

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135541.D
 Acq On : 02 Oct 2023 22:29
 Operator : CG\JU
 Sample : 04686-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE

Quant Time: Oct 03 02:59:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	101933	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	197735	20.000	ng	# 0.01
39) Acenaphthene-d10	9.816	164	98327	20.000	ng	0.03
64) Phenanthrene-d10	11.304	188	188378	20.000	ng	# 0.03
76) Chrysene-d12	13.933	240	268251	20.000	ng	0.00
86) Perylene-d12	15.398	264	211530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	558500	89.114	ng	0.00
7) Phenol-d6	6.393	99	589173	73.932	ng	-0.01
23) Nitrobenzene-d5	7.310	82	324591	89.184	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	67222	68.795	ng	0.03
45) 2-Fluorobiphenyl	9.122	172	291427	44.716	ng	0.01
79) Terphenyl-d14	12.874	244	569218	32.894	ng	0.00
Target Compounds						
9) Benzaldehyde	6.304	77	13548	2.984	ng	# 1
18) Hexachloroethane	7.240	117	32537	12.730	ng	# 1
19) n-Nitroso-di-n-propyla...	7.175	70	92770	18.794	ng	# 64
22) Acetophenone	7.145	105	187784	41.538	ng	# 34
24) Nitrobenzene	7.316	77	35985	10.003	ng	# 23
25) Isophorone	7.563	82	162647	24.337	ng	# 1
26) 2-Nitrophenol	7.657	139	26433	15.310	ng	# 1
27) 2,4-Dimethylphenol	7.687	122	50733	17.482	ng	# 1
28) bis(2-Chloroethoxy)met...	7.798	93	19927	4.982	ng	# 1
29) 2,4-Dichlorophenol	7.881	162	18219	6.775	ng	# 1
30) 1,2,4-Trichlorobenzene	7.928	180	7338	2.611	ng	# 41
31) Naphthalene	8.057	128	557021	57.979	ng	# 92
32) Benzoic acid	7.828	122	35360	16.181	ng	# 20
33) 4-Chloroaniline	8.134	127	17049	4.045	ng	# 1
35) Caprolactam	8.481	113	177163	196.301	ng	# 1
36) 4-Chloro-3-methylphenol	8.628	107	25871	8.656	ng	# 31
37) 2-Methylnaphthalene	8.769	142	1657801	256.704	ng	99
38) 1-Methylnaphthalene	8.869	142	983729	162.701	ng	98
43) 2,4,6-Trichlorophenol	9.028	196	4403	2.361	ng	# 14
46) 1,1'-Biphenyl	9.228	154	92500	12.241	ng	95
48) 2-Nitroaniline	9.351	65	14090	6.615	ng	# 43
49) Acenaphthylene	9.675	152	69367	7.613	ng	# 1
50) Dimethylphthalate	9.581	163	20127	3.028	ng	# 5
51) 2,6-Dinitrotoluene	9.616	165	14208	9.756	ng	# 67
52) Acenaphthene	9.845	154	105392	19.580	ng	# 88
53) 3-Nitroaniline	9.763	138	27187	15.904	ng	# 20
54) 2,4-Dinitrophenol	10.034	184	8102	15.282	ng	# 1
55) Dibenzofuran	10.016	168	102193	12.442	ng	# 1
56) 4-Nitrophenol	9.963	139	18483	17.012	ng	# 1
57) 2,4-Dinitrotoluene	10.022	165	35678	19.569	ng	# 65
58) Fluorene	10.363	166	202477	32.066	ng	# 84
61) 4-Chlorophenyl-phenyle...	10.369	204	7093	2.338	ng	# 1
62) 4-Nitroaniline	10.275	138	38976	23.719	ng	81
65) 4,6-Dinitro-2-methylph...	10.433	198	3514	3.512	ng	# 1
66) n-Nitrosodiphenylamine	10.481	169	371247	65.096	ng	# 50
69) Atrazine	11.022	200	3161	2.060	ng	# 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135541.D
 Acq On : 02 Oct 2023 22:29
 Operator : CG\JU
 Sample : 04686-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

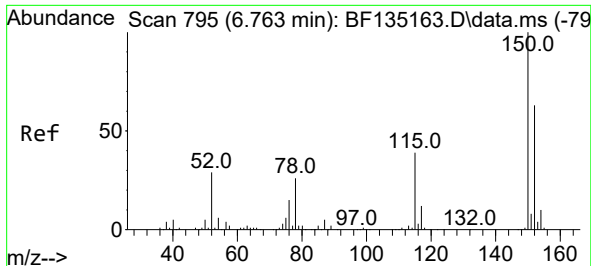
Instrument :
 BNA_F
 ClientSampleId :
 WASTE

Quant Time: Oct 03 02:59:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

70) Pentachlorophenol	11.133	266	5512	4.827	ng	# 25
71) Phenanthrene	11.328	178	708809	79.557	ng	# 95
72) Anthracene	11.380	178	79635	8.696	ng	# 66
73) Carbazole	11.533	167	21185	2.541	ng	# 1
75) Fluoranthene	12.510	202	226228	24.369	ng	94
78) Pyrene	12.739	202	283898	11.116	ng	97
81) Benzo(a)anthracene	13.921	228	112382	6.488	ng	97
83) Chrysene	13.957	228	102416	5.947	ng	97
87) Indeno(1,2,3-cd)pyrene	16.880	276	29769	2.146	ng	95
88) Benzo(b)fluoranthene	14.974	252	113031	9.871	ng	# 91
89) Benzo(k)fluoranthene	14.974	252	113031	9.993	ng	# 92
90) Benzo(a)pyrene	15.333	252	54603	5.000	ng	# 91
92) Benzo(g,h,i)perylene	17.327	276	30219	2.550	ng	# 89

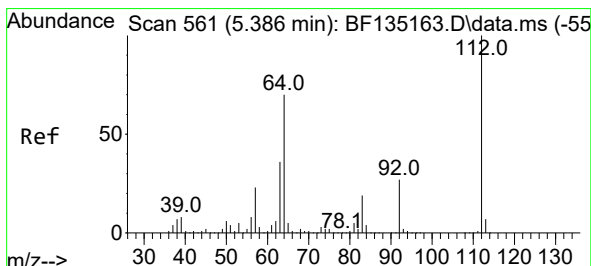
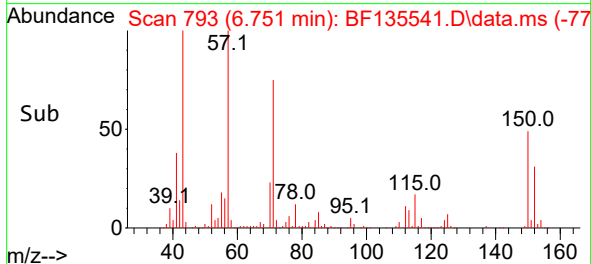
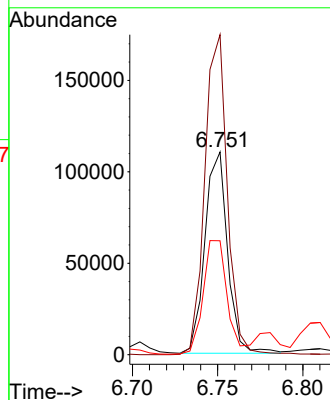
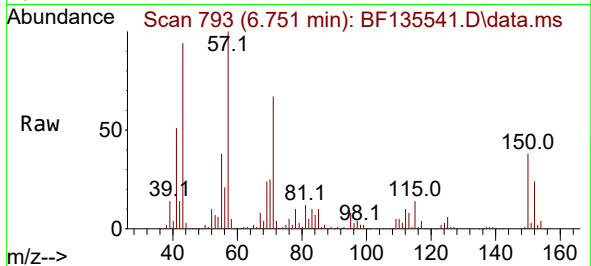
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

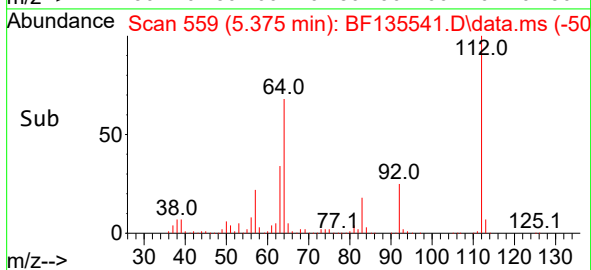
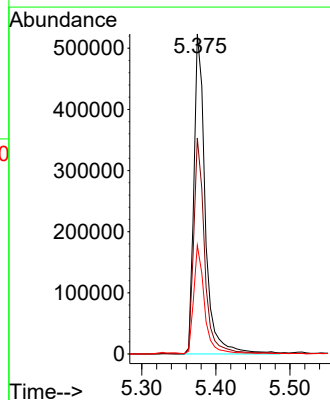
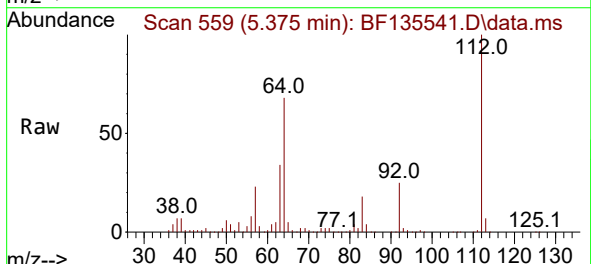
Instrument :
BNA_F
ClientSampleId :
WASTE

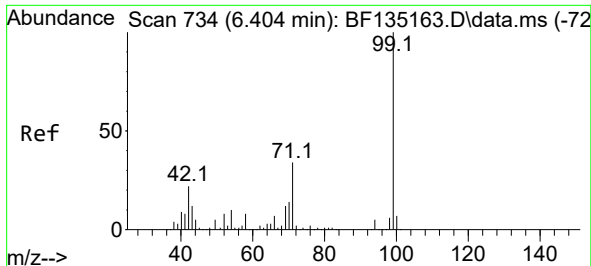
Tgt Ion:152 Resp: 101933
Ion Ratio Lower Upper
152 100
150 157.8 127.8 191.6
115 56.2 49.8 74.8



#5
2-Fluorophenol
Concen: 89.114 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:112 Resp: 558500
Ion Ratio Lower Upper
112 100
64 67.5 55.9 83.9
63 34.0 29.0 43.6





#7

Phenol-d6

Concen: 73.932 ng

RT: 6.393 min Scan# 717

Delta R.T. -0.012 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

Instrument :

BNA_F

ClientSampleId :

WASTE

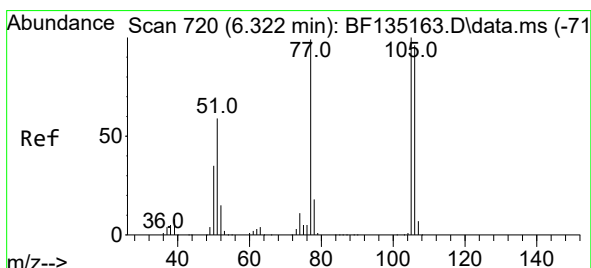
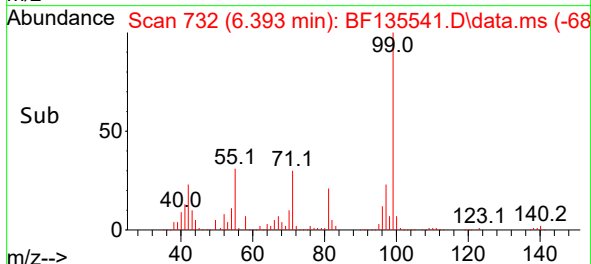
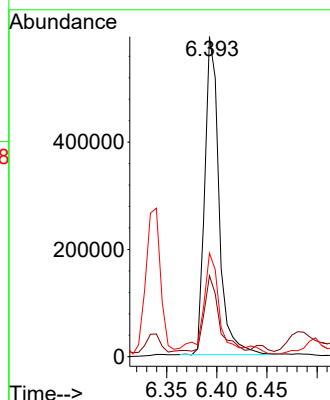
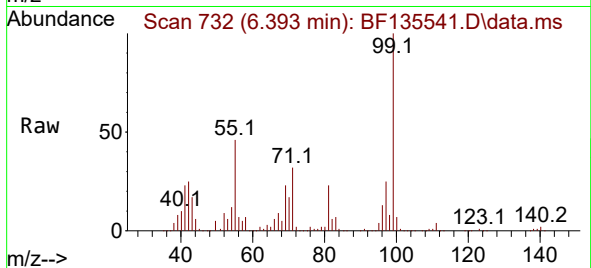
Tgt Ion: 99 Resp: 589173

Ion Ratio Lower Upper

99 100

42 25.3 17.9 26.9

71 32.4 27.0 40.6



#9

Benzaldehyde

Concen: 2.984 ng

RT: 6.304 min Scan# 717

Delta R.T. 0.000 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

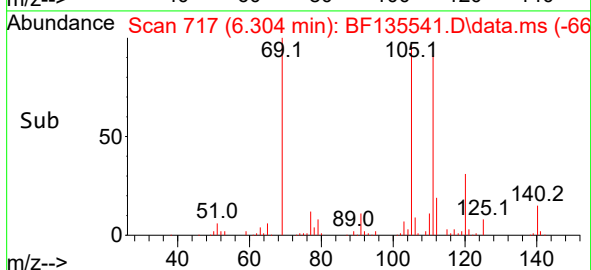
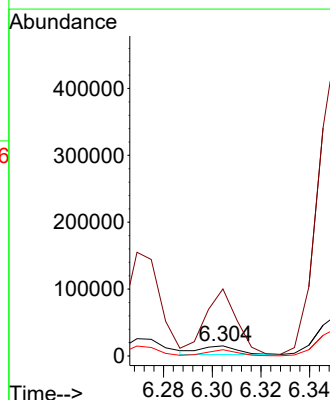
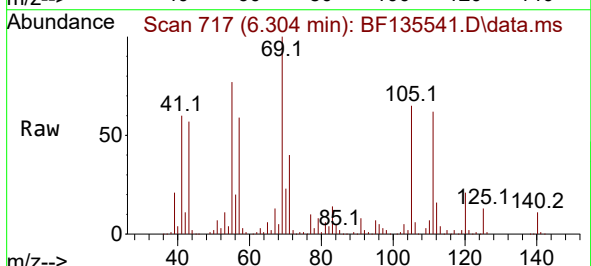
Tgt Ion: 77 Resp: 13548

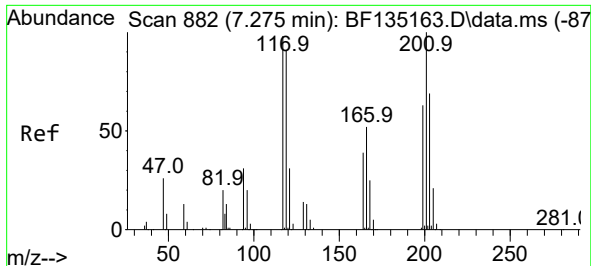
Ion Ratio Lower Upper

77 100

105 664.2 81.4 121.4#

106 61.9 76.9 116.9#

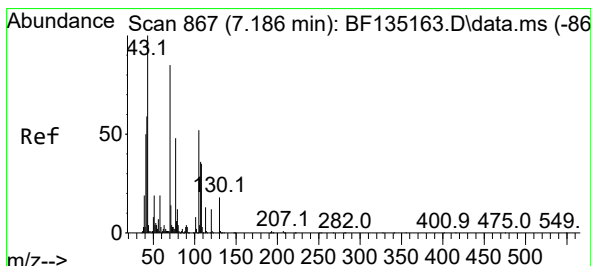
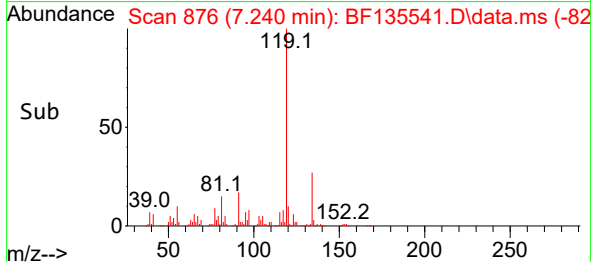
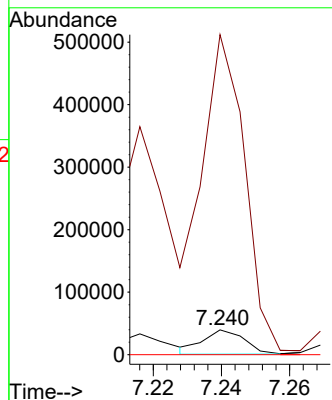
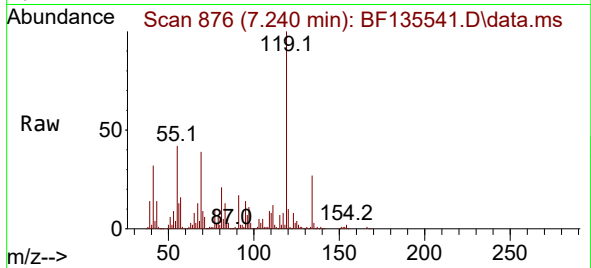




#18
Hexachloroethane
Concen: 12.730 ng
RT: 7.240 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

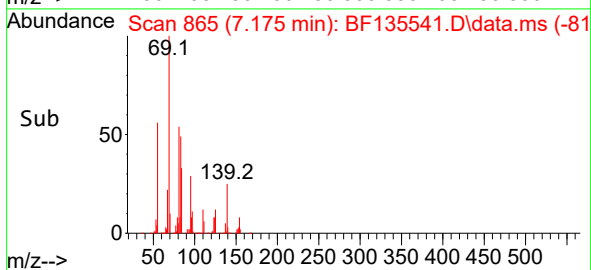
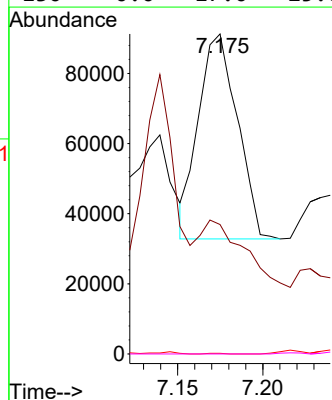
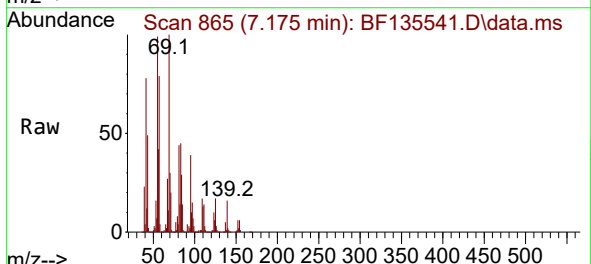
Instrument :
BNA_F
ClientSampleId :
WASTE

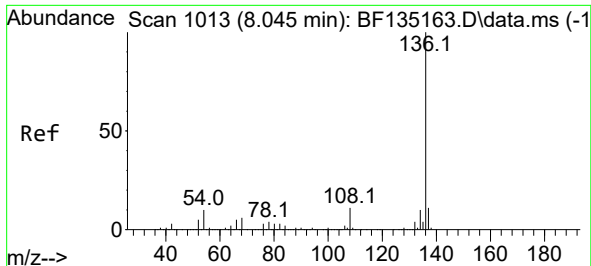
Tgt Ion:117 Resp: 32537
Ion Ratio Lower Upper
117 100
119 1288.3 74.7 112.1#
201 0.0 81.8 122.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.794 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion: 70 Resp: 92770
Ion Ratio Lower Upper
70 100
42 40.4 55.4 83.0#
101 0.2 7.7 11.5#
130 0.0 17.0 25.6#

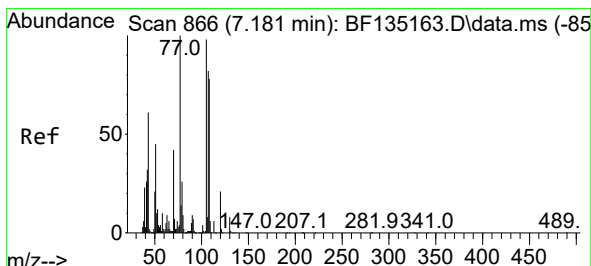
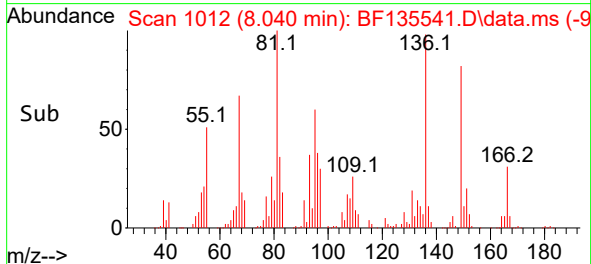
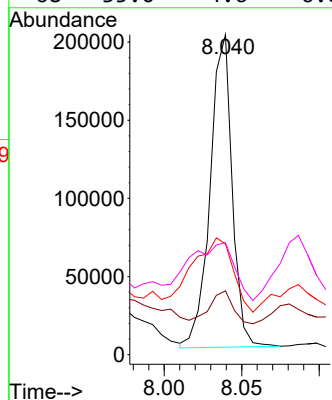
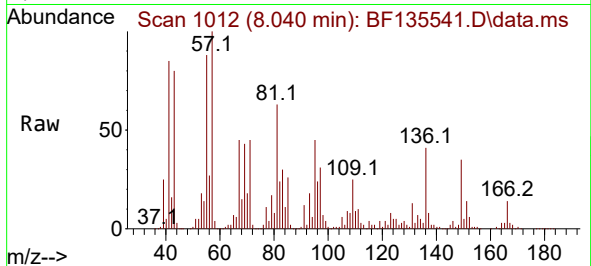




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1012
Delta R.T. 0.012 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

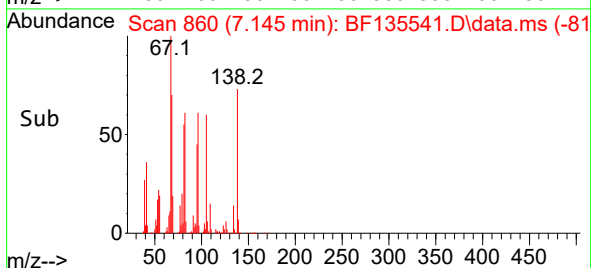
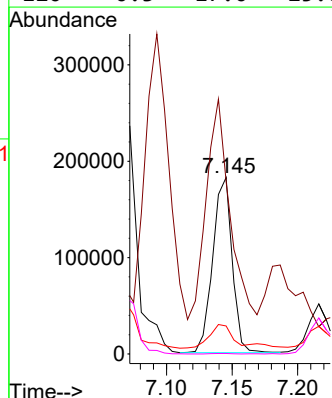
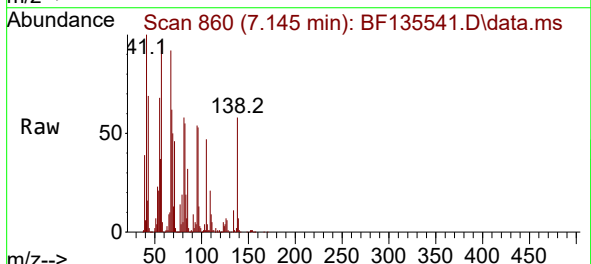
Instrument :
BNA_F
ClientSampleId :
WASTE

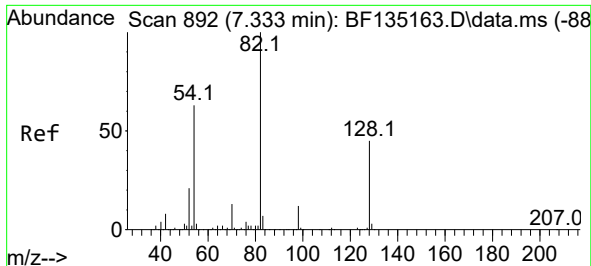
Tgt Ion:136 Resp: 197735
Ion Ratio Lower Upper
136 100
137 20.0 8.8 13.2#
54 34.6 7.7 11.5#
68 35.0 4.6 6.8#



#22
Acetophenone
Concen: 41.538 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.018 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:105 Resp: 187784
Ion Ratio Lower Upper
105 100
71 97.6 5.8 8.6#
51 15.8 37.0 55.4#
120 0.3 17.0 25.6#





#23

Nitrobenzene-d5

Concen: 89.184 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.012 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

Instrument :

BNA_F

ClientSampleId :

WASTE

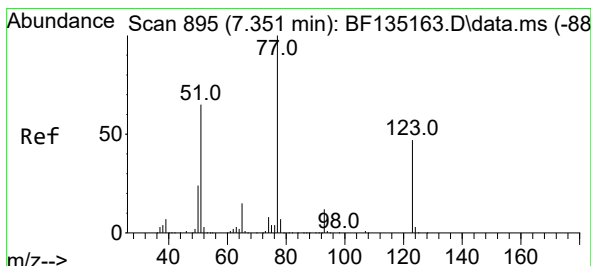
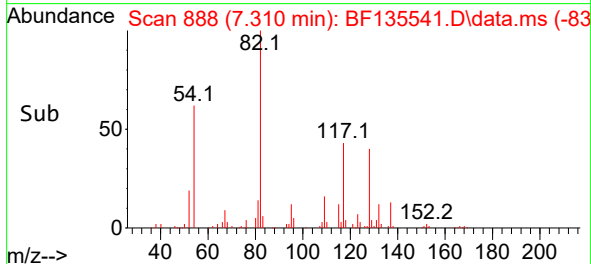
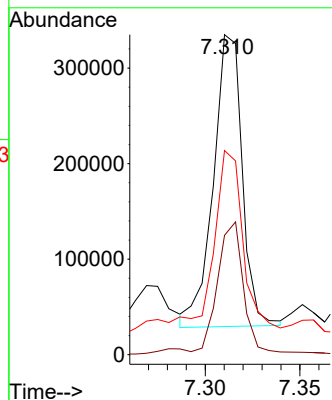
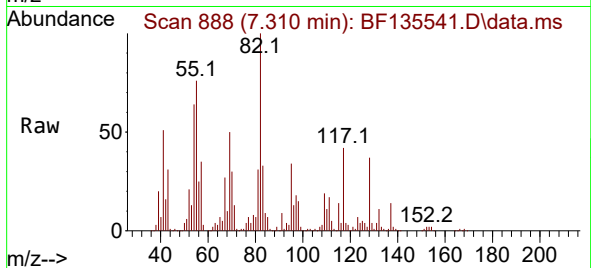
Tgt Ion: 82 Resp: 324591

Ion Ratio Lower Upper

82 100

128 37.3 35.8 53.6

54 63.8 50.6 76.0



#24

Nitrobenzene

Concen: 10.003 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.023 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

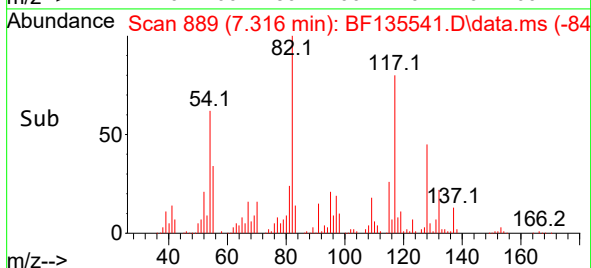
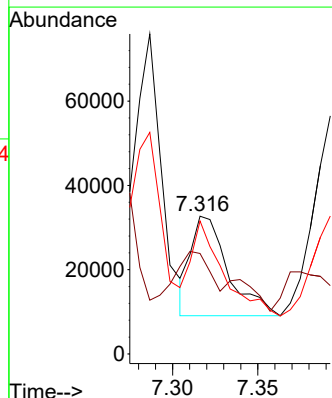
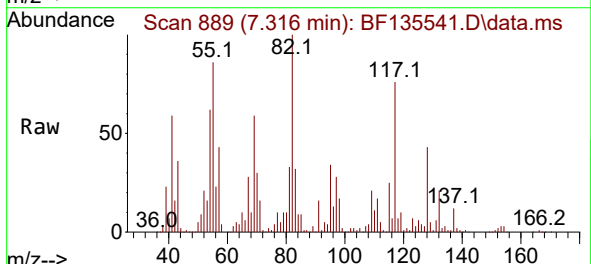
Tgt Ion: 77 Resp: 35985

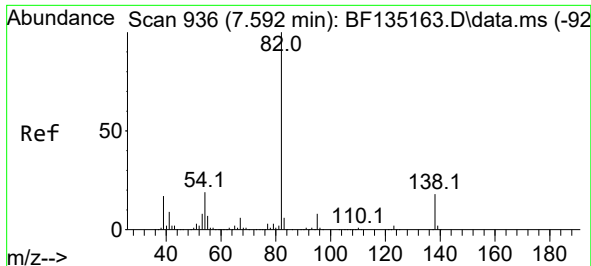
Ion Ratio Lower Upper

77 100

123 72.9 37.6 56.4#

65 96.5 12.2 18.4#

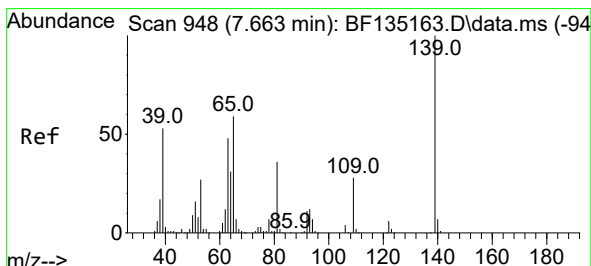
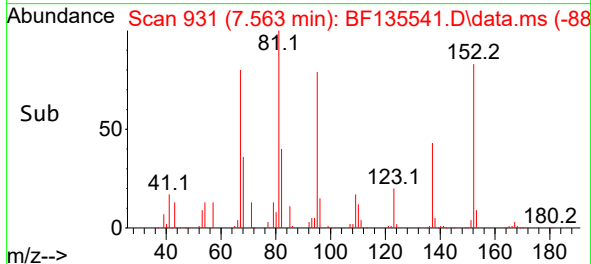
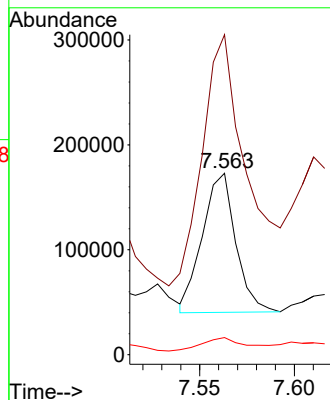
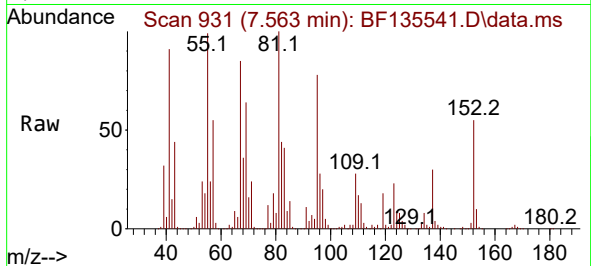




#25
Isophorone
Concen: 24.337 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

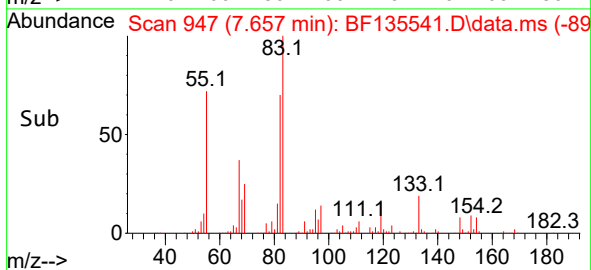
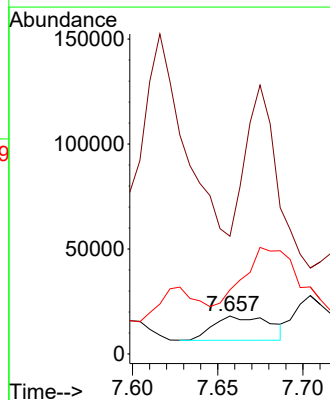
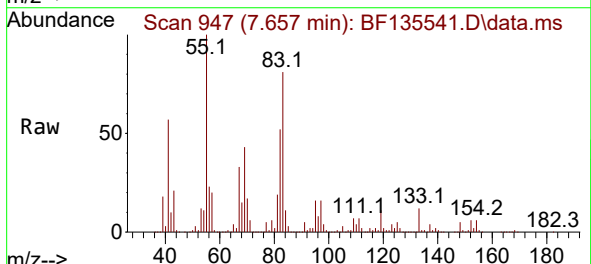
Instrument :
BNA_F
ClientSampleId :
WASTE

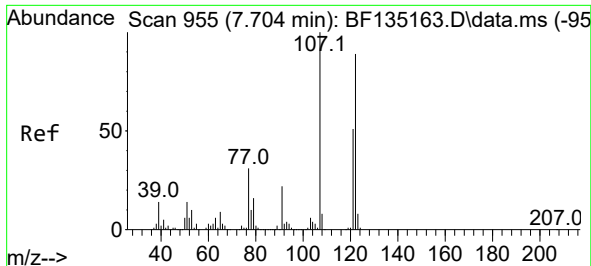
Tgt Ion: 82 Resp: 162647
Ion Ratio Lower Upper
82 100
95 176.4 6.0 9.0#
138 9.5 14.5 21.7#



#26
2-Nitrophenol
Concen: 15.310 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.006 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion: 139 Resp: 26433
Ion Ratio Lower Upper
139 100
109 309.9 22.6 33.8#
65 168.9 47.0 70.4#





#27

2,4-Dimethylphenol

Concen: 17.482 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

Instrument :

BNA_F

ClientSampleId :

WASTE

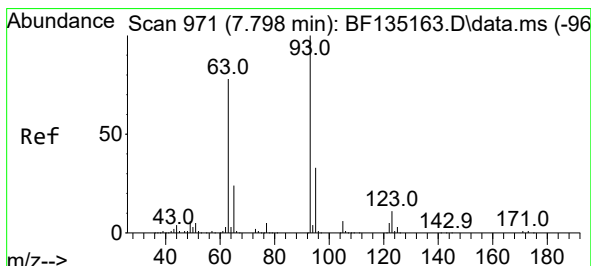
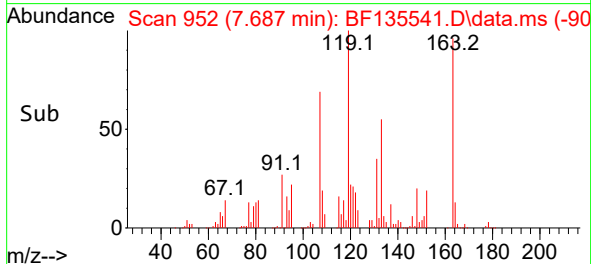
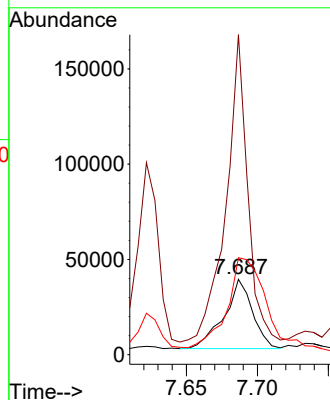
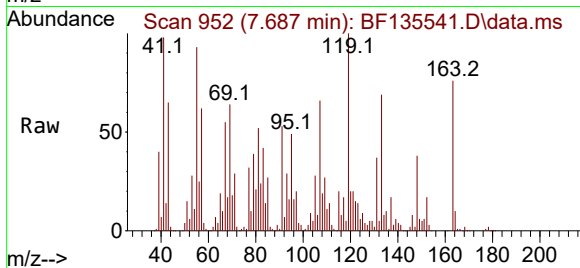
Tgt Ion:122 Resp: 50733

Ion Ratio Lower Upper

122 100

107 424.5 90.2 135.4#

121 128.6 46.3 69.5#



#28

bis(2-Chloroethoxy)methane

Concen: 4.982 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.012 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

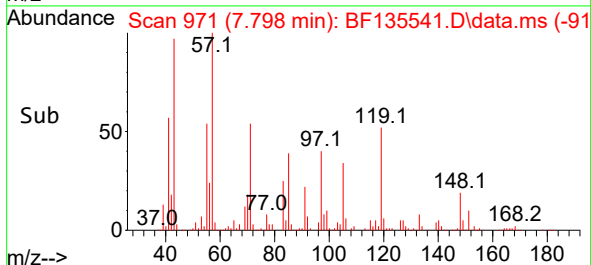
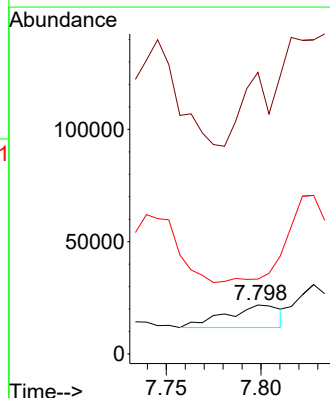
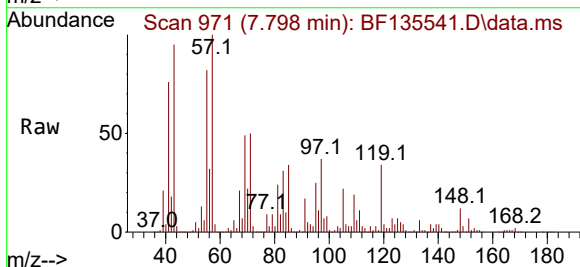
Tgt Ion: 93 Resp: 19927

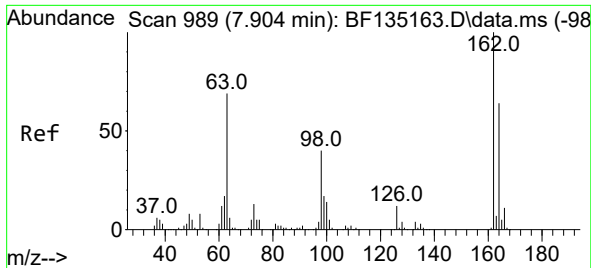
Ion Ratio Lower Upper

93 100

95 574.8 26.2 39.2#

123 152.9 8.8 13.2#

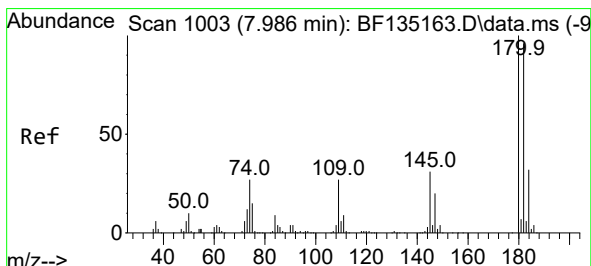
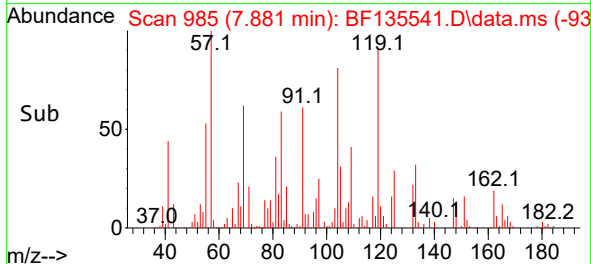
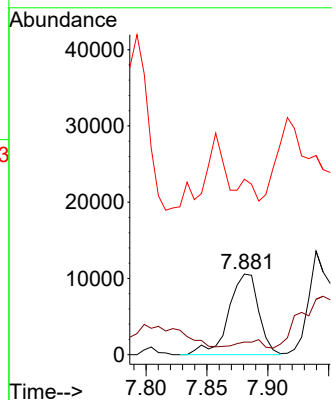
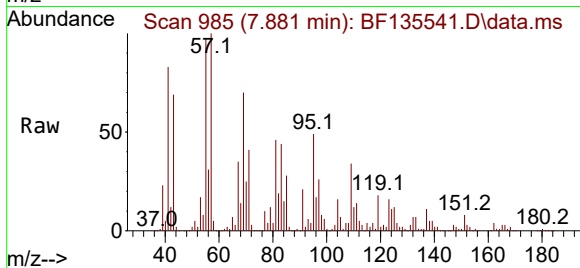




#29
2,4-Dichlorophenol
Concen: 6.775 ng
RT: 7.881 min Scan# 991
Delta R.T. -0.018 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

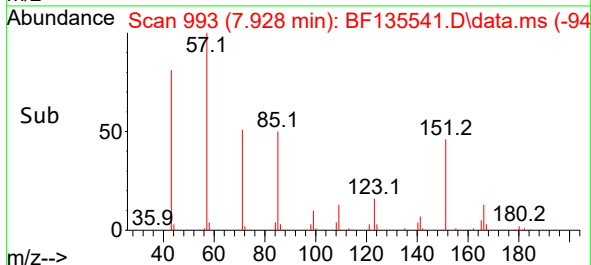
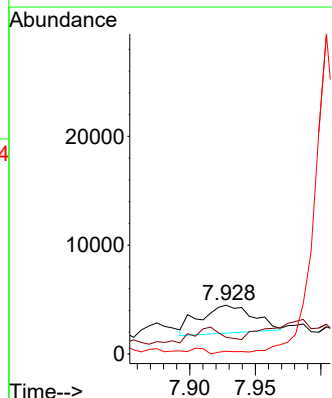
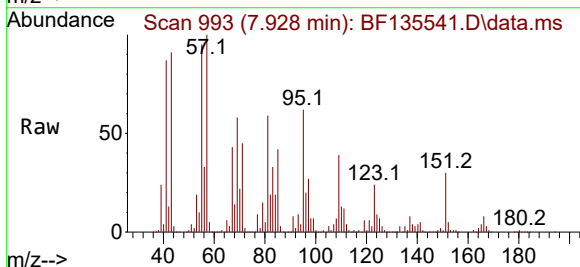
Instrument :
BNA_F
ClientSampleId :
WASTE

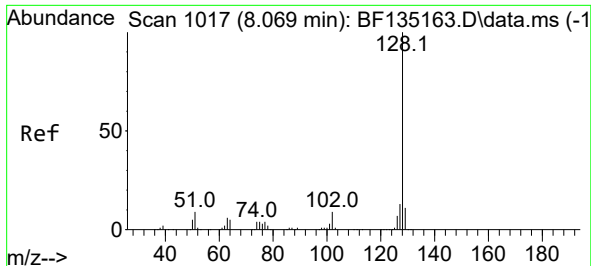
Tgt Ion:162 Resp: 18219
Ion Ratio Lower Upper
162 100
164 15.7 44.1 84.1#
98 217.5 20.3 60.3#



#30
1,2,4-Trichlorobenzene
Concen: 2.611 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.041 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:180 Resp: 7338
Ion Ratio Lower Upper
180 100
182 34.2 76.9 115.3#
145 5.5 24.5 36.7#

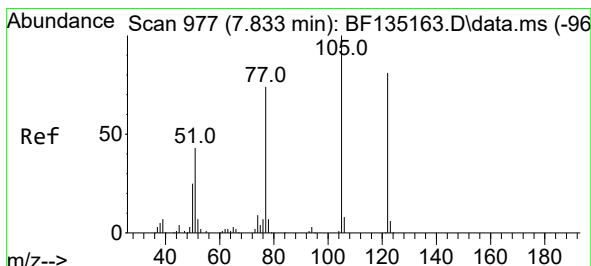
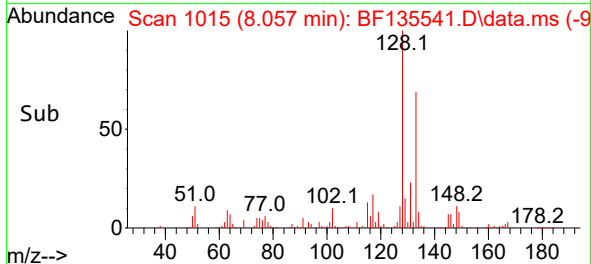
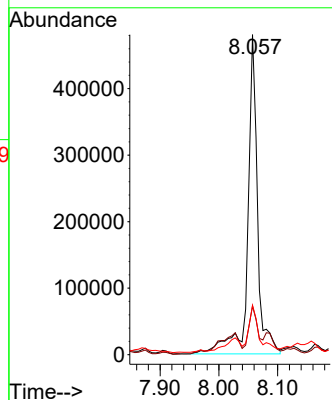
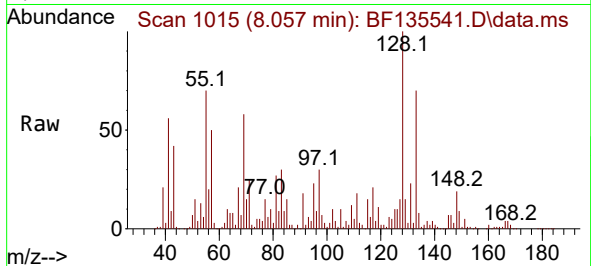




#31
Naphthalene
Concen: 57.979 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

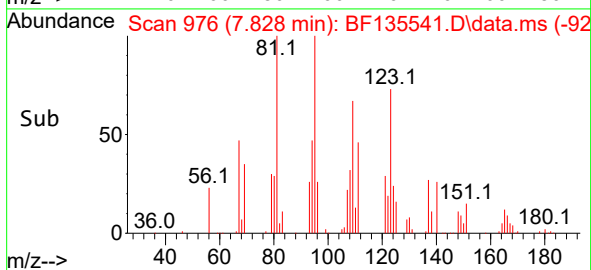
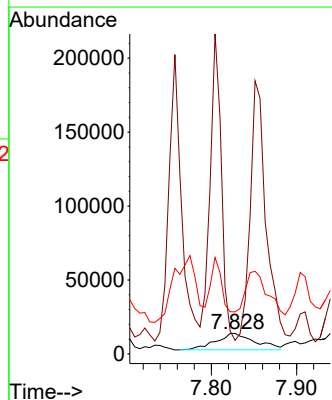
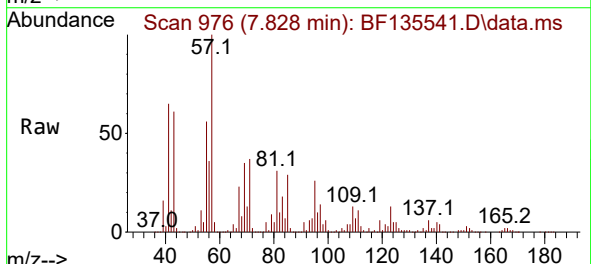
Instrument :
BNA_F
ClientSampleId :
WASTE

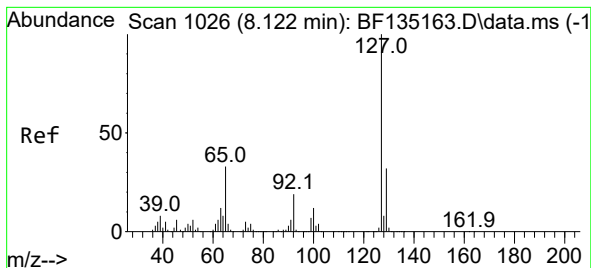
Tgt Ion:128 Resp: 557021
Ion Ratio Lower Upper
128 100
129 15.2 8.7 13.1#
127 15.5 10.7 16.1



#32
Benzoic acid
Concen: 16.181 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:122 Resp: 35360
Ion Ratio Lower Upper
122 100
105 66.4 99.9 139.9#
77 204.3 70.0 110.0#





#33

4-Chloroaniline

Concen: 4.045 ng

RT: 8.134 min Scan# 1026

Delta R.T. 0.024 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

Instrument :

BNA_F

ClientSampleId :

WASTE

Tgt Ion:127 Resp: 17049

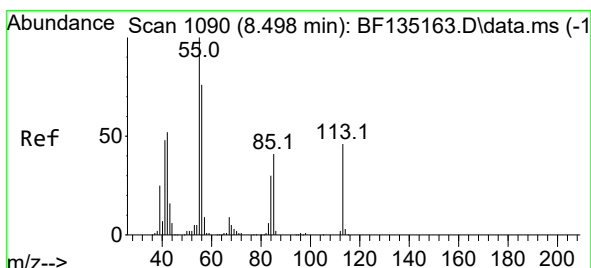
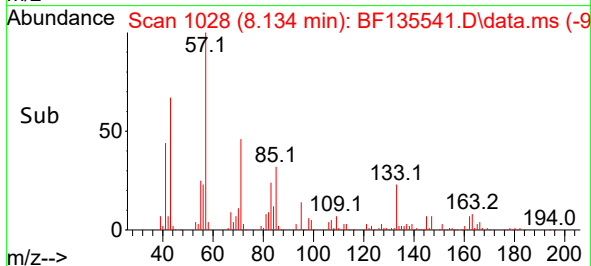
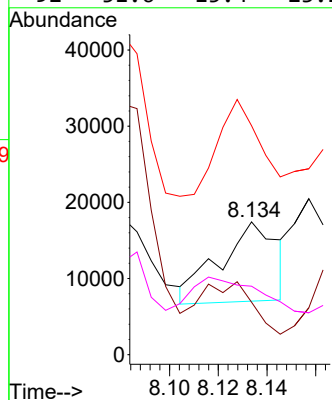
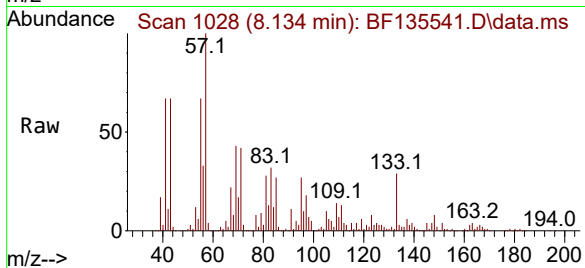
Ion Ratio Lower Upper

127 100

129 39.6 25.8 38.8#

65 172.3 26.6 39.8#

92 51.6 15.4 23.2#



#35

Caprolactam

Concen: 196.301 ng

RT: 8.481 min Scan# 1087

Delta R.T. -0.012 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

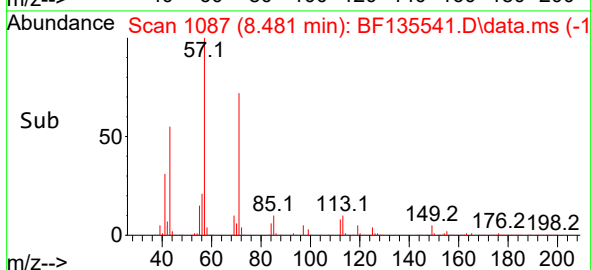
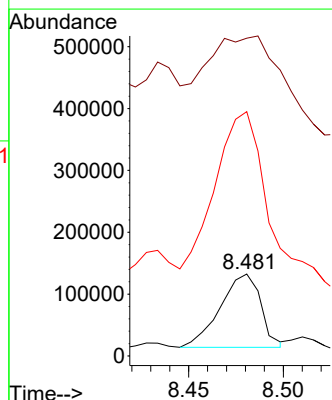
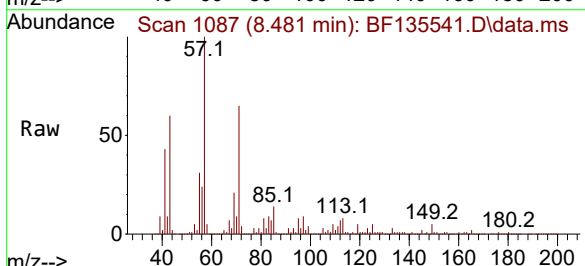
Tgt Ion:113 Resp: 177163

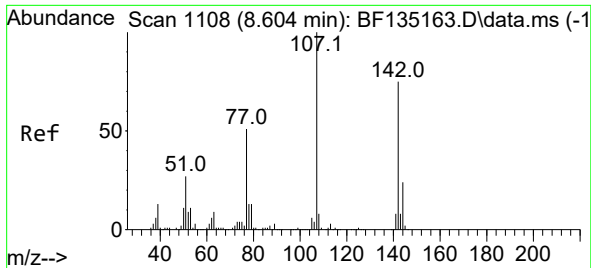
Ion Ratio Lower Upper

113 100

55 388.0 199.3 239.3#

56 298.5 146.3 186.3#

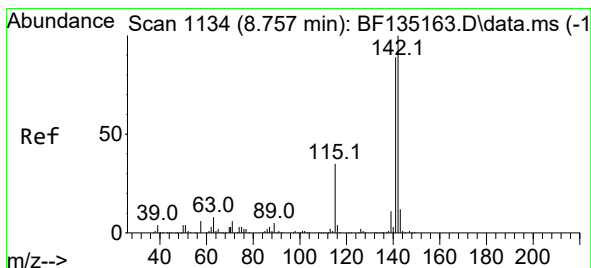
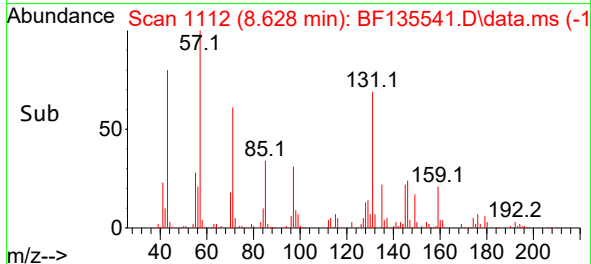
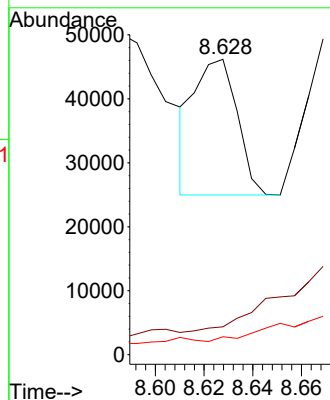
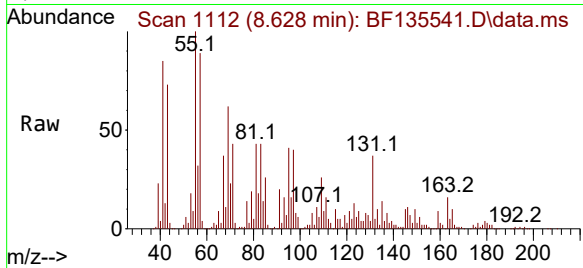




#36
4-Chloro-3-methylphenol
Concen: 8.656 ng
RT: 8.628 min Scan# 1112
Delta R.T. 0.030 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

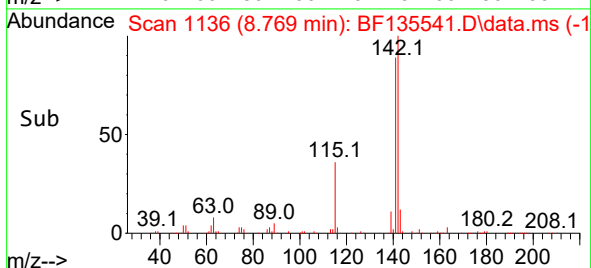
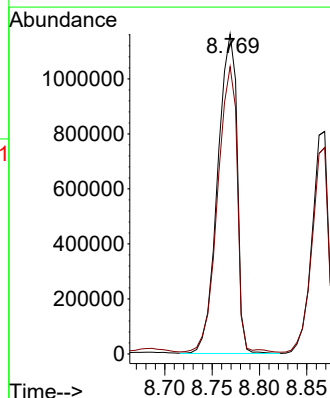
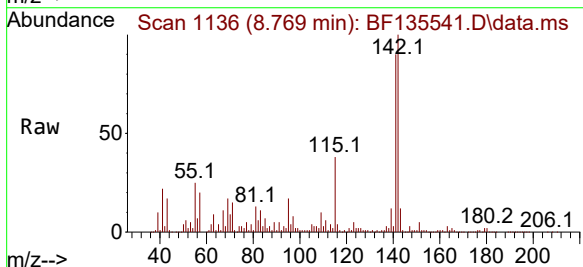
Instrument :
BNA_F
ClientSampleId :
WASTE

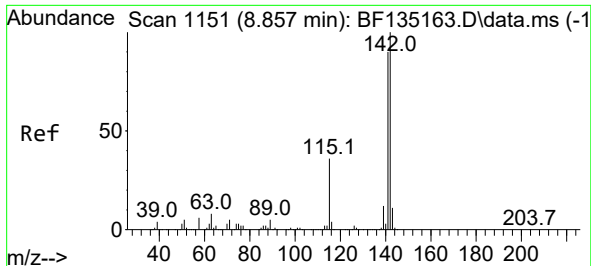
Tgt Ion:107 Resp: 25871
Ion Ratio Lower Upper
107 100
144 9.4 19.0 28.4#
142 6.1 60.2 90.2#



#37
2-Methylnaphthalene
Concen: 256.704 ng
RT: 8.769 min Scan# 1136
Delta R.T. 0.030 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:142 Resp: 1657801
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6





#38

1-Methylnaphthalene

Concen: 162.701 ng

RT: 8.869 min Scan# 1153

Delta R.T. 0.030 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

Instrument :

BNA_F

ClientSampleId :

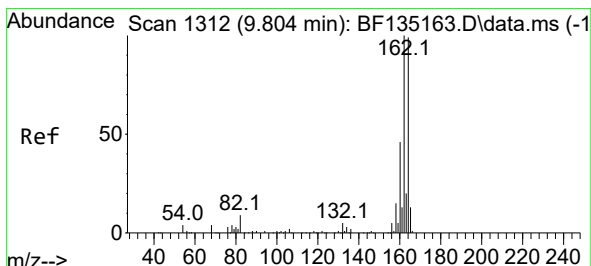
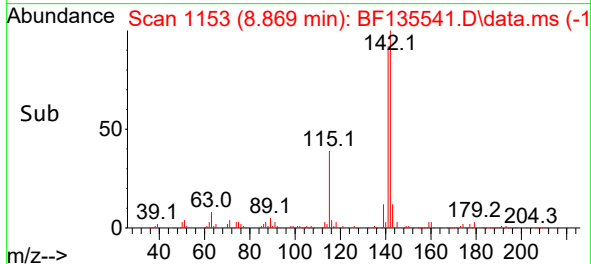
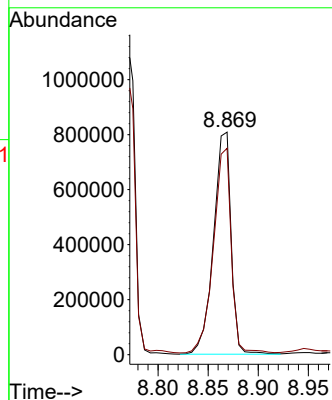
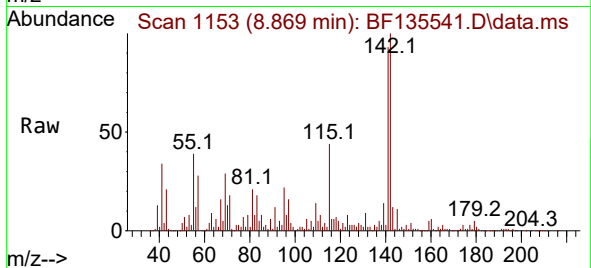
WASTE

Tgt Ion:142 Resp: 983729

Ion Ratio Lower Upper

142 100

141 92.7 72.4 108.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.030 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

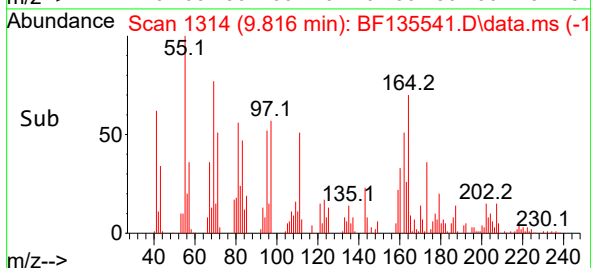
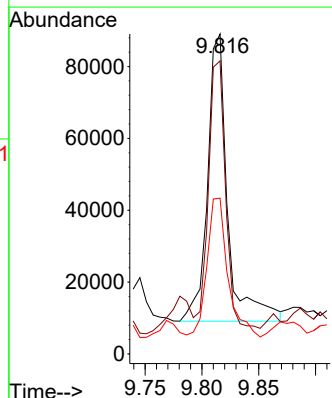
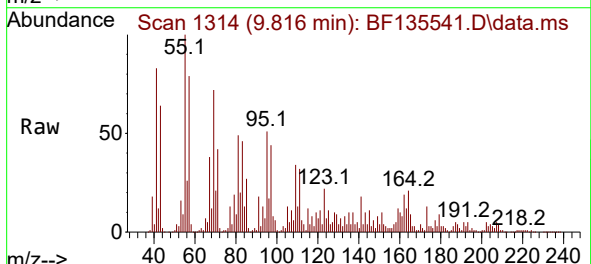
Tgt Ion:164 Resp: 98327

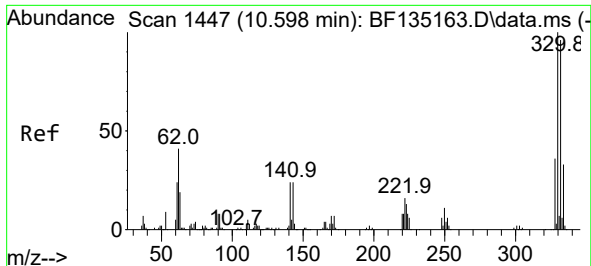
Ion Ratio Lower Upper

164 100

162 91.6 81.0 121.4

160 48.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 68.795 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.030 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

Instrument :

BNA_F

ClientSampleId :

WASTE

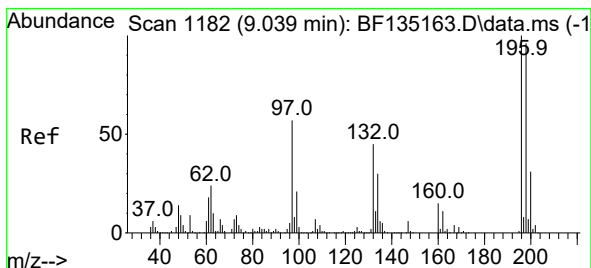
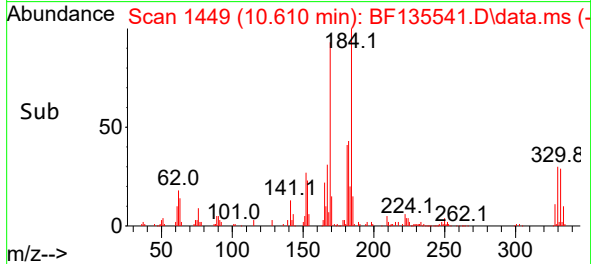
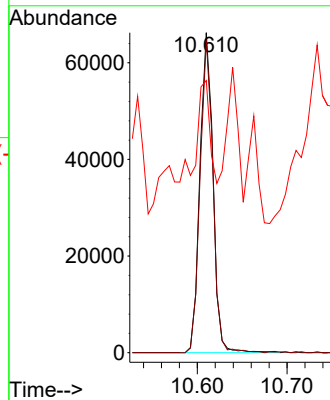
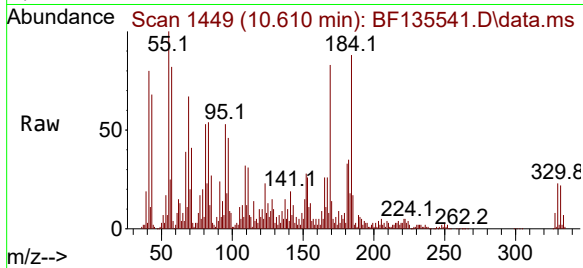
Tgt Ion:330 Resp: 67222

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 35.5 25.8 38.8



#43

2,4,6-Trichlorophenol

Concen: 2.361 ng

RT: 9.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

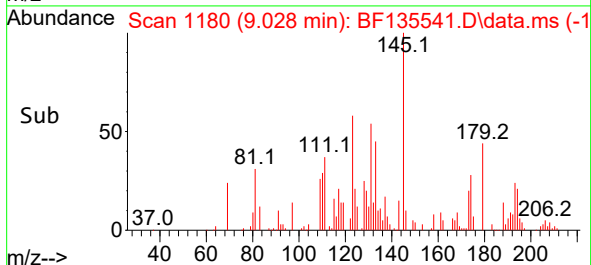
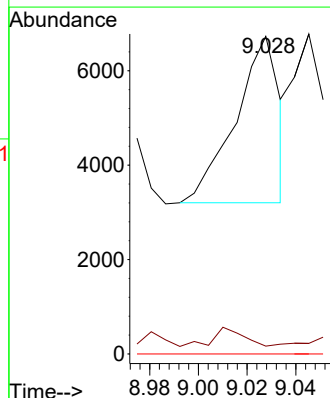
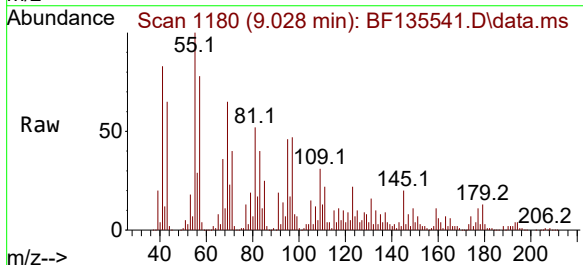
Tgt Ion:196 Resp: 4403

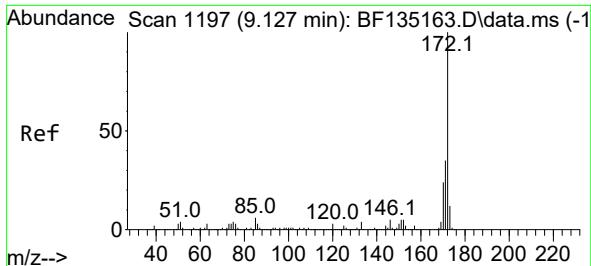
Ion Ratio Lower Upper

196 100

198 2.5 77.0 115.6#

200 0.0 24.5 36.7#

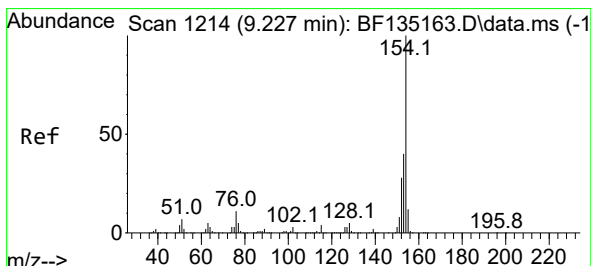
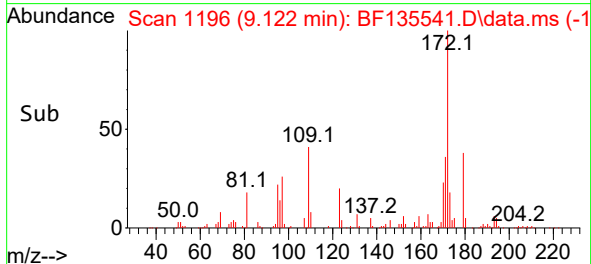
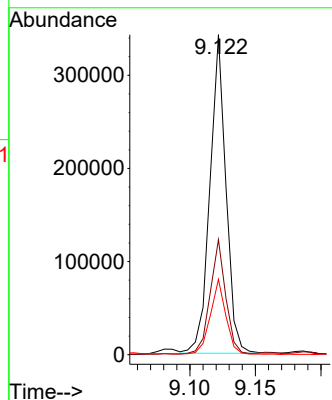
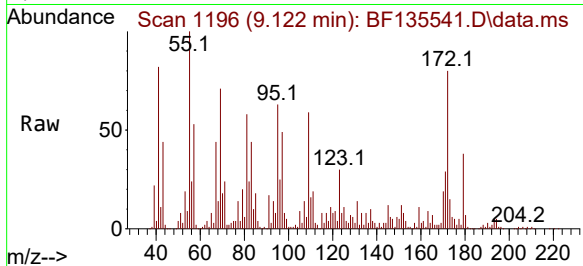




#45
2-Fluorobiphenyl
Concen: 44.716 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

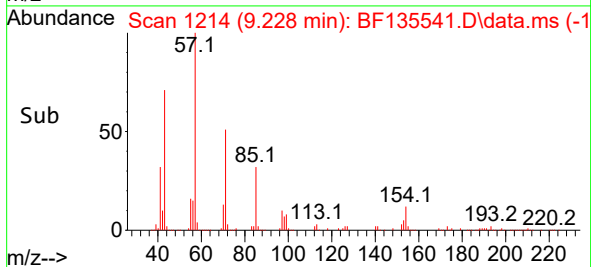
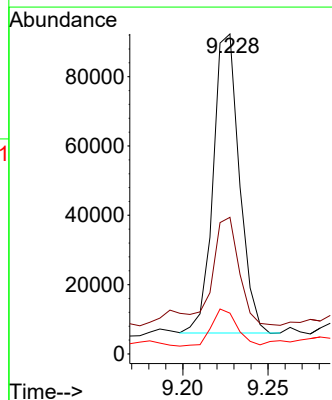
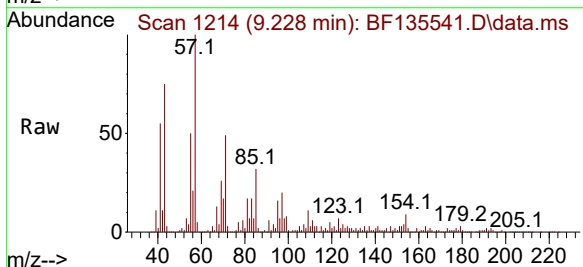
Instrument :
BNA_F
ClientSampleId :
WASTE

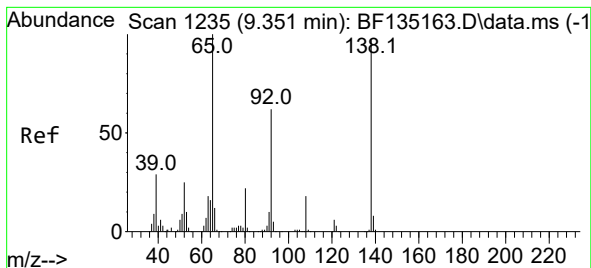
Tgt Ion:172 Resp: 291427
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 12.241 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.018 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:154 Resp: 92500
Ion Ratio Lower Upper
154 100
153 42.7 19.6 59.6
76 12.8 0.0 31.0





#48

2-Nitroaniline

Concen: 6.615 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.012 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

Instrument :

BNA_F

ClientSampleId :

WASTE

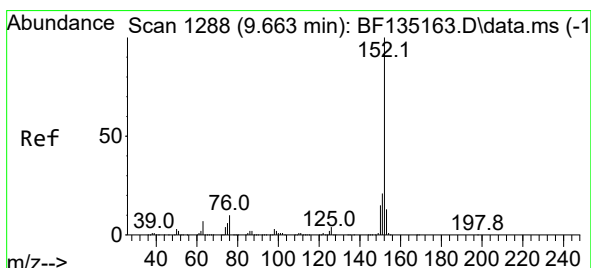
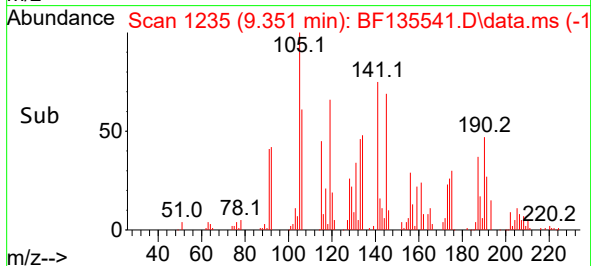
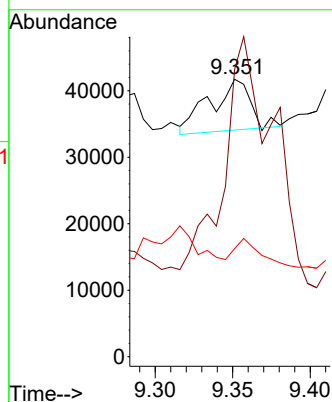
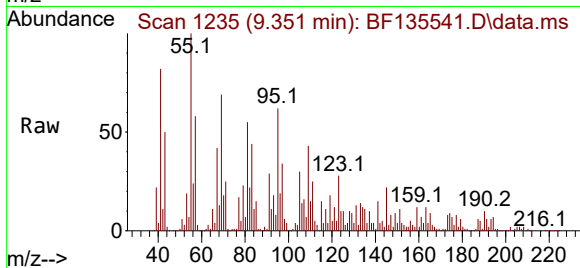
Tgt Ion: 65 Resp: 14090

Ion Ratio Lower Upper

65 100

92 103.5 49.4 74.0#

138 38.9 77.4 116.0#



#49

Acenaphthylene

Concen: 7.613 ng

RT: 9.675 min Scan# 1290

Delta R.T. 0.024 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

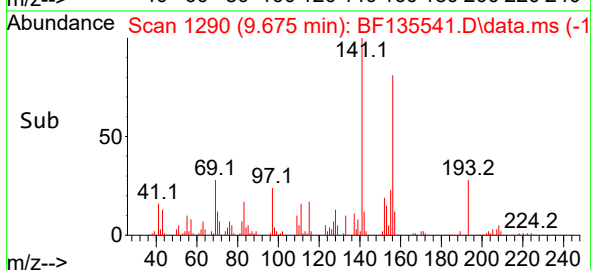
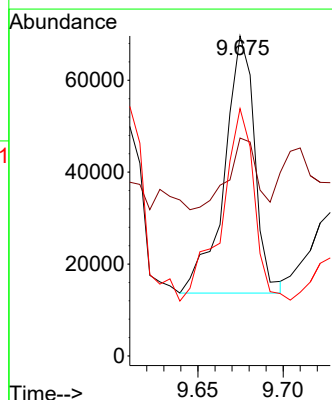
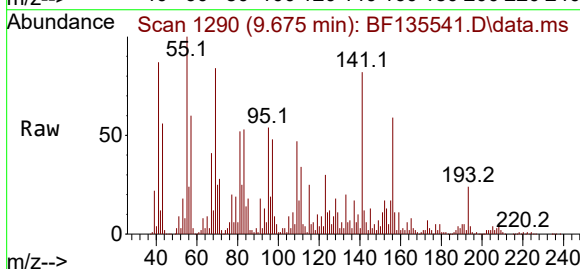
Tgt Ion: 152 Resp: 69367

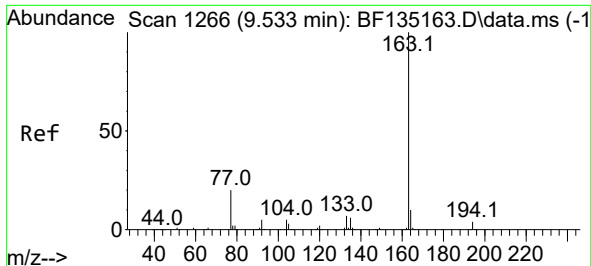
Ion Ratio Lower Upper

152 100

151 68.1 16.4 24.6#

153 77.3 10.4 15.6#

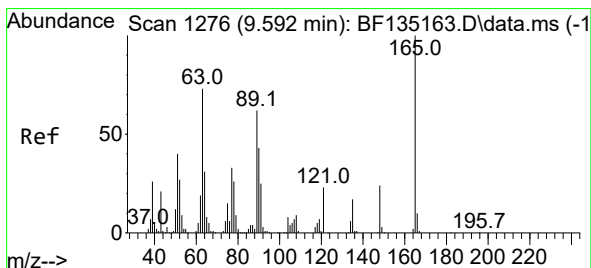
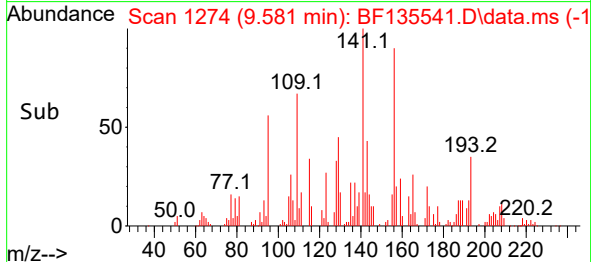
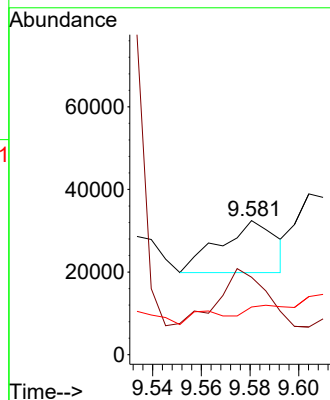
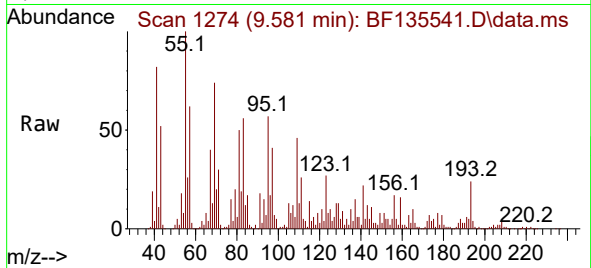




#50
Dimethylphthalate
Concen: 3.028 ng
RT: 9.581 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

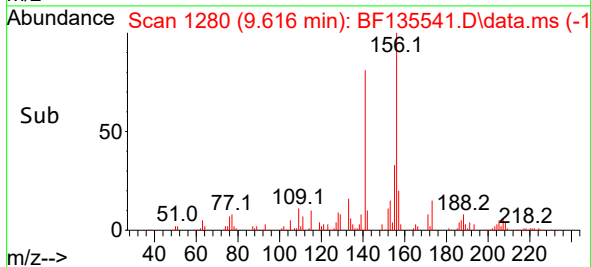
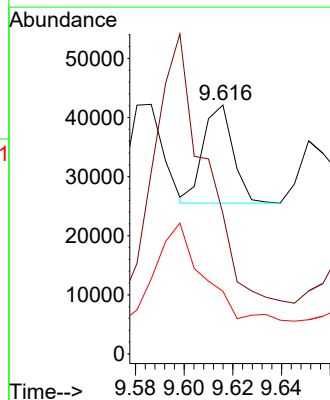
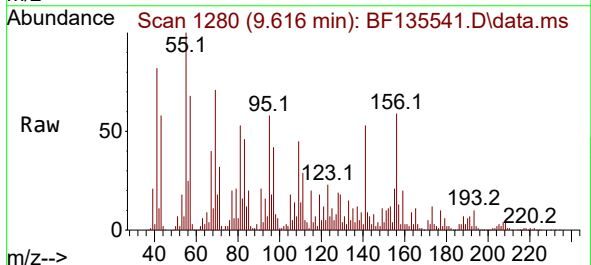
Instrument :
BNA_F
ClientSampleId :
WASTE

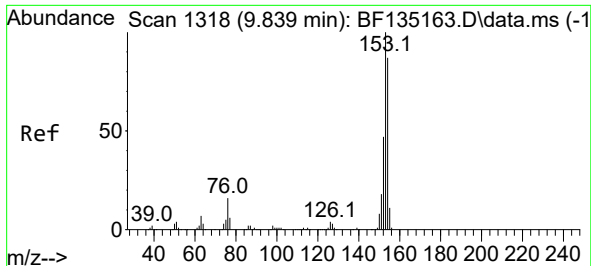
Tgt Ion:163 Resp: 20127
Ion Ratio Lower Upper
163 100
194 57.8 3.1 4.7#
164 35.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.756 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.030 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:165 Resp: 14208
Ion Ratio Lower Upper
165 100
63 56.3 59.4 89.2#
89 25.2 49.8 74.8#

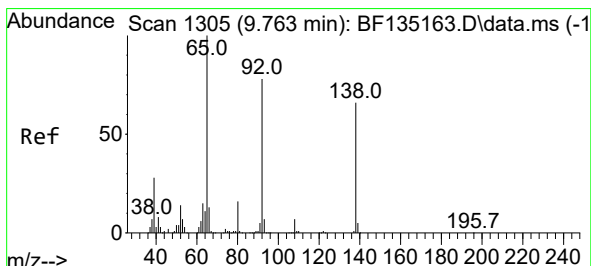
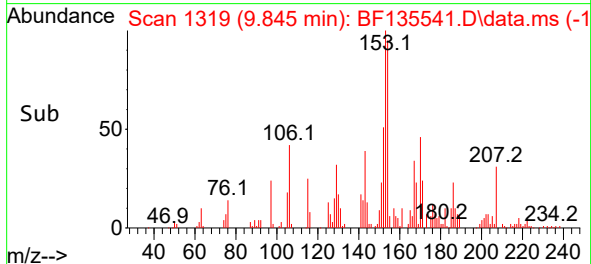
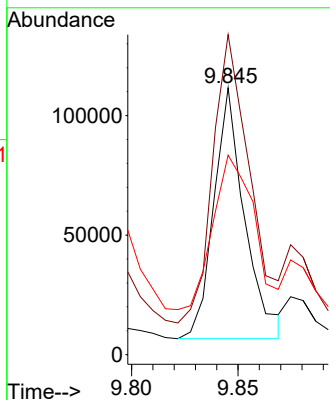
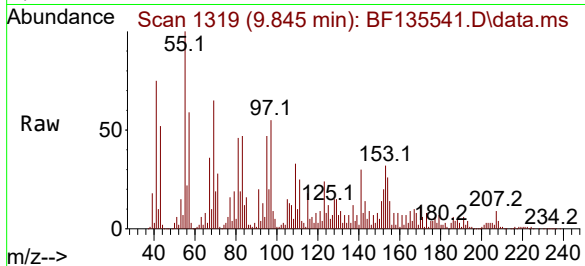




#52
Acenaphthene
Concen: 19.580 ng
RT: 9.845 min Scan# 1318
Delta R.T. 0.024 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

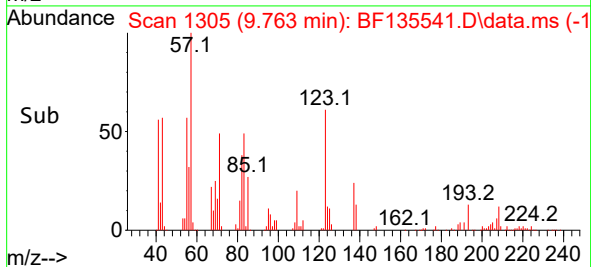
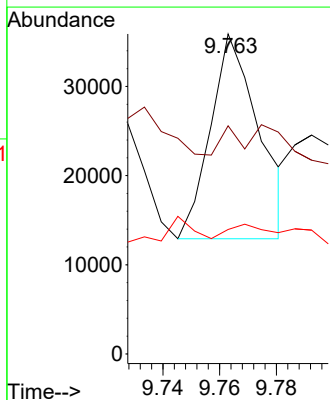
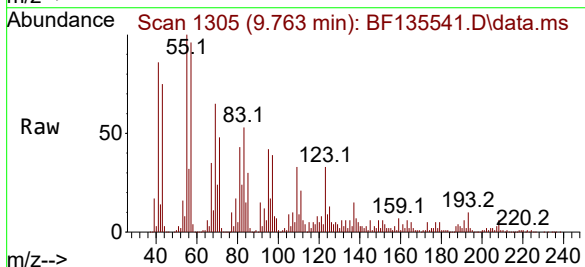
Instrument :
BNA_F
ClientSampleId :
WASTE

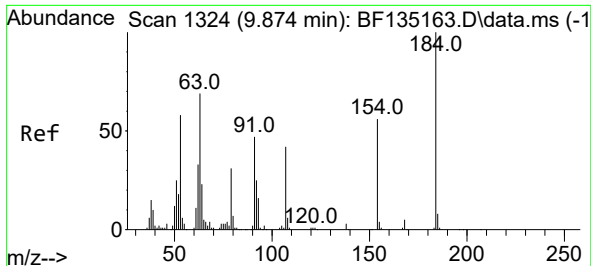
Tgt Ion:154 Resp: 105392
Ion Ratio Lower Upper
154 100
153 119.9 92.1 138.1
152 74.7 43.1 64.7#



#53
3-Nitroaniline
Concen: 15.904 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:138 Resp: 27187
Ion Ratio Lower Upper
138 100
108 71.3 8.5 12.7#
92 38.9 95.4 143.0#

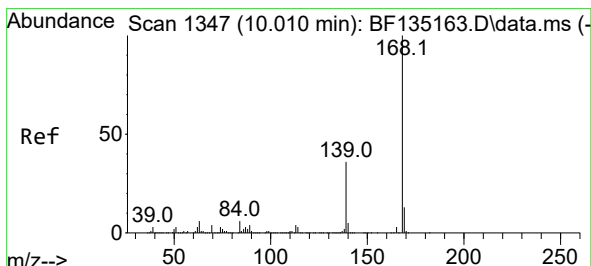
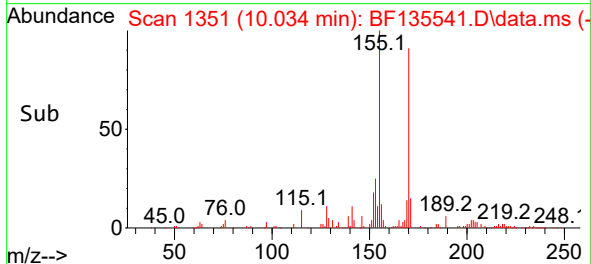
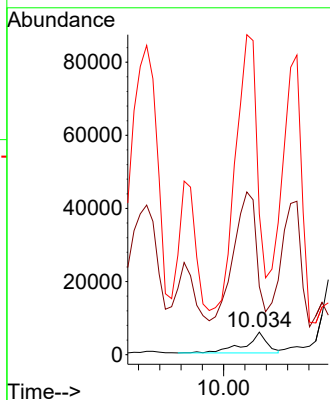
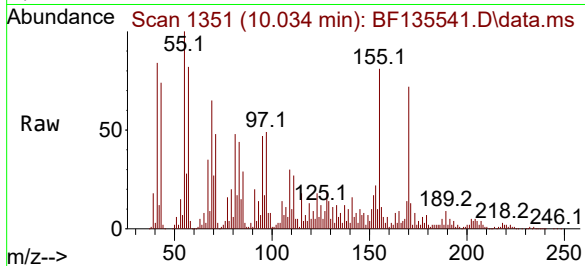




#54
2,4-Dinitrophenol
Concen: 15.282 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.165 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

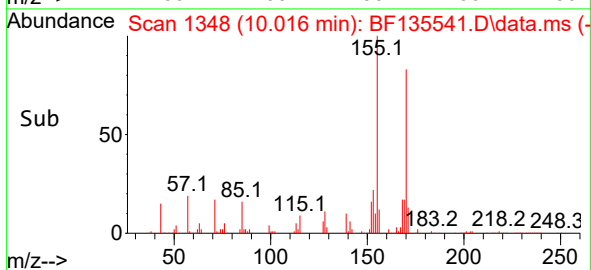
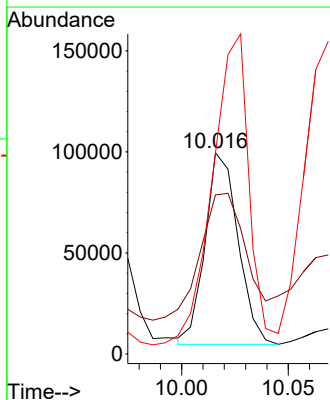
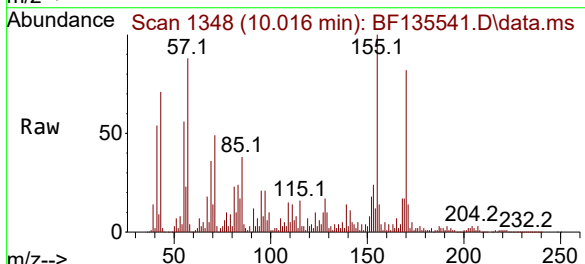
Instrument :
BNA_F
ClientSampleId :
WASTE

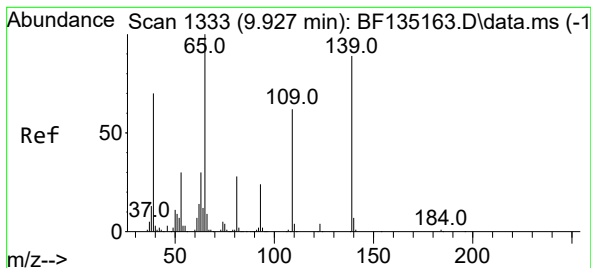
Tgt Ion:184 Resp: 8102
Ion Ratio Lower Upper
184 100
63 301.6 55.1 82.7#
154 623.1 48.4 72.6#



#55
Dibenzofuran
Concen: 12.442 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.024 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:168 Resp: 102193
Ion Ratio Lower Upper
168 100
139 79.0 29.0 43.6#
169 99.9 10.4 15.6#

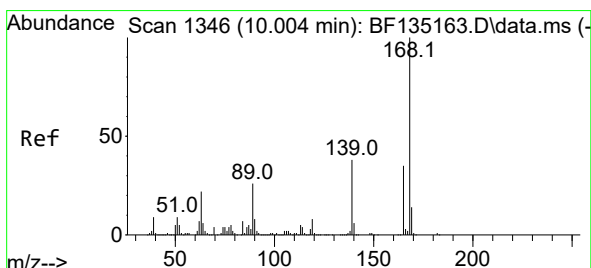
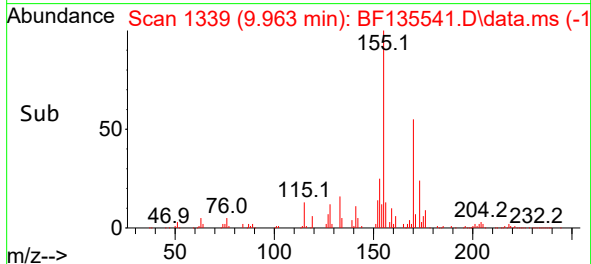
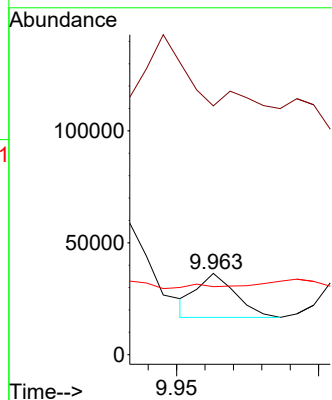
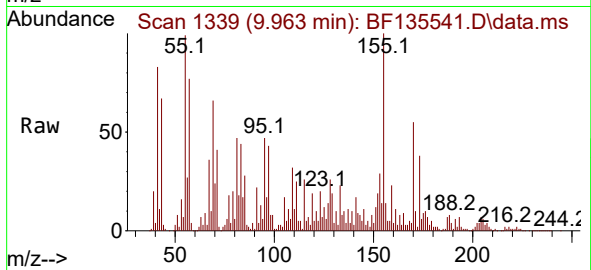




#56
4-Nitrophenol
Concen: 17.012 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.030 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

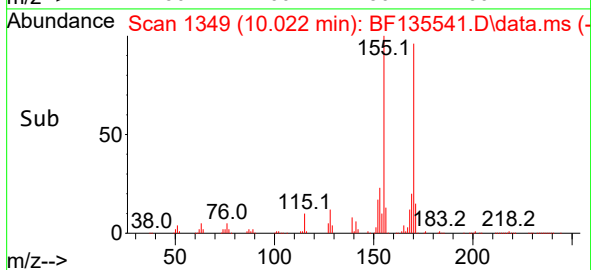
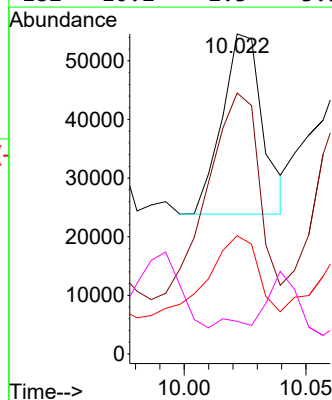
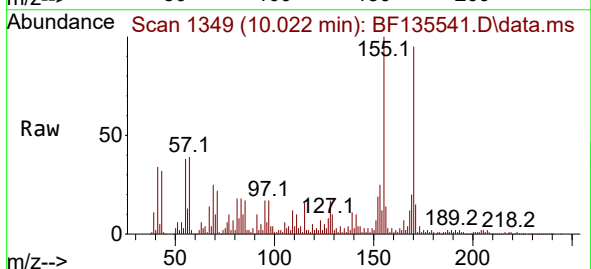
Instrument :
BNA_F
ClientSampleId :
WASTE

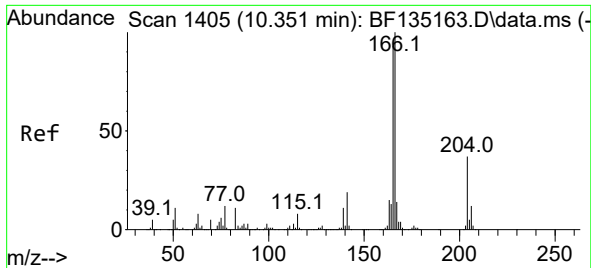
Tgt Ion:139 Resp: 18483
Ion Ratio Lower Upper
139 100
109 306.2 49.8 89.8#
65 83.7 92.7 132.7#



#57
2,4-Dinitrotoluene
Concen: 19.569 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.030 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:165 Resp: 35678
Ion Ratio Lower Upper
165 100
63 81.6 50.1 75.1#
89 37.0 59.3 88.9#
182 10.2 2.3 3.5#

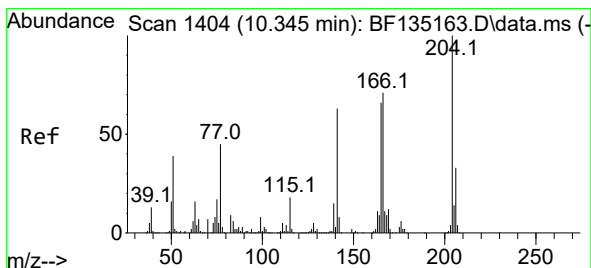
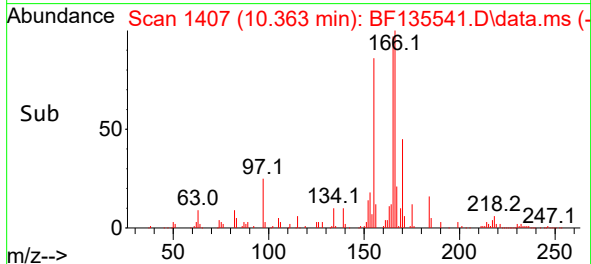
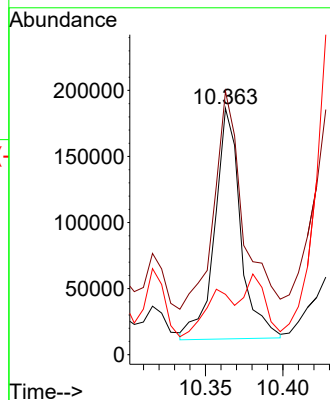
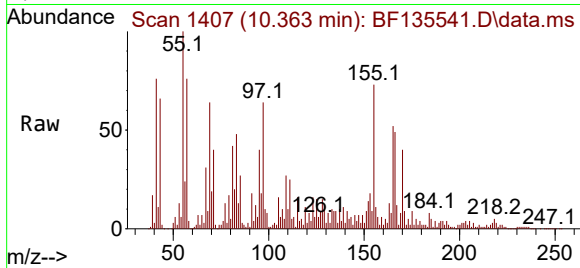




#58
Fluorene
Concen: 32.066 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.024 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

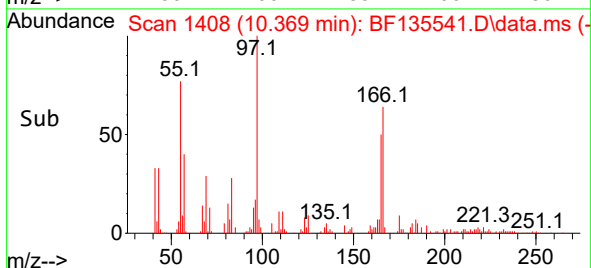
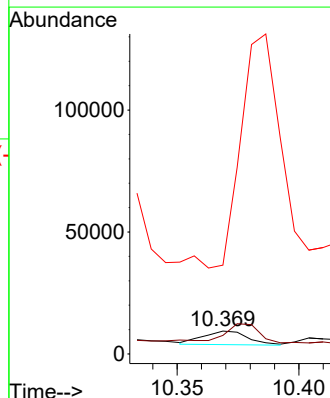
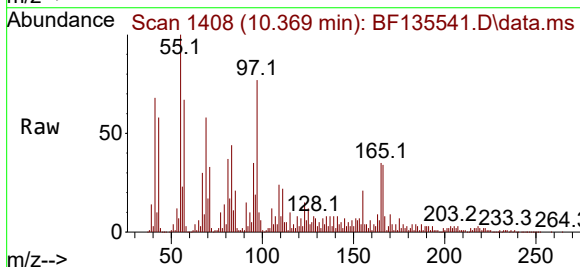
Instrument :
BNA_F
ClientSampleId :
WASTE

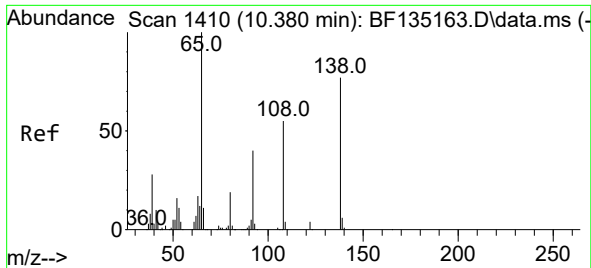
Tgt Ion:166 Resp: 202477
Ion Ratio Lower Upper
166 100
165 107.0 74.3 111.5
167 24.5 10.9 16.3#



#61
4-Chlorophenyl-phenylether
Concen: 2.338 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.041 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:204 Resp: 7093
Ion Ratio Lower Upper
204 100
206 81.4 26.7 40.1#
141 388.9 50.6 75.8#

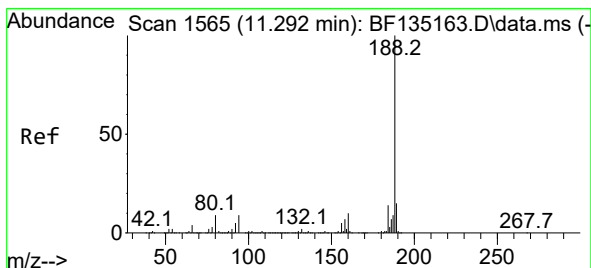
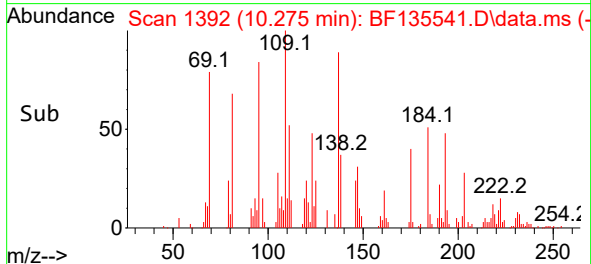
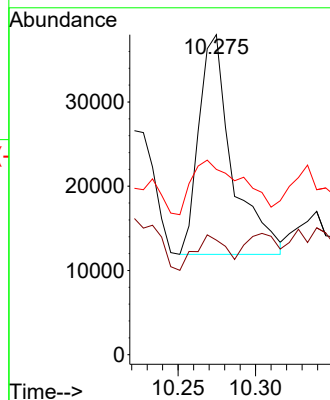
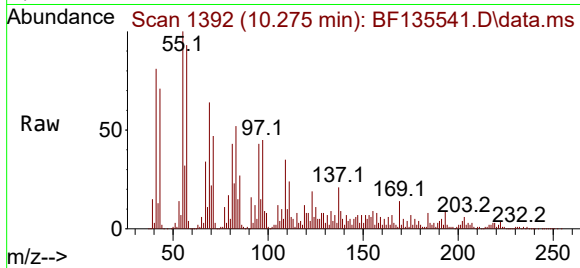




#62
4-Nitroaniline
Concen: 23.719 ng
RT: 10.275 min Scan# 11
Delta R.T. -0.100 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

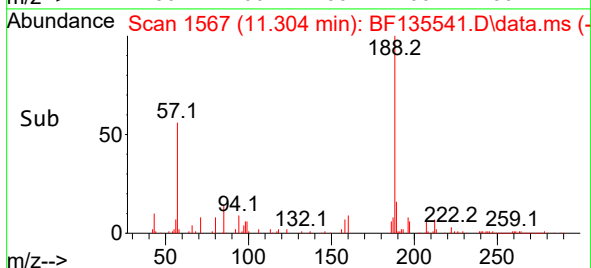
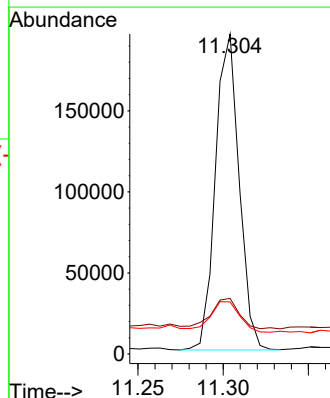
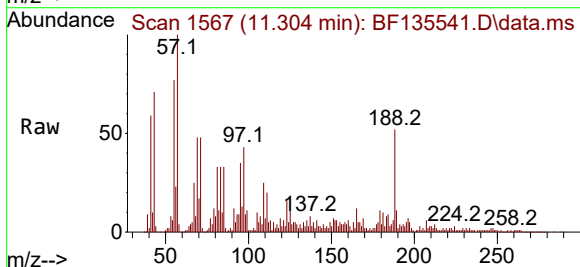
Instrument :
BNA_F
ClientSampleId :
WASTE

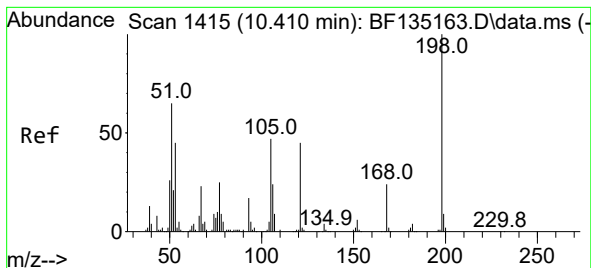
Tgt Ion:138 Resp: 38976
Ion Ratio Lower Upper
138 100
92 35.8 31.8 71.8
108 57.9 52.0 92.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. 0.030 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:188 Resp: 188378
Ion Ratio Lower Upper
188 100
94 17.4 7.0 10.6#
80 16.3 7.5 11.3#

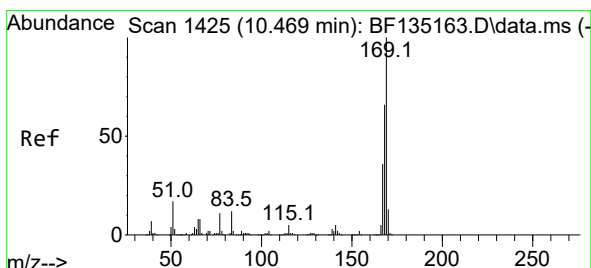
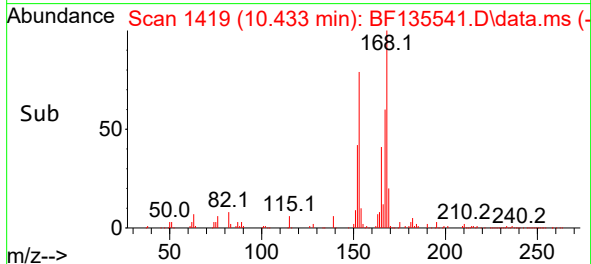
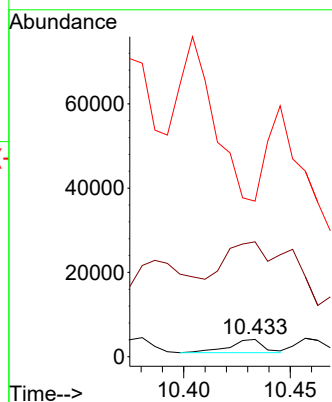
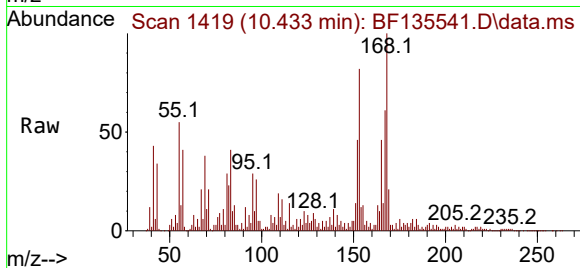




#65
4,6-Dinitro-2-methylphenol
Concen: 3.512 ng
RT: 10.433 min Scan# 1415
Delta R.T. 0.030 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

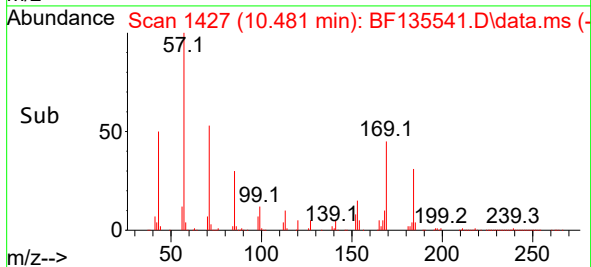
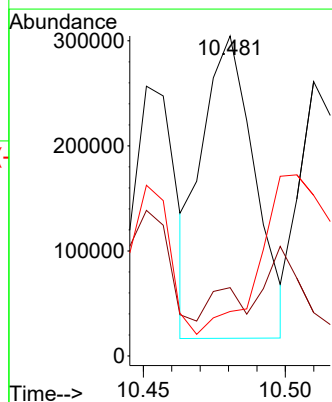
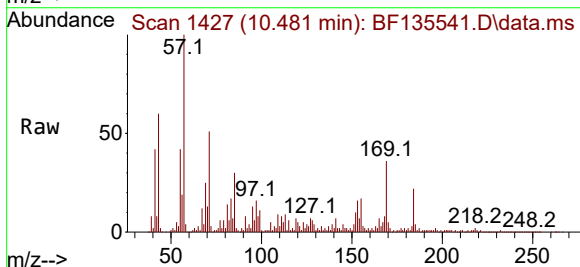
Instrument :
BNA_F
ClientSampleId :
WASTE

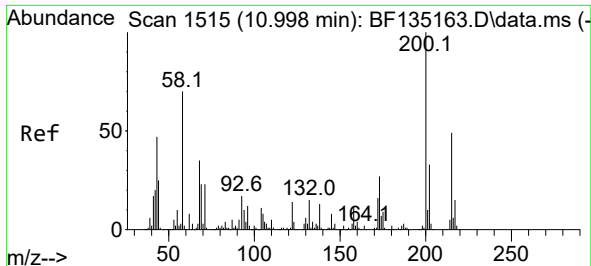
Tgt Ion:198 Resp: 3514
Ion Ratio Lower Upper
198 100
51 664.4 47.7 87.7#
105 899.4 27.4 67.4#



#66
n-Nitrosodiphenylamine
Concen: 65.096 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.030 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:169 Resp: 371247
Ion Ratio Lower Upper
169 100
168 21.4 52.8 79.2#
167 13.9 29.0 43.6#

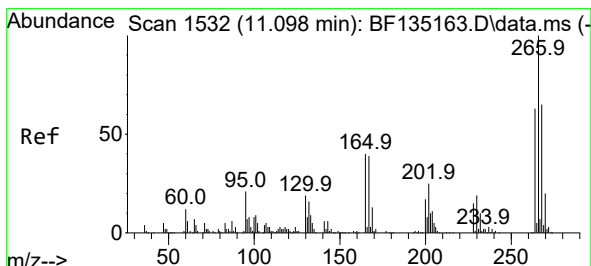
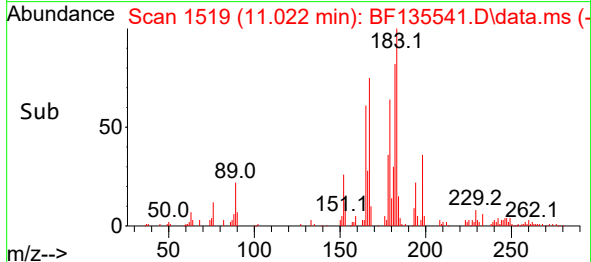
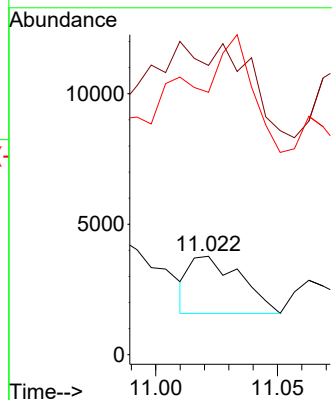
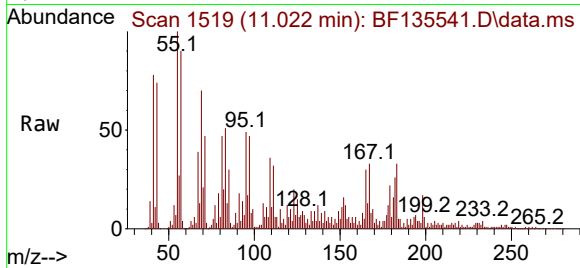




#69
Atrazine
Concen: 2.060 ng
RT: 11.022 min Scan# 1519
Delta R.T. 0.035 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

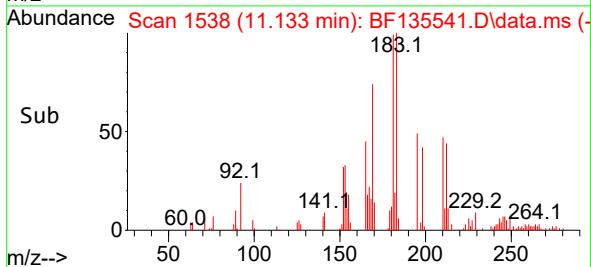
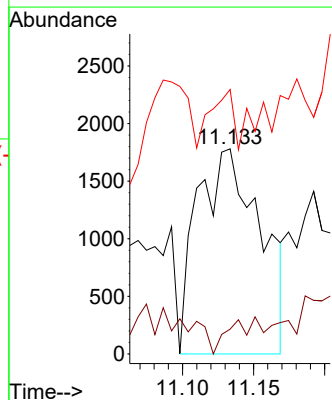
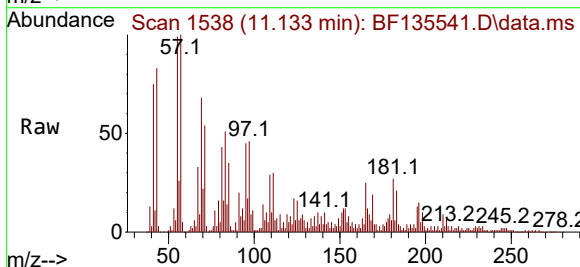
Instrument :
BNA_F
ClientSampleId :
WASTE

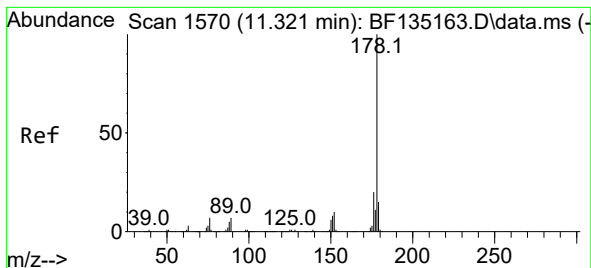
Tgt Ion:200 Resp: 3161
Ion Ratio Lower Upper
200 100
173 294.0 7.4 47.4#
215 266.7 28.6 68.6#



#70
Pentachlorophenol
Concen: 4.827 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.047 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:266 Resp: 5512
Ion Ratio Lower Upper
266 100
268 12.1 52.1 78.1#
264 128.9 50.8 76.2#





#71

Phenanthrene

Concen: 79.557 ng

RT: 11.328 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

Instrument :

BNA_F

ClientSampleId :

WASTE

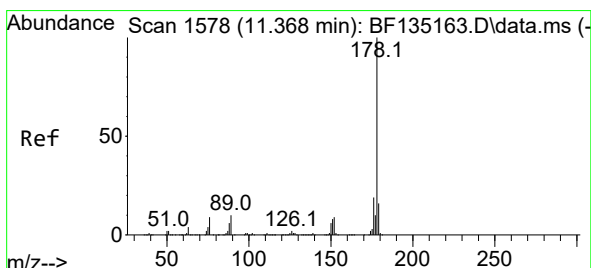
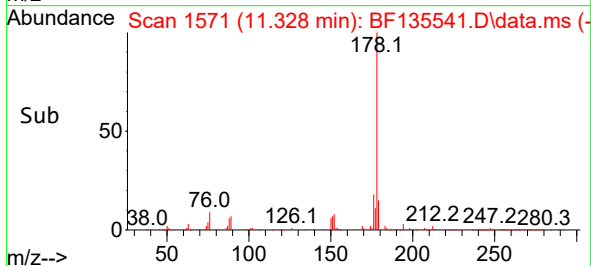
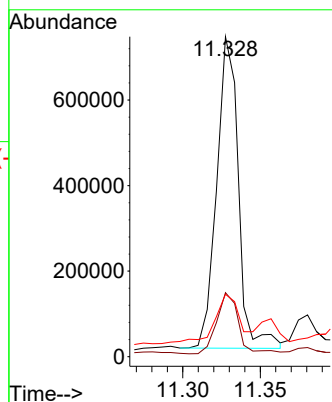
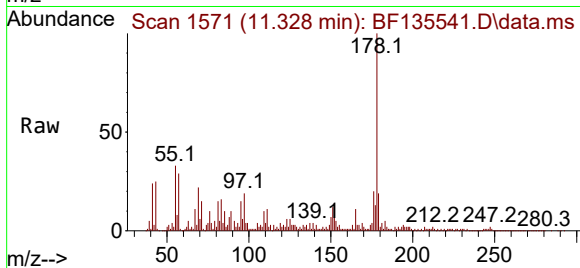
Tgt Ion:178 Resp: 708809

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

179 19.5 12.0 18.0#



#72

Anthracene

Concen: 8.696 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.024 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

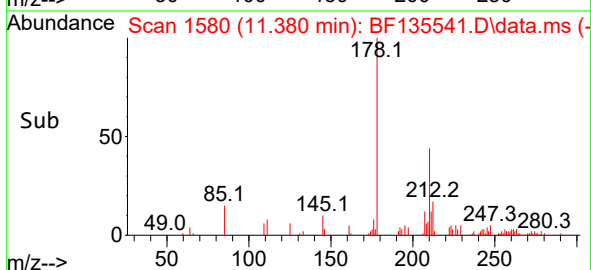
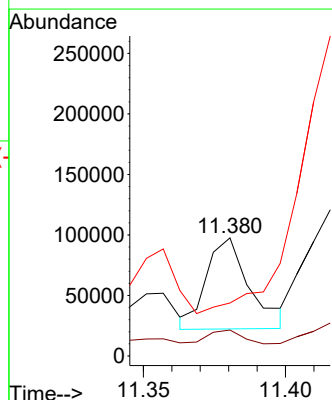
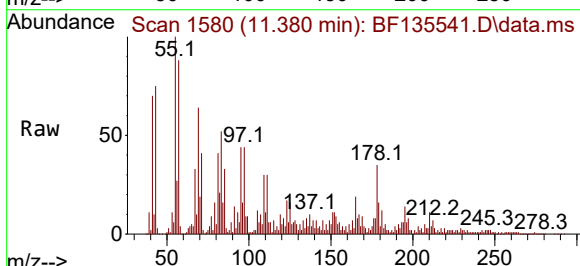
Tgt Ion:178 Resp: 79635

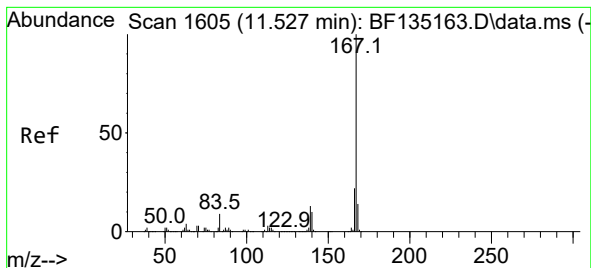
Ion Ratio Lower Upper

178 100

176 21.9 15.4 23.2

179 44.8 12.6 19.0#





#73

Carbazole

Concen: 2.541 ng

RT: 11.533 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

Instrument :

BNA_F

ClientSampleId :

WASTE

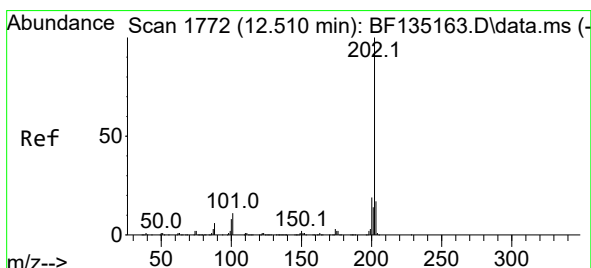
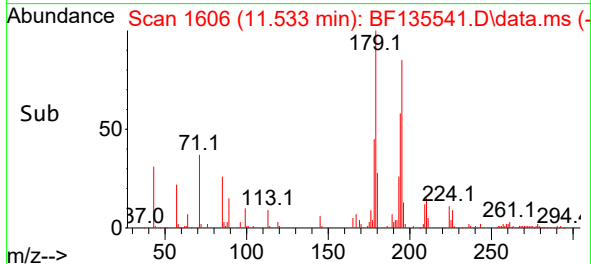
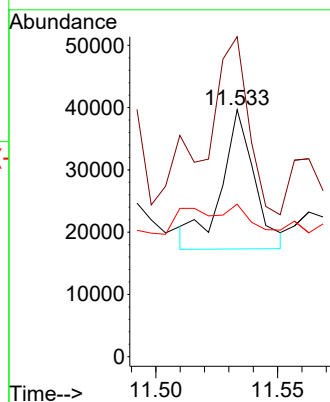
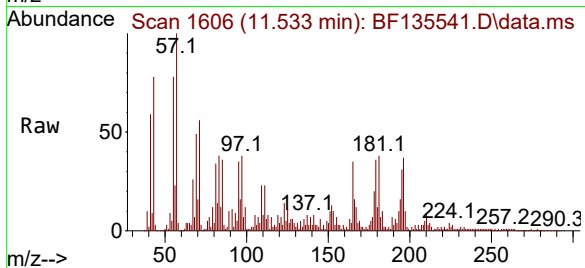
Tgt Ion:167 Resp: 21185

Ion Ratio Lower Upper

167 100

166 129.5 17.4 26.0#

139 61.7 10.6 15.8#



#75

Fluoranthene

Concen: 24.369 ng

RT: 12.510 min Scan# 1772

Delta R.T. 0.012 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

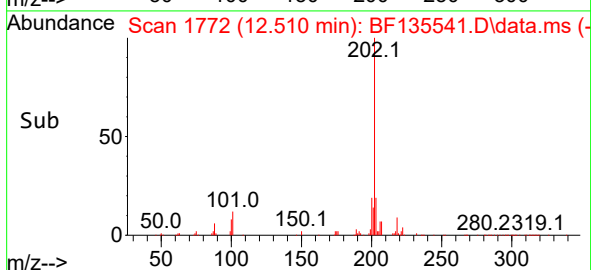
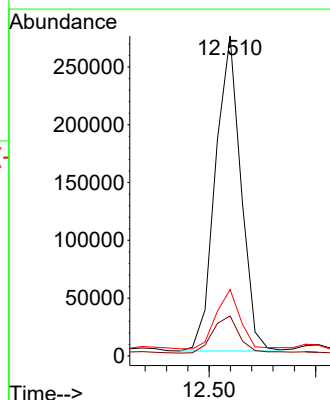
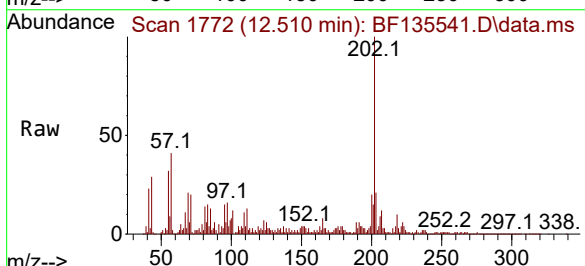
Tgt Ion:202 Resp: 226228

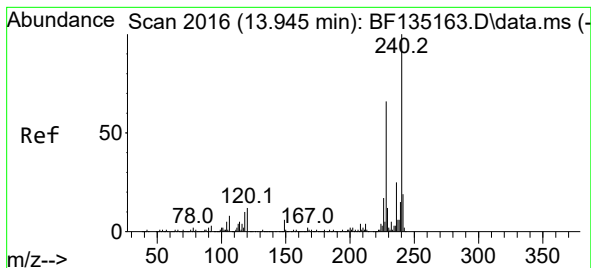
Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.3

203 20.7 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

Instrument :

BNA_F

ClientSampleId :

WASTE

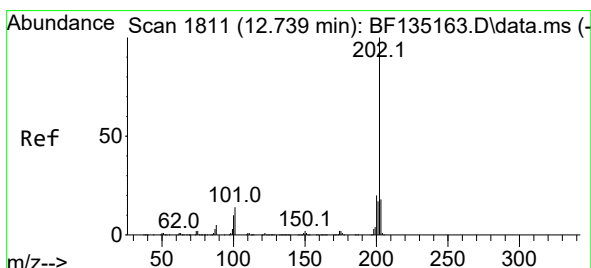
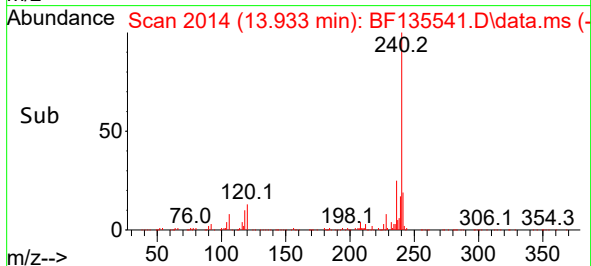
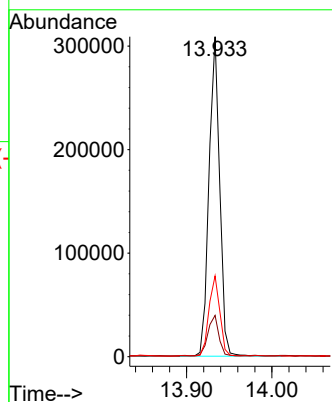
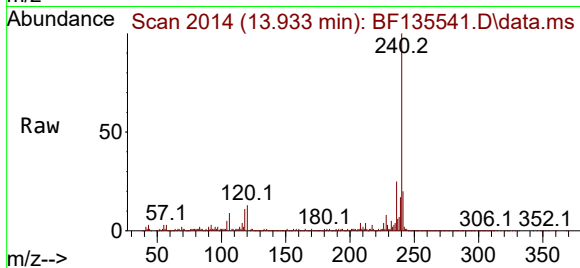
Tgt Ion:240 Resp: 268251

Ion Ratio Lower Upper

240 100

120 12.9 9.4 14.2

236 25.3 19.8 29.8



#78

Pyrene

Concen: 11.116 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.012 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

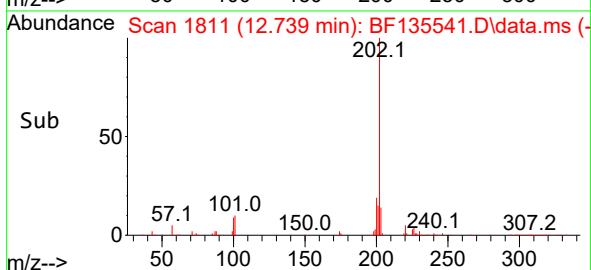
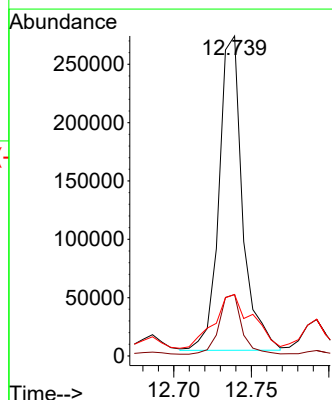
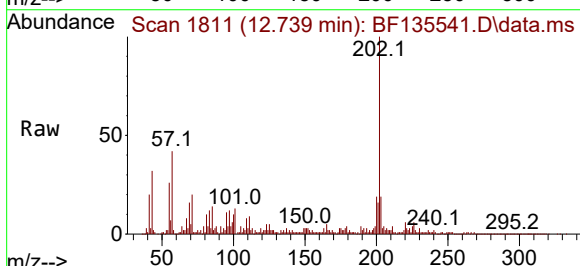
Tgt Ion:202 Resp: 283898

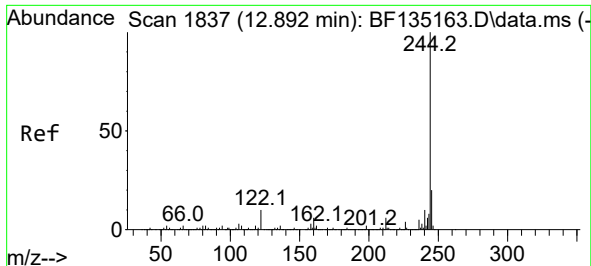
Ion Ratio Lower Upper

202 100

200 19.2 16.2 24.2

203 19.2 14.2 21.4

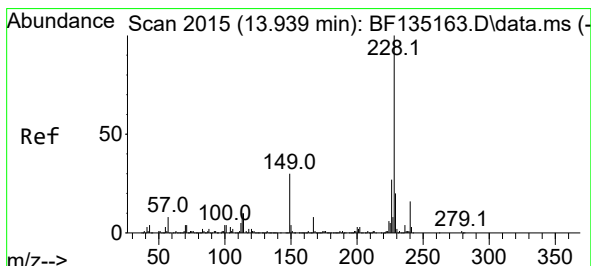
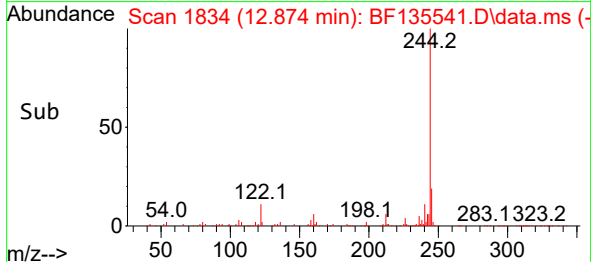
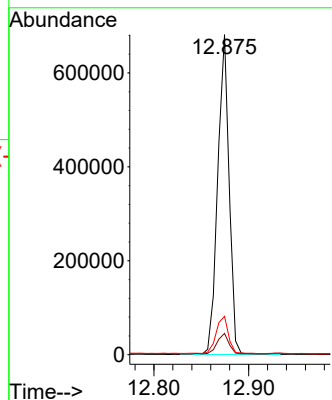
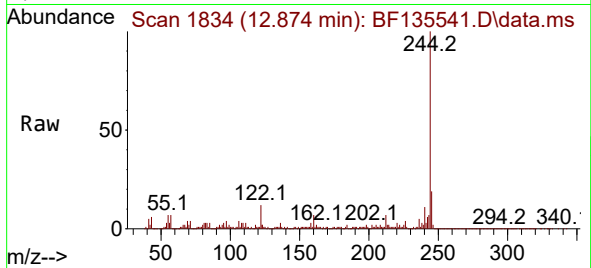




#79
 Terphenyl-d14
 Concen: 32.894 ng
 RT: 12.874 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135541.D
 Acq: 02 Oct 2023 22:29

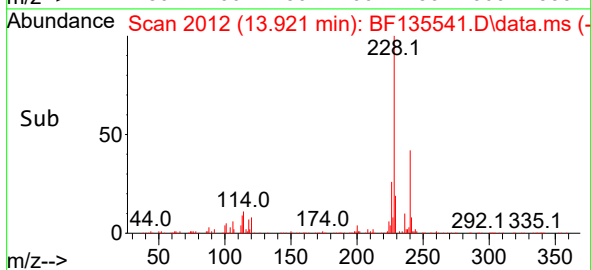
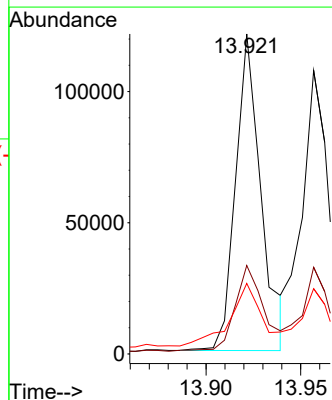
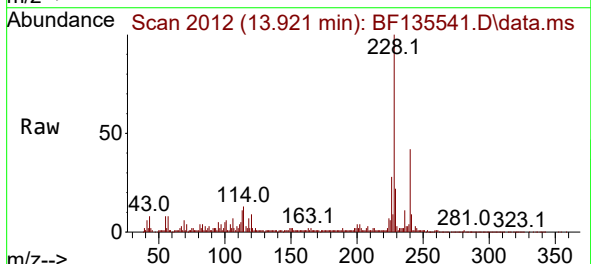
Instrument :
 BNA_F
 ClientSampleId :
 WASTE

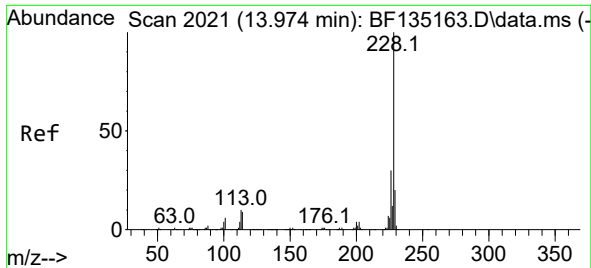
Tgt Ion:244 Resp: 569218
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.0 7.9 11.9#



#81
 Benzo(a)anthracene
 Concen: 6.488 ng
 RT: 13.921 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: BF135541.D
 Acq: 02 Oct 2023 22:29

Tgt Ion:228 Resp: 112382
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.7 32.5
 229 22.1 15.8 23.8

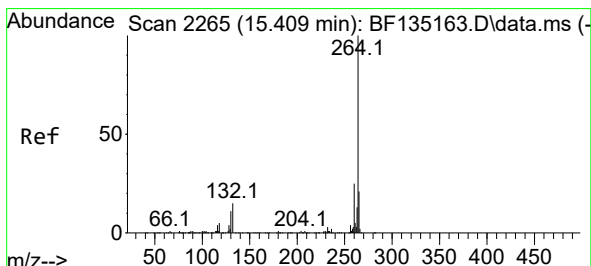
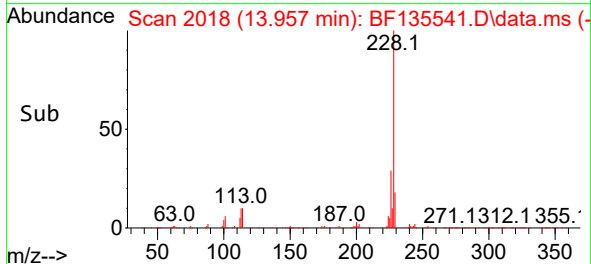
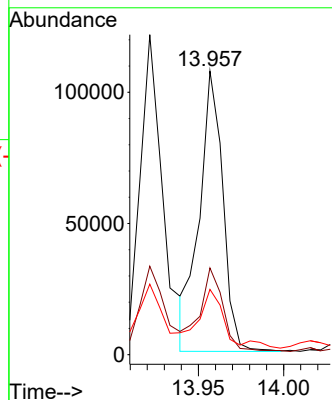
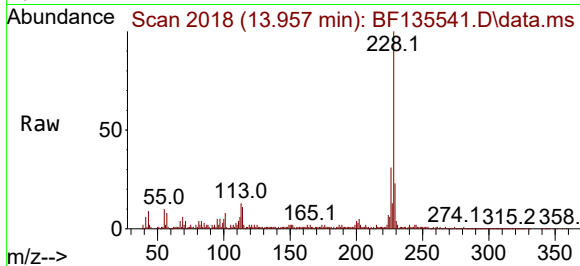




#83
Chrysene
Concen: 5.947 ng
RT: 13.957 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

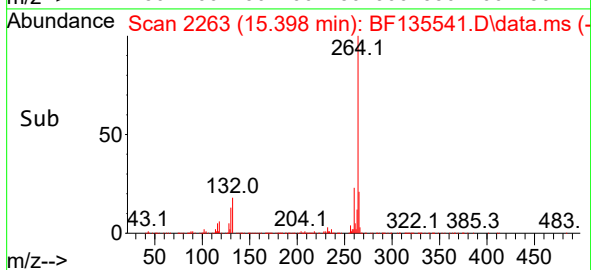
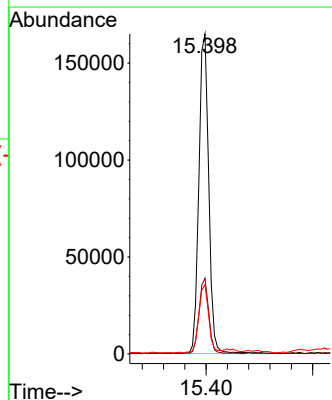
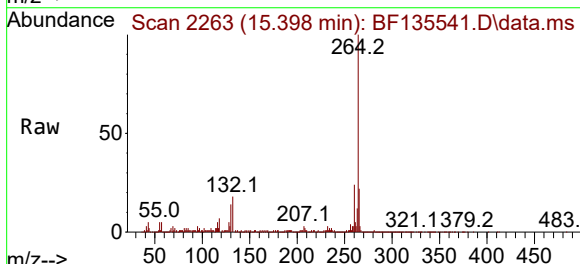
Instrument :
BNA_F
ClientSampleId :
WASTE

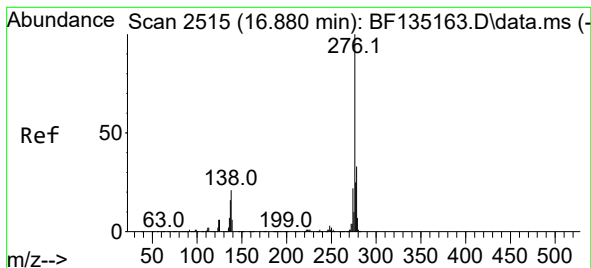
Tgt Ion:228 Resp: 102416
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 23.0 16.0 24.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:264 Resp: 211530
Ion Ratio Lower Upper
264 100
260 23.6 19.8 29.6
265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.146 ng

RT: 16.880 min Scan# 2191

Delta R.T. 0.000 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

Instrument :

BNA_F

ClientSampleId :

WASTE

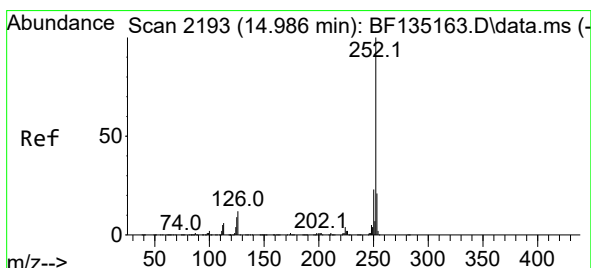
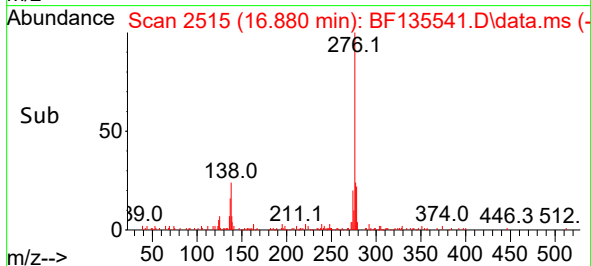
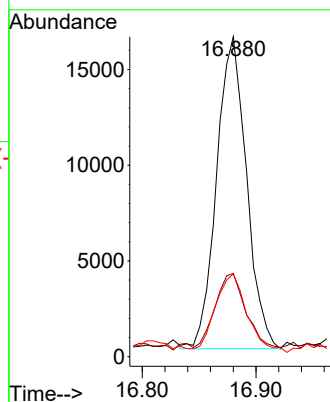
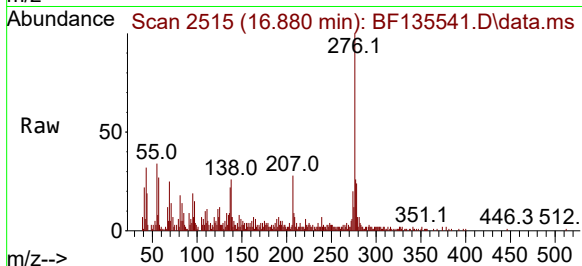
Tgt Ion:276 Resp: 29769

Ion Ratio Lower Upper

276 100

138 26.5 19.2 28.8

277 26.6 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 9.871 ng

RT: 14.974 min Scan# 2191

Delta R.T. 0.006 min

Lab File: BF135541.D

Acq: 02 Oct 2023 22:29

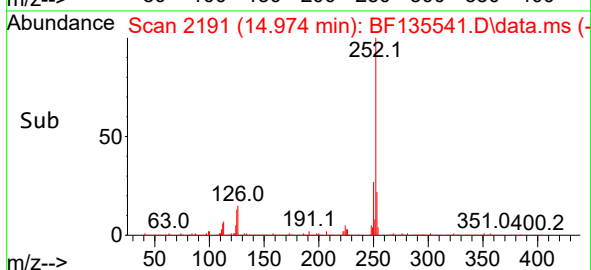
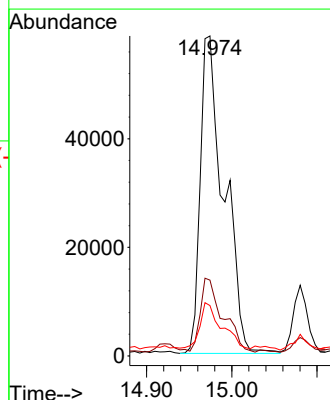
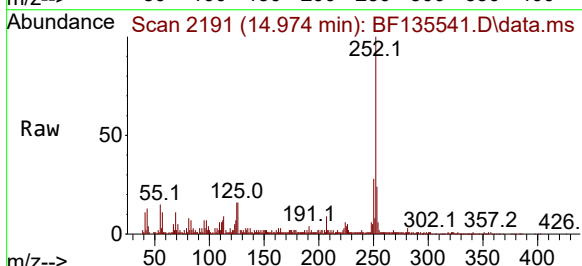
Tgt Ion:252 Resp: 113031

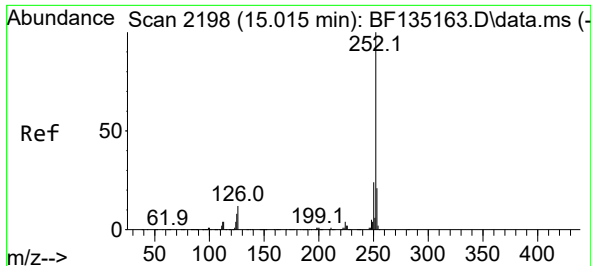
Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

125 15.7 7.1 10.7#

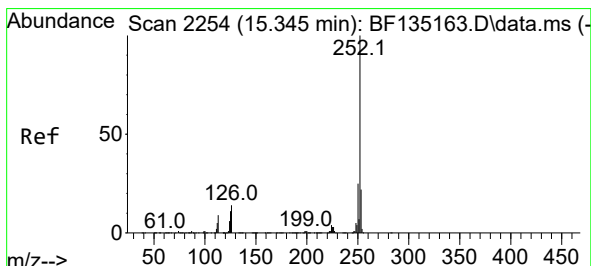
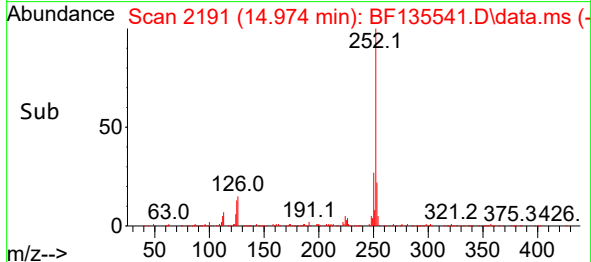
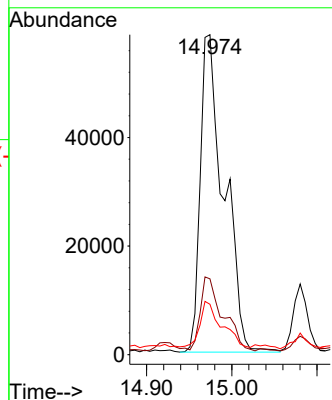
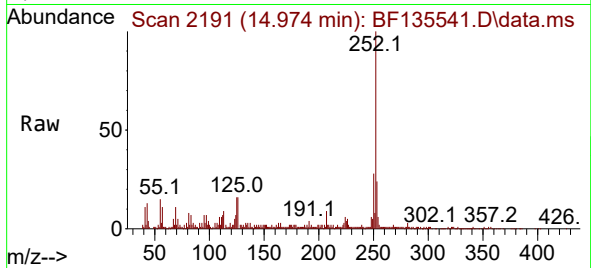




#89
Benzo(k)fluoranthene
Concen: 9.993 ng
RT: 14.974 min Scan# 2198
Delta R.T. -0.023 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

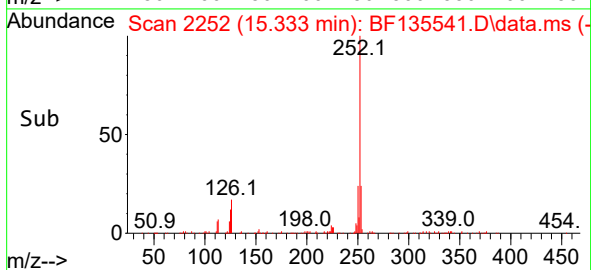
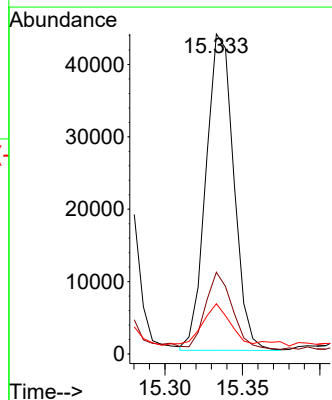
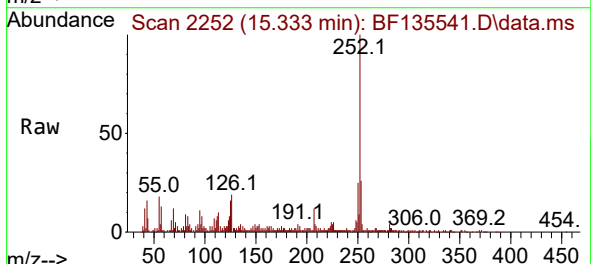
Instrument :
BNA_F
ClientSampleId :
WASTE

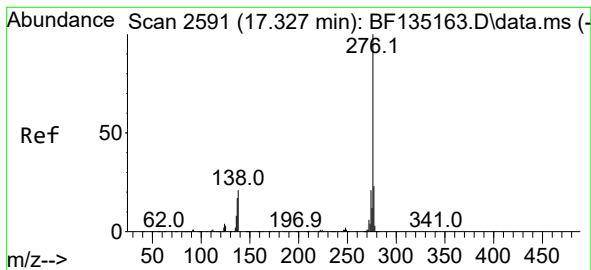
Tgt Ion:252 Resp: 113031
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 15.7 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 5.000 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BF135541.D
Acq: 02 Oct 2023 22:29

Tgt Ion:252 Resp: 54603
Ion Ratio Lower Upper
252 100
253 25.5 17.5 26.3
125 15.7 9.2 13.8#





#92

Benzo(g,h,i)perylene

Concen: 2.550 ng

RT: 17.327 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF135541.D

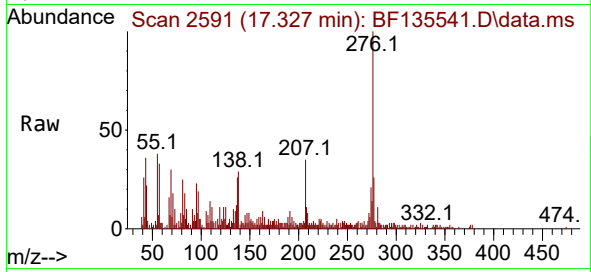
Acq: 02 Oct 2023 22:29

Instrument :

BNA_F

ClientSampleId :

WASTE



Tgt Ion:276 Resp: 30219

Ion Ratio Lower Upper

276 100

277 25.9 18.8 28.2

138 29.4 16.9 25.3#

