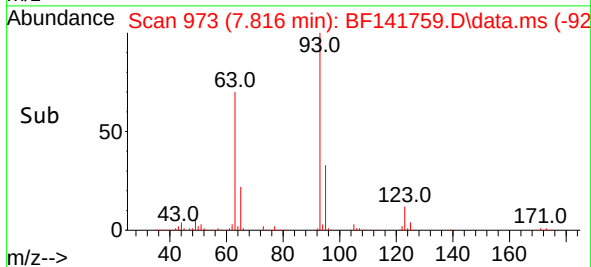
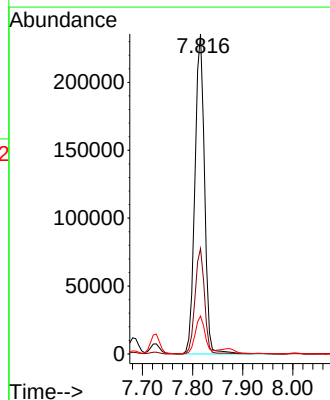
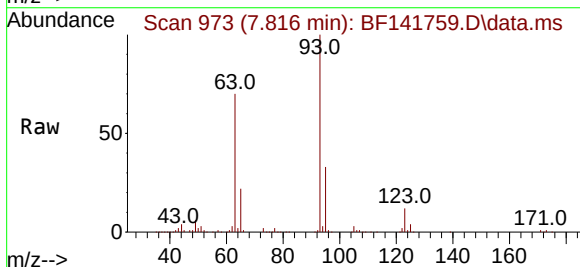
Tgt Ion: 93 Resp: 313856

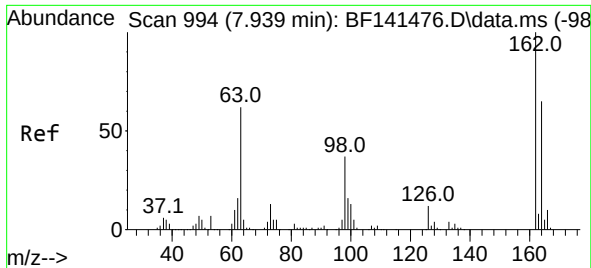
Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 47.145 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

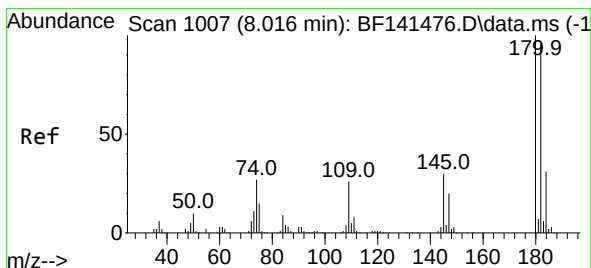
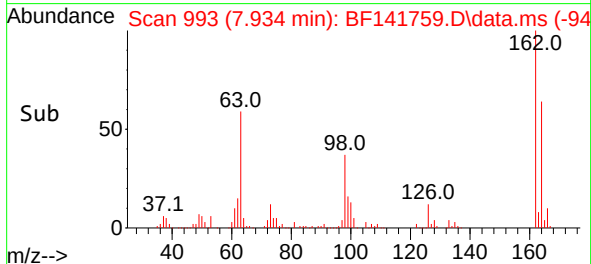
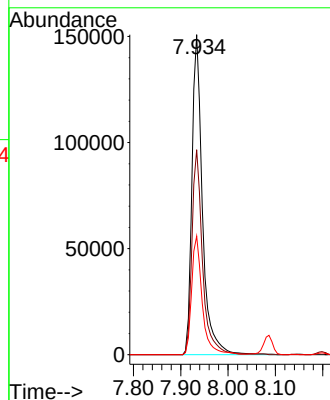
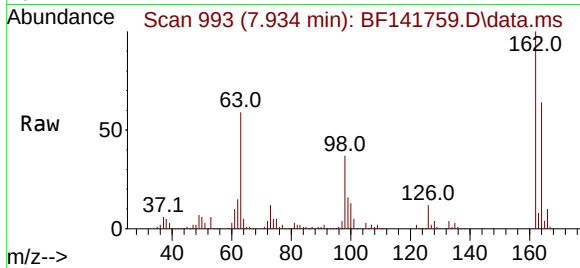
Tgt Ion:162 Resp: 232656

Ion Ratio Lower Upper

162 100

164 64.0 44.6 84.6

98 37.1 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 46.757 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

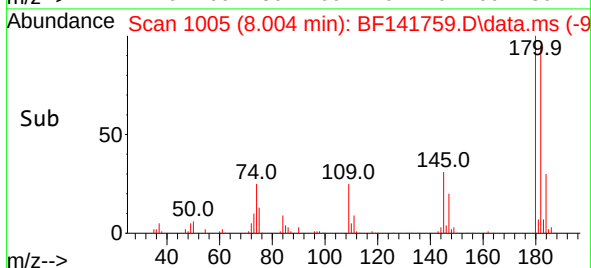
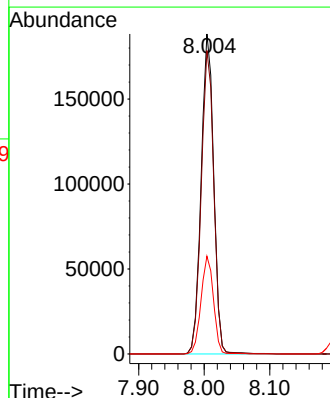
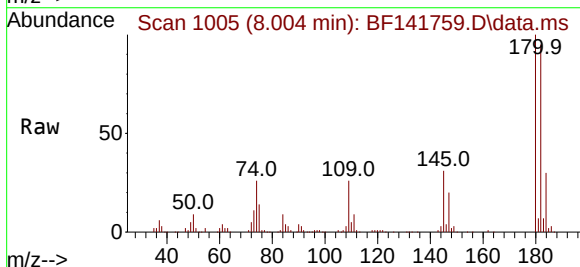
Tgt Ion:180 Resp: 251271

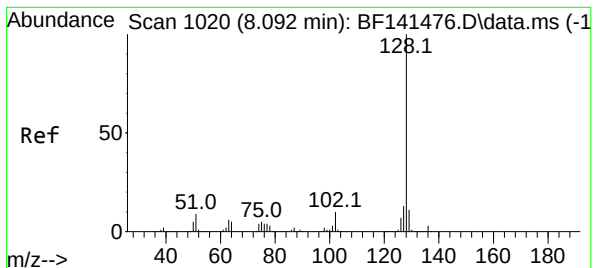
Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

145 30.6 24.2 36.4





#31

Naphthalene

Concen: 44.700 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

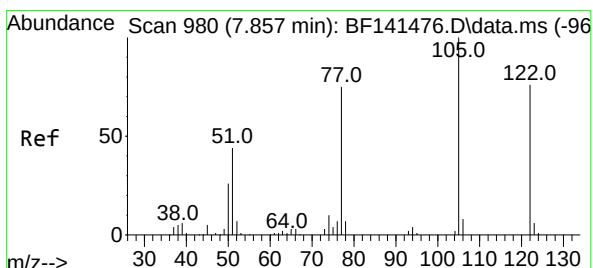
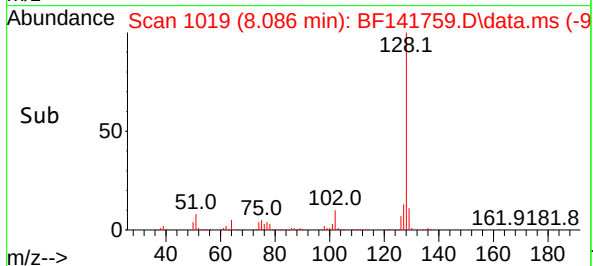
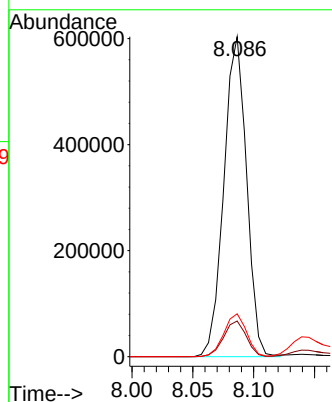
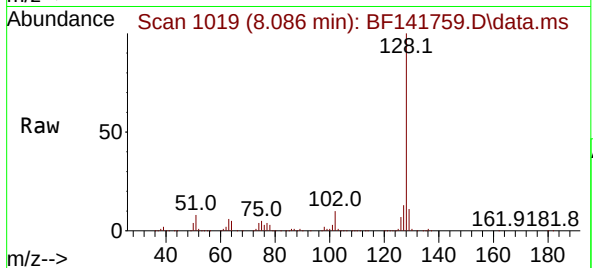
Tgt Ion:128 Resp: 782110

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 38.754 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.018 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

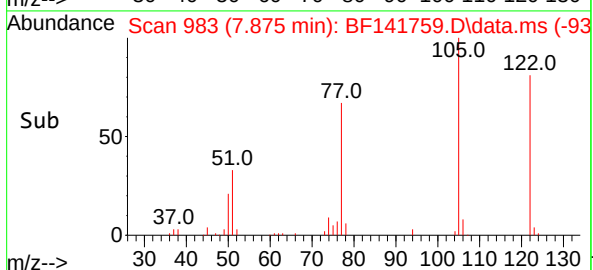
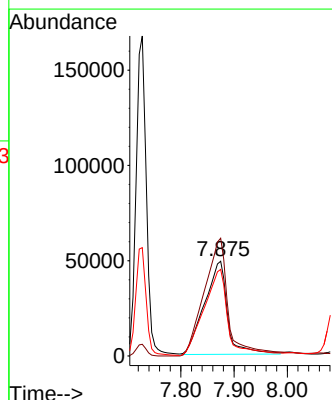
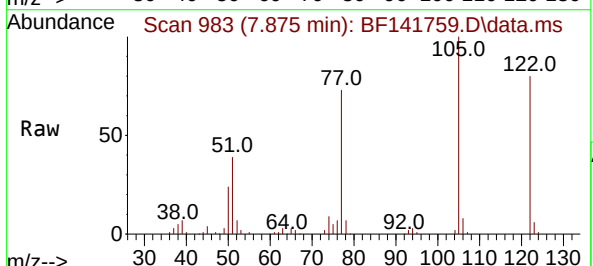
Tgt Ion:122 Resp: 147025

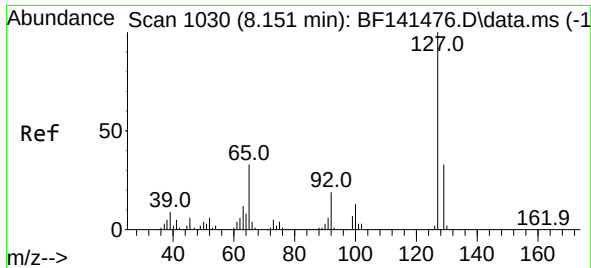
Ion Ratio Lower Upper

122 100

105 124.4 106.5 146.5

77 91.4 76.3 116.3

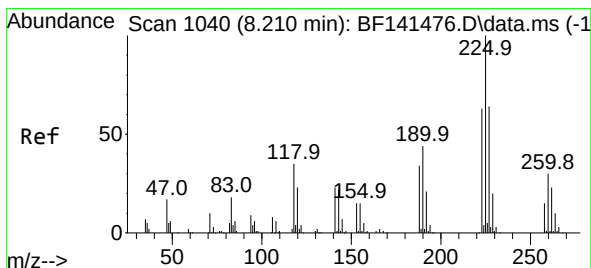
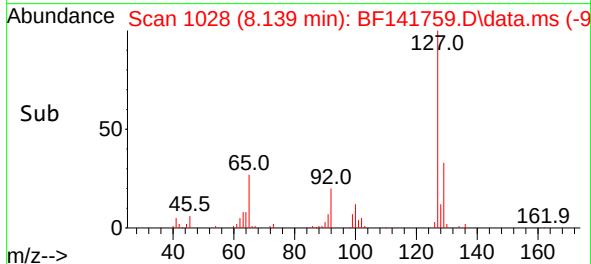
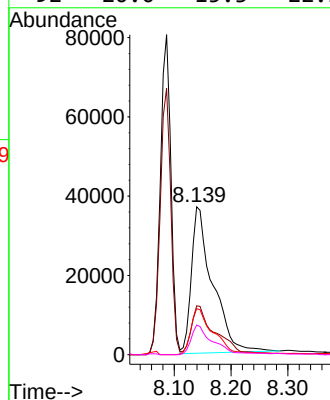
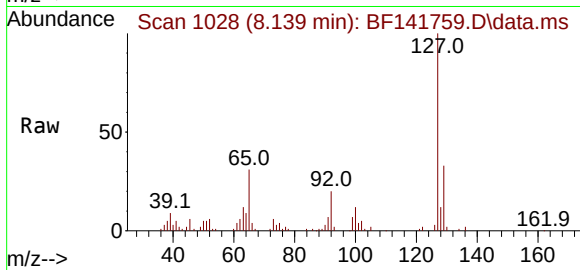




#33
4-Chloroaniline
Concen: 15.674 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

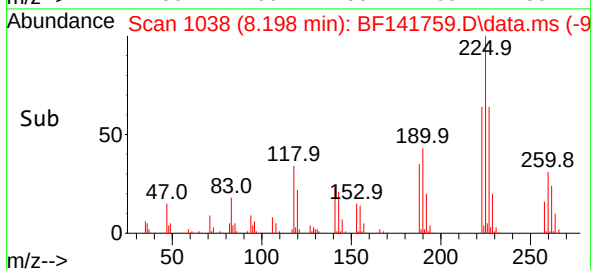
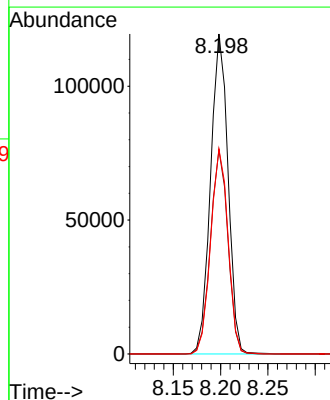
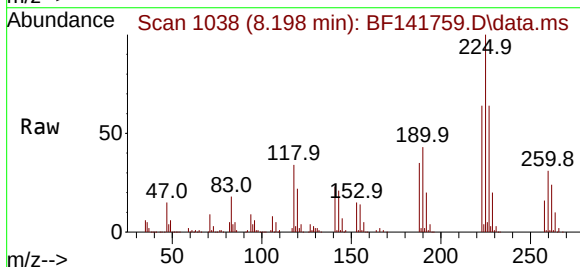
Instrument :
BNA_F
ClientSampleId :
PB166843BS

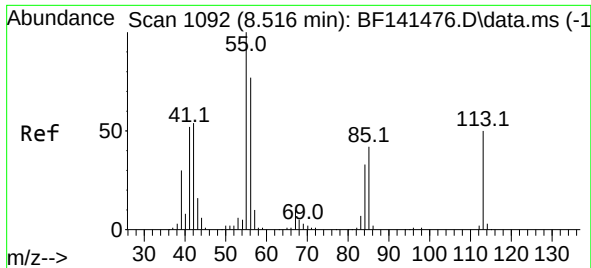
Tgt Ion:	127	Resp:	95751
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	31.2	26.4	39.6
92	20.0	15.3	22.9



#34
Hexachlorobutadiene
Concen: 47.343 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:	225	Resp:	152740
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.1	75.1
227	64.1	51.0	76.6

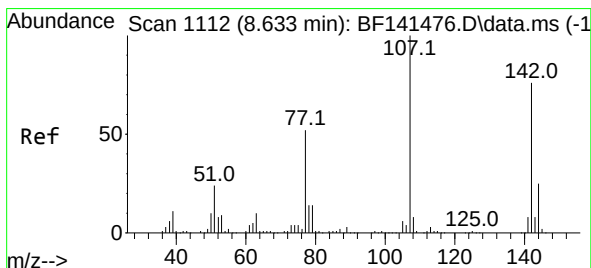
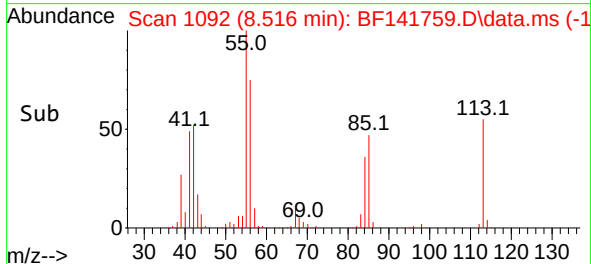
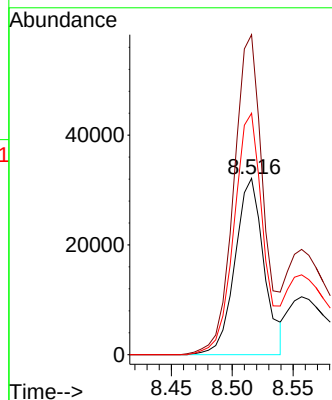
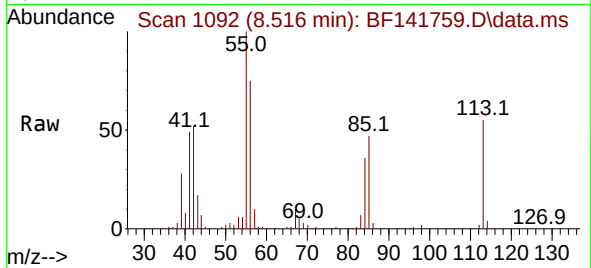




#35
 Caprolactam
 Concen: 35.464 ng
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141759.D
 Acq: 25 Feb 2025 12:33

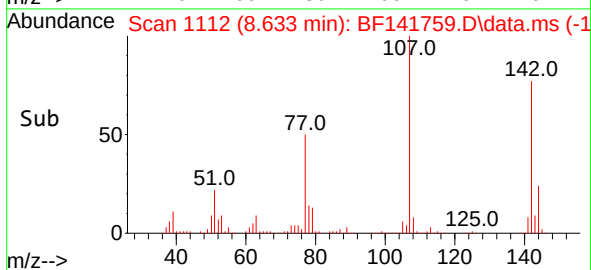
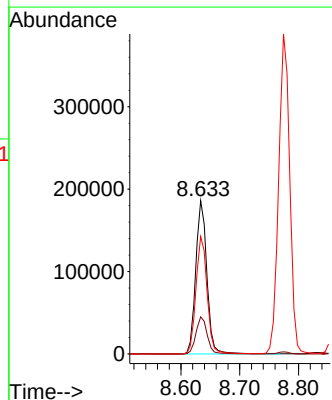
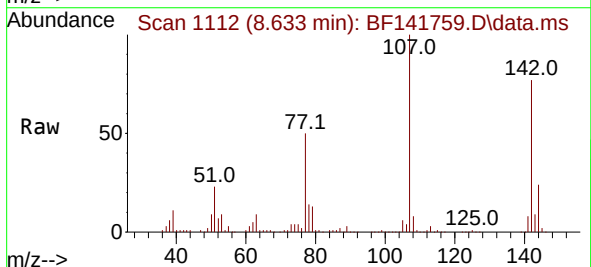
Instrument :
 BNA_F
 ClientSampleId :
 PB166843BS

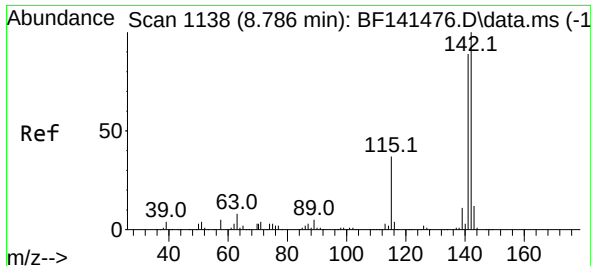
Tgt Ion:113 Resp: 53287
 Ion Ratio Lower Upper
 113 100
 55 181.5 180.8 220.8
 56 136.9 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.809 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141759.D
 Acq: 25 Feb 2025 12:33

Tgt Ion:107 Resp: 244950
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.7 29.5
 142 76.6 60.8 91.2

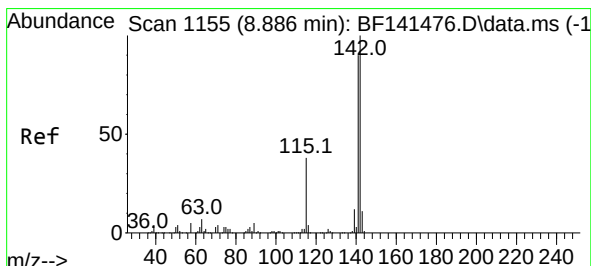
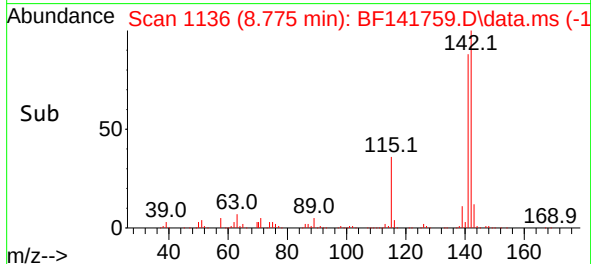
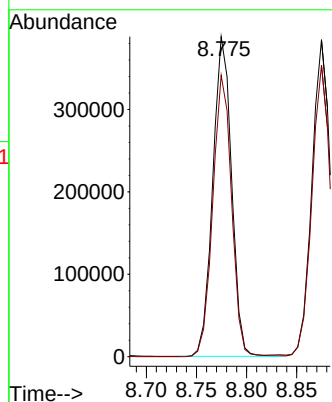
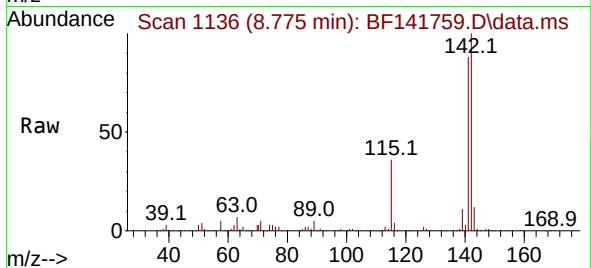




#37
2-Methylnaphthalene
Concen: 44.470 ng
RT: 8.775 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

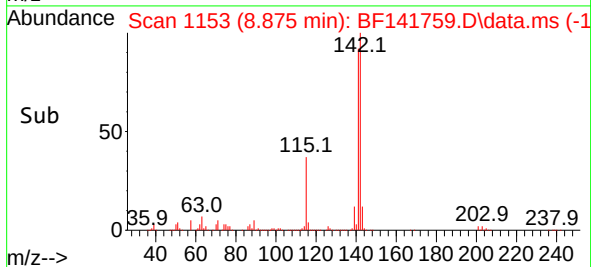
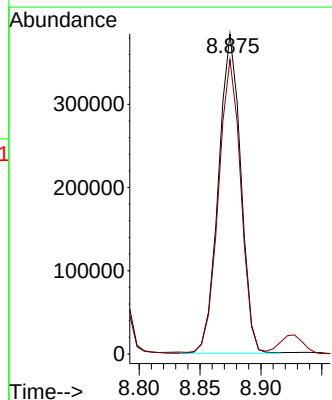
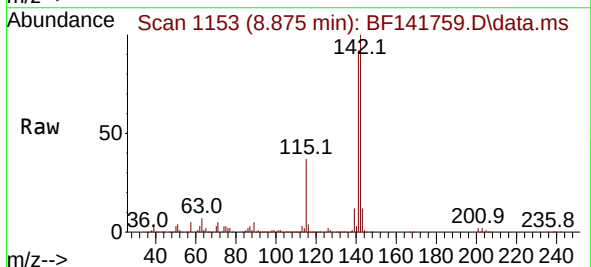
Instrument :
BNA_F
ClientSampleId :
PB166843BS

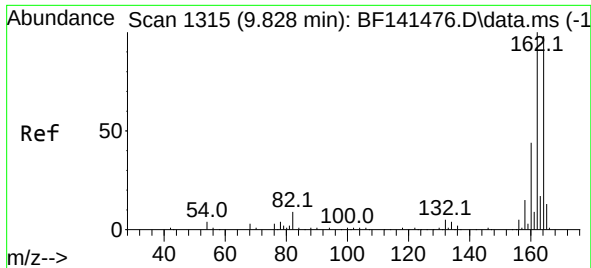
Tgt Ion:142 Resp: 506332
Ion Ratio Lower Upper
142 100
141 87.9 71.2 106.8



#38
1-Methylnaphthalene
Concen: 44.244 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:142 Resp: 487905
Ion Ratio Lower Upper
142 100
141 92.0 72.1 108.1

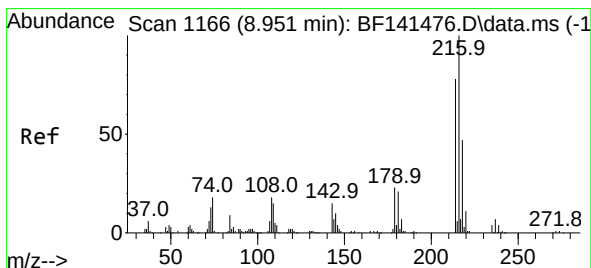
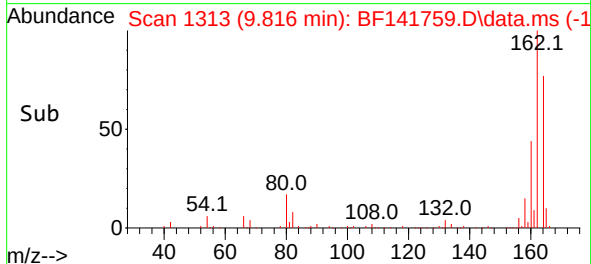
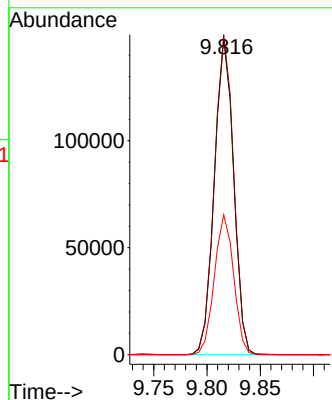
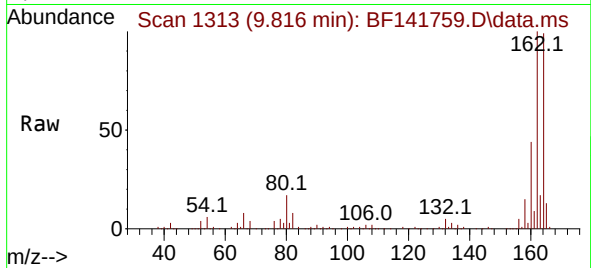




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

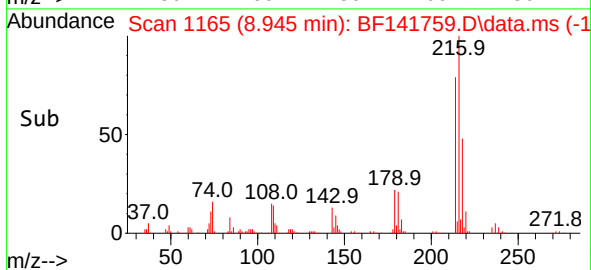
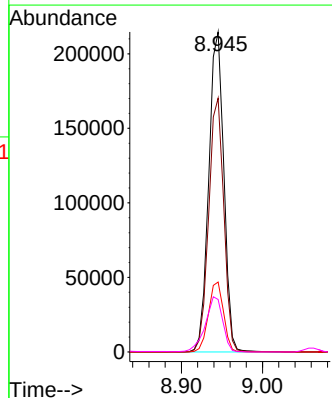
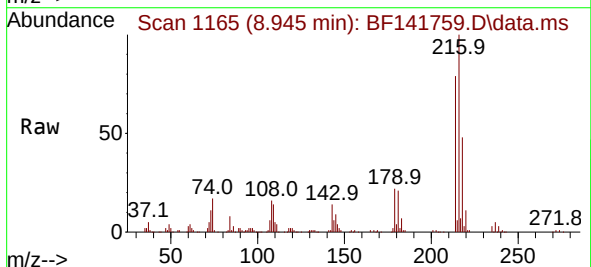
Instrument :
BNA_F
ClientSampleId :
PB166843BS

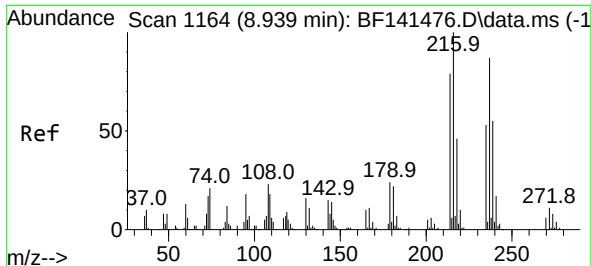
Tgt Ion:164 Resp: 184958
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 44.3 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.633 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

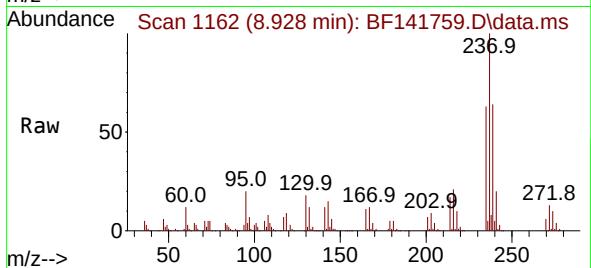
Tgt Ion:216 Resp: 276292
Ion Ratio Lower Upper
216 100
214 79.3 62.3 93.5
179 21.9 18.0 27.0
108 19.9 15.0 22.6



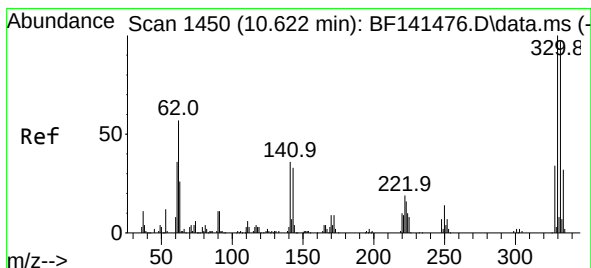
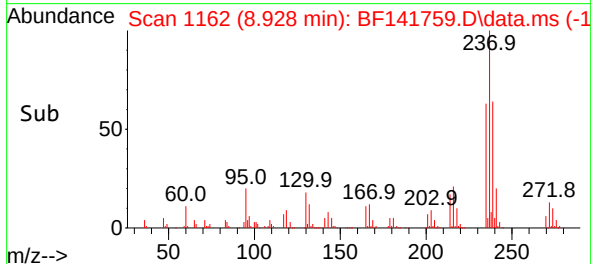
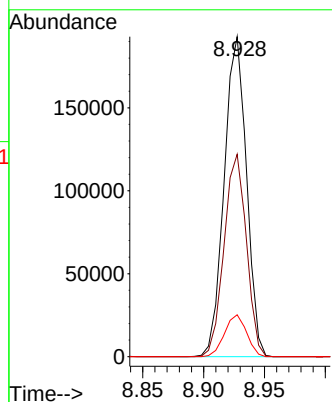


#41
Hexachlorocyclopentadiene
Concen: 138.330 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Instrument :
BNA_F
ClientSampleId :
PB166843BS

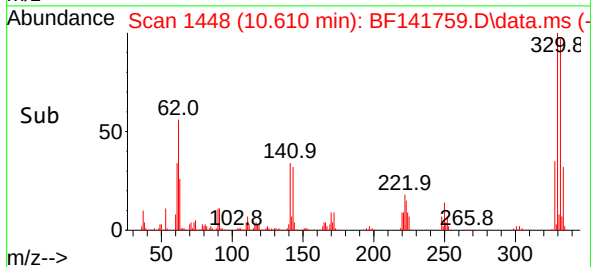
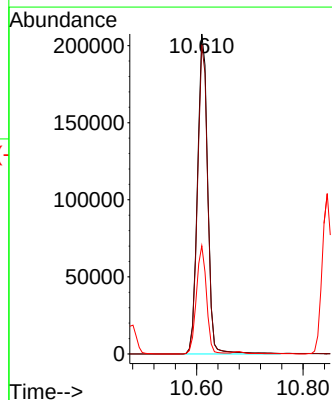
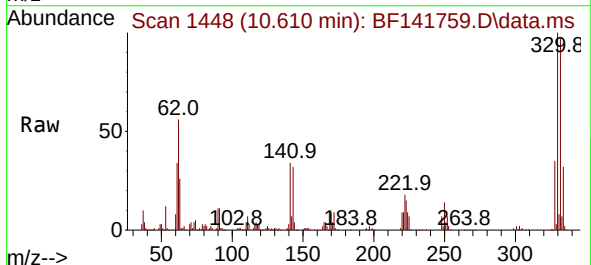


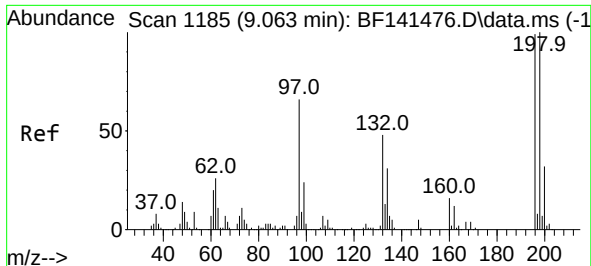
Tgt Ion:237 Resp: 246201
Ion Ratio Lower Upper
237 100
235 63.3 41.4 81.4
272 13.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 149.348 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:330 Resp: 277487
Ion Ratio Lower Upper
330 100
332 97.0 78.5 117.7
141 33.3 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 46.453 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

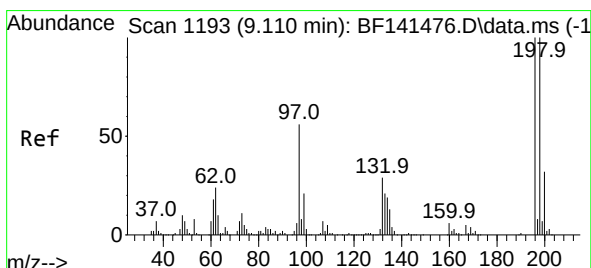
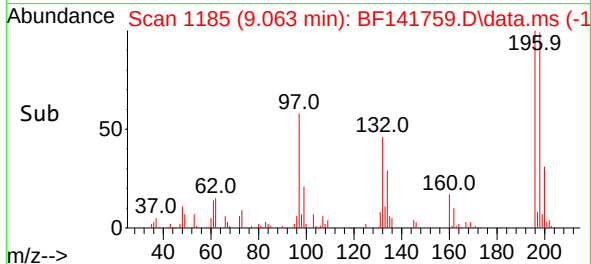
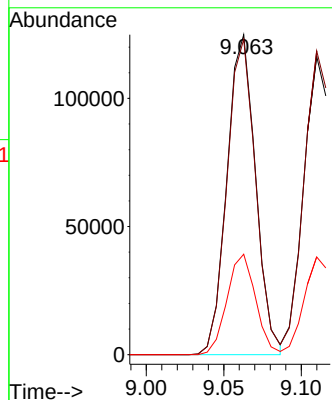
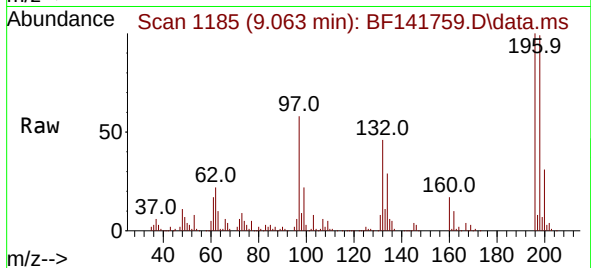
Tgt Ion:196 Resp: 160656

Ion Ratio Lower Upper

196 100

198 98.6 80.6 121.0

200 31.4 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 44.851 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Tgt Ion:196 Resp: 168110

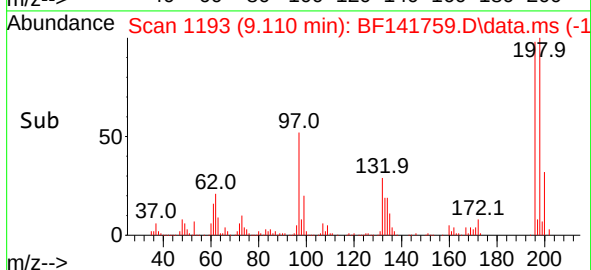
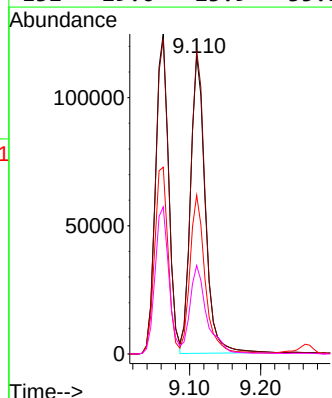
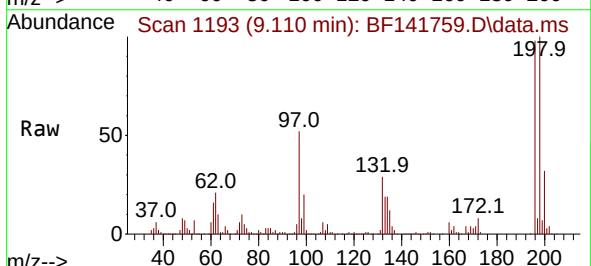
Ion Ratio Lower Upper

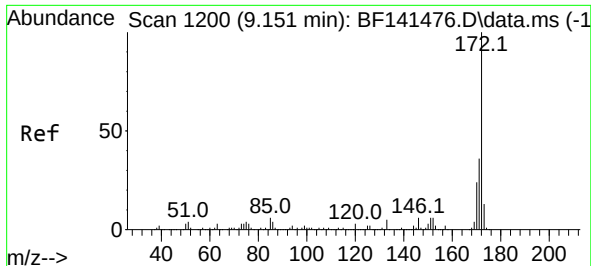
196 100

198 101.8 79.8 119.8

97 53.2 44.8 67.2

132 29.6 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 102.800 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

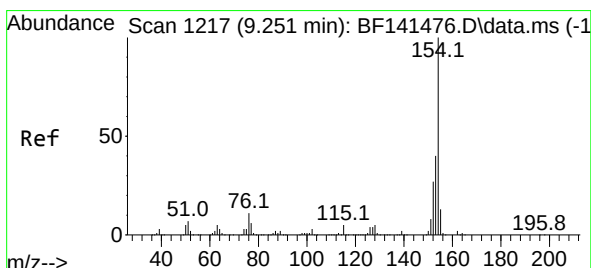
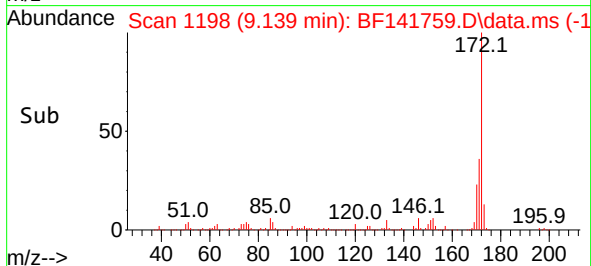
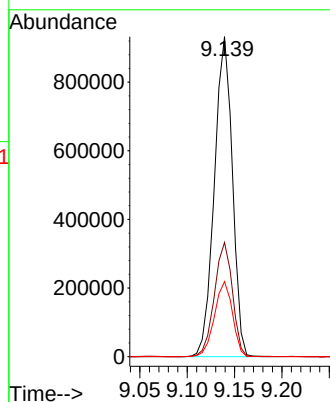
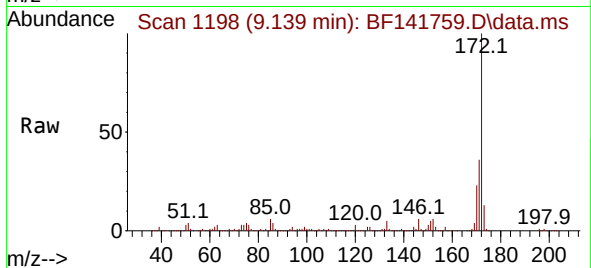
Tgt Ion:172 Resp: 1234138

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 51.216 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

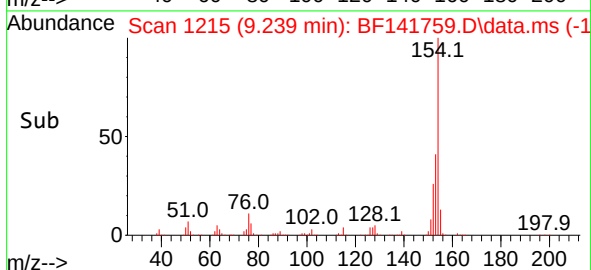
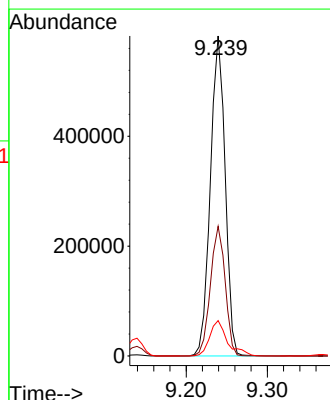
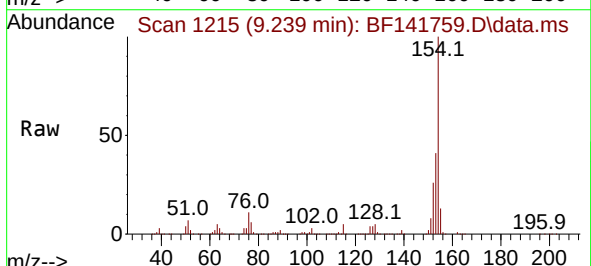
Tgt Ion:154 Resp: 734406

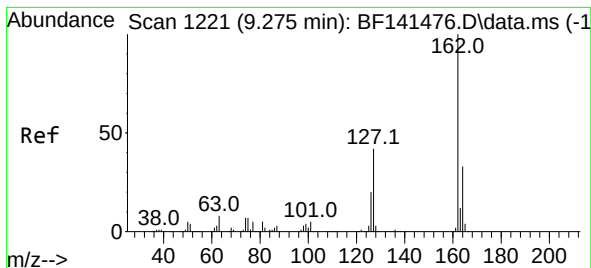
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 11.0 0.0 30.8





#47

2-Chloronaphthalene

Concen: 46.867 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.018 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

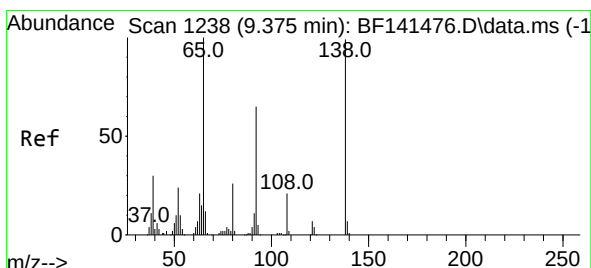
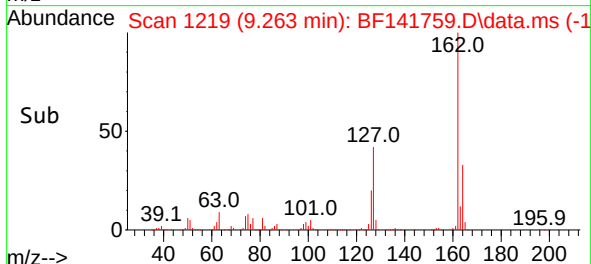
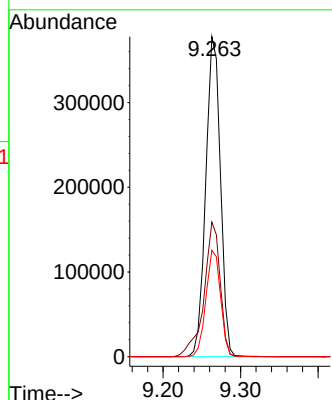
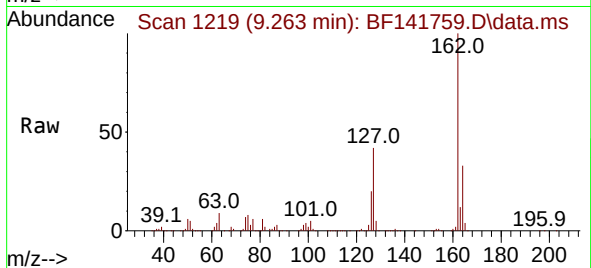
Tgt Ion:162 Resp: 496962

Ion Ratio Lower Upper

162 100

127 42.1 34.1 51.1

164 33.2 26.3 39.5



#48

2-Nitroaniline

Concen: 43.979 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

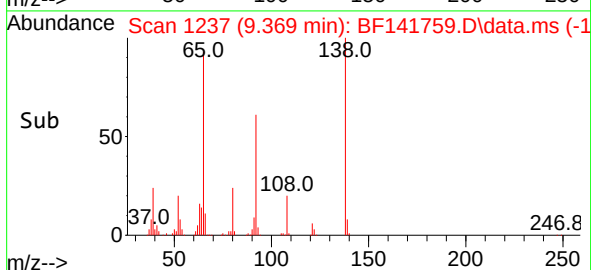
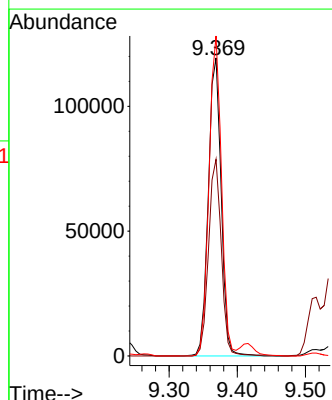
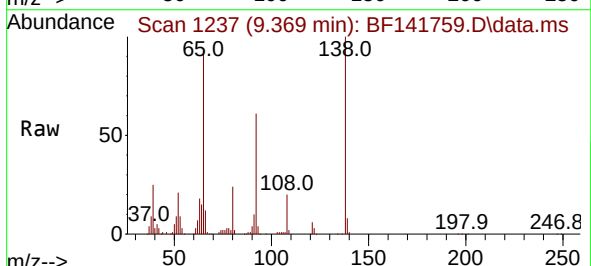
Tgt Ion: 65 Resp: 156503

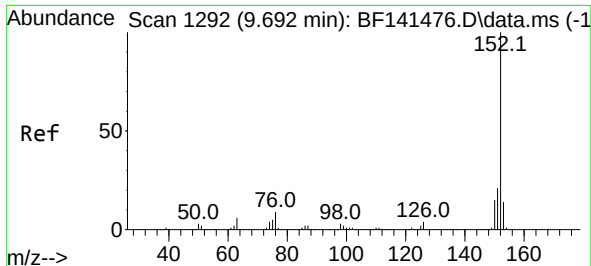
Ion Ratio Lower Upper

65 100

92 66.0 52.2 78.2

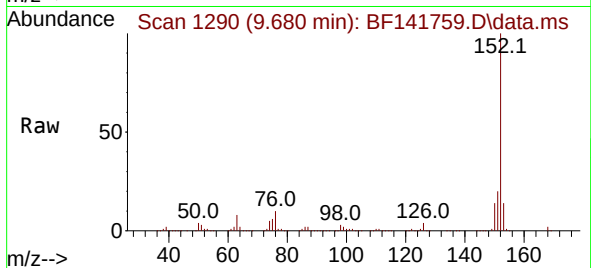
138 107.4 79.5 119.3



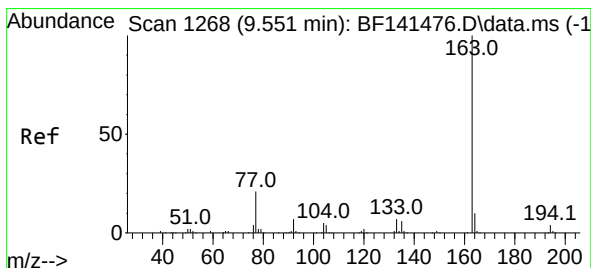
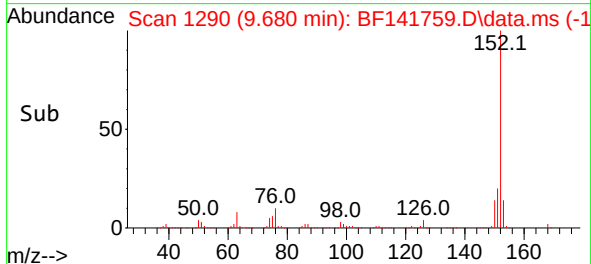
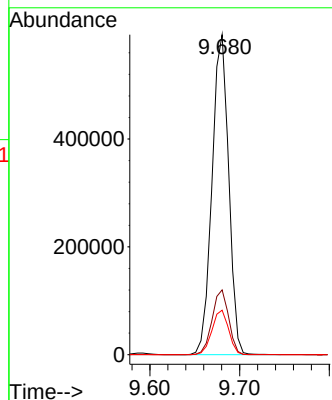


#49
Acenaphthylene
Concen: 48.486 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Instrument :
BNA_F
ClientSampleId :
PB166843BS

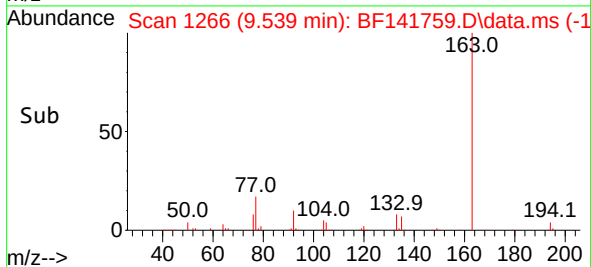
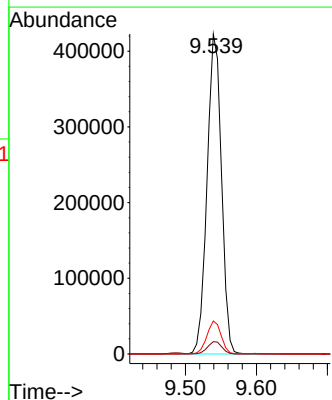
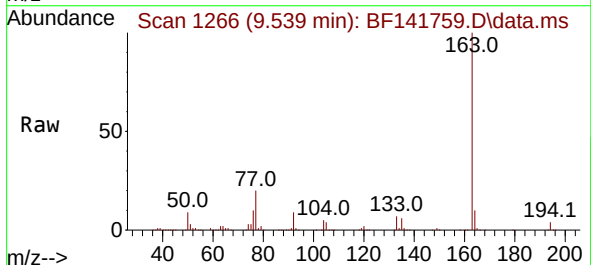


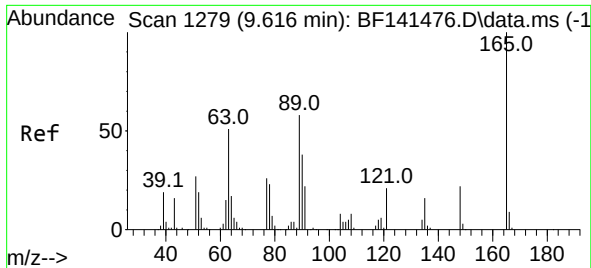
Tgt Ion:152 Resp: 764699
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.9 10.9 16.3



#50
Dimethylphthalate
Concen: 47.457 ng
RT: 9.539 min Scan# 1266
Delta R.T. -0.023 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:163 Resp: 595890
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 7.9 11.9

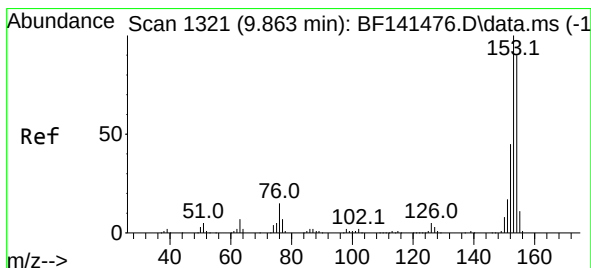
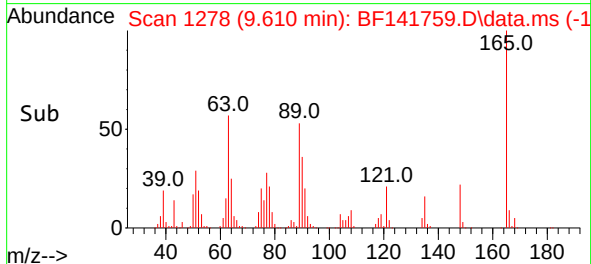
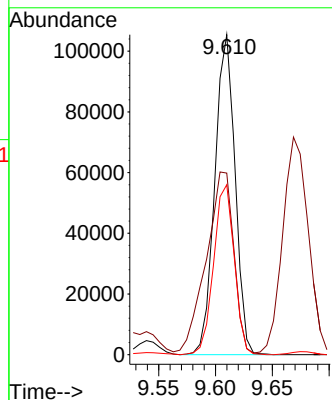
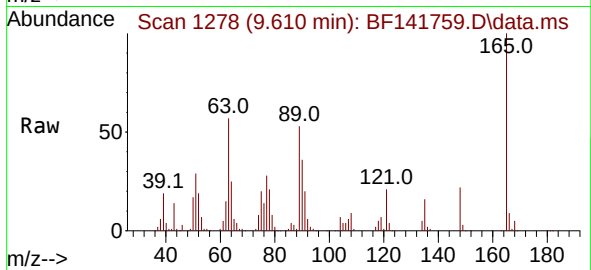




#51
2,6-Dinitrotoluene
Concen: 47.647 ng
RT: 9.610 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

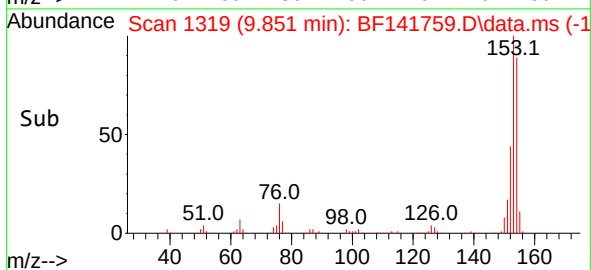
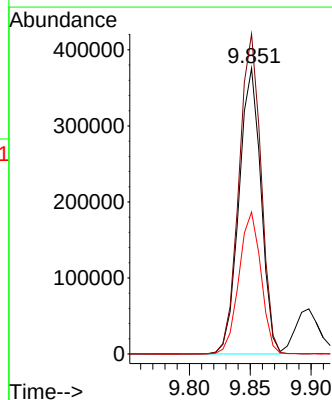
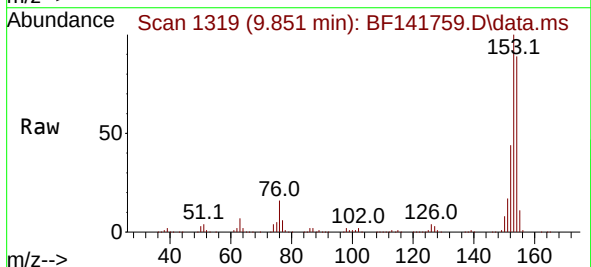
Instrument :
BNA_F
ClientSampleId :
PB166843BS

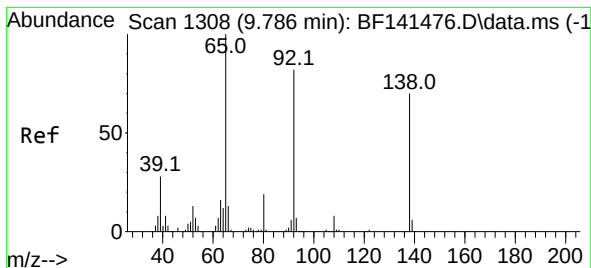
Tgt Ion:165 Resp: 130785
Ion Ratio Lower Upper
165 100
63 56.8 49.4 74.0
89 53.1 46.5 69.7



#52
Acenaphthene
Concen: 44.554 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:154 Resp: 472414
Ion Ratio Lower Upper
154 100
153 111.9 89.2 133.8
152 49.6 39.8 59.8





#53

3-Nitroaniline

Concen: 23.824 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

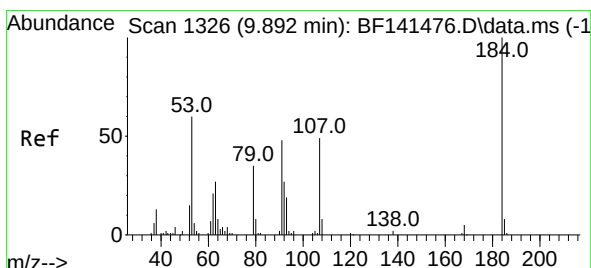
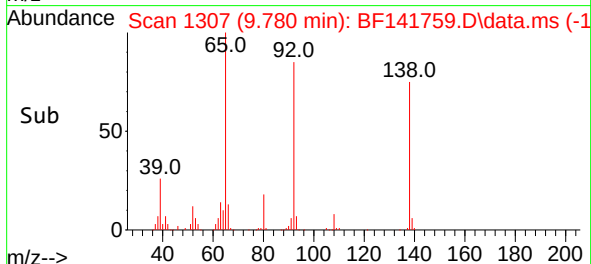
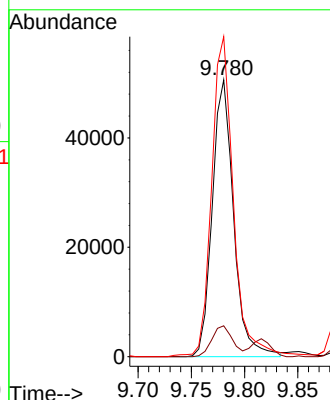
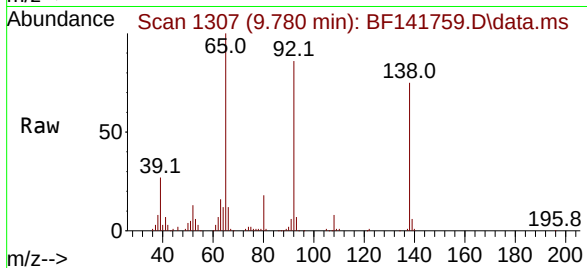
Tgt Ion:138 Resp: 70383

Ion Ratio Lower Upper

138 100

108 11.2 9.0 13.4

92 115.6 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 79.689 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

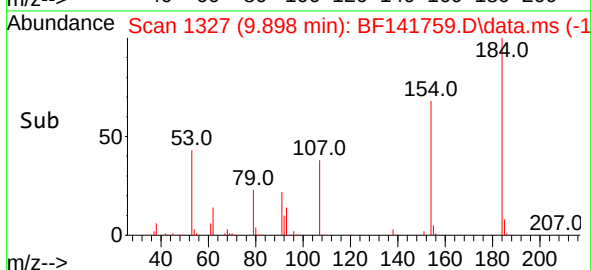
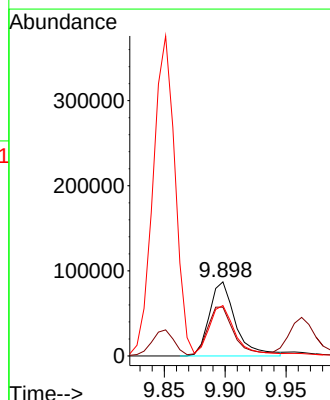
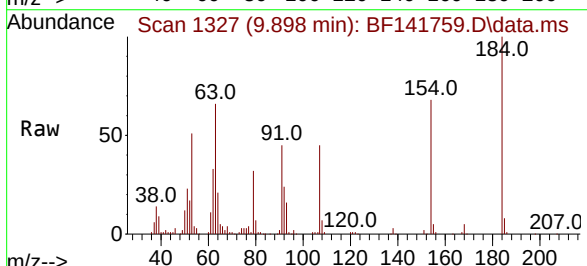
Tgt Ion:184 Resp: 130002

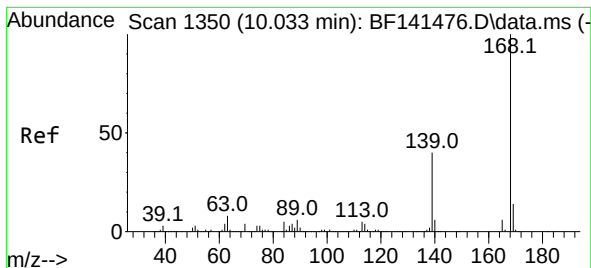
Ion Ratio Lower Upper

184 100

63 65.8 61.0 91.6

154 68.0 59.9 89.9





#55

Dibenzofuran

Concen: 43.711 ng

RT: 10.022 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

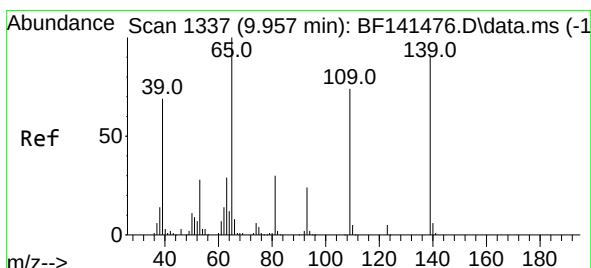
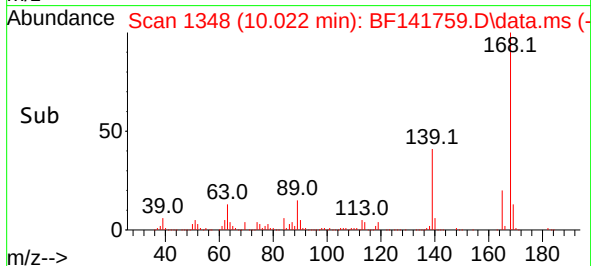
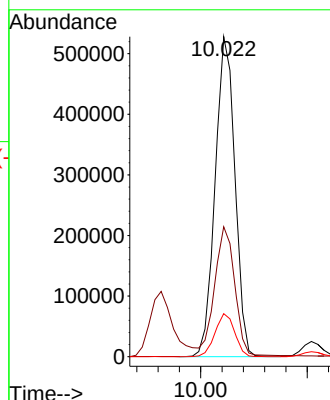
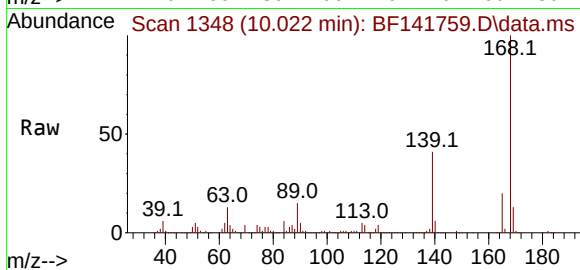
Tgt Ion:168 Resp: 680298

Ion Ratio Lower Upper

168 100

139 40.6 32.7 49.1

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 75.754 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

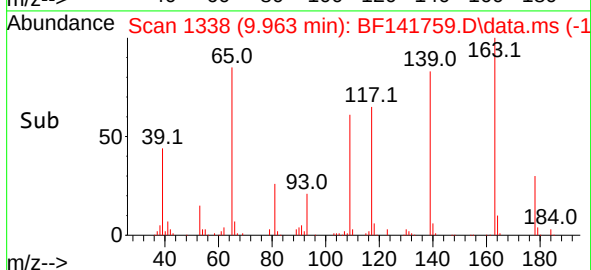
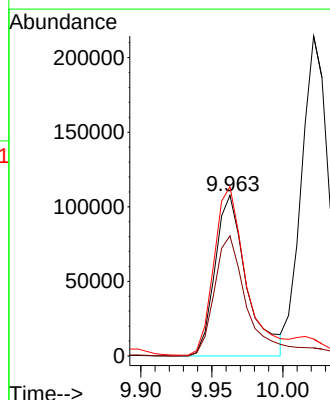
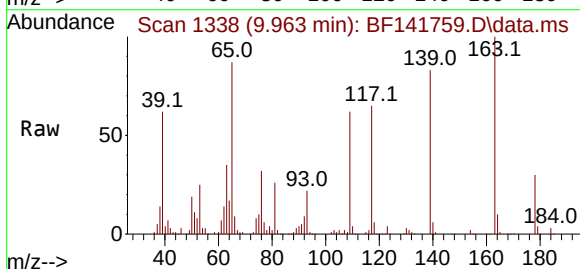
Tgt Ion:139 Resp: 166137

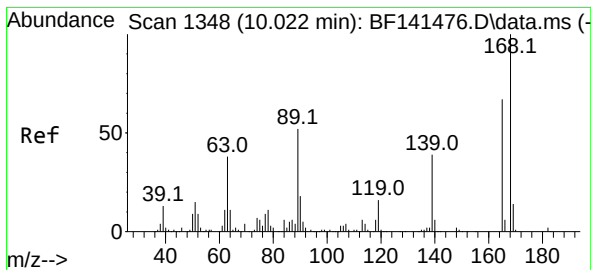
Ion Ratio Lower Upper

139 100

109 74.8 62.0 102.0

65 105.4 91.2 131.2

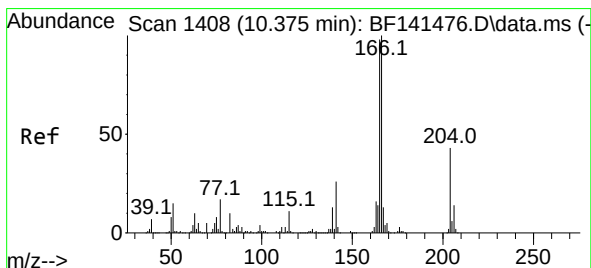
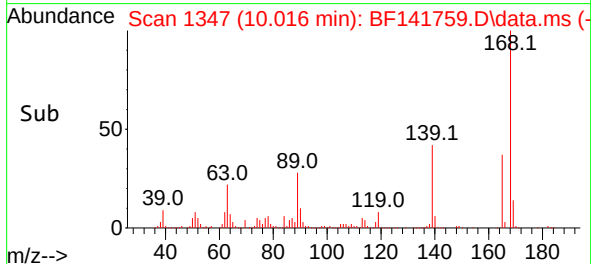
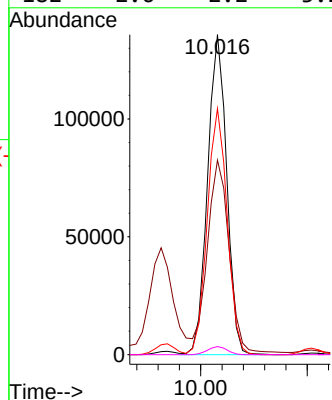
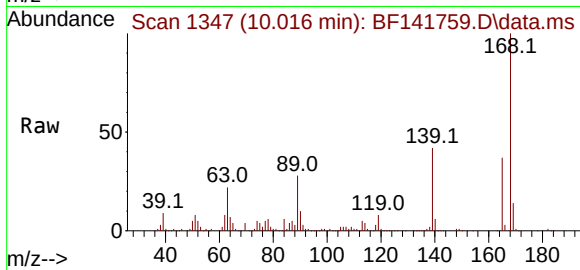




#57
2,4-Dinitrotoluene
Concen: 46.475 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

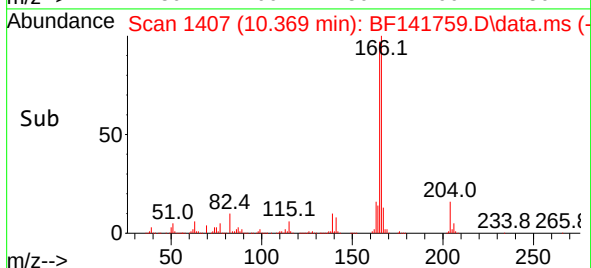
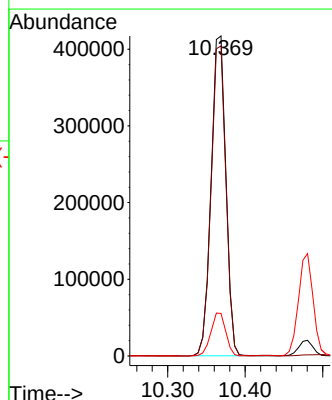
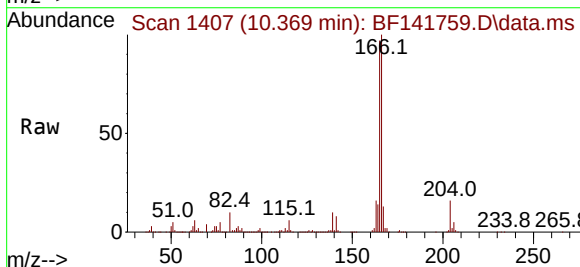
Instrument :
BNA_F
ClientSampleId :
PB166843BS

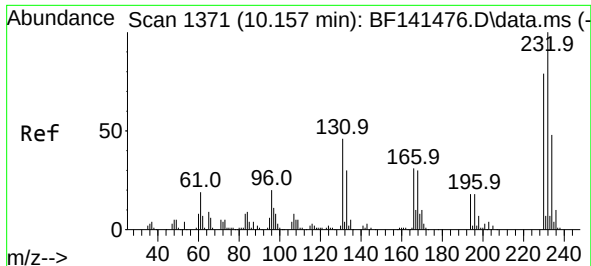
Tgt Ion:165 Resp: 169824
Ion Ratio Lower Upper
165 100
63 60.8 46.4 69.6
89 76.9 61.8 92.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 45.927 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:166 Resp: 552669
Ion Ratio Lower Upper
166 100
165 96.9 78.2 117.2
167 13.3 10.7 16.1

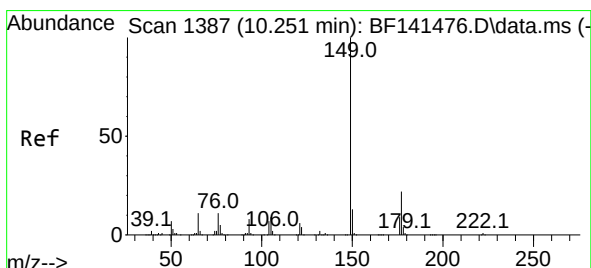
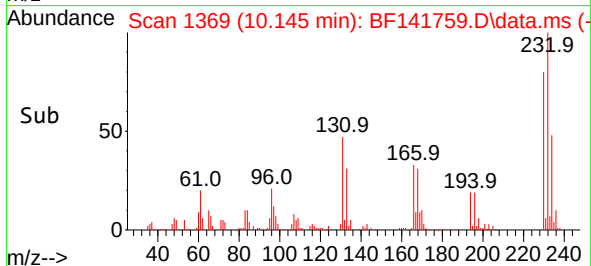
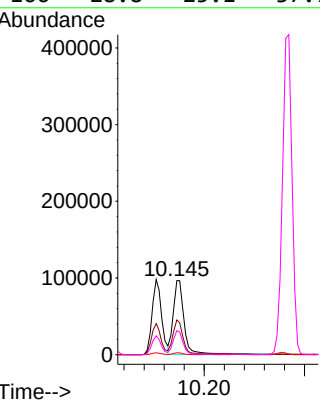
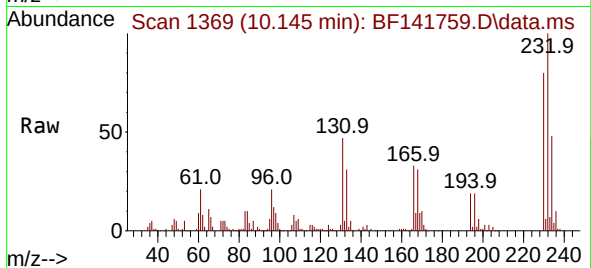




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.804 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

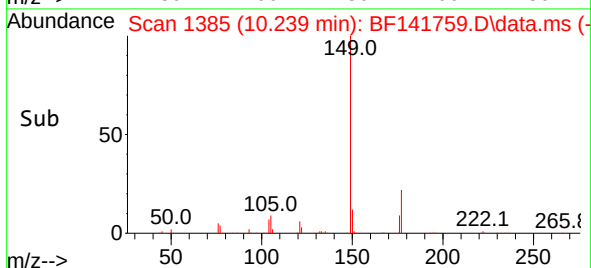
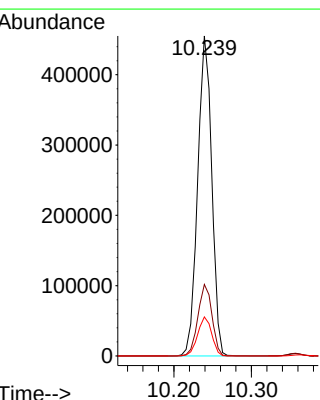
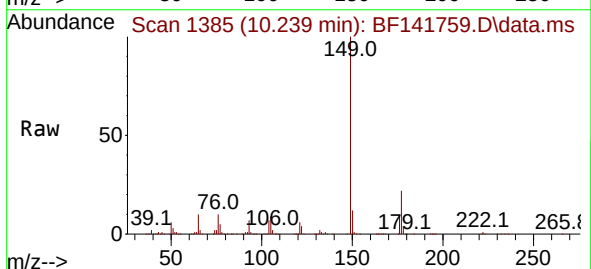
Instrument :
BNA_F
ClientSampleId :
PB166843BS

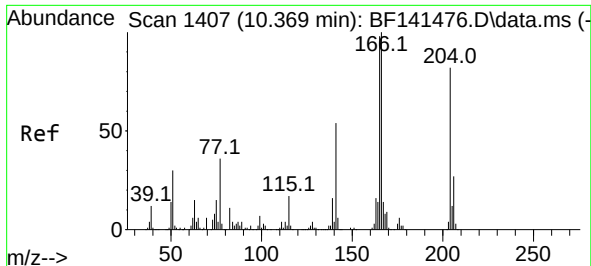
Tgt Ion:232 Resp: 144579
Ion Ratio Lower Upper
232 100
131 44.2 39.2 58.8
130 2.3 2.1 3.1
166 28.8 25.1 37.7



#60
Diethylphthalate
Concen: 46.426 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:149 Resp: 573548
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.2 10.1 15.1

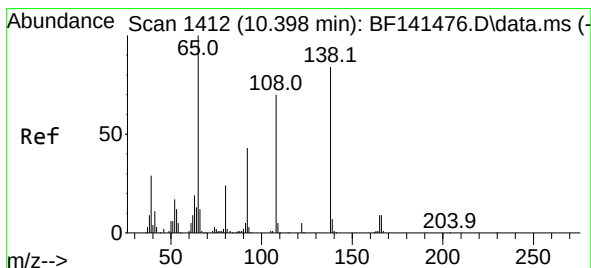
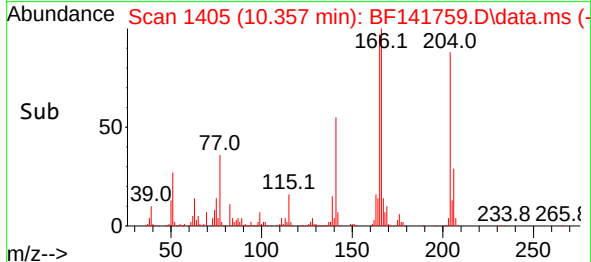
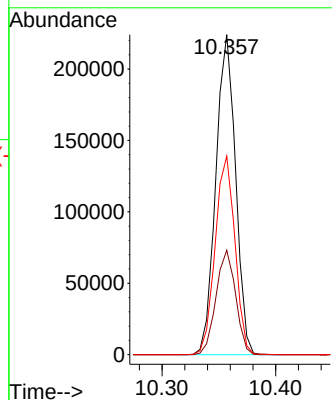
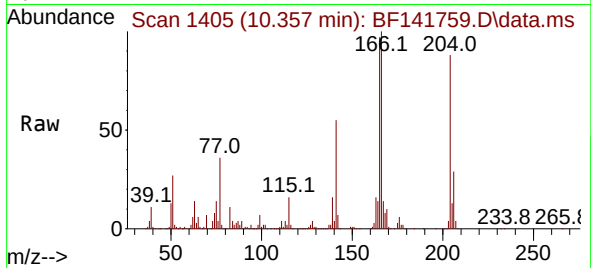




#61
4-Chlorophenyl-phenylether
Concen: 46.771 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

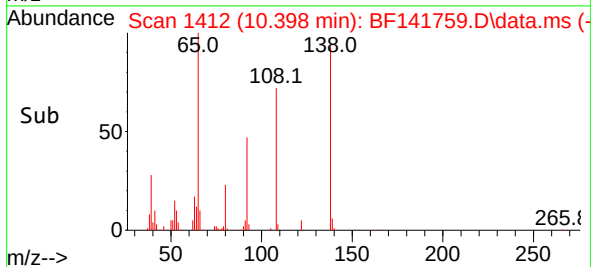
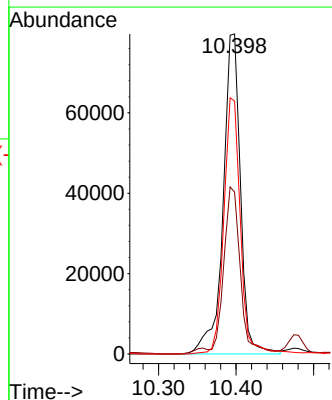
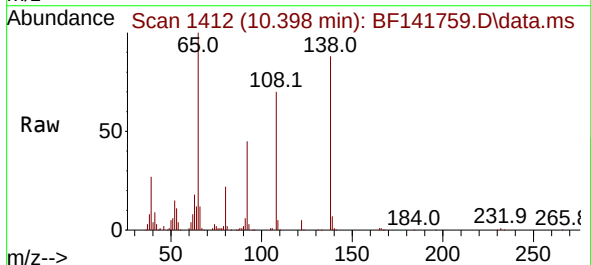
Instrument :
BNA_F
ClientSampleId :
PB166843BS

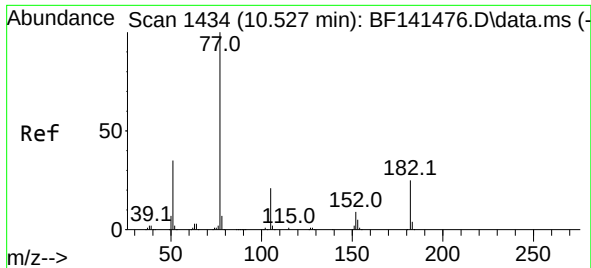
Tgt Ion:204 Resp: 270766
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 62.0 51.9 77.9



#62
4-Nitroaniline
Concen: 41.381 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:138 Resp: 124137
Ion Ratio Lower Upper
138 100
92 50.6 31.3 71.3
108 79.0 63.7 103.7

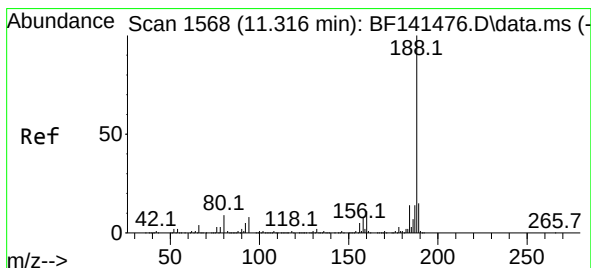
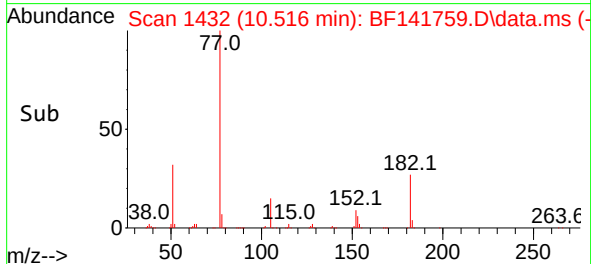
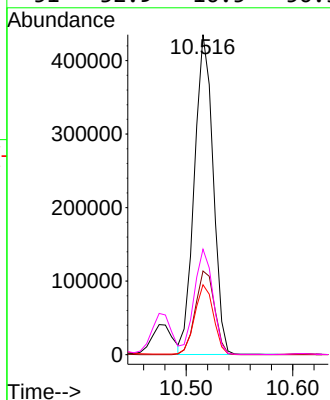
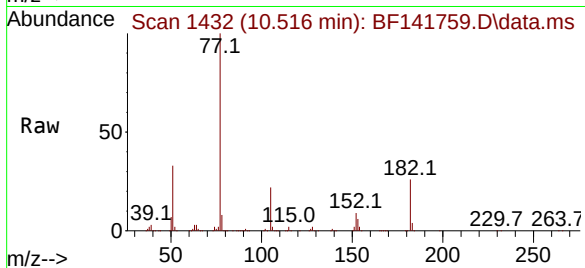




#63
Azobenzene
Concen: 43.465 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

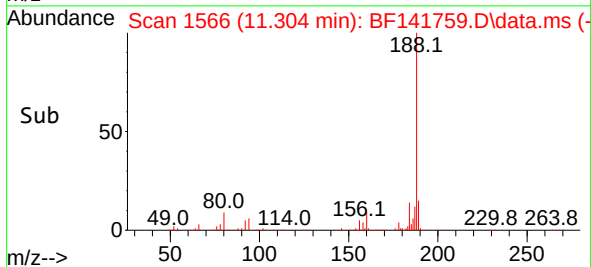
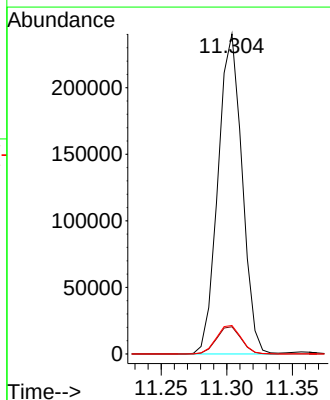
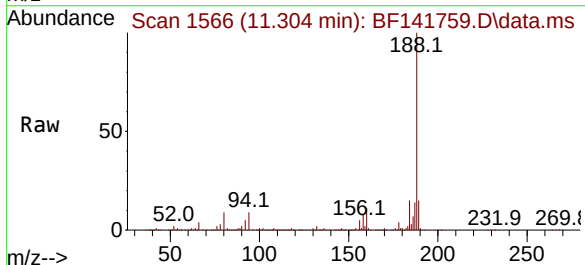
Instrument :
BNA_F
ClientSampleId :
PB166843BS

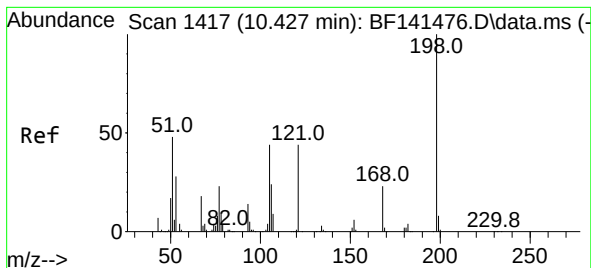
Tgt Ion: 77	Resp: 533817
Ion Ratio	Lower Upper
77 100	
182 26.1	4.7 44.7
105 21.8	0.4 40.4
51 32.9	16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:188	Resp: 306537
Ion Ratio	Lower Upper
188 100	
94 8.5	6.6 10.0
80 8.9	7.3 10.9

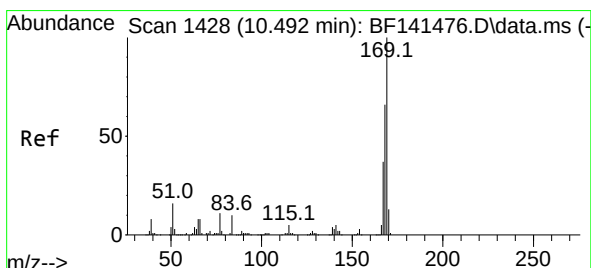
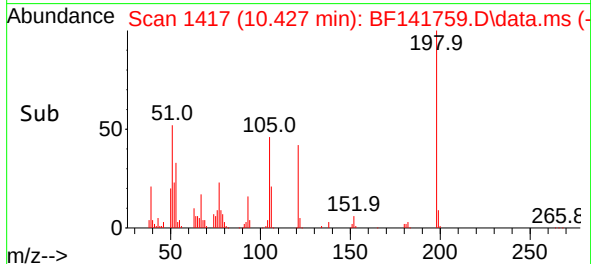
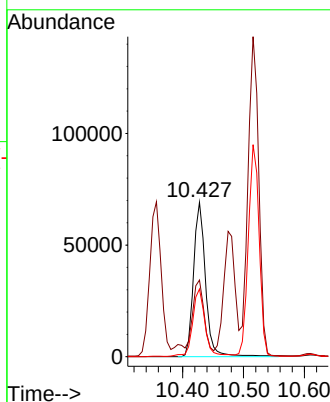
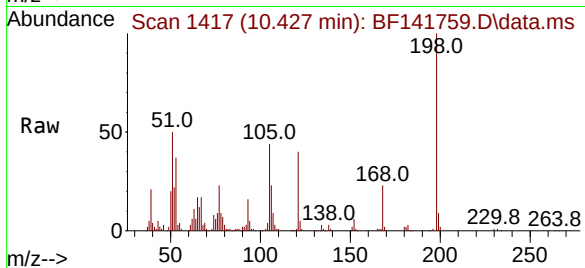




#65
4,6-Dinitro-2-methylphenol
Concen: 44.546 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

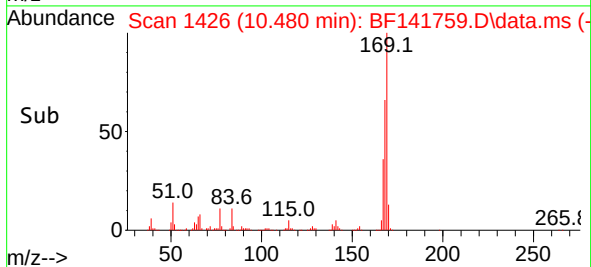
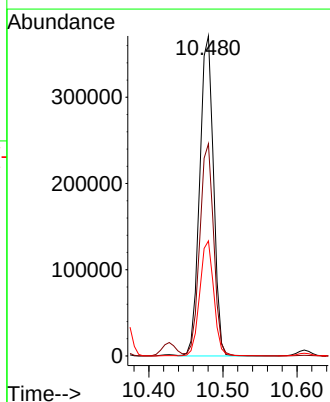
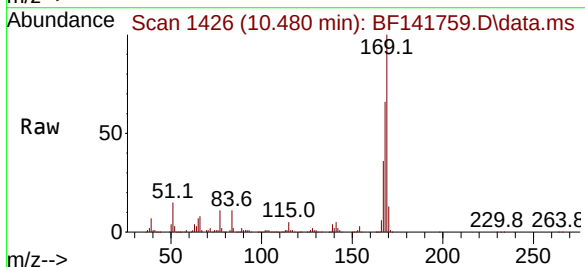
Instrument :
BNA_F
ClientSampleId :
PB166843BS

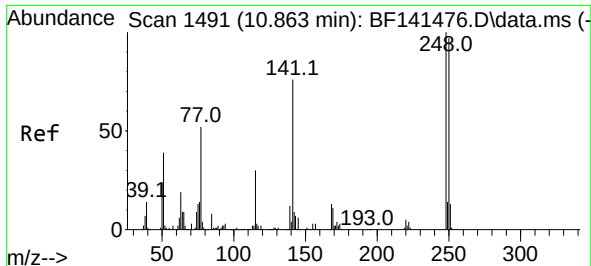
Tgt Ion:198 Resp: 94855
Ion Ratio Lower Upper
198 100
51 49.6 37.4 77.4
105 43.8 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 48.981 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:169 Resp: 480631
Ion Ratio Lower Upper
169 100
168 66.3 53.3 79.9
167 36.0 29.4 44.2





#67

4-Bromophenyl-phenylether

Concen: 49.105 ng

RT: 10.845 min Scan# 14

Delta R.T. -0.018 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

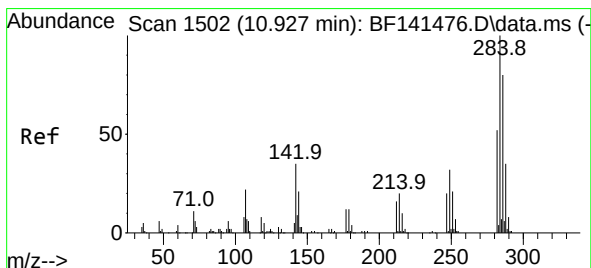
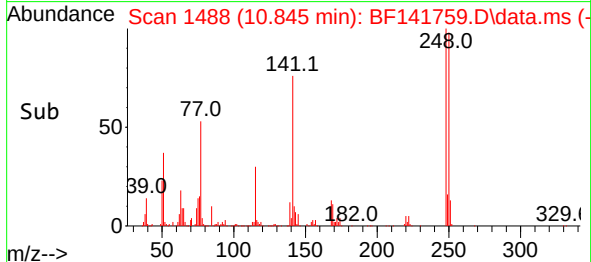
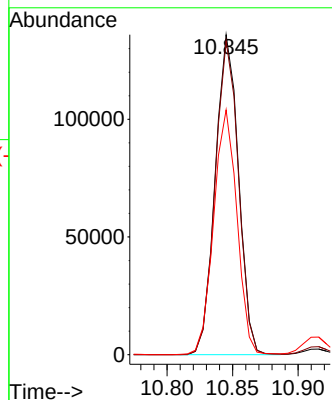
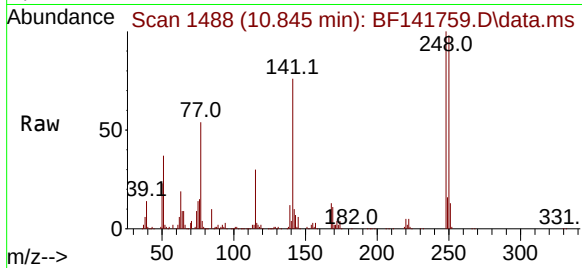
Tgt Ion:248 Resp: 168233

Ion Ratio Lower Upper

248 100

250 98.1 77.8 116.6

141 76.5 60.6 90.8



#68

Hexachlorobenzene

Concen: 50.198 ng

RT: 10.916 min Scan# 1500

Delta R.T. -0.012 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

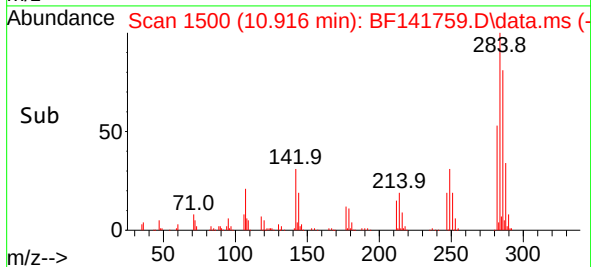
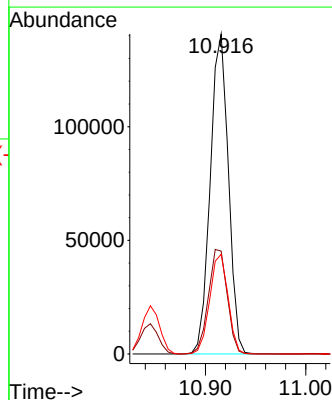
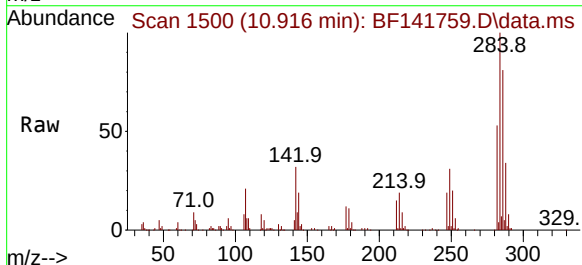
Tgt Ion:284 Resp: 177087

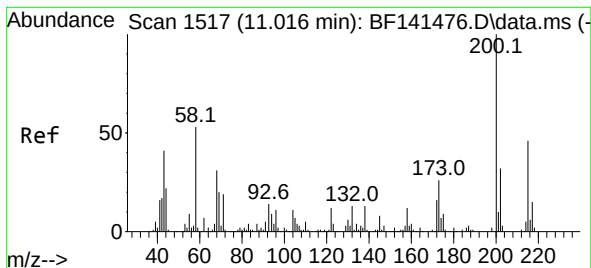
Ion Ratio Lower Upper

284 100

142 32.1 28.0 42.0

249 31.1 25.8 38.8





#69

Atrazine

Concen: 61.758 ng

RT: 11.010 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

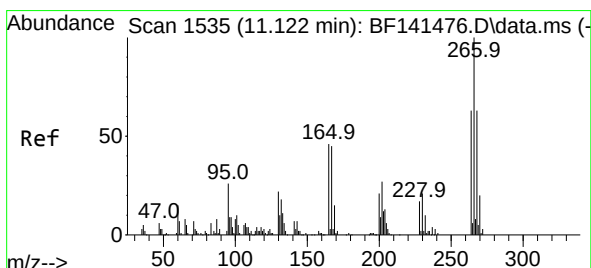
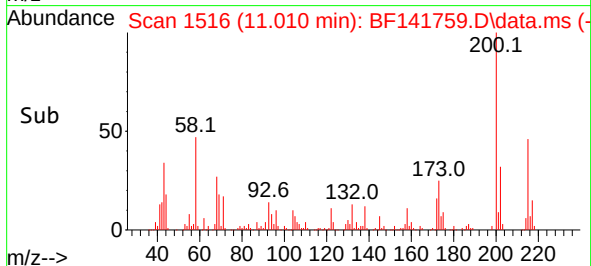
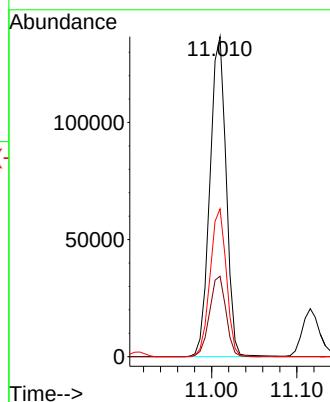
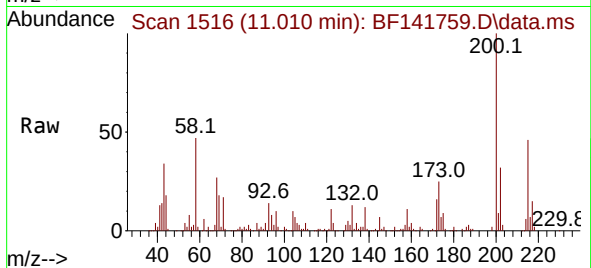
Tgt Ion:200 Resp: 181802

Ion Ratio Lower Upper

200 100

173 25.1 5.9 45.9

215 46.2 25.9 65.9



#70

Pentachlorophenol

Concen: 75.462 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

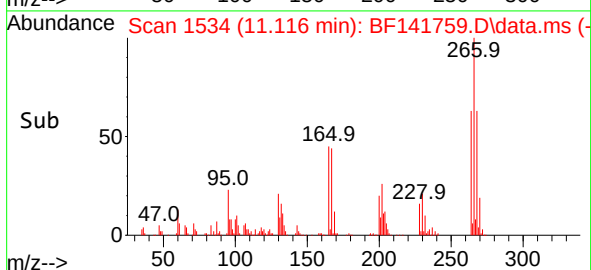
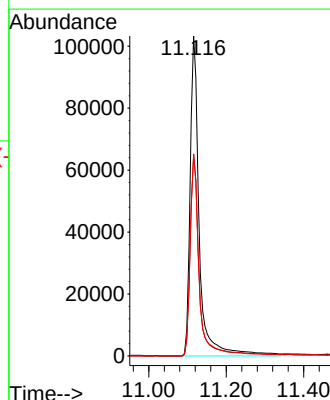
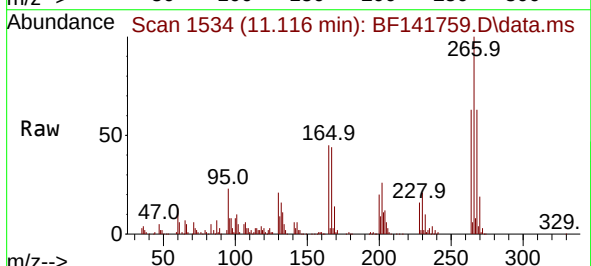
Tgt Ion:266 Resp: 170223

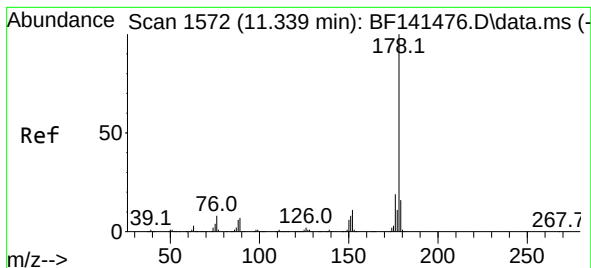
Ion Ratio Lower Upper

266 100

268 63.1 50.1 75.1

264 62.9 50.1 75.1





#71

Phenanthrene

Concen: 47.396 ng

RT: 11.327 min Scan# 1570

Delta R.T. -0.018 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

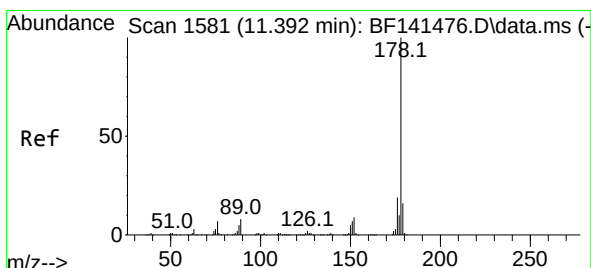
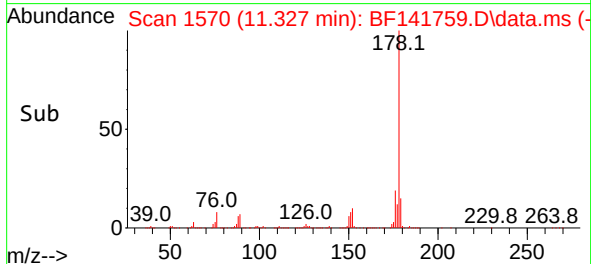
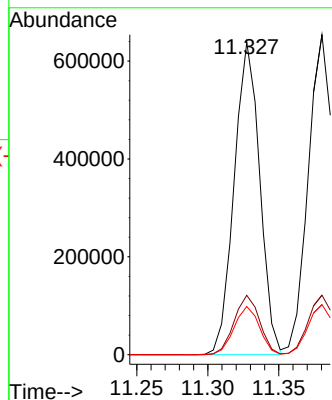
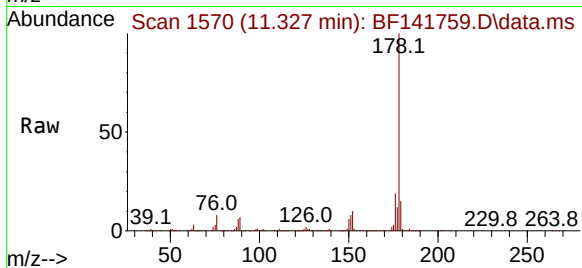
Tgt Ion:178 Resp: 799740

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.4 12.4 18.6



#72

Anthracene

Concen: 48.668 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.018 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

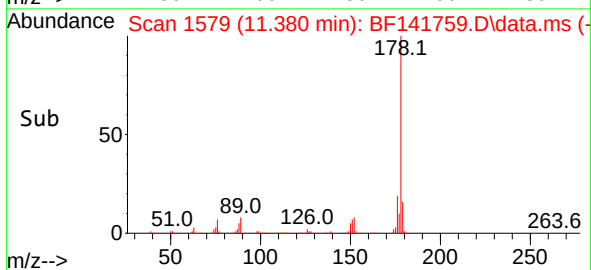
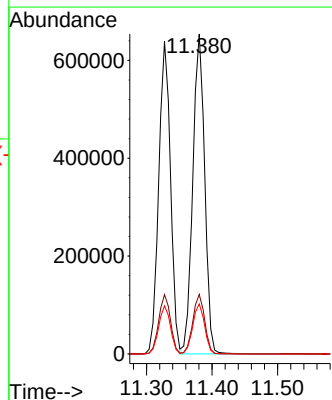
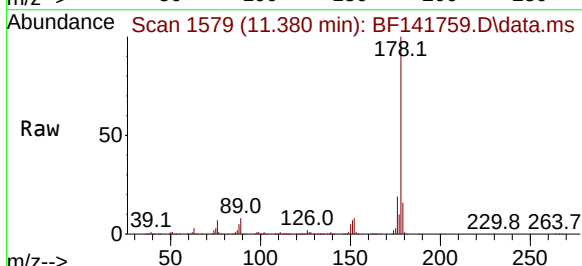
Tgt Ion:178 Resp: 825499

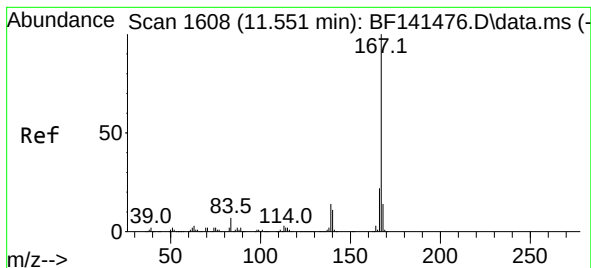
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.7 12.4 18.6





#73

Carbazole

Concen: 46.010 ng

RT: 11.539 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

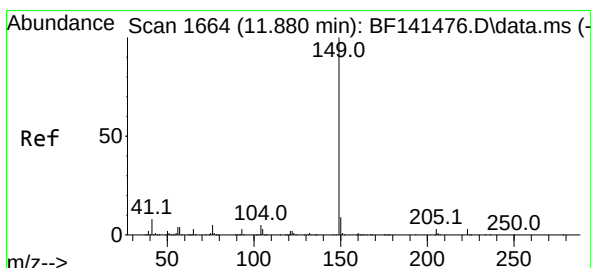
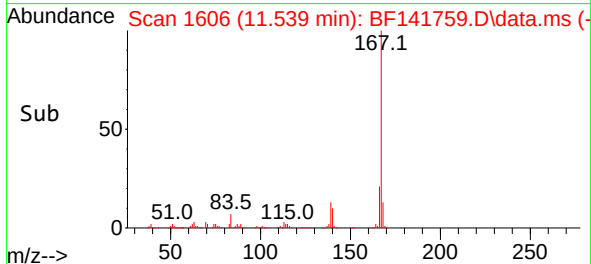
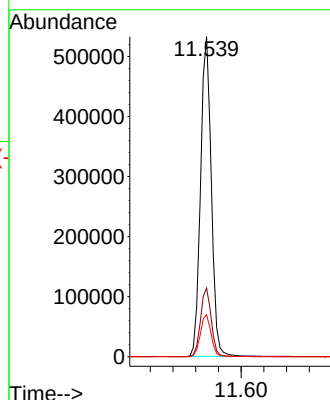
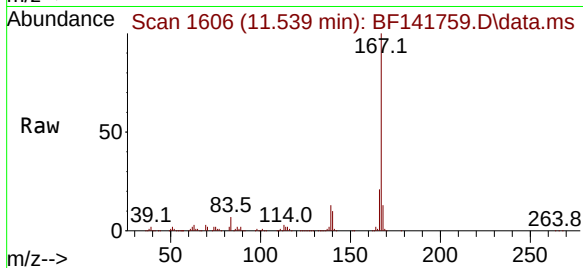
Tgt Ion:167 Resp: 702206

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 13.1 10.9 16.3



#74

Di-n-butylphthalate

Concen: 48.513 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.018 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

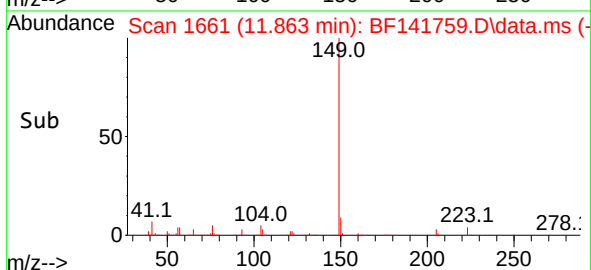
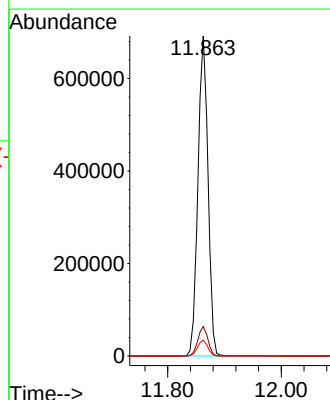
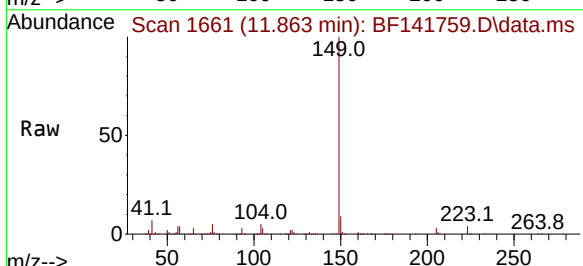
Tgt Ion:149 Resp: 854929

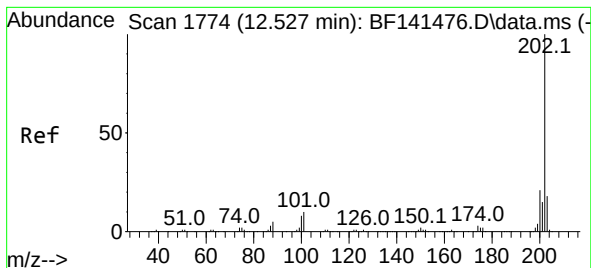
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 44.177 ng

RT: 12.516 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

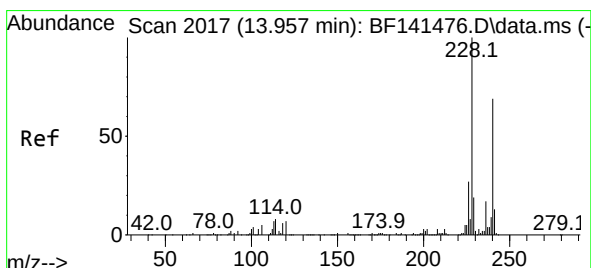
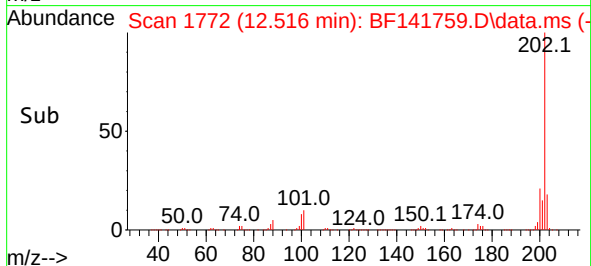
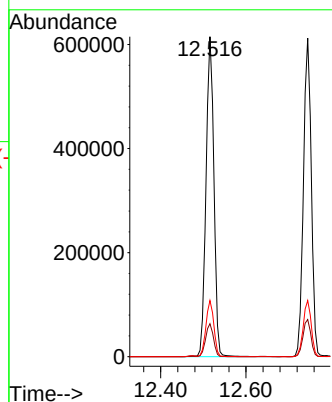
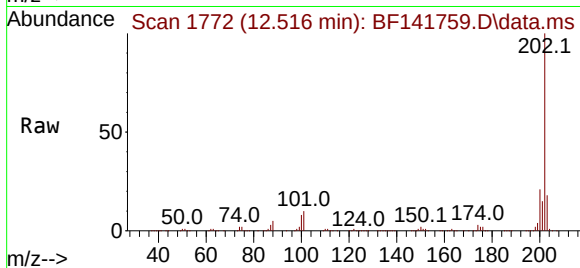
Tgt Ion:202 Resp: 790284

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.2

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.018 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

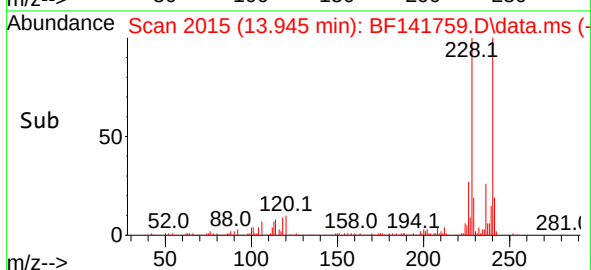
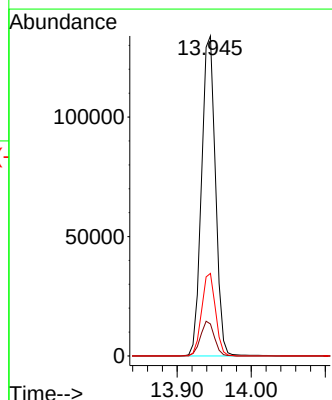
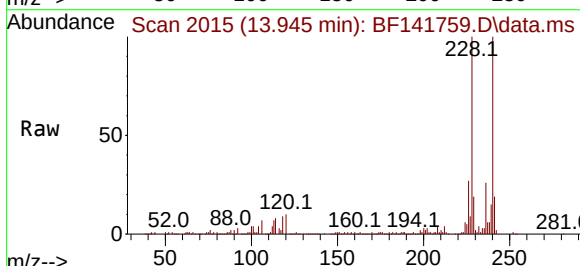
Tgt Ion:240 Resp: 174594

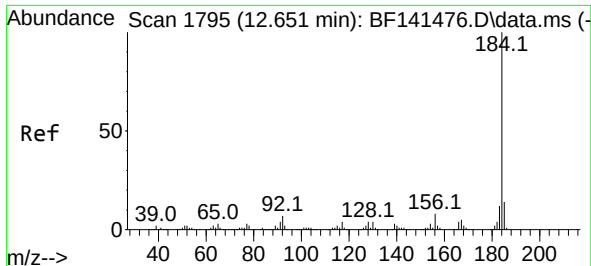
Ion Ratio Lower Upper

240 100

120 10.0 8.0 12.0

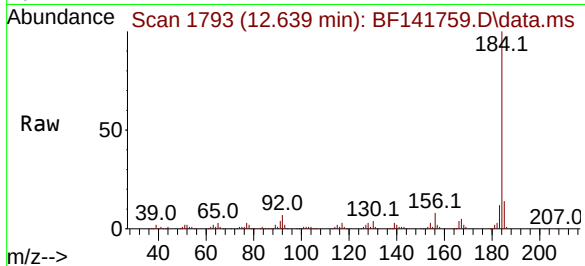
236 25.8 19.8 29.8



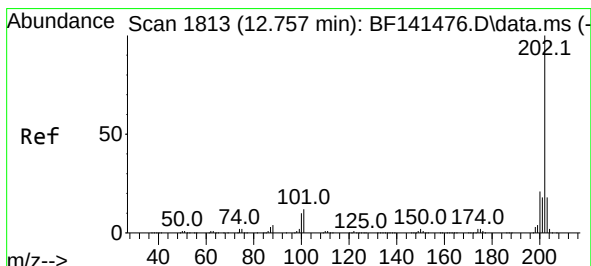
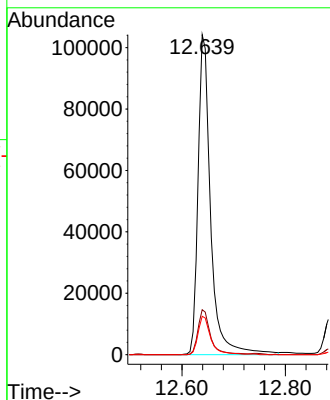
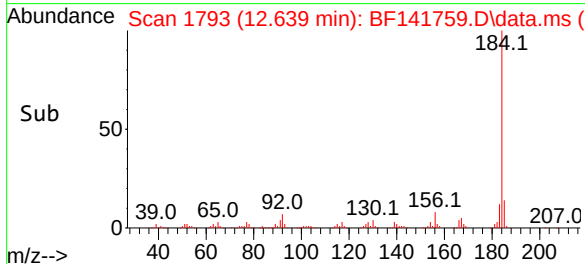


#77
Benzidine
Concen: 45.724 ng
RT: 12.639 min Scan# 1793
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

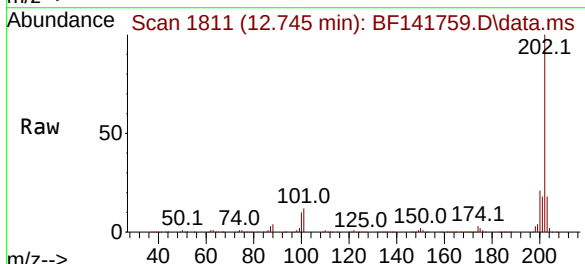
Instrument :
BNA_F
ClientSampleId :
PB166843BS



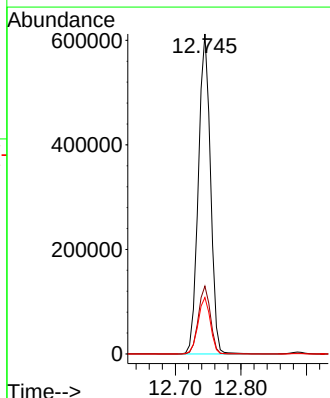
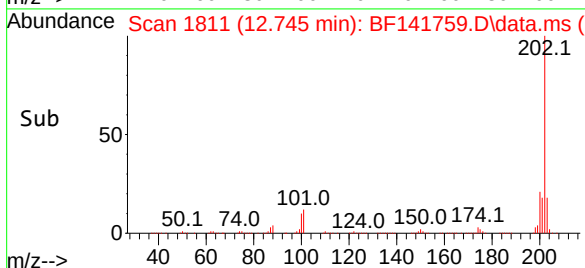
Tgt Ion:184 Resp: 176064
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 12.0 9.3 13.9

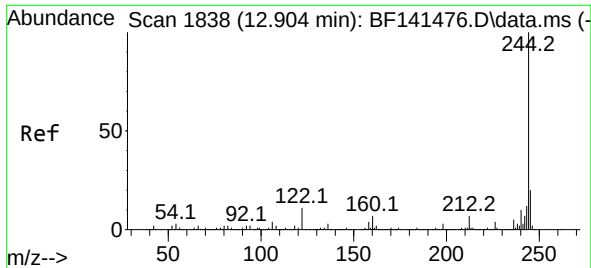


#78
Pyrene
Concen: 52.997 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33



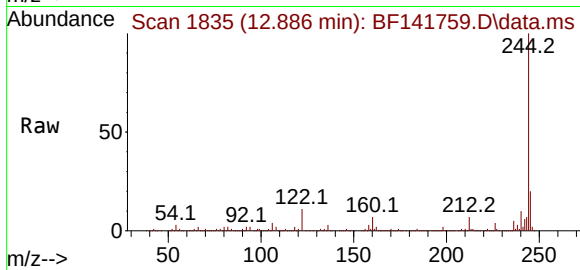
Tgt Ion:202 Resp: 787684
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.6 14.3 21.5





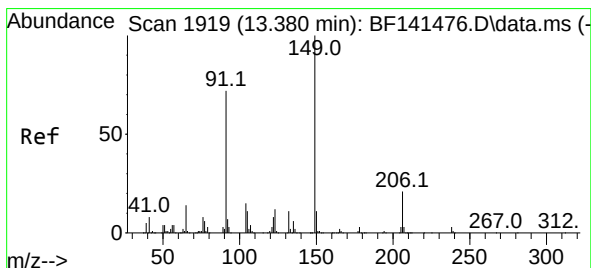
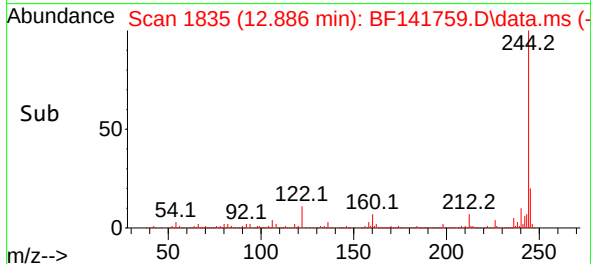
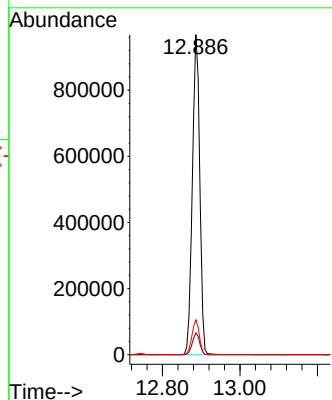
#79
 Terphenyl-d14
 Concen: 123.957 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.018 min
 Lab File: BF141759.D
 Acq: 25 Feb 2025 12:33

Instrument :
 BNA_F
 ClientSampleId :
 PB166843BS



Tgt Ion:244 Resp: 1281986

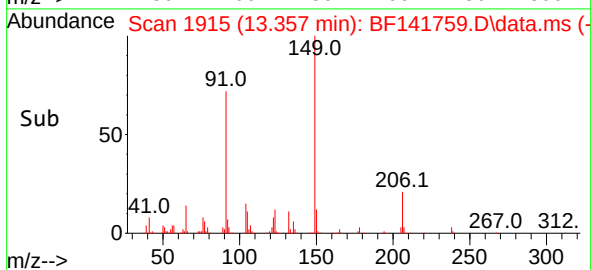
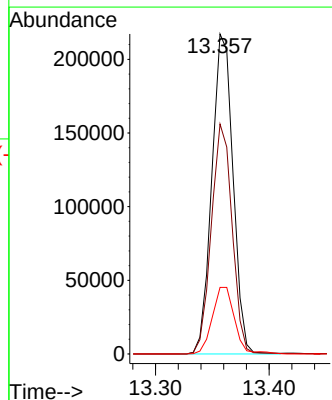
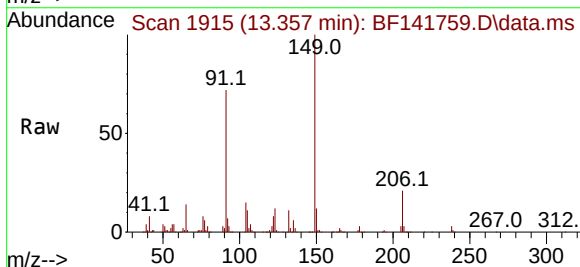
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.9	8.4	12.6

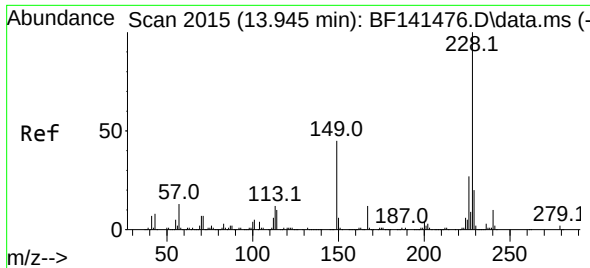


#80
 Butylbenzylphthalate
 Concen: 54.583 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.023 min
 Lab File: BF141759.D
 Acq: 25 Feb 2025 12:33

Tgt Ion:149 Resp: 280994

Ion	Ratio	Lower	Upper
149	100		
91	71.8	57.8	86.8
206	20.8	16.7	25.1

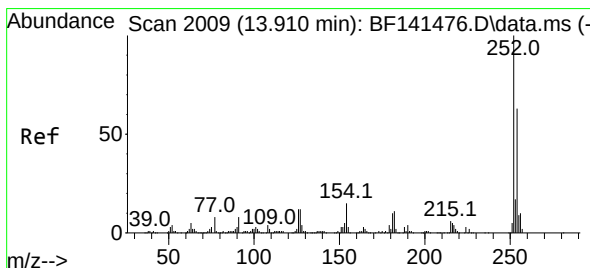
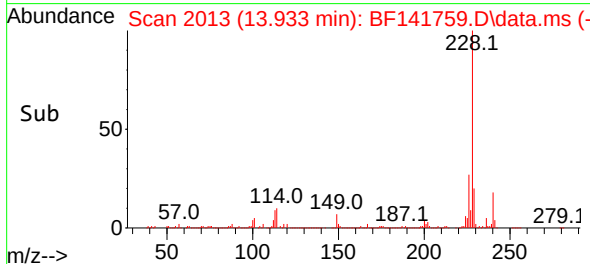
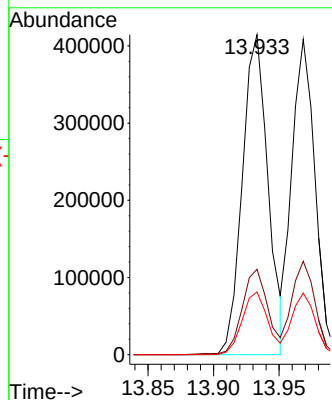
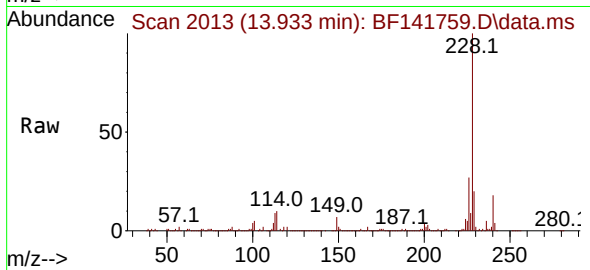




#81
Benzo(a)anthracene
Concen: 48.676 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

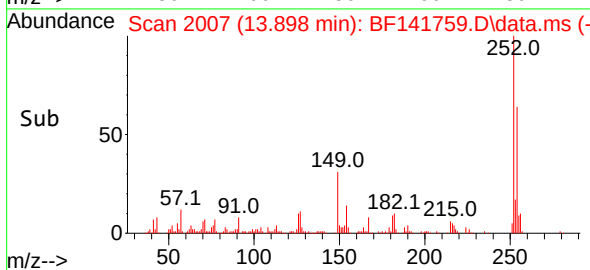
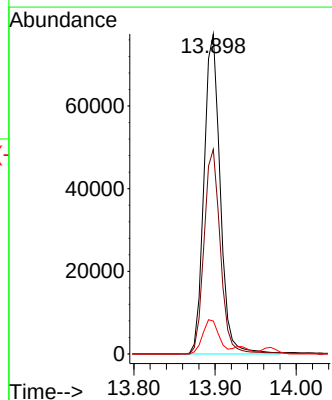
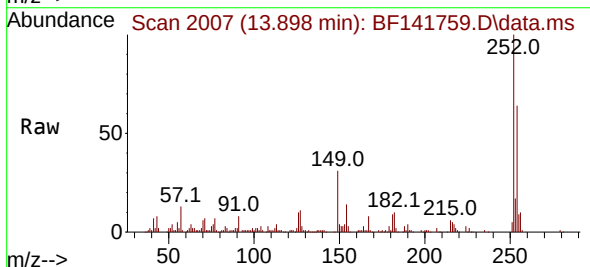
Instrument :
BNA_F
ClientSampleId :
PB166843BS

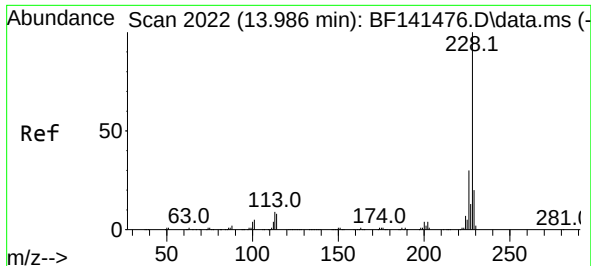
Tgt Ion:228 Resp: 564926
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 32.246 ng
RT: 13.898 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:252 Resp: 107204
Ion Ratio Lower Upper
252 100
254 64.0 50.6 76.0
126 10.3 9.3 13.9

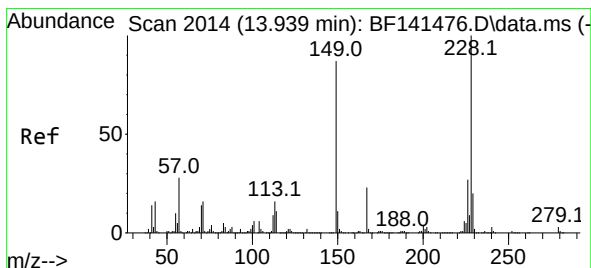
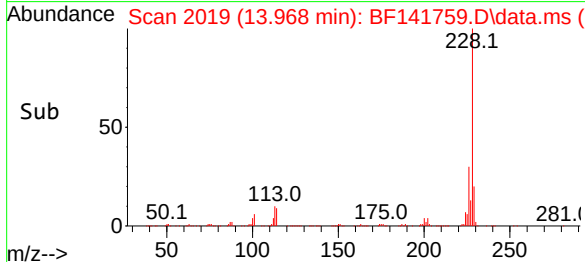
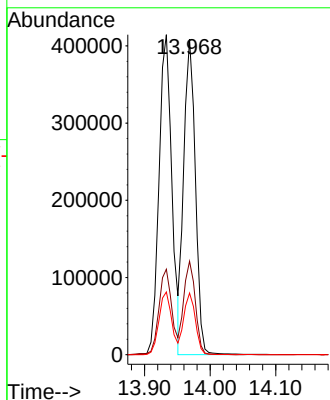
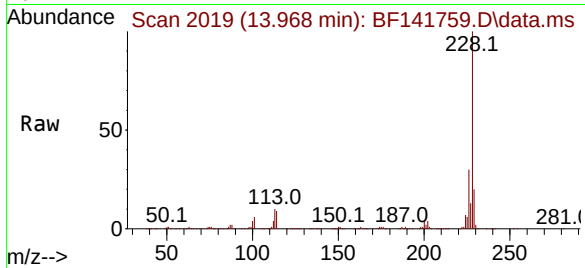




#83
Chrysene
Concen: 46.867 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.023 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

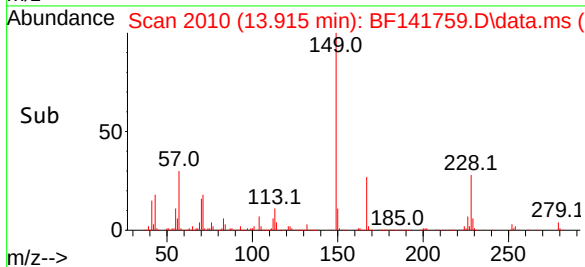
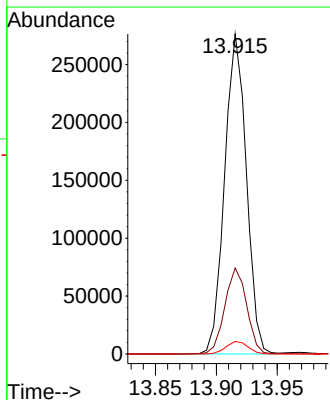
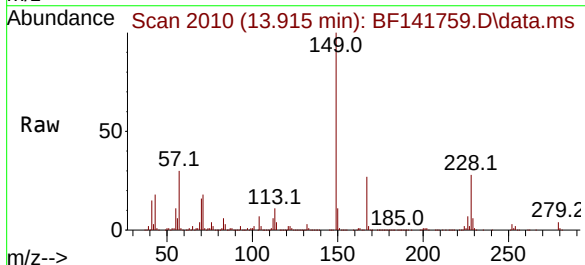
Instrument :
BNA_F
ClientSampleId :
PB166843BS

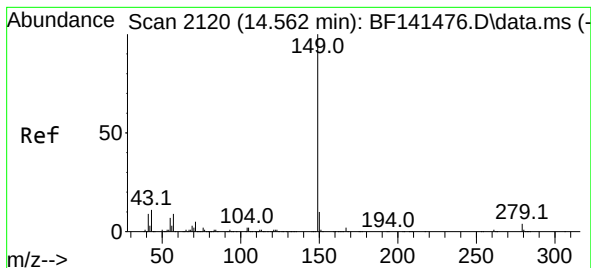
Tgt Ion:228 Resp: 502243
Ion Ratio Lower Upper
228 100
226 29.6 24.0 36.0
229 19.5 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.124 ng
RT: 13.915 min Scan# 2010
Delta R.T. -0.023 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:149 Resp: 343284
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 59.989 ng

RT: 14.527 min Scan# 2114

Delta R.T. -0.035 min

Lab File: BF141759.D

Acq: 25 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166843BS

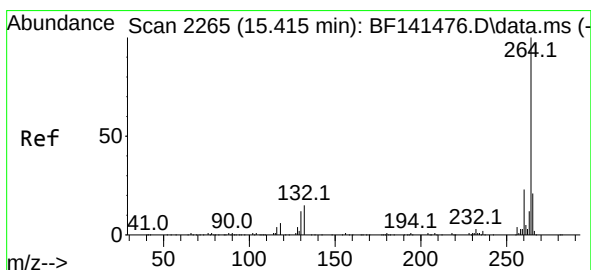
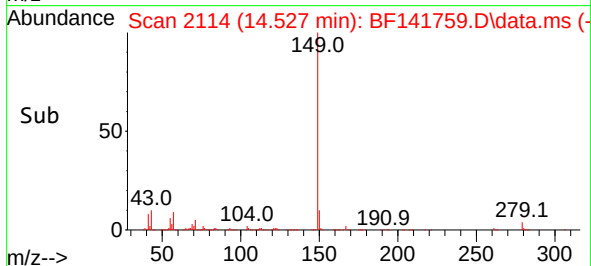
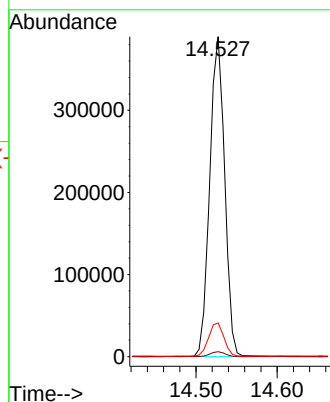
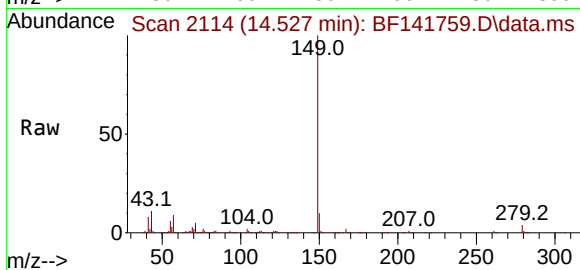
Tgt Ion:149 Resp: 496883

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.7 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: BF141759.D

Acq: 25 Feb 2025 12:33

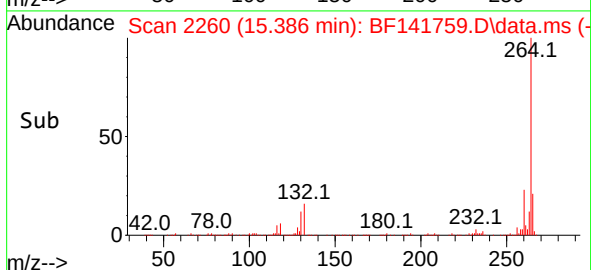
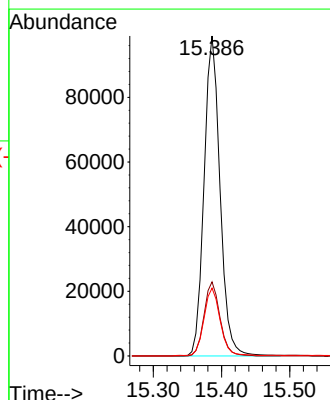
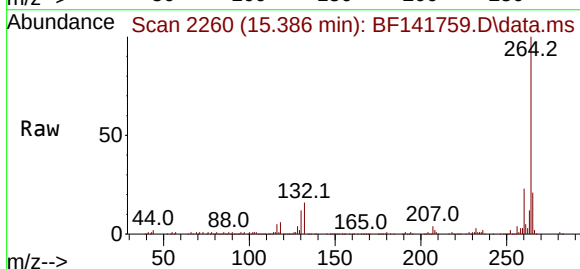
Tgt Ion:264 Resp: 161008

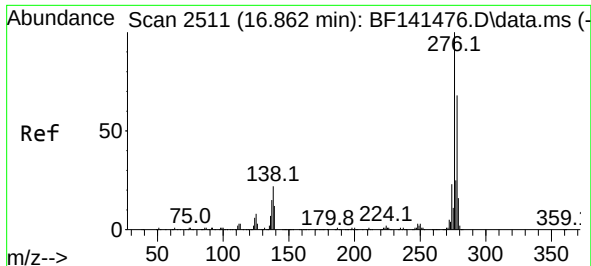
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.2 17.0 25.4

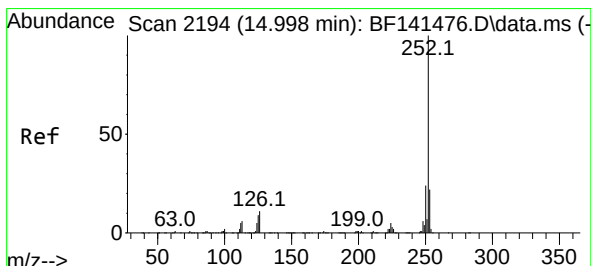
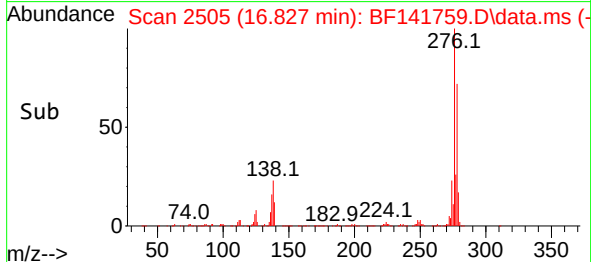
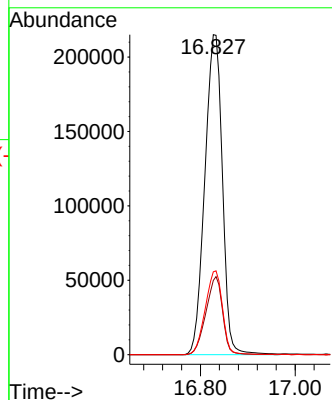
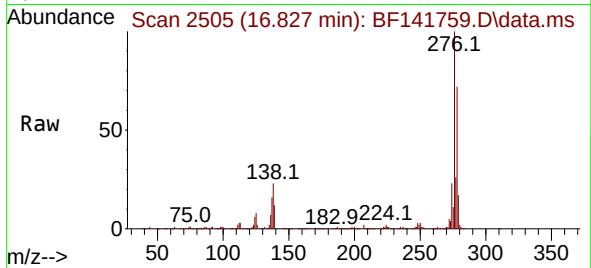




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 55.600 ng
 RT: 16.827 min Scan# 2189
 Delta R.T. -0.047 min
 Lab File: BF141759.D
 Acq: 25 Feb 2025 12:33

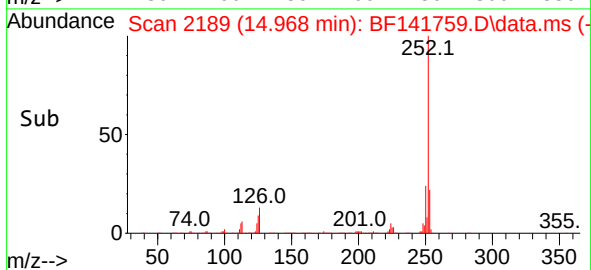
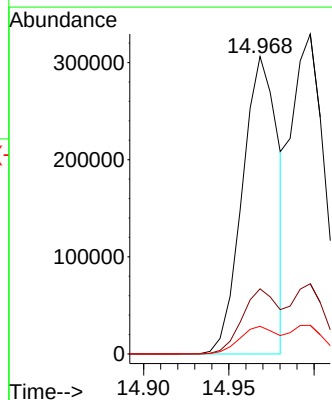
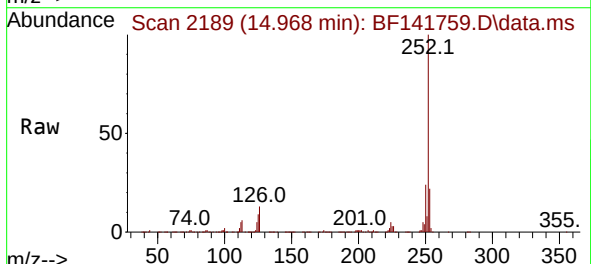
Instrument :
 BNA_F
 ClientSampleId :
 PB166843BS

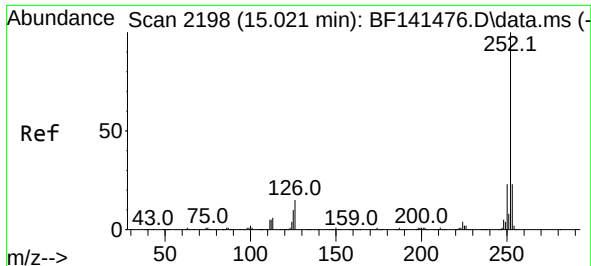
Tgt Ion:276 Resp: 553138
 Ion Ratio Lower Upper
 276 100
 138 23.2 18.0 27.0
 277 25.7 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 41.226 ng
 RT: 14.968 min Scan# 2189
 Delta R.T. -0.035 min
 Lab File: BF141759.D
 Acq: 25 Feb 2025 12:33

Tgt Ion:252 Resp: 445694
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 9.3 7.0 10.6

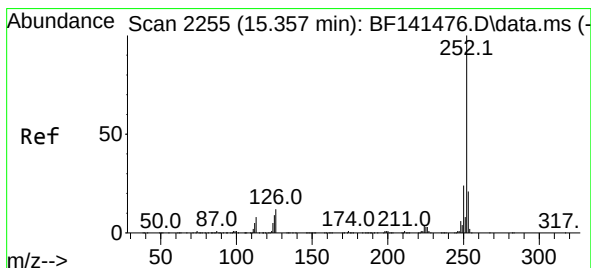
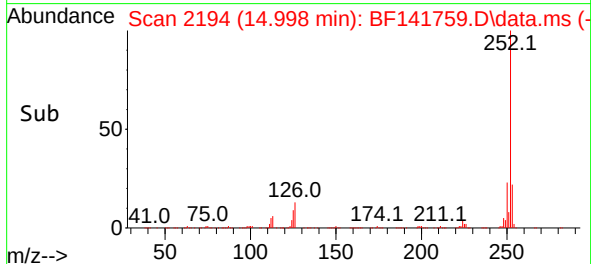
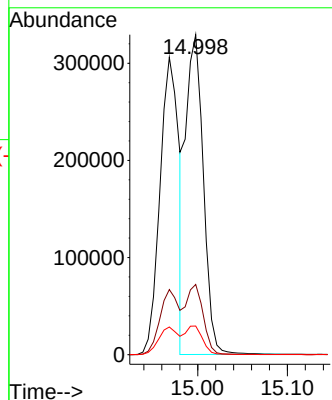
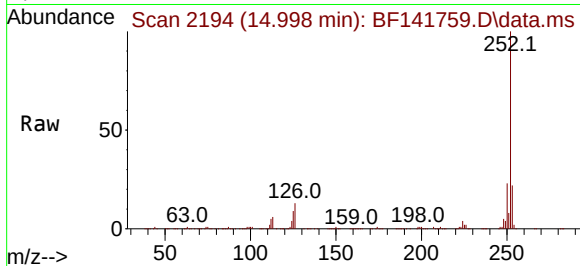




#89
Benzo(k)fluoranthene
Concen: 48.594 ng
RT: 14.998 min Scan# 2198
Delta R.T. -0.035 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

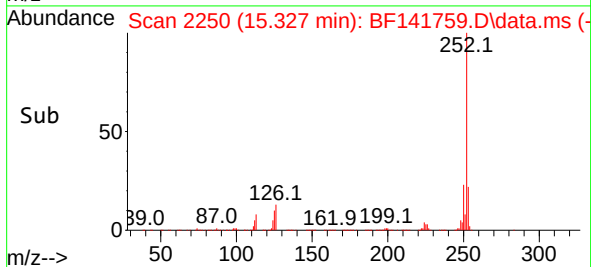
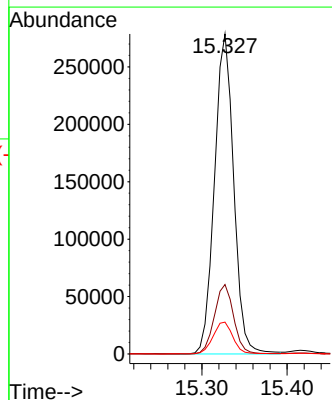
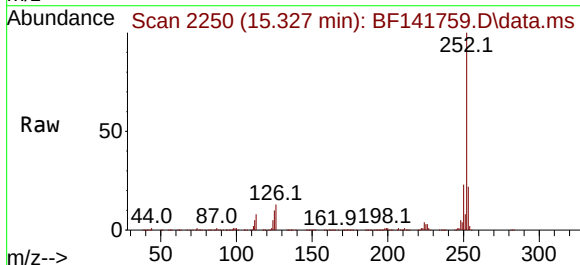
Instrument :
BNA_F
ClientSampleId :
PB166843BS

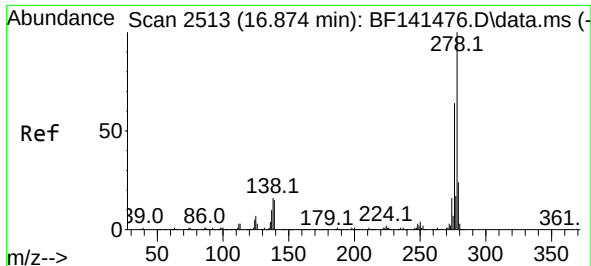
Tgt Ion:252 Resp: 448598
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 8.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 50.024 ng
RT: 15.327 min Scan# 2250
Delta R.T. -0.035 min
Lab File: BF141759.D
Acq: 25 Feb 2025 12:33

Tgt Ion:252 Resp: 437602
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.9 7.4 11.2

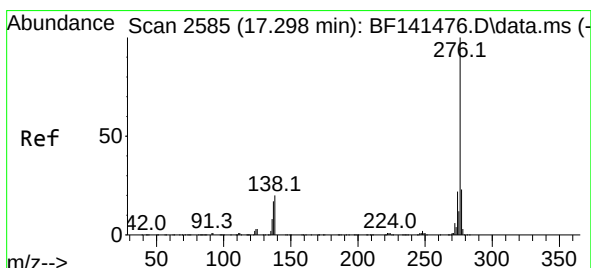
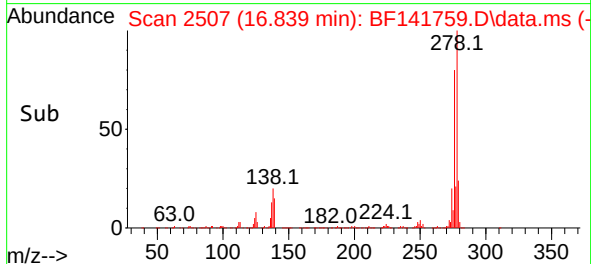
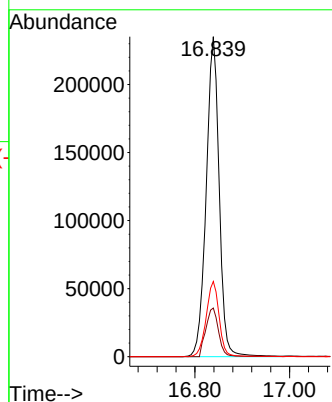
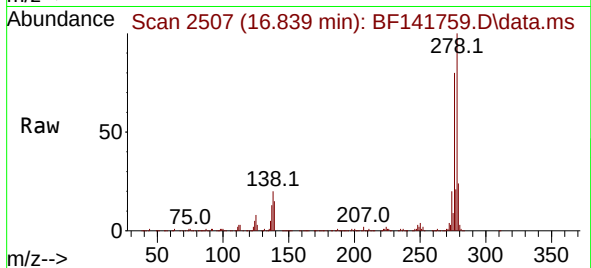




#91
 Dibenzo(a,h)anthracene
 Concen: 55.533 ng
 RT: 16.839 min Scan# 2507
 Delta R.T. -0.053 min
 Lab File: BF141759.D
 Acq: 25 Feb 2025 12:33

Instrument :
 BNA_F
 ClientSampleId :
 PB166843BS

Tgt Ion:278 Resp: 447660
 Ion Ratio Lower Upper
 278 100
 139 15.2 11.8 17.6
 279 23.5 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 51.792 ng
 RT: 17.256 min Scan# 2578
 Delta R.T. -0.059 min
 Lab File: BF141759.D
 Acq: 25 Feb 2025 12:33

Tgt Ion:276 Resp: 436900
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.6 28.0
 138 20.0 15.9 23.9

