

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141659.D
 Acq On : 18 Feb 2025 13:53
 Operator : RC/JU
 Sample : PB166751BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166751BS

Quant Time: Feb 18 14:50:04 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	92496	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	370113	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	201866	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	343799	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	230469	20.000	ng	-0.02
86) Perylene-d12	15.380	264	180550	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	755117	127.987	ng	0.00
7) Phenol-d6	6.428	99	933283	125.155	ng	-0.01
23) Nitrobenzene-d5	7.345	82	611176	86.130	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	268217	132.268	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1162189	88.698	ng	-0.01
79) Terphenyl-d14	12.886	244	1356746	99.381	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	97094	40.889	ng	96
3) Pyridine	3.322	79	224133	39.665	ng	95
4) n-Nitrosodimethylamine	3.275	42	146542	39.166	ng	92
6) Aniline	6.445	93	232525	33.241	ng	# 76
8) 2-Chlorophenol	6.569	128	270056	42.361	ng	100
9) Benzaldehyde	6.334	77	119915	30.261	ng	97
10) Phenol	6.440	94	314864	40.568	ng	95
11) bis(2-Chloroethyl)ether	6.516	93	259864	44.577	ng	98
12) 1,3-Dichlorobenzene	6.722	146	283528	42.127	ng	98
13) 1,4-Dichlorobenzene	6.798	146	288631	41.974	ng	99
14) 1,2-Dichlorobenzene	6.951	146	275276	43.132	ng	98
15) Benzyl Alcohol	6.928	79	226245	39.564	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	393419	39.424	ng	74
17) 2-Methylphenol	7.045	107	210976	42.289	ng	97
18) Hexachloroethane	7.287	117	109235	42.923	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	185857	41.667	ng	95
20) 3+4-Methylphenols	7.198	107	273555	43.146	ng	97
22) Acetophenone	7.192	105	409039	44.428	ng	95
24) Nitrobenzene	7.369	77	284231	41.077	ng	98
25) Isophorone	7.604	82	492248	43.507	ng	98
26) 2-Nitrophenol	7.681	139	143842	41.784	ng	95
27) 2,4-Dimethylphenol	7.722	122	214567	53.353	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	306232	42.239	ng	99
29) 2,4-Dichlorophenol	7.934	162	229356	42.209	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	243238	41.107	ng	99
31) Naphthalene	8.086	128	778477	40.407	ng	100
32) Benzoic acid	7.869	122	163183	39.064	ng	98
33) 4-Chloroaniline	8.145	127	60510	8.996	ng	98
34) Hexachlorobutadiene	8.198	225	150323	42.317	ng	100
35) Caprolactam	8.510	113	44254	26.749	ng	92
36) 4-Chloro-3-methylphenol	8.633	107	247291	41.084	ng	100
37) 2-Methylnaphthalene	8.775	142	494536	39.446	ng	100
38) 1-Methylnaphthalene	8.875	142	476063	39.207	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	270711	46.353	ng	99
41) Hexachlorocyclopentadiene	8.928	237	271793	139.919	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	160992	42.651	ng	99

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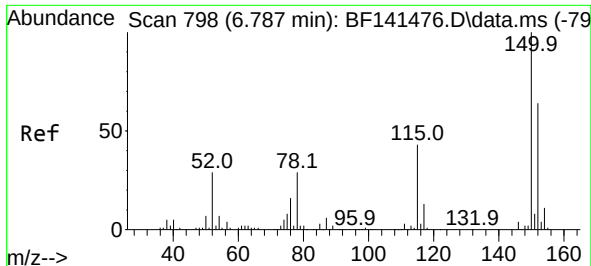
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	168649	41.226	ng	98
46) 1,1'-Biphenyl	9.239	154	717426	45.841	ng	100
47) 2-Chloronaphthalene	9.263	162	489548	42.301	ng	99
48) 2-Nitroaniline	9.369	65	160668	41.368	ng	96
49) Acenaphthylene	9.680	152	748287	43.471	ng	99
50) Dimethylphthalate	9.545	163	586460	42.794	ng	99
51) 2,6-Dinitrotoluene	9.610	165	130976	43.720	ng	93
52) Acenaphthene	9.851	154	474720	41.022	ng	99
53) 3-Nitroaniline	9.780	138	76996	23.879	ng	95
54) 2,4-Dinitrophenol	9.892	184	146783	82.439	ng	93
55) Dibenzofuran	10.022	168	679939	40.029	ng	100
56) 4-Nitrophenol	9.957	139	192902	80.591	ng	96
57) 2,4-Dinitrotoluene	10.016	165	173135	43.412	ng	97
58) Fluorene	10.369	166	553431	42.138	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	143574	40.766	ng	98
60) Diethylphthalate	10.239	149	566321	42.002	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	265532	42.025	ng	99
62) 4-Nitroaniline	10.392	138	129419	39.528	ng	99
63) Azobenzene	10.516	77	545393	40.688	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	97048	40.636	ng	98
66) n-Nitrosodiphenylamine	10.480	169	483837	43.964	ng	100
67) 4-Bromophenyl-phenylether	10.845	248	165486	43.068	ng	96
68) Hexachlorobenzene	10.916	284	180687	45.667	ng	97
69) Atrazine	11.010	200	180041	54.531	ng	99
70) Pentachlorophenol	11.116	266	185990	73.515	ng	99
71) Phenanthrene	11.327	178	825827	43.638	ng	100
72) Anthracene	11.380	178	851936	44.783	ng	100
73) Carbazole	11.539	167	734904	42.933	ng	100
74) Di-n-butylphthalate	11.863	149	872481	44.143	ng	100
75) Fluoranthene	12.516	202	858509	42.789	ng	100
77) Benzidine	12.639	184	281728	55.427	ng	99
78) Pyrene	12.745	202	875150	44.607	ng	100
80) Butylbenzylphthalate	13.363	149	327037	48.126	ng	98
81) Benzo(a)anthracene	13.933	228	676268	44.143	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	124517	28.373	ng	100
83) Chrysene	13.968	228	592750	41.903	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	408448	53.292	ng	100
85) Di-n-octyl phthalate	14.527	149	559146	51.140	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	552655	49.539	ng	99
88) Benzo(b)fluoranthene	14.968	252	520846	42.963	ng	100
89) Benzo(k)fluoranthene	14.992	252	453295	43.788	ng	99
90) Benzo(a)pyrene	15.321	252	448166	45.687	ng	98
91) Dibenzo(a,h)anthracene	16.827	278	448701	49.637	ng	99
92) Benzo(g,h,i)perylene	17.245	276	438472	46.352	ng	99

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

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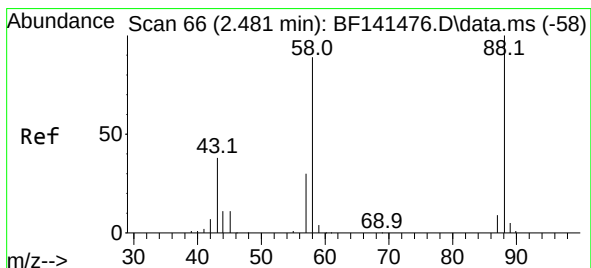
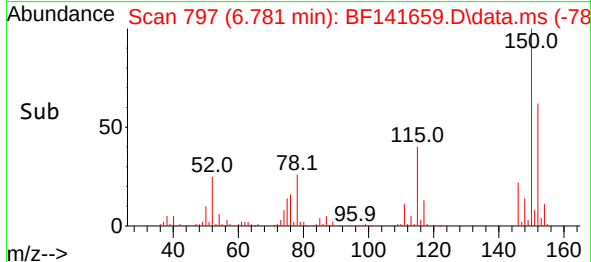
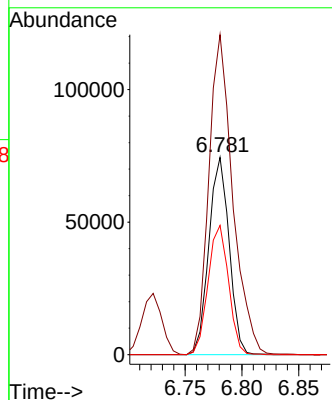
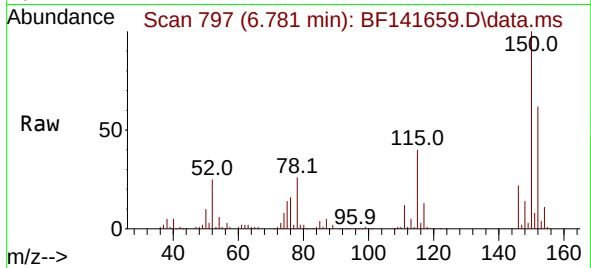




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141659.D
 Acq: 18 Feb 2025 13:53

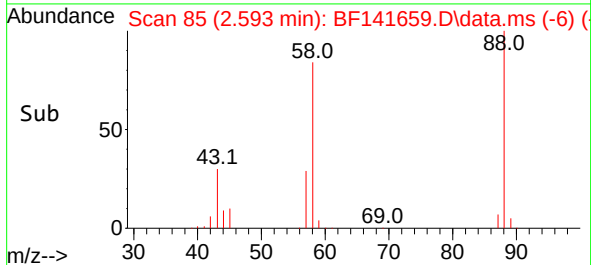
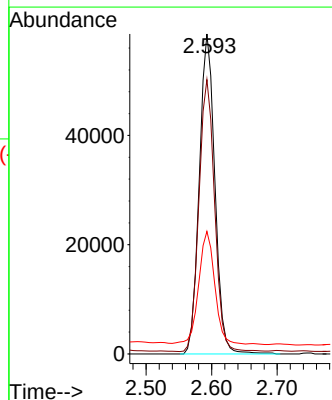
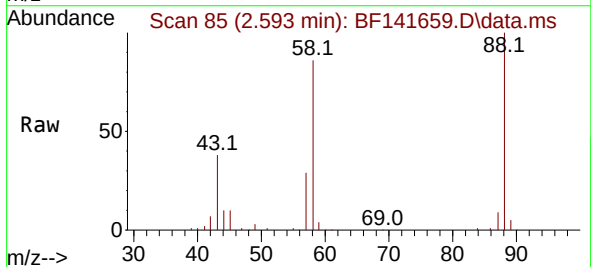
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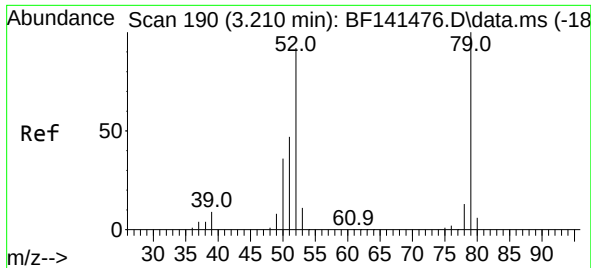
Tgt Ion:152 Resp: 92496
 Ion Ratio Lower Upper
 152 100
 150 162.2 125.0 187.4
 115 65.5 53.6 80.4



#2
 1,4-Dioxane
 Concen: 40.889 ng
 RT: 2.593 min Scan# 85
 Delta R.T. 0.112 min
 Lab File: BF141659.D
 Acq: 18 Feb 2025 13:53

Tgt Ion: 88 Resp: 97094
 Ion Ratio Lower Upper
 88 100
 58 85.8 71.1 106.7
 43 35.9 30.6 46.0

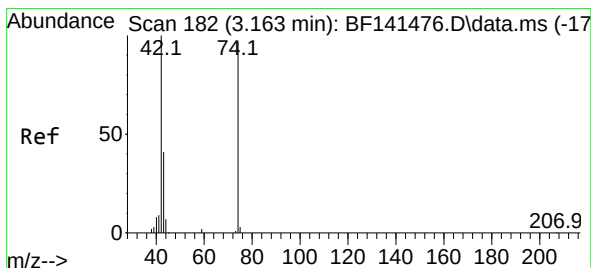
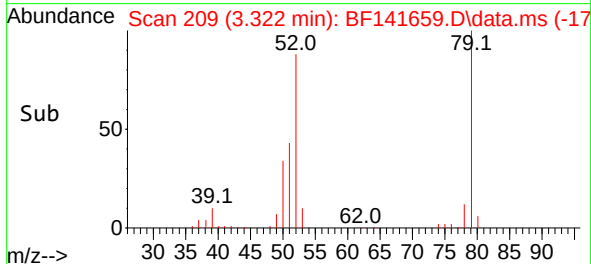
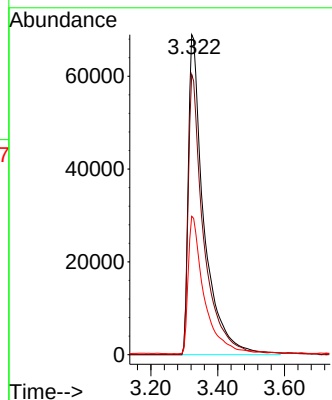
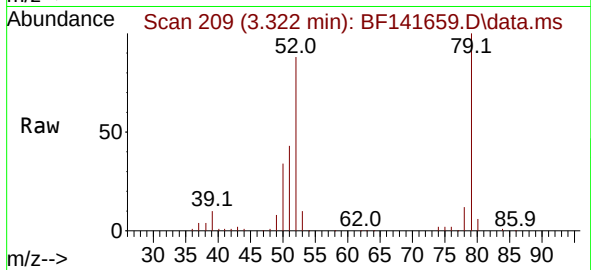




#3
Pyridine
Concen: 39.665 ng
RT: 3.322 min Scan# 201
Delta R.T. 0.106 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

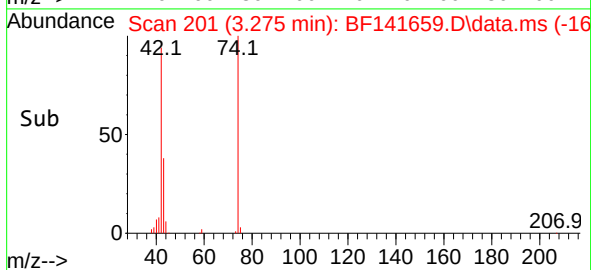
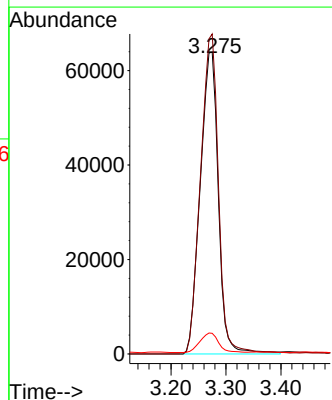
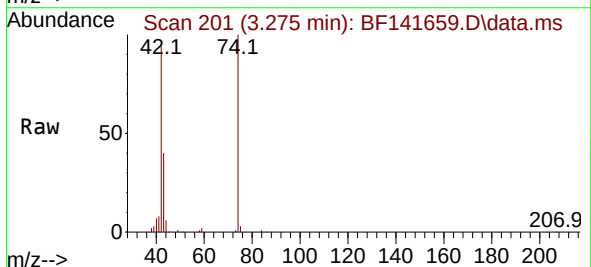
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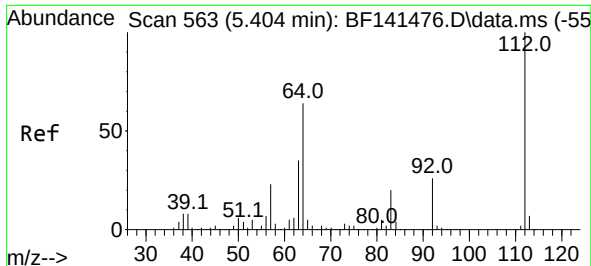
Tgt Ion: 79 Resp: 224133
Ion Ratio Lower Upper
79 100
52 87.5 73.7 110.5
51 43.2 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 39.166 ng
RT: 3.275 min Scan# 201
Delta R.T. 0.088 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion: 42 Resp: 146542
Ion Ratio Lower Upper
42 100
74 106.1 78.0 117.0
44 6.9 5.4 8.2

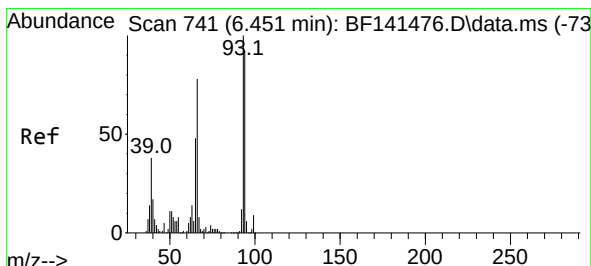
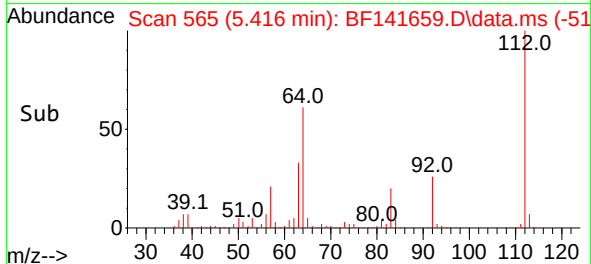
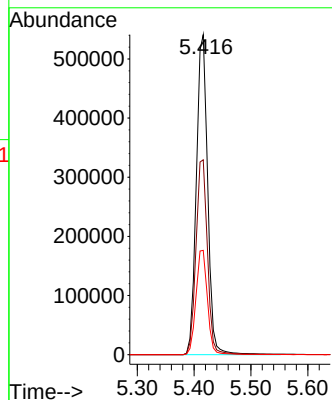
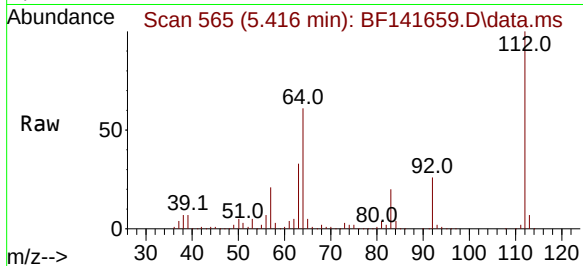




#5
2-Fluorophenol
Concen: 127.987 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

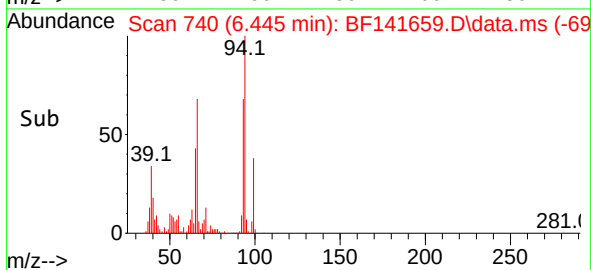
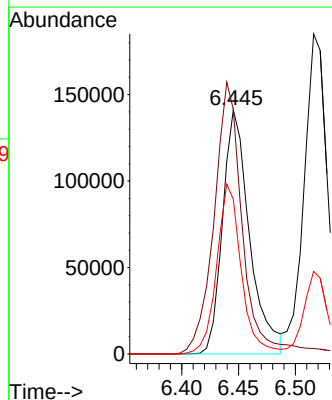
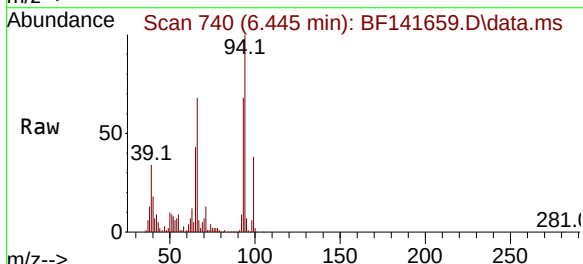
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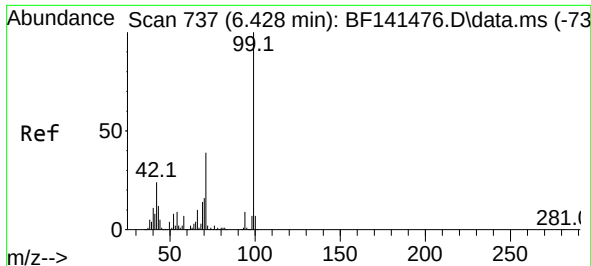
Tgt Ion:112 Resp: 755117
Ion Ratio Lower Upper
112 100
64 60.9 51.1 76.7
63 32.6 28.4 42.6



#6
Aniline
Concen: 33.241 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141659.D
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Tgt Ion: 93 Resp: 232525
Ion Ratio Lower Upper
93 100
66 100.1 62.6 94.0#
65 63.4 38.3 57.5#

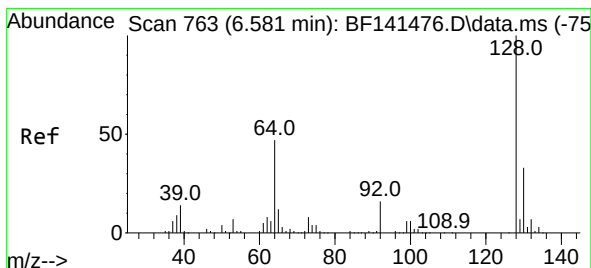
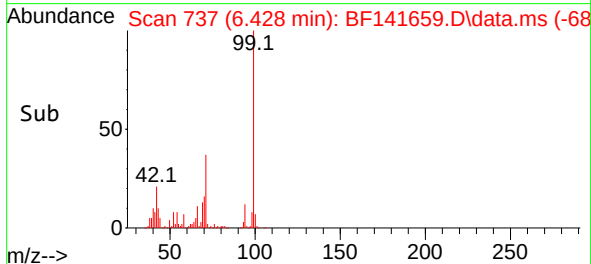
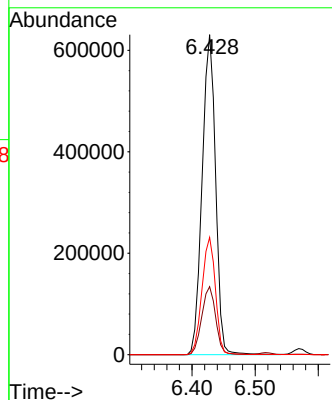
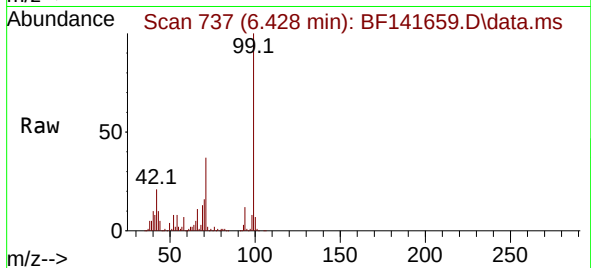




#7
Phenol-d6
Concen: 125.155 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

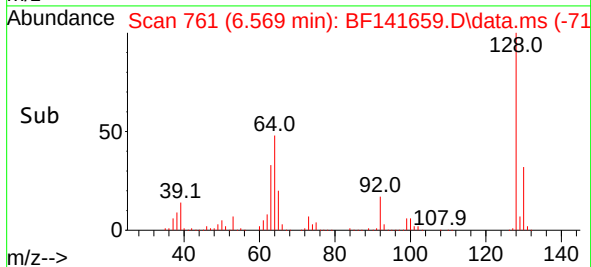
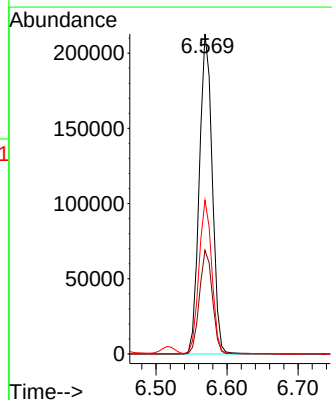
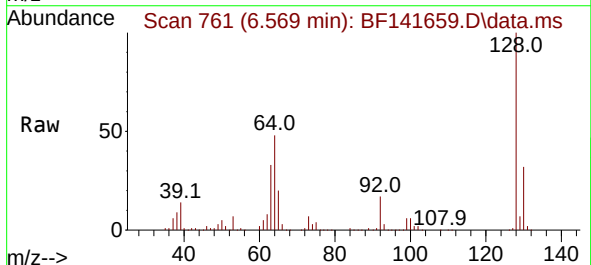
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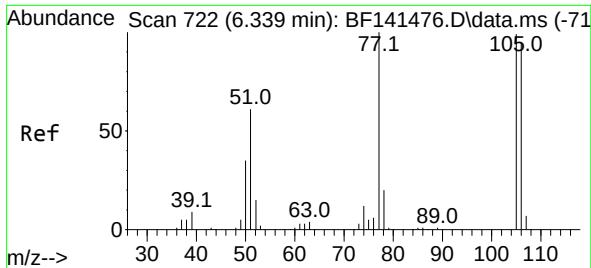
Tgt Ion: 99 Resp: 933283
Ion Ratio Lower Upper
99 100
42 21.2 19.1 28.7
71 36.7 31.1 46.7



#8
2-Chlorophenol
Concen: 42.361 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF141659.D
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Tgt Ion: 128 Resp: 270056
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 48.1 28.3 68.3

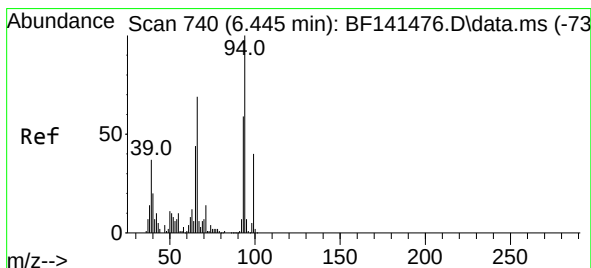
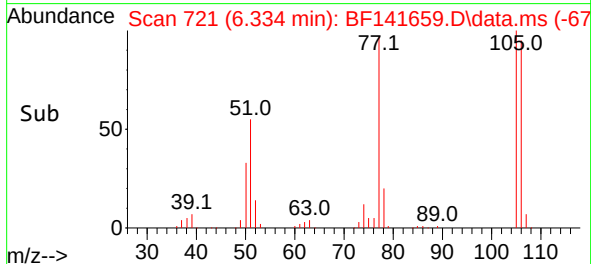
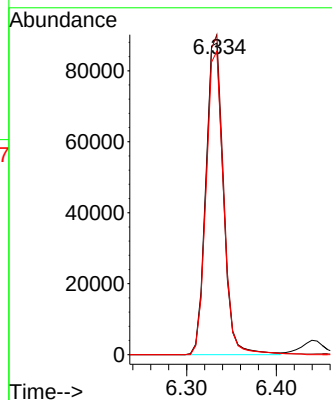
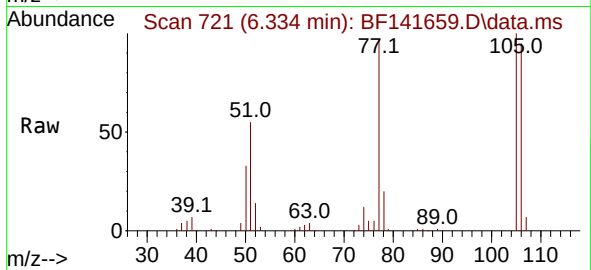




#9
Benzaldehyde
Concen: 30.261 ng
RT: 6.334 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

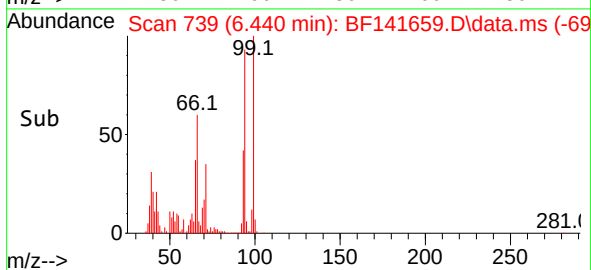
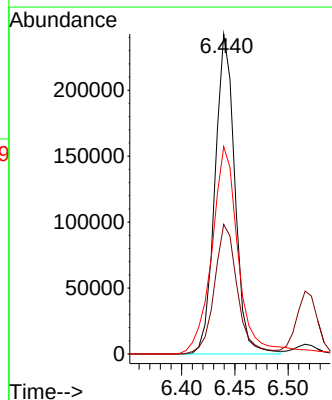
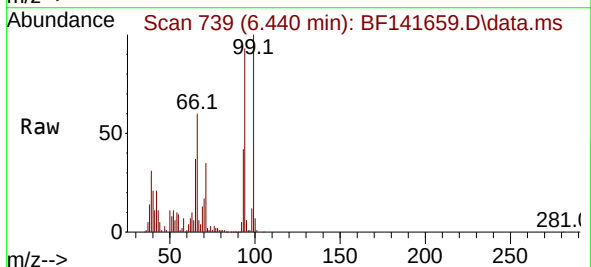
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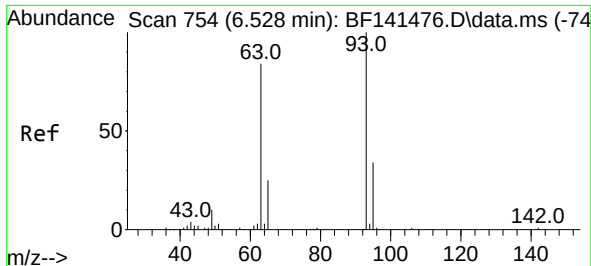
Tgt Ion: 77 Resp: 119915
Ion Ratio Lower Upper
77 100
105 102.7 79.4 119.4
106 97.4 75.1 115.1



#10
Phenol
Concen: 40.568 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF141659.D
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Tgt Ion: 94 Resp: 314864
Ion Ratio Lower Upper
94 100
65 40.5 23.7 63.7
66 64.8 49.3 89.3

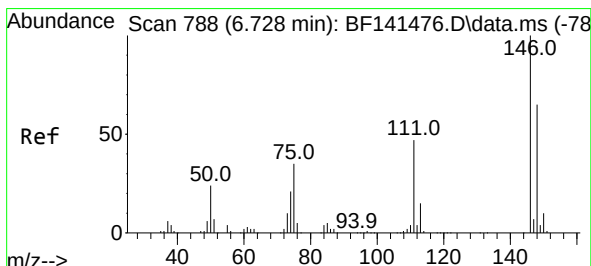
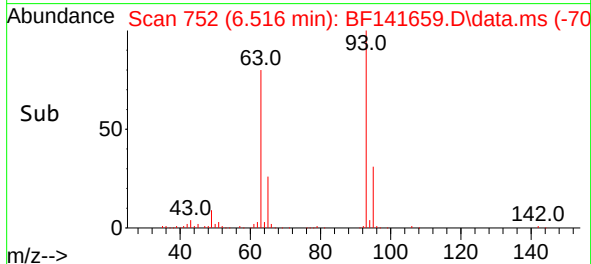
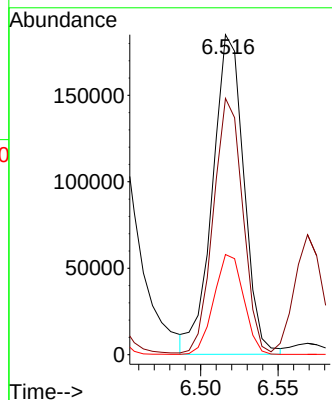
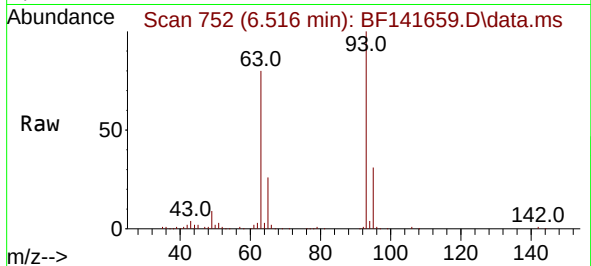




#11
bis(2-Chloroethyl)ether
Concen: 44.577 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

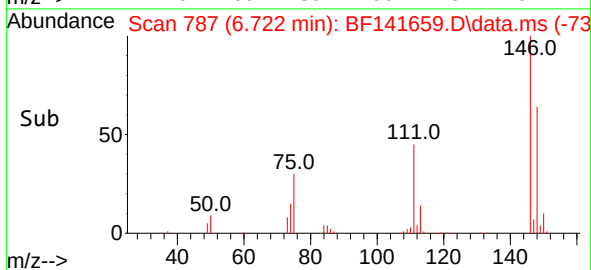
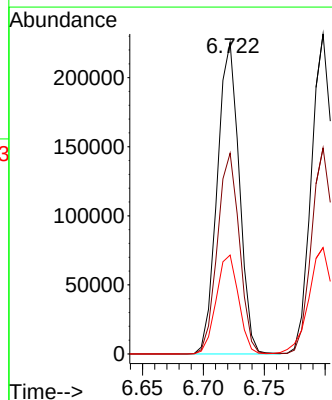
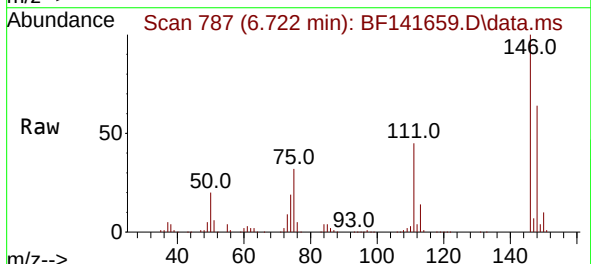
Instrument :
BNA_F
ClientSampleId :
PB166751BS

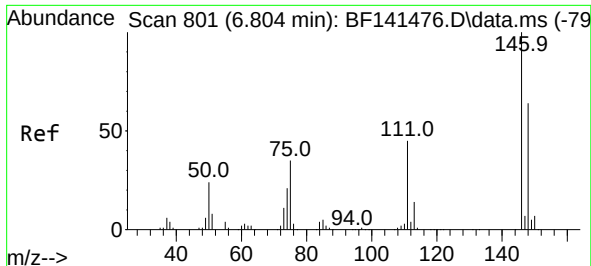
Tgt Ion: 93 Resp: 259864
Ion Ratio Lower Upper
93 100
63 80.1 62.0 102.0
95 31.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.127 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:146 Resp: 283528
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 31.7 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.974 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB166751BS

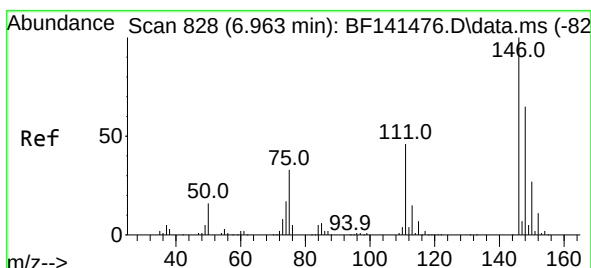
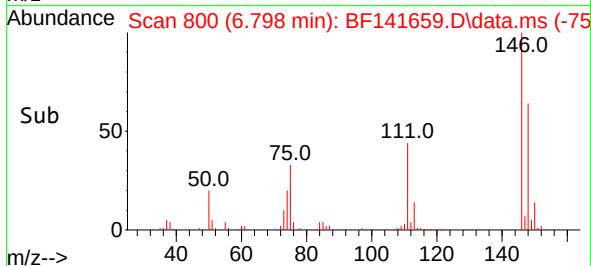
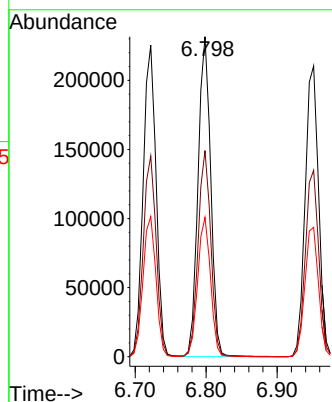
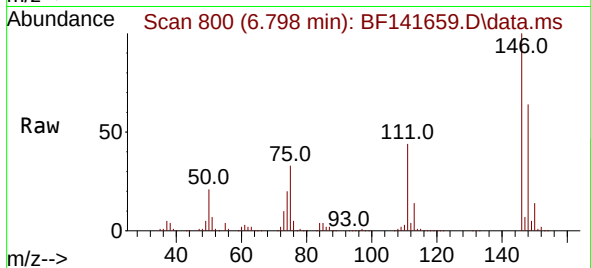
Tgt Ion:146 Resp: 288631

Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

111 43.6 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 43.132 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

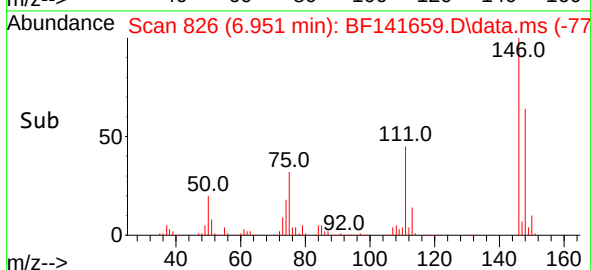
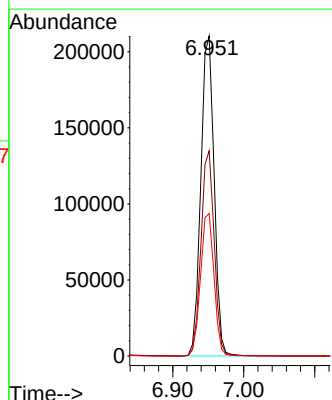
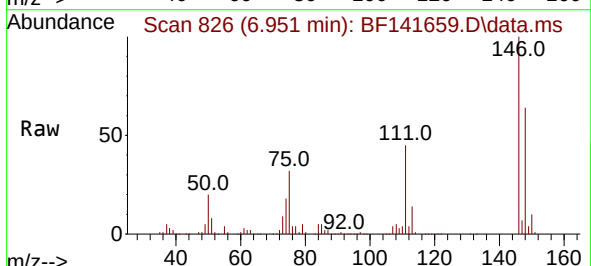
Tgt Ion:146 Resp: 275276

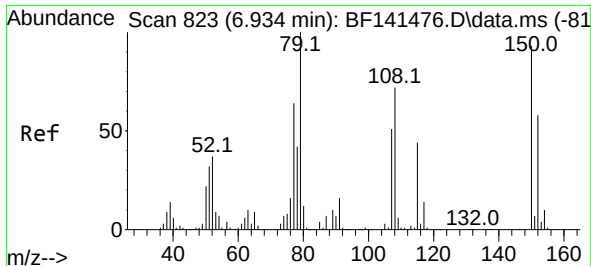
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

111 44.5 37.0 55.4

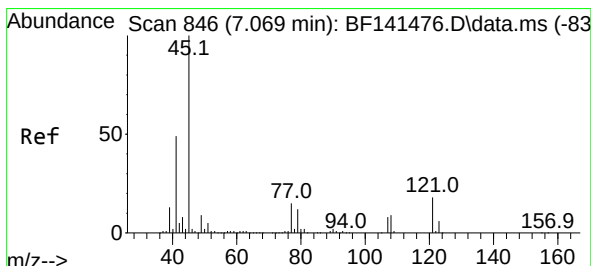
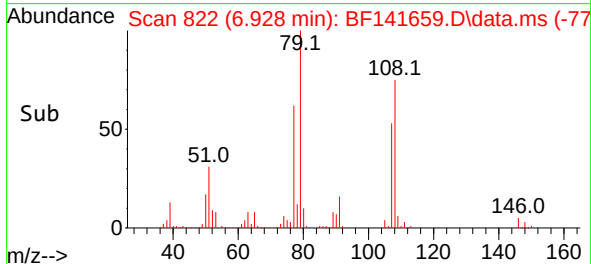
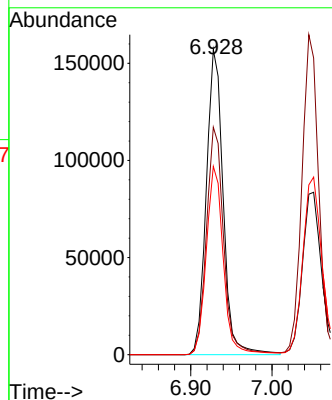
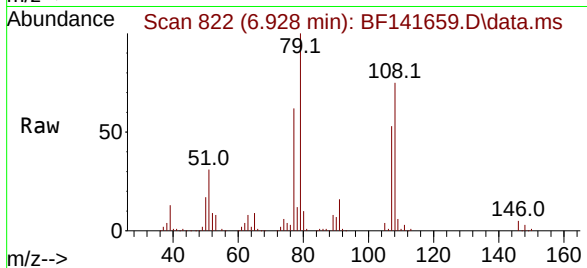




#15
Benzyl Alcohol
Concen: 39.564 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

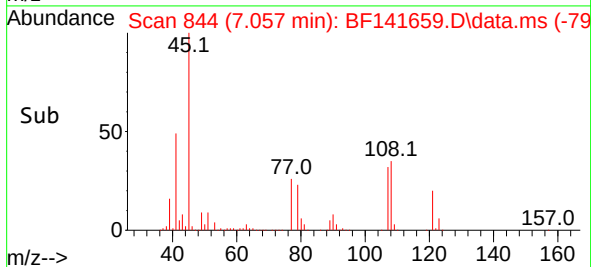
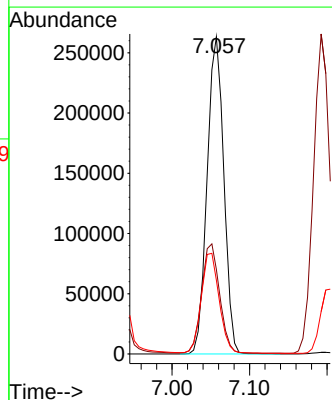
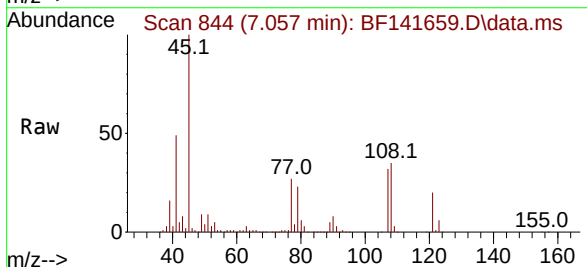
Instrument :
BNA_F
ClientSampleId :
PB166751BS

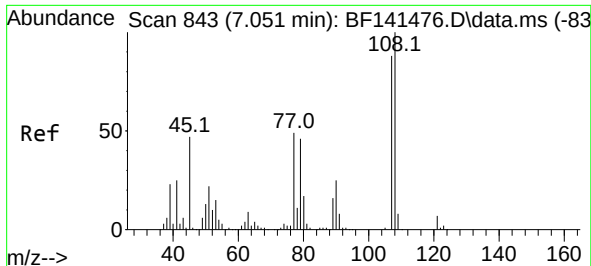
Tgt Ion: 79 Resp: 226245
Ion Ratio Lower Upper
79 100
108 74.6 57.4 86.2
77 61.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.424 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

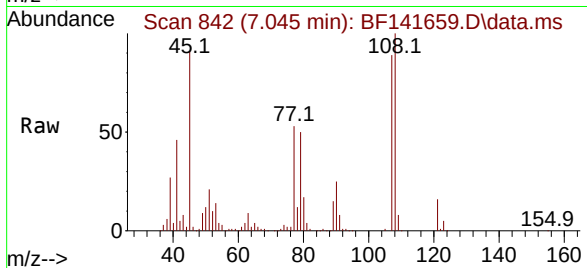
Tgt Ion: 45 Resp: 393419
Ion Ratio Lower Upper
45 100
77 26.7 0.0 35.8
79 23.3 0.0 32.7



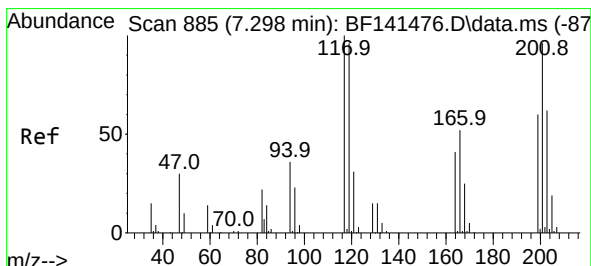
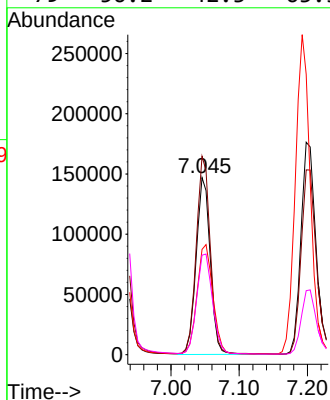
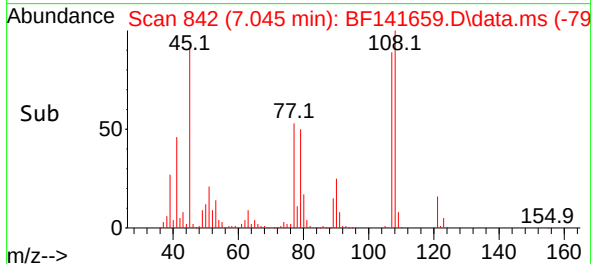


#17
2-Methylphenol
Concen: 42.289 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

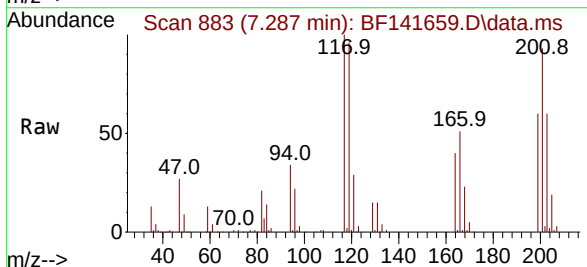
Instrument :
BNA_F
ClientSampleId :
PB166751BS



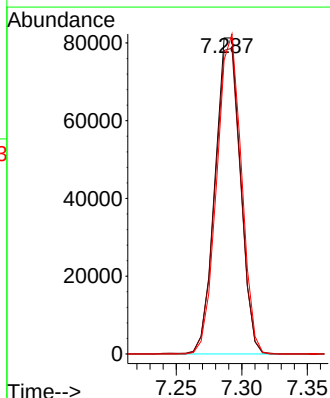
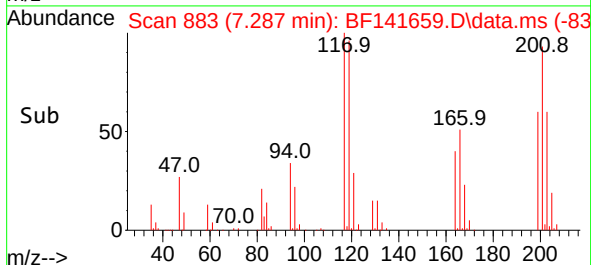
Tgt Ion:107 Resp: 210976
Ion Ratio Lower Upper
107 100
108 112.0 90.6 136.0
77 59.4 44.4 66.6
79 56.2 42.3 63.5

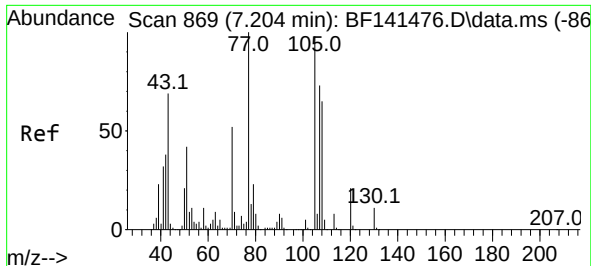


#18
Hexachloroethane
Concen: 42.923 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53



Tgt Ion:117 Resp: 109235
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7
201 93.0 76.7 115.1



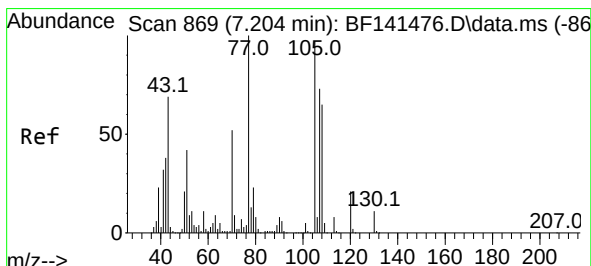
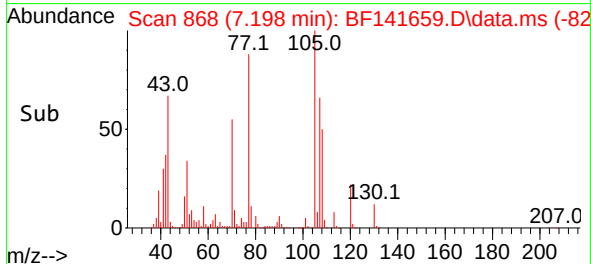
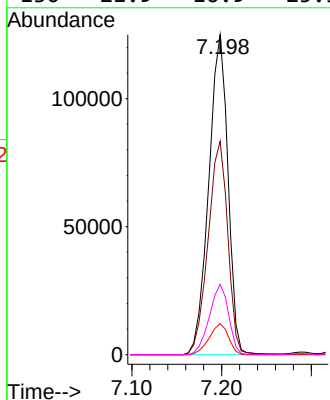
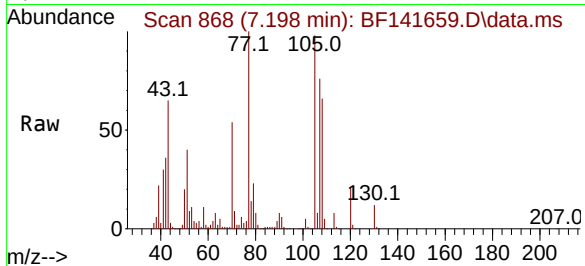


#19
n-Nitroso-di-n-propylamine
Concen: 41.667 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Instrument :
BNA_F
ClientSampleId :
PB166751BS

Tgt Ion: 70 Resp: 185857

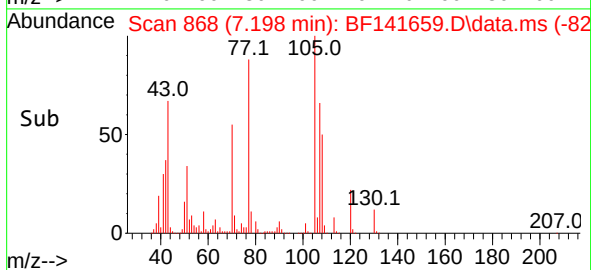
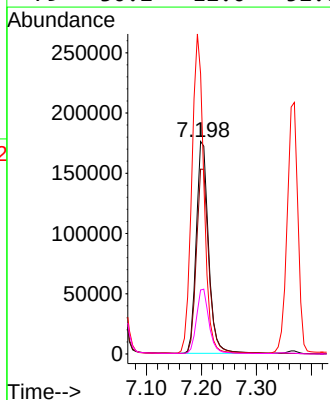
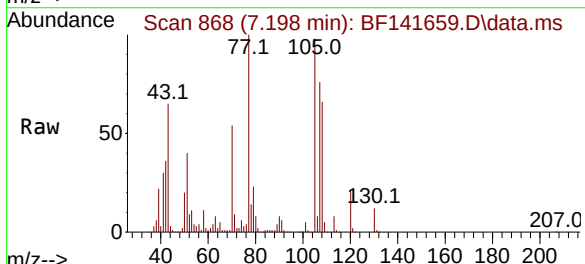
Ion	Ratio	Lower	Upper
70	100		
42	66.7	57.4	86.2
101	9.7	8.0	12.0
130	21.9	16.9	25.3

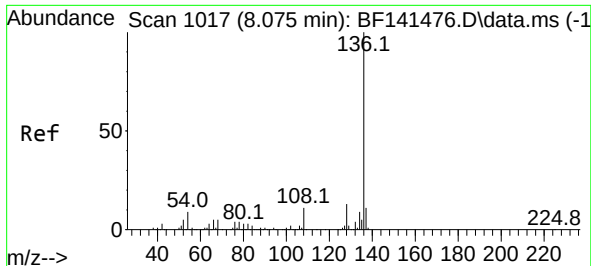


#20
3+4-Methylphenols
Concen: 43.146 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion: 107 Resp: 273555

Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.5	108.5
77	132.0	116.5	156.5
79	30.2	12.0	52.0

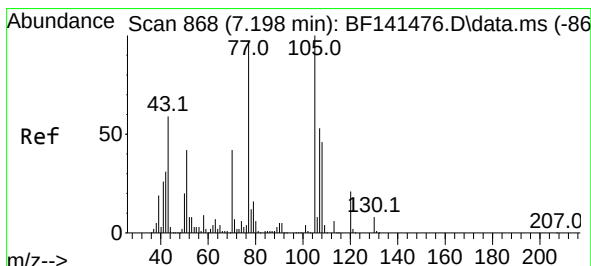
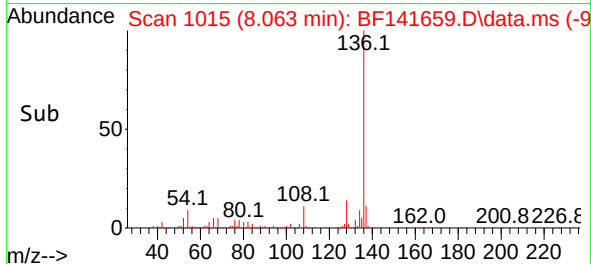
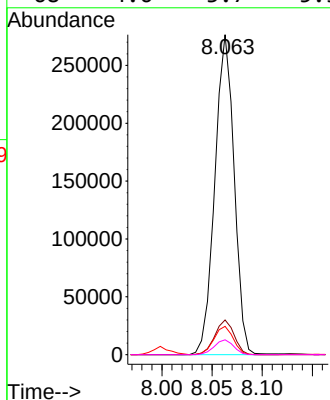
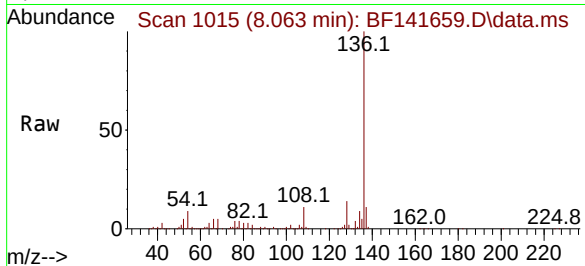




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

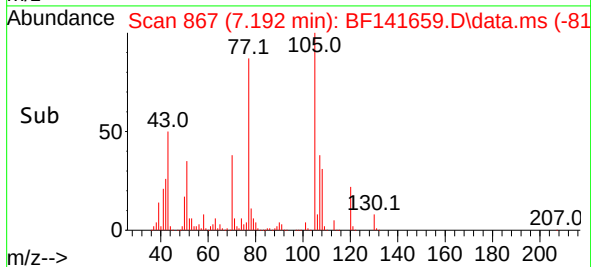
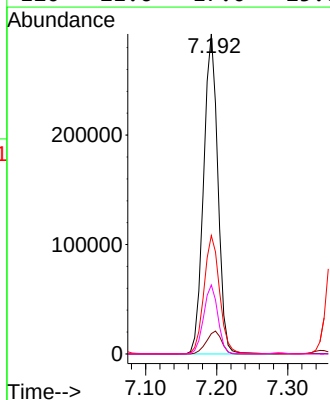
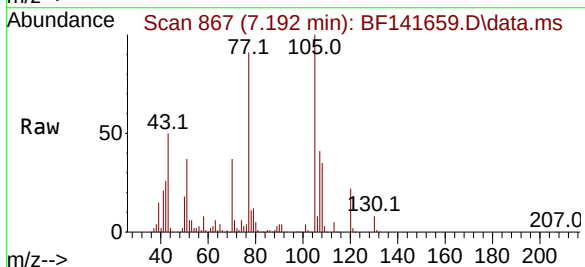
Instrument :
BNA_F
ClientSampleId :
PB166751BS

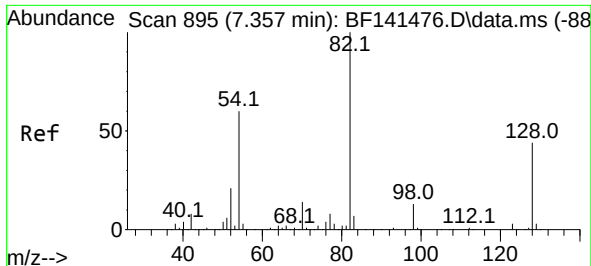
Tgt Ion:136 Resp: 370113
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 7.2 10.8
68 4.6 3.7 5.5



#22
Acetophenone
Concen: 44.428 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:105 Resp: 409039
Ion Ratio Lower Upper
105 100
71 6.3 5.7 8.5
51 37.0 33.7 50.5
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 86.130 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB166751BS

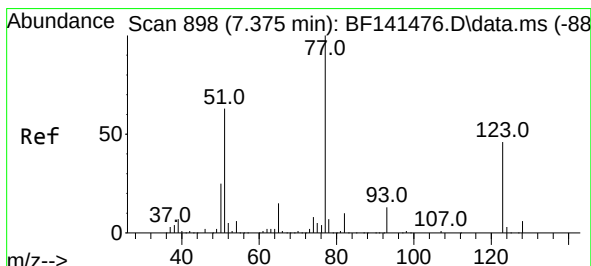
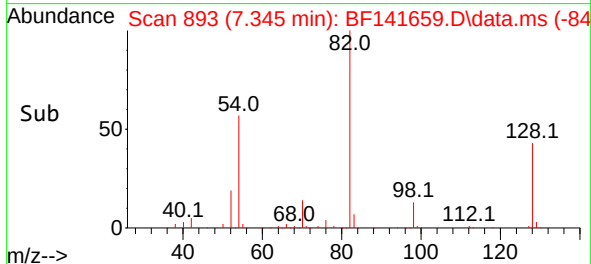
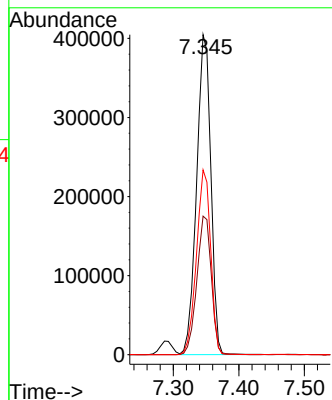
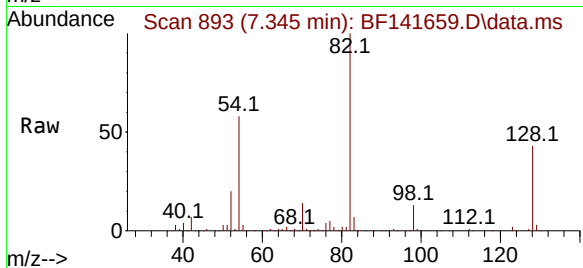
Tgt Ion: 82 Resp: 611176

Ion Ratio Lower Upper

82 100

128 43.3 34.8 52.2

54 57.7 48.2 72.4



#24

Nitrobenzene

Concen: 41.077 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

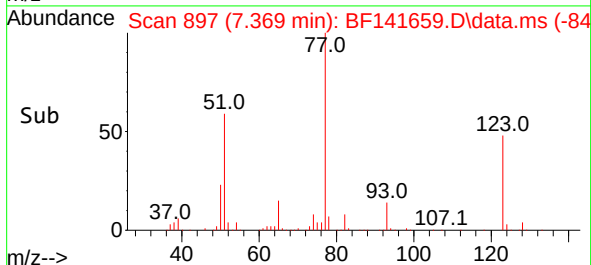
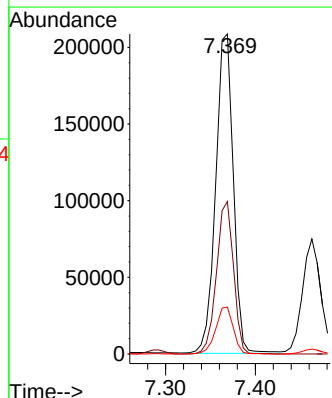
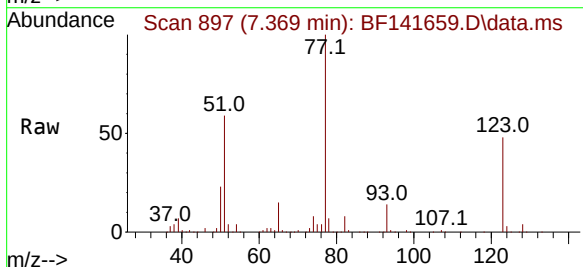
Tgt Ion: 77 Resp: 284231

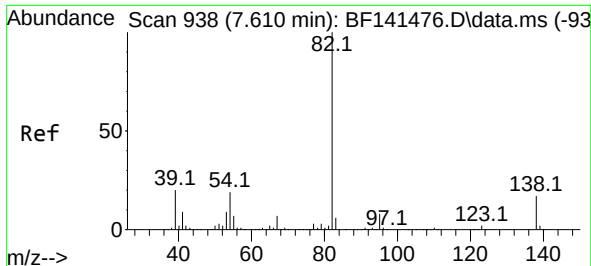
Ion Ratio Lower Upper

77 100

123 47.7 36.9 55.3

65 14.7 11.9 17.9

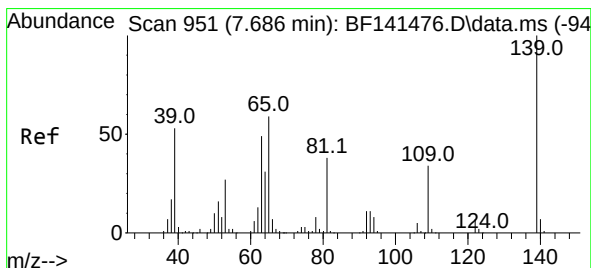
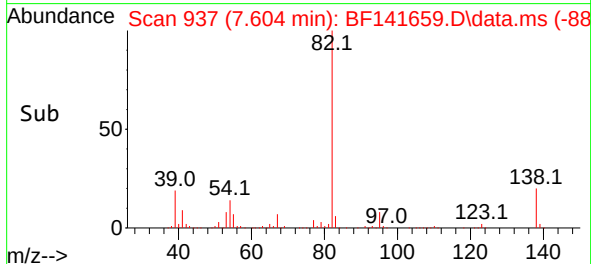
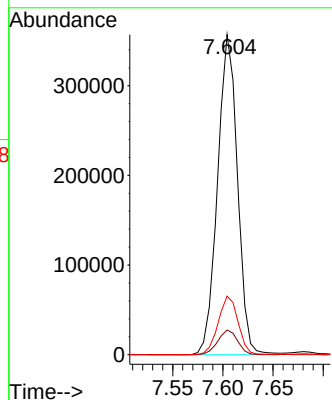
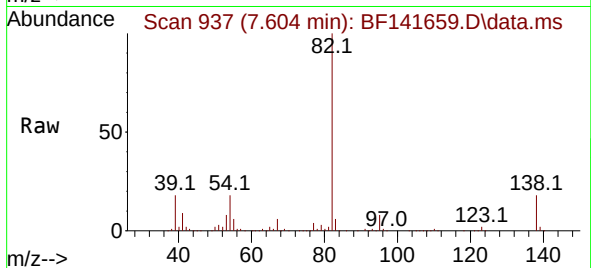




#25
Isophorone
Concen: 43.507 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

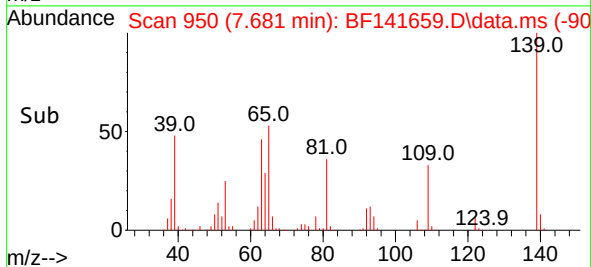
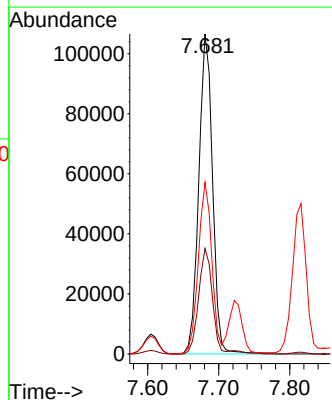
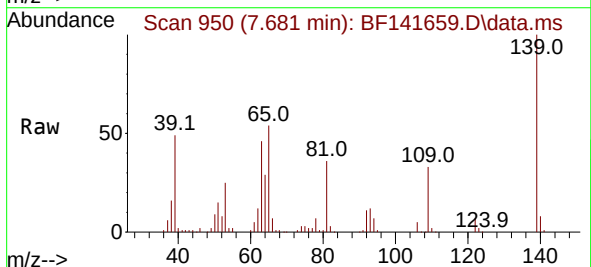
Instrument :
BNA_F
ClientSampleId :
PB166751BS

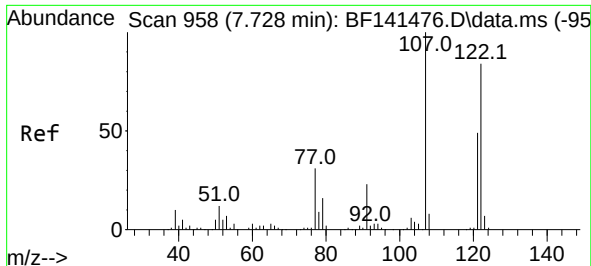
Tgt Ion: 82 Resp: 492248
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.3 13.9 20.9



#26
2-Nitrophenol
Concen: 41.784 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:139 Resp: 143842
Ion Ratio Lower Upper
139 100
109 32.9 27.0 40.6
65 53.7 47.1 70.7

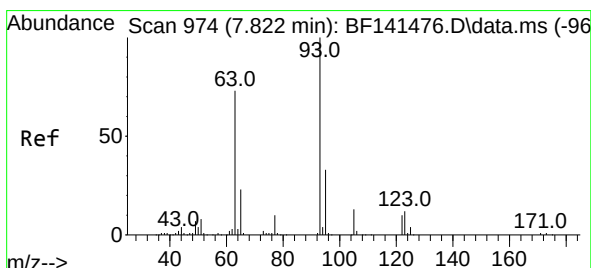
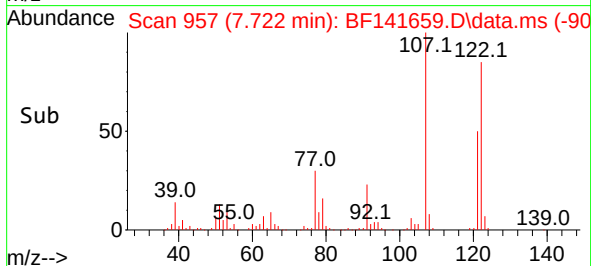
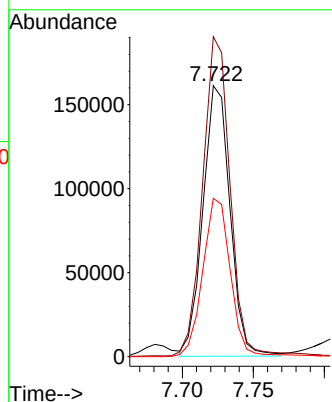
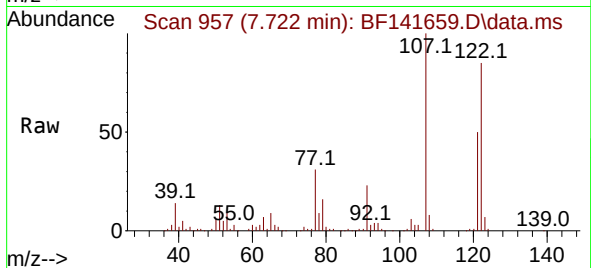




#27
2,4-Dimethylphenol
Concen: 53.353 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

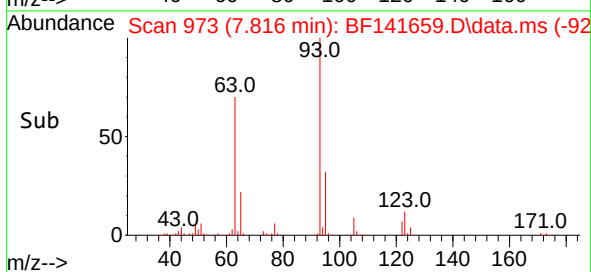
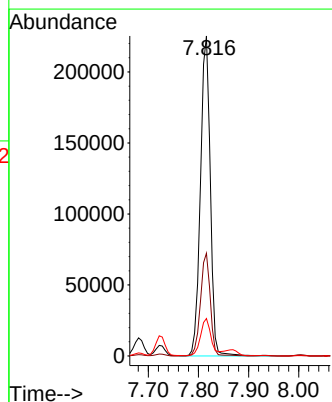
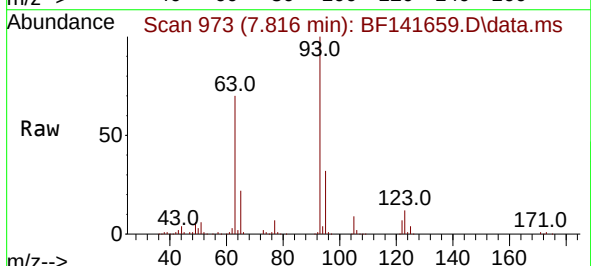
Instrument :
BNA_F
ClientSampleId :
PB166751BS

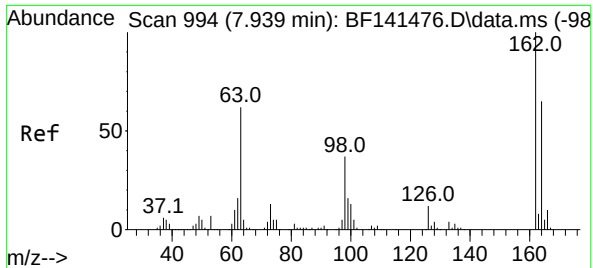
Tgt Ion:122 Resp: 214567
Ion Ratio Lower Upper
122 100
107 118.1 94.3 141.5
121 58.5 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.239 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion: 93 Resp: 306232
Ion Ratio Lower Upper
93 100
95 32.1 26.1 39.1
123 11.7 9.5 14.3

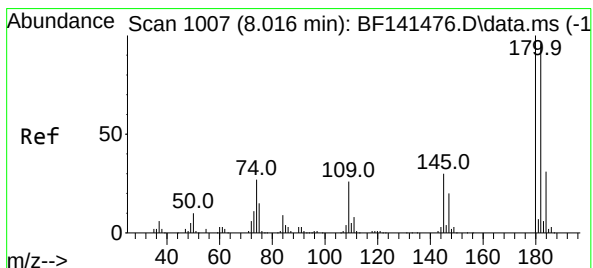
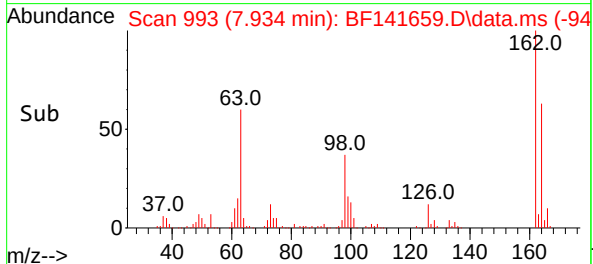
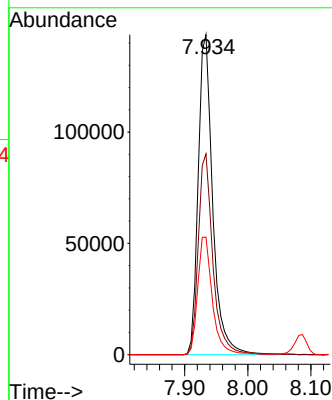
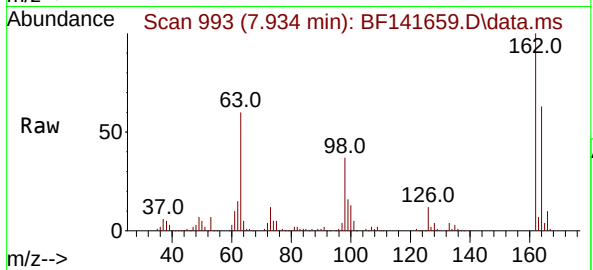




#29
2,4-Dichlorophenol
Concen: 42.209 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

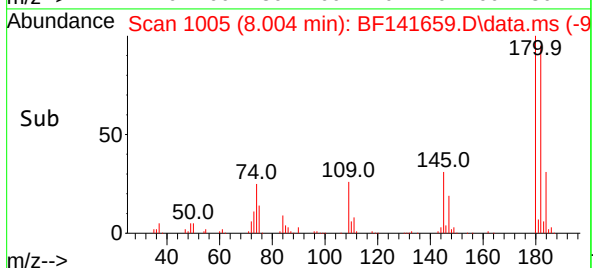
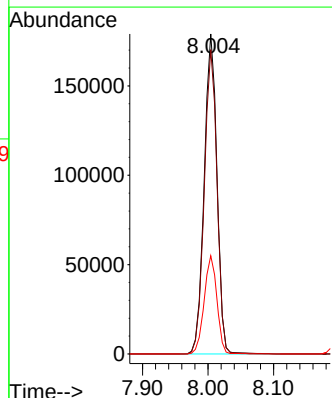
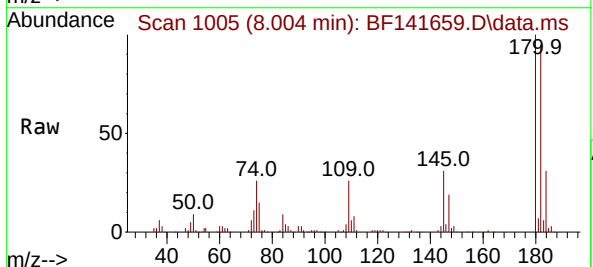
Instrument :
BNA_F
ClientSampleId :
PB166751BS

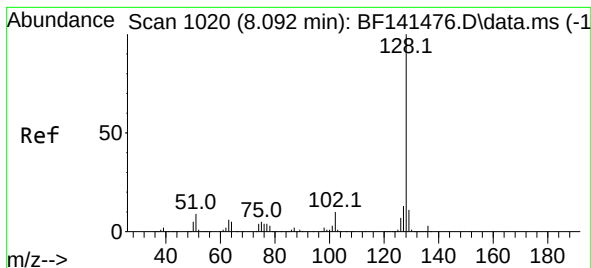
Tgt Ion:162 Resp: 229356
Ion Ratio Lower Upper
162 100
164 62.8 44.6 84.6
98 36.8 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 41.107 ng
RT: 8.004 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:180 Resp: 243238
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 30.7 24.2 36.4





#31

Naphthalene

Concen: 40.407 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB166751BS

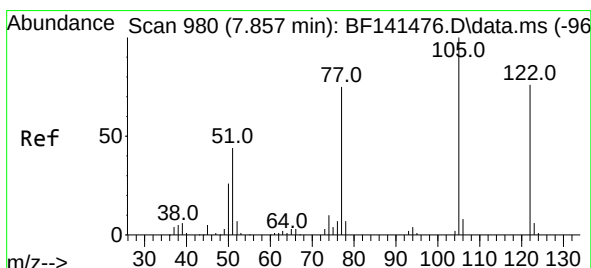
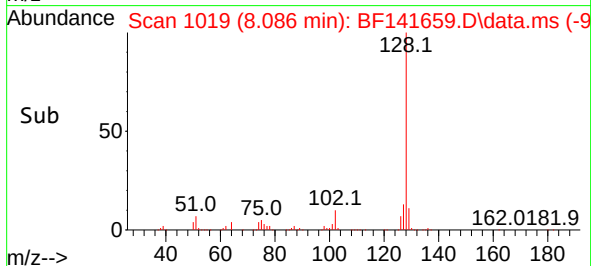
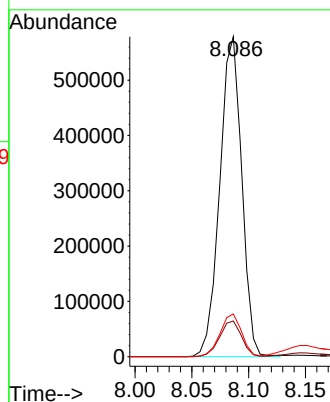
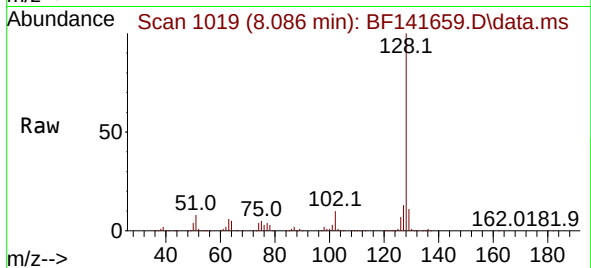
Tgt Ion:128 Resp: 778477

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 39.064 ng

RT: 7.869 min Scan# 982

Delta R.T. -0.023 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

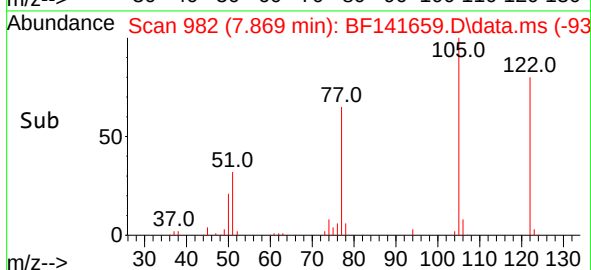
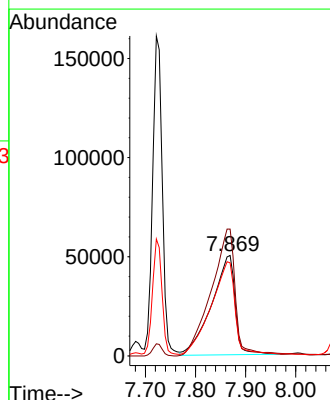
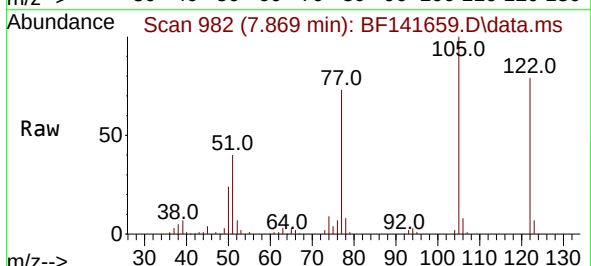
Tgt Ion:122 Resp: 163183

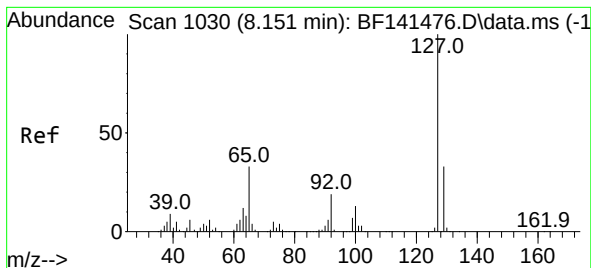
Ion Ratio Lower Upper

122 100

105 126.3 106.5 146.5

77 92.7 76.3 116.3





#33

4-Chloroaniline

Concen: 8.996 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB166751BS

Tgt Ion:127 Resp: 60510

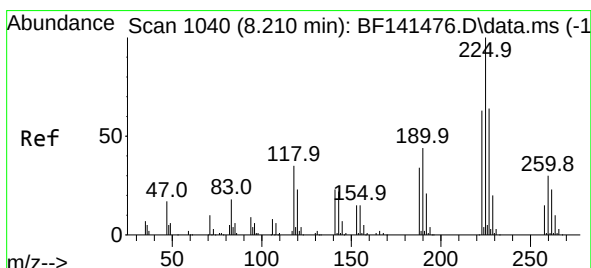
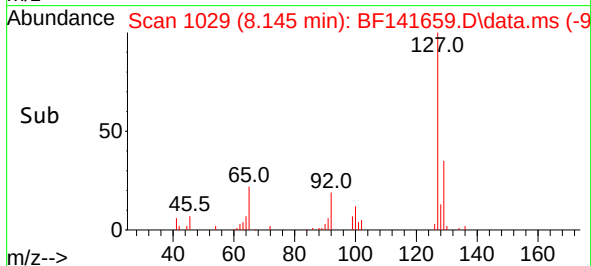
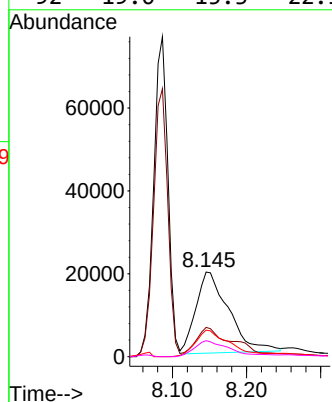
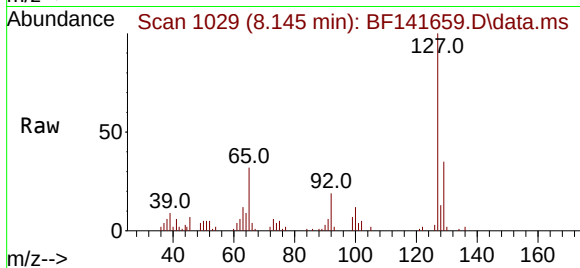
Ion Ratio Lower Upper

127 100

129 34.6 26.5 39.7

65 31.5 26.4 39.6

92 19.0 15.3 22.9



#34

Hexachlorobutadiene

Concen: 42.317 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

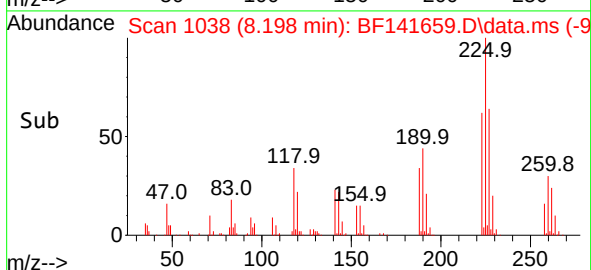
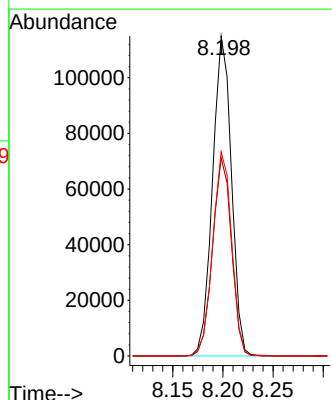
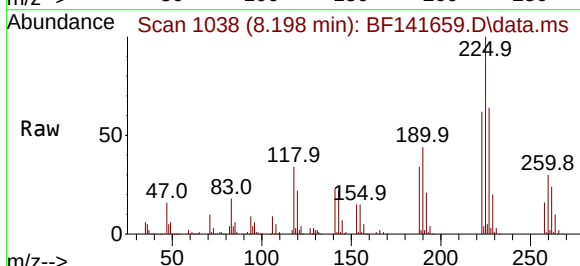
Tgt Ion:225 Resp: 150323

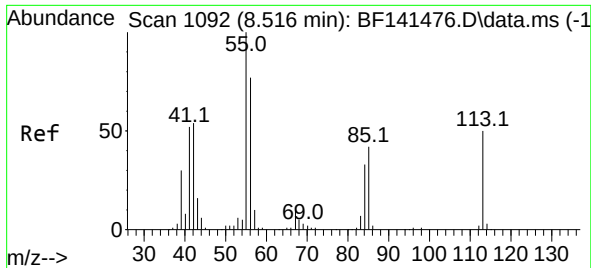
Ion Ratio Lower Upper

225 100

223 61.9 50.1 75.1

227 63.8 51.0 76.6

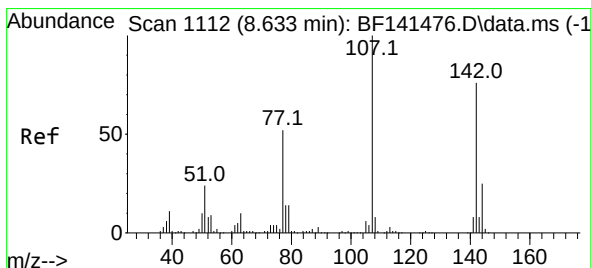
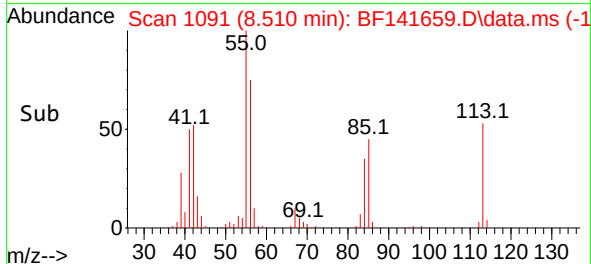
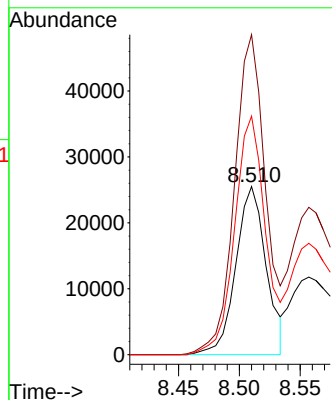
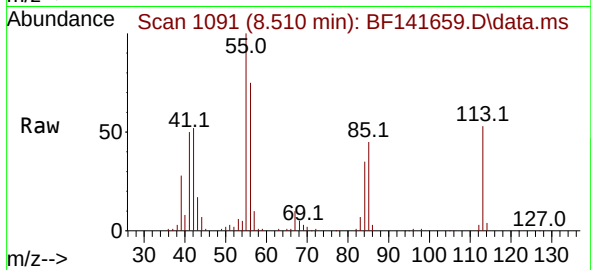




#35
Caprolactam
Concen: 26.749 ng
RT: 8.510 min Scan# 1091
Delta R.T. -0.035 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

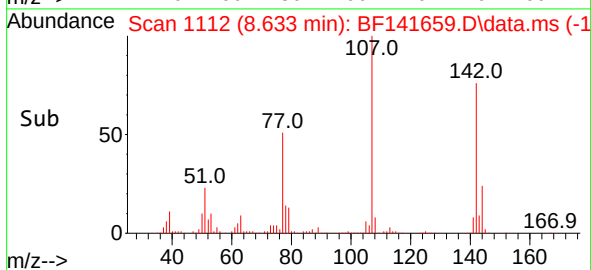
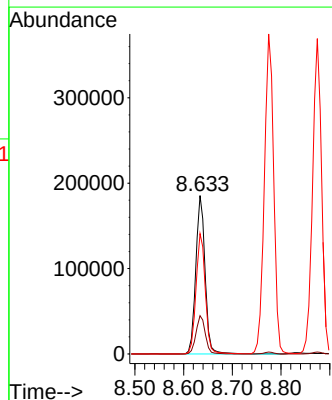
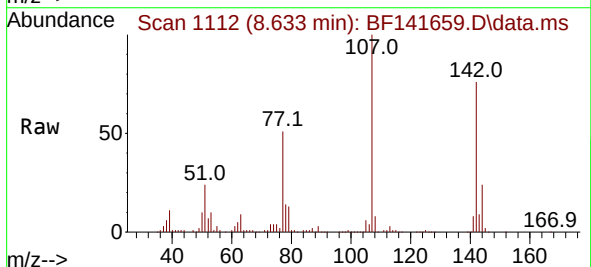
Instrument :
BNA_F
ClientSampleId :
PB166751BS

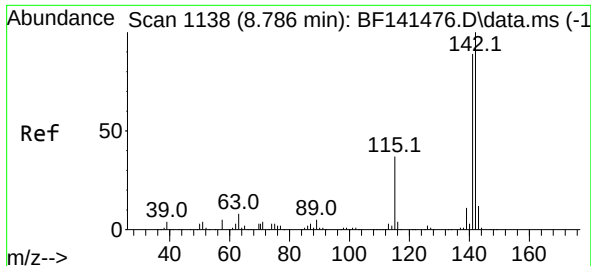
Tgt Ion:113 Resp: 44254
Ion Ratio Lower Upper
113 100
55 190.3 180.8 220.8
56 141.9 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 41.084 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:107 Resp: 247291
Ion Ratio Lower Upper
107 100
144 24.2 19.7 29.5
142 76.0 60.8 91.2

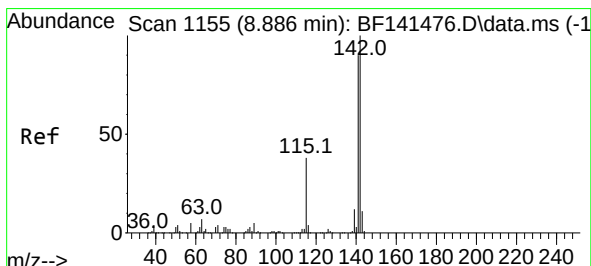
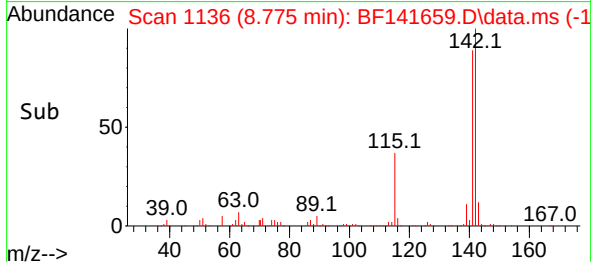
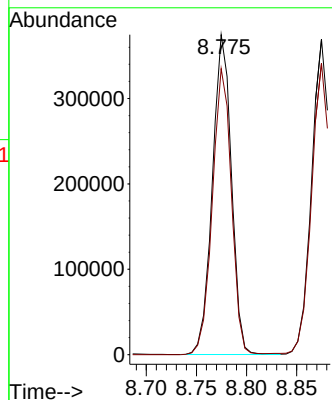
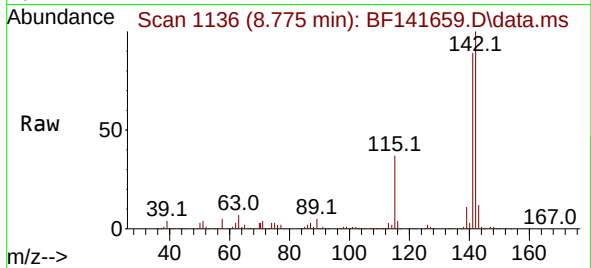




#37
2-Methylnaphthalene
Concen: 39.446 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

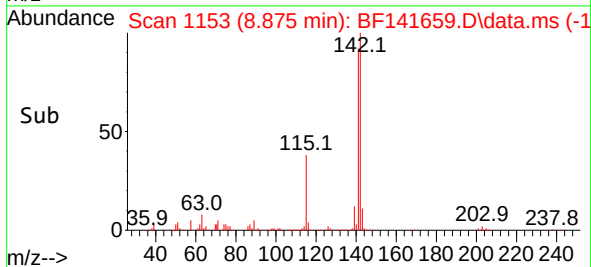
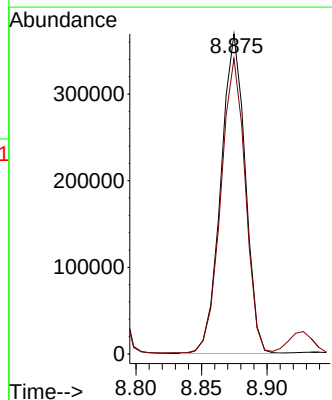
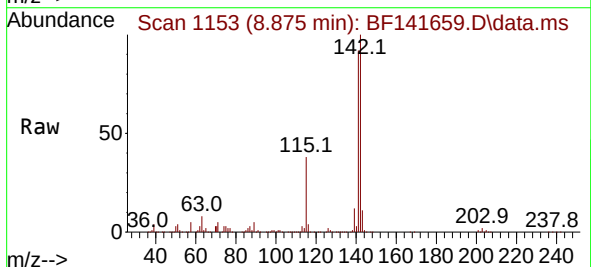
Instrument :
BNA_F
ClientSampleId :
PB166751BS

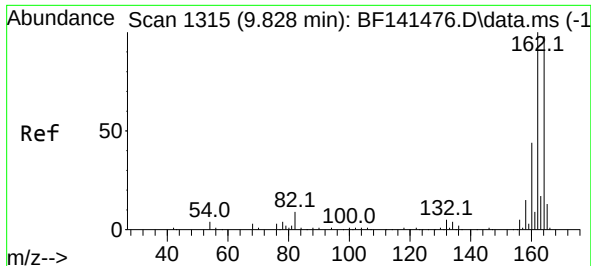
Tgt Ion:142 Resp: 494536
Ion Ratio Lower Upper
142 100
141 89.4 71.2 106.8



#38
1-Methylnaphthalene
Concen: 39.207 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

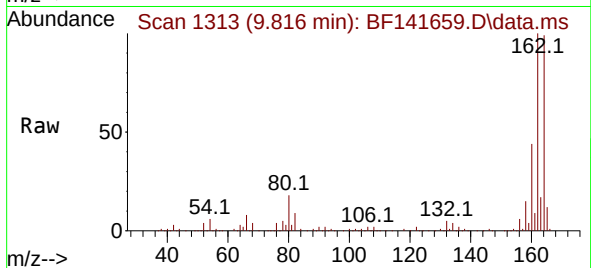
Tgt Ion:142 Resp: 476063
Ion Ratio Lower Upper
142 100
141 92.4 72.1 108.1



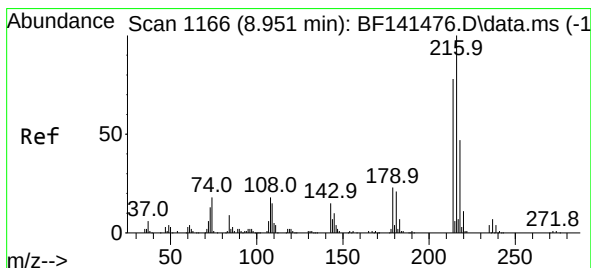
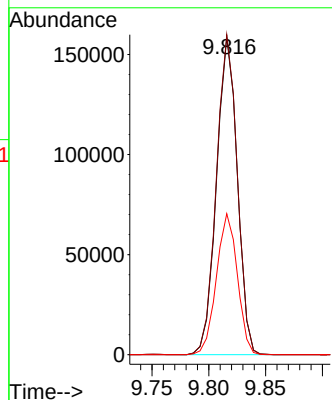
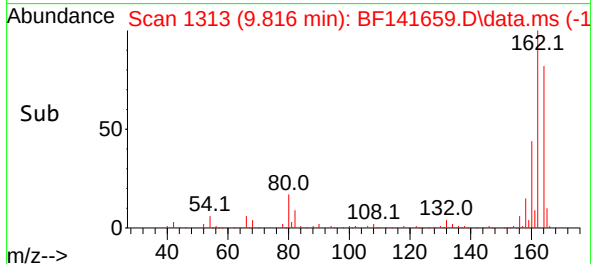


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

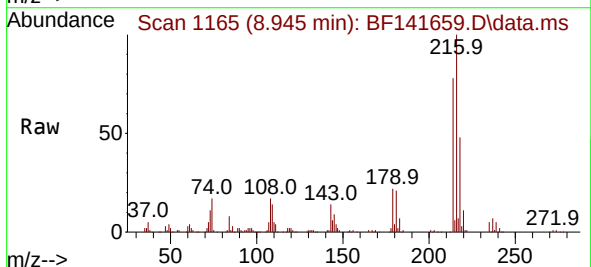
Instrument :
BNA_F
ClientSampleId :
PB166751BS



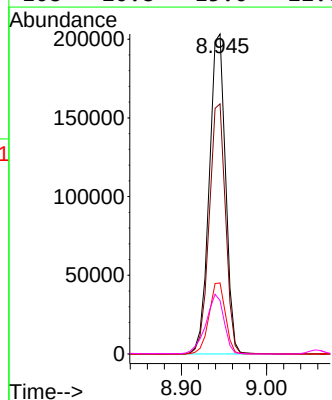
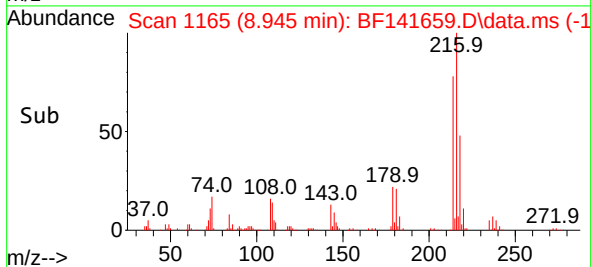
Tgt Ion:164 Resp: 201866
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.4 35.9 53.9

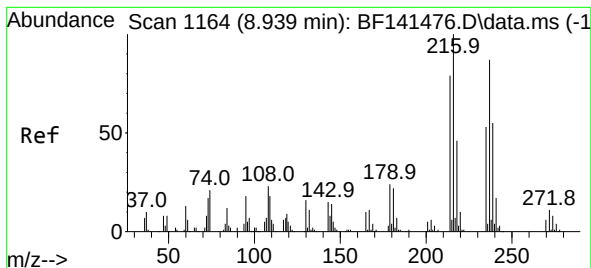


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.353 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53



Tgt Ion:216 Resp: 270711
Ion Ratio Lower Upper
216 100
214 78.4 62.3 93.5
179 22.3 18.0 27.0
108 20.8 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 139.919 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Instrument :

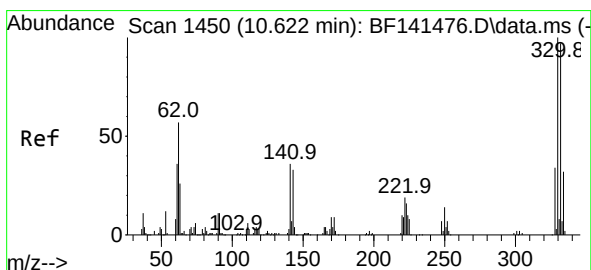
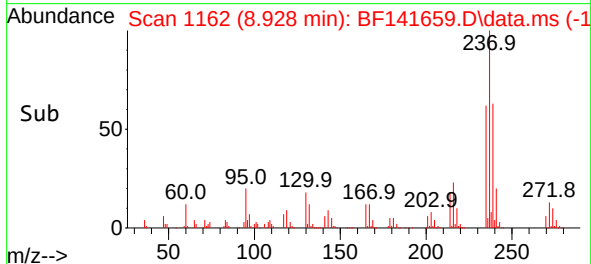
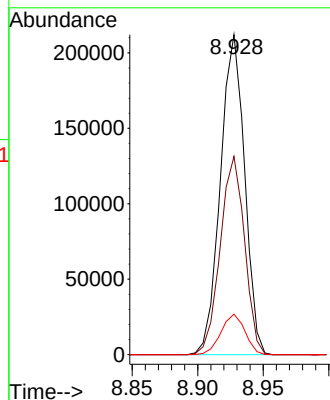
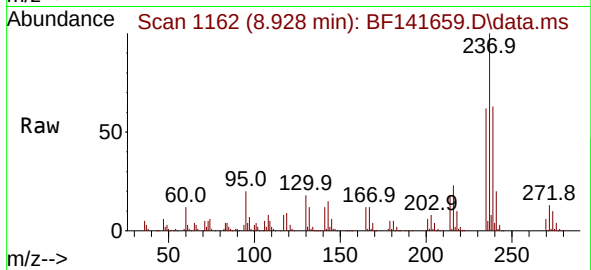
BNA_F

ClientSampleId :

PB166751BS

Tgt Ion:237 Resp: 271793

Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.4	81.4
272	12.7	0.0	32.4



#42

2,4,6-Tribromophenol

Concen: 132.268 ng

RT: 10.610 min Scan# 1448

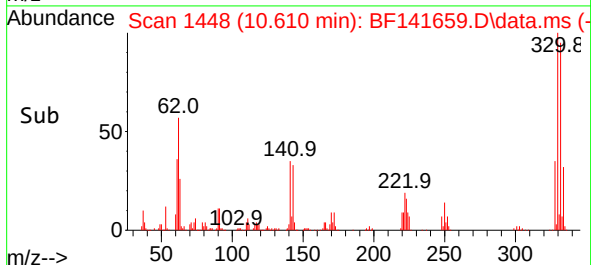
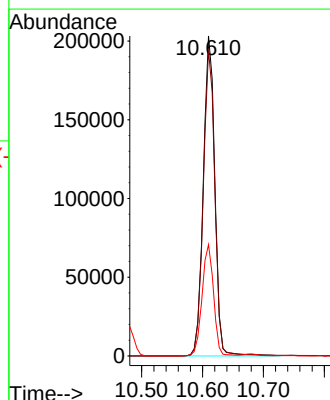
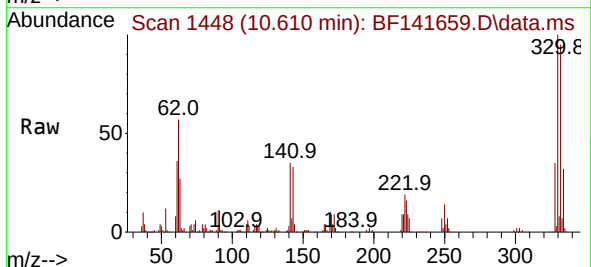
Delta R.T. -0.018 min

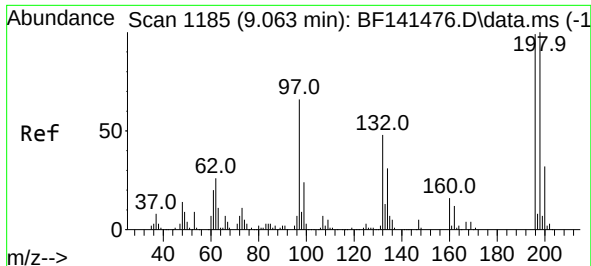
Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Tgt Ion:330 Resp: 268217

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.5	117.7
141	34.7	31.0	46.4





#43

2,4,6-Trichlorophenol

Concen: 42.651 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB166751BS

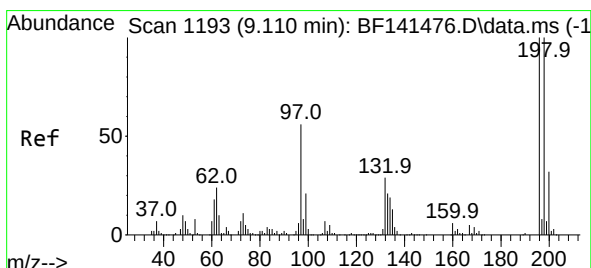
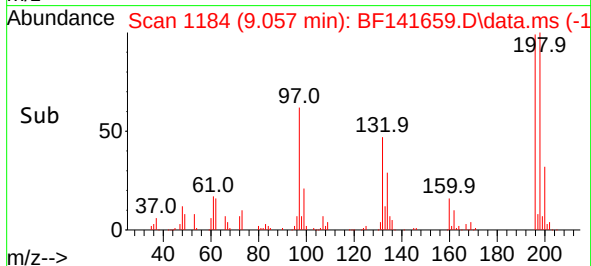
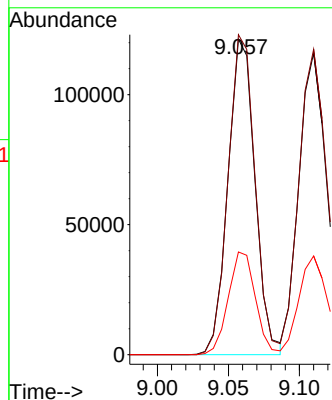
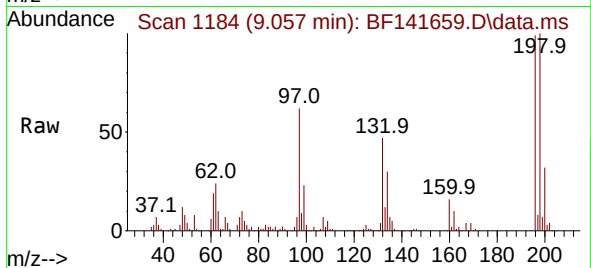
Tgt Ion:196 Resp: 160992

Ion Ratio Lower Upper

196 100

198 101.4 80.6 121.0

200 32.5 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 41.226 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Tgt Ion:196 Resp: 168649

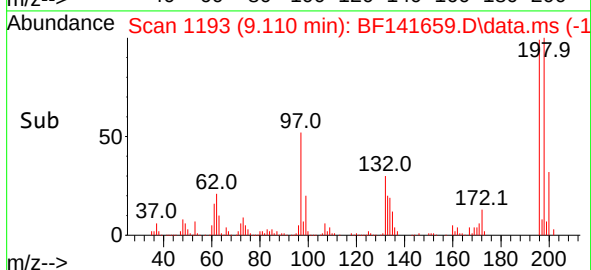
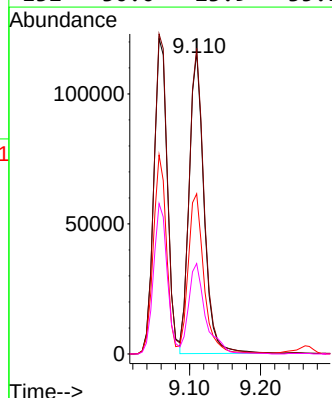
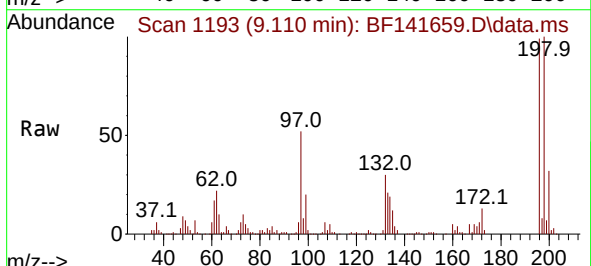
Ion Ratio Lower Upper

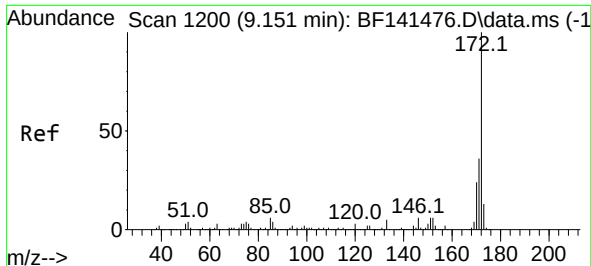
196 100

198 101.2 79.8 119.8

97 53.1 44.8 67.2

132 30.0 23.9 35.9

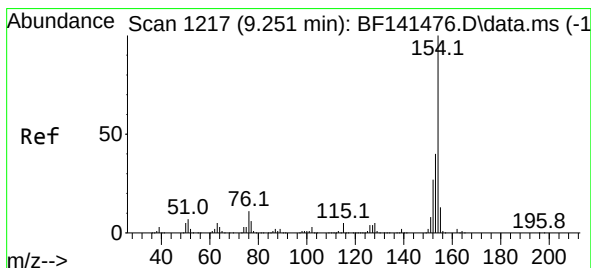
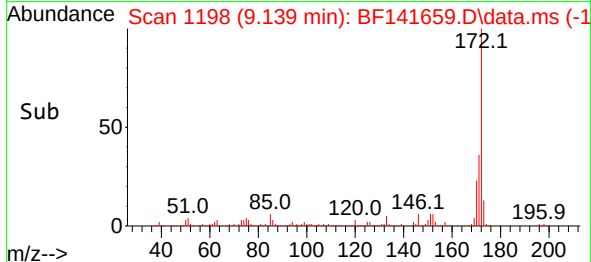
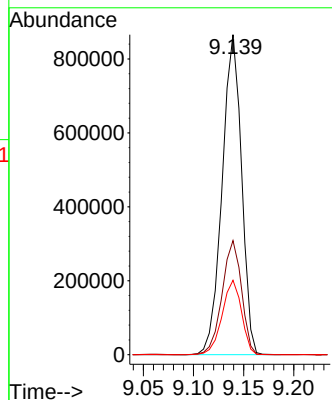
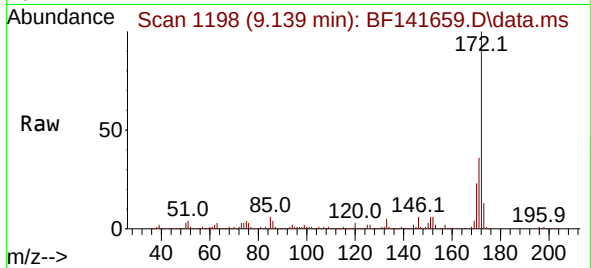




#45
2-Fluorobiphenyl
Concen: 88.698 ng
RT: 9.139 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

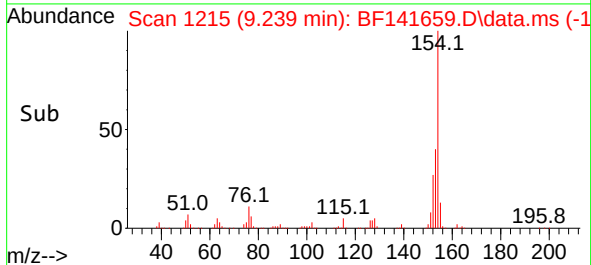
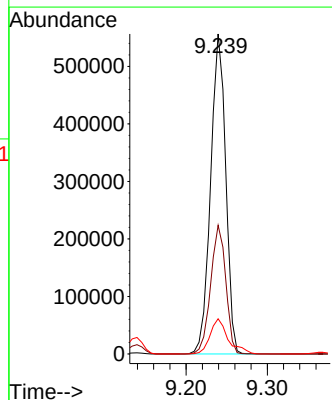
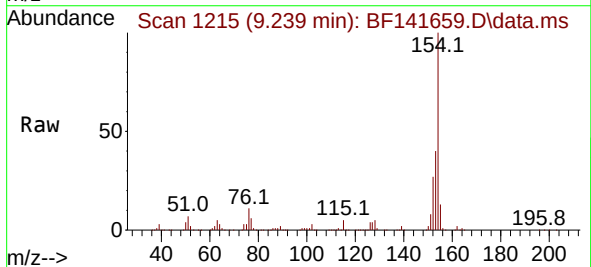
Instrument :
BNA_F
ClientSampleId :
PB166751BS

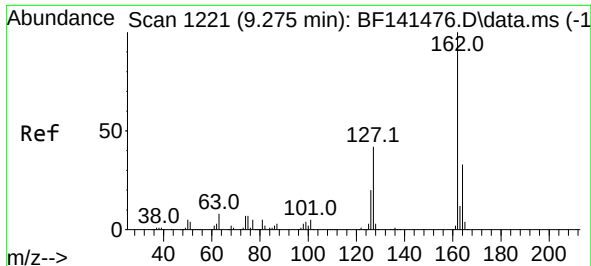
Tgt Ion:172 Resp: 1162189
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.841 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:154 Resp: 717426
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.0 0.0 30.8





#47

2-Chloronaphthalene

Concen: 42.301 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB166751BS

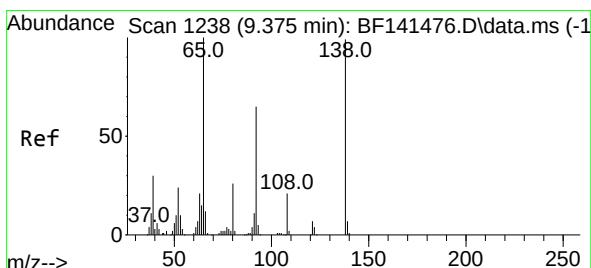
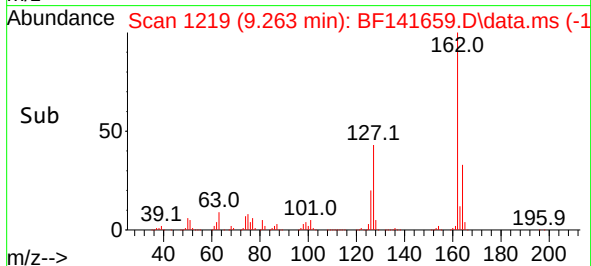
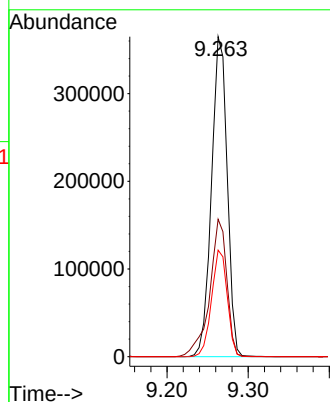
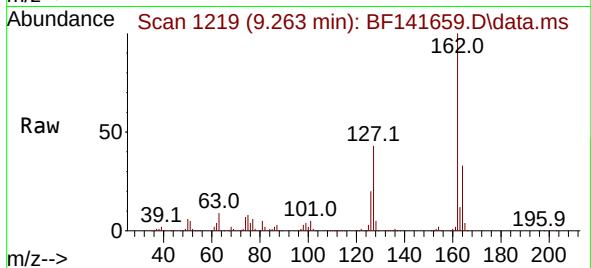
Tgt Ion:162 Resp: 489548

Ion Ratio Lower Upper

162 100

127 42.9 34.1 51.1

164 33.3 26.3 39.5



#48

2-Nitroaniline

Concen: 41.368 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

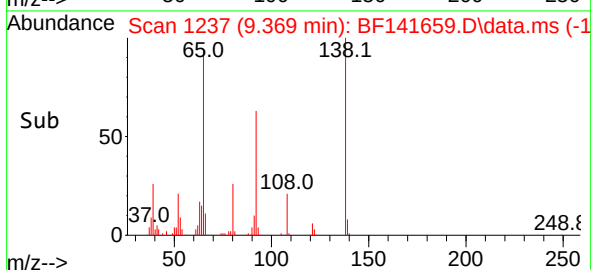
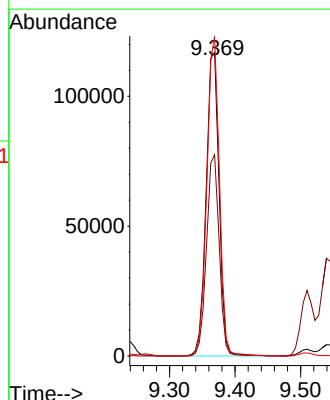
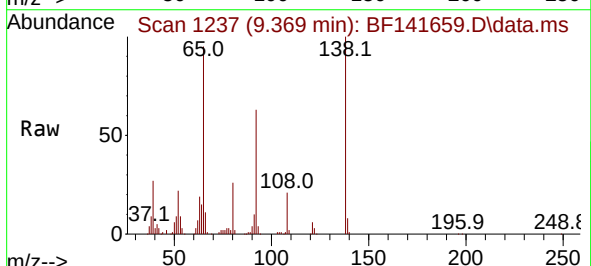
Tgt Ion: 65 Resp: 160668

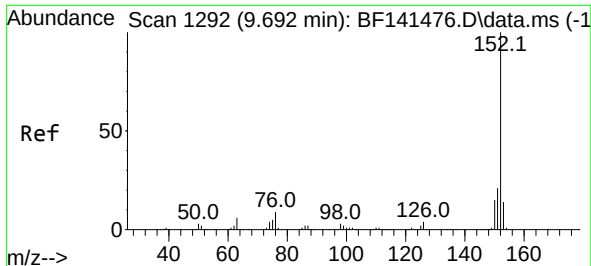
Ion Ratio Lower Upper

65 100

92 66.4 52.2 78.2

138 105.5 79.5 119.3

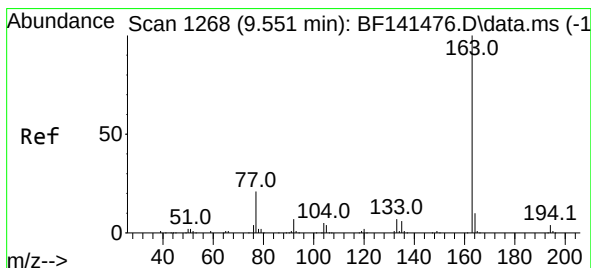
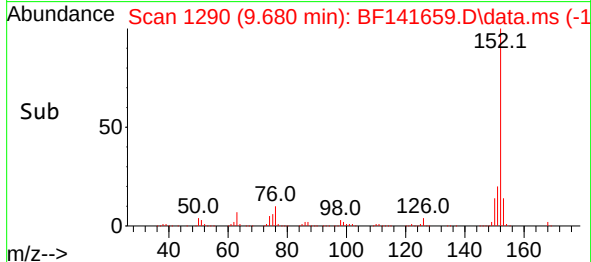
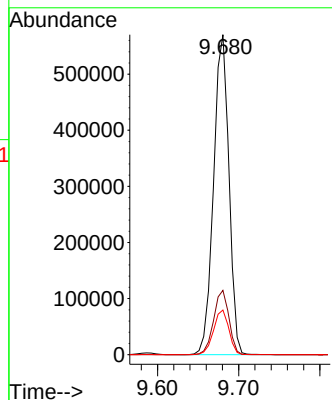
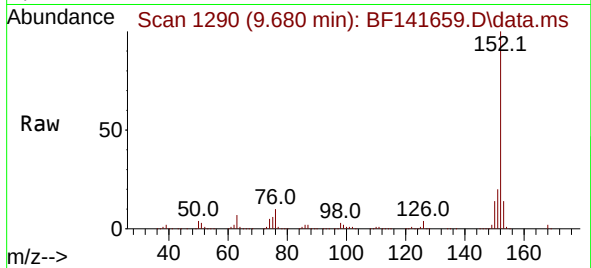




#49
Acenaphthylene
Concen: 43.471 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

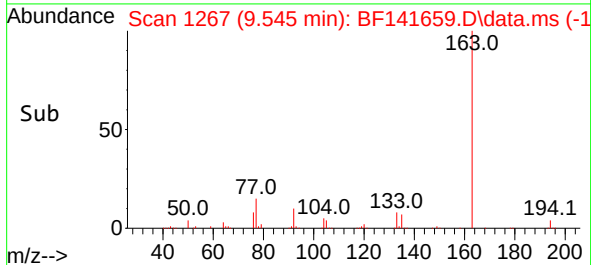
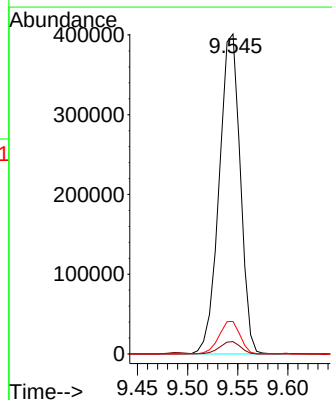
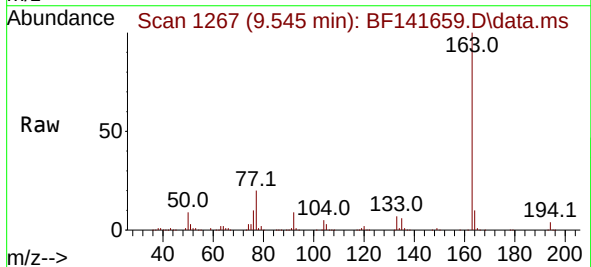
Instrument :
BNA_F
ClientSampleId :
PB166751BS

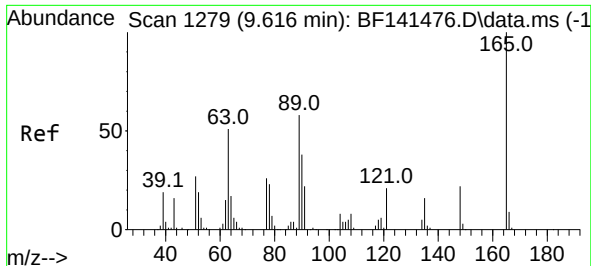
Tgt Ion:152 Resp: 748287
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 14.0 10.9 16.3



#50
Dimethylphthalate
Concen: 42.794 ng
RT: 9.545 min Scan# 1267
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:163 Resp: 586460
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.2 7.9 11.9

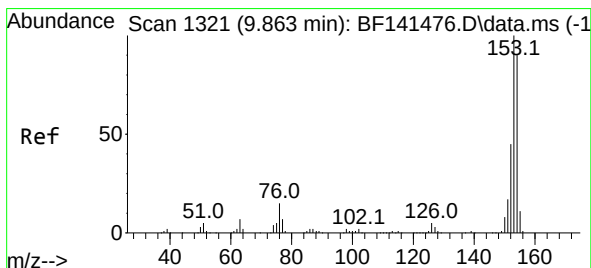
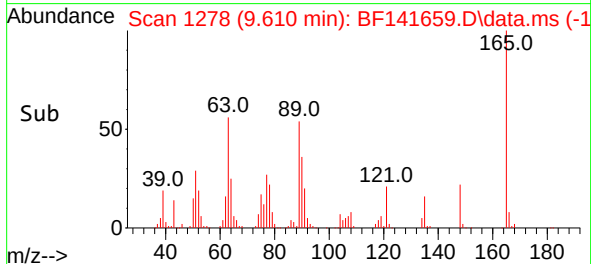
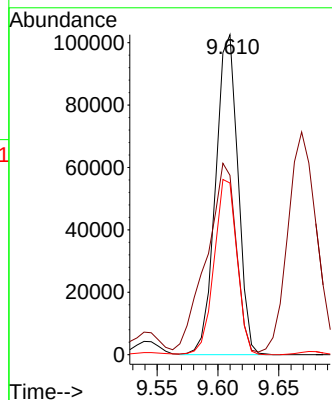
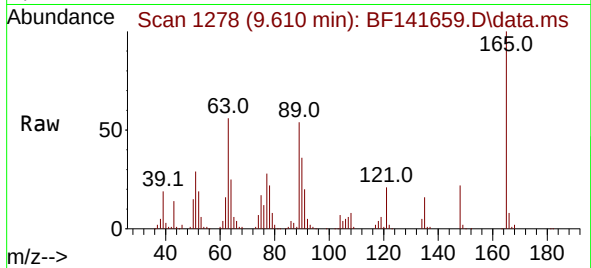




#51
2,6-Dinitrotoluene
Concen: 43.720 ng
RT: 9.610 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

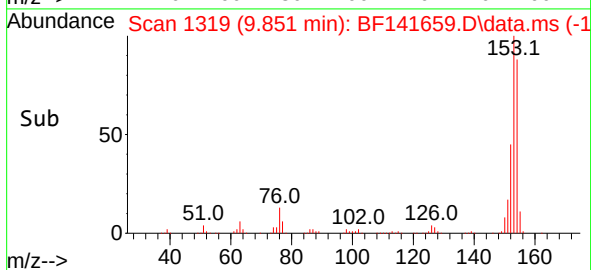
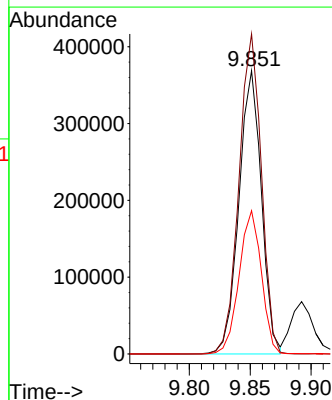
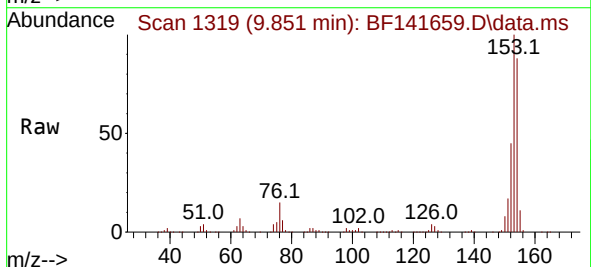
Instrument :
BNA_F
ClientSampleId :
PB166751BS

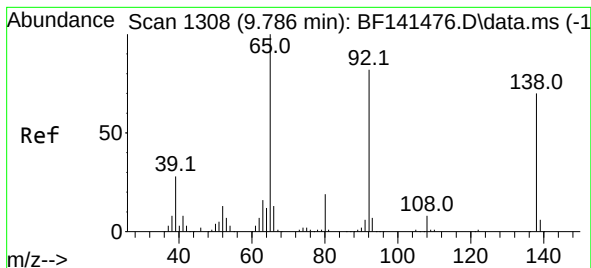
Tgt Ion:165 Resp: 130976
Ion Ratio Lower Upper
165 100
63 56.0 49.4 74.0
89 53.7 46.5 69.7



#52
Acenaphthene
Concen: 41.022 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:154 Resp: 474720
Ion Ratio Lower Upper
154 100
153 113.0 89.2 133.8
152 50.6 39.8 59.8





#53

3-Nitroaniline

Concen: 23.879 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB166751BS

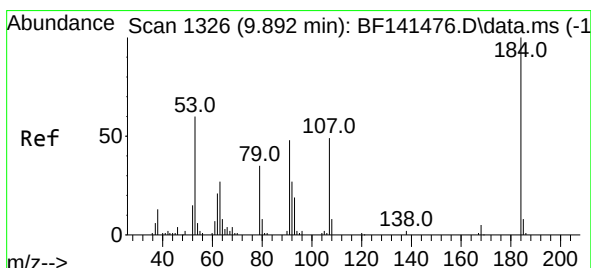
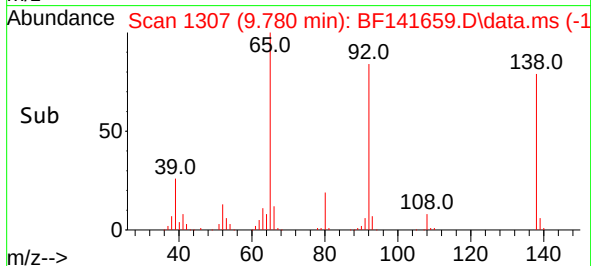
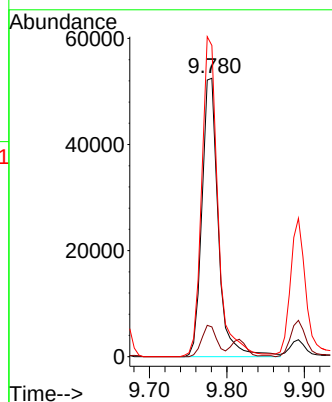
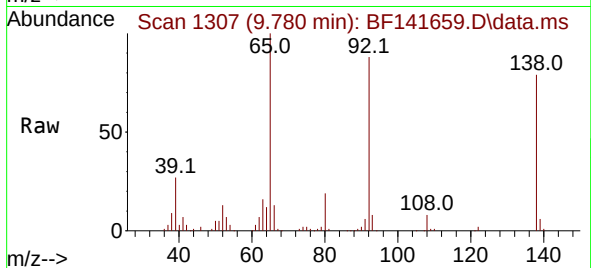
Tgt Ion:138 Resp: 76996

Ion Ratio Lower Upper

138 100

108 10.7 9.0 13.4

92 111.8 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 82.439 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

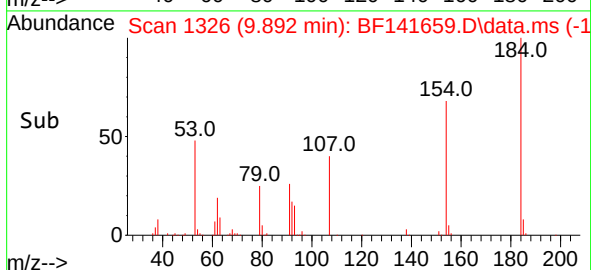
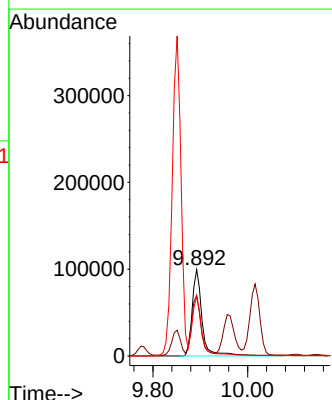
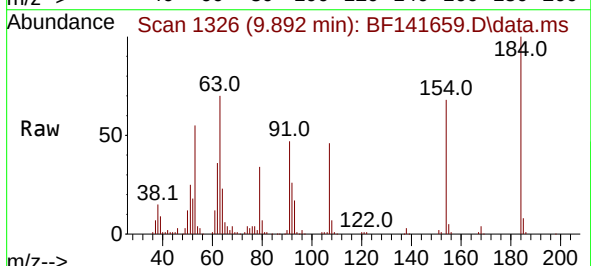
Tgt Ion:184 Resp: 146783

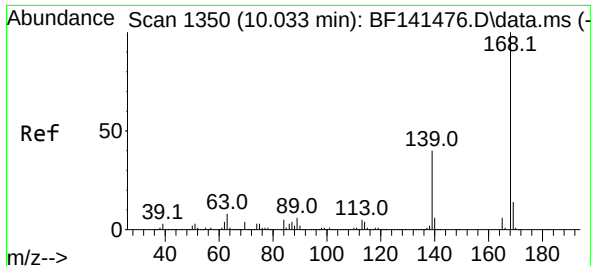
Ion Ratio Lower Upper

184 100

63 70.4 61.0 91.6

154 68.5 59.9 89.9

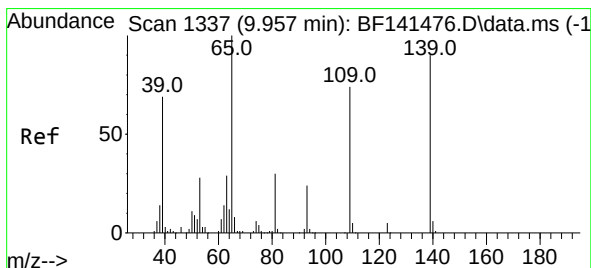
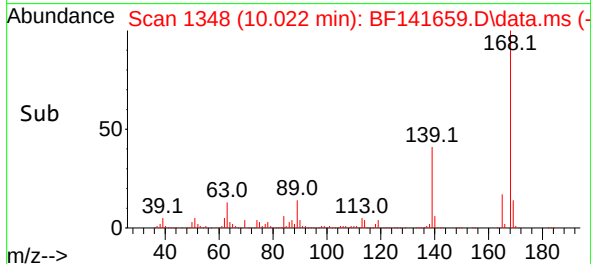
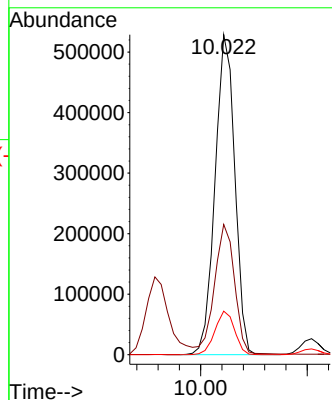
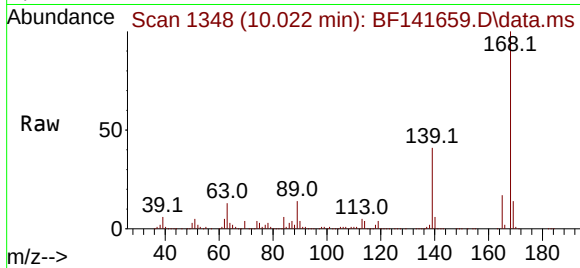




#55
Dibenzenofuran
Concen: 40.029 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

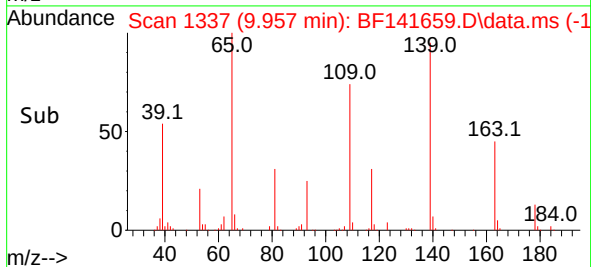
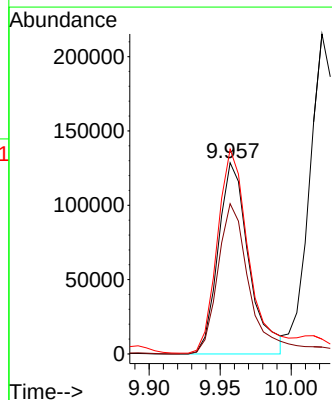
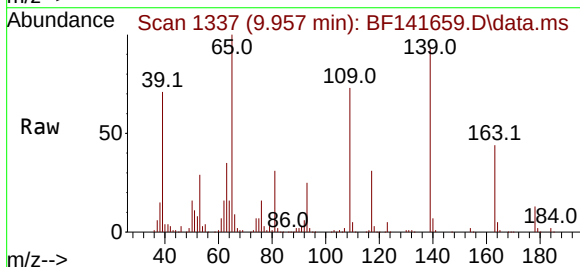
Instrument :
BNA_F
ClientSampleId :
PB166751BS

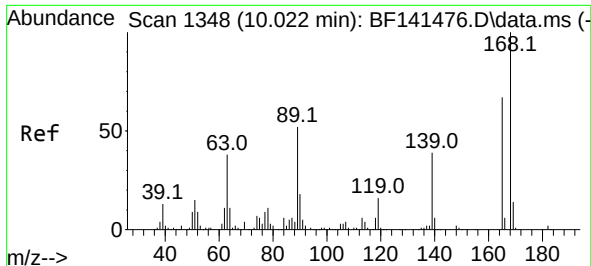
Tgt Ion:168 Resp: 679939
Ion Ratio Lower Upper
168 100
139 40.7 32.7 49.1
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 80.591 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:139 Resp: 192902
Ion Ratio Lower Upper
139 100
109 78.6 62.0 102.0
65 107.2 91.2 131.2

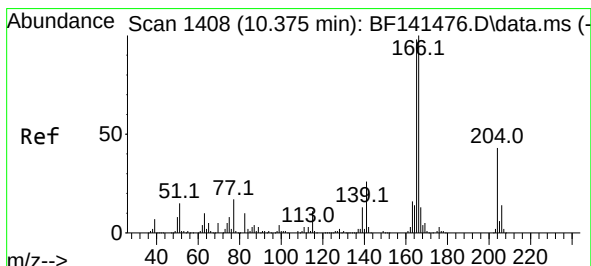
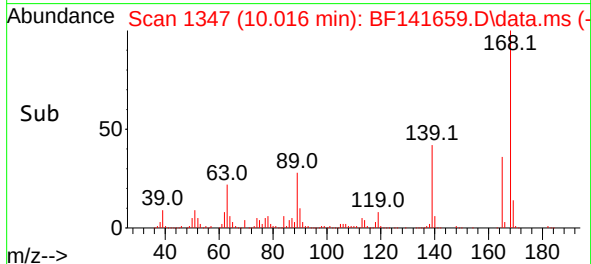
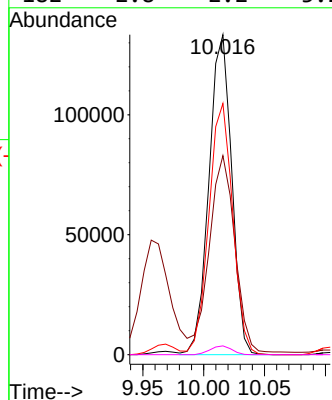
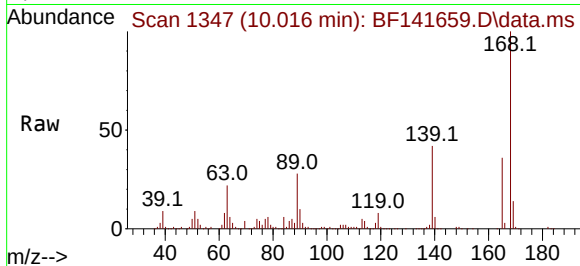




#57
2,4-Dinitrotoluene
Concen: 43.412 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

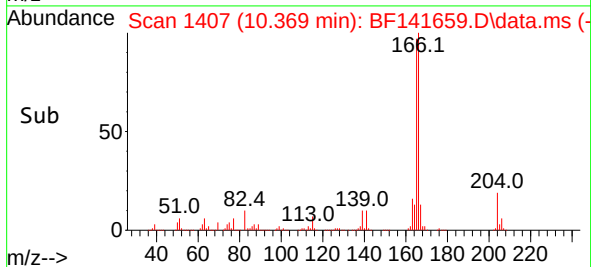
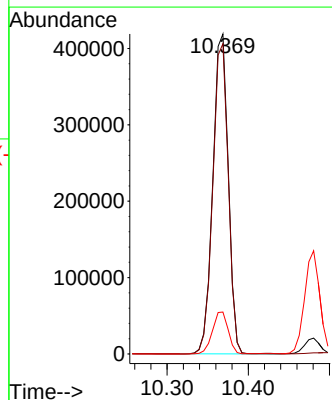
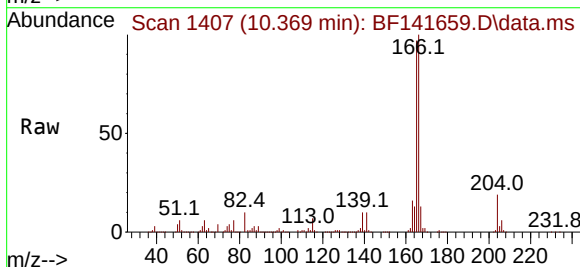
Instrument :
BNA_F
ClientSampleId :
PB166751BS

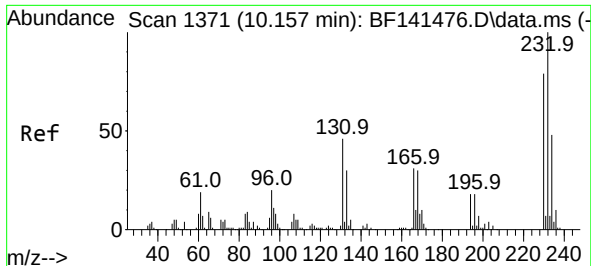
Tgt Ion:165 Resp: 173135
Ion Ratio Lower Upper
165 100
63 62.2 46.4 69.6
89 78.5 61.8 92.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.138 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

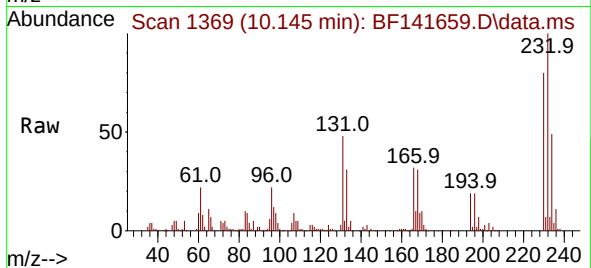
Tgt Ion:166 Resp: 553431
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.2
167 13.1 10.7 16.1



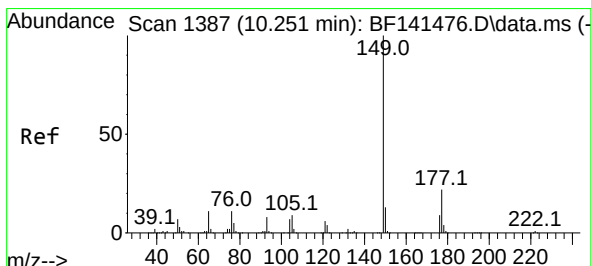
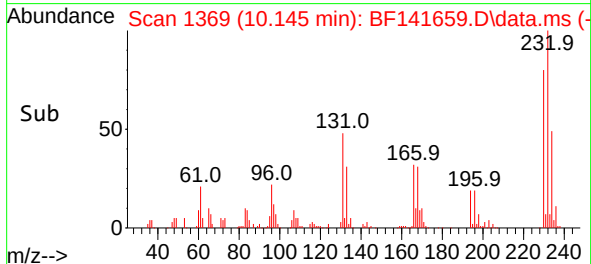
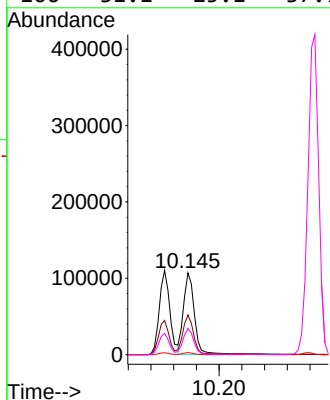


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.766 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Instrument :
BNA_F
ClientSampleId :
PB166751BS

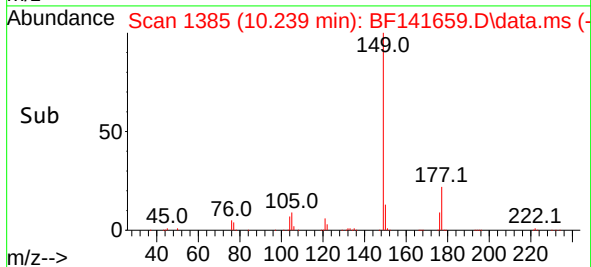
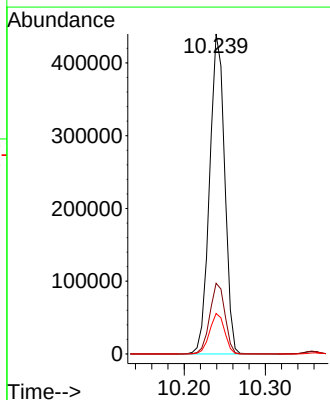
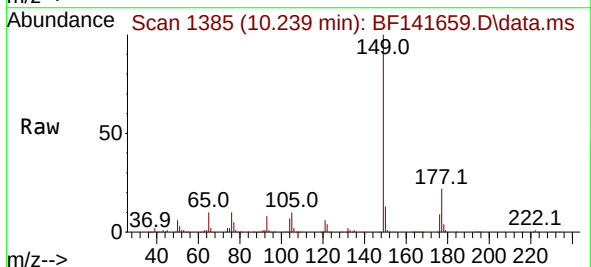


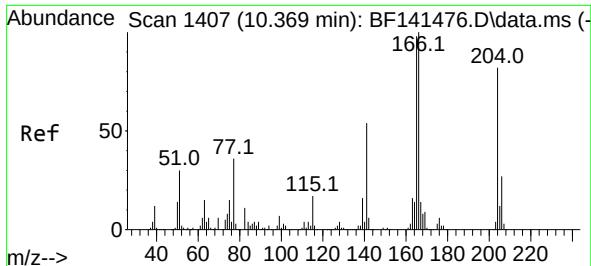
Tgt Ion:232 Resp: 143574
Ion Ratio Lower Upper
232 100
131 46.8 39.2 58.8
130 2.4 2.1 3.1
166 31.1 25.1 37.7



#60
Diethylphthalate
Concen: 42.002 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:149 Resp: 566321
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.6
150 12.7 10.1 15.1

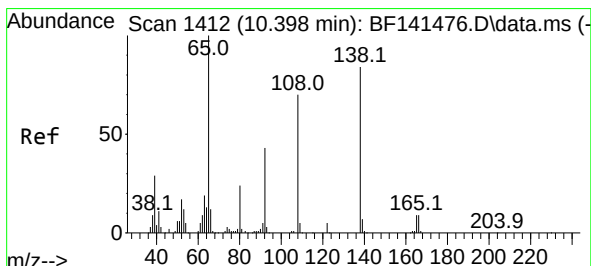
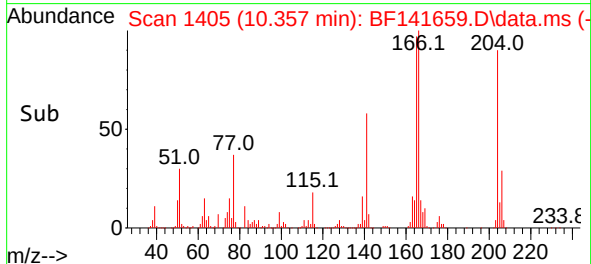
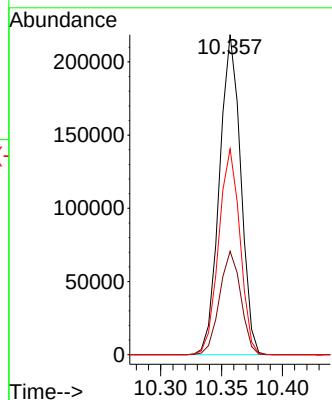
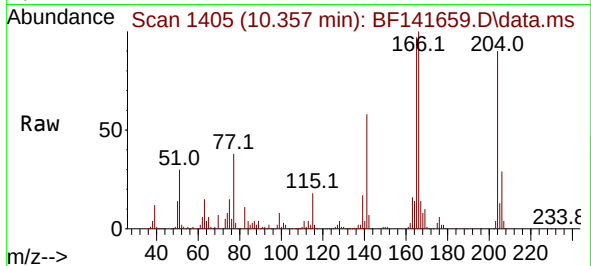




#61
4-Chlorophenyl-phenylether
Concen: 42.025 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

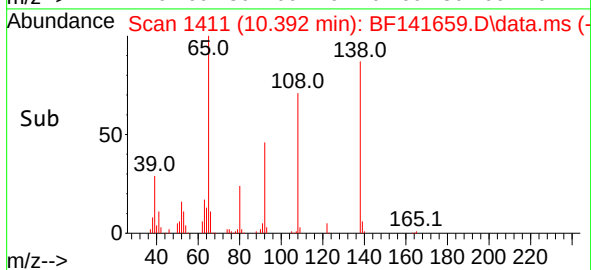
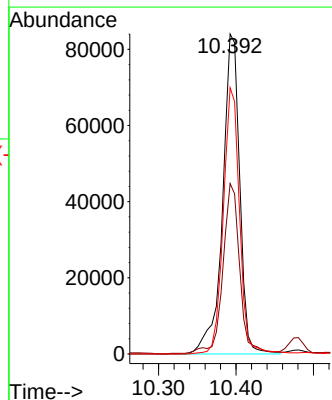
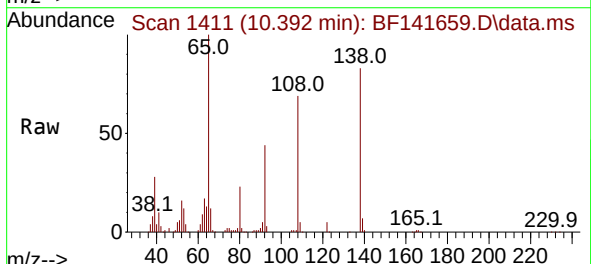
Instrument :
BNA_F
ClientSampleId :
PB166751BS

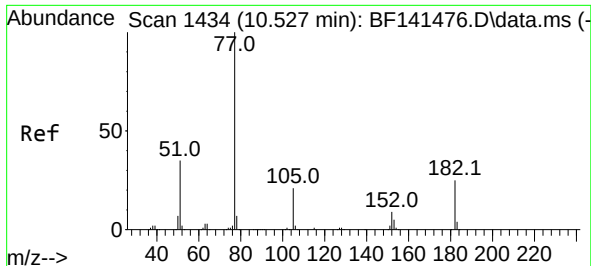
Tgt Ion:204 Resp: 265532
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 64.3 51.9 77.9



#62
4-Nitroaniline
Concen: 39.528 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:138 Resp: 129419
Ion Ratio Lower Upper
138 100
92 53.2 31.3 71.3
108 83.2 63.7 103.7

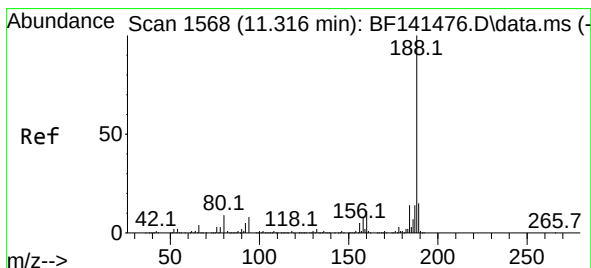
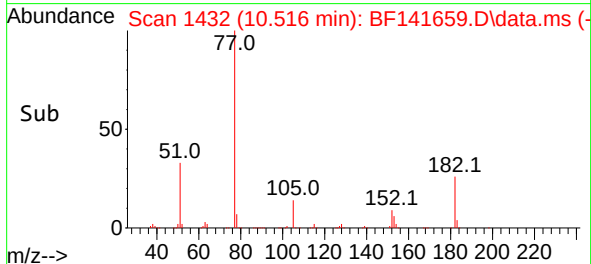
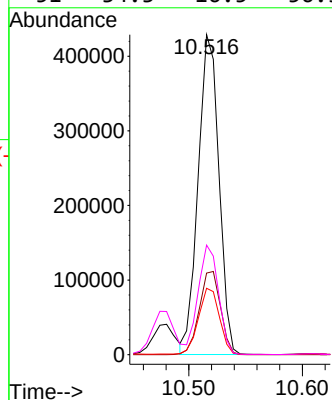
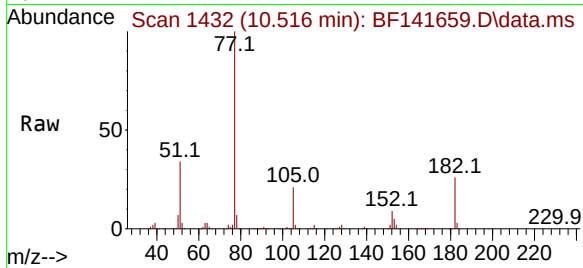




#63
Azobenzene
Concen: 40.688 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

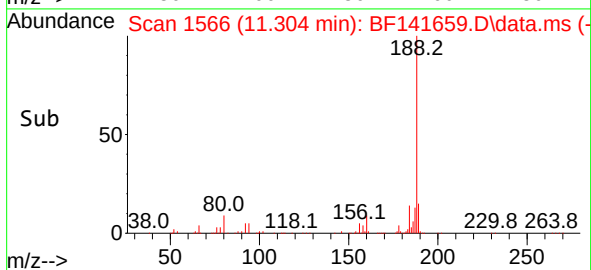
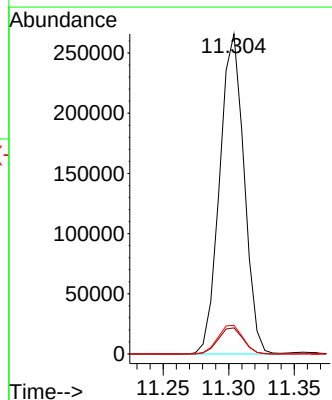
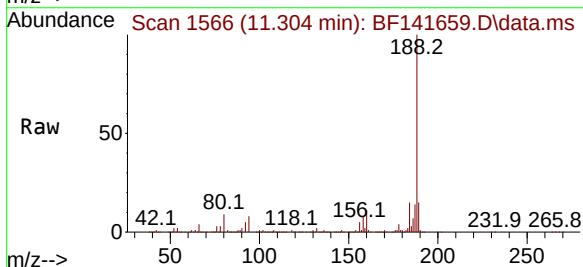
Instrument :
BNA_F
ClientSampleId :
PB166751BS

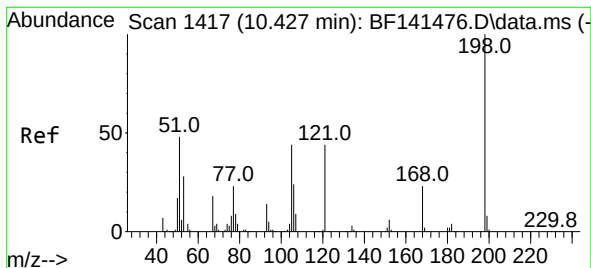
Tgt Ion:	77	Resp:	545393
Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.7	44.7
105	20.8	0.4	40.4
51	34.3	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:	188	Resp:	343799
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	9.0	7.3	10.9

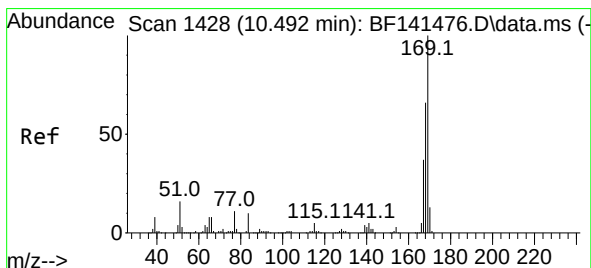
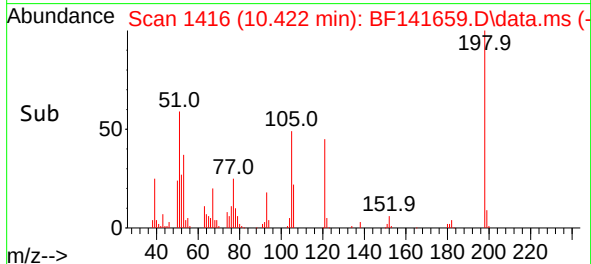
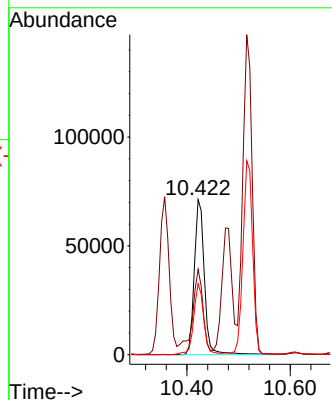
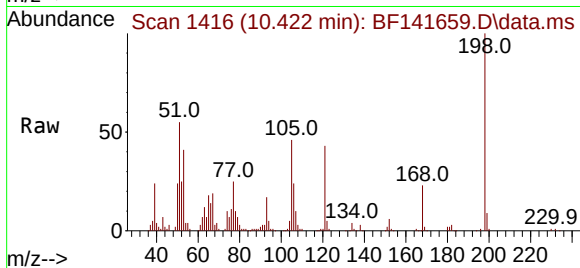




#65
4,6-Dinitro-2-methylphenol
Concen: 40.636 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

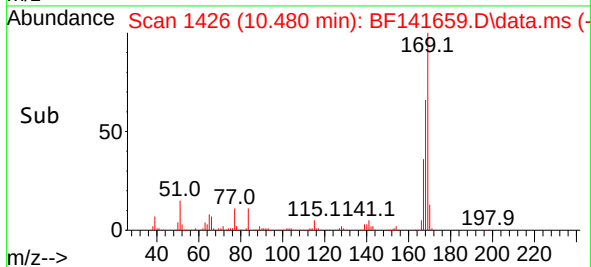
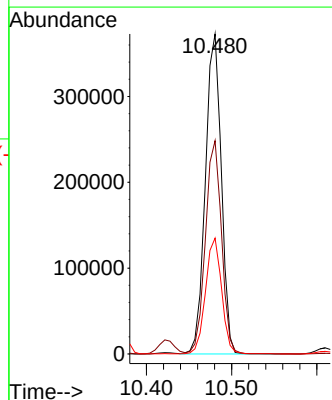
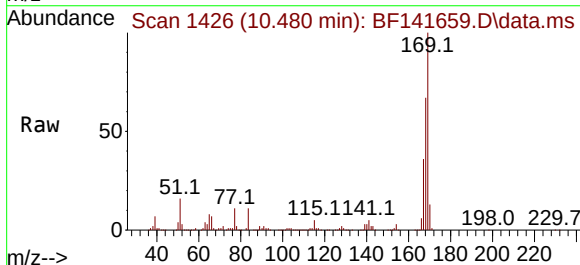
Instrument :
BNA_F
ClientSampleId :
PB166751BS

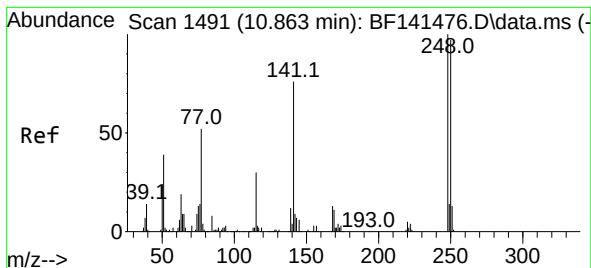
Tgt Ion:198 Resp: 97048
Ion Ratio Lower Upper
198 100
51 55.0 37.4 77.4
105 45.7 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 43.964 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

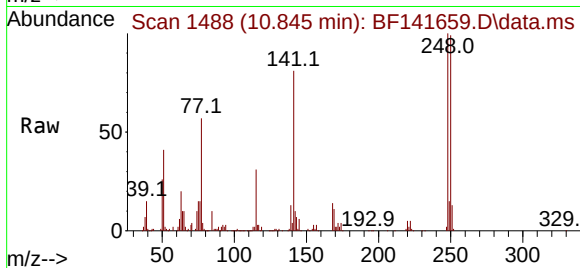
Tgt Ion:169 Resp: 483837
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 36.2 29.4 44.2



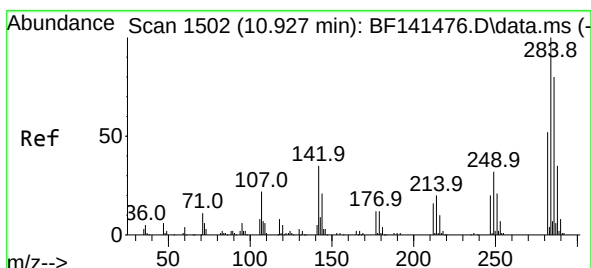
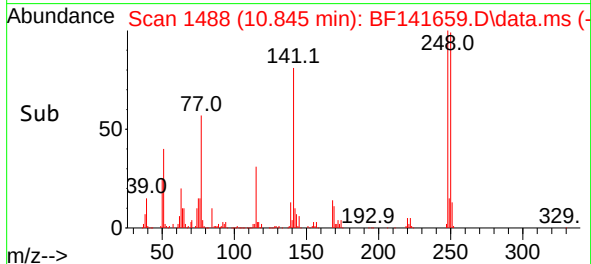
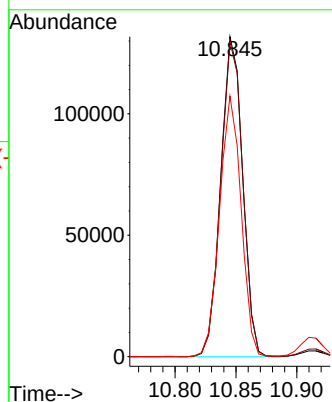


#67
4-Bromophenyl-phenylether
Concen: 43.068 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Instrument :
BNA_F
ClientSampleId :
PB166751BS

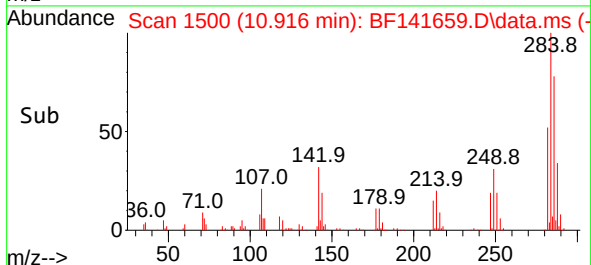
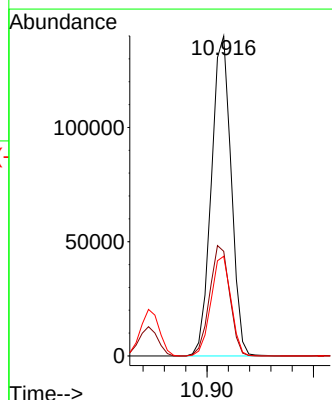
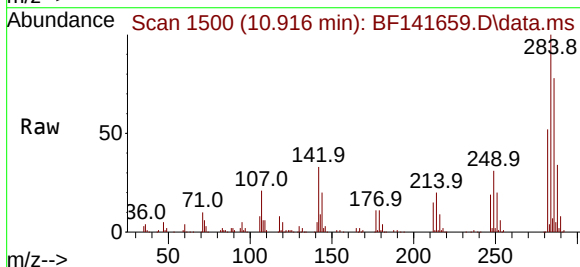


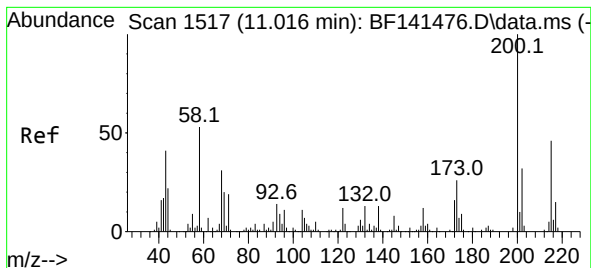
Tgt Ion:248 Resp: 165486
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.6
141 81.5 60.6 90.8



#68
Hexachlorobenzene
Concen: 45.667 ng
RT: 10.916 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:284 Resp: 180687
Ion Ratio Lower Upper
284 100
142 32.7 28.0 42.0
249 31.2 25.8 38.8





#69

Atrazine

Concen: 54.531 ng

RT: 11.010 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB166751BS

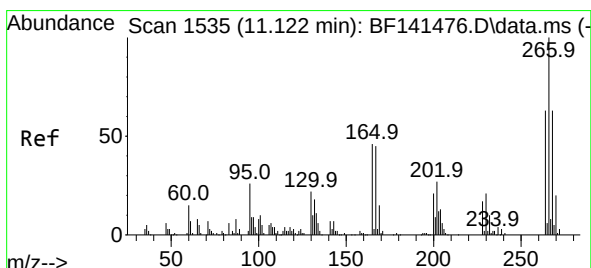
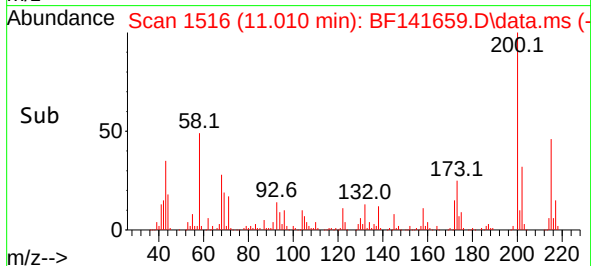
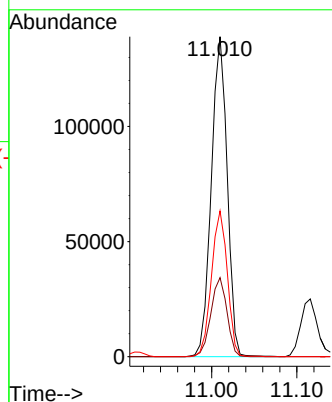
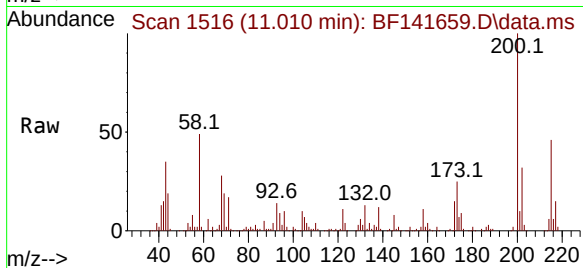
Tgt Ion:200 Resp: 180041

Ion Ratio Lower Upper

200 100

173 24.7 5.9 45.9

215 45.6 25.9 65.9



#70

Pentachlorophenol

Concen: 73.515 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

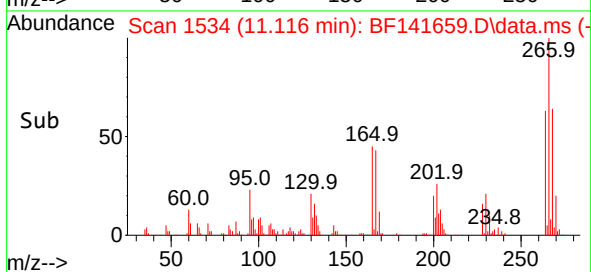
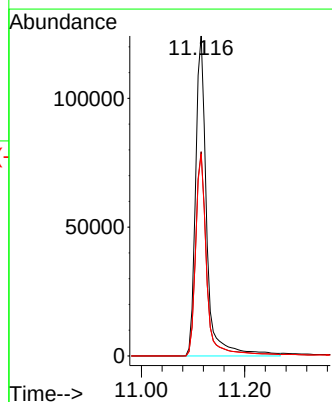
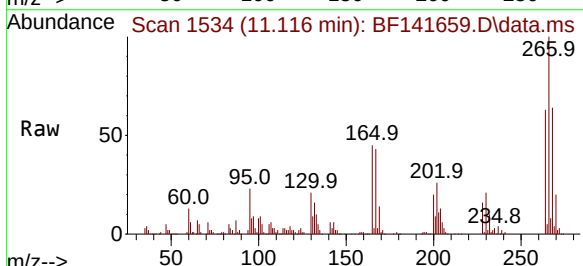
Tgt Ion:266 Resp: 185990

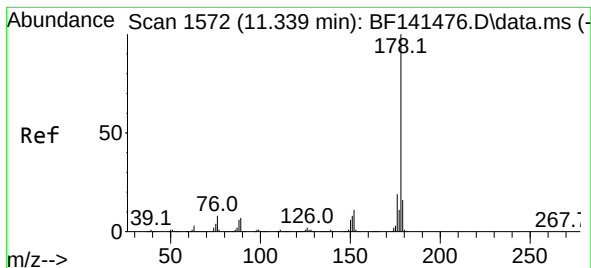
Ion Ratio Lower Upper

266 100

268 63.9 50.1 75.1

264 63.1 50.1 75.1

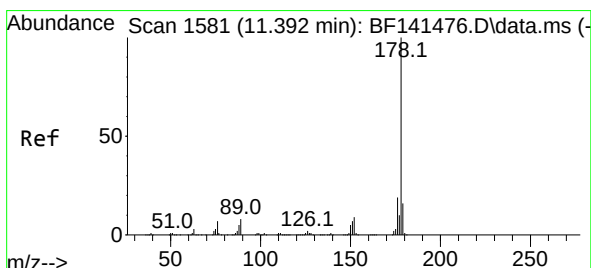
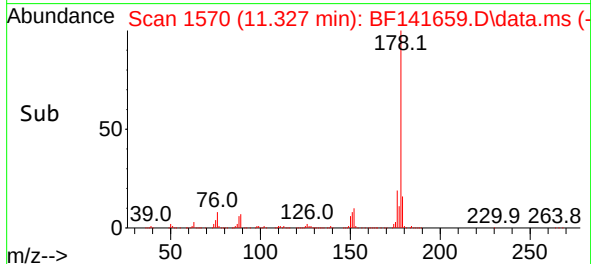
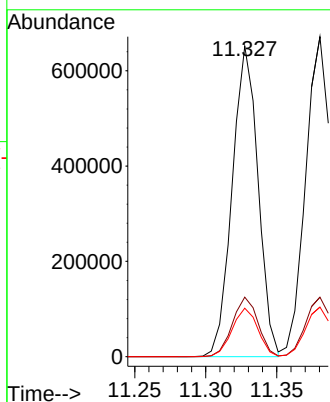
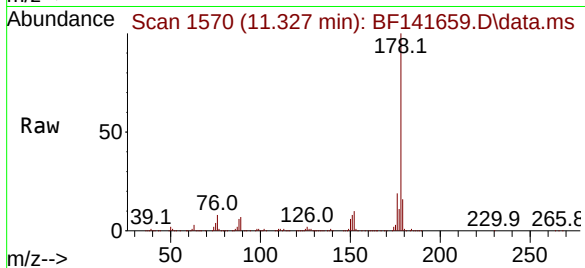




#71
Phenanthrene
Concen: 43.638 ng
RT: 11.327 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

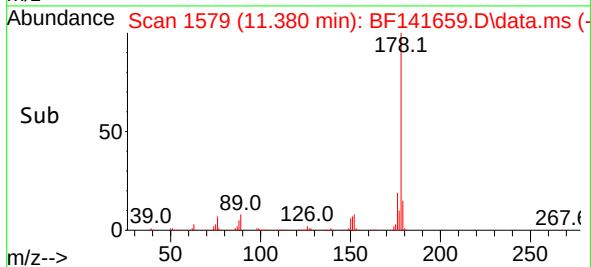
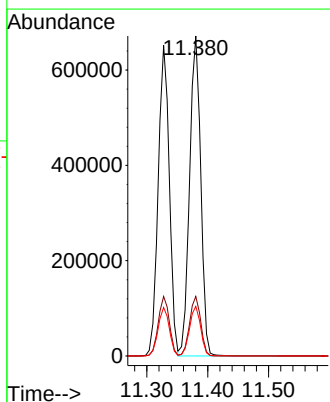
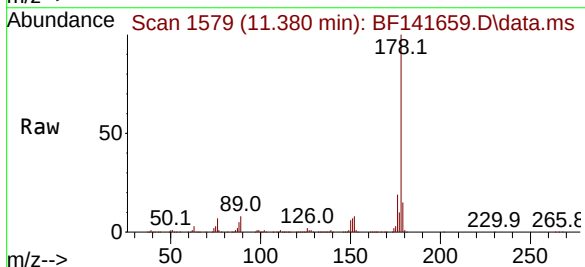
Instrument :
BNA_F
ClientSampleId :
PB166751BS

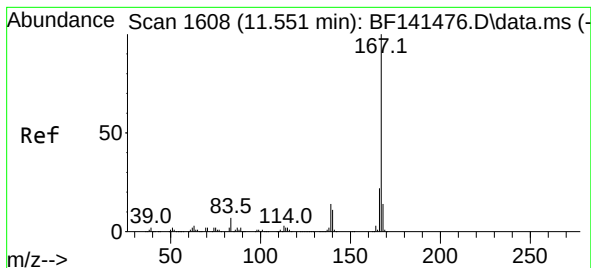
Tgt Ion:178 Resp: 825827
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 44.783 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:178 Resp: 851936
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.5 12.4 18.6





#73

Carbazole

Concen: 42.933 ng

RT: 11.539 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB166751BS

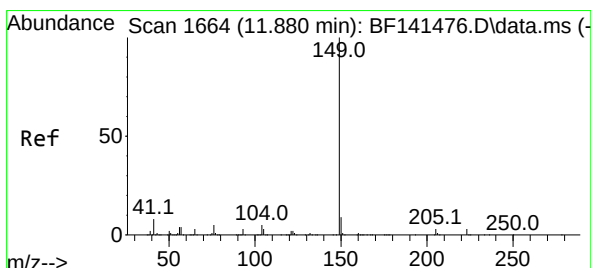
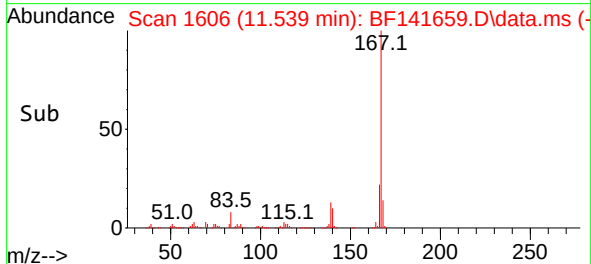
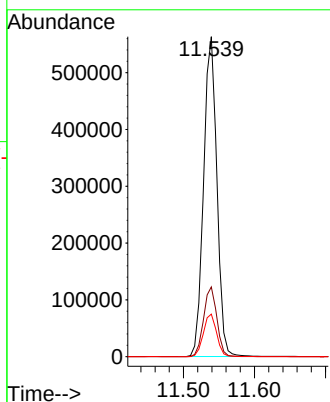
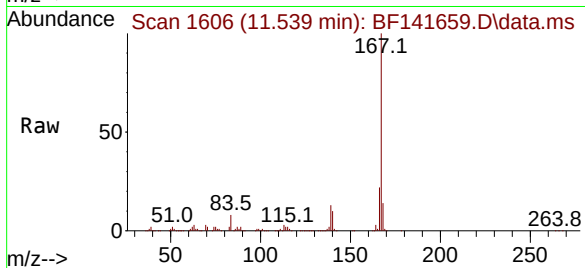
Tgt Ion:167 Resp: 734904

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.3 10.9 16.3



#74

Di-n-butylphthalate

Concen: 44.143 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.018 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

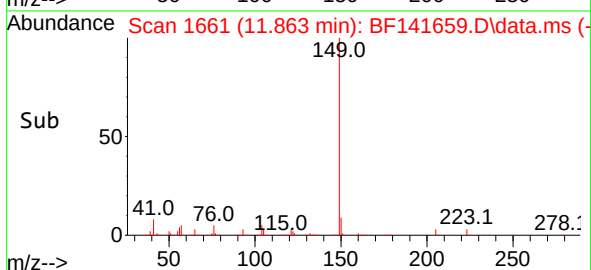
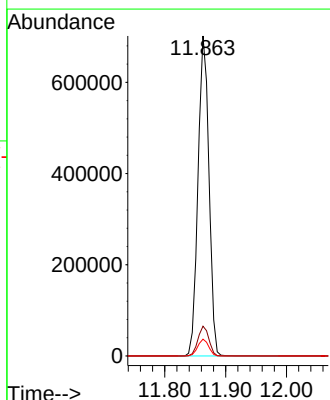
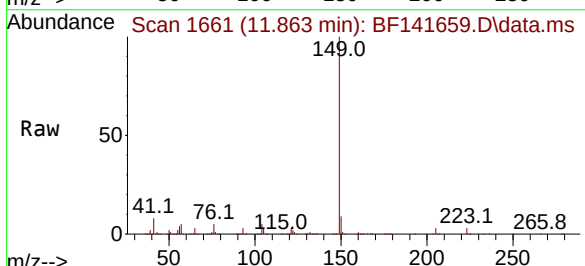
Tgt Ion:149 Resp: 872481

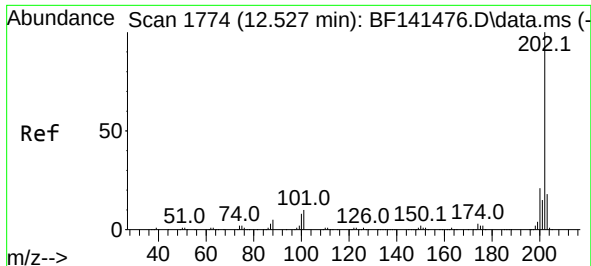
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

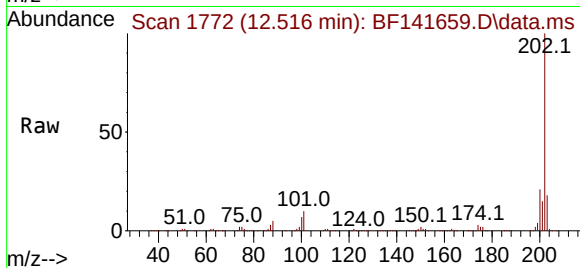
104 5.3 4.2 6.2



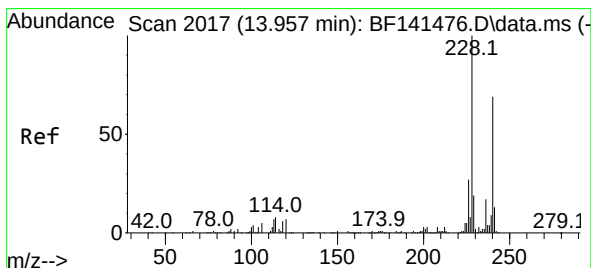
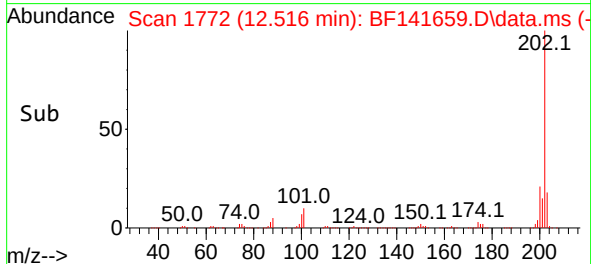
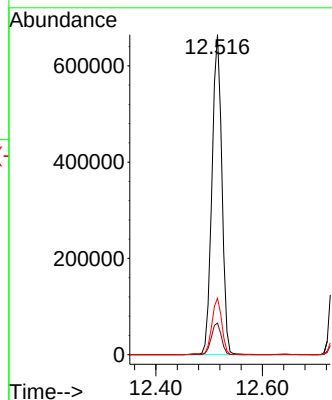


#75
Fluoranthene
Concen: 42.789 ng
RT: 12.516 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Instrument :
BNA_F
ClientSampleId :
PB166751BS

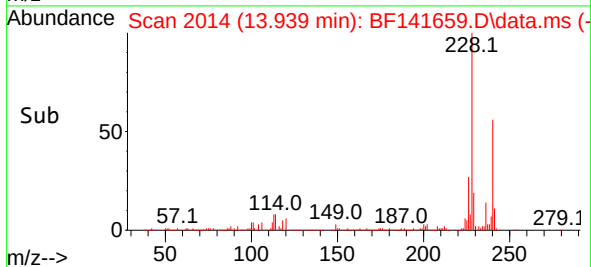
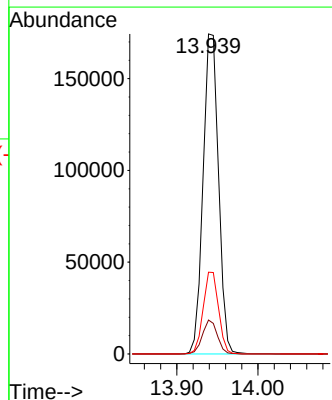
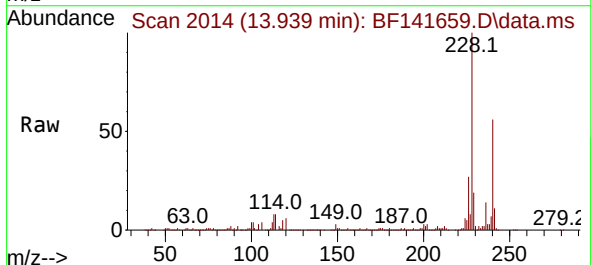


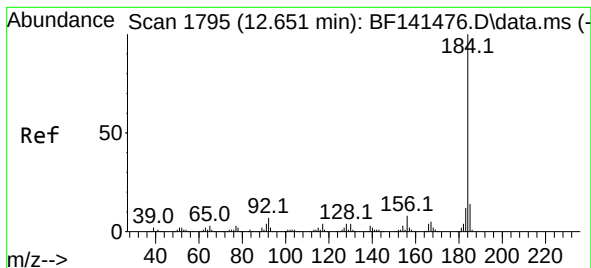
Tgt Ion:202 Resp: 858509
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:240 Resp: 230469
Ion Ratio Lower Upper
240 100
120 10.6 8.0 12.0
236 25.6 19.8 29.8





#77

Benzidine

Concen: 55.427 ng

RT: 12.639 min Scan# 1793

Delta R.T. -0.018 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB166751BS

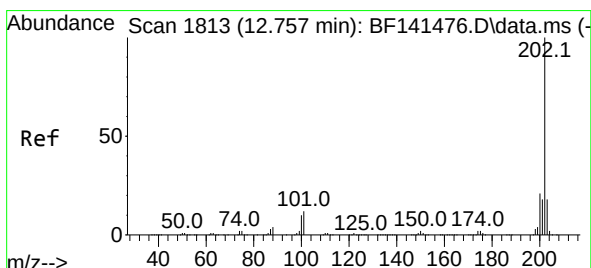
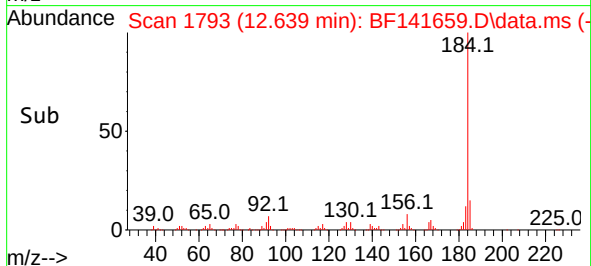
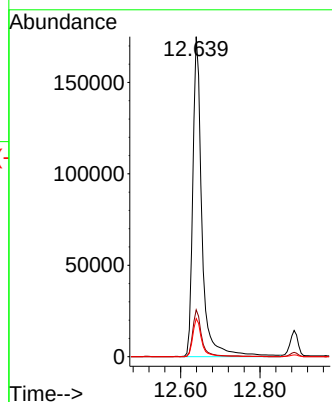
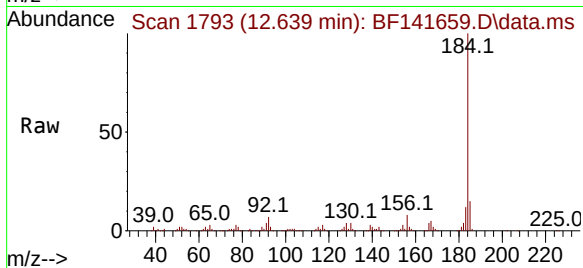
Tgt Ion:184 Resp: 281728

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

183 11.9 9.3 13.9



#78

Pyrene

Concen: 44.607 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.018 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

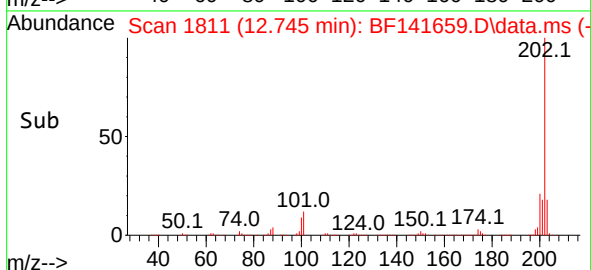
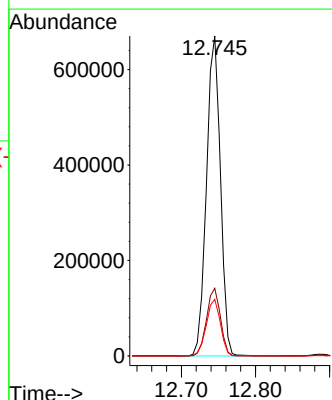
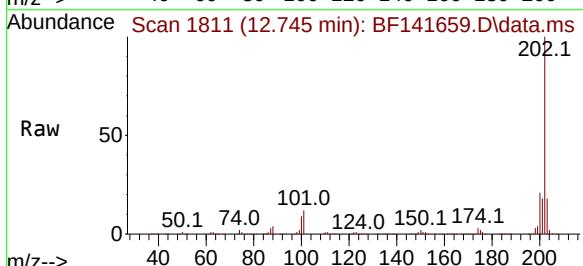
Tgt Ion:202 Resp: 875150

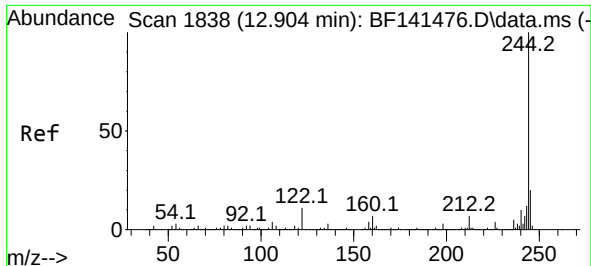
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

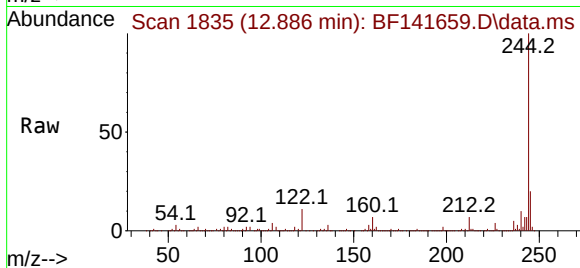
203 17.7 14.3 21.5



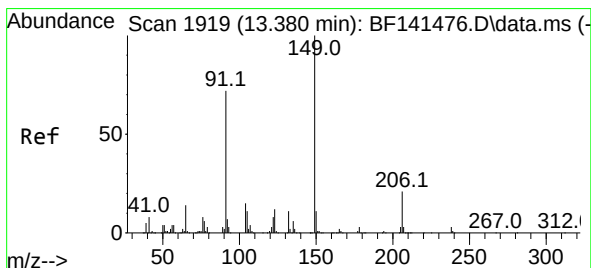
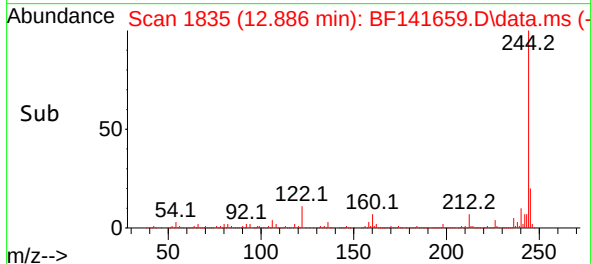
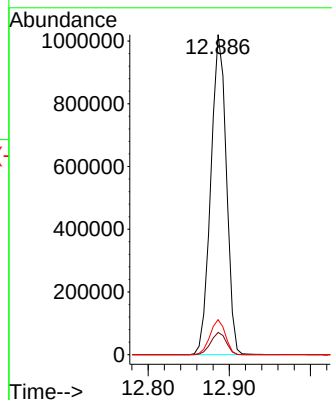


#79
 Terphenyl-d14
 Concen: 99.381 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.018 min
 Lab File: BF141659.D
 Acq: 18 Feb 2025 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PB166751BS

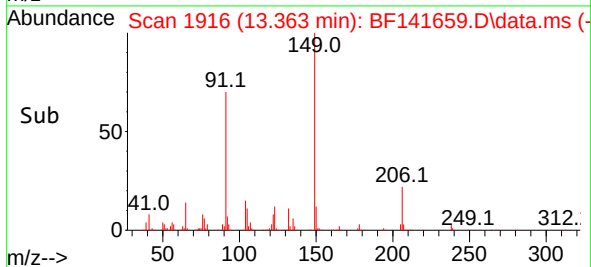
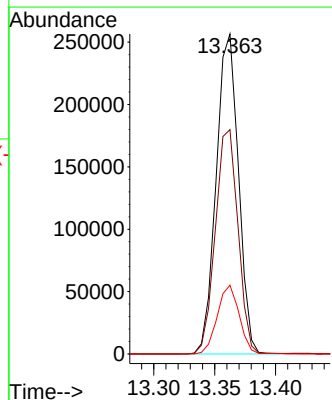
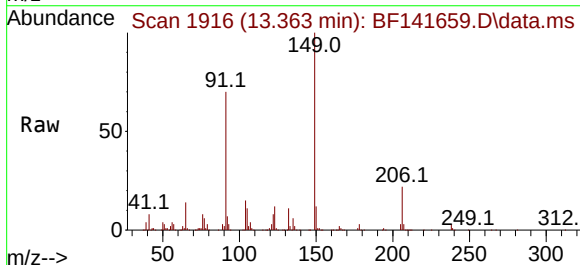


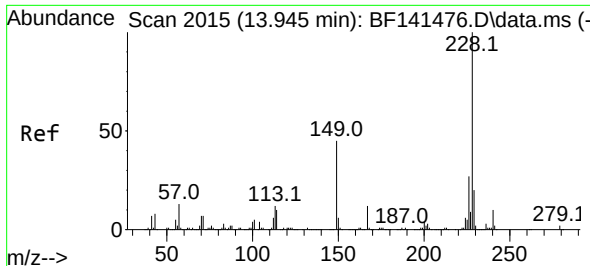
Tgt Ion:244 Resp: 1356746
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.9 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 48.126 ng
 RT: 13.363 min Scan# 1916
 Delta R.T. -0.018 min
 Lab File: BF141659.D
 Acq: 18 Feb 2025 13:53

Tgt Ion:149 Resp: 327037
 Ion Ratio Lower Upper
 149 100
 91 70.1 57.8 86.8
 206 21.5 16.7 25.1

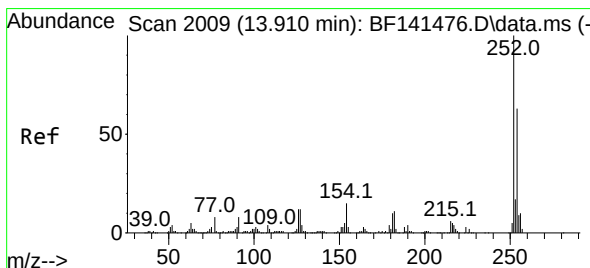
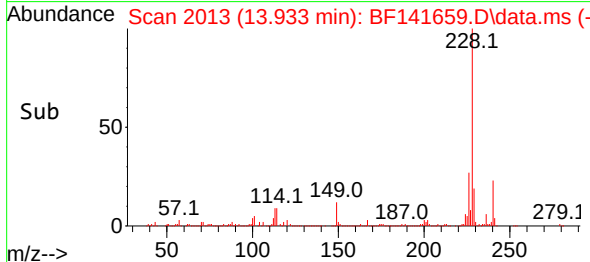
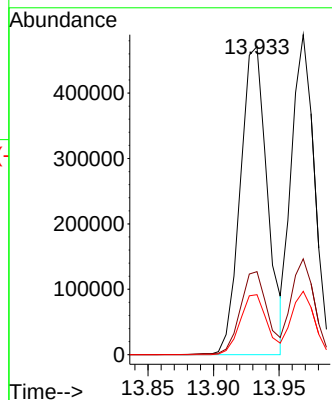
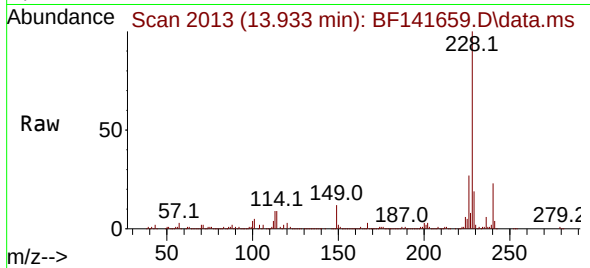




#81
Benzo(a)anthracene
Concen: 44.143 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

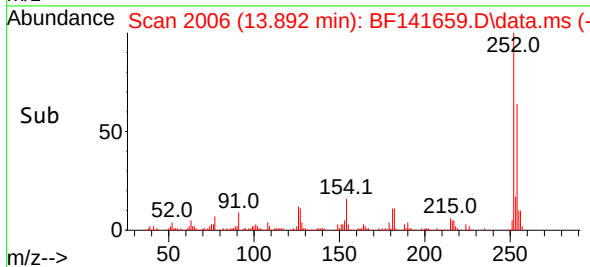
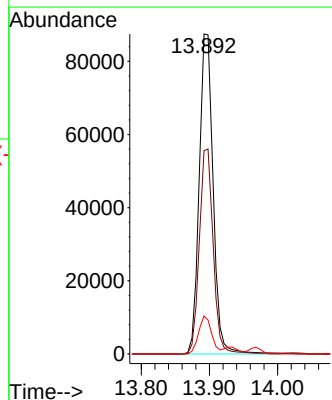
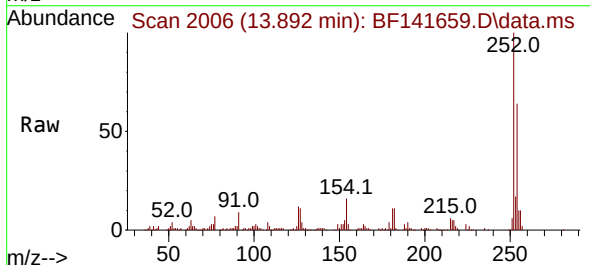
Instrument :
BNA_F
ClientSampleId :
PB166751BS

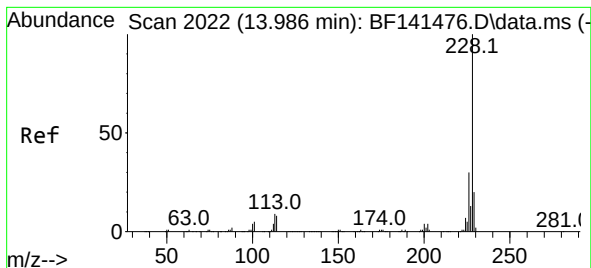
Tgt Ion:228 Resp: 676268
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 28.373 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:252 Resp: 124517
Ion Ratio Lower Upper
252 100
254 63.6 50.6 76.0
126 11.9 9.3 13.9





#83

Chrysene

Concen: 41.903 ng

RT: 13.968 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB166751BS

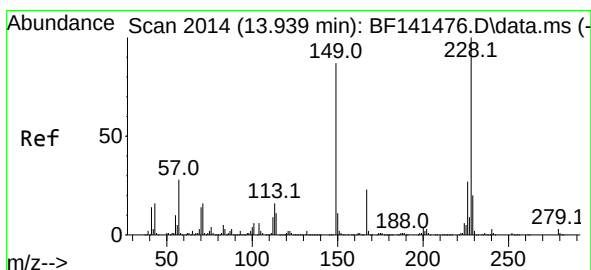
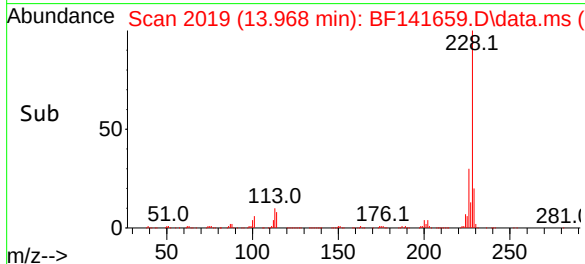
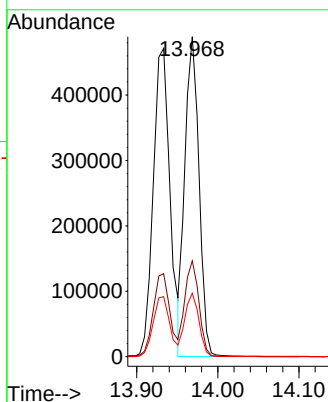
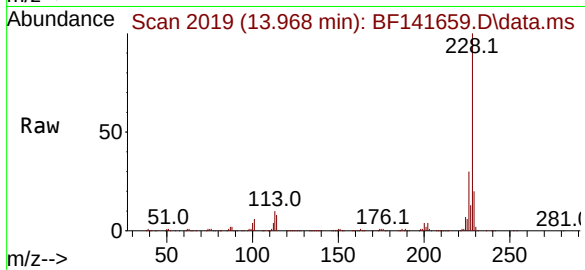
Tgt Ion:228 Resp: 592750

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.292 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141659.D

Acq: 18 Feb 2025 13:53

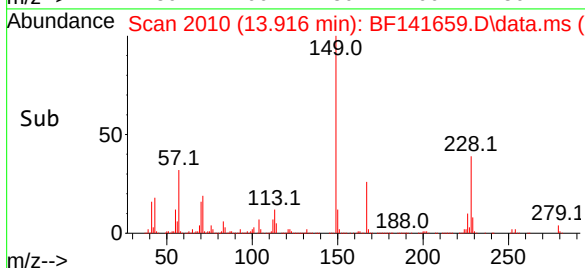
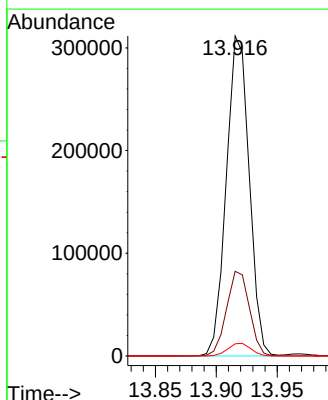
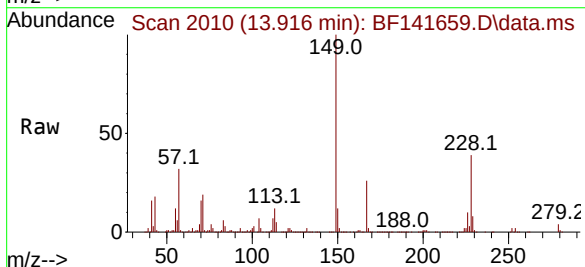
Tgt Ion:149 Resp: 408448

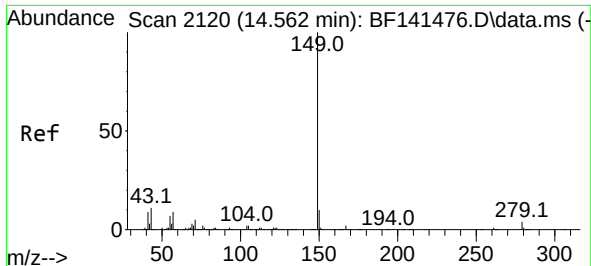
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 3.8 3.1 4.7

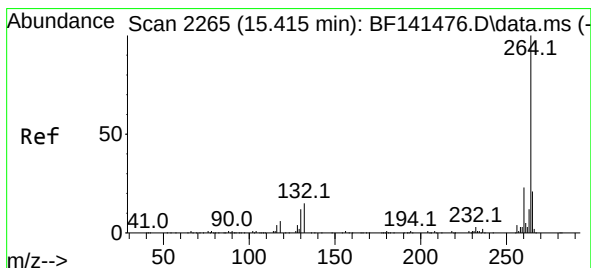
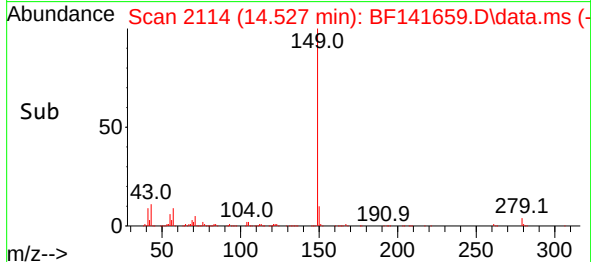
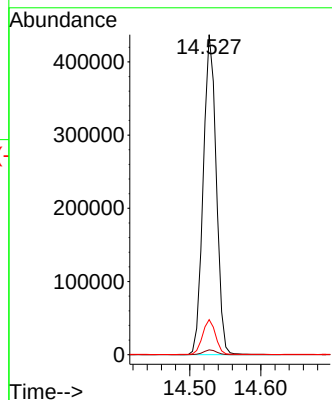
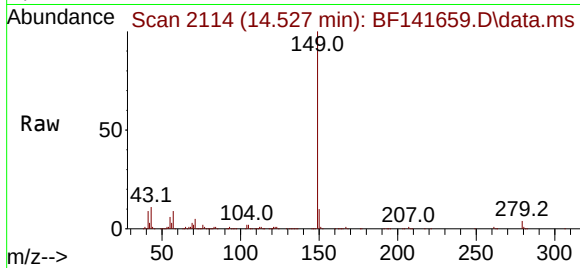




#85
Di-n-octyl phthalate
Concen: 51.140 ng
RT: 14.527 min Scan# 2114
Delta R.T. -0.035 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

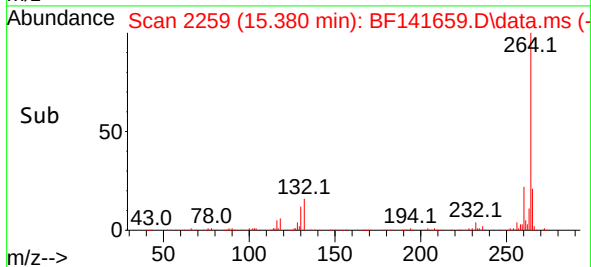
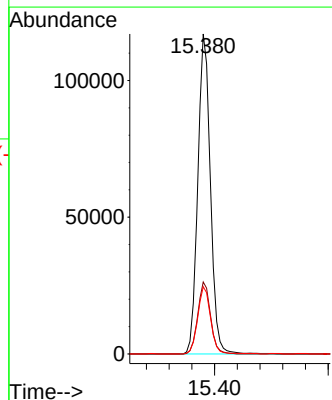
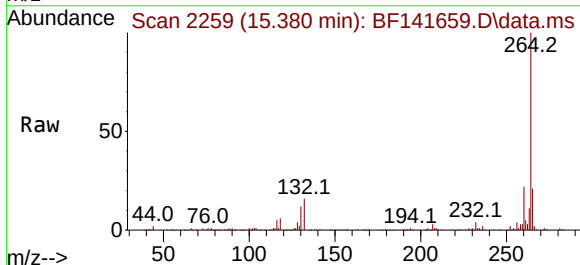
Instrument :
BNA_F
ClientSampleId :
PB166751BS

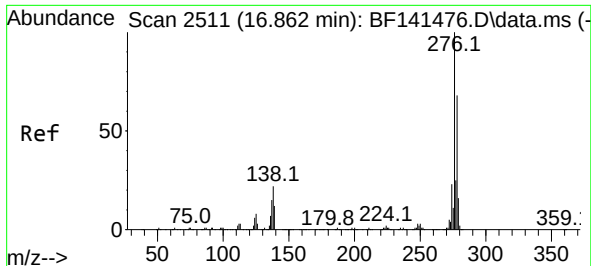
Tgt Ion:149 Resp: 559146
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.9 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.035 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:264 Resp: 180550
Ion Ratio Lower Upper
264 100
260 22.5 18.6 28.0
265 21.0 17.0 25.4

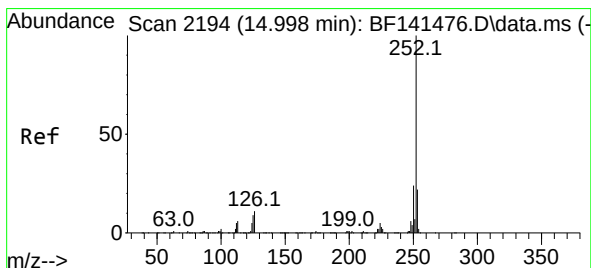
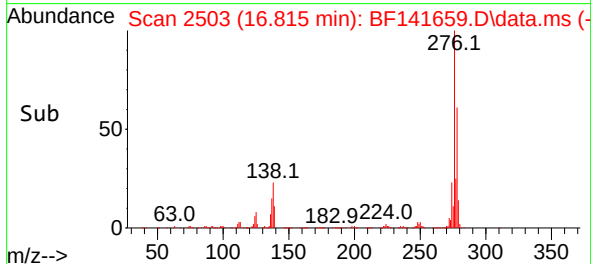
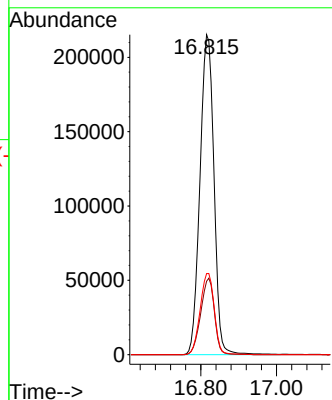
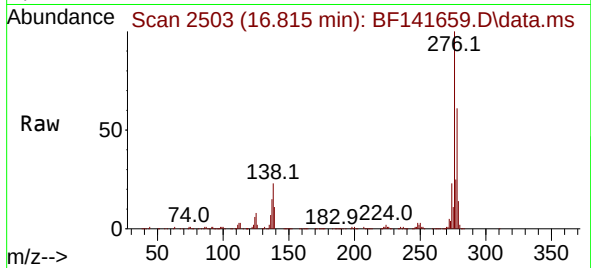




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.539 ng
 RT: 16.815 min Scan# 2189
 Delta R.T. -0.059 min
 Lab File: BF141659.D
 Acq: 18 Feb 2025 13:53

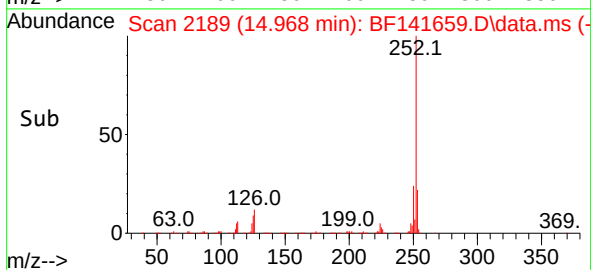
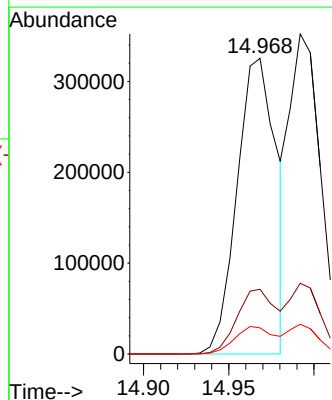
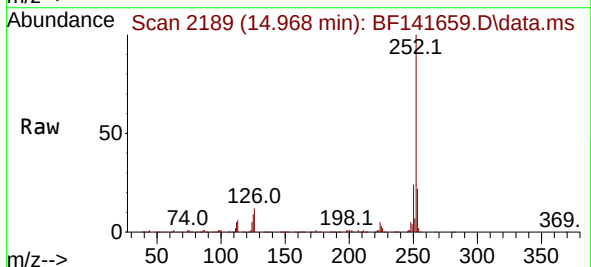
Instrument :
 BNA_F
 ClientSampleId :
 PB166751BS

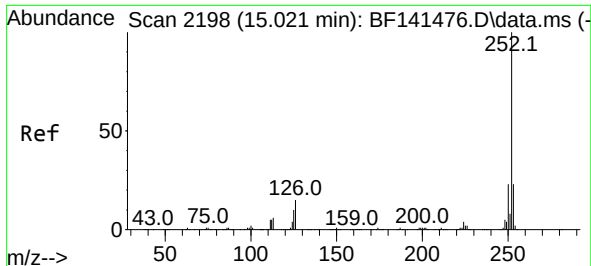
Tgt Ion:276 Resp: 552655
 Ion Ratio Lower Upper
 276 100
 138 23.3 18.0 27.0
 277 25.7 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 42.963 ng
 RT: 14.968 min Scan# 2189
 Delta R.T. -0.035 min
 Lab File: BF141659.D
 Acq: 18 Feb 2025 13:53

Tgt Ion:252 Resp: 520846
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 8.8 7.0 10.6

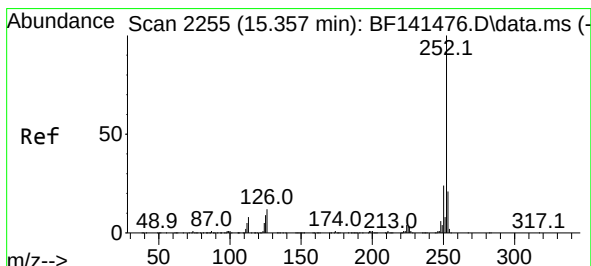
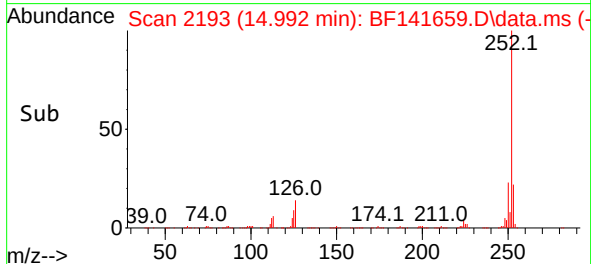
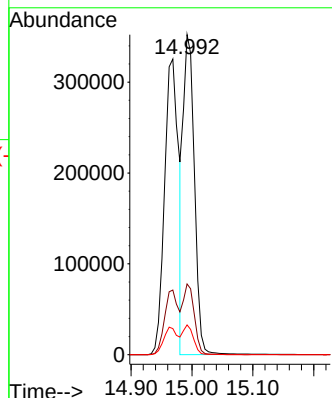
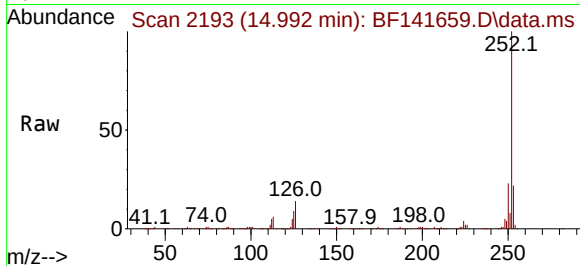




#89
Benzo(k)fluoranthene
Concen: 43.788 ng
RT: 14.992 min Scan# 2198
Delta R.T. -0.041 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

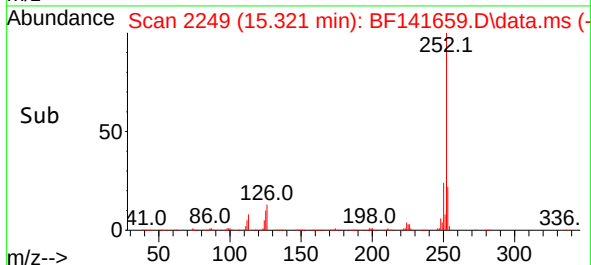
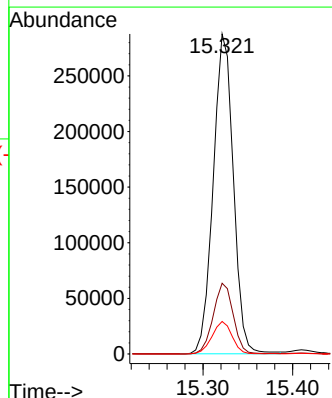
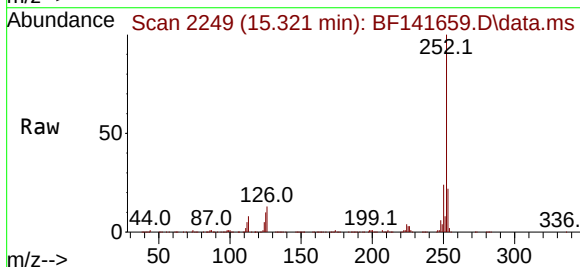
Instrument :
BNA_F
ClientSampleId :
PB166751BS

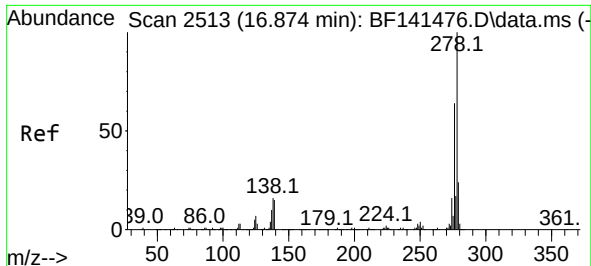
Tgt Ion:252 Resp: 453295
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.3 7.4 11.0



#90
Benzo(a)pyrene
Concen: 45.687 ng
RT: 15.321 min Scan# 2249
Delta R.T. -0.041 min
Lab File: BF141659.D
Acq: 18 Feb 2025 13:53

Tgt Ion:252 Resp: 448166
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 10.2 7.4 11.2

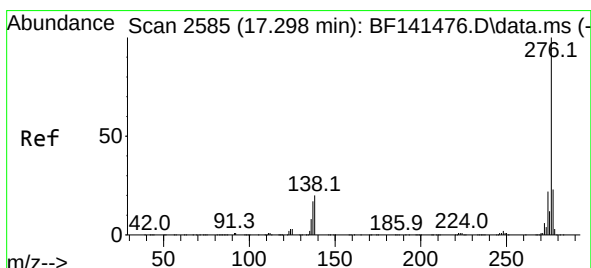
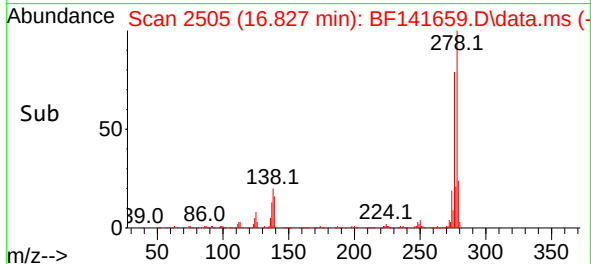
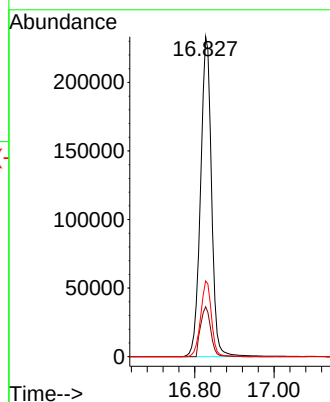
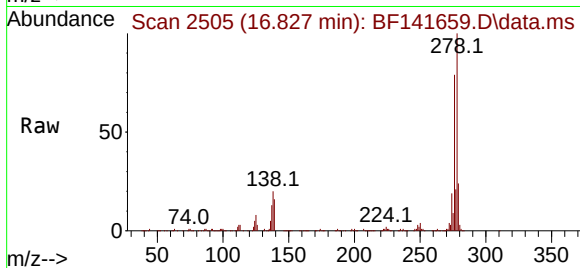




#91
 Dibenzo(a,h)anthracene
 Concen: 49.637 ng
 RT: 16.827 min Scan# 2505
 Delta R.T. -0.065 min
 Lab File: BF141659.D
 Acq: 18 Feb 2025 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PB166751BS

Tgt Ion:278 Resp: 448701
 Ion Ratio Lower Upper
 278 100
 139 15.6 11.8 17.6
 279 23.6 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 46.352 ng
 RT: 17.245 min Scan# 2576
 Delta R.T. -0.070 min
 Lab File: BF141659.D
 Acq: 18 Feb 2025 13:53

Tgt Ion:276 Resp: 438472
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.6 28.0
 138 20.3 15.9 23.9

