

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135936.D
 Acq On : 25 Oct 2023 11:35
 Operator : CG\JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 14:09:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 14:08:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	209247	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	861081	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	448106	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	819715	20.000	ng	0.00
76) Chrysene-d12	14.004	240	637524	20.000	ng	0.00
86) Perylene-d12	15.486	264	584125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	65770	4.910	ng	-0.01
7) Phenol-d6	6.434	99	83705	5.034	ng	-0.02
23) Nitrobenzene-d5	7.375	82	28109	1.918	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	11438	2.462	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	155915	4.923	ng	0.00
79) Terphenyl-d14	12.945	244	175786	4.411	ng	-0.01
Target Compounds						
						Qvalue
3) Pyridine	3.375	79	39388	2.589	ng	98
4) n-Nitrosodimethylamine	3.310	42	17955	2.335	ng	# 90
6) Aniline	6.481	93	56675	2.690	ng	96
8) 2-Chlorophenol	6.598	128	32388	2.311	ng	93
9) Benzaldehyde	6.369	77	29359	3.215	ng	98
10) Phenol	6.451	94	42925	2.447	ng	98
11) bis(2-Chloroethyl)ether	6.557	93	34848	2.662	ng	97
12) 1,3-Dichlorobenzene	6.763	146	38243	2.677	ng	96
13) 1,4-Dichlorobenzene	6.840	146	38070	2.599	ng	99
14) 1,2-Dichlorobenzene	6.987	146	37319	2.807	ng	97
15) Benzyl Alcohol	6.957	79	28146	2.457	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	51581	2.323	ng	97
17) 2-Methylphenol	7.063	107	29941	2.541	ng	95
18) Hexachloroethane	7.334	117	11965	2.198	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	23575	2.384	ng	96
20) 3+4-Methylphenols	7.216	107	38010	2.424	ng	94
22) Acetophenone	7.222	105	52428	2.774	ng	# 96
25) Isophorone	7.634	82	65984	2.398	ng	99
27) 2,4-Dimethylphenol	7.751	122	28929	2.334	ng	98
28) bis(2-Chloroethoxy)met...	7.851	93	41110	2.495	ng	98
30) 1,2,4-Trichlorobenzene	8.040	180	31654	2.528	ng	98
31) Naphthalene	8.122	128	109537	2.584	ng	98
33) 4-Chloroaniline	8.169	127	45962	2.687	ng	100
34) Hexachlorobutadiene	8.245	225	18129	2.599	ng	99
37) 2-Methylnaphthalene	8.816	142	71944	2.587	ng	99
38) 1-Methylnaphthalene	8.916	142	66517	2.538	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	31282	2.223	ng	99
41) Hexachlorocyclopentadiene	8.969	237	10788	5.355	ng	92
46) 1,1'-Biphenyl	9.281	154	88477	2.465	ng	98
47) 2-Chloronaphthalene	9.304	162	63889	2.457	ng	98
49) Acenaphthylene	9.716	152	98151	2.255	ng	99
50) Dimethylphthalate	9.575	163	68508	2.322	ng	99
52) Acenaphthene	9.892	154	61647	2.436	ng	99
55) Dibenzofuran	10.063	168	92344	2.365	ng	99
58) Fluorene	10.404	166	72975	2.344	ng	99
60) Diethylphthalate	10.281	149	65100	2.106	ng	99

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

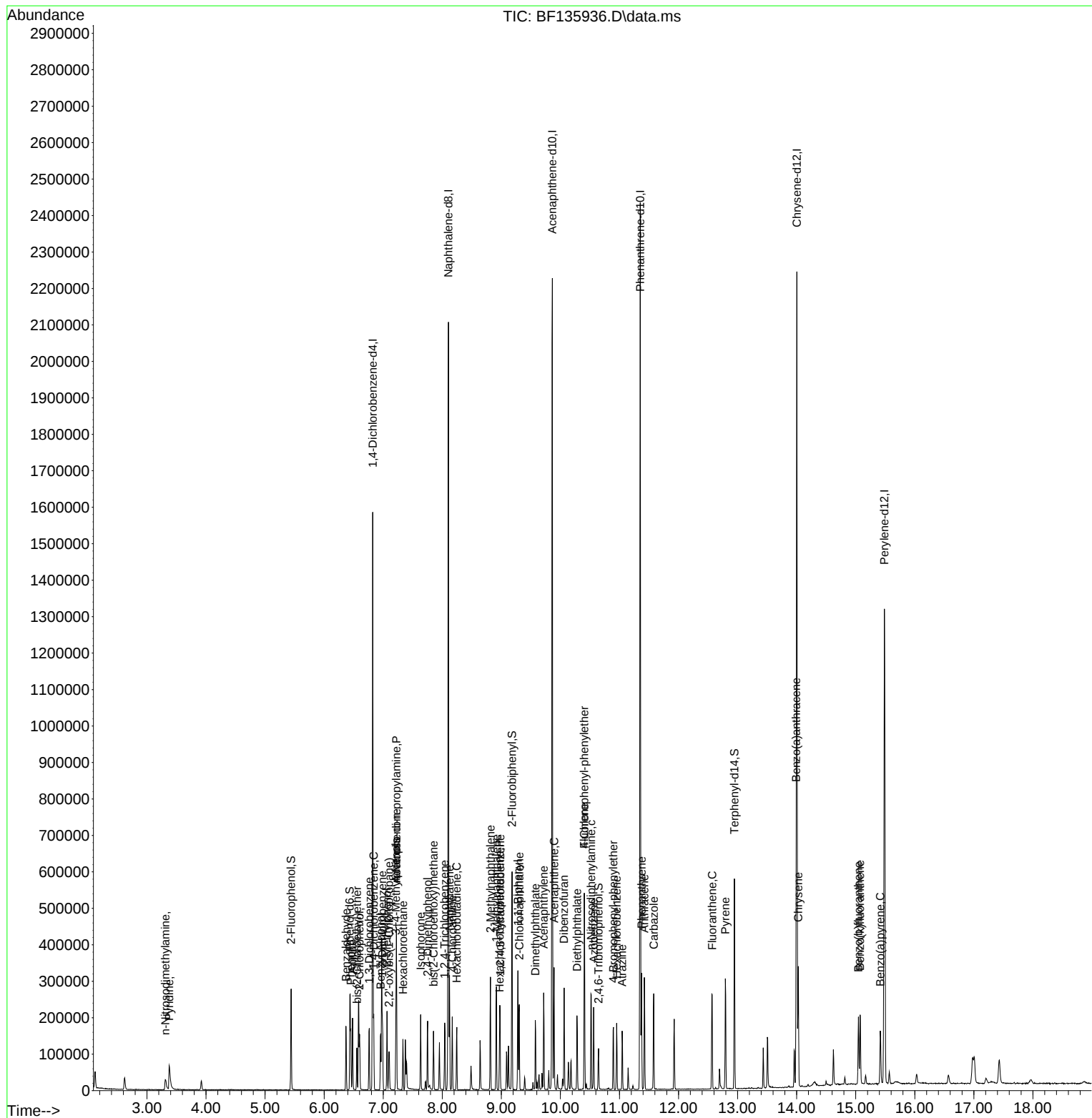
61) 4-Chlorophenyl-phenyle...	10.404	204	34202	2.328	ng	99
63) Azobenzene	10.563	77	68539	2.240	ng	97
66) n-Nitrosodiphenylamine	10.522	169	61434	2.346	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	20025	2.305	ng	89
68) Hexachlorobenzene	10.951	284	21938	2.529	ng	95
69) Atrazine	11.045	200	16046	2.524	ng	98
71) Phenanthrene	11.375	178	108863	2.746	ng	99
72) Anthracene	11.422	178	108980	2.620	ng	100
73) Carbazole	11.581	167	95418	2.301	ng	98
75) Fluoranthene	12.569	202	108878	2.347	ng	97
78) Pyrene	12.792	202	116296	2.046	ng	99
81) Benzo(a)anthracene	13.992	228	99216	2.315	ng	98
83) Chrysene	14.027	228	97352	2.359	ng	97
88) Benzo(b)fluoranthene	15.045	252	80154	2.369	ng	99
89) Benzo(k)fluoranthene	15.074	252	76993	2.327	ng	100
90) Benzo(a)pyrene	15.416	252	70123	2.271	ng	98

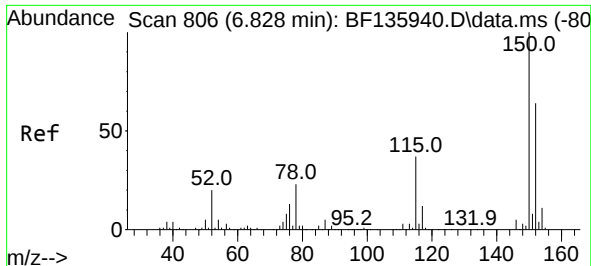
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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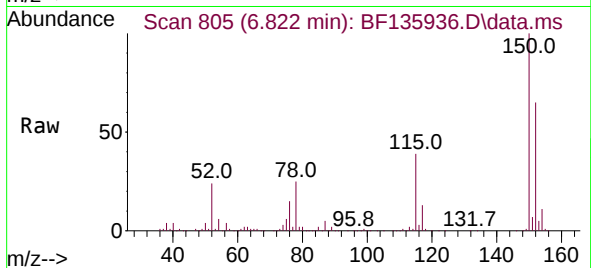
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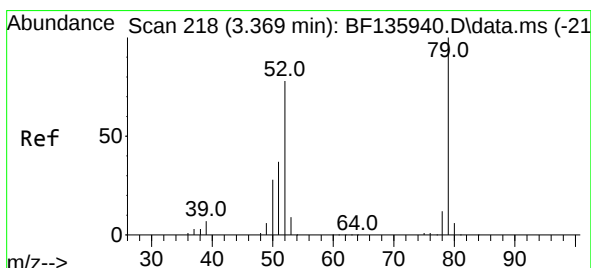
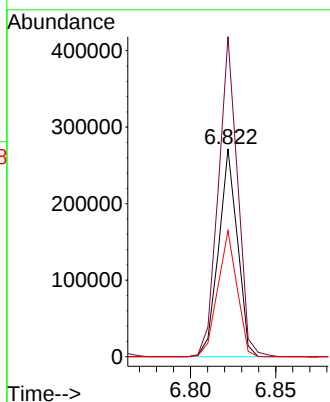
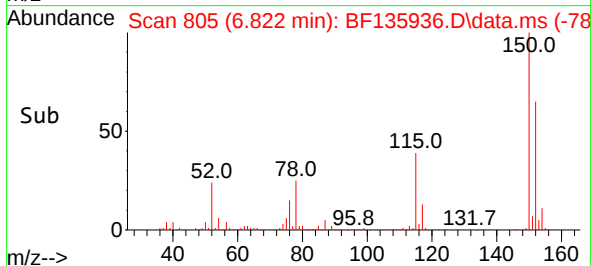


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135936.D
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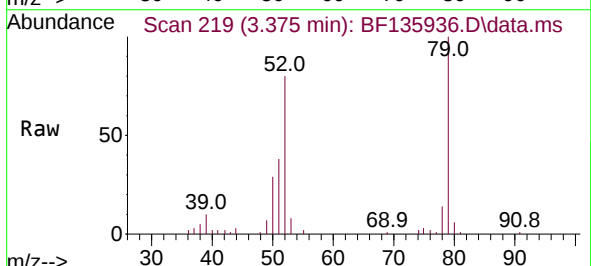
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BNA_F
ClientSampleId :



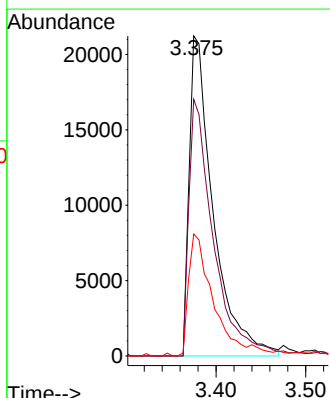
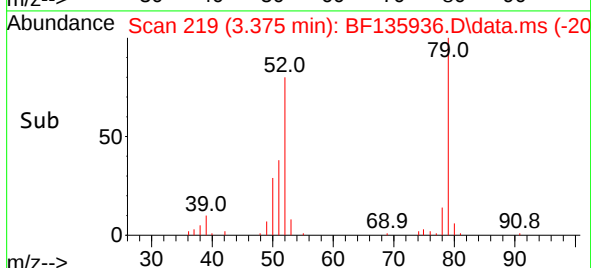
Tgt Ion:152 Resp: 209247
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 60.6 46.6 69.8

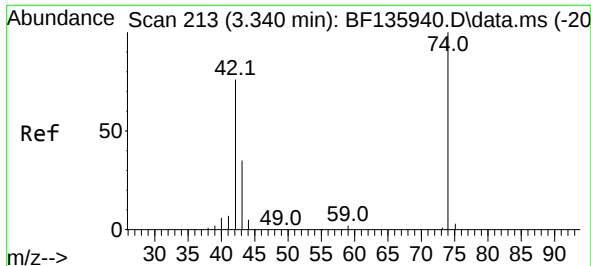


#3
Pyridine
Concen: 2.589 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35



Tgt Ion: 79 Resp: 39388
Ion Ratio Lower Upper
79 100
52 80.2 62.6 93.8
51 38.1 29.8 44.8

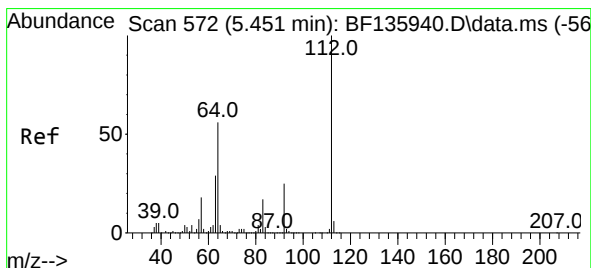
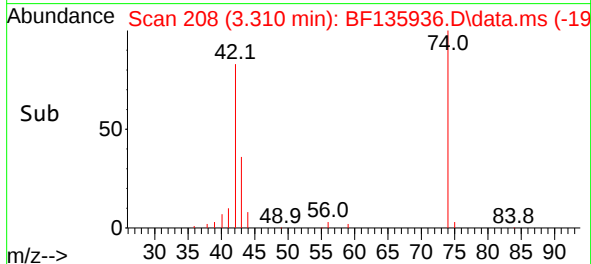
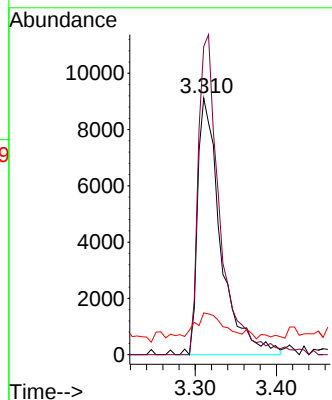
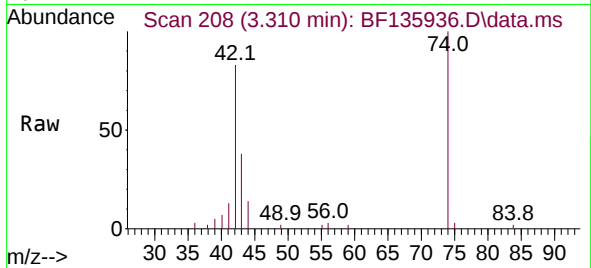




#4
n-Nitrosodimethylamine
Concen: 2.335 ng
RT: 3.310 min Scan# 208
Delta R.T. -0.029 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

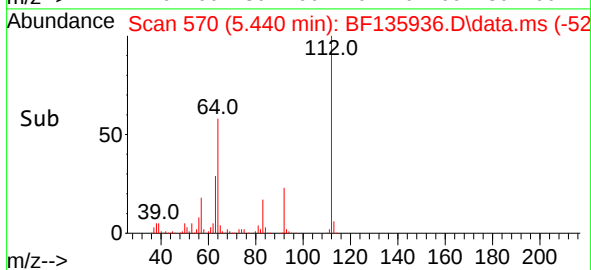
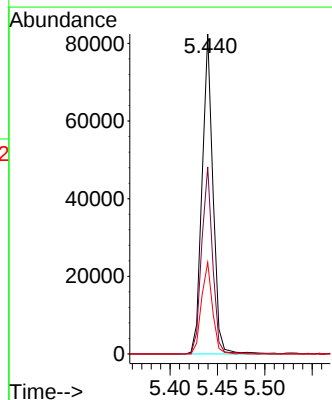
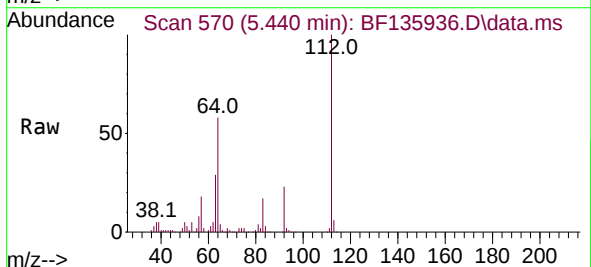
Instrument :
BNA_F
ClientSampleId :

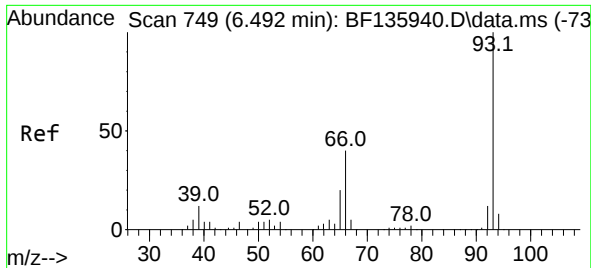
Tgt Ion: 42 Resp: 17955
Ion Ratio Lower Upper
42 100
74 120.1 104.8 157.2
44 16.3 5.9 8.9#



#5
2-Fluorophenol
Concen: 4.910 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.012 min
Lab File: BF135936.D
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Tgt Ion: 112 Resp: 65770
Ion Ratio Lower Upper
112 100
64 58.4 45.1 67.7
63 28.6 23.0 34.4

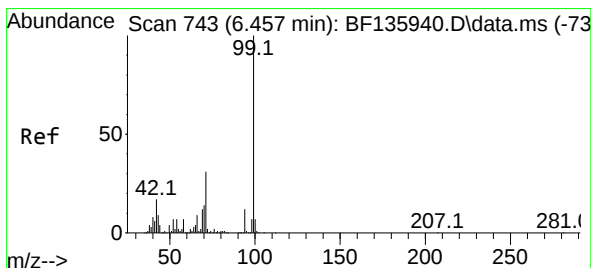
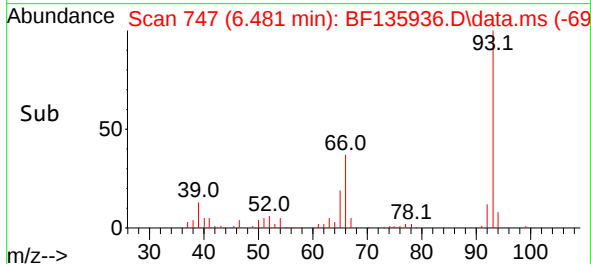
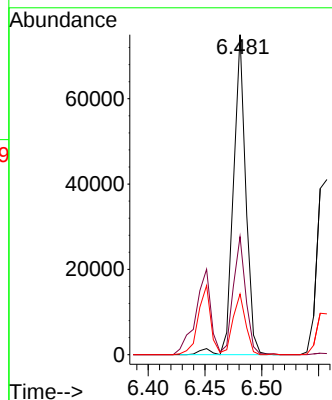
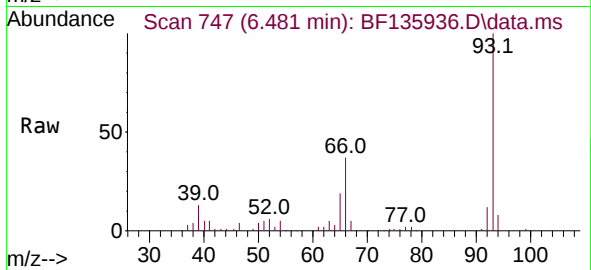




#6
Aniline
Concen: 2.690 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

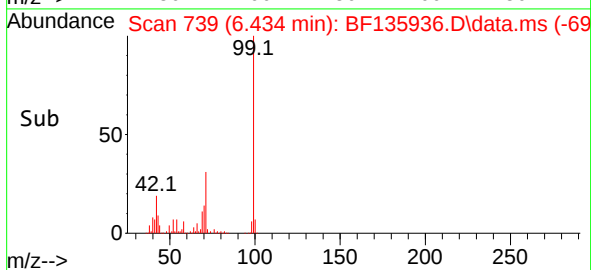
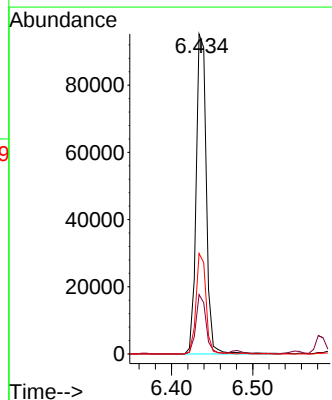
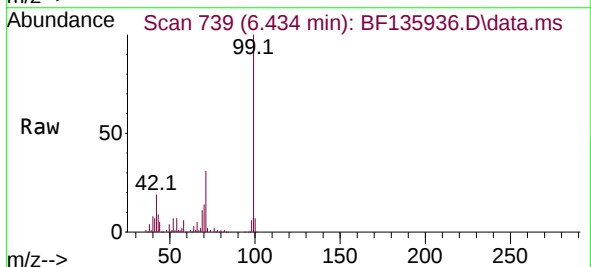
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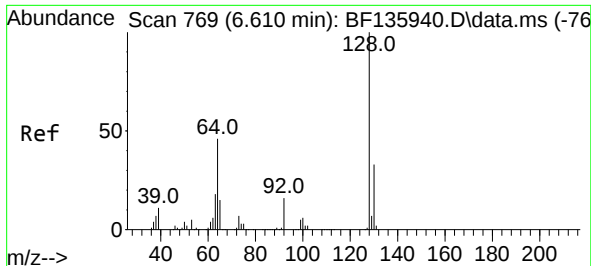
Tgt Ion: 93 Resp: 56675
Ion Ratio Lower Upper
93 100
66 36.9 32.0 48.0
65 19.0 16.2 24.4



#7
Phenol-d6
Concen: 5.034 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.023 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

Tgt Ion: 99 Resp: 83705
Ion Ratio Lower Upper
99 100
42 18.6 13.8 20.8
71 31.4 25.1 37.7

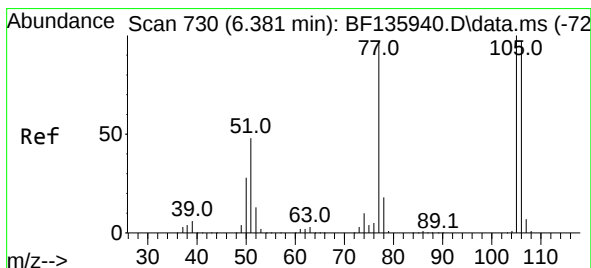
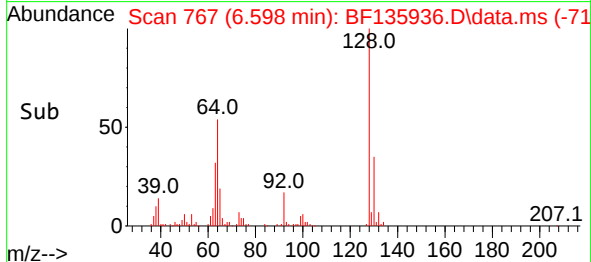
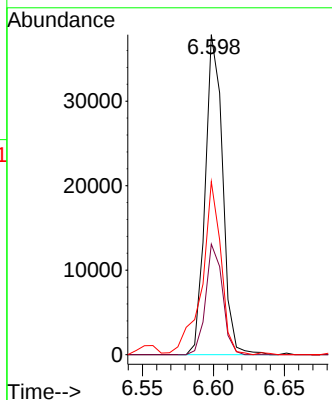
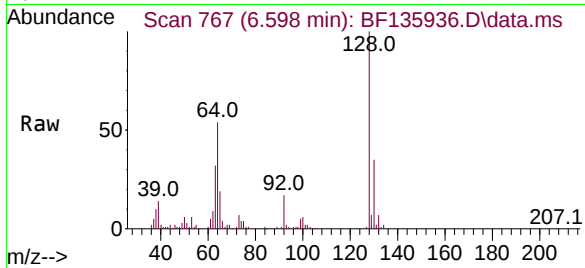




#8
2-Chlorophenol
Concen: 2.311 ng
RT: 6.598 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

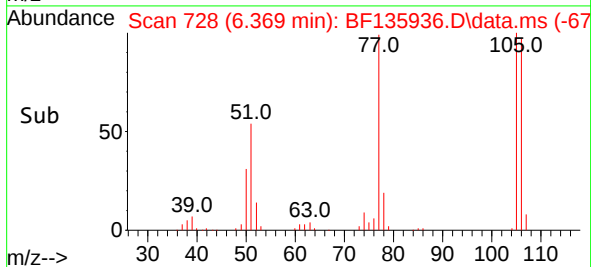
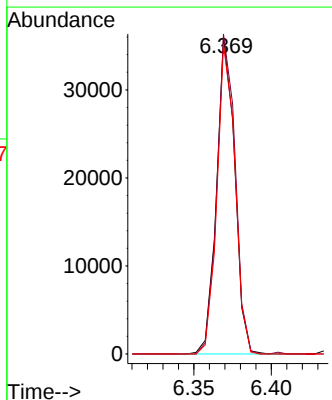
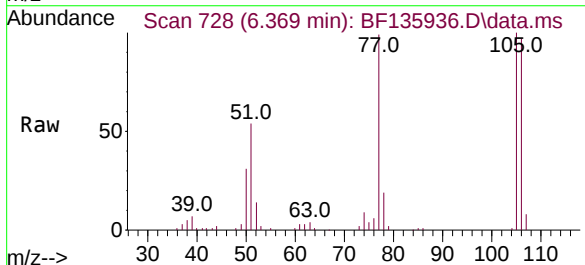
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ClientSampleId :

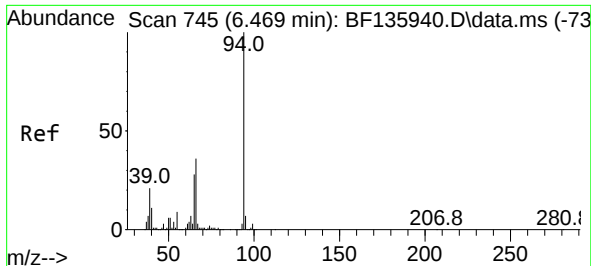
Tgt Ion:128 Resp: 32388
Ion Ratio Lower Upper
128 100
130 34.5 13.1 53.1
64 54.1 27.0 67.0



#9
Benzaldehyde
Concen: 3.215 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.012 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

Tgt Ion: 77 Resp: 29359
Ion Ratio Lower Upper
77 100
105 100.9 83.2 123.2
106 97.6 80.0 120.0

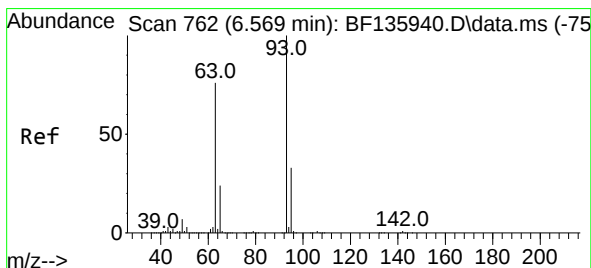
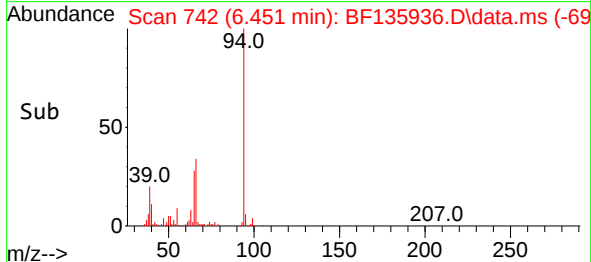
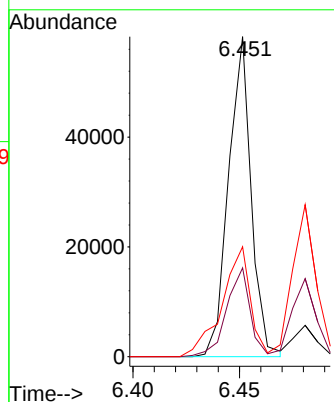
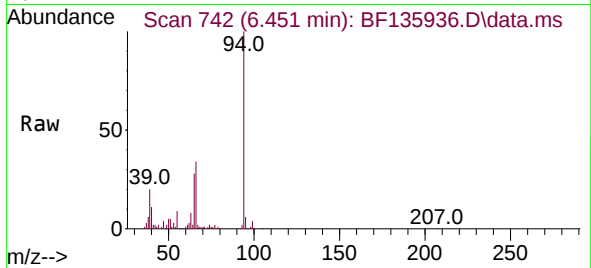




#10
Phenol
Concen: 2.447 ng
RT: 6.451 min Scan# 745
Delta R.T. -0.017 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

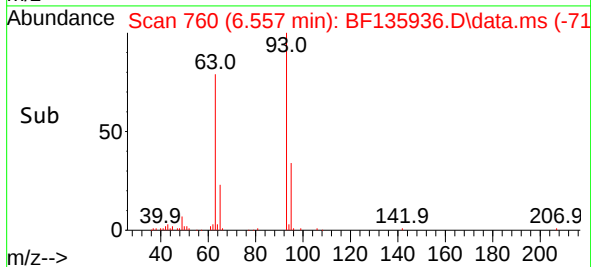
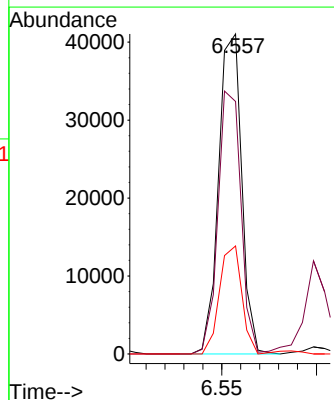
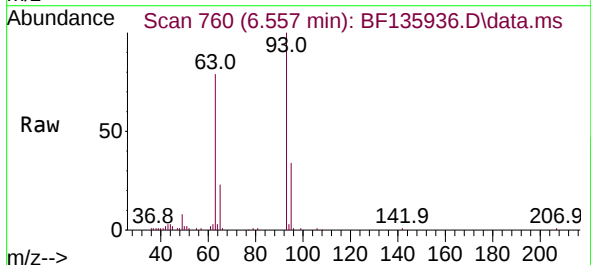
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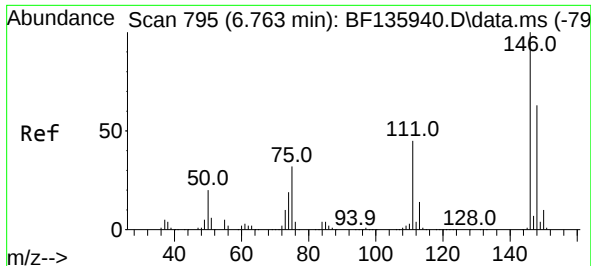
Tgt Ion: 94 Resp: 42925
Ion Ratio Lower Upper
94 100
65 27.8 7.8 47.8
66 34.3 16.5 56.5



#11
bis(2-Chloroethyl)ether
Concen: 2.662 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.012 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

Tgt Ion: 93 Resp: 34848
Ion Ratio Lower Upper
93 100
63 78.9 56.2 96.2
95 33.8 12.9 52.9

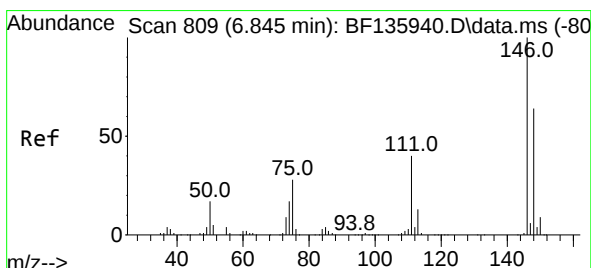
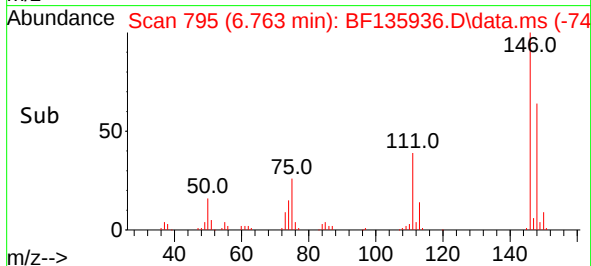
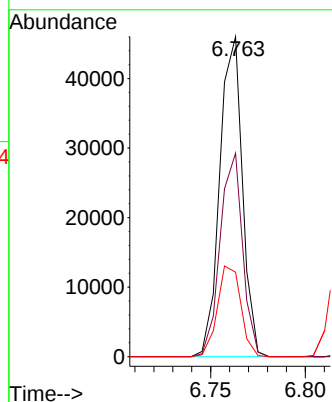
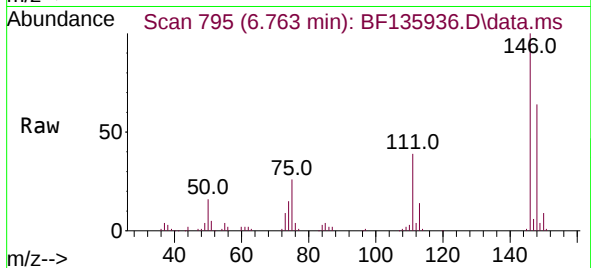




#12
1,3-Dichlorobenzene
Concen: 2.677 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

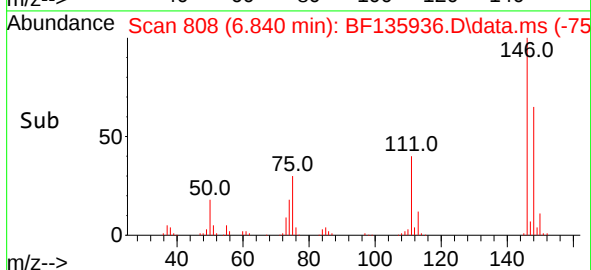
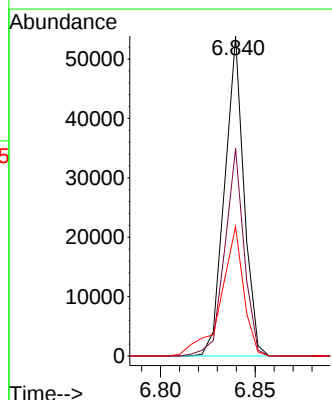
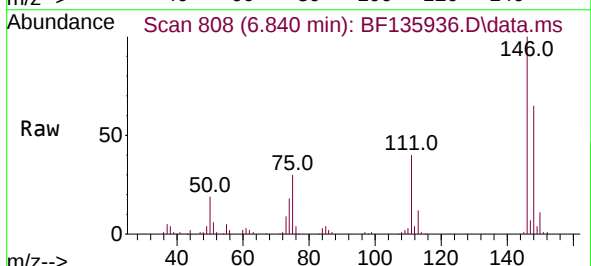
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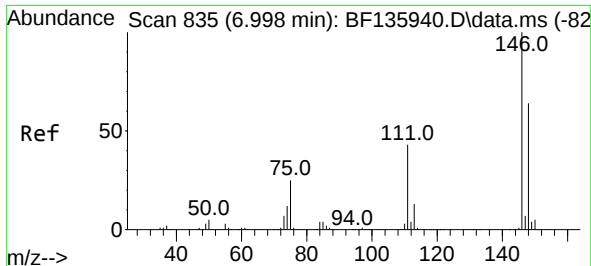
Tgt Ion:146 Resp: 38243
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.4
75 26.4 25.9 38.9



#13
1,4-Dichlorobenzene
Concen: 2.599 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

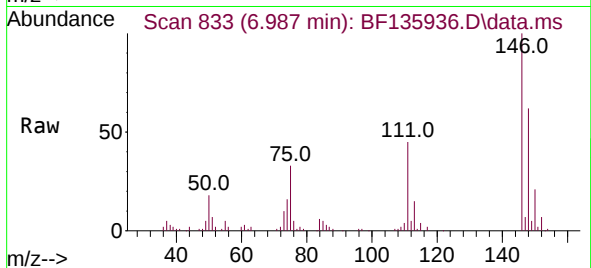
Tgt Ion:146 Resp: 38070
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
111 40.5 31.8 47.8



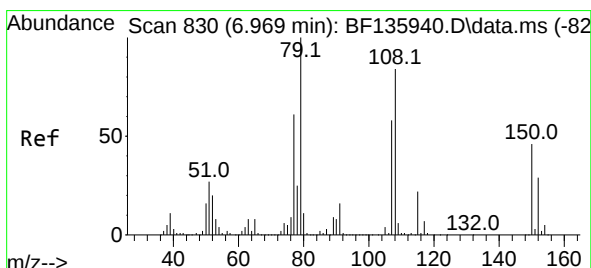
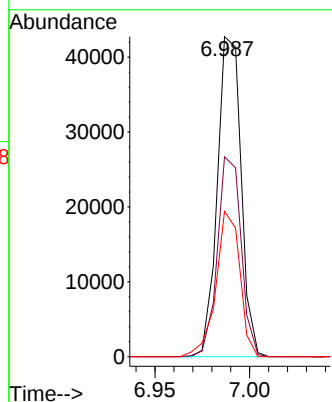
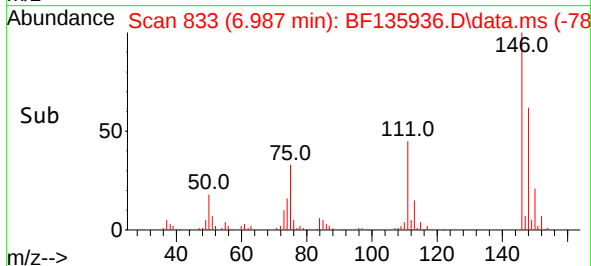


#14
1,2-Dichlorobenzene
Concen: 2.807 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

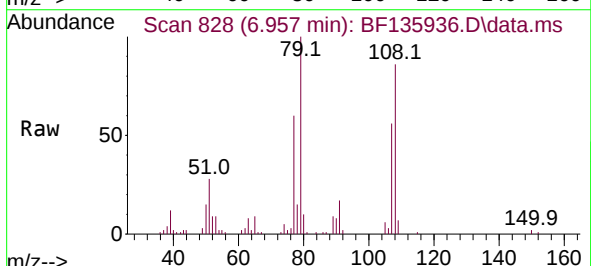
Instrument :
BNA_F
ClientSampleId :



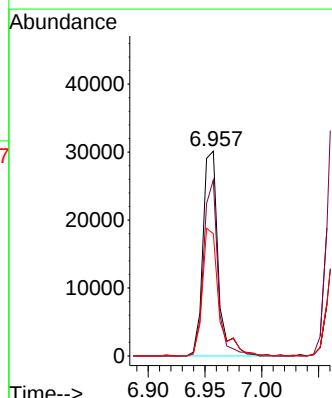
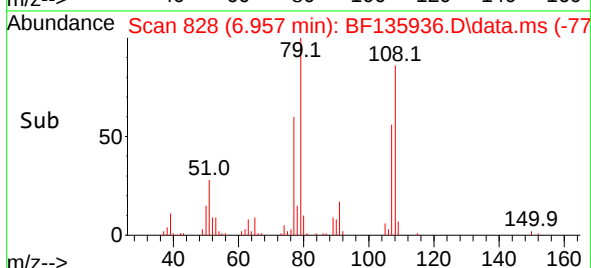
Tgt Ion:146 Resp: 37319
Ion Ratio Lower Upper
146 100
148 62.4 51.4 77.0
111 45.4 34.2 51.4

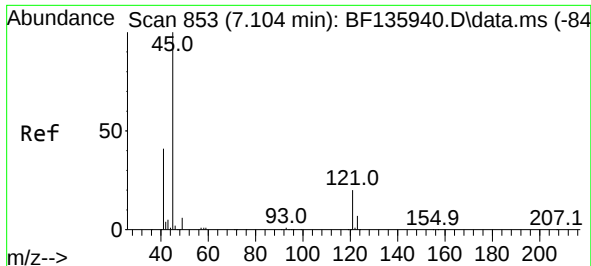


#15
Benzyl Alcohol
Concen: 2.457 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.012 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35



Tgt Ion: 79 Resp: 28146
Ion Ratio Lower Upper
79 100
108 85.9 67.2 100.8
77 59.7 49.0 73.6

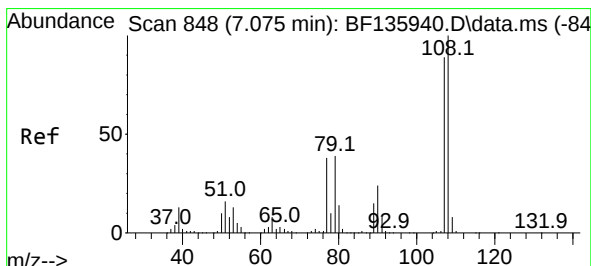
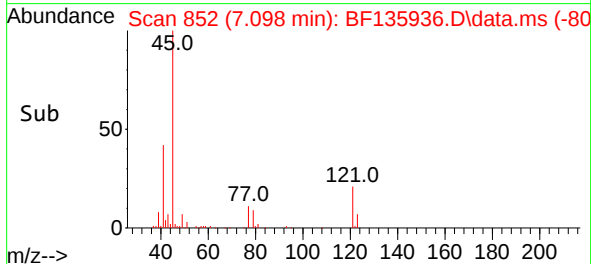
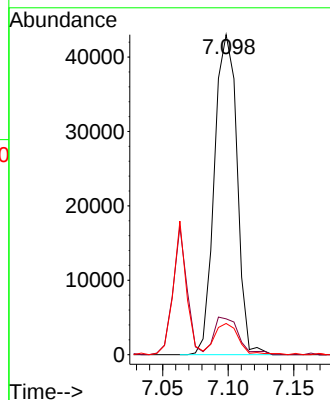
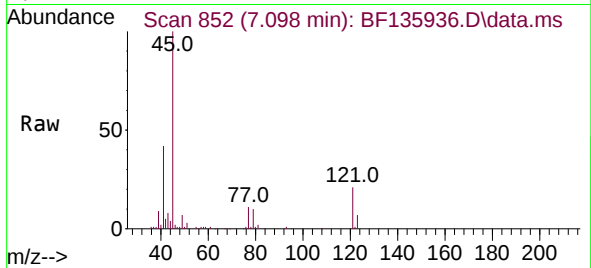




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.323 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

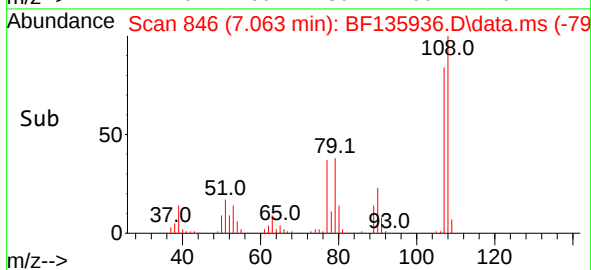
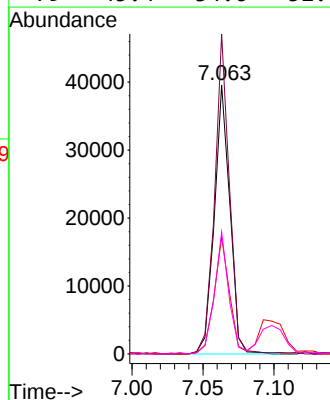
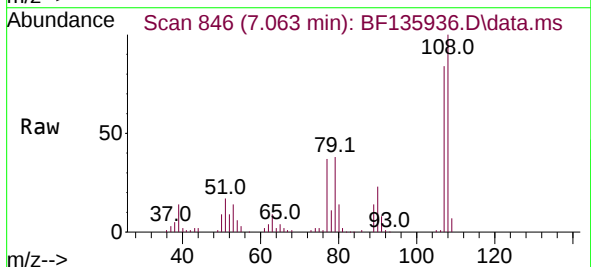
Instrument :
BNA_F
ClientSampleId :

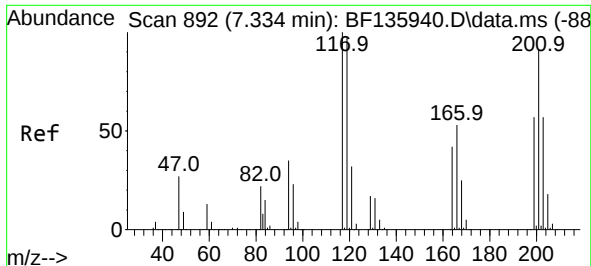
Tgt Ion: 45 Resp: 51581
Ion Ratio Lower Upper
45 100
77 11.2 0.0 33.2
79 9.7 0.0 29.8



#17
2-Methylphenol
Concen: 2.541 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

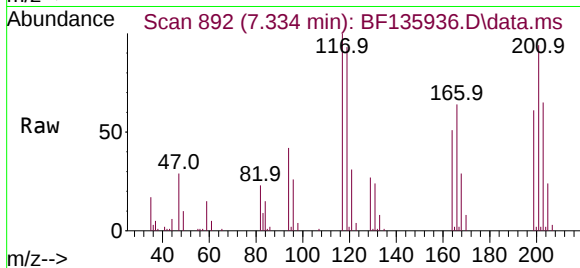
Tgt Ion: 107 Resp: 29941
Ion Ratio Lower Upper
107 100
108 119.0 89.8 134.6
77 43.5 34.2 51.2
79 45.4 34.6 52.0



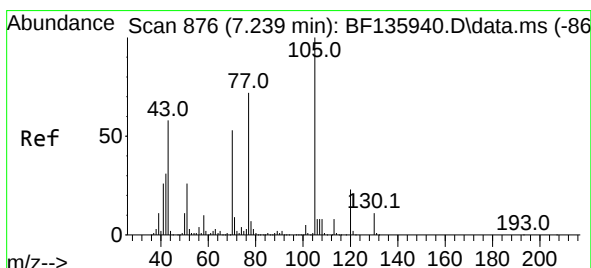
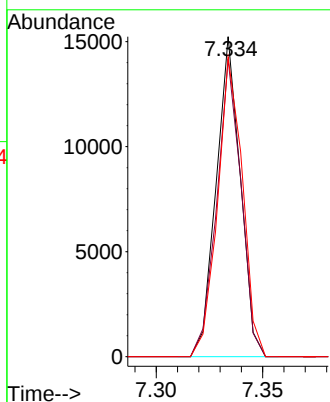
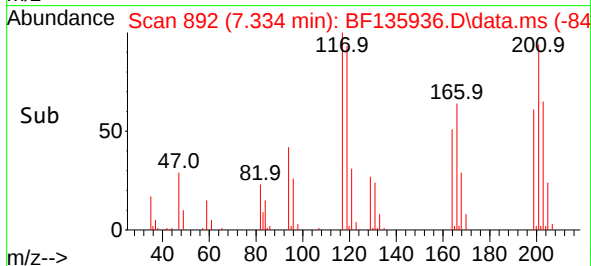


#18
Hexachloroethane
Concen: 2.198 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

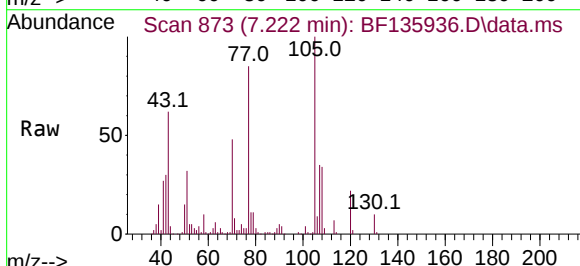
Instrument :
BNA_F
ClientSampleId :



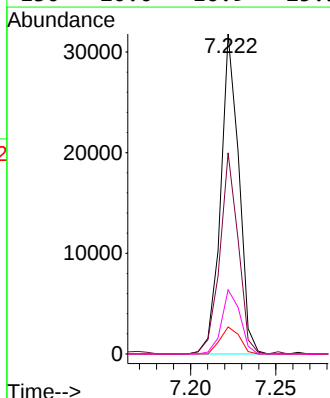
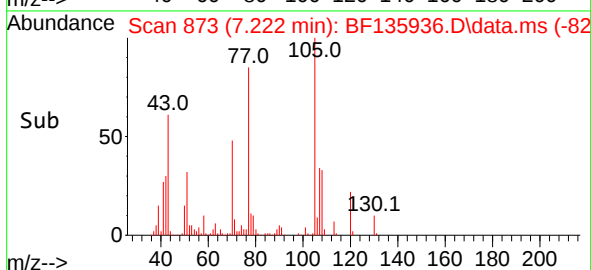
Tgt Ion:117 Resp: 11965
Ion Ratio Lower Upper
117 100
119 93.0 77.3 115.9
201 93.6 72.8 109.2

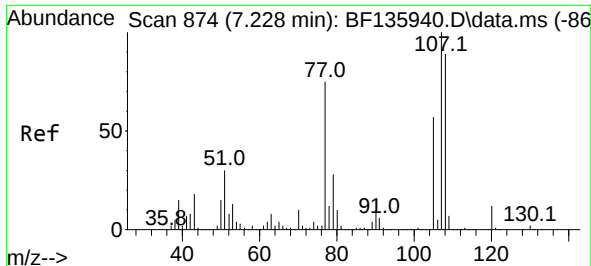


#19
n-Nitroso-di-n-propylamine
Concen: 2.384 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.017 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35



Tgt Ion: 70 Resp: 23575
Ion Ratio Lower Upper
70 100
42 62.9 47.3 70.9
101 8.4 7.8 11.8
130 20.0 16.9 25.3





#20

3+4-Methylphenols

Concen: 2.424 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.012 min

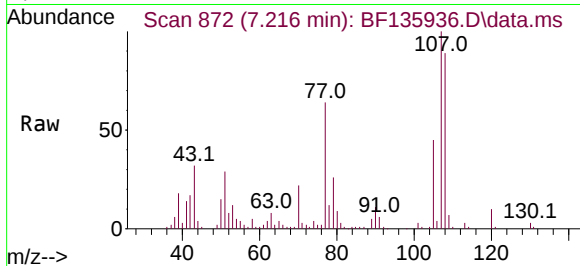
Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:107 Resp: 38010

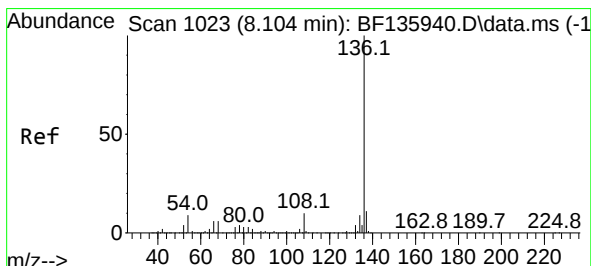
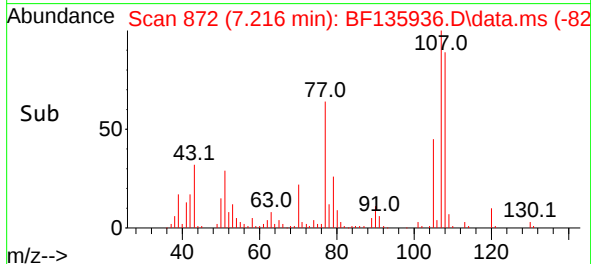
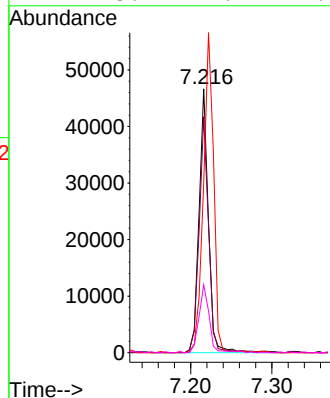
Ion Ratio Lower Upper

107 100

108 89.4 69.1 109.1

77 64.3 55.0 95.0

79 25.7 7.7 47.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Tgt Ion:136 Resp: 861081

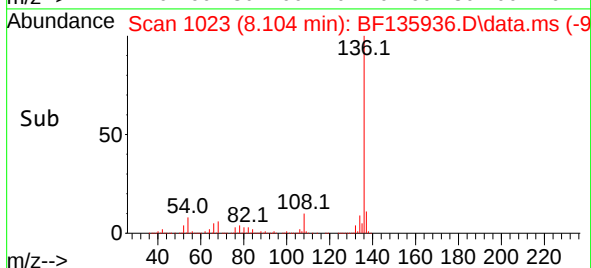
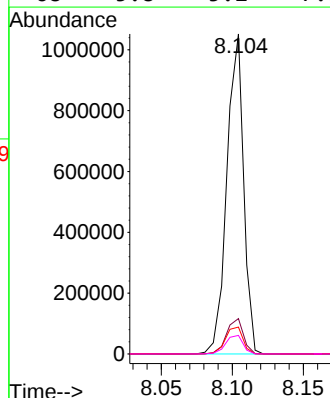
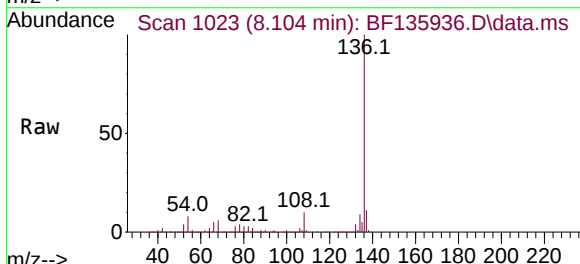
Ion Ratio Lower Upper

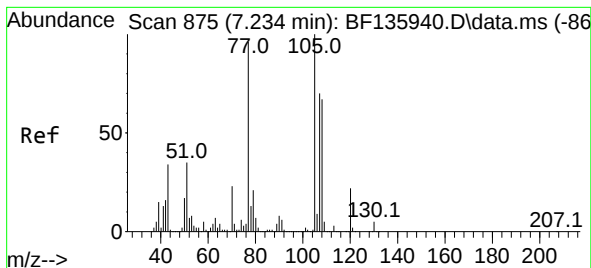
136 100

137 11.0 9.0 13.6

54 8.4 7.1 10.7

68 5.8 5.2 7.8





#22

Acetophenone

Concen: 2.774 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.012 min

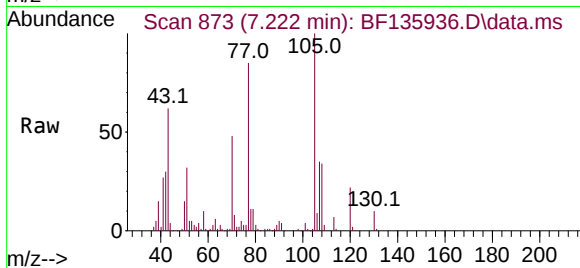
Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:105 Resp: 52428

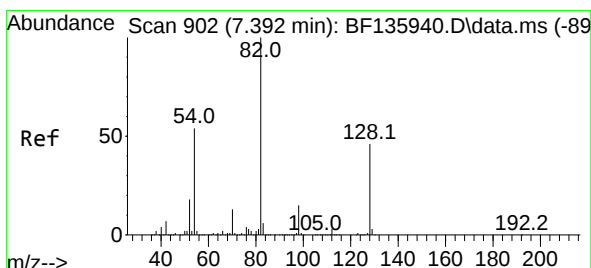
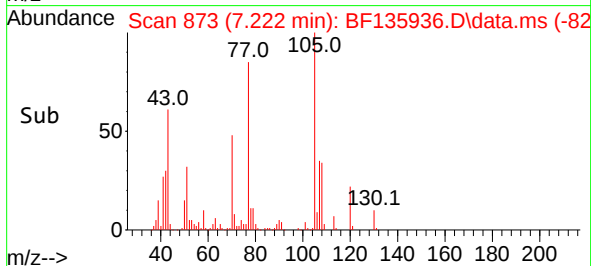
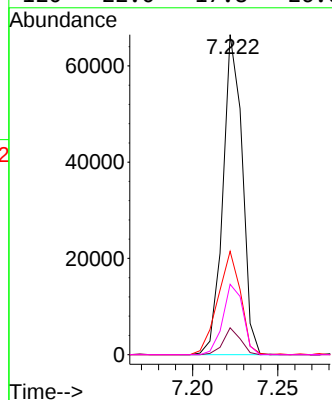
Ion Ratio Lower Upper

105 100

71 8.4 3.4 5.2#

51 32.3 28.4 42.6

120 22.0 17.8 26.6



#23

Nitrobenzene-d5

Concen: 1.918 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.017 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

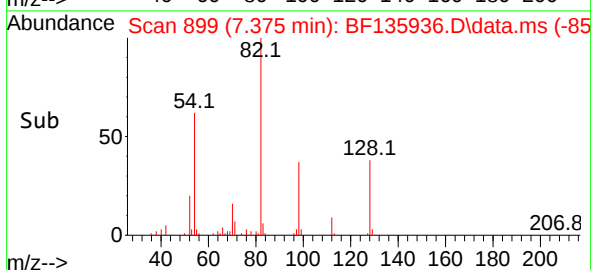
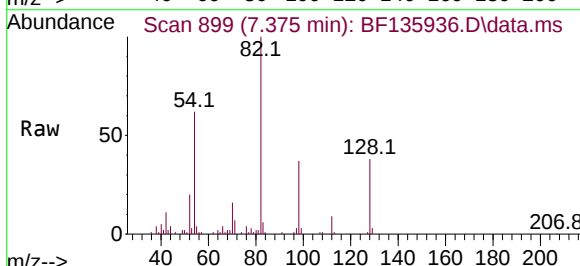
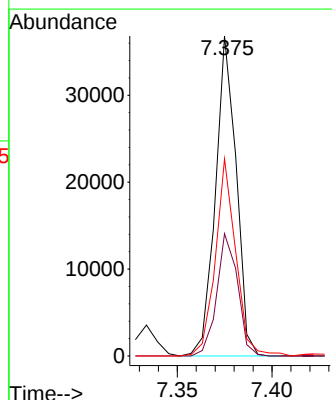
Tgt Ion: 82 Resp: 28109

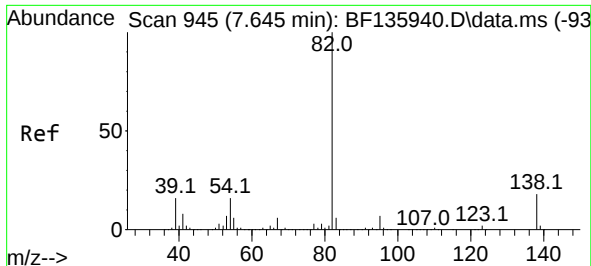
Ion Ratio Lower Upper

82 100

128 38.2 36.8 55.2

54 61.6 43.4 65.0

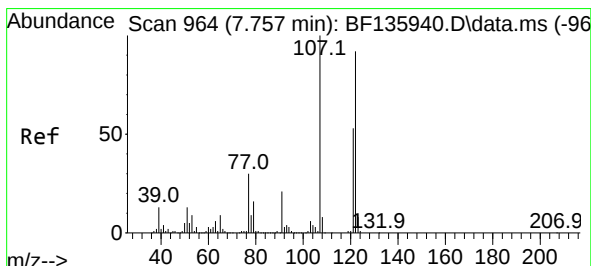
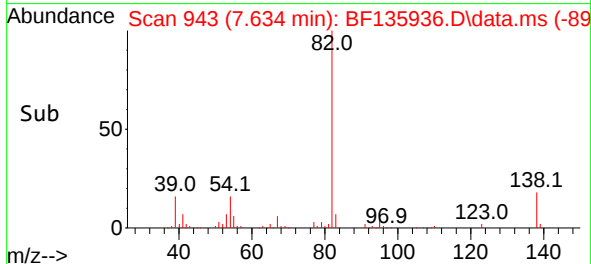
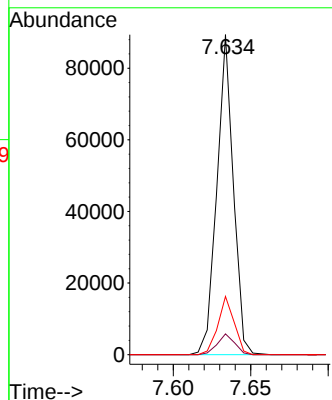
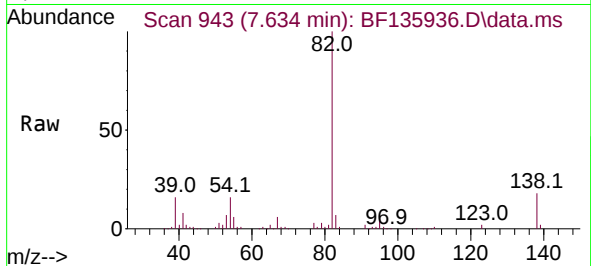




#25
Isophorone
Concen: 2.398 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.012 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

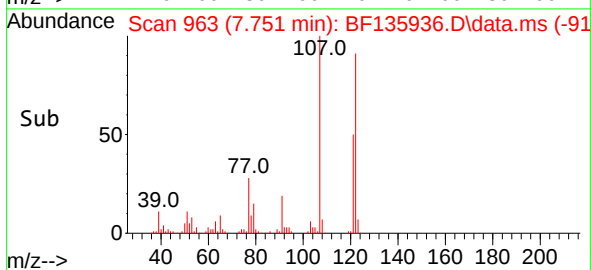
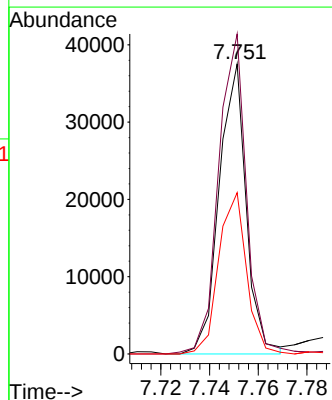
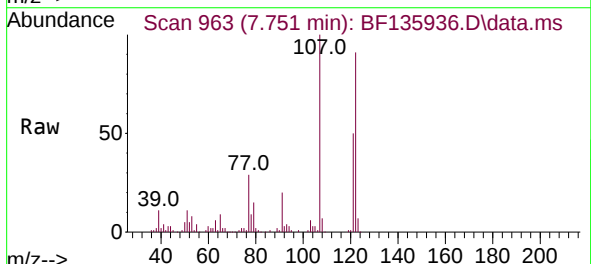
Instrument :
BNA_F
ClientSampleId :

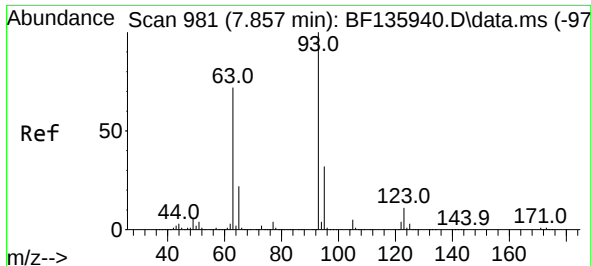
Tgt Ion: 82 Resp: 65984
Ion Ratio Lower Upper
82 100
95 6.5 5.6 8.4
138 18.2 14.8 22.2



#27
2,4-Dimethylphenol
Concen: 2.334 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

Tgt Ion:122 Resp: 28929
Ion Ratio Lower Upper
122 100
107 110.3 87.1 130.7
121 55.6 45.9 68.9

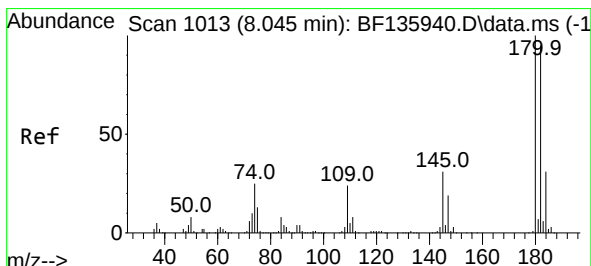
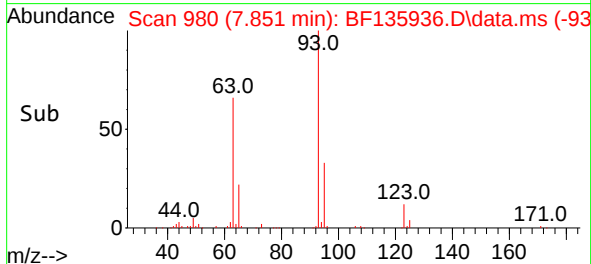
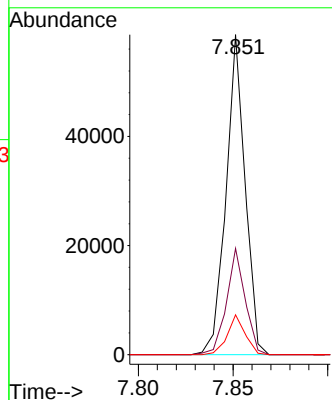
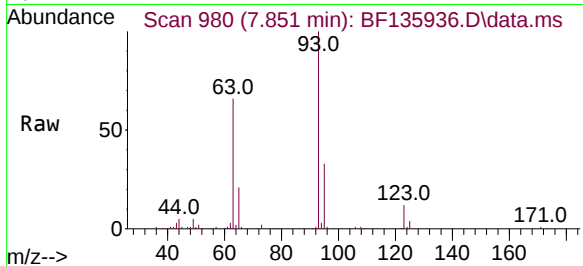




#28
bis(2-Chloroethoxy)methane
Concen: 2.495 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

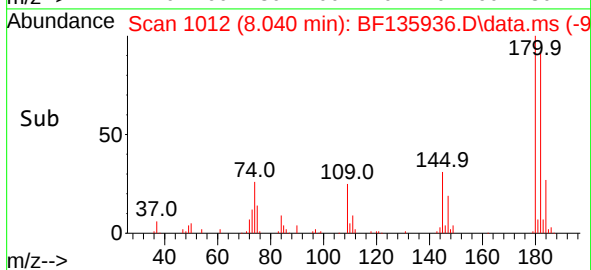
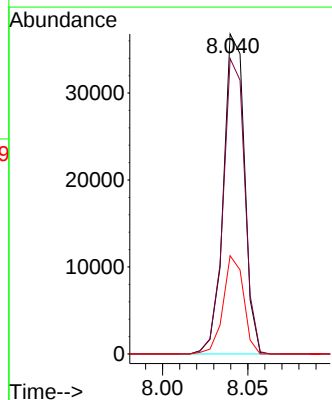
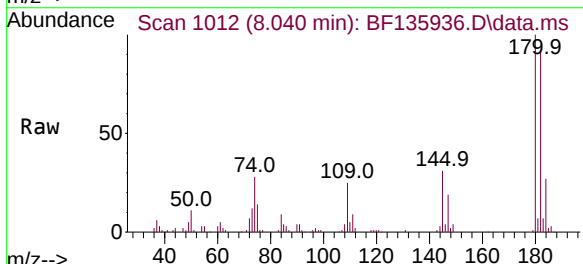
Instrument :
BNA_F
ClientSampleId :

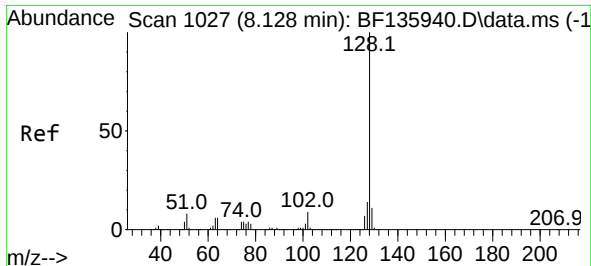
Tgt Ion: 93 Resp: 41110
Ion Ratio Lower Upper
93 100
95 33.2 25.9 38.9
123 12.4 9.0 13.6



#30
1,2,4-Trichlorobenzene
Concen: 2.528 ng
RT: 8.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

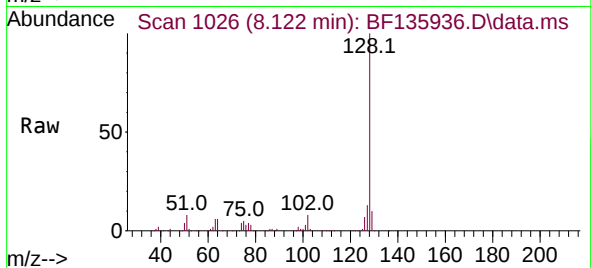
Tgt Ion:180 Resp: 31654
Ion Ratio Lower Upper
180 100
182 92.3 76.0 114.0
145 30.7 24.6 36.8



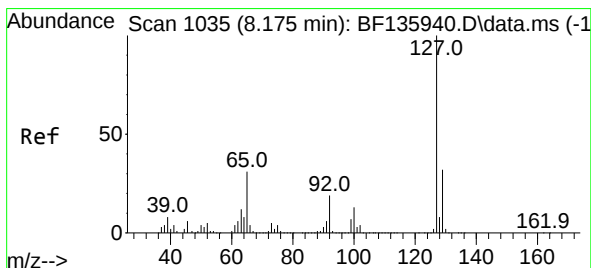
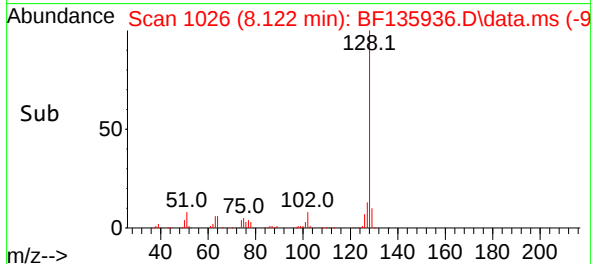
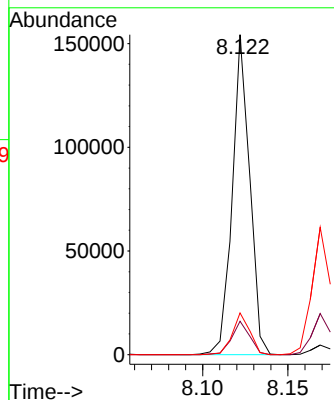


#31
Naphthalene
Concen: 2.584 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

Instrument :
BNA_F
ClientSampleId :

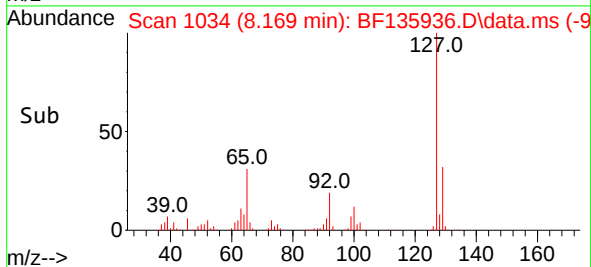
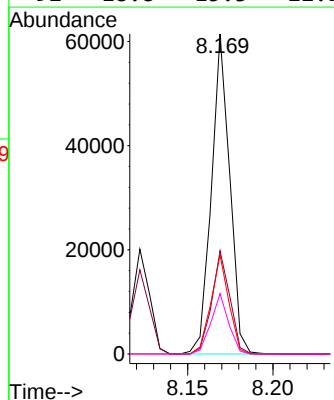
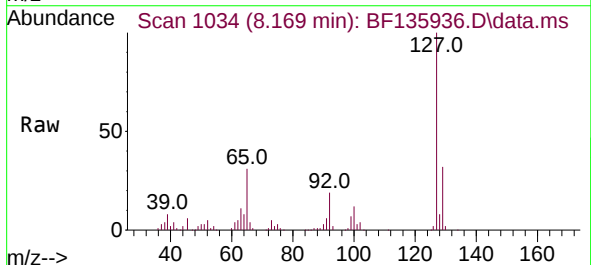


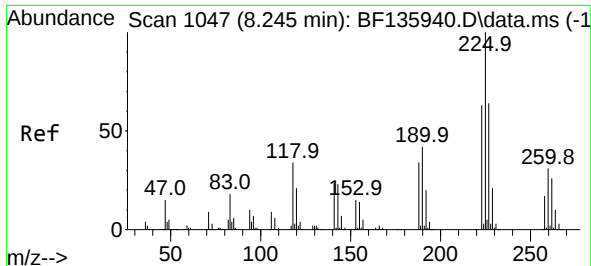
Tgt Ion:128 Resp: 109537
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.0 10.9 16.3



#33
4-Chloroaniline
Concen: 2.687 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

Tgt Ion:127 Resp: 45962
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 30.9 24.8 37.2
92 18.8 15.3 22.9

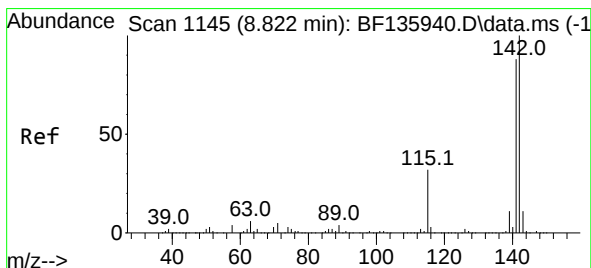
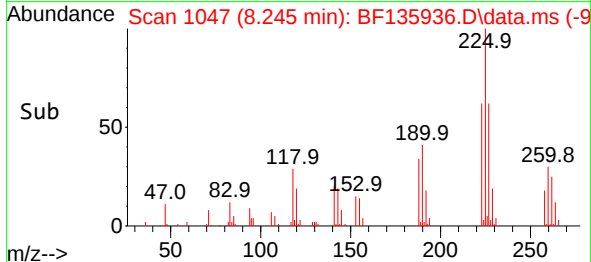
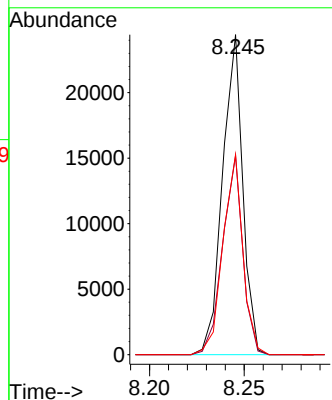
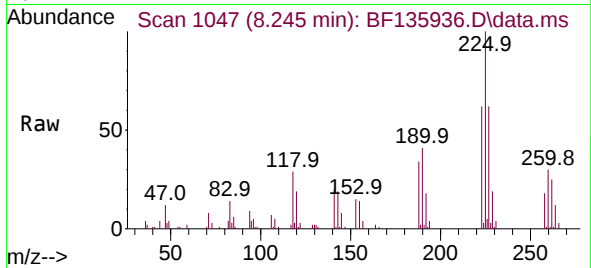




#34
Hexachlorobutadiene
Concen: 2.599 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

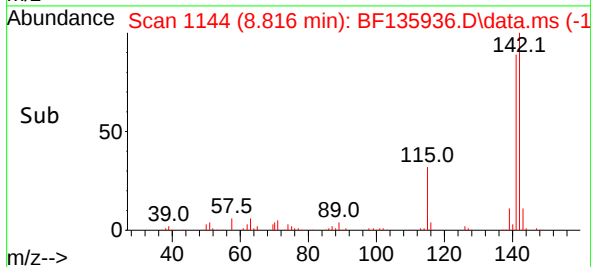
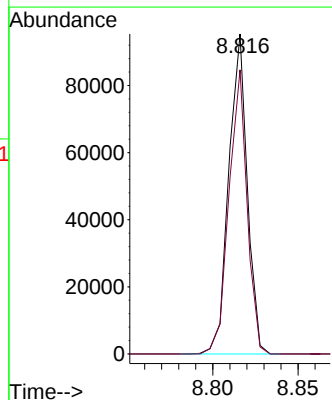
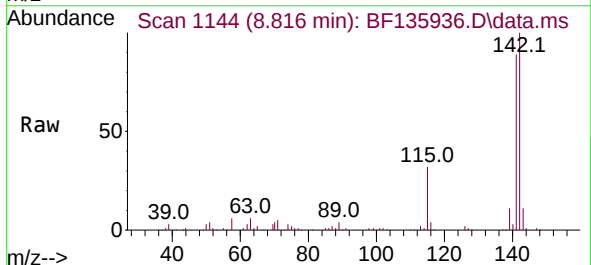
Instrument :
BNA_F
ClientSampleId :

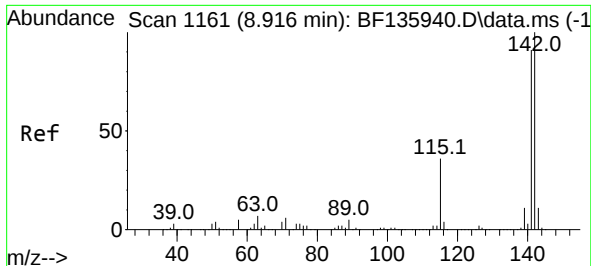
Tgt Ion:225 Resp: 18129
Ion Ratio Lower Upper
225 100
223 62.2 50.6 75.8
227 62.5 50.9 76.3



#37
2-Methylnaphthalene
Concen: 2.587 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

Tgt Ion:142 Resp: 71944
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6





#38

1-Methylnaphthalene

Concen: 2.538 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Instrument :

BNA_F

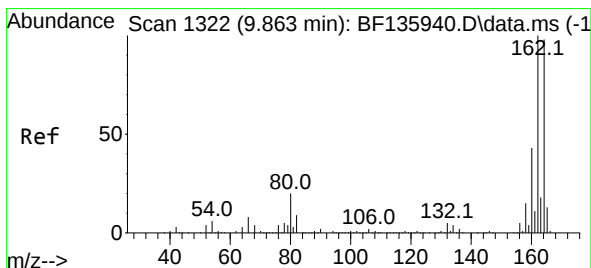
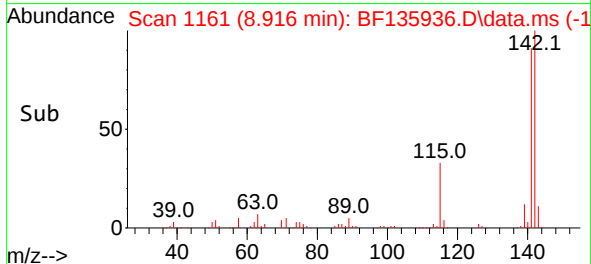
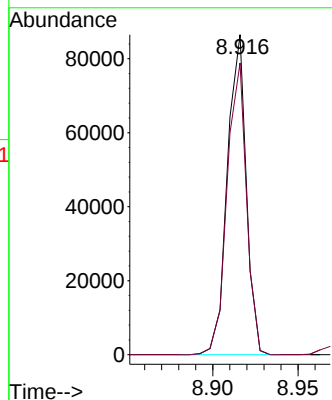
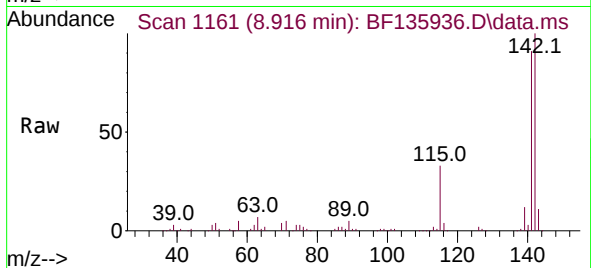
ClientSampleId :

Tgt Ion:142 Resp: 66517

Ion Ratio Lower Upper

142 100

141 91.2 73.1 109.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

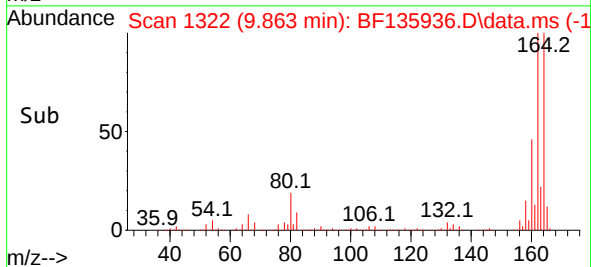
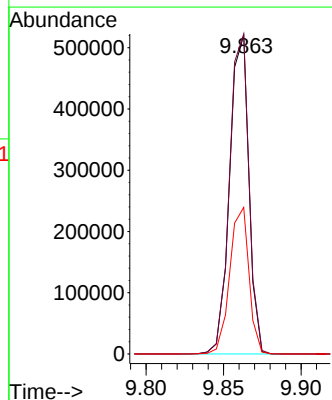
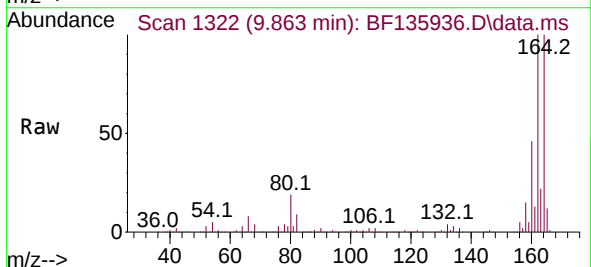
Tgt Ion:164 Resp: 448106

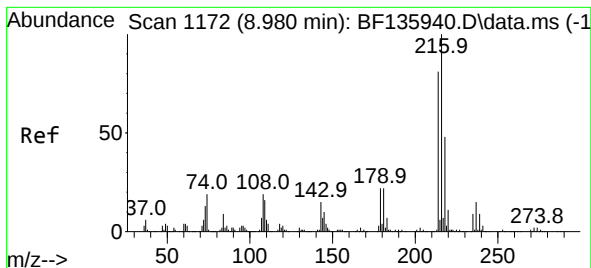
Ion Ratio Lower Upper

164 100

162 100.4 82.0 123.0

160 46.0 35.6 53.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.223 ng

RT: 8.981 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:216 Resp: 31282

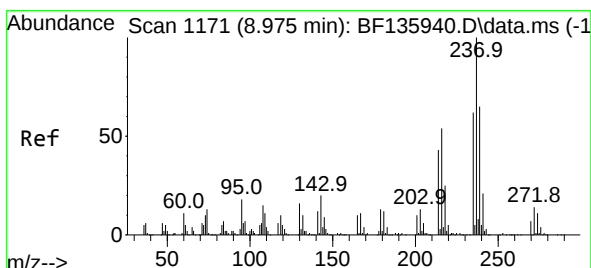
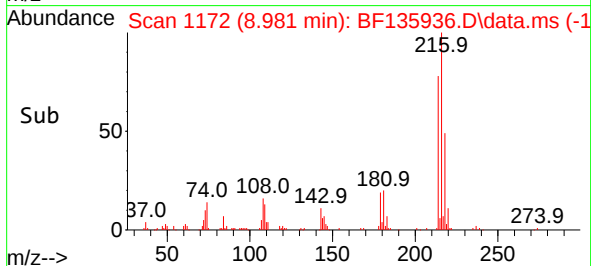
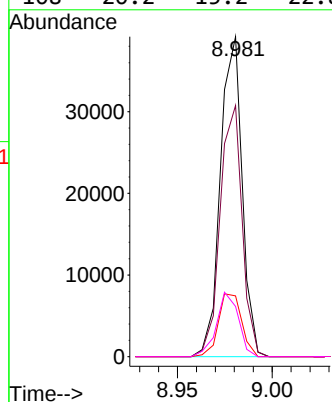
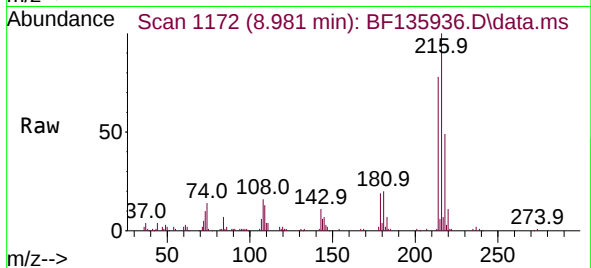
Ion Ratio Lower Upper

216 100

214 79.3 63.3 94.9

179 21.1 17.3 25.9

108 20.2 15.2 22.8



#41

Hexachlorocyclopentadiene

Concen: 5.355 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

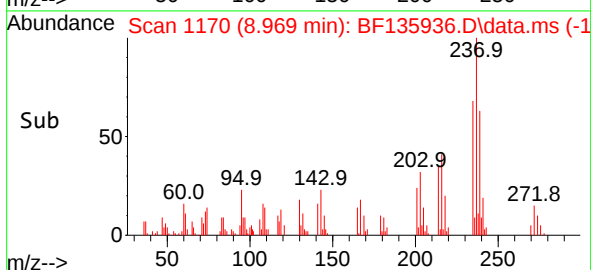
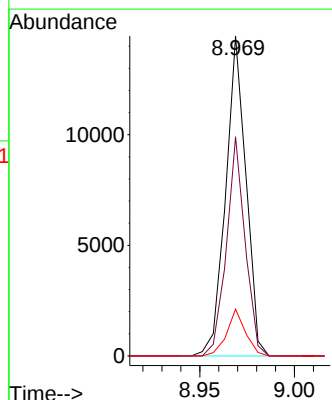
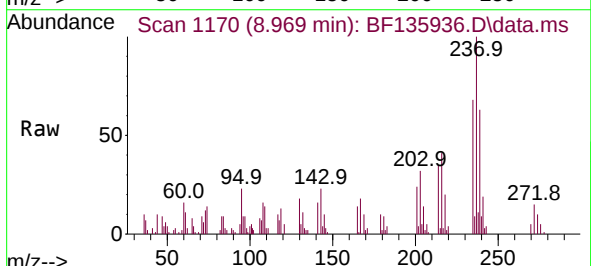
Tgt Ion:237 Resp: 10788

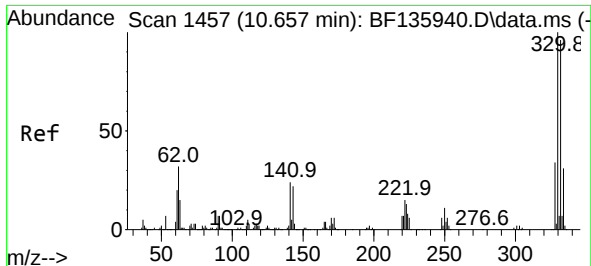
Ion Ratio Lower Upper

237 100

235 68.5 41.7 81.7

272 14.7 0.0 33.6





#42

2,4,6-Tribromophenol

Concen: 2.462 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.012 min

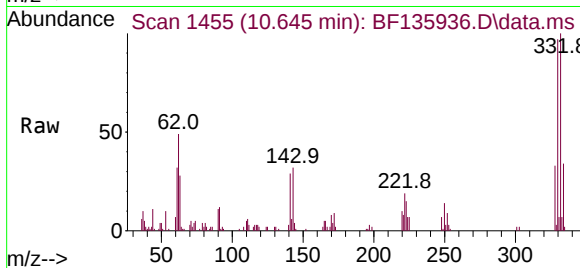
Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :



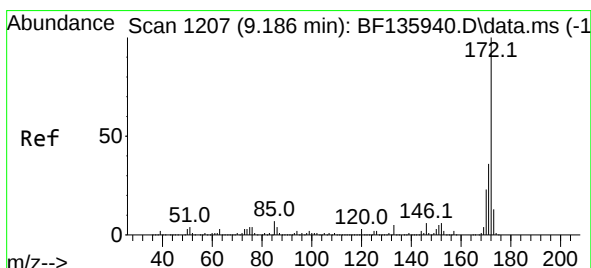
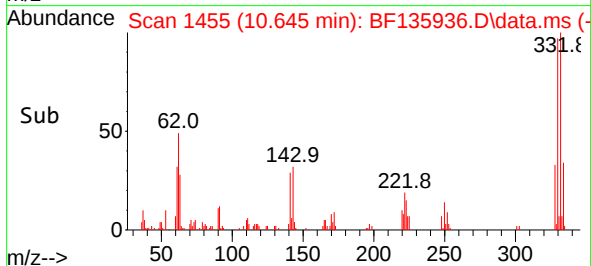
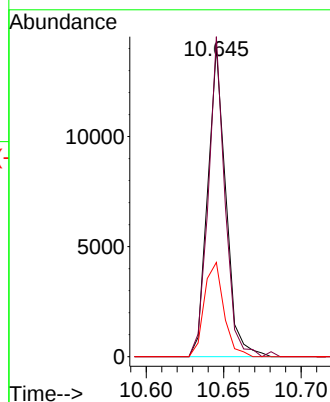
Tgt Ion:330 Resp: 11438

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.2

141 33.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 4.923 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

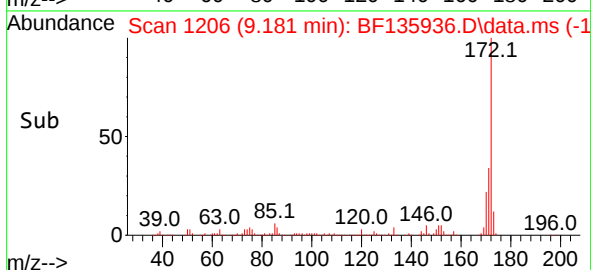
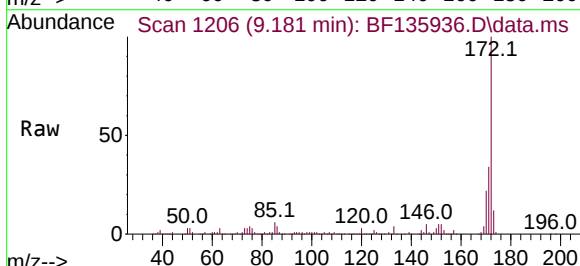
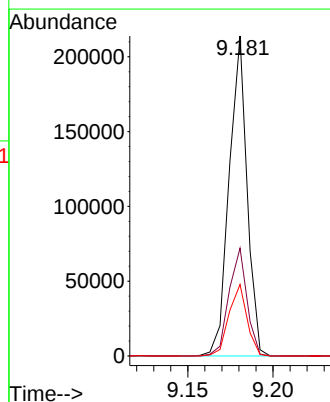
Tgt Ion:172 Resp: 155915

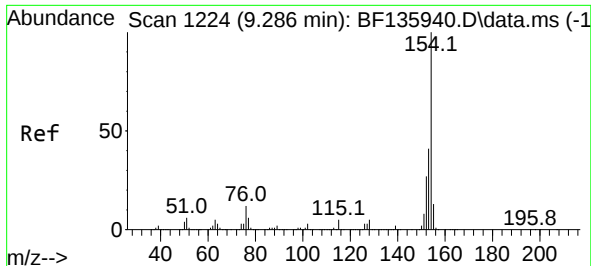
Ion Ratio Lower Upper

172 100

171 33.7 28.6 43.0

170 22.4 18.6 28.0

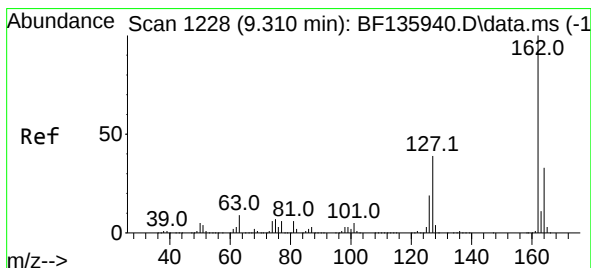
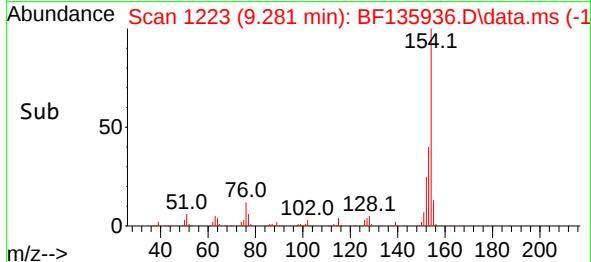
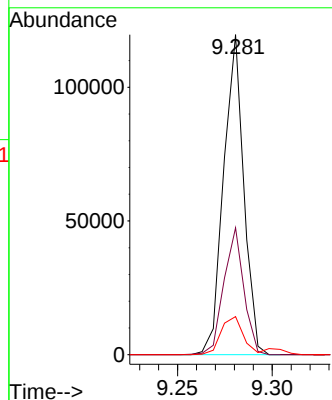
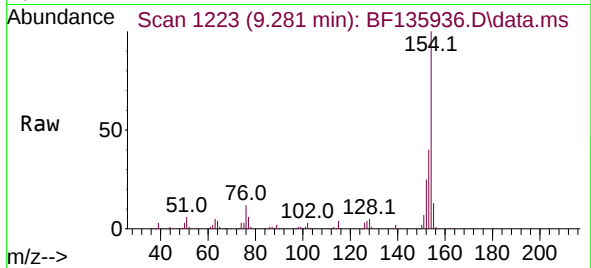




#46
1,1'-Biphenyl
Concen: 2.465 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

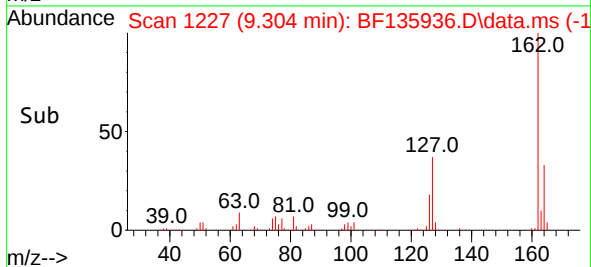
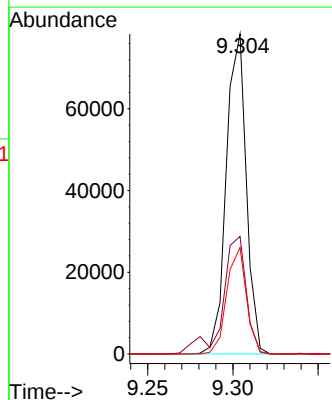
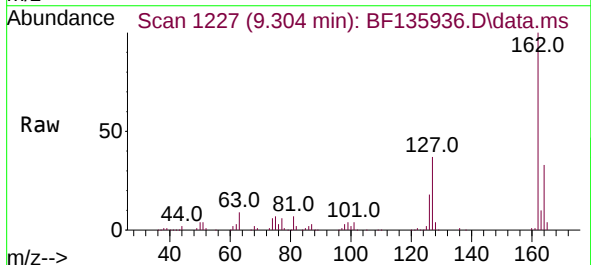
Instrument :
BNA_F
ClientSampleId :

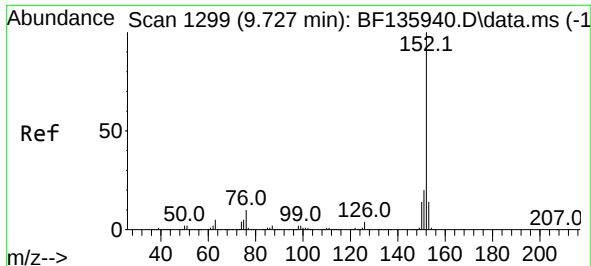
Tgt Ion:154 Resp: 88477
Ion Ratio Lower Upper
154 100
153 39.7 20.7 60.7
76 11.9 0.0 32.4



#47
2-Chloronaphthalene
Concen: 2.457 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

Tgt Ion:162 Resp: 63889
Ion Ratio Lower Upper
162 100
127 36.8 31.0 46.4
164 33.3 26.6 39.8





#49

Acenaphthylene

Concen: 2.255 ng

RT: 9.716 min Scan# 11

Delta R.T. -0.012 min

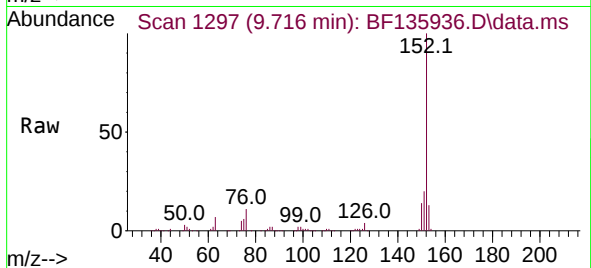
Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :



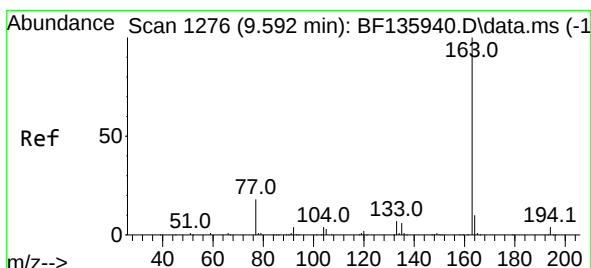
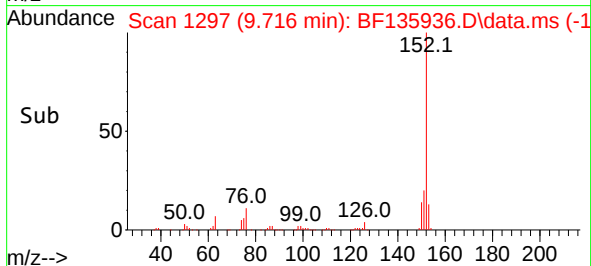
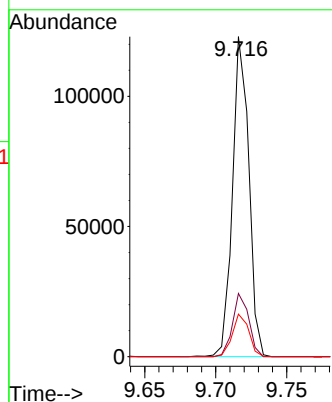
Tgt Ion:152 Resp: 98151

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

153 13.3 11.0 16.6



#50

Dimethylphthalate

Concen: 2.322 ng

RT: 9.575 min Scan# 1273

Delta R.T. -0.017 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

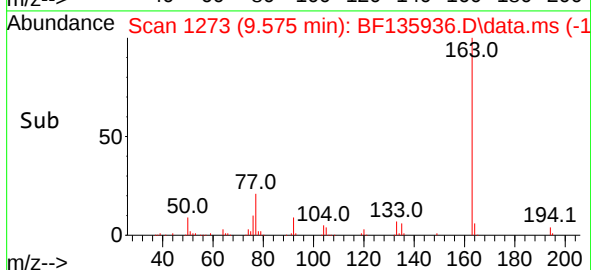
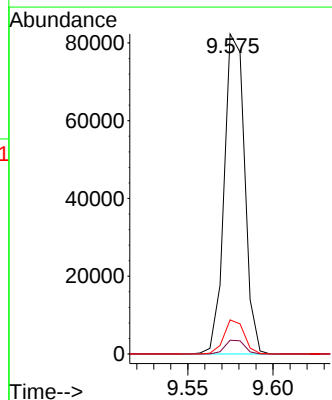
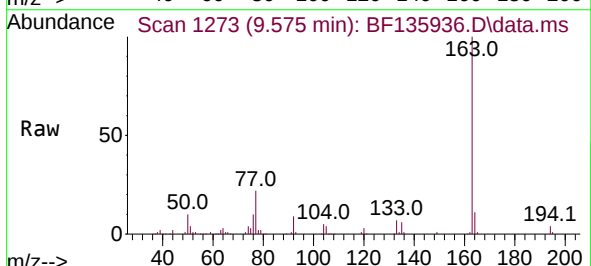
Tgt Ion:163 Resp: 68508

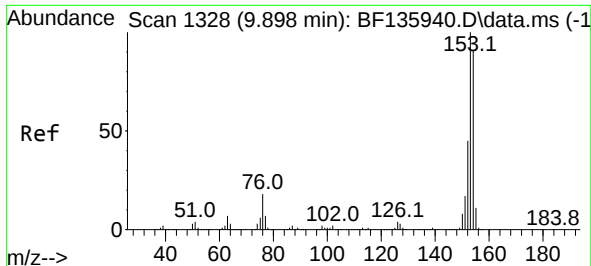
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.6 8.3 12.5

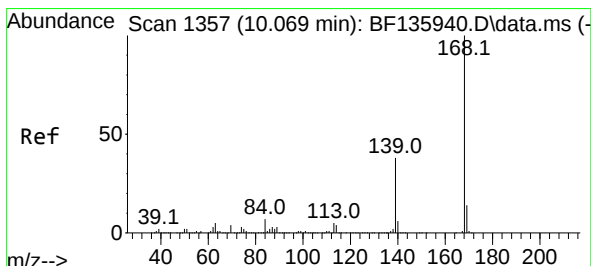
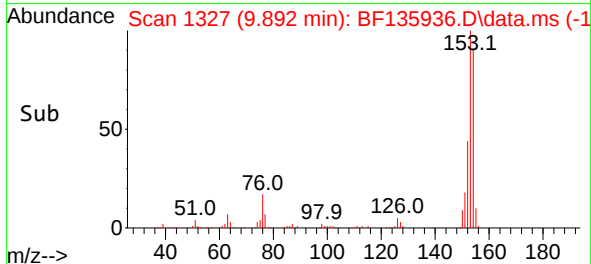
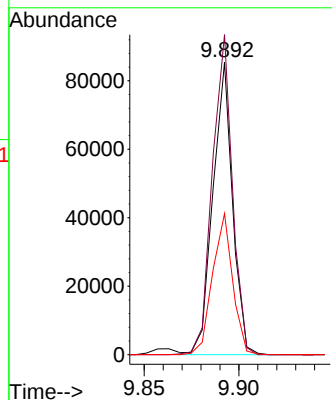
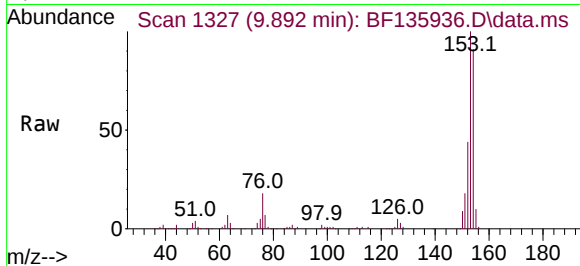




#52
Acenaphthene
Concen: 2.436 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

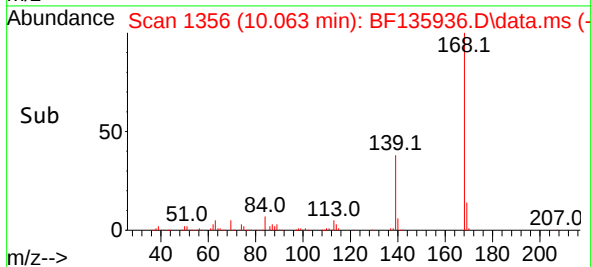
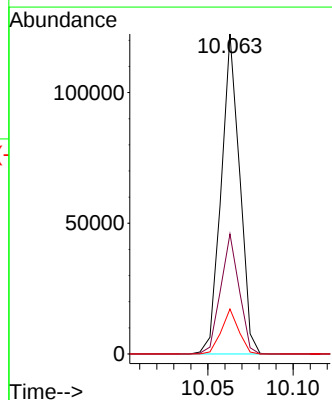
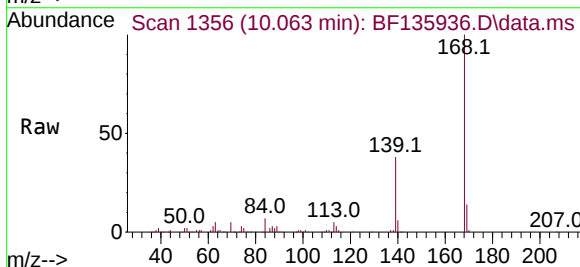
Instrument :
BNA_F
ClientSampleId :

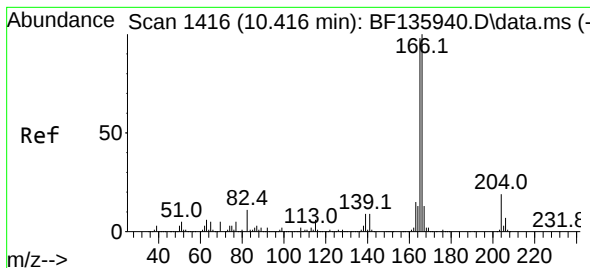
Tgt Ion:154 Resp: 61647
Ion Ratio Lower Upper
154 100
153 109.4 88.0 132.0
152 48.2 39.4 59.2



#55
Dibenzofuran
Concen: 2.365 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

Tgt Ion:168 Resp: 92344
Ion Ratio Lower Upper
168 100
139 37.5 30.7 46.1
169 14.0 11.1 16.7





#58

Fluorene

Concen: 2.344 ng

RT: 10.404 min Scan# 1416

Delta R.T. -0.012 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

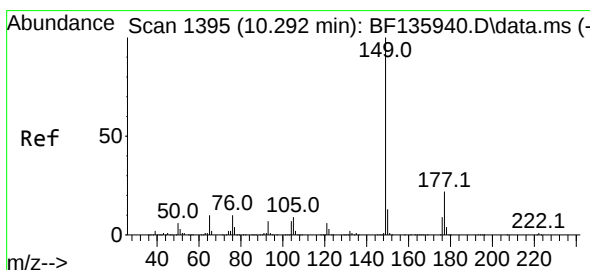
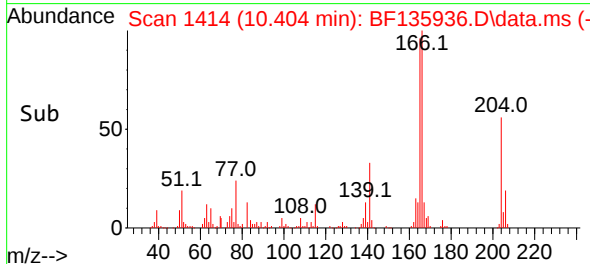
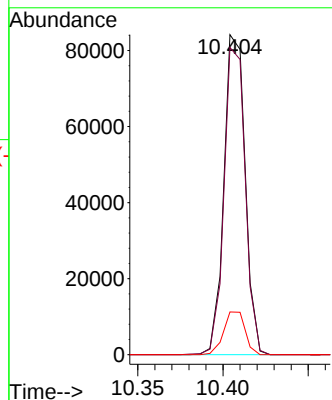
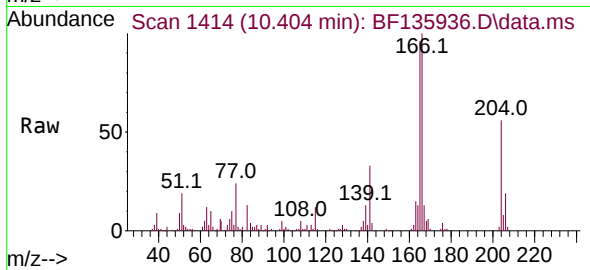
Tgt Ion:166 Resp: 72975

Ion Ratio Lower Upper

166 100

165 96.0 78.0 117.0

167 13.4 10.6 16.0



#60

Diethylphthalate

Concen: 2.106 ng

RT: 10.281 min Scan# 1393

Delta R.T. -0.012 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

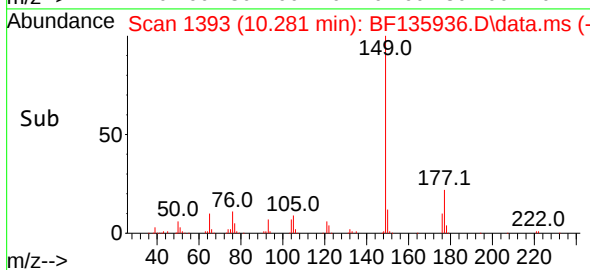
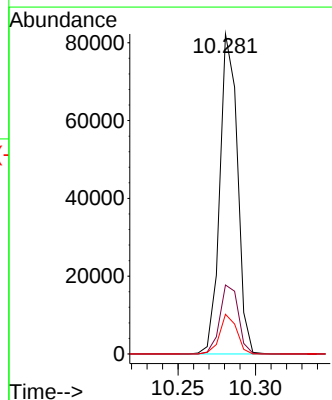
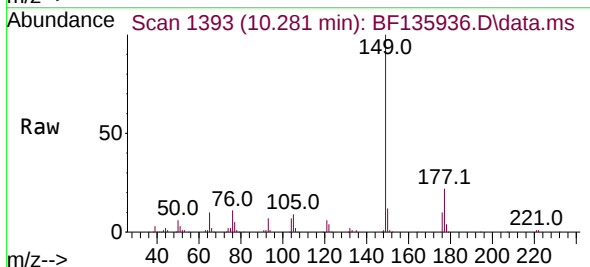
Tgt Ion:149 Resp: 65100

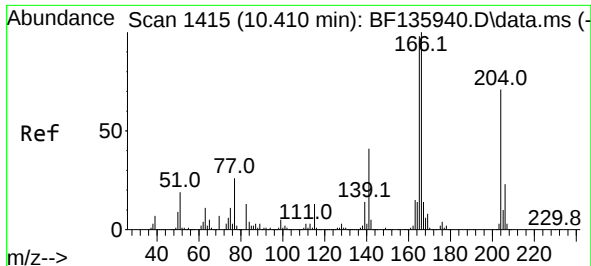
Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

150 12.4 10.2 15.2

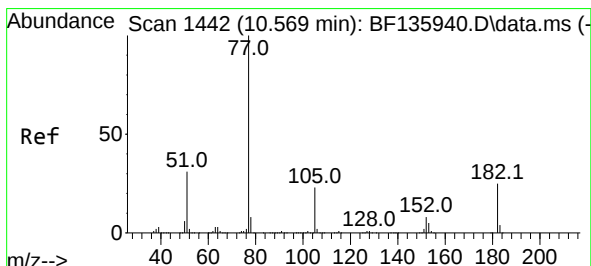
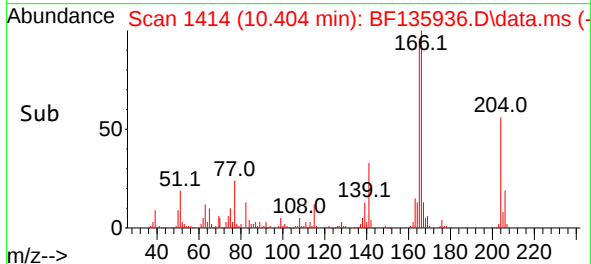
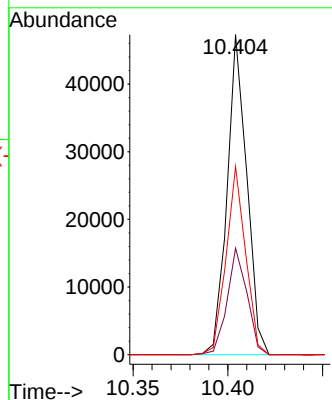
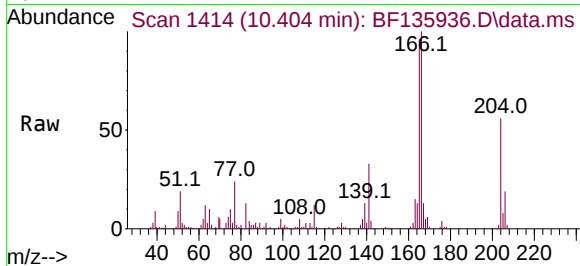




#61
4-Chlorophenyl-phenylether
Concen: 2.328 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

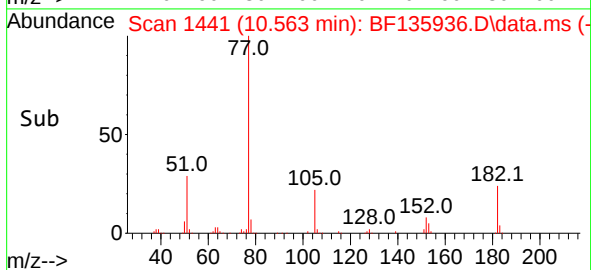
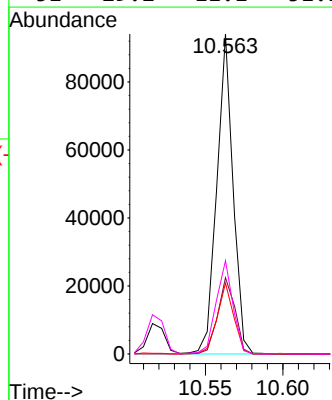
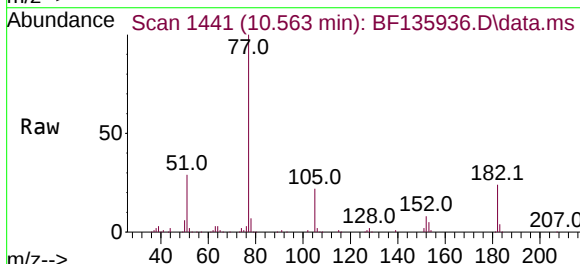
Instrument :
BNA_F
ClientSampleId :

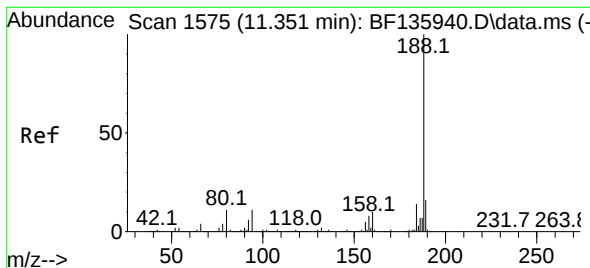
Tgt Ion: 204 Resp: 34202
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 58.8 46.2 69.2



#63
Azobenzene
Concen: 2.240 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

Tgt Ion: 77 Resp: 68539
Ion Ratio Lower Upper
77 100
182 23.9 5.1 45.1
105 22.1 2.8 42.8
51 29.2 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

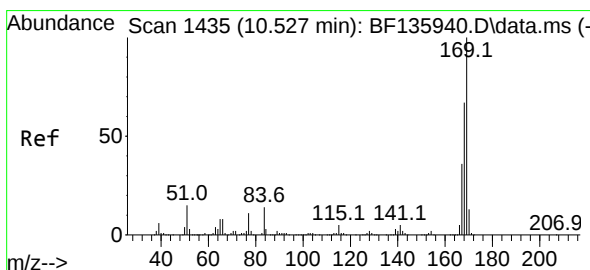
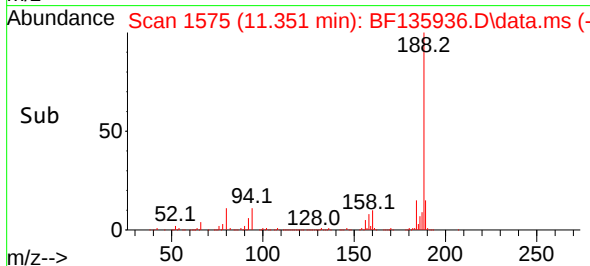
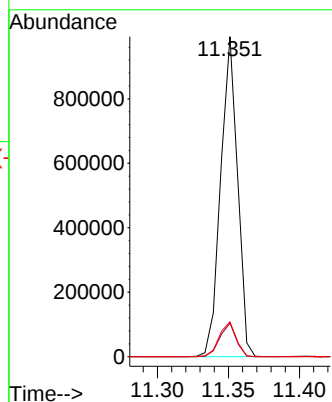
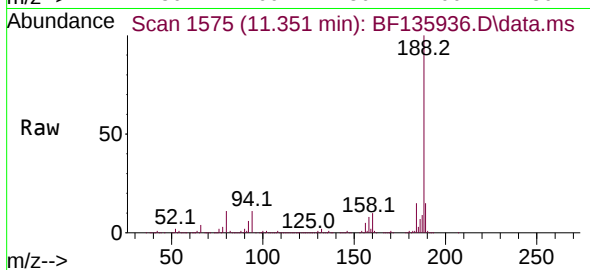
Tgt Ion:188 Resp: 819715

Ion Ratio Lower Upper

188 100

94 10.5 8.6 13.0

80 10.9 9.0 13.6



#66

n-Nitrosodiphenylamine

Concen: 2.346 ng

RT: 10.522 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

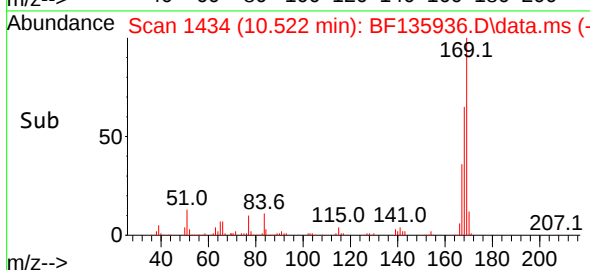
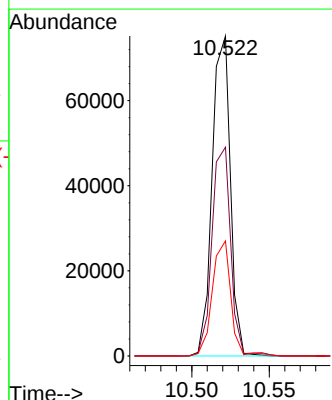
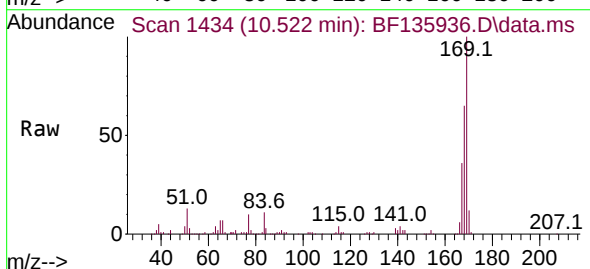
Tgt Ion:169 Resp: 61434

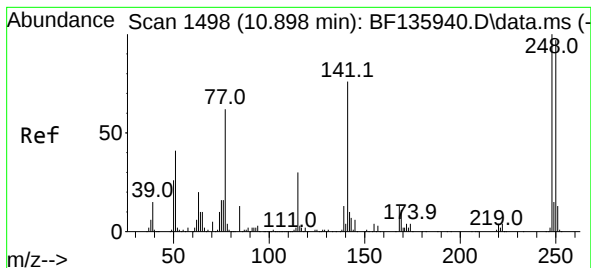
Ion Ratio Lower Upper

169 100

168 65.2 53.5 80.3

167 35.9 29.0 43.4

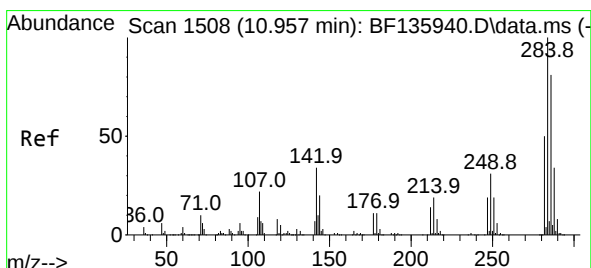
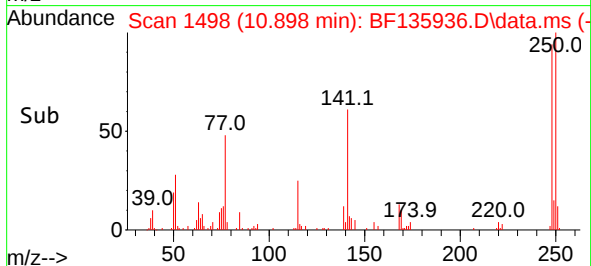
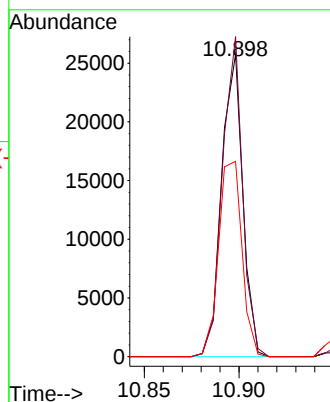
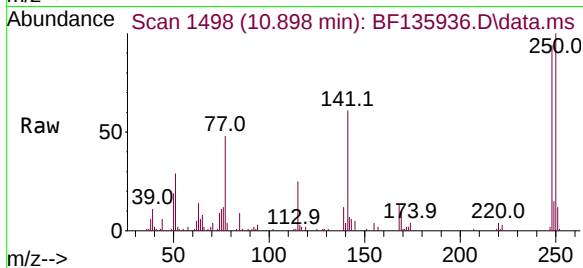




#67
4-Bromophenyl-phenylether
Concen: 2.305 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

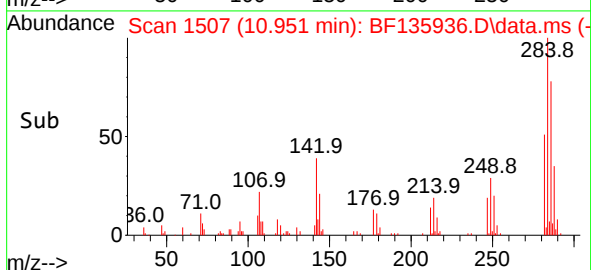
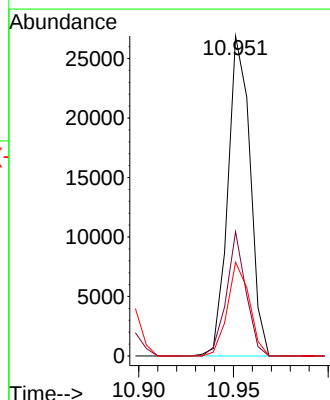
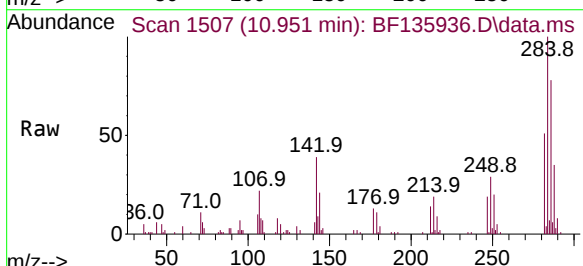
Instrument :
BNA_F
ClientSampleId :

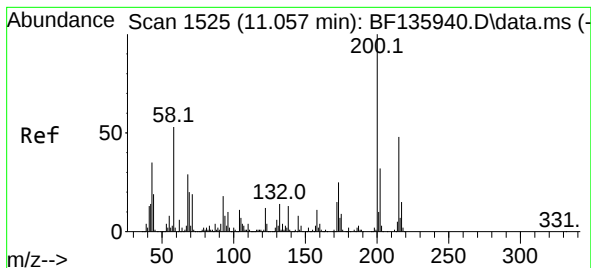
Tgt Ion:248 Resp: 20025
Ion Ratio Lower Upper
248 100
250 105.8 77.9 116.9
141 64.6 60.8 91.2



#68
Hexachlorobenzene
Concen: 2.529 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

Tgt Ion:284 Resp: 21938
Ion Ratio Lower Upper
284 100
142 38.9 27.6 41.4
249 29.3 24.7 37.1





#69

Atrazine

Concen: 2.524 ng

RT: 11.045 min Scan# 11

Delta R.T. -0.012 min

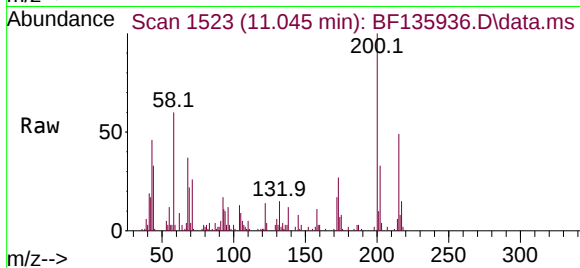
Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

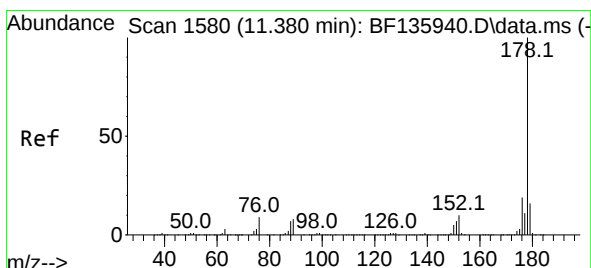
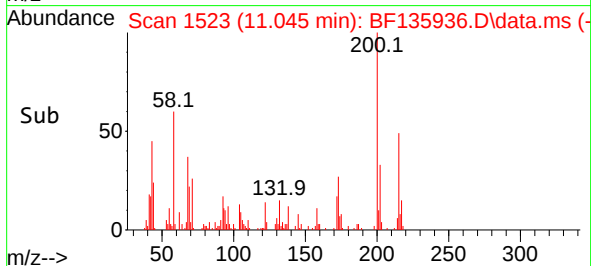
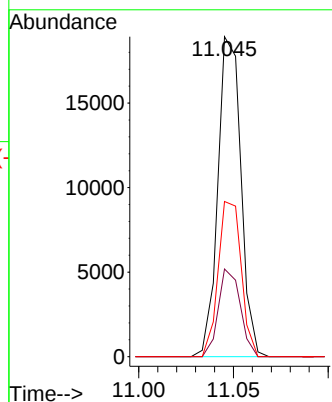
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:200	Resp:	16046
Ion Ratio	Lower	Upper
200	100	
173	27.4	5.5 45.5
215	48.5	27.5 67.5



#71

Phenanthrene

Concen: 2.746 ng

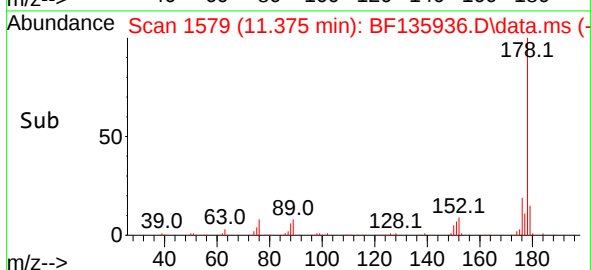
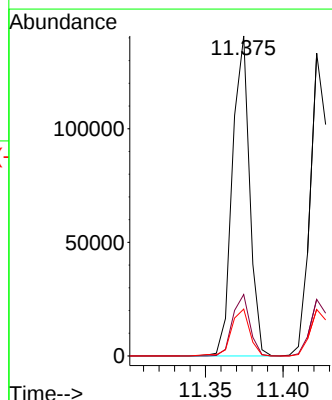
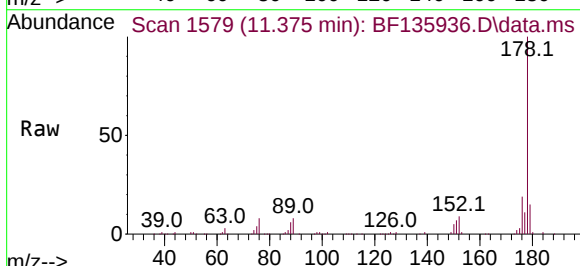
RT: 11.375 min Scan# 1579

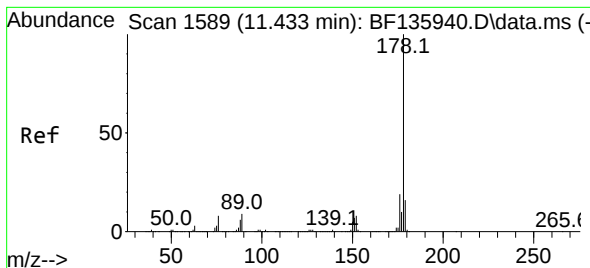
Delta R.T. -0.006 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Tgt Ion:178	Resp:	108863
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.4 23.2
179	14.7	12.5 18.7





#72

Anthracene

Concen: 2.620 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

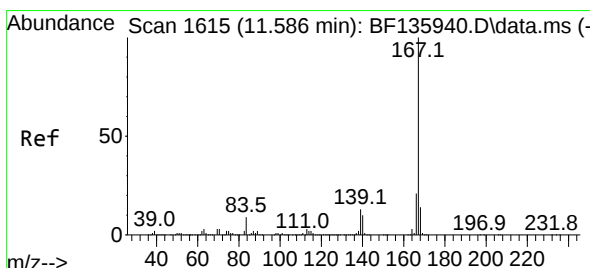
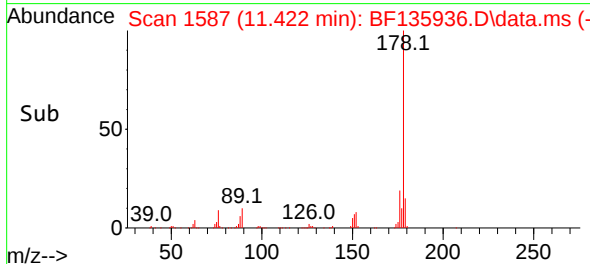
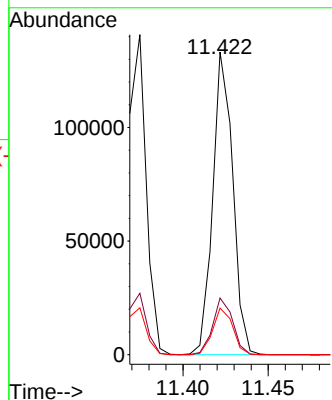
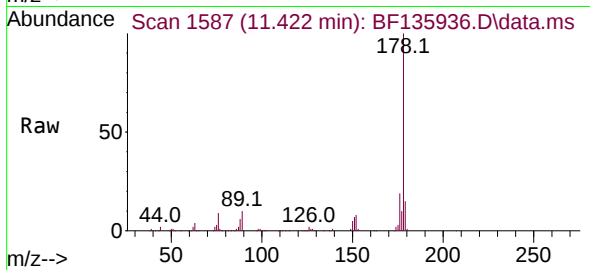
Tgt Ion:178 Resp: 108980

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.4 12.5 18.7



#73

Carbazole

Concen: 2.301 ng

RT: 11.581 min Scan# 1614

Delta R.T. -0.006 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

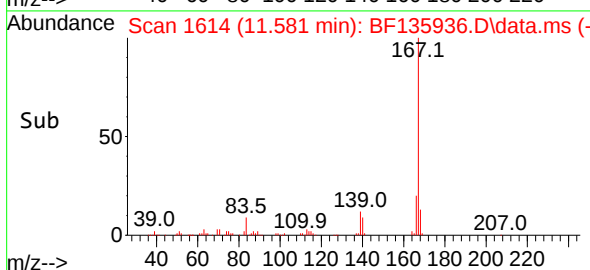
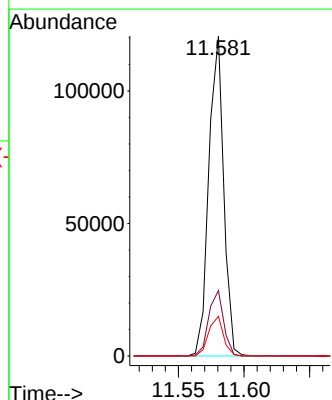
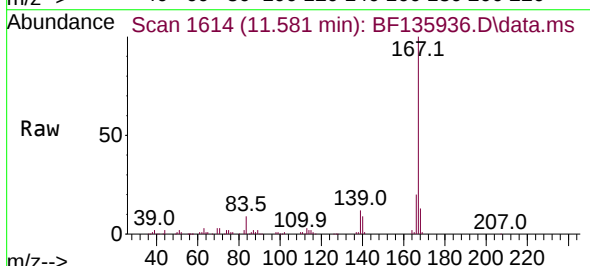
Tgt Ion:167 Resp: 95418

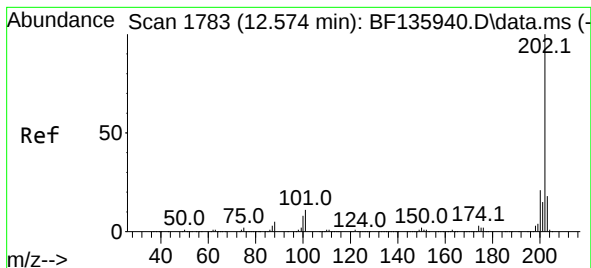
Ion Ratio Lower Upper

167 100

166 20.4 17.0 25.6

139 12.4 10.4 15.6





#75

Fluoranthene

Concen: 2.347 ng

RT: 12.569 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

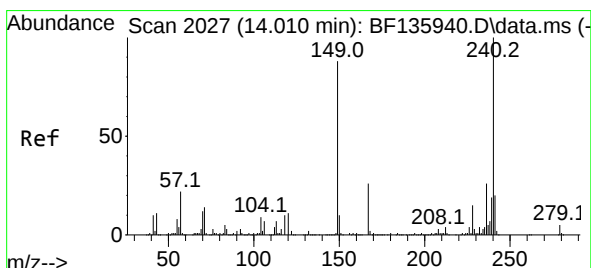
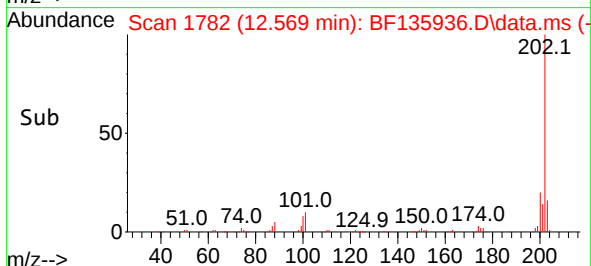
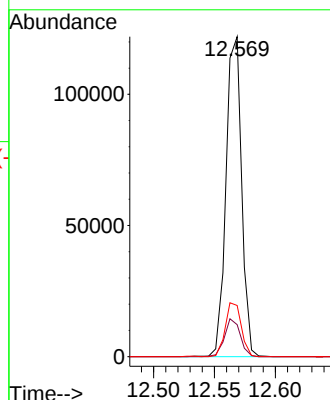
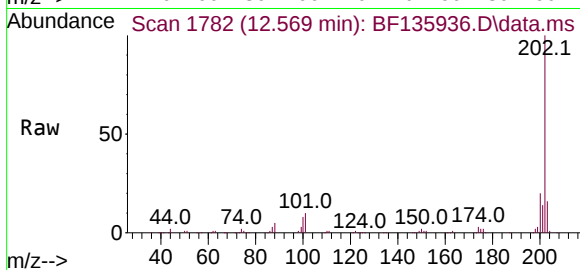
Tgt Ion:202 Resp: 108878

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.6

203 16.0 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

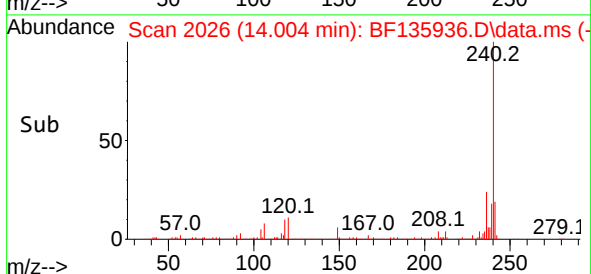
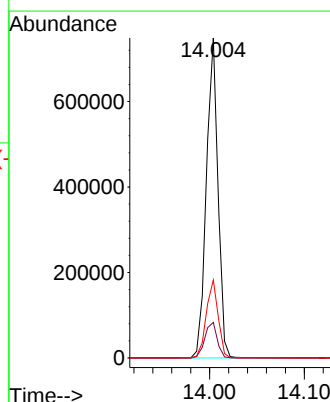
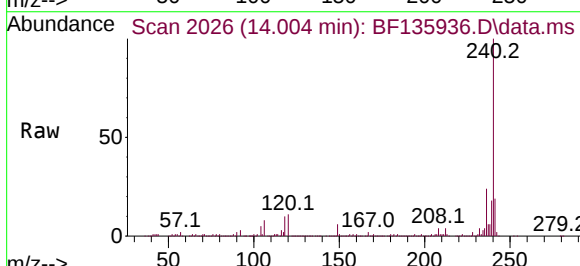
Tgt Ion:240 Resp: 637524

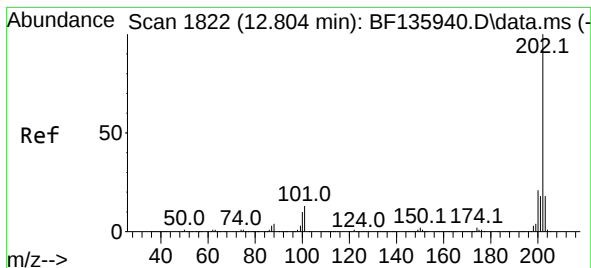
Ion Ratio Lower Upper

240 100

120 11.1 8.6 13.0

236 24.4 20.6 30.8





#78

Pyrene

Concen: 2.046 ng

RT: 12.792 min Scan# 1820

Delta R.T. -0.012 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

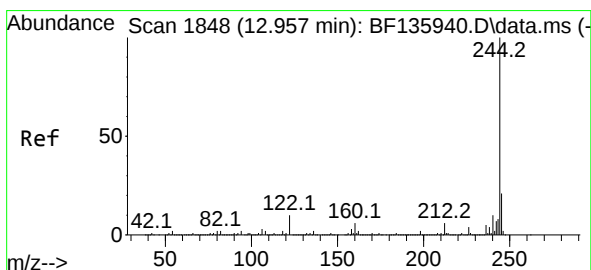
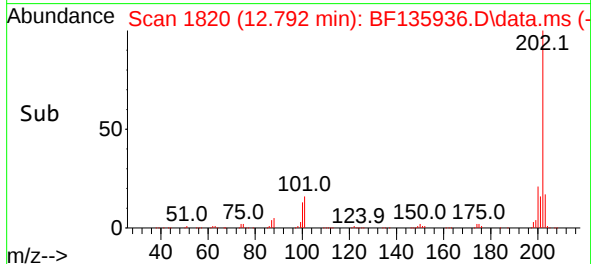
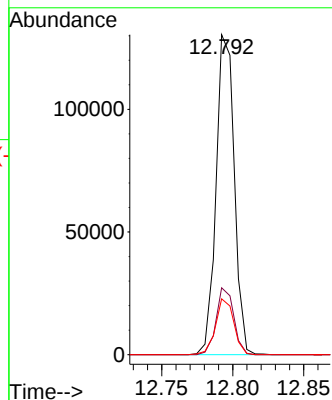
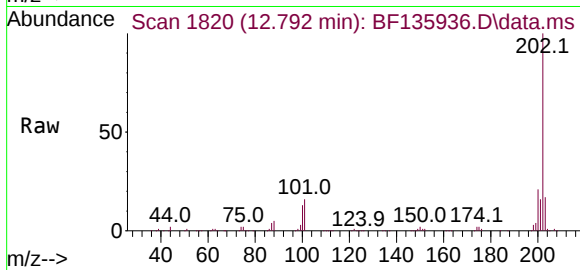
Tgt Ion:202 Resp: 116296

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

203 17.5 14.5 21.7



#79

Terphenyl-d14

Concen: 4.411 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.012 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

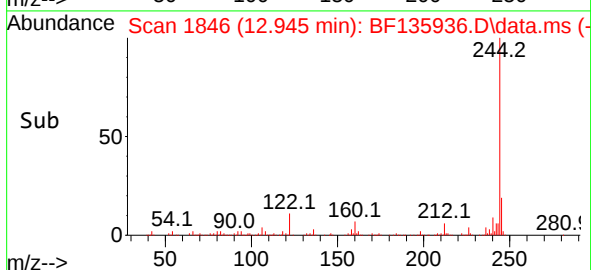
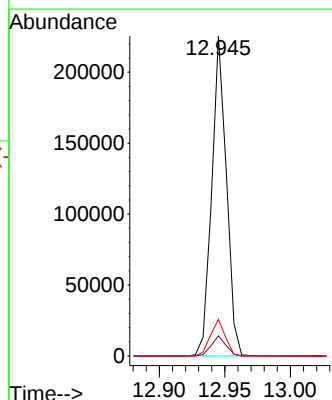
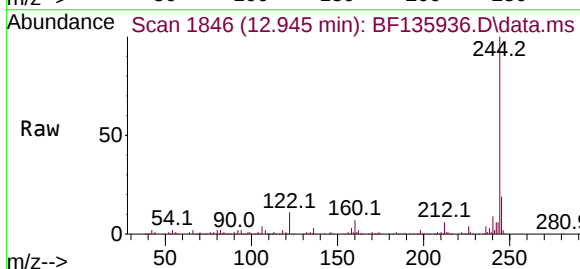
Tgt Ion:244 Resp: 175786

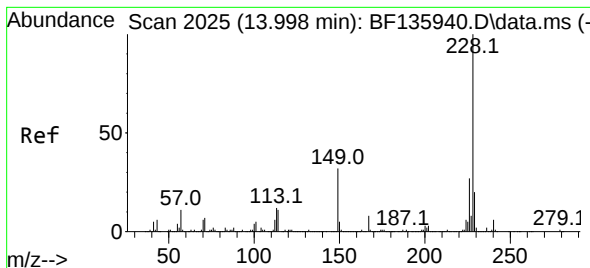
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.6

122 11.4 8.0 12.0





#81

Benzo(a)anthracene

Concen: 2.315 ng

RT: 13.992 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

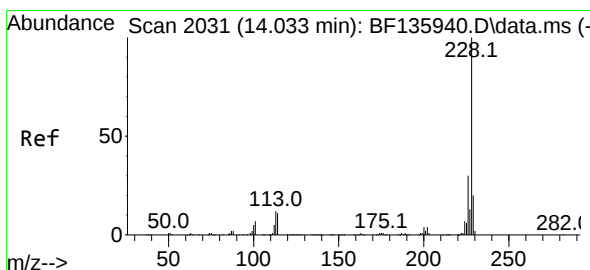
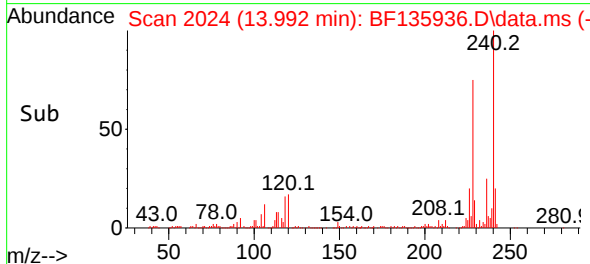
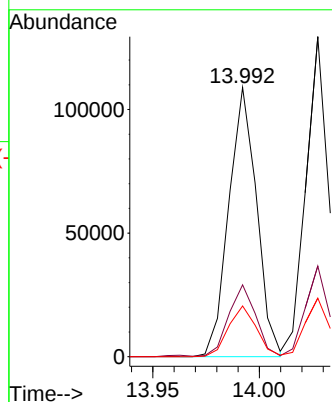
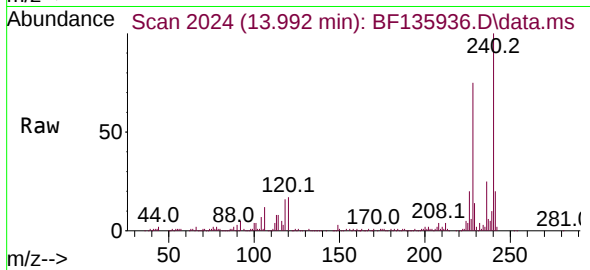
Tgt Ion:228 Resp: 99216

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.6

229 18.9 16.2 24.4



#83

Chrysene

Concen: 2.359 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

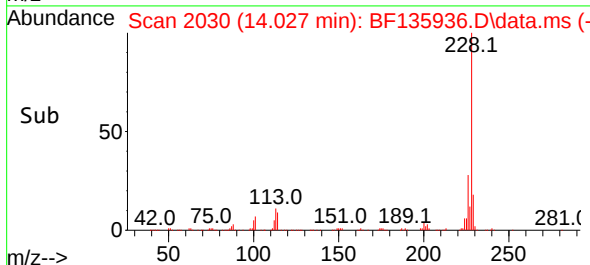
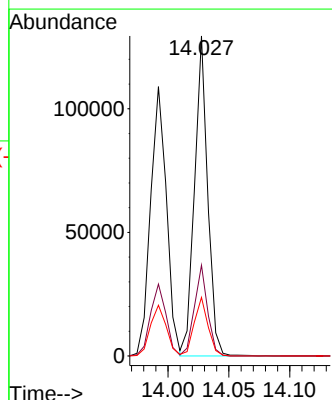
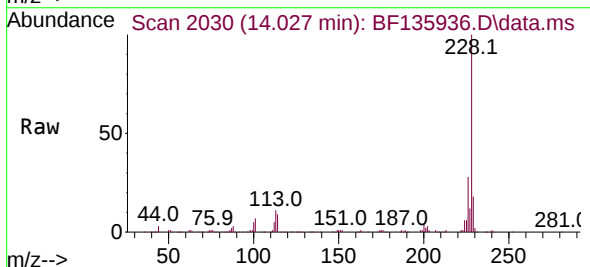
Tgt Ion:228 Resp: 97352

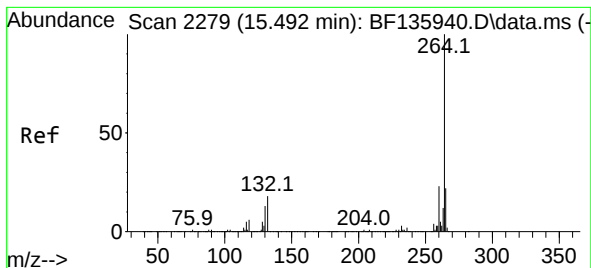
Ion Ratio Lower Upper

228 100

226 28.3 23.9 35.9

229 18.3 16.2 24.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

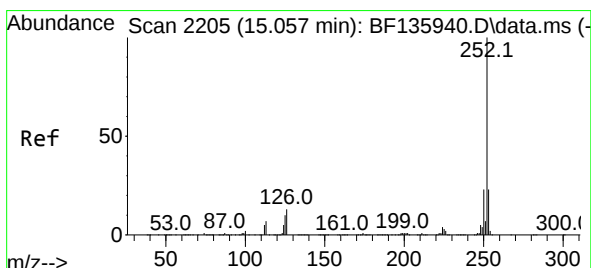
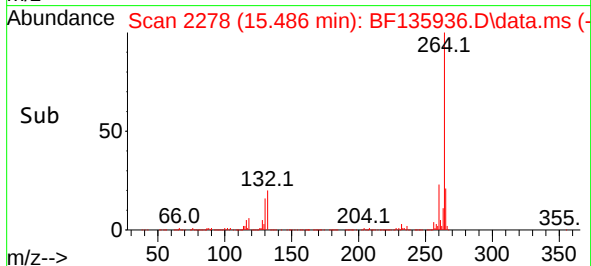
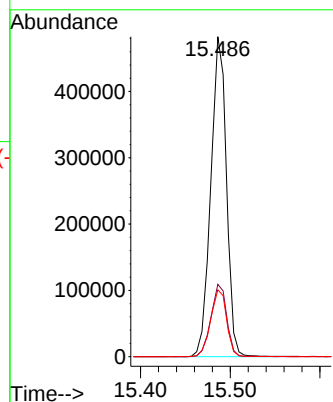
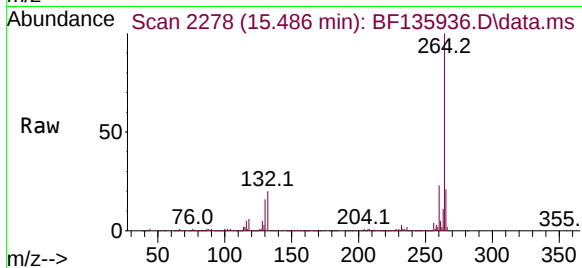
Tgt Ion:264 Resp: 584125

Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

265 20.9 17.3 25.9



#88

Benzo(b)fluoranthene

Concen: 2.369 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BF135936.D

Acq: 25 Oct 2023 11:35

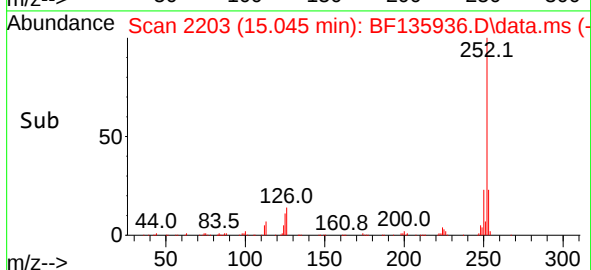
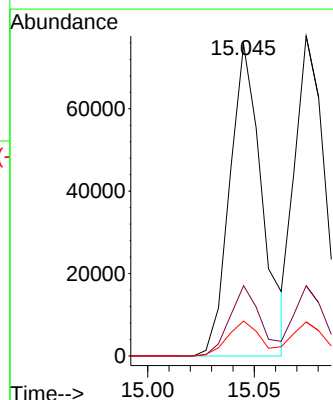
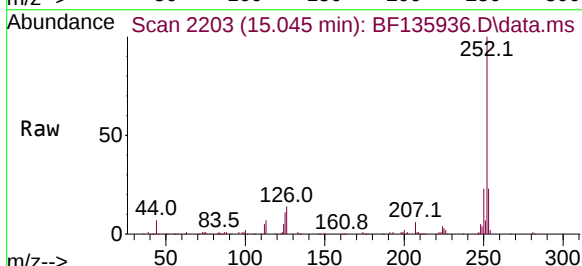
Tgt Ion:252 Resp: 80154

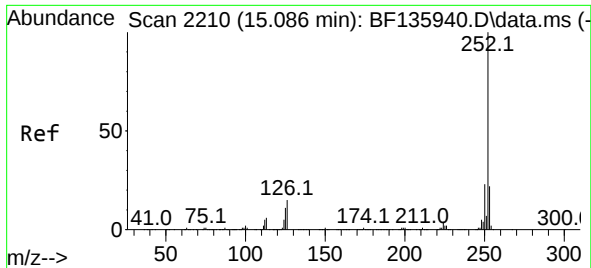
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 11.2 8.2 12.4

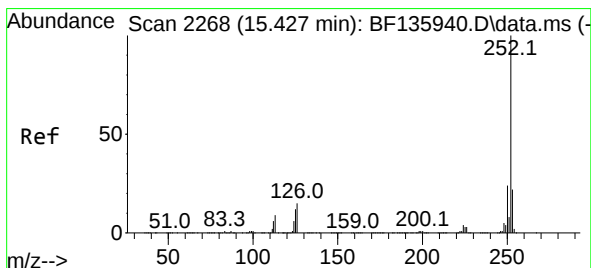
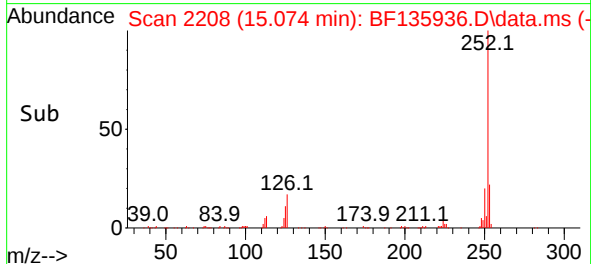
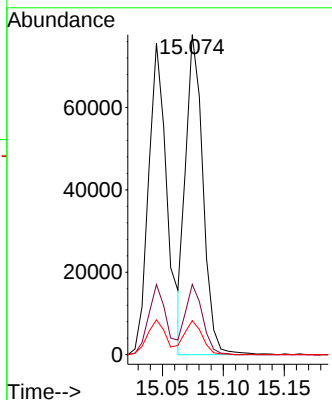
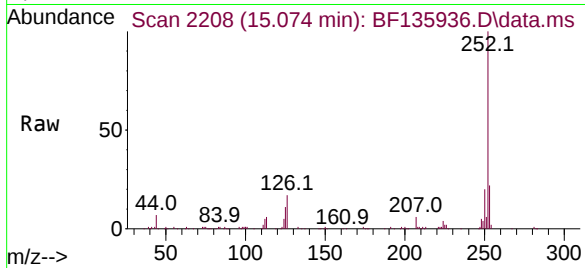




#89
Benzo(k)fluoranthene
Concen: 2.327 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 76993
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.7 8.5 12.7



#90
Benzo(a)pyrene
Concen: 2.271 ng
RT: 15.416 min Scan# 2266
Delta R.T. -0.012 min
Lab File: BF135936.D
Acq: 25 Oct 2023 11:35

Tgt Ion:252 Resp: 70123
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 12.9 9.6 14.4

