

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130858.D
 Acq On : 29 Oct 2022 15:44
 Operator : CG\JU
 Sample : N5267-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP6-1024

Quant Time: Oct 30 23:24:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	83973	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	238558	20.000	ng	# 0.01
39) Acenaphthene-d10	10.016	164	107949	20.000	ng	0.02
64) Phenanthrene-d10	11.510	188	165952	20.000	ng	# 0.02
76) Chrysene-d12	14.139	240	178881	20.000	ng	0.00
86) Perylene-d12	15.651	264	144113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	521517	107.666	ng	0.00
7) Phenol-d6	6.557	99	650852	103.400	ng	0.00
23) Nitrobenzene-d5	7.510	82	397158	100.387	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	100185	110.249	ng	0.02
45) 2-Fluorobiphenyl	9.328	172	516810	72.382	ng	0.02
79) Terphenyl-d14	13.086	244	531487	54.445	ng	0.01
Target Compounds						
15) Benzyl Alcohol	7.098	79	10907	2.038	ng	# 46
18) Hexachloroethane	7.486	117	125460	55.932	ng	# 1
19) n-Nitroso-di-n-propyla...	7.375	70	53013	12.378	ng	# 70
22) Acetophenone	7.339	105	25486	4.406	ng	# 1
24) Nitrobenzene	7.522	77	29877	6.906	ng	# 45
25) Isophorone	7.769	82	158365	19.411	ng	# 1
26) 2-Nitrophenol	7.857	139	16805	13.096	ng	# 1
27) 2,4-Dimethylphenol	7.898	122	27296	8.039	ng	# 1
28) bis(2-Chloroethoxy)met...	7.981	93	9557	2.098	ng	# 1
29) 2,4-Dichlorophenol	8.075	162	21598	6.184	ng	# 6
31) Naphthalene	8.263	128	268774	21.594	ng	# 75
32) Benzoic acid	8.033	122	23159	15.742	ng	# 13
35) Caprolactam	8.681	113	268280	239.687	ng	# 71
36) 4-Chloro-3-methylphenol	8.945	107	27531	7.267	ng	90
37) 2-Methylnaphthalene	8.975	142	931396	118.968	ng	99
38) 1-Methylnaphthalene	9.075	142	999228	131.148	ng	99
43) 2,4,6-Trichlorophenol	9.239	196	14733	6.926	ng	# 12
44) 2,4,5-Trichlorophenol	9.286	196	7057	3.105	ng	# 1
46) 1,1'-Biphenyl	9.433	154	53389	6.942	ng	89
48) 2-Nitroaniline	9.533	65	3795	5.895	ng	# 61
49) Acenaphthylene	9.880	152	57809	5.932	ng	# 1
50) Dimethylphthalate	9.722	163	17556	2.368	ng	# 11
51) 2,6-Dinitrotoluene	9.786	165	12696	11.273	ng	# 80
52) Acenaphthene	10.051	154	119075	19.760	ng	# 77
53) 3-Nitroaniline	9.969	138	11635	8.056	ng	# 43
54) 2,4-Dinitrophenol	10.051	184	1713	8.031	ng	# 1
55) Dibenzofuran	10.222	168	119764	13.711	ng	# 1
56) 4-Nitrophenol	10.127	139	80183	70.120	ng	# 53
57) 2,4-Dinitrotoluene	10.192	165	22512	15.437	ng	# 67
58) Fluorene	10.569	166	245238	35.656	ng	# 90
63) Azobenzene	10.710	77	42250	5.550	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.586	198	2697	11.175	ng	# 1
66) n-Nitrosodiphenylamine	10.680	169	324577	62.704	ng	# 56
69) Atrazine	11.204	200	8231	5.506	ng	# 14
71) Phenanthrene	11.533	178	838965	97.949	ng	# 95
72) Anthracene	11.580	178	101712	12.039	ng	# 83

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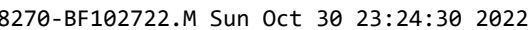
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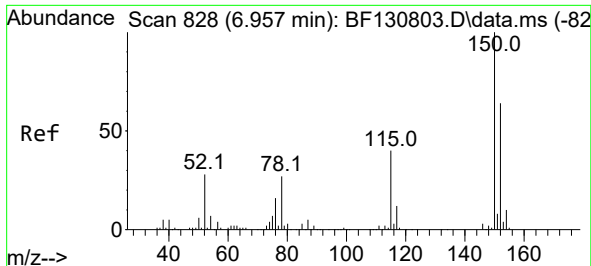
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Carbazole	11.733	167	20073	2.653	ng	# 1
75) Fluoranthene	12.721	202	373658	41.059	ng	97
78) Pyrene	12.951	202	524959	34.784	ng	98
81) Benzo(a)anthracene	14.127	228	184660	15.570	ng	94
83) Chrysene	14.163	228	176318	15.413	ng	97
84) Bis(2-ethylhexyl)phtha...	14.110	149	19168	2.936	ng	# 78
87) Indeno(1,2,3-cd)pyrene	17.192	276	65618	6.856	ng	95
88) Benzo(b)fluoranthene	15.198	252	216754	23.267	ng	# 92
89) Benzo(k)fluoranthene	15.198	252	216754	23.878	ng	# 93
90) Benzo(a)pyrene	15.586	252	127925	17.082	ng	# 91
91) Dibenzo(a,h)anthracene	17.198	278	17354	2.224	ng	# 83
92) Benzo(g,h,i)perylene	17.662	276	68686	8.630	ng	97

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

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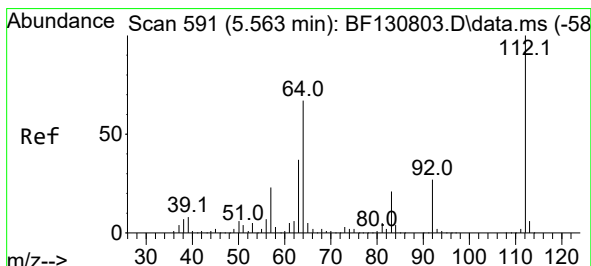
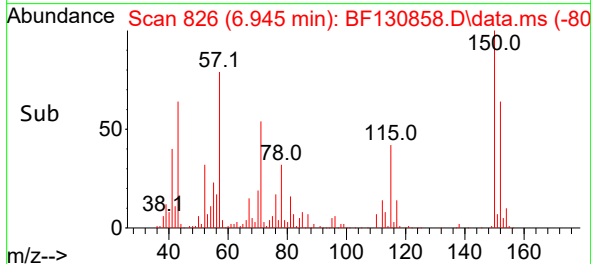
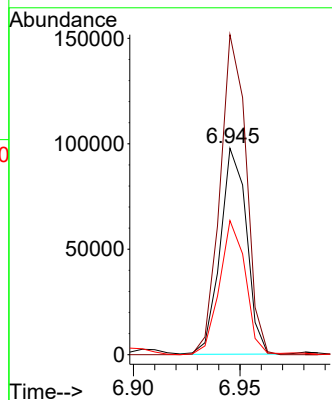
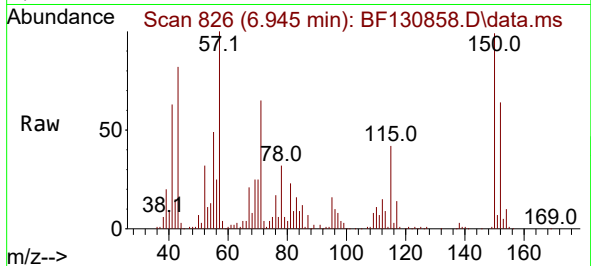




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130858.D
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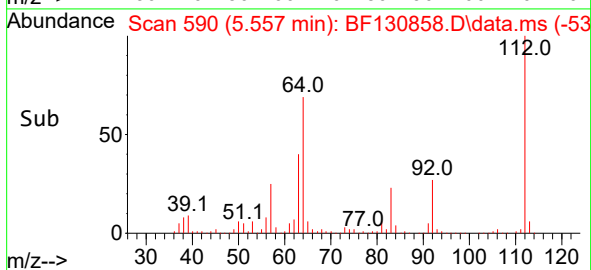
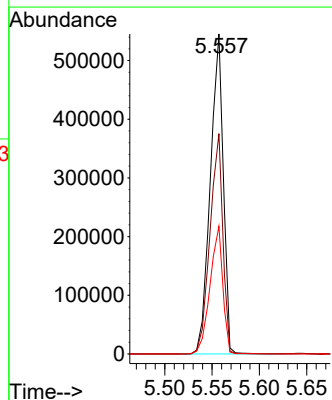
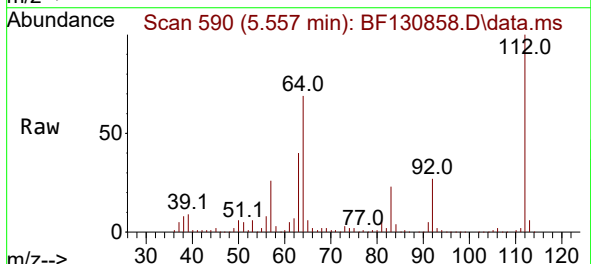
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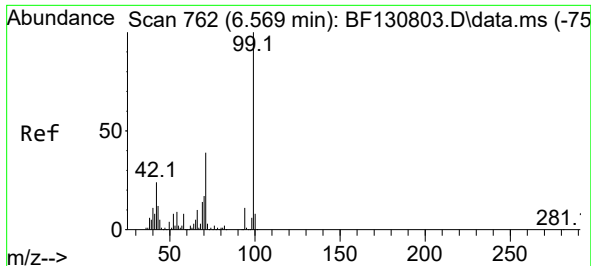
Tgt Ion:152 Resp: 83973
Ion Ratio Lower Upper
152 100
150 155.0 124.1 186.1
115 64.9 50.1 75.1



#5
2-Fluorophenol
Concen: 107.666 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.000 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion:112 Resp: 521517
Ion Ratio Lower Upper
112 100
64 68.9 53.9 80.9
63 39.9 29.4 44.2





#7

Phenol-d6

Concen: 103.400 ng

RT: 6.557 min Scan# 7

Delta R.T. -0.006 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

Instrument :

BNA_F

ClientSampleId :

TP6-1024

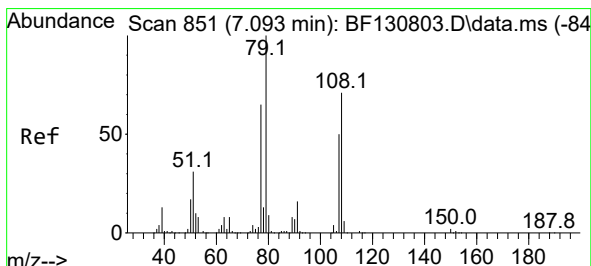
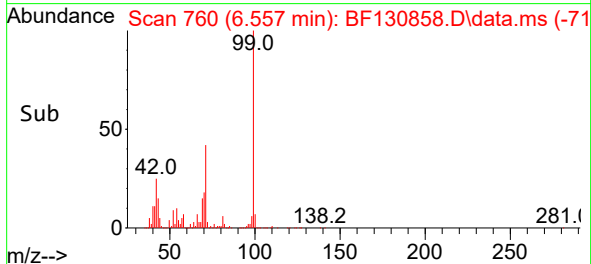
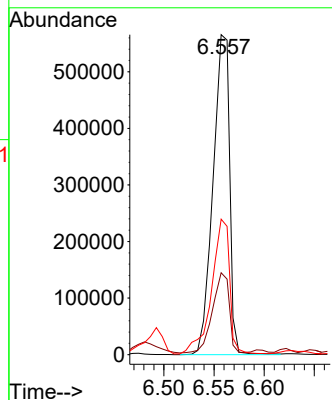
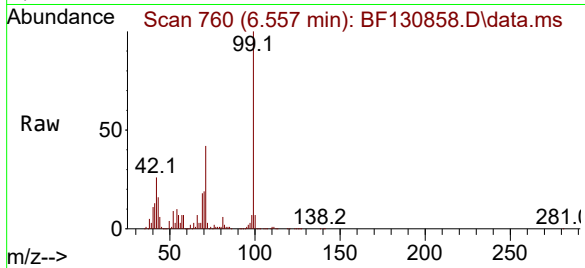
Tgt Ion: 99 Resp: 650852

Ion Ratio Lower Upper

99 100

42 25.6 18.8 28.2

71 42.4 31.4 47.0



#15

Benzyl Alcohol

Concen: 2.038 ng

RT: 7.098 min Scan# 852

Delta R.T. 0.012 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

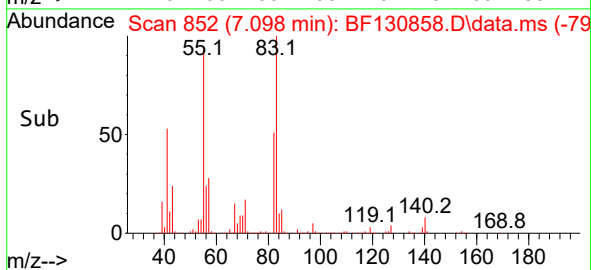
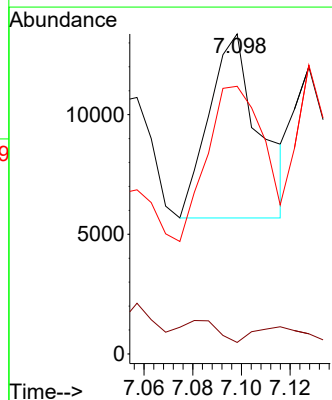
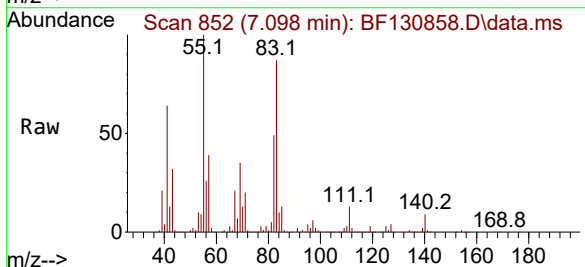
Tgt Ion: 79 Resp: 10907

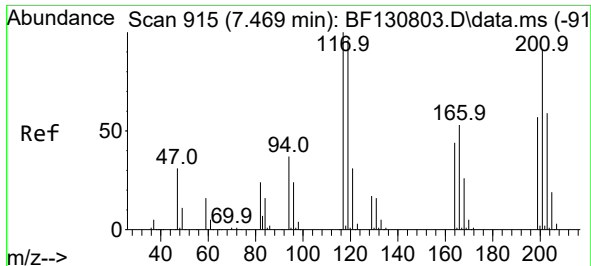
Ion Ratio Lower Upper

79 100

108 3.6 56.4 84.6#

77 83.7 51.8 77.8#

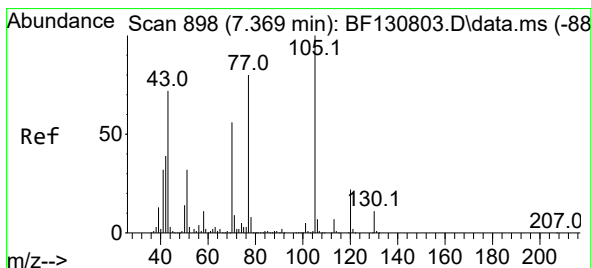
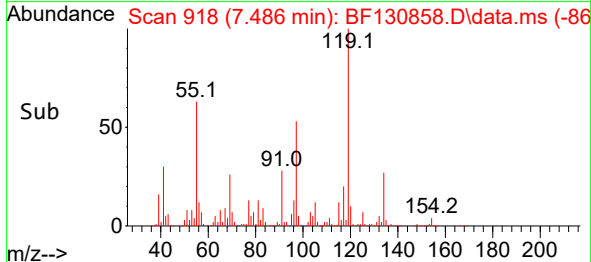
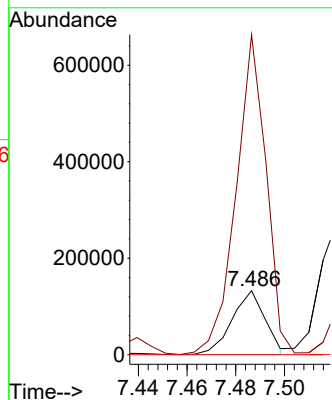
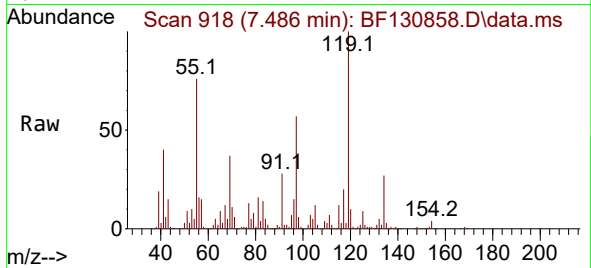




#18
Hexachloroethane
Concen: 55.932 ng
RT: 7.486 min Scan# 915
Delta R.T. 0.023 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

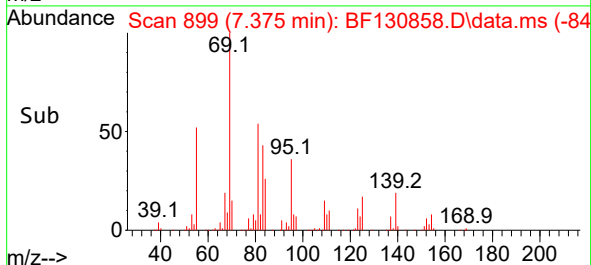
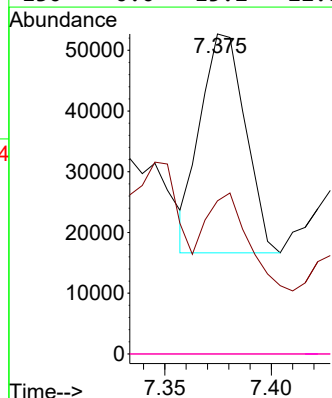
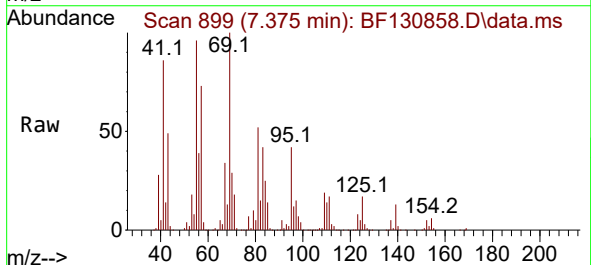
Instrument :
BNA_F
ClientSampleId :
TP6-1024

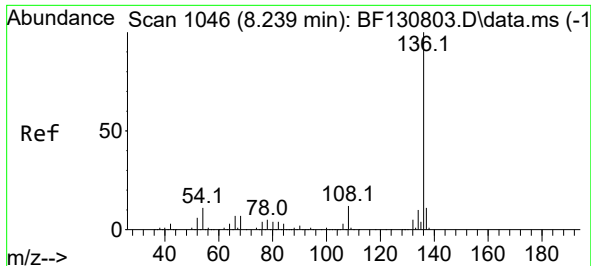
Tgt Ion:117 Resp: 125460
Ion Ratio Lower Upper
117 100
119 500.1 77.1 115.7#
201 0.0 72.9 109.3#



#19
n-Nitroso-di-n-propylamine
Concen: 12.378 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.012 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion: 70 Resp: 53013
Ion Ratio Lower Upper
70 100
42 47.8 56.1 84.1#
101 0.0 7.3 10.9#
130 0.0 15.2 22.8#

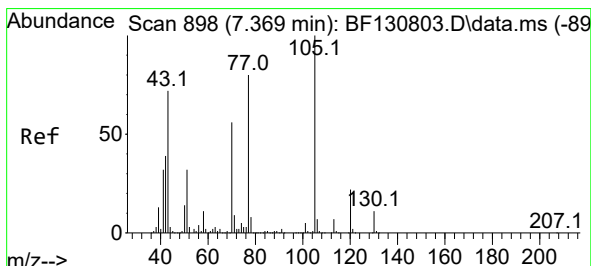
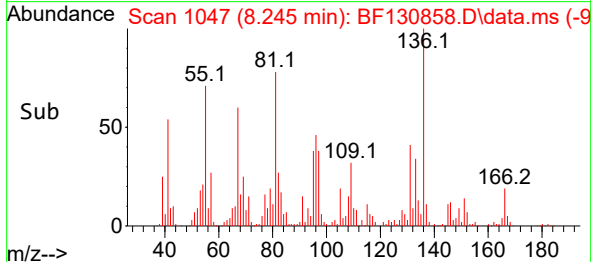
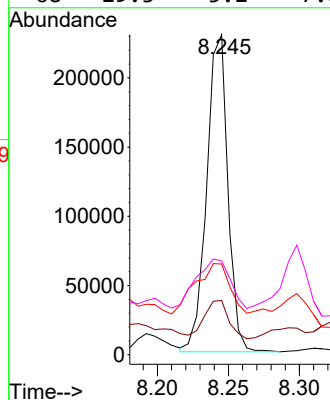
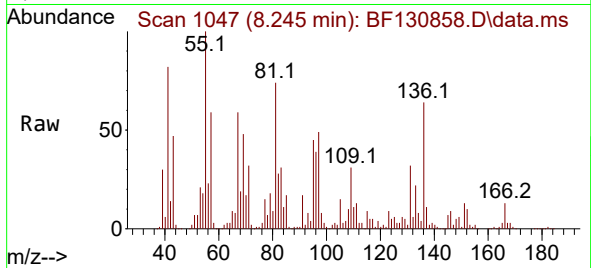




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

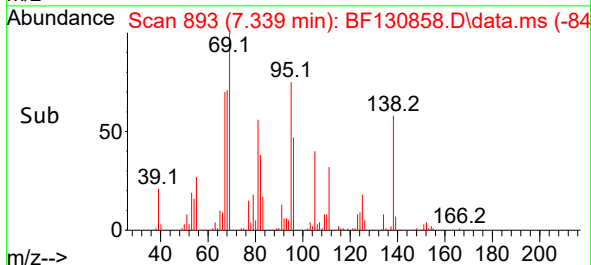
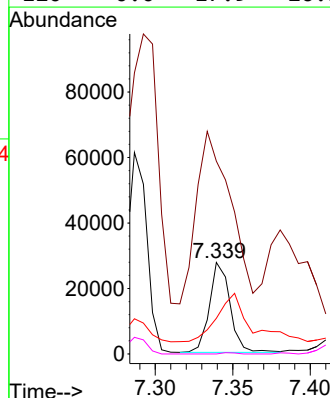
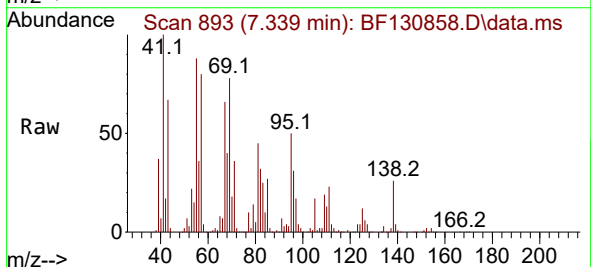
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BNA_F
ClientSampleId :
TP6-1024

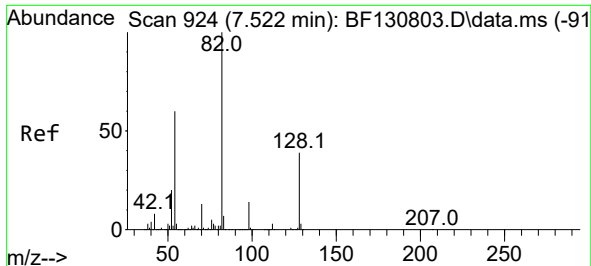
Tgt Ion:136 Resp: 238558
Ion Ratio Lower Upper
136 100
137 17.0 9.2 13.8#
54 28.4 8.8 13.2#
68 29.3 5.2 7.8#



#22
Acetophenone
Concen: 4.406 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion:105 Resp: 25486
Ion Ratio Lower Upper
105 100
71 210.8 7.2 10.8#
51 38.9 25.9 38.9#
120 0.0 17.9 26.9#





#23

Nitrobenzene-d5

Concen: 100.387 ng

RT: 7.510 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

Instrument :

BNA_F

ClientSampleId :

TP6-1024

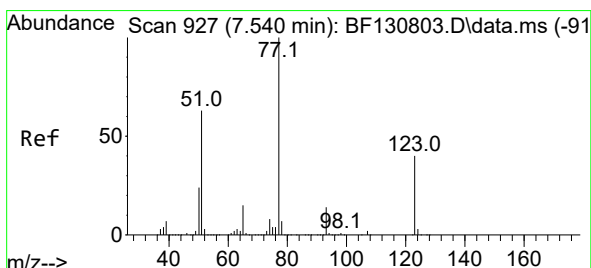
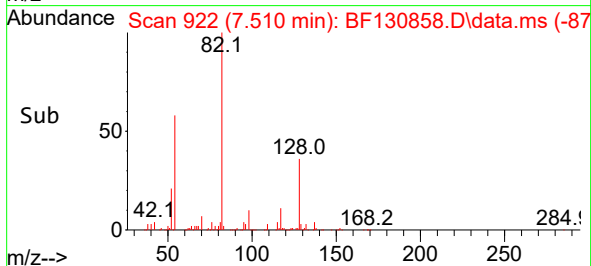
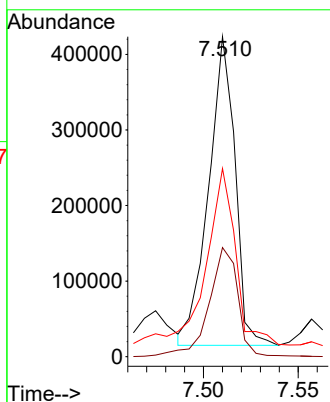
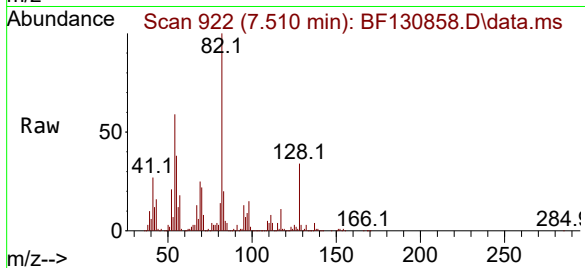
Tgt Ion: 82 Resp: 397158

Ion Ratio Lower Upper

82 100

128 34.1 31.2 46.8

54 58.8 48.0 72.0



#24

Nitrobenzene

Concen: 6.906 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.012 min

Lab File: BF130858.D

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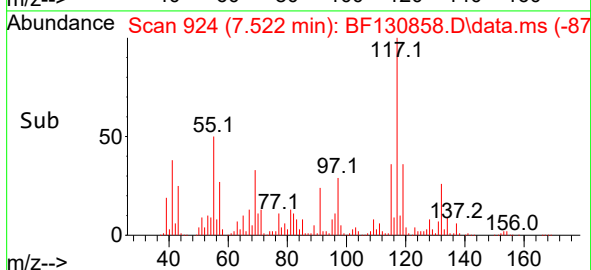
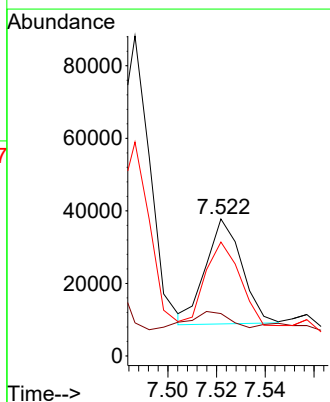
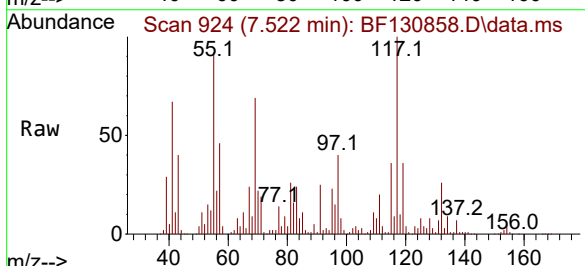
Tgt Ion: 77 Resp: 29877

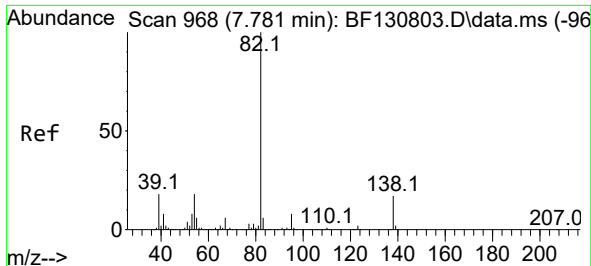
Ion Ratio Lower Upper

77 100

123 31.0 32.2 48.2#

65 83.2 12.0 18.0#

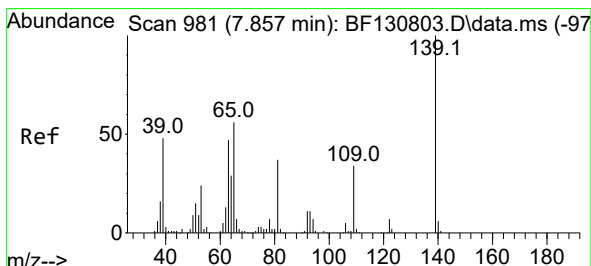
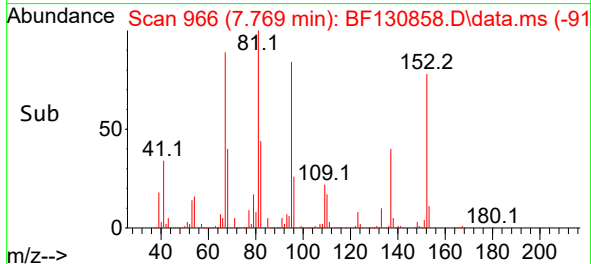
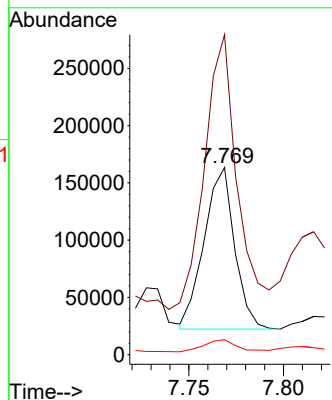
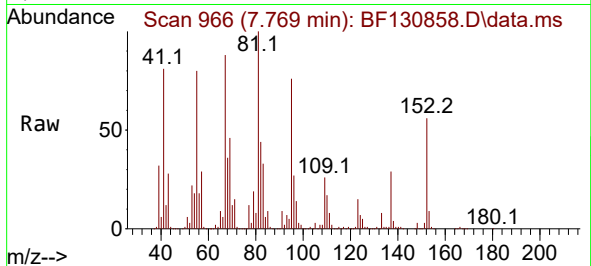




#25
Isophorone
Concen: 19.411 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

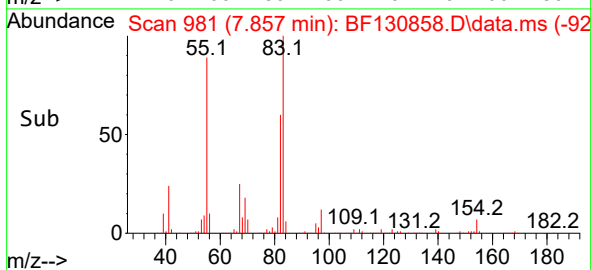
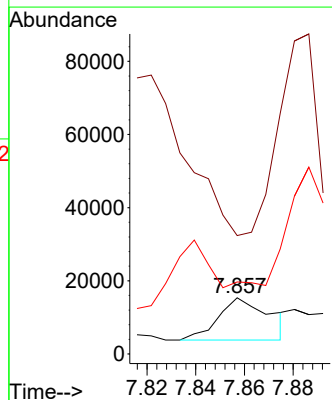
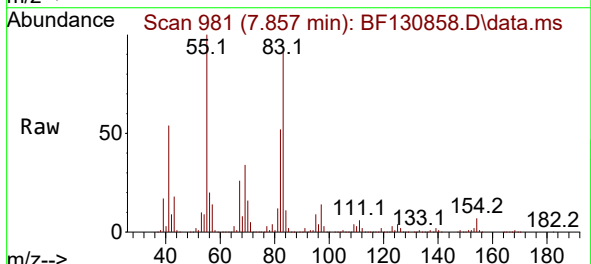
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BNA_F
ClientSampleId :
TP6-1024

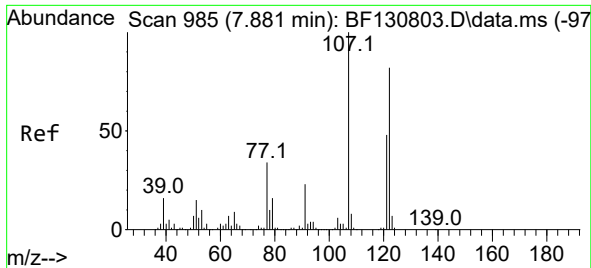
Tgt Ion: 82 Resp: 158365
Ion Ratio Lower Upper
82 100
95 170.9 6.2 9.4#
138 8.1 13.8 20.6#



#26
2-Nitrophenol
Concen: 13.096 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion: 139 Resp: 16805
Ion Ratio Lower Upper
139 100
109 210.4 27.3 40.9#
65 128.2 44.6 67.0#

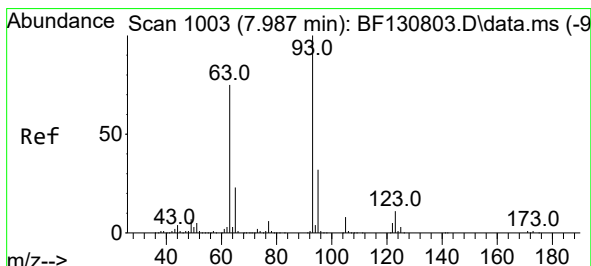
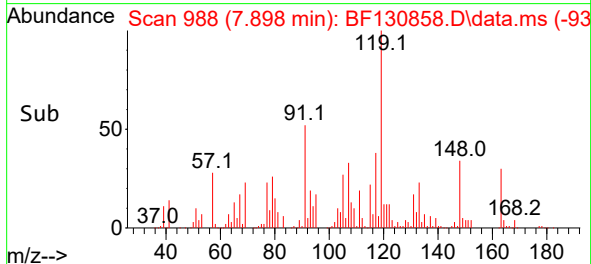
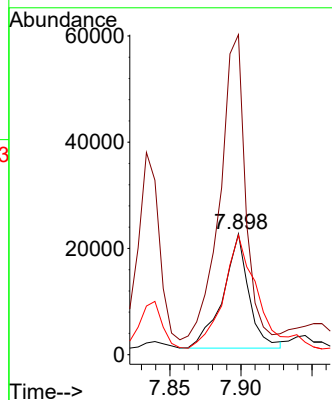
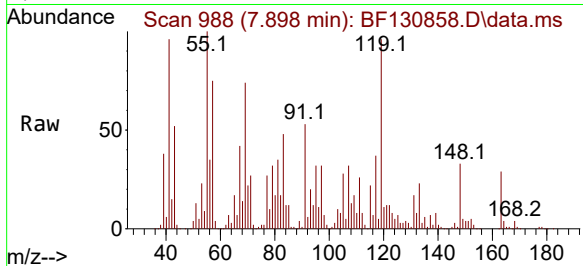




#27
 2,4-Dimethylphenol
 Concen: 8.039 ng
 RT: 7.898 min Scan# 91
 Delta R.T. 0.023 min
 Lab File: BF130858.D
 Acq: 29 Oct 2022 15:44

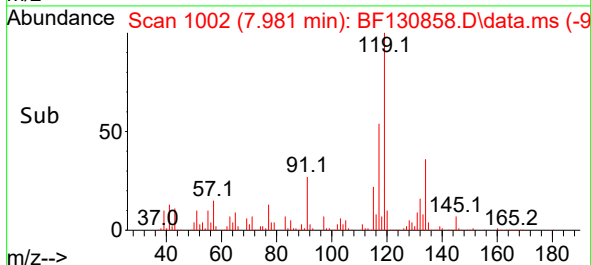
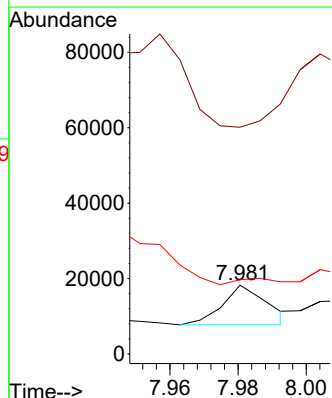
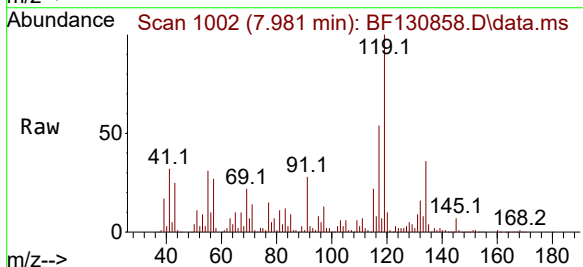
Instrument :
 BNA_F
 ClientSampleId :
 TP6-1024

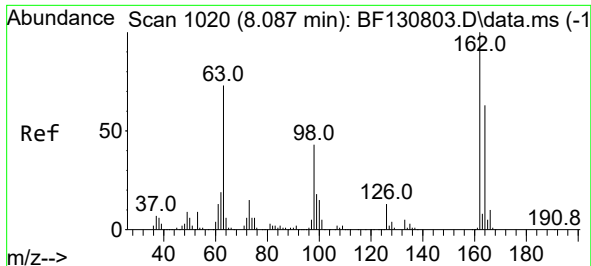
Tgt Ion:122 Resp: 27296
 Ion Ratio Lower Upper
 122 100
 107 265.0 97.1 145.7#
 121 98.9 46.9 70.3#



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.098 ng
 RT: 7.981 min Scan# 1002
 Delta R.T. -0.000 min
 Lab File: BF130858.D
 Acq: 29 Oct 2022 15:44

Tgt Ion: 93 Resp: 9557
 Ion Ratio Lower Upper
 93 100
 95 329.2 25.7 38.5#
 123 107.8 9.4 14.0#





#29

2,4-Dichlorophenol

Concen: 6.184 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

Instrument :

BNA_F

ClientSampleId :

TP6-1024

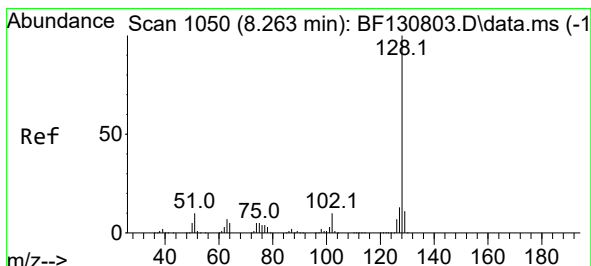
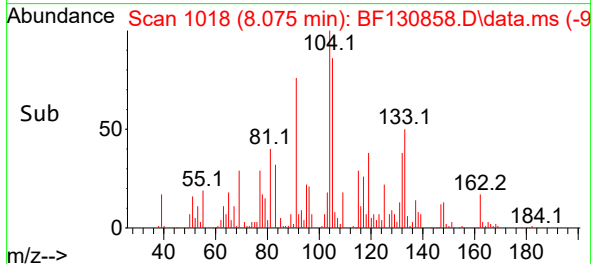
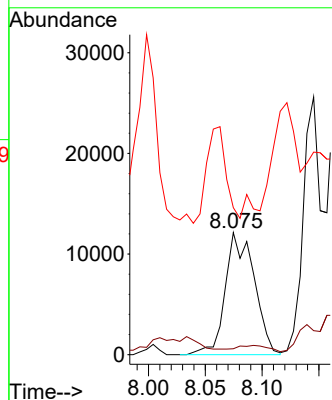
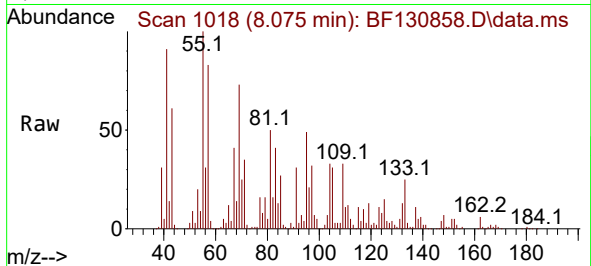
Tgt Ion:162 Resp: 21598

Ion Ratio Lower Upper

162 100

164 4.9 43.2 83.2#

98 120.4 22.8 62.8#



#31

Naphthalene

Concen: 21.594 ng

RT: 8.263 min Scan# 1050

Delta R.T. 0.006 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

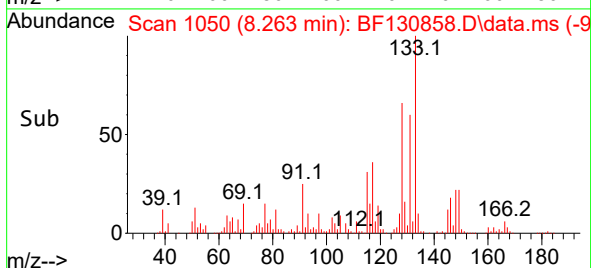
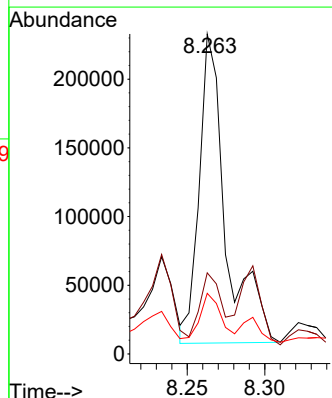
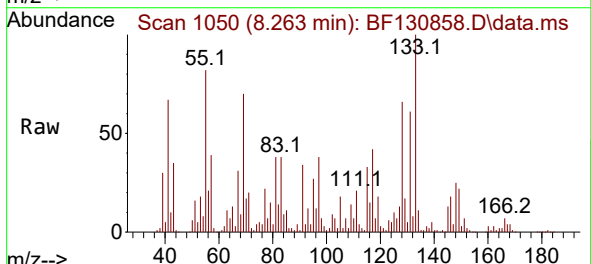
Tgt Ion:128 Resp: 268774

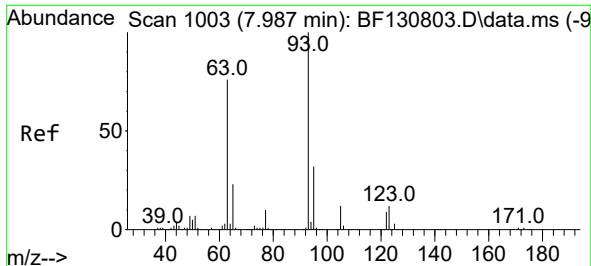
Ion Ratio Lower Upper

128 100

129 25.3 9.0 13.6#

127 19.0 10.6 16.0#

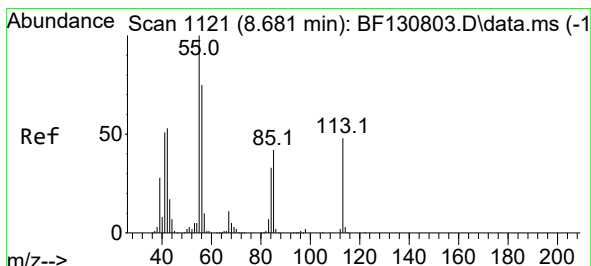
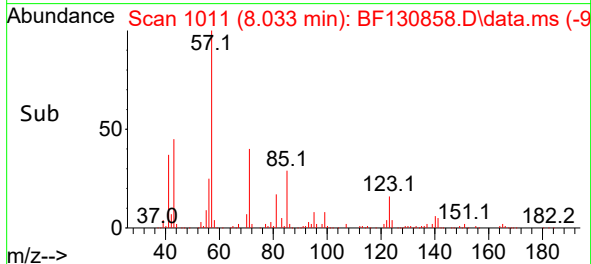
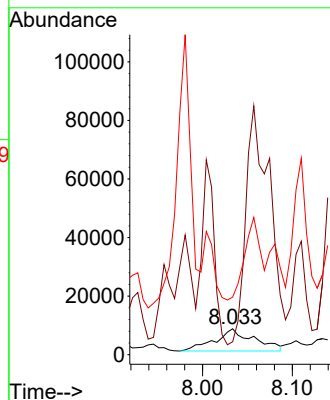
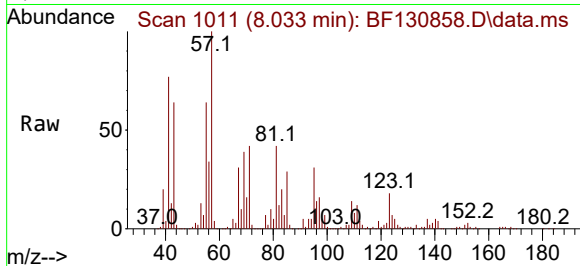




#32
Benzoic acid
Concen: 15.742 ng
RT: 8.033 min Scan# 1003
Delta R.T. 0.047 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

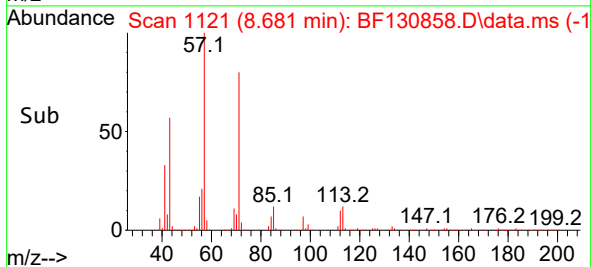
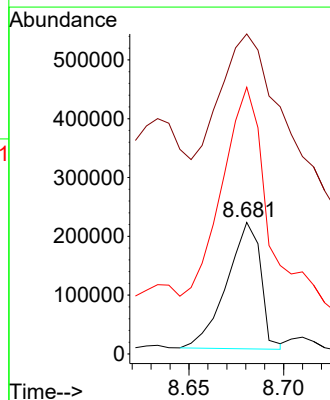
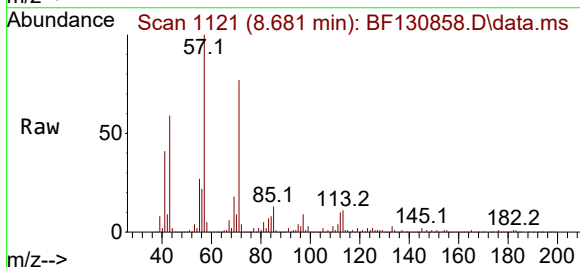
Instrument :
BNA_F
ClientSampleId :
TP6-1024

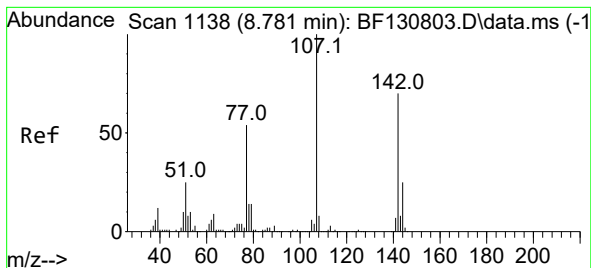
Tgt Ion:122 Resp: 23159
Ion Ratio Lower Upper
122 100
105 50.1 114.5 154.5#
77 221.7 89.8 129.8#



#35
Caprolactam
Concen: 239.687 ng
RT: 8.681 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion:113 Resp: 268280
Ion Ratio Lower Upper
113 100
55 243.2 187.0 227.0#
56 202.7 134.2 174.2#

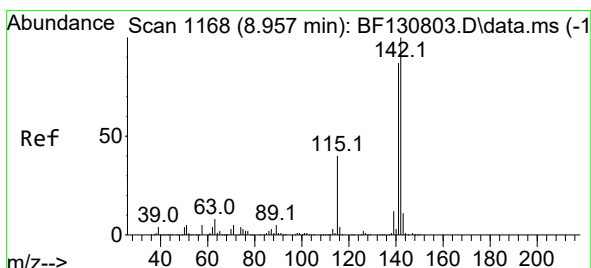
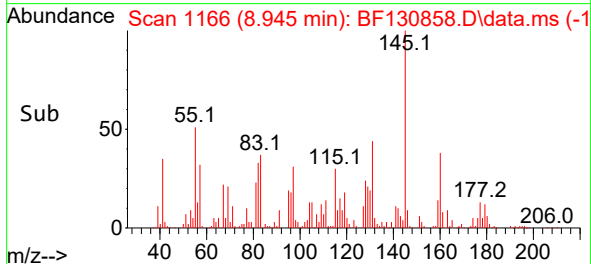
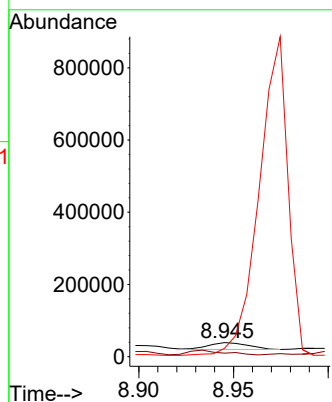
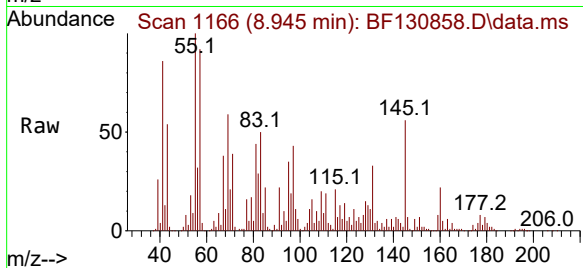




#36
 4-Chloro-3-methylphenol
 Concen: 7.267 ng
 RT: 8.945 min Scan# 1166
 Delta R.T. 0.170 min
 Lab File: BF130858.D
 Acq: 29 Oct 2022 15:44

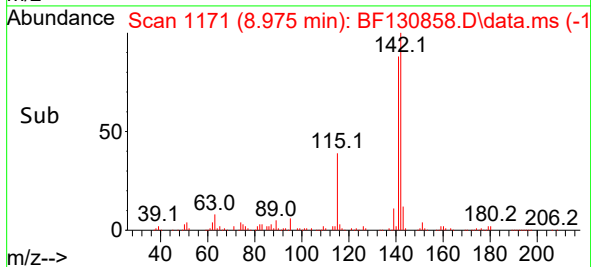
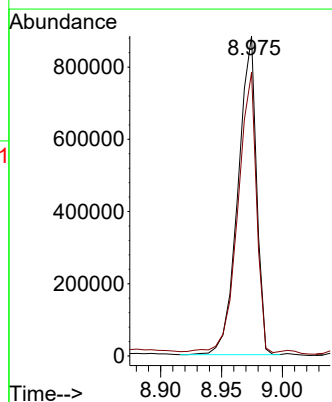
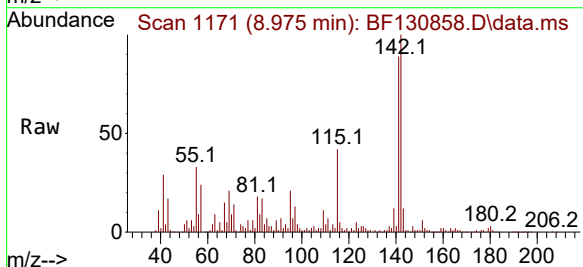
Instrument :
 BNA_F
 ClientSampleId :
 TP6-1024

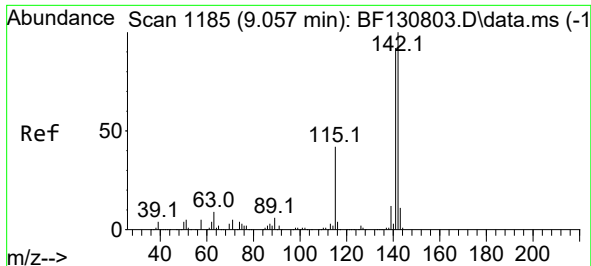
Tgt Ion:107 Resp: 27531
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.8 29.8
 142 58.9 56.0 84.0



#37
 2-Methylnaphthalene
 Concen: 118.968 ng
 RT: 8.975 min Scan# 1171
 Delta R.T. 0.029 min
 Lab File: BF130858.D
 Acq: 29 Oct 2022 15:44

Tgt Ion:142 Resp: 931396
 Ion Ratio Lower Upper
 142 100
 141 88.6 69.9 104.9

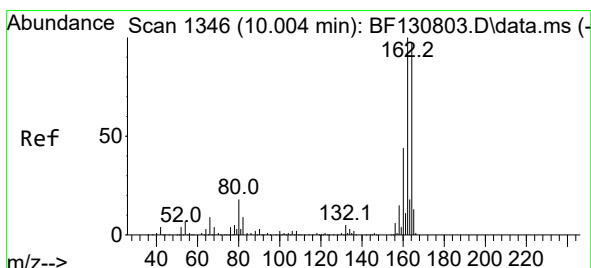
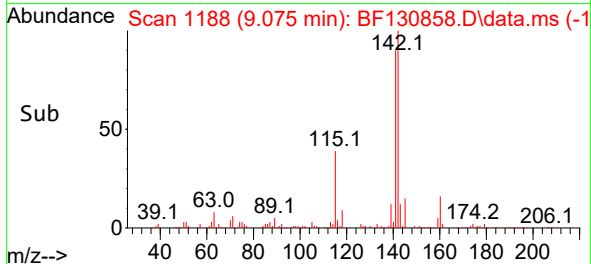
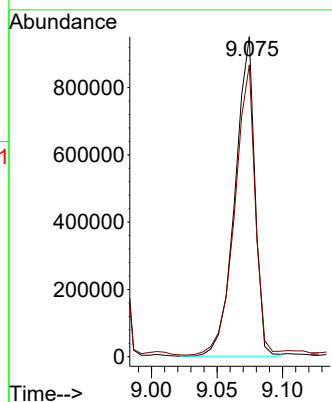
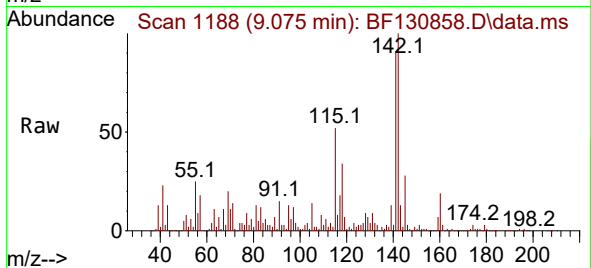




#38
1-Methylnaphthalene
Concen: 131.148 ng
RT: 9.075 min Scan# 1185
Delta R.T. 0.023 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

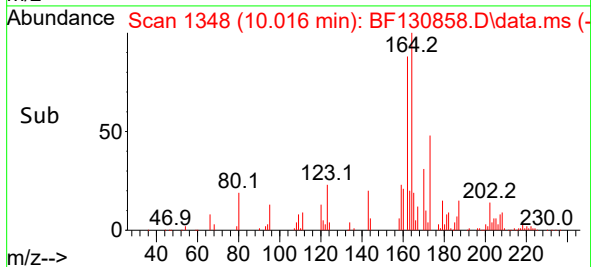
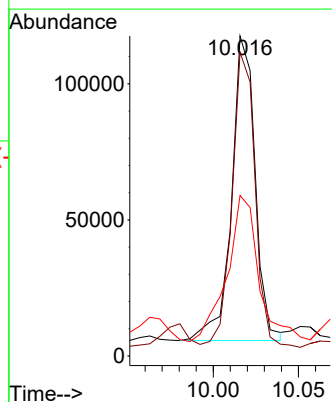
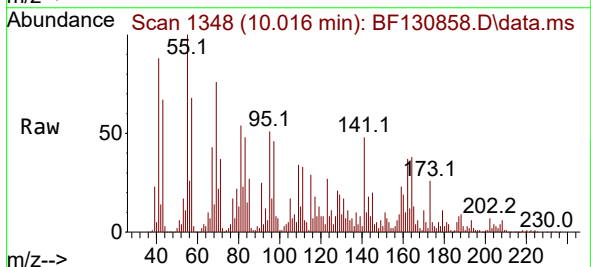
Instrument :
BNA_F
ClientSampleId :
TP6-1024

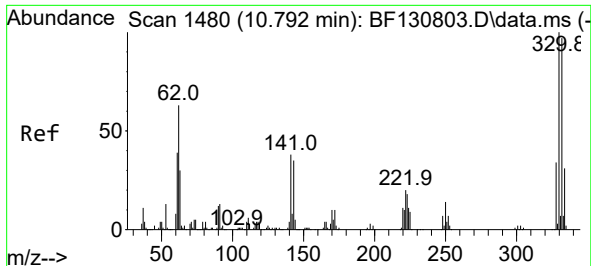
Tgt Ion:142 Resp: 999228
Ion Ratio Lower Upper
142 100
141 91.2 73.5 110.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion:164 Resp: 107949
Ion Ratio Lower Upper
164 100
162 94.9 82.2 123.2
160 50.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 110.249 ng

RT: 10.810 min Scan# 1480

Delta R.T. 0.023 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

Instrument :

BNA_F

ClientSampleId :

TP6-1024

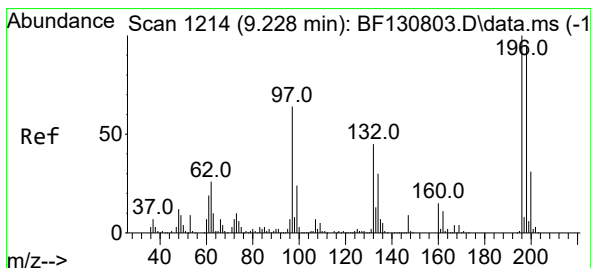
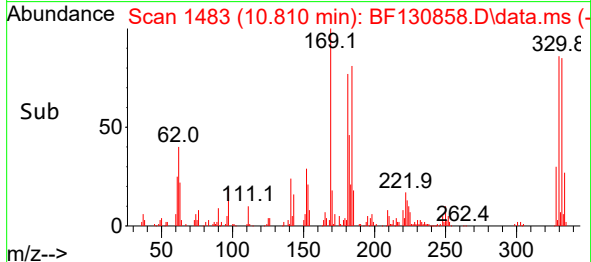
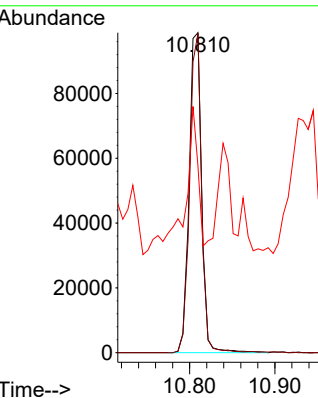
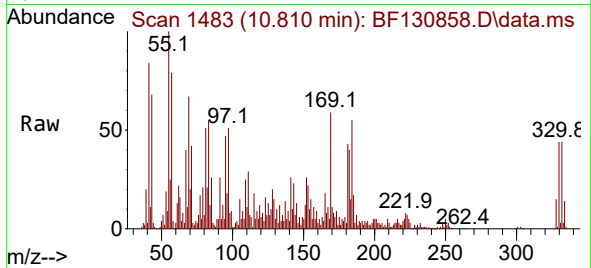
Tgt Ion:330 Resp: 100185

Ion Ratio Lower Upper

330 100

332 94.9 76.2 114.4

141 46.5 31.4 47.0



#43

2,4,6-Trichlorophenol

Concen: 6.926 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.018 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

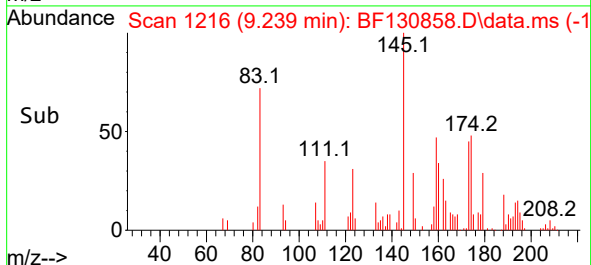
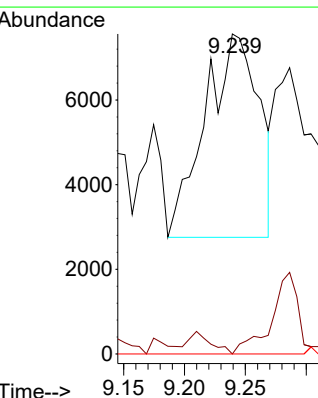
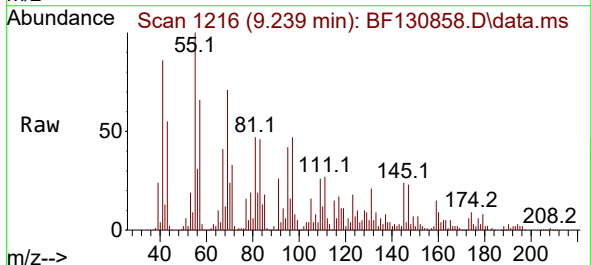
Tgt Ion:196 Resp: 14733

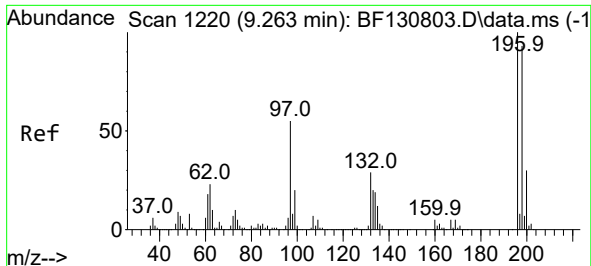
Ion Ratio Lower Upper

196 100

198 0.0 76.1 114.1#

200 0.0 24.5 36.7#

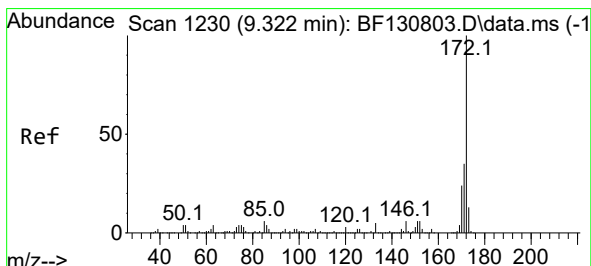
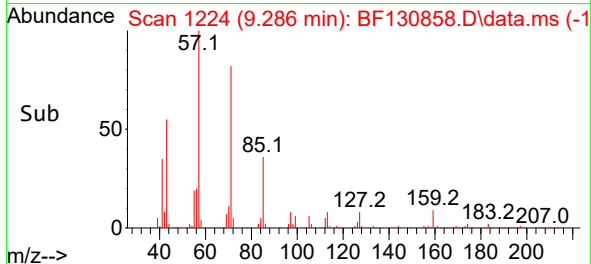
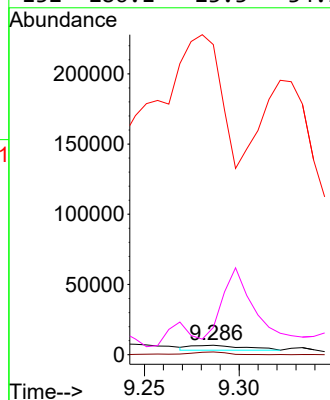
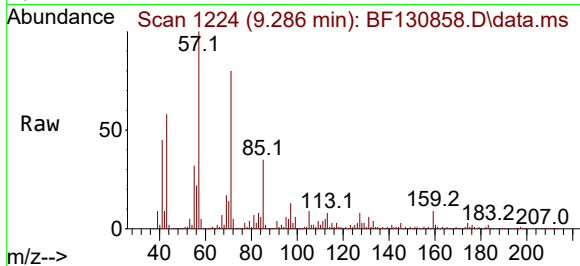




#44
2,4,5-Trichlorophenol
Concen: 3.105 ng
RT: 9.286 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

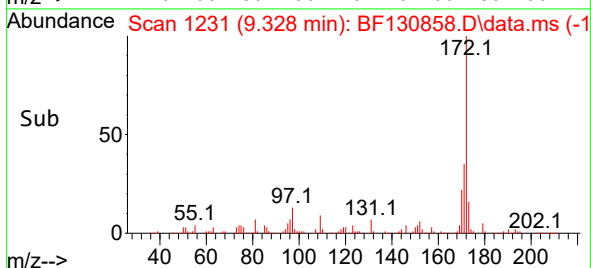
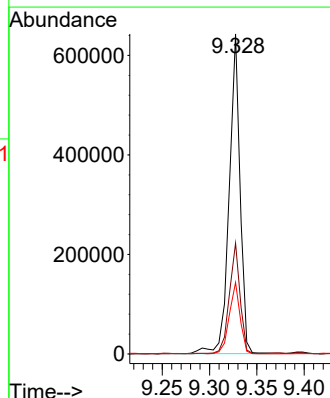
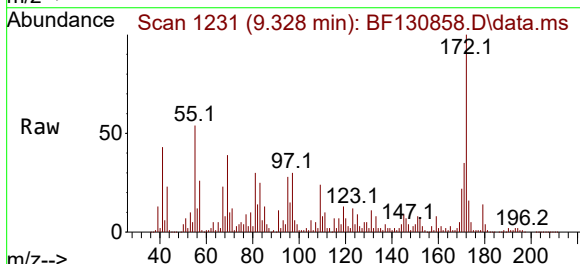
Instrument :
BNA_F
ClientSampleId :
TP6-1024

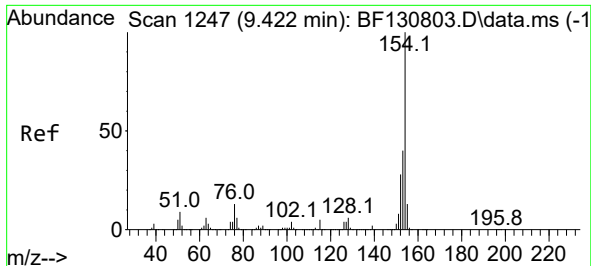
Tgt Ion:196 Resp: 7057
Ion Ratio Lower Upper
196 100
198 28.5 74.6 112.0#
97 3265.3 44.7 67.1#
132 286.1 23.3 34.9#



#45
2-Fluorobiphenyl
Concen: 72.382 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.018 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion:172 Resp: 516810
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 22.4 19.0 28.4

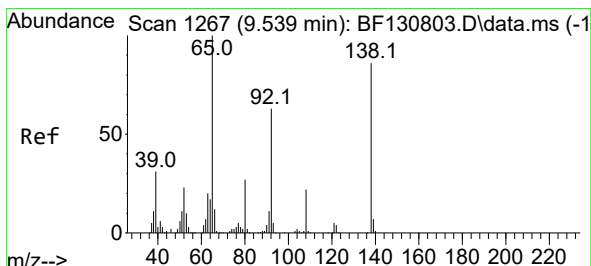
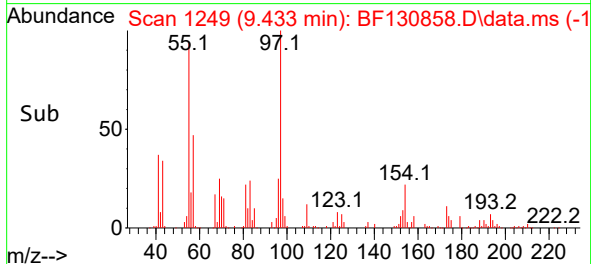
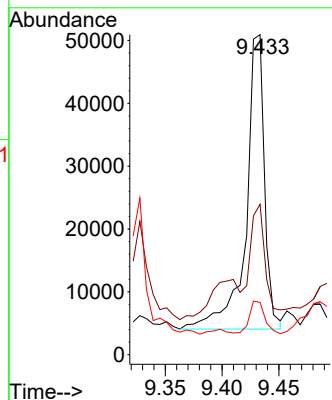
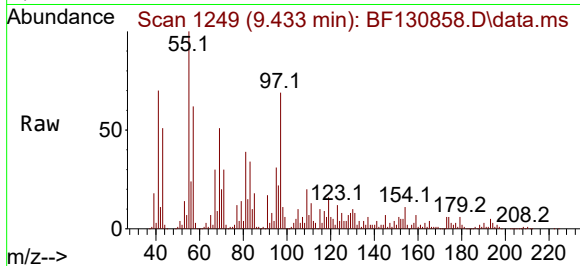




#46
1,1'-Biphenyl
Concen: 6.942 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.018 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

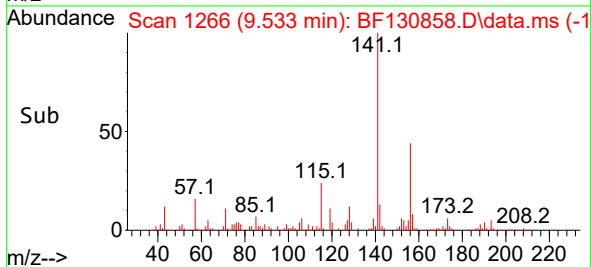
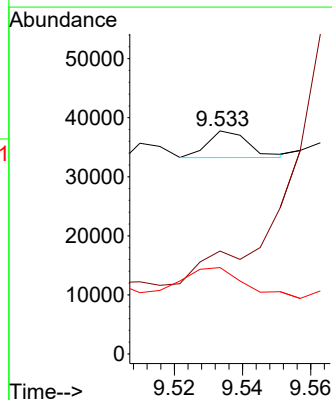
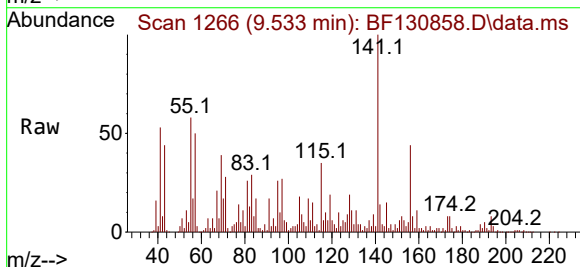
Instrument :
BNA_F
ClientSampleId :
TP6-1024

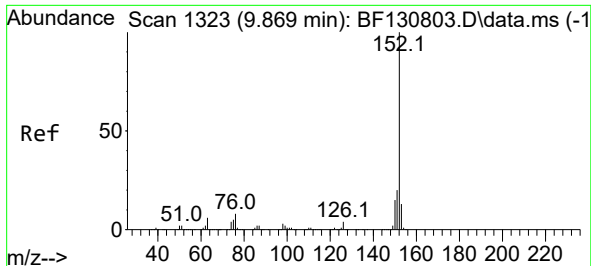
Tgt Ion:154 Resp: 53389
Ion Ratio Lower Upper
154 100
153 47.0 19.9 59.9
76 16.4 0.0 32.5



#48
2-Nitroaniline
Concen: 5.895 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion: 65 Resp: 3795
Ion Ratio Lower Upper
65 100
92 46.2 50.1 75.1#
138 38.7 69.2 103.8#





#49

Acenaphthylene

Concen: 5.932 ng

RT: 9.880 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

Instrument :

BNA_F

ClientSampleId :

TP6-1024

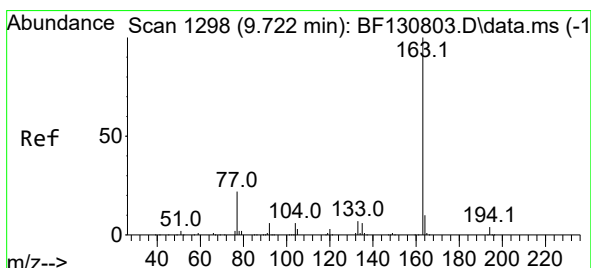
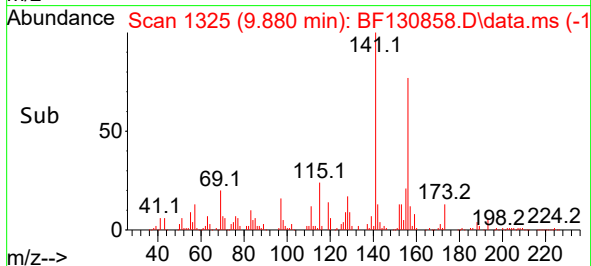
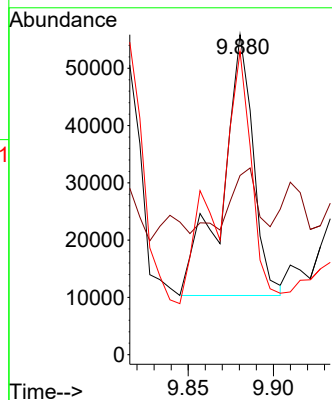
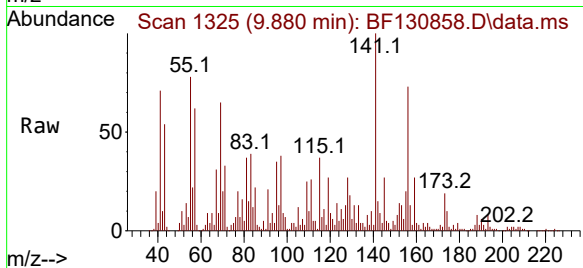
Tgt Ion:152 Resp: 57809

Ion Ratio Lower Upper

152 100

151 56.0 15.8 23.8#

153 94.8 10.2 15.4#



#50

Dimethylphthalate

Concen: 2.368 ng

RT: 9.722 min Scan# 1298

Delta R.T. 0.006 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

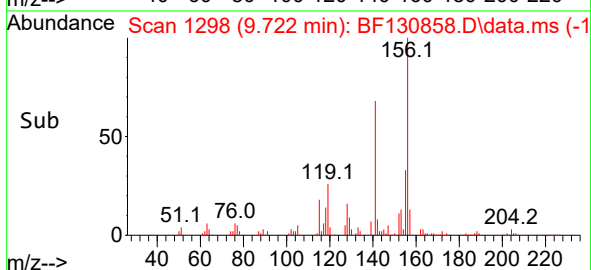
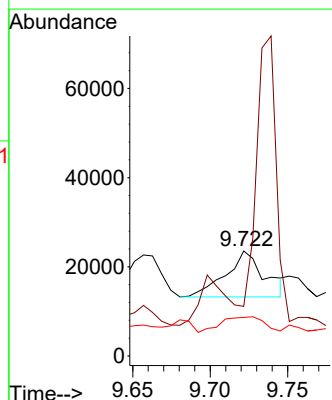
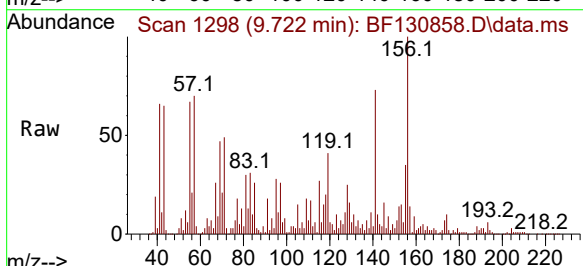
Tgt Ion:163 Resp: 17556

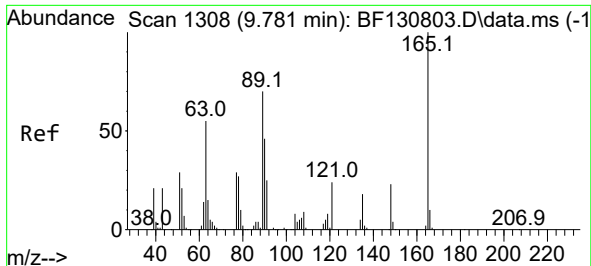
Ion Ratio Lower Upper

163 100

194 47.2 3.2 4.8#

164 36.8 8.0 12.0#





#51

2,6-Dinitrotoluene

Concen: 11.273 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

Instrument :

BNA_F

ClientSampleId :

TP6-1024

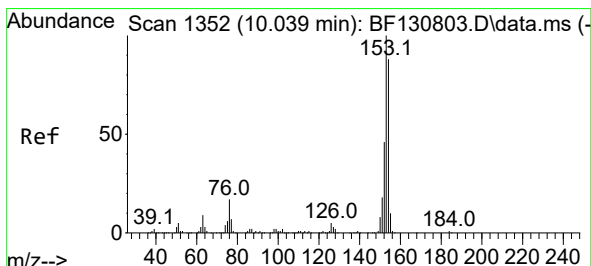
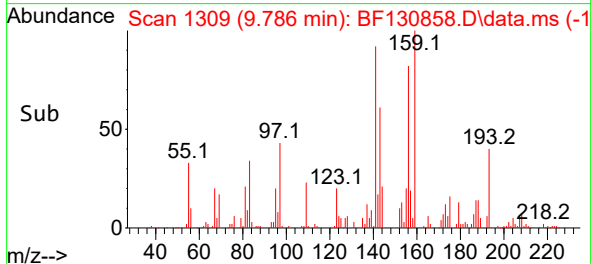
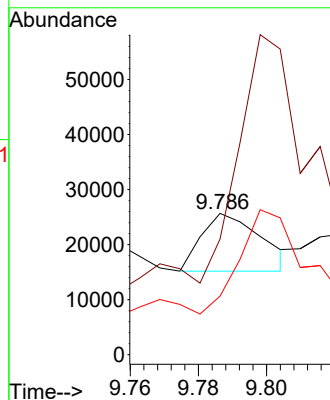
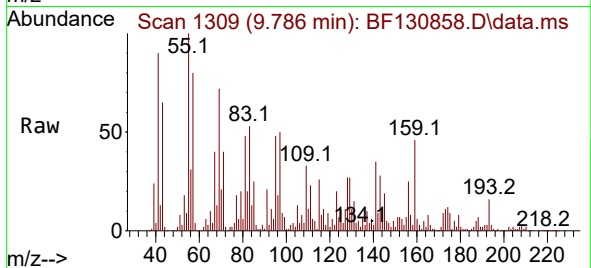
Tgt Ion:165 Resp: 12696

Ion Ratio Lower Upper

165 100

63 81.9 61.8 92.8

89 41.4 56.2 84.4#



#52

Acenaphthene

Concen: 19.760 ng

RT: 10.051 min Scan# 1354

Delta R.T. 0.018 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

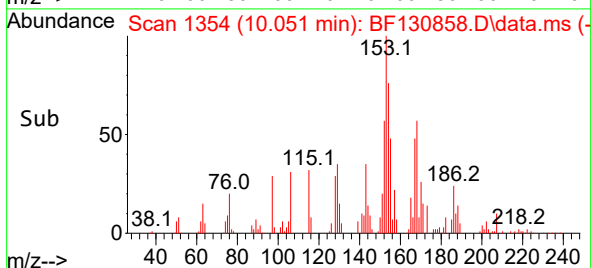
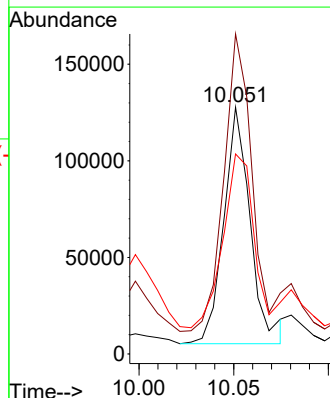
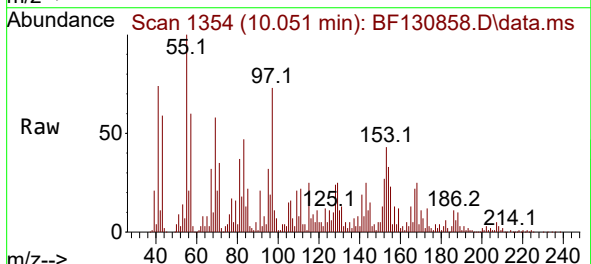
Tgt Ion:154 Resp: 119075

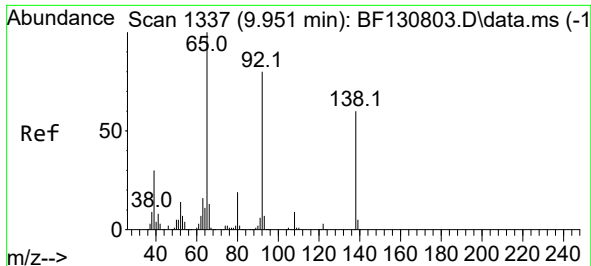
Ion Ratio Lower Upper

154 100

153 129.7 90.5 135.7

152 81.1 42.0 63.0#

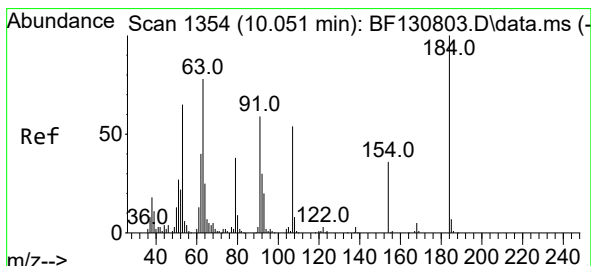
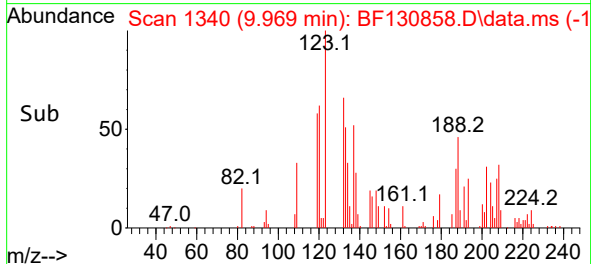
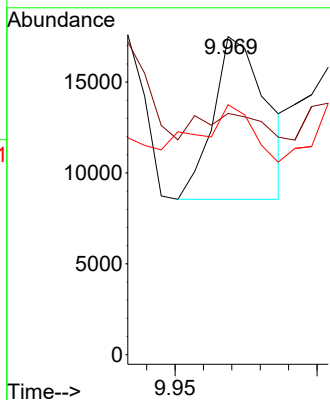
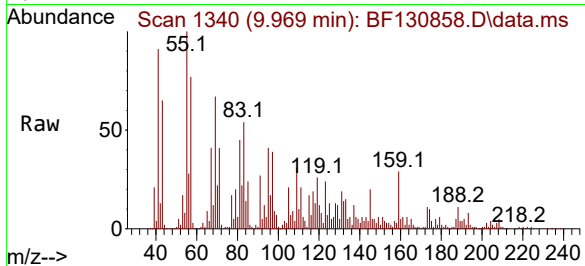




#53
3-Nitroaniline
Concen: 8.056 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.023 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

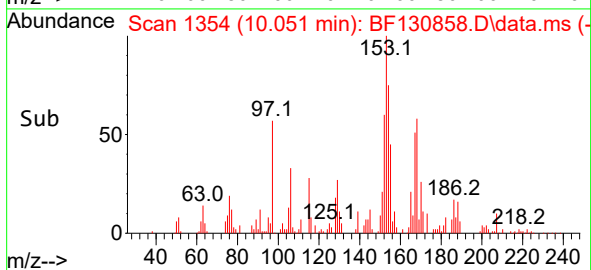
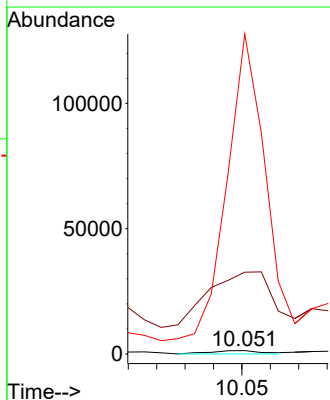
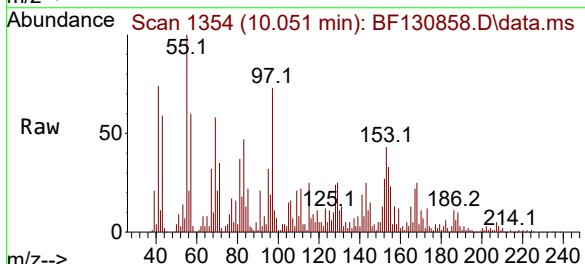
Instrument :
BNA_F
ClientSampleId :
TP6-1024

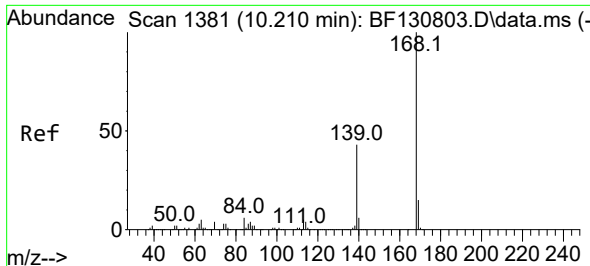
Tgt Ion:138 Resp: 11635
Ion Ratio Lower Upper
138 100
108 75.8 12.7 19.1#
92 78.5 107.8 161.8#



#54
2,4-Dinitrophenol
Concen: 8.031 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion:184 Resp: 1713
Ion Ratio Lower Upper
184 100
63 2486.0 66.7 100.1#
154 9735.4 62.2 93.2#

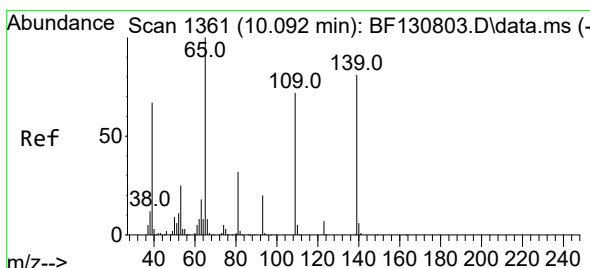
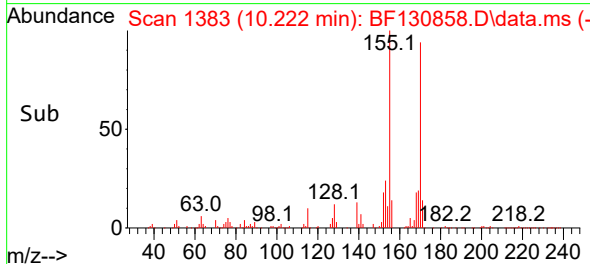
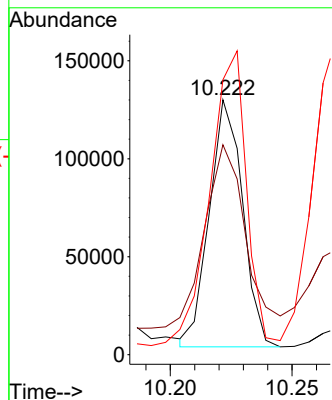
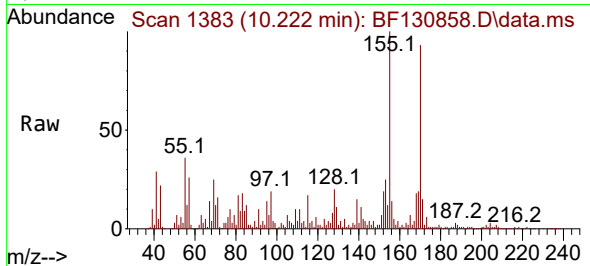




#55
Dibenzenofuran
Concen: 13.711 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.018 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

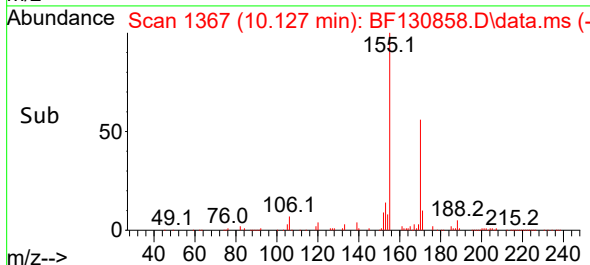
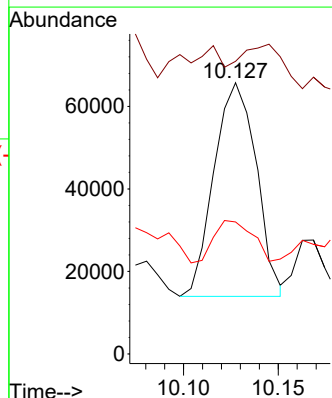
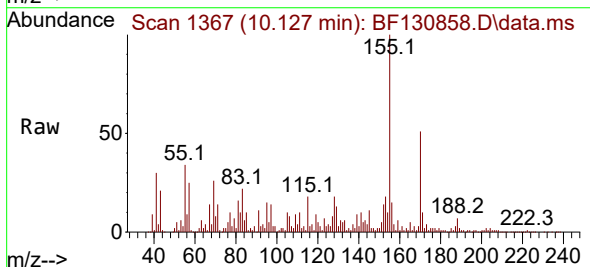
Instrument :
BNA_F
ClientSampleId :
TP6-1024

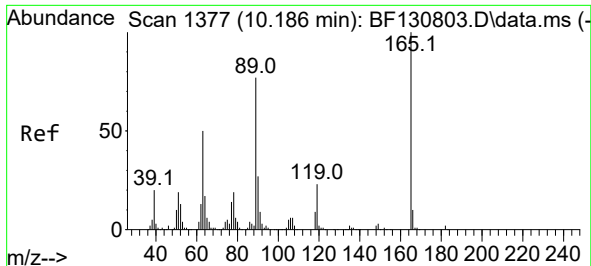
Tgt Ion:168 Resp: 119764
Ion Ratio Lower Upper
168 100
139 82.3 34.3 51.5#
169 107.8 11.9 17.9#



#56
4-Nitrophenol
Concen: 70.120 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.035 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion:139 Resp: 80183
Ion Ratio Lower Upper
139 100
109 107.9 69.3 109.3
65 48.7 105.3 145.3#

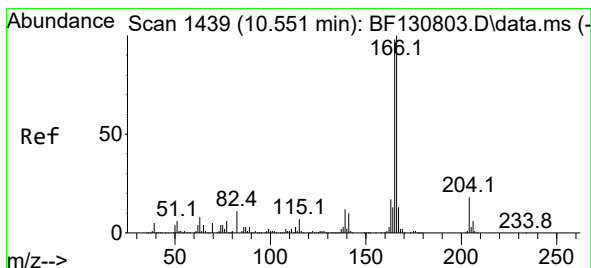
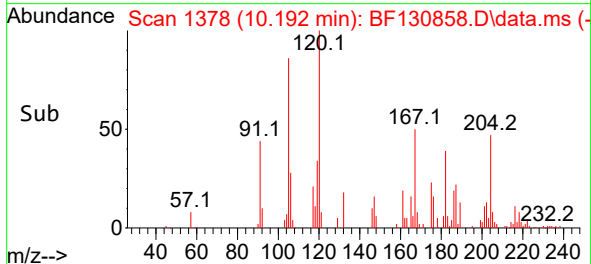
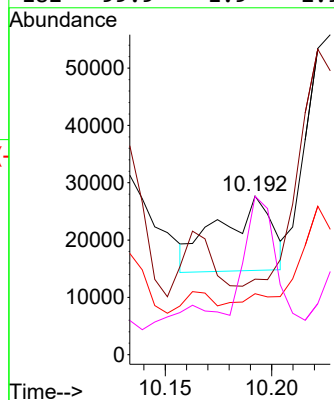
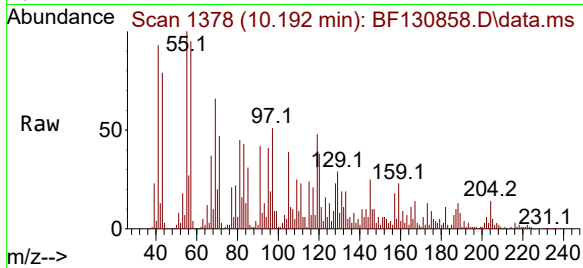




#57
2,4-Dinitrotoluene
Concen: 15.437 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

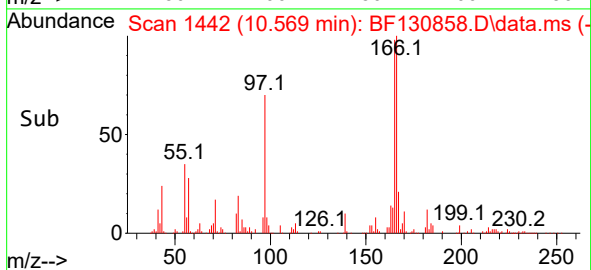
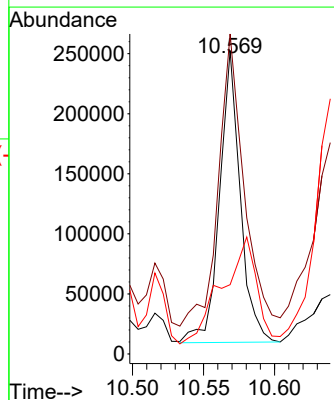
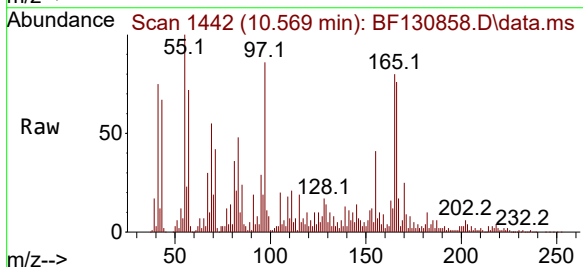
Instrument :
BNA_F
ClientSampleId :
TP6-1024

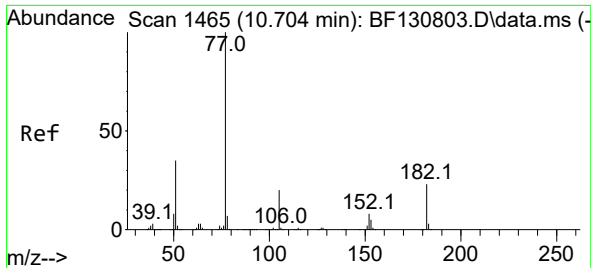
Tgt Ion:165 Resp: 22512
Ion Ratio Lower Upper
165 100
63 47.7 39.8 59.6
89 38.5 61.9 92.9#
182 99.9 1.9 2.9#



#58
Fluorene
Concen: 35.656 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.023 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion:166 Resp: 245238
Ion Ratio Lower Upper
166 100
165 105.5 78.1 117.1
167 22.9 10.4 15.6#

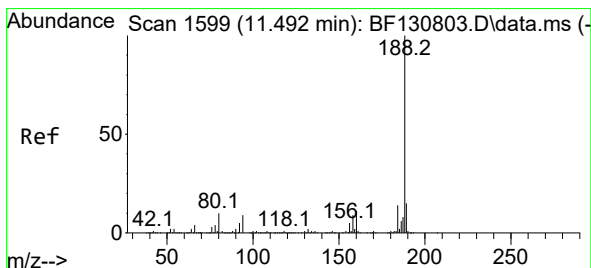
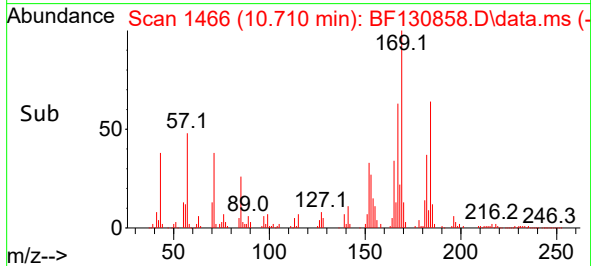
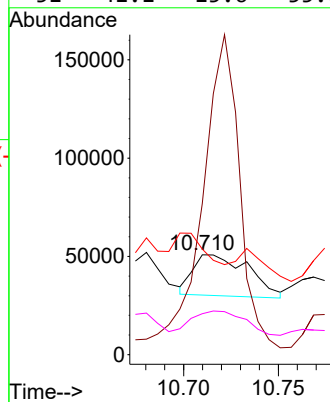
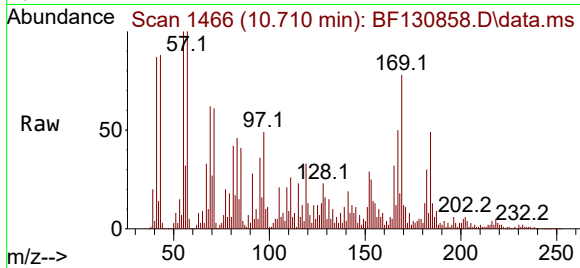




#63
Azobenzene
Concen: 5.550 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

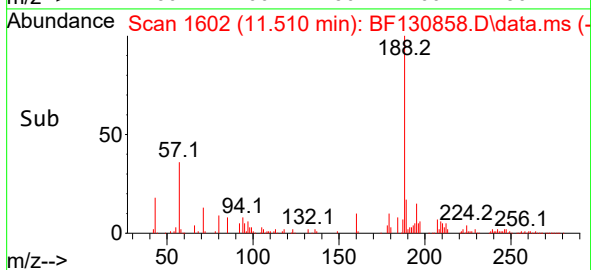
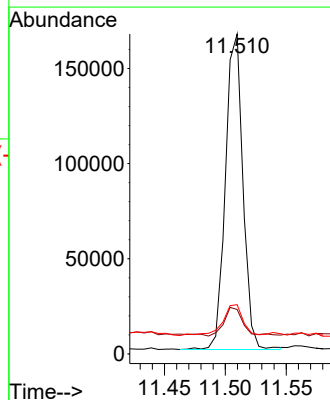
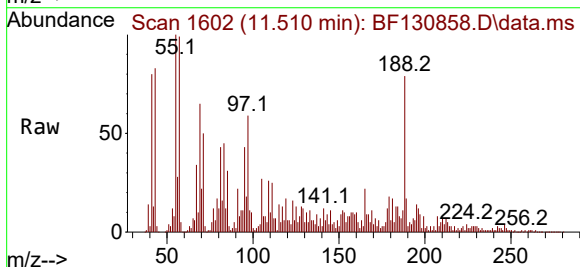
Instrument :
BNA_F
ClientSampleId :
TP6-1024

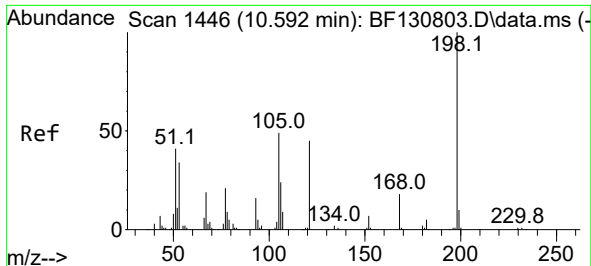
Tgt Ion: 77 Resp: 42250
Ion Ratio Lower Upper
77 100
182 151.3 2.6 42.6#
105 105.9 0.0 40.0#
51 41.1 15.6 55.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.023 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion: 188 Resp: 165952
Ion Ratio Lower Upper
188 100
94 13.9 7.4 11.2#
80 15.4 8.0 12.0#

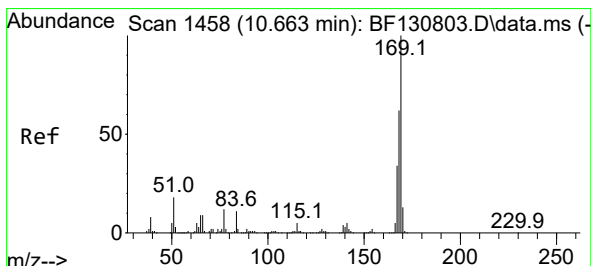
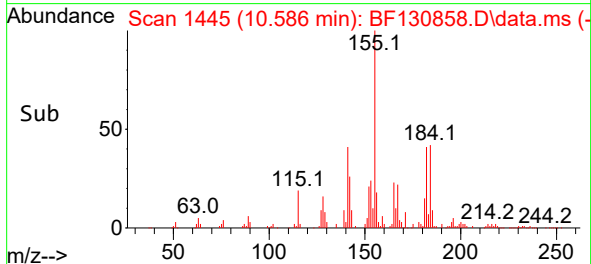
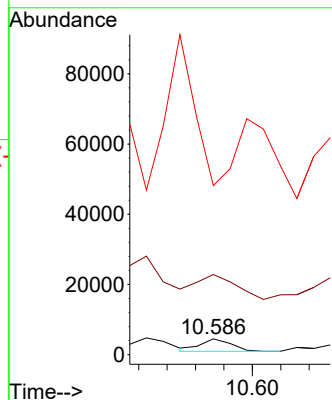
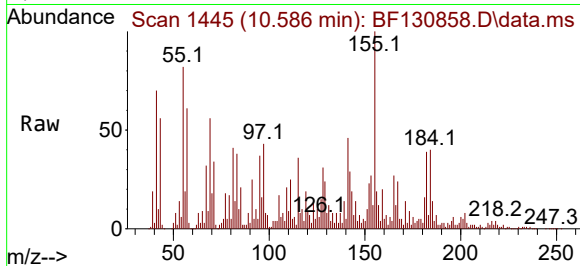




#65
4,6-Dinitro-2-methylphenol
Concen: 11.175 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

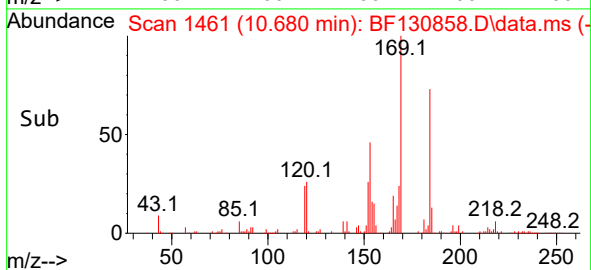
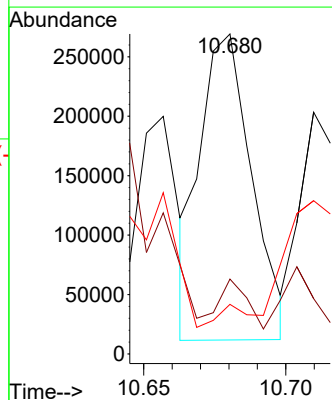
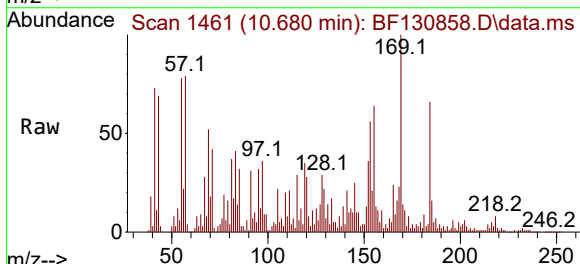
Instrument :
BNA_F
ClientSampleId :
TP6-1024

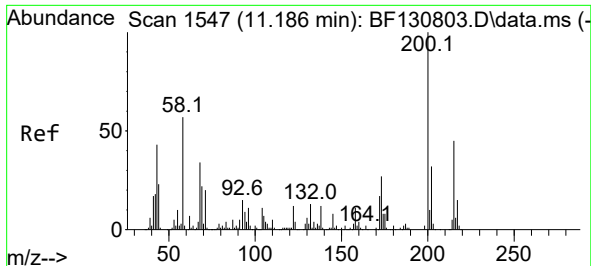
Tgt Ion:198 Resp: 2697
Ion Ratio Lower Upper
198 100
51 505.8 39.0 79.0#
105 1066.2 30.6 70.6#



#66
n-Nitrosodiphenylamine
Concen: 62.704 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.023 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion:169 Resp: 324577
Ion Ratio Lower Upper
169 100
168 23.4 49.4 74.0#
167 15.5 27.4 41.2#

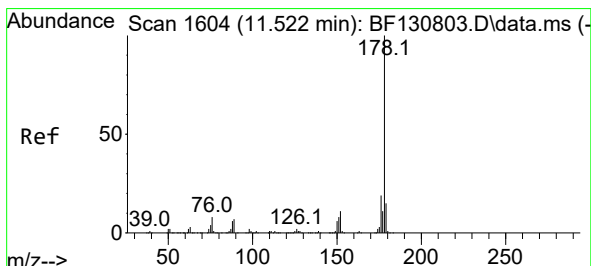
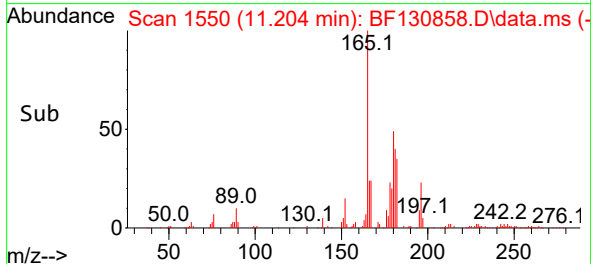
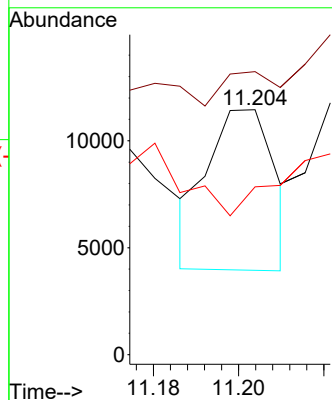
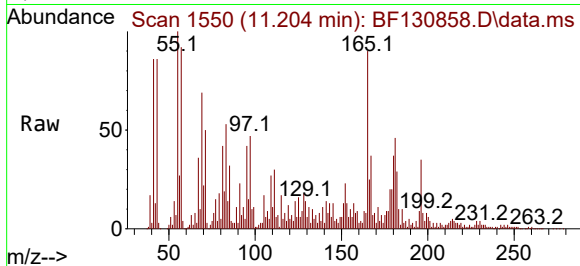




#69
 Atrazine
 Concen: 5.506 ng
 RT: 11.204 min Scan# 11
 Delta R.T. 0.023 min
 Lab File: BF130858.D
 Acq: 29 Oct 2022 15:44

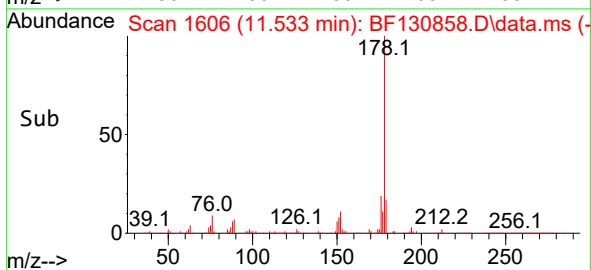
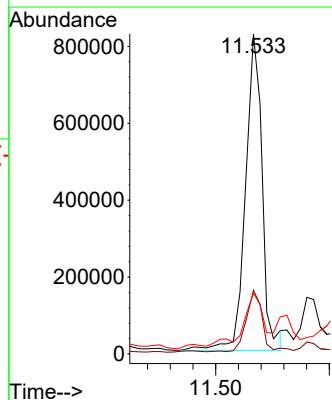
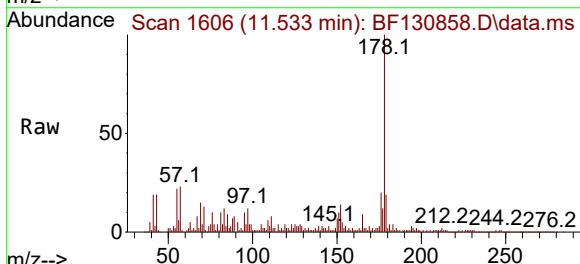
Instrument :
 BNA_F
 ClientSampleId :
 TP6-1024

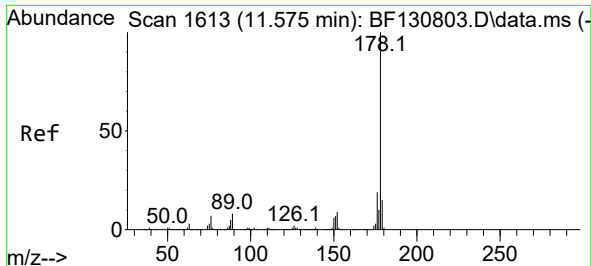
Tgt Ion:200 Resp: 8231
 Ion Ratio Lower Upper
 200 100
 173 115.5 7.1 47.1#
 215 68.5 25.4 65.4#



#71
 Phenanthrene
 Concen: 97.949 ng
 RT: 11.533 min Scan# 1606
 Delta R.T. 0.023 min
 Lab File: BF130858.D
 Acq: 29 Oct 2022 15:44

Tgt Ion:178 Resp: 838965
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.5 23.3
 179 18.9 12.2 18.2#

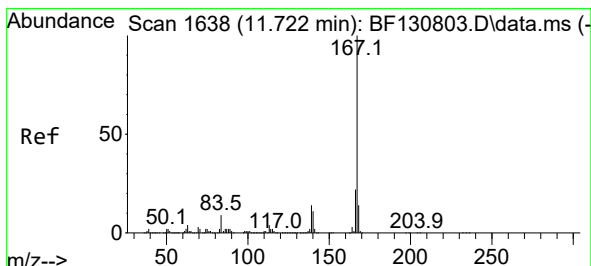
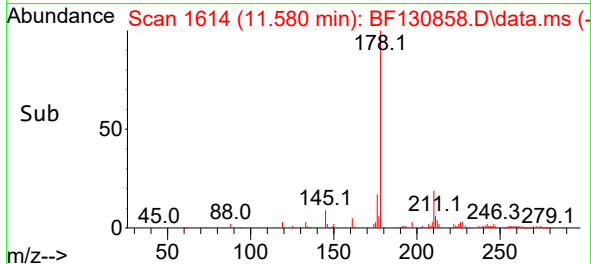
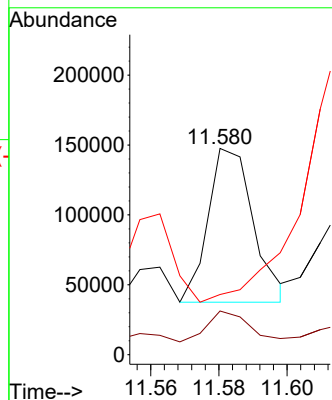
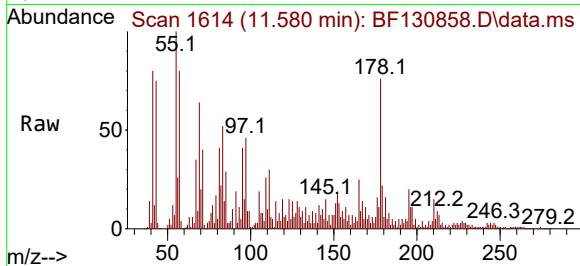




#72
 Anthracene
 Concen: 12.039 ng
 RT: 11.580 min Scan# 1613
 Delta R.T. 0.018 min
 Lab File: BF130858.D
 Acq: 29 Oct 2022 15:44

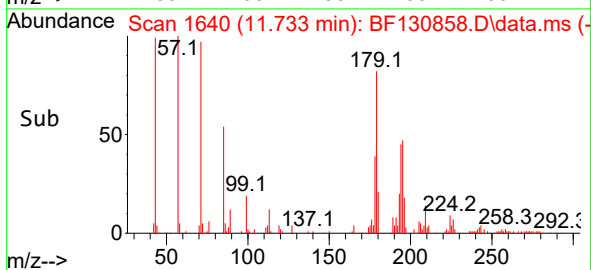
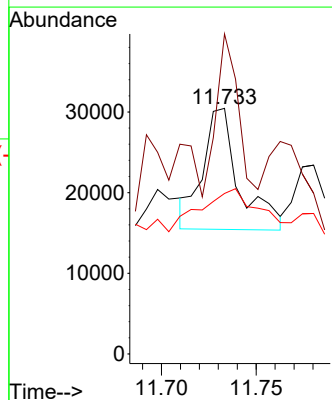
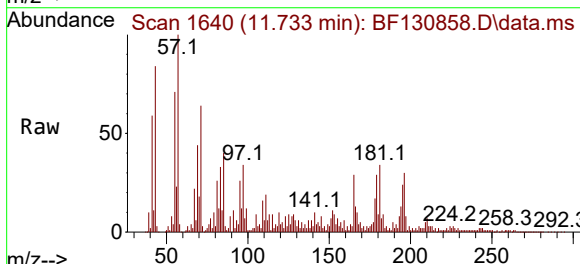
Instrument :
 BNA_F
 ClientSampleId :
 TP6-1024

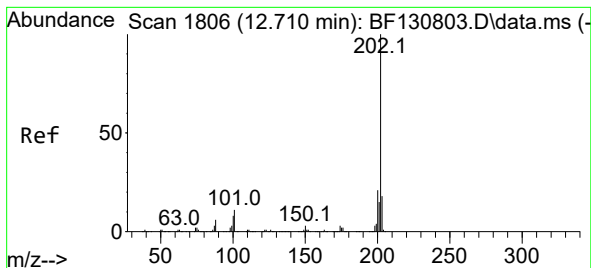
Tgt Ion:178 Resp: 101712
 Ion Ratio Lower Upper
 178 100
 176 21.2 15.4 23.0
 179 29.2 12.2 18.4#



#73
 Carbazole
 Concen: 2.653 ng
 RT: 11.733 min Scan# 1640
 Delta R.T. 0.018 min
 Lab File: BF130858.D
 Acq: 29 Oct 2022 15:44

Tgt Ion:167 Resp: 20073
 Ion Ratio Lower Upper
 167 100
 166 130.3 17.4 26.0#
 139 65.4 11.3 16.9#





#75

Fluoranthene

Concen: 41.059 ng

RT: 12.721 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

Instrument :

BNA_F

ClientSampleId :

TP6-1024

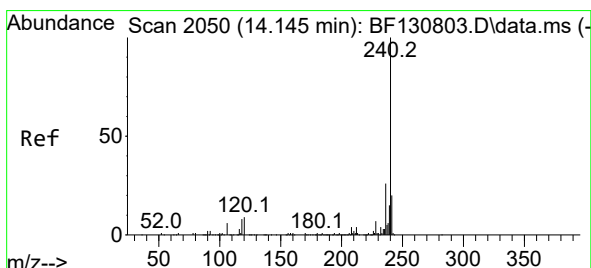
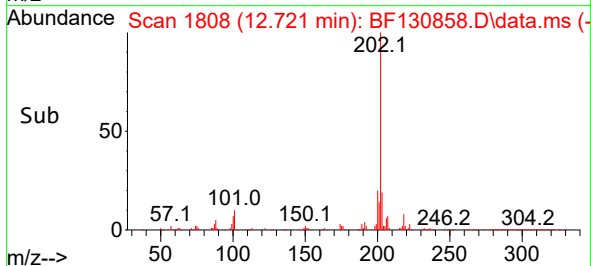
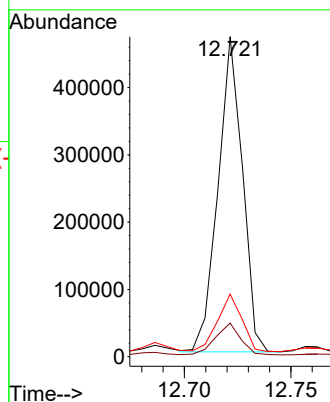
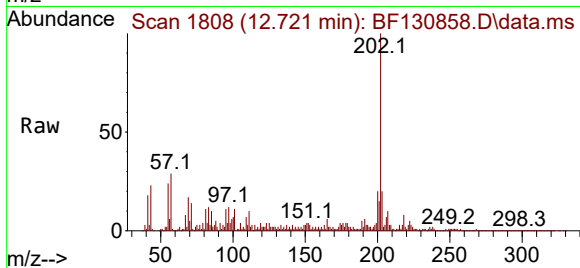
Tgt Ion:202 Resp: 373658

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.9

203 19.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2049

Delta R.T. 0.006 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

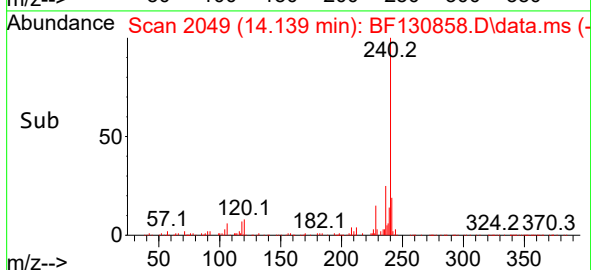
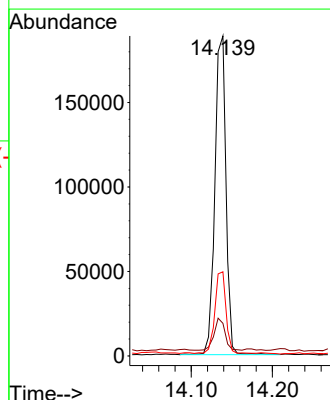
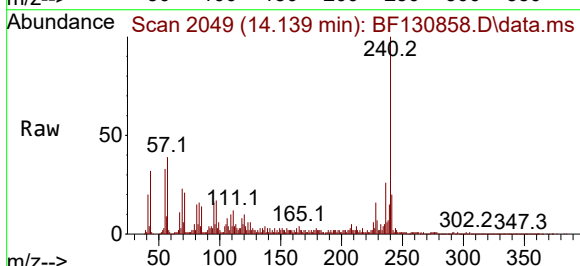
Tgt Ion:240 Resp: 178881

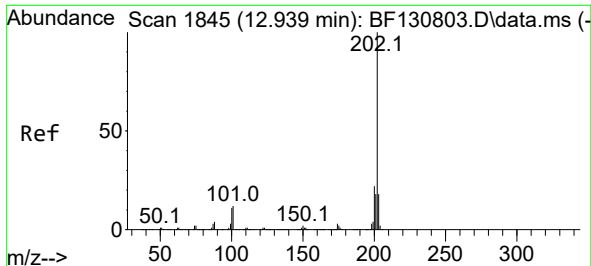
Ion Ratio Lower Upper

240 100

120 10.2 7.0 10.4

236 26.3 20.5 30.7

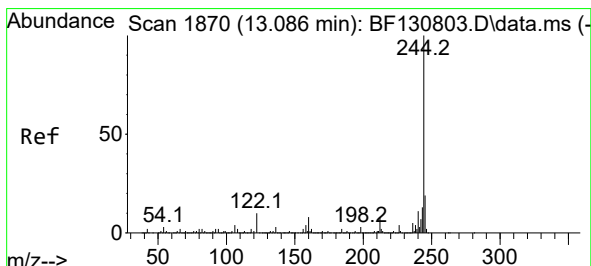
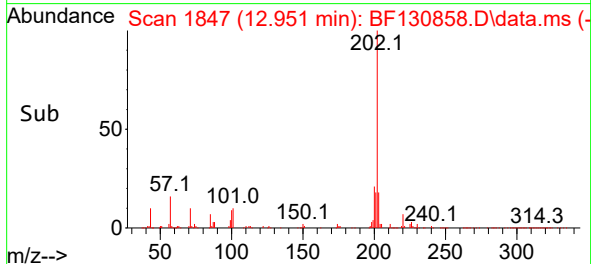
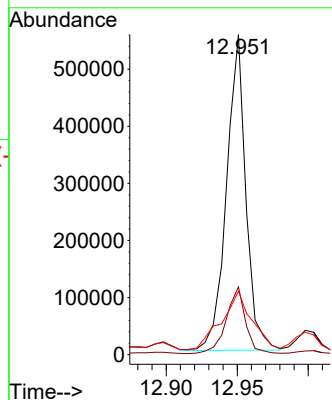
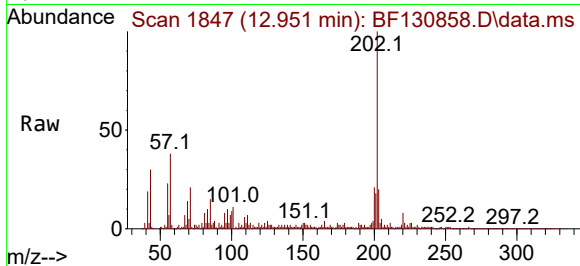




#78
 Pyrene
 Concen: 34.784 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.018 min
 Lab File: BF130858.D
 Acq: 29 Oct 2022 15:44

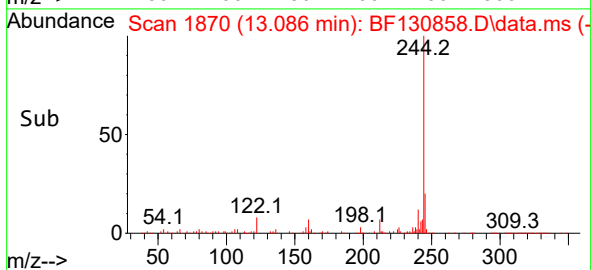
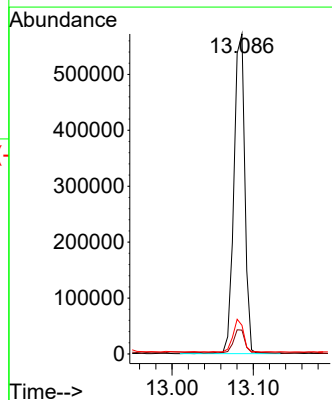
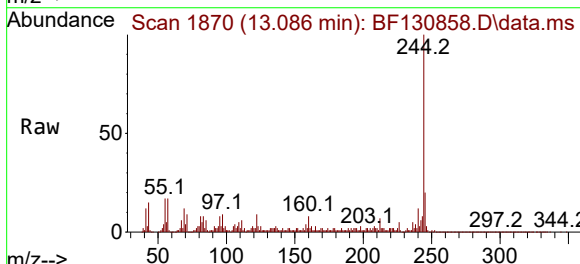
Instrument :
 BNA_F
 ClientSampleId :
 TP6-1024

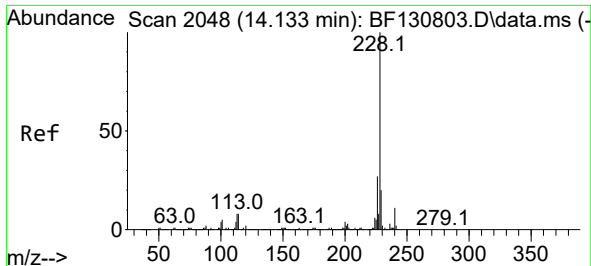
Tgt Ion:202 Resp: 524959
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.2 25.8
 203 19.9 14.5 21.7



#79
 Terphenyl-d14
 Concen: 54.445 ng
 RT: 13.086 min Scan# 1870
 Delta R.T. 0.012 min
 Lab File: BF130858.D
 Acq: 29 Oct 2022 15:44

Tgt Ion:244 Resp: 531487
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.0 7.9 11.9

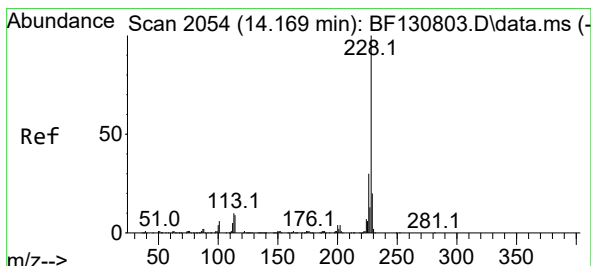
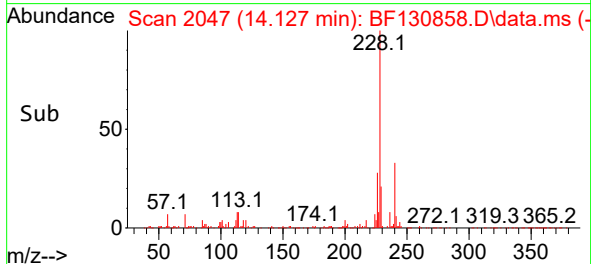
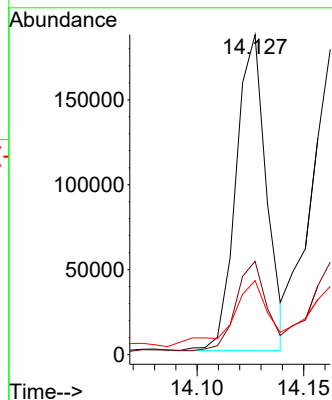
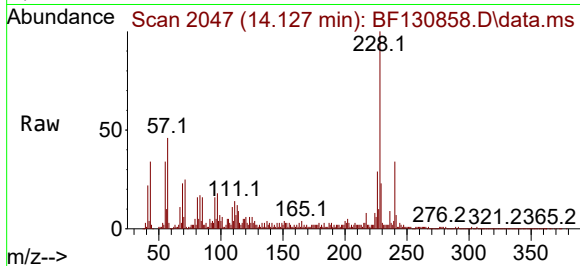




#81
Benzo(a)anthracene
Concen: 15.570 ng
RT: 14.127 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

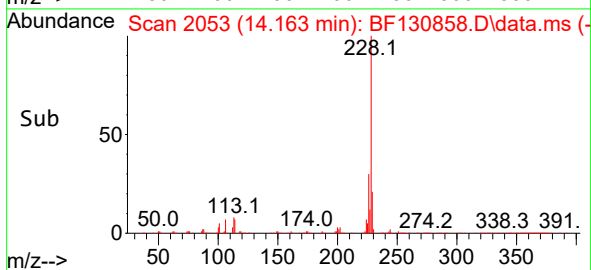
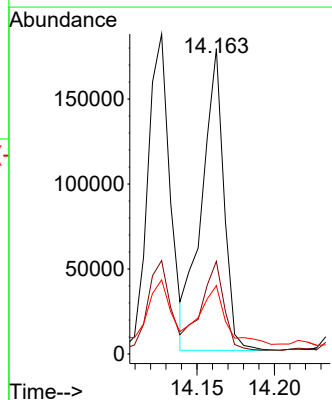
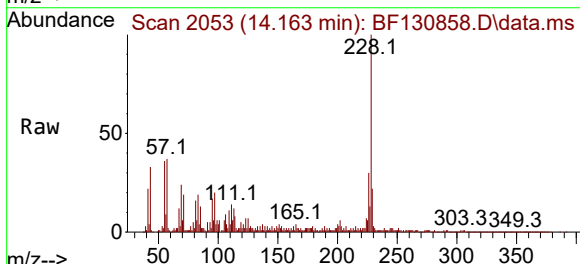
Instrument :
BNA_F
ClientSampleId :
TP6-1024

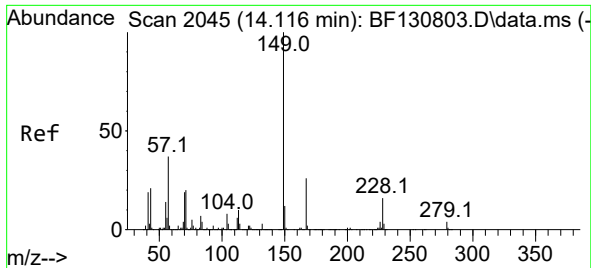
Tgt Ion:228 Resp: 184660
Ion Ratio Lower Upper
228 100
226 29.2 21.4 32.2
229 23.2 15.8 23.6



#83
Chrysene
Concen: 15.413 ng
RT: 14.163 min Scan# 2053
Delta R.T. 0.006 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion:228 Resp: 176318
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 22.4 15.8 23.6

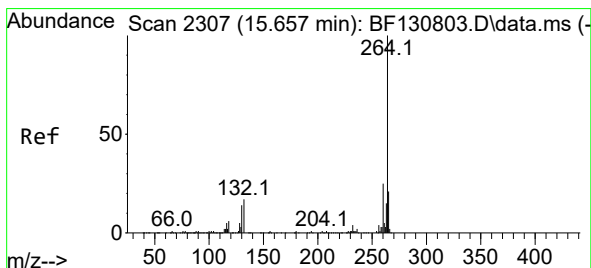
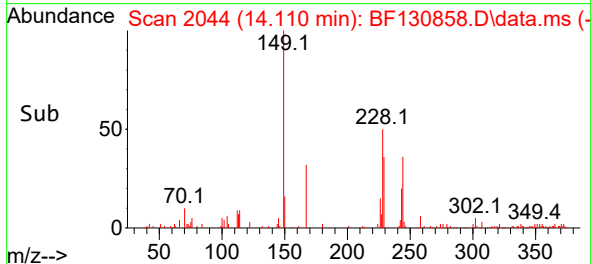
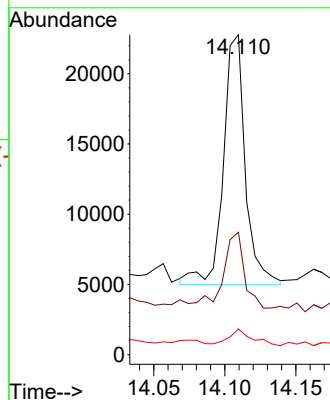
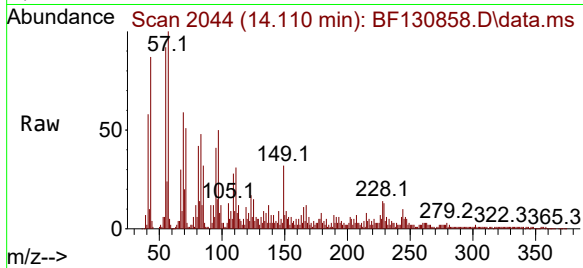




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.936 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

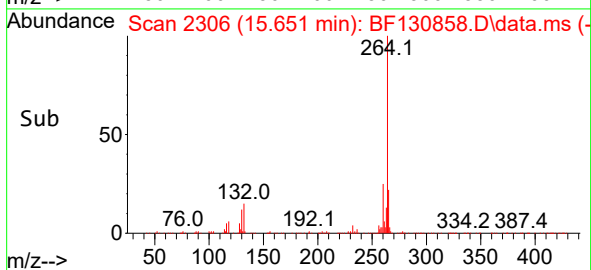
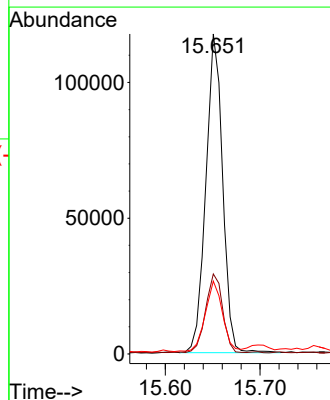
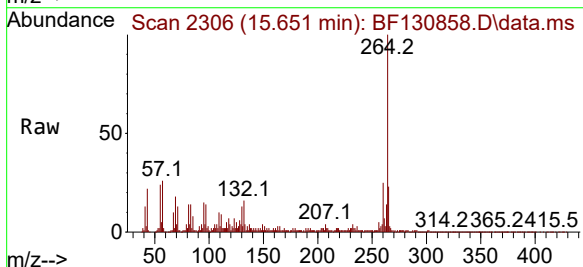
Instrument :
BNA_F
ClientSampleId :
TP6-1024

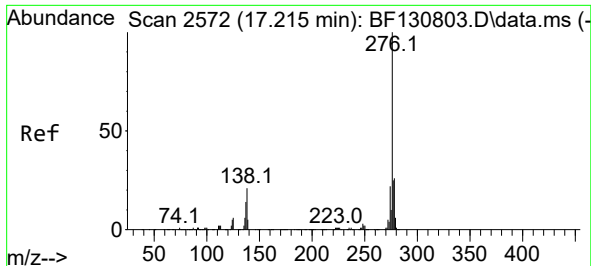
Tgt Ion:149 Resp: 19168
Ion Ratio Lower Upper
149 100
167 38.3 21.0 31.4#
279 8.0 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2306
Delta R.T. 0.006 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion:264 Resp: 144113
Ion Ratio Lower Upper
264 100
260 25.0 19.9 29.9
265 22.7 17.0 25.6

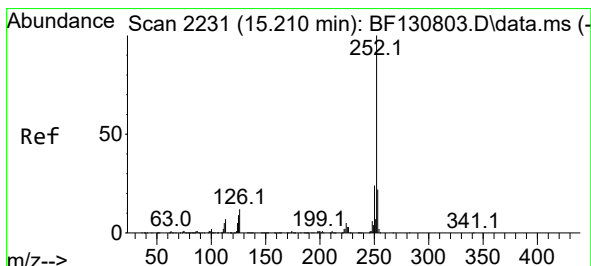
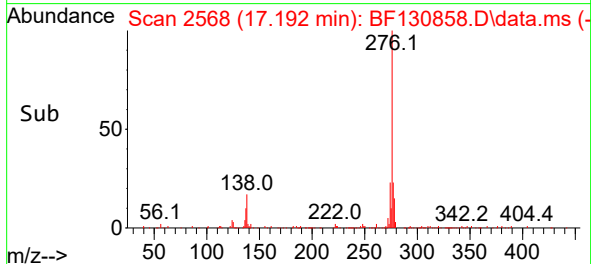
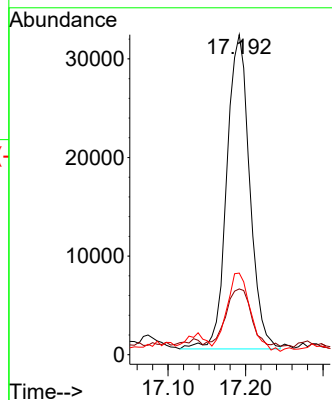
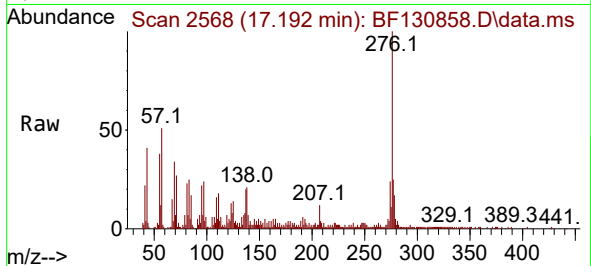




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.856 ng
RT: 17.192 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

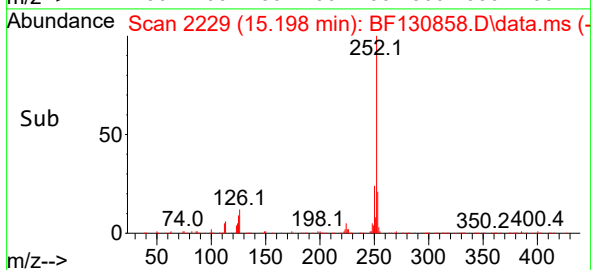
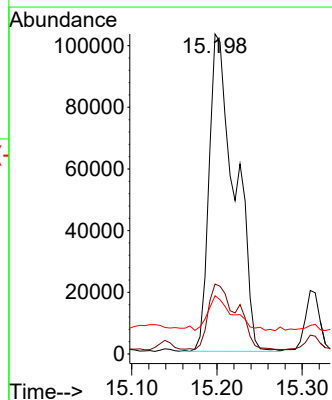
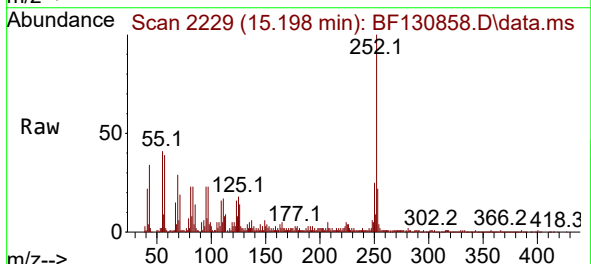
Instrument :
BNA_F
ClientSampleId :
TP6-1024

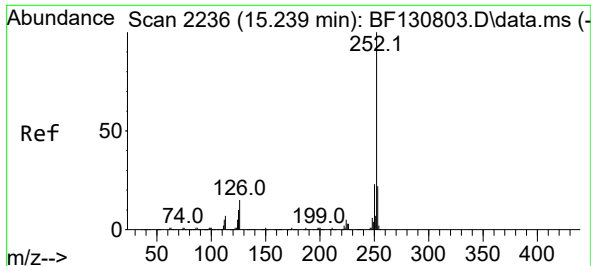
Tgt Ion:276 Resp: 65618
Ion Ratio Lower Upper
276 100
138 19.9 19.1 28.7
277 25.8 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 23.267 ng
RT: 15.198 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BF130858.D
Acq: 29 Oct 2022 15:44

Tgt Ion:252 Resp: 216754
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 18.2 7.0 10.4#





#89

Benzo(k)fluoranthene

Concen: 23.878 ng

RT: 15.198 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

Instrument :

BNA_F

ClientSampleId :

TP6-1024

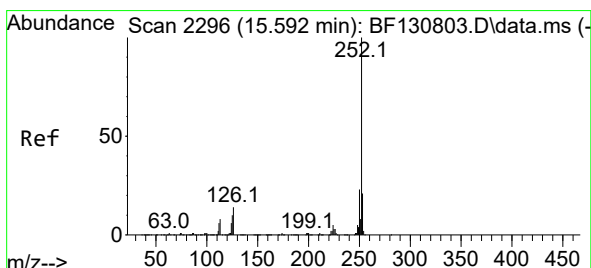
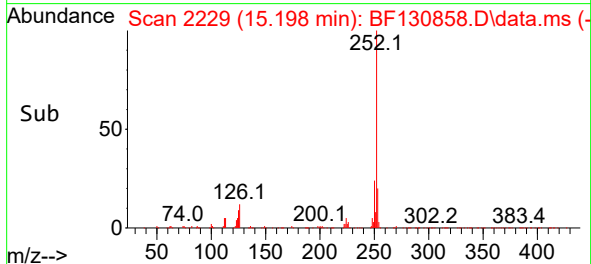
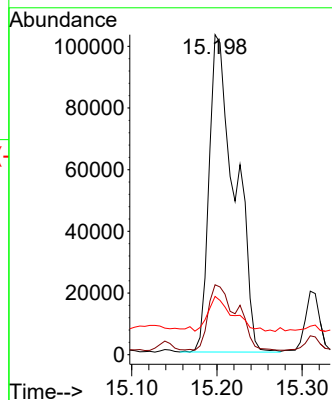
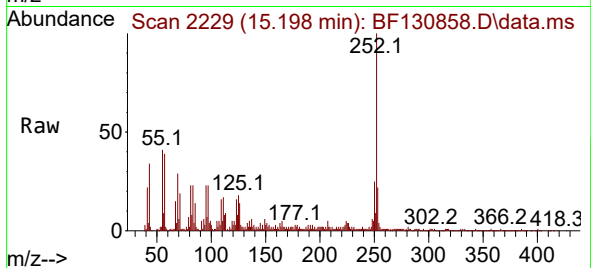
Tgt Ion:252 Resp: 216754

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 18.2 8.0 12.0#



#90

Benzo(a)pyrene

Concen: 17.082 ng

RT: 15.586 min Scan# 2295

Delta R.T. 0.006 min

Lab File: BF130858.D

Acq: 29 Oct 2022 15:44

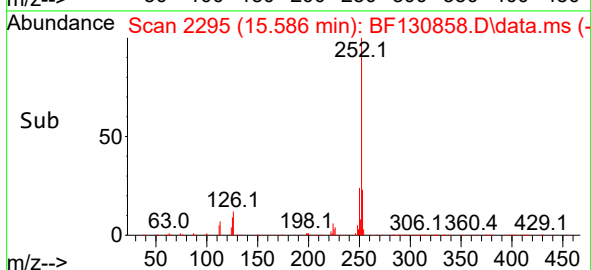
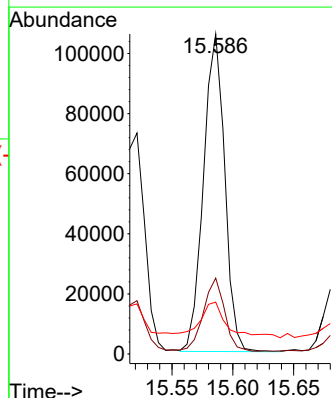
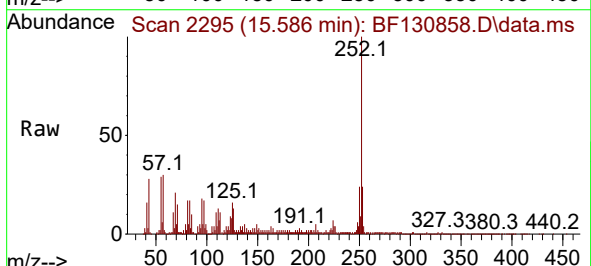
Tgt Ion:252 Resp: 127925

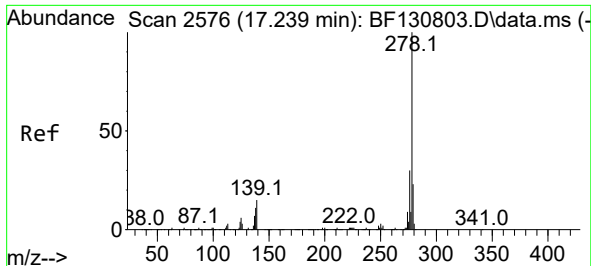
Ion Ratio Lower Upper

252 100

253 23.7 16.8 25.2

125 16.2 8.3 12.5#

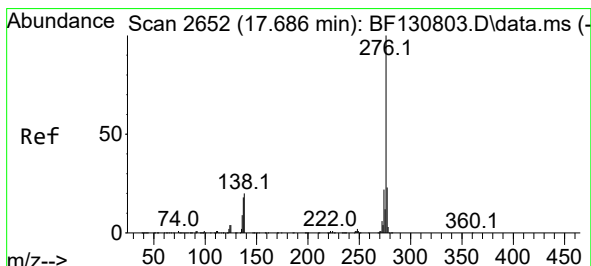
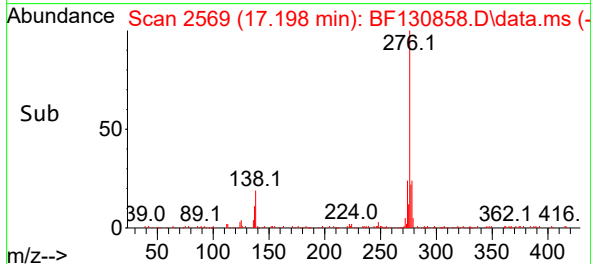
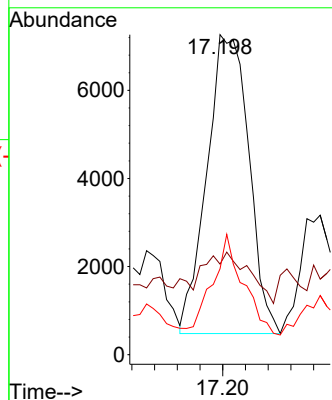
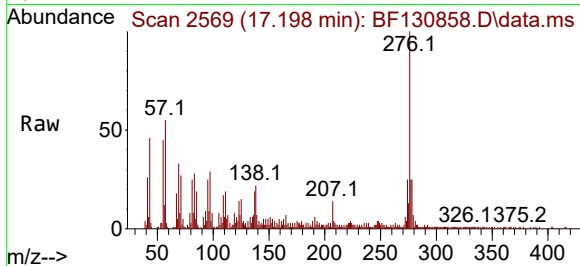




#91
 Dibenzo(a,h)anthracene
 Concen: 2.224 ng
 RT: 17.198 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF130858.D
 Acq: 29 Oct 2022 15:44

Instrument :
 BNA_F
 ClientSampleId :
 TP6-1024

Tgt Ion:278 Resp: 17354
 Ion Ratio Lower Upper
 278 100
 139 28.3 11.9 17.9#
 279 26.8 18.6 28.0



#92
 Benzo(g,h,i)perylene
 Concen: 8.630 ng
 RT: 17.662 min Scan# 2648
 Delta R.T. -0.006 min
 Lab File: BF130858.D
 Acq: 29 Oct 2022 15:44

Tgt Ion:276 Resp: 68686
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.8 28.2
 138 17.7 16.3 24.5

