

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128792.D
 Acq On : 13 Jun 2022 19:14
 Operator : CG\JU
 Sample : N3304-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-6

Quant Time: Jun 14 01:56:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	58451	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	194590	20.000	ng	# 0.00
39) Acenaphthene-d10	9.881	164	92952	20.000	ng	0.02
64) Phenanthrene-d10	11.380	188	151340	20.000	ng	# 0.04
76) Chrysene-d12	14.080	240	83138	20.000	ng	# 0.09
86) Perylene-d12	15.592	264	78003	20.000	ng	# 0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	431625	117.621	ng	-0.02
7) Phenol-d6	6.469	99	523722	116.918	ng	-0.01
23) Nitrobenzene-d5	7.375	82	391671	93.713	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	125227	114.022	ng	0.04
45) 2-Fluorobiphenyl	9.181	172	608144	91.648	ng	0.00
79) Terphenyl-d14	12.992	244	518178	108.302	ng	0.06
Target Compounds						
						Qvalue
9) Benzaldehyde	6.363	77	8546	3.132	ng	# 1
15) Benzyl Alcohol	6.957	79	10933	2.917	ng	# 43
18) Hexachloroethane	7.304	117	4132	2.533	ng	# 1
19) n-Nitroso-di-n-propyla...	7.234	70	24543	8.812	ng	# 66
22) Acetophenone	7.204	105	95381	18.741	ng	# 50
24) Nitrobenzene	7.387	77	14659	3.820	ng	# 68
25) Isophorone	7.622	82	60137	9.474	ng	# 1
26) 2-Nitrophenol	7.716	139	9884	5.847	ng	# 1
27) 2,4-Dimethylphenol	7.751	122	8633	3.352	ng	# 1
31) Naphthalene	8.122	128	33418	3.346	ng	# 50
32) Benzoic acid	7.887	122	8723	4.774	ng	# 11
35) Caprolactam	8.557	113	10032	12.172	ng	# 1
37) 2-Methylnaphthalene	8.816	142	52620	8.284	ng	94
38) 1-Methylnaphthalene	8.916	142	91822	14.962	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	4720	2.418	ng	# 20
44) 2,4,5-Trichlorophenol	9.139	196	4879	2.418	ng	# 1
49) Acenaphthylene	9.728	152	16622	2.040	ng	# 1
51) 2,6-Dinitrotoluene	9.657	165	4328	3.447	ng	# 83
53) 3-Nitroaniline	9.839	138	4208	3.088	ng	# 39
55) Dibenzofuran	10.081	168	32264	4.231	ng	# 1
56) 4-Nitrophenol	9.992	139	20463	20.713	ng	# 1
57) 2,4-Dinitrotoluene	10.063	165	5284	3.153	ng	# 65
58) Fluorene	10.439	166	31818	5.381	ng	# 30
62) 4-Nitroaniline	10.339	138	4957	3.592	ng	80
66) n-Nitrosodiphenylamine	10.533	169	92256	19.833	ng	# 66
70) Pentachlorophenol	11.210	266	2183	2.333	ng	# 53
71) Phenanthrene	11.410	178	185404	24.425	ng	# 53
72) Anthracene	11.410	178	185404	24.677	ng	# 52
75) Fluoranthene	12.622	202	51871	6.537	ng	# 11
78) Pyrene	12.863	202	353572	57.162	ng	# 65
81) Benzo(a)anthracene	14.074	228	248559	47.963	ng	# 48
83) Chrysene	14.074	228	248559	50.309	ng	# 54
85) Di-n-octyl phthalate	14.680	149	18811	3.698	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.086	276	37170	7.906	ng	98
88) Benzo(b)fluoranthene	15.145	252	71380	14.321	ng	# 1
89) Benzo(k)fluoranthene	15.145	252	71380	15.224	ng	# 1

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Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

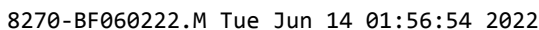
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

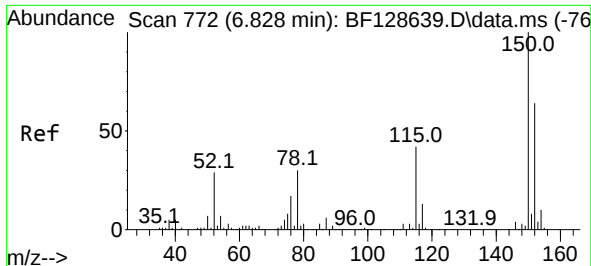
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:28:39 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	15.527	252	71315	18.204	ng #	1
91) Dibenzo(a,h)anthracene	17.086	278	40209	10.311	ng #	1
92) Benzo(g,h,i)perylene	17.539	276	85184	22.040	ng #	80

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

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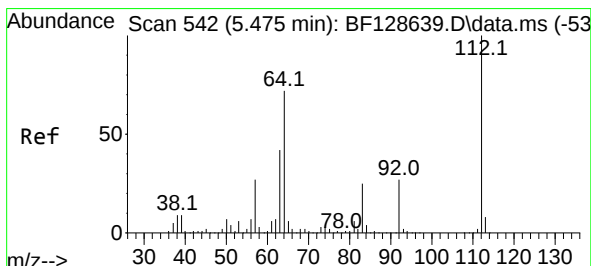
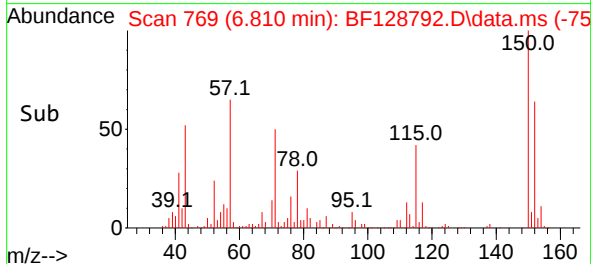
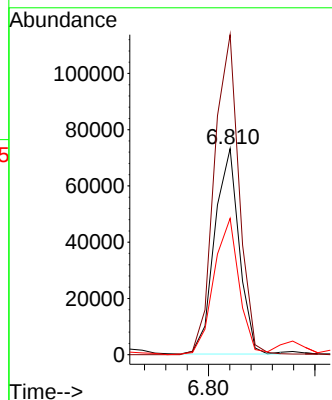
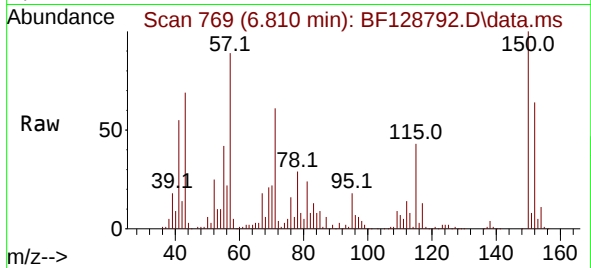




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

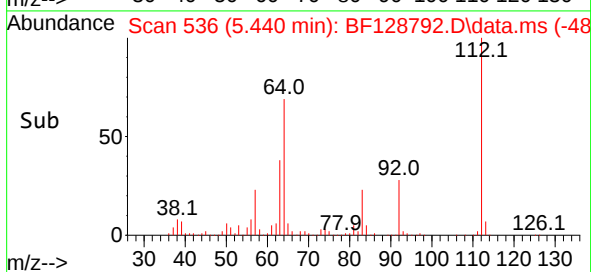
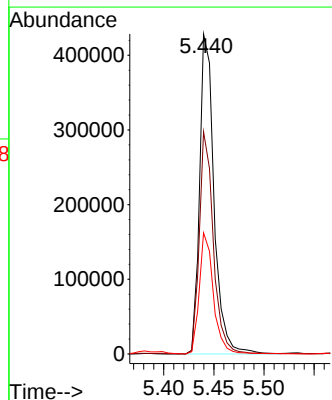
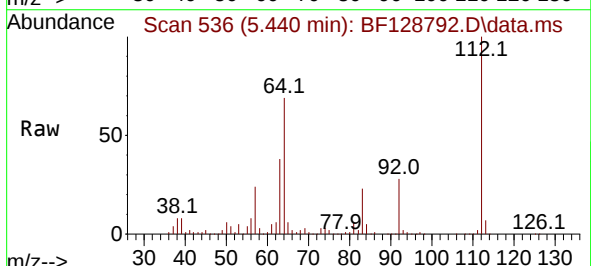
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

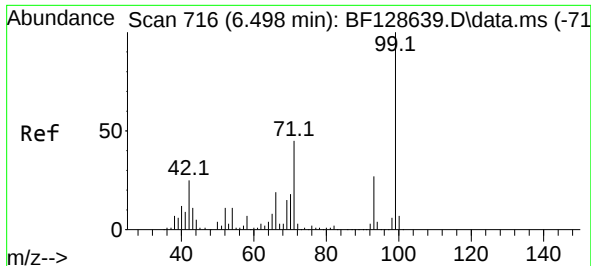
Tgt Ion:152 Resp: 58451
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 66.2 49.9 74.9



#5
2-Fluorophenol
Concen: 117.621 ng
RT: 5.440 min Scan# 536
Delta R.T. -0.018 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

Tgt Ion:112 Resp: 431625
Ion Ratio Lower Upper
112 100
64 69.5 53.3 79.9
63 37.9 28.0 42.0

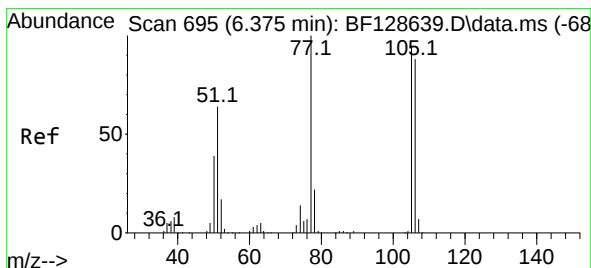
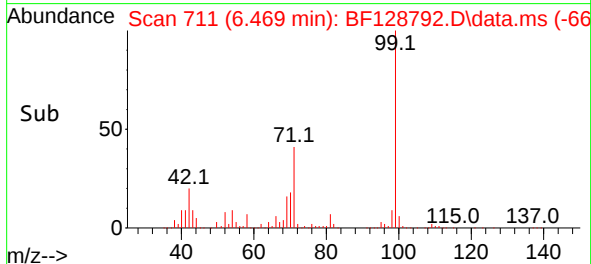
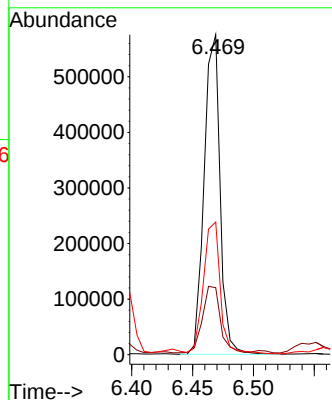
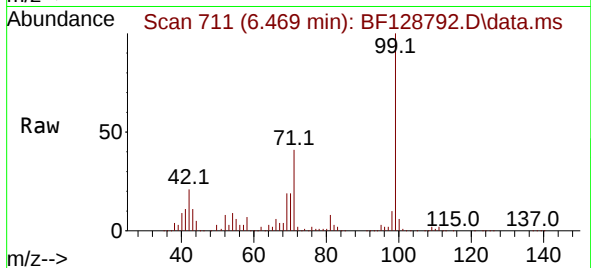




#7
Phenol-d6
Concen: 116.918 ng
RT: 6.469 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

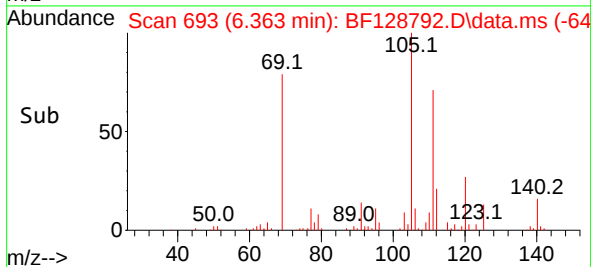
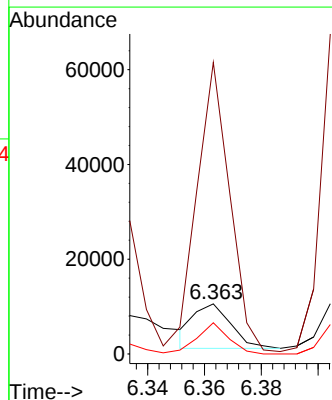
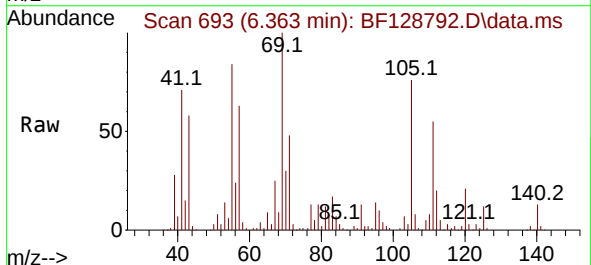
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

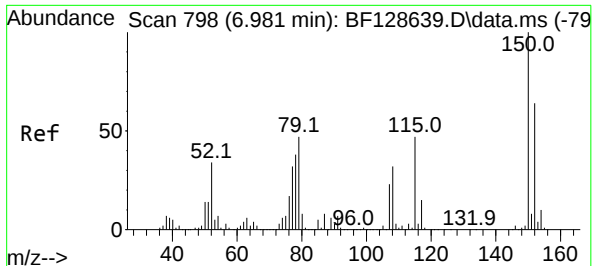
Tgt Ion: 99 Resp: 523722
Ion Ratio Lower Upper
99 100
42 20.9 17.3 25.9
71 41.4 28.9 43.3



#9
Benzaldehyde
Concen: 3.132 ng
RT: 6.363 min Scan# 693
Delta R.T. -0.000 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

Tgt Ion: 77 Resp: 8546
Ion Ratio Lower Upper
77 100
105 582.9 81.6 121.6#
106 62.3 76.1 116.1#





#15

Benzyl Alcohol

Concen: 2.917 ng

RT: 6.957 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-6

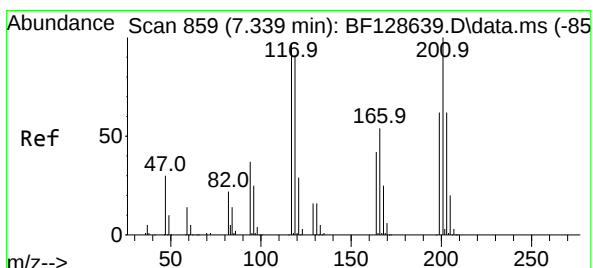
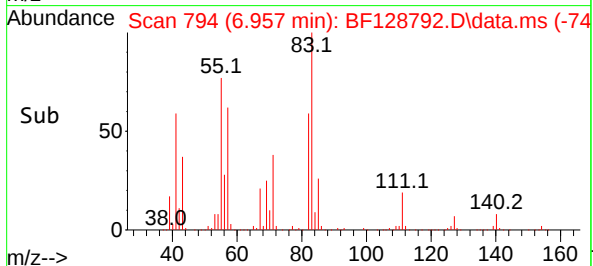
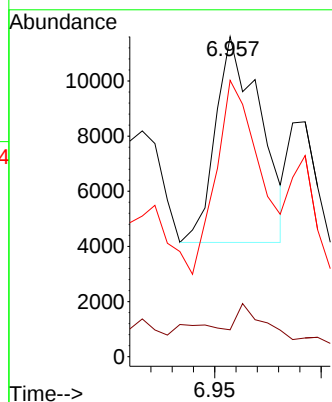
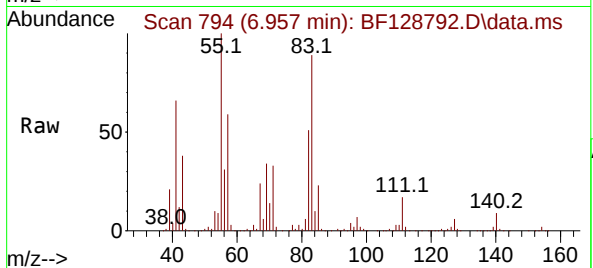
Tgt Ion: 79 Resp: 10933

Ion Ratio Lower Upper

79 100

108 8.4 61.8 92.6#

77 86.3 50.2 75.4#



#18

Hexachloroethane

Concen: 2.533 ng

RT: 7.304 min Scan# 853

Delta R.T. -0.018 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

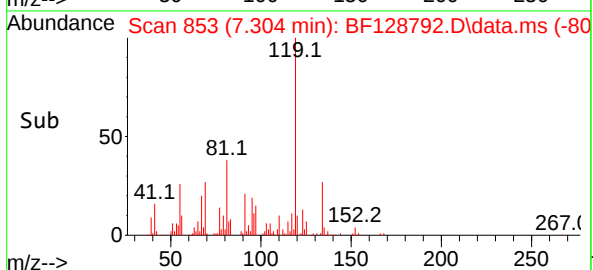
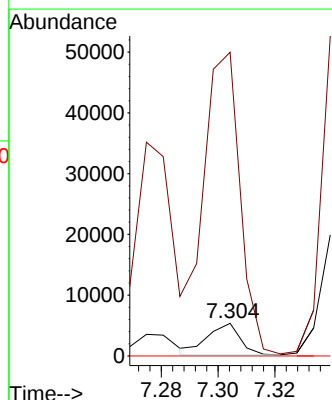
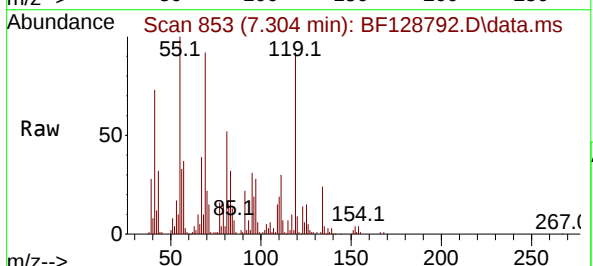
Tgt Ion: 117 Resp: 4132

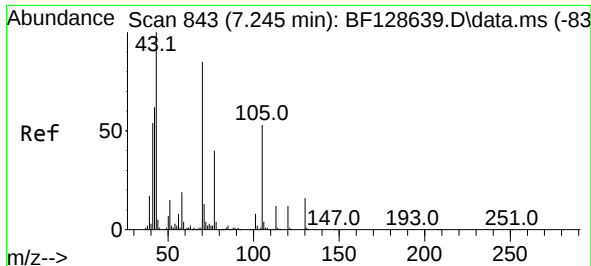
Ion Ratio Lower Upper

117 100

119 928.3 77.4 116.2#

201 0.0 84.6 127.0#





#19

n-Nitroso-di-n-propylamine

Concen: 8.812 ng

RT: 7.234 min Scan# 843

Delta R.T. -0.000 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-6

Tgt Ion: 70 Resp: 24543

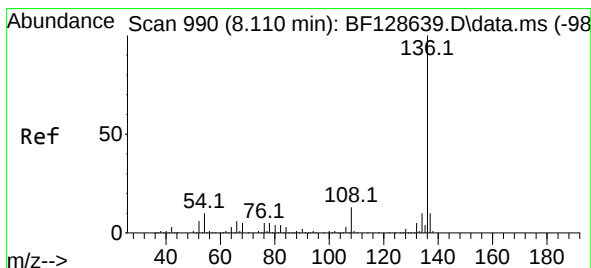
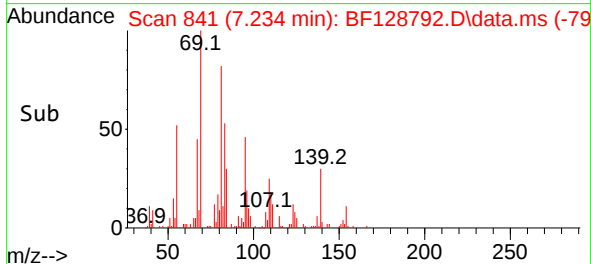
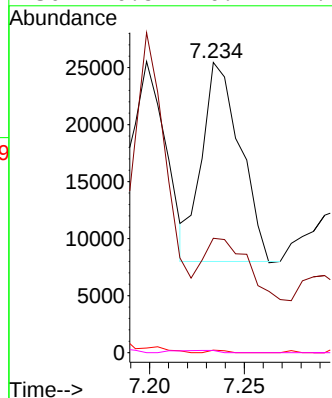
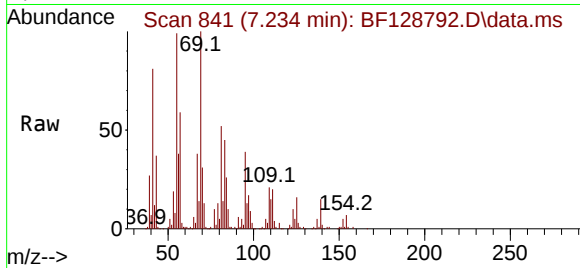
Ion Ratio Lower Upper

70 100

42 39.4 52.3 78.5#

101 0.9 7.5 11.3#

130 0.8 16.1 24.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

Tgt Ion:136 Resp: 194590

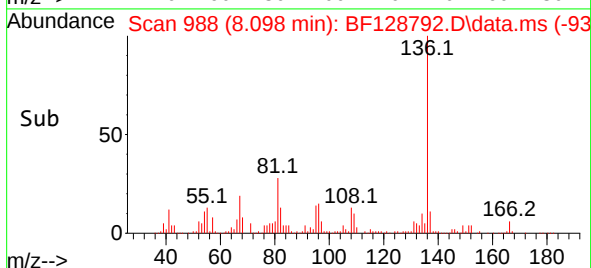
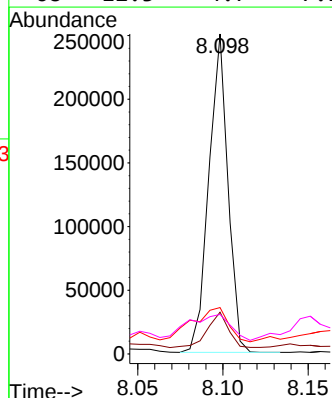
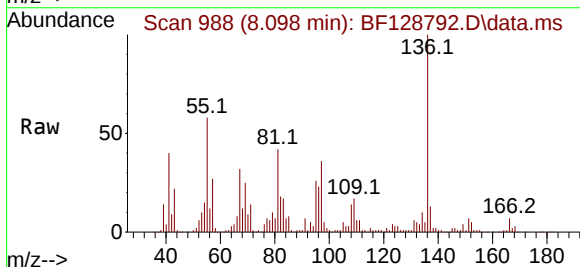
Ion Ratio Lower Upper

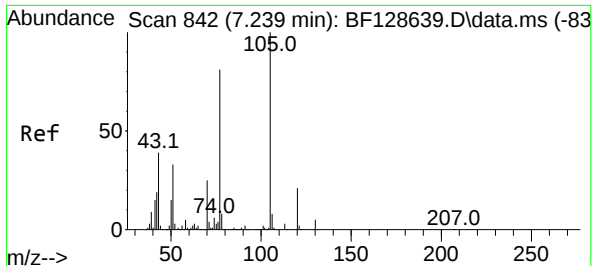
136 100

137 13.1 8.8 13.2

54 14.5 7.5 11.3#

68 12.3 4.7 7.1#

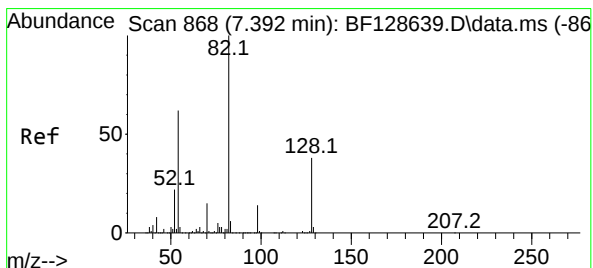
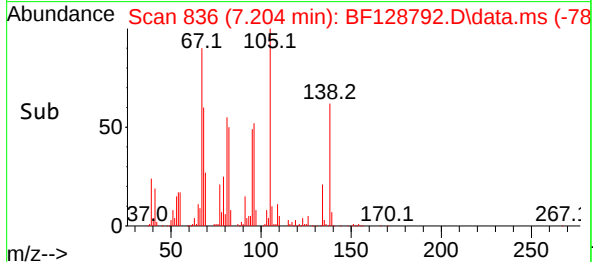
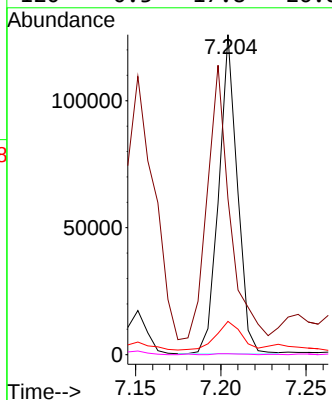
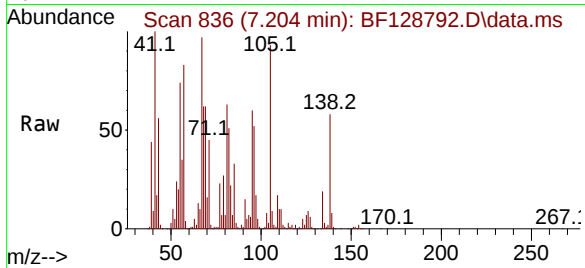




#22
Acetophenone
Concen: 18.741 ng
RT: 7.204 min Scan# 811
Delta R.T. -0.024 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

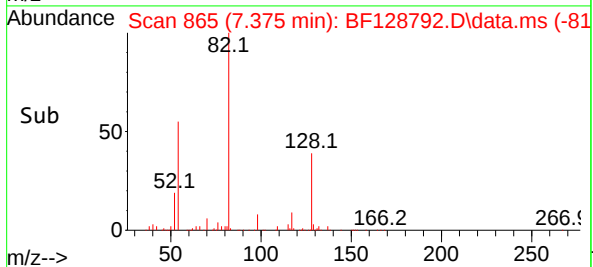
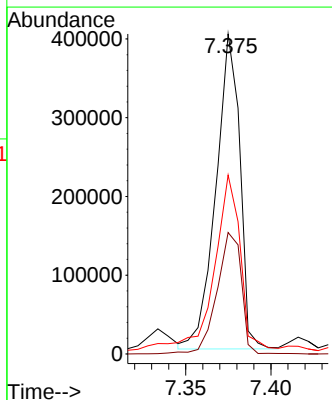
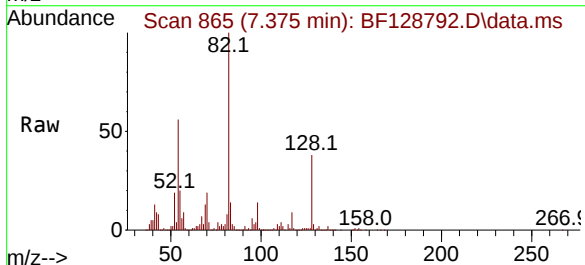
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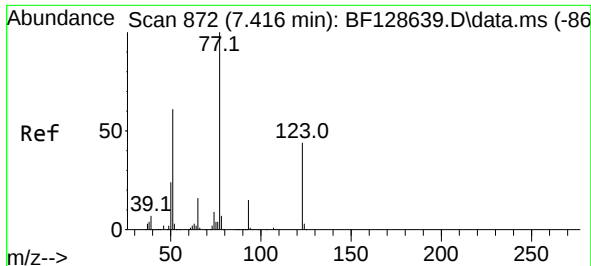
Tgt Ion:105 Resp: 95381
Ion Ratio Lower Upper
105 100
71 48.7 5.0 7.4#
51 10.4 25.0 37.4#
120 0.3 17.8 26.8#



#23
Nitrobenzene-d5
Concen: 93.713 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

Tgt Ion: 82 Resp: 391671
Ion Ratio Lower Upper
82 100
128 38.0 34.0 51.0
54 55.9 46.9 70.3

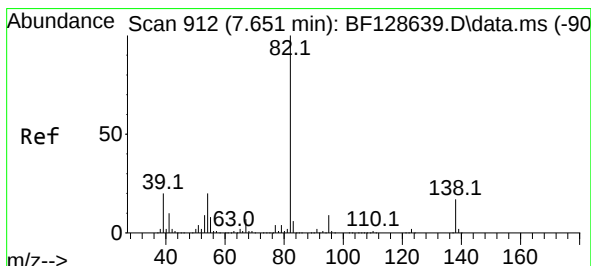
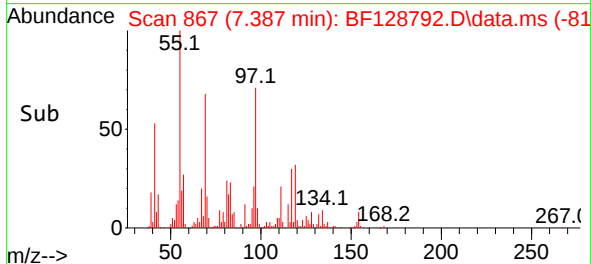
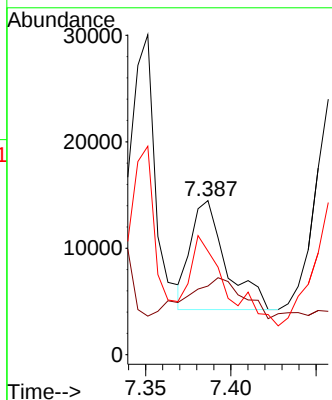
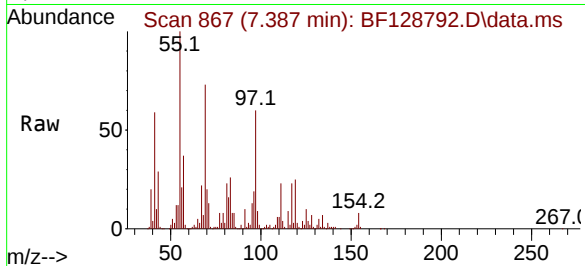




#24
Nitrobenzene
Concen: 3.820 ng
RT: 7.387 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

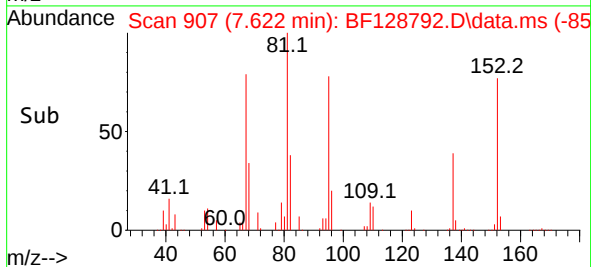
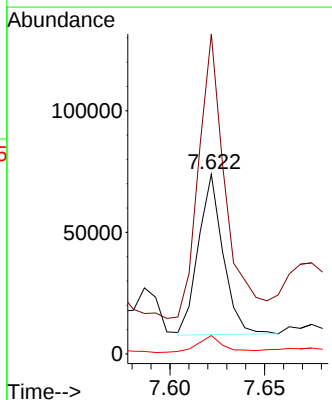
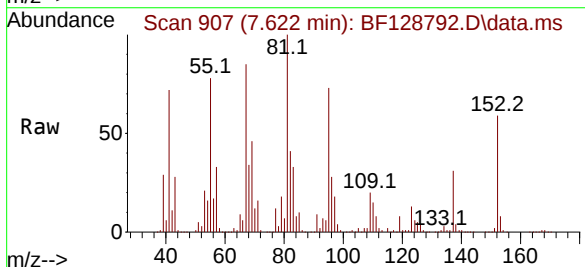
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BNA_F
ClientSampleId :
WC-14A-1A-6

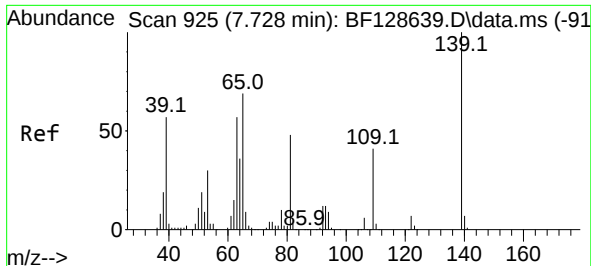
Tgt Ion: 77 Resp: 14659
Ion Ratio Lower Upper
77 100
123 44.6 35.4 53.2
65 67.2 11.8 17.8#



#25
Isophorone
Concen: 9.474 ng
RT: 7.622 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

Tgt Ion: 82 Resp: 60137
Ion Ratio Lower Upper
82 100
95 178.1 5.7 8.5#
138 10.3 14.2 21.2#

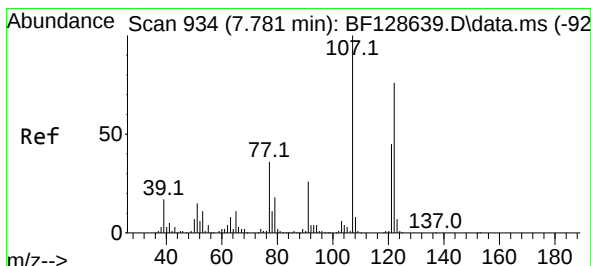
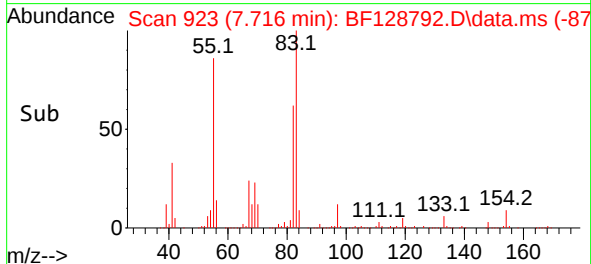
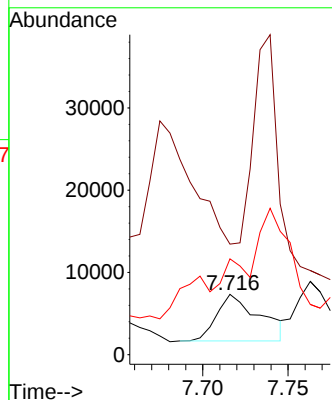
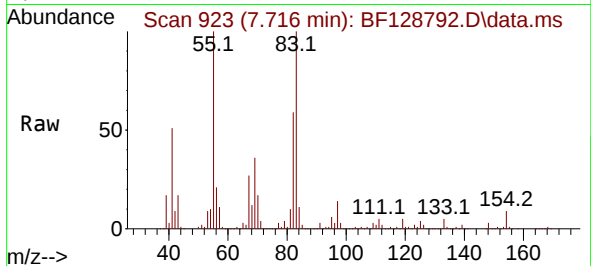




#26
2-Nitrophenol
Concen: 5.847 ng
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

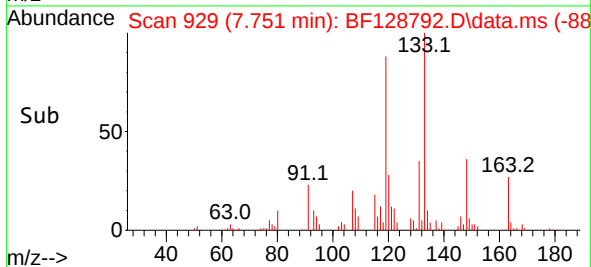
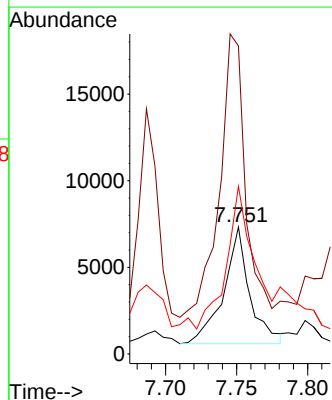
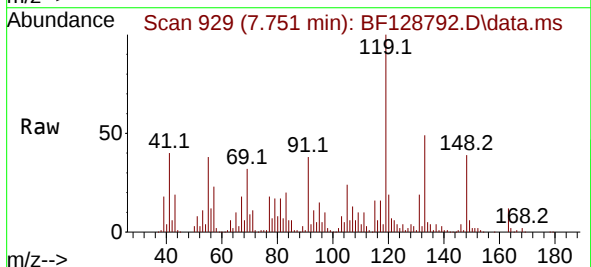
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

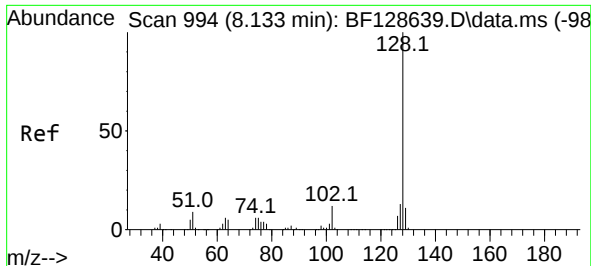
Tgt Ion:139 Resp: 9884
Ion Ratio Lower Upper
139 100
109 183.4 25.0 37.4#
65 159.1 45.1 67.7#



#27
2,4-Dimethylphenol
Concen: 3.352 ng
RT: 7.751 min Scan# 929
Delta R.T. -0.012 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

Tgt Ion:122 Resp: 8633
Ion Ratio Lower Upper
122 100
107 242.9 93.0 139.6#
121 132.2 46.6 70.0#

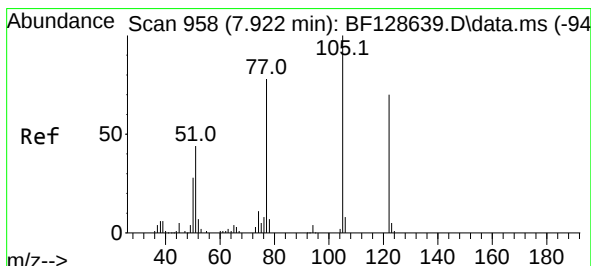
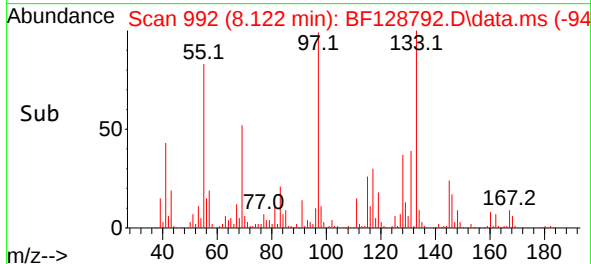
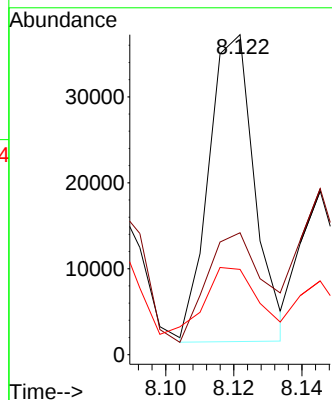
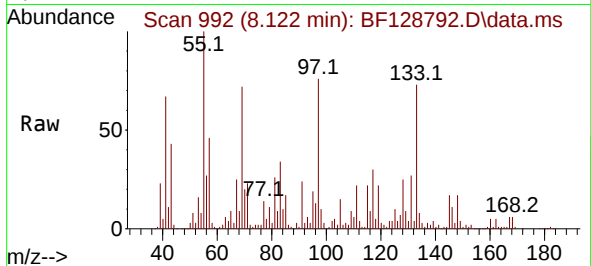




#31
Naphthalene
Concen: 3.346 ng
RT: 8.122 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

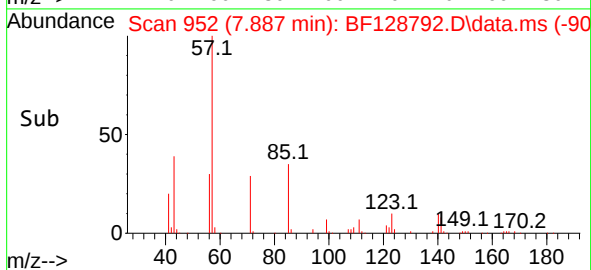
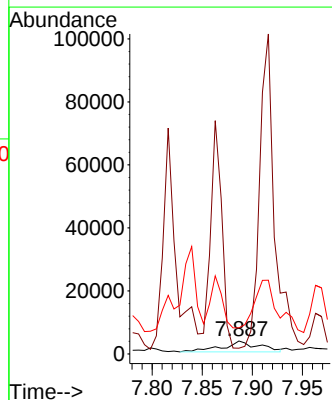
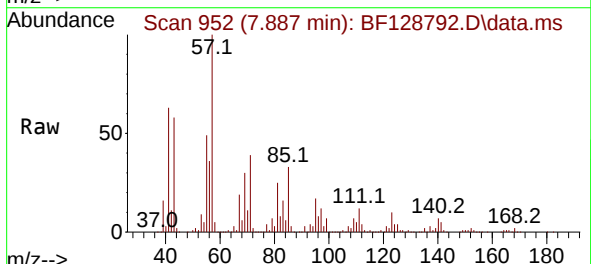
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

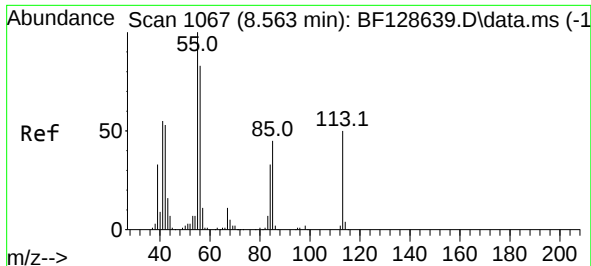
Tgt Ion:128 Resp: 33418
Ion Ratio Lower Upper
128 100
129 38.1 9.2 13.8#
127 26.6 10.5 15.7#



#32
Benzoic acid
Concen: 4.774 ng
RT: 7.887 min Scan# 952
Delta R.T. -0.024 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

Tgt Ion:122 Resp: 8723
Ion Ratio Lower Upper
122 100
105 44.5 107.1 147.1#
77 202.8 74.2 114.2#

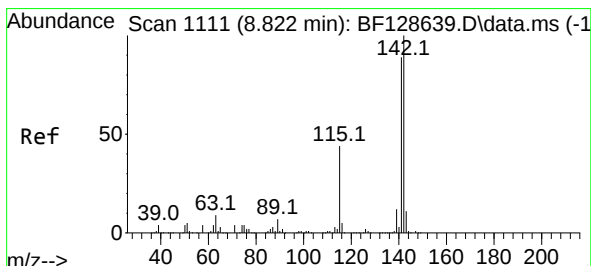
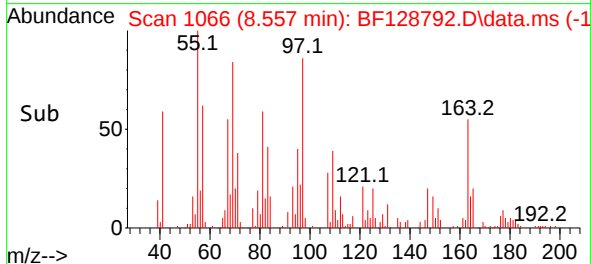
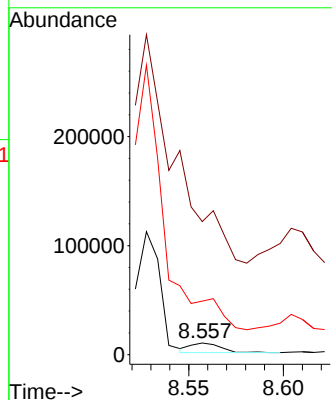
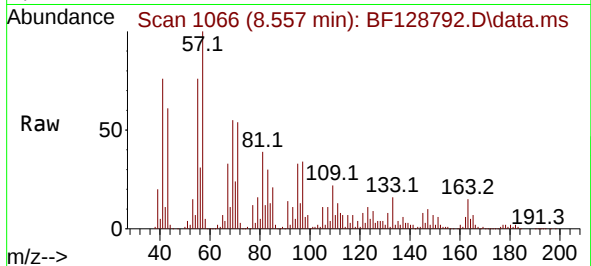




#35
 Caprolactam
 Concen: 12.172 ng
 RT: 8.557 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF128792.D
 Acq: 13 Jun 2022 19:14

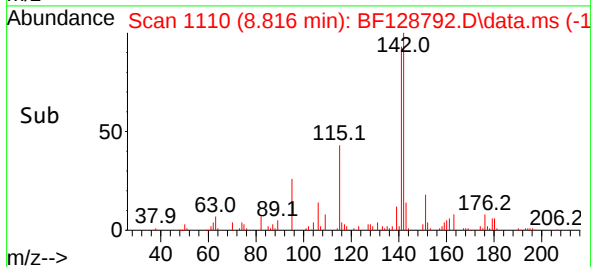
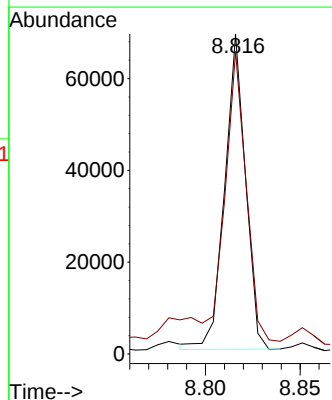
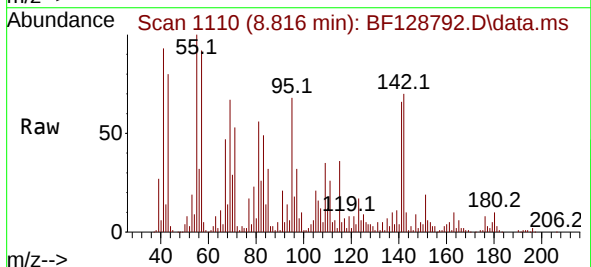
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-6

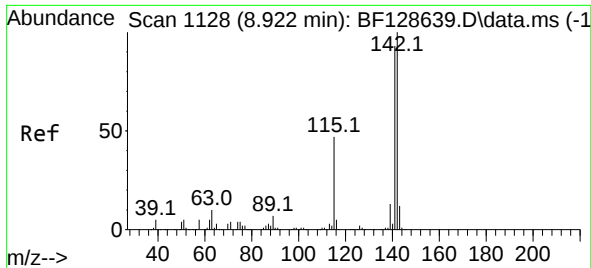
Tgt Ion:113 Resp: 10032
 Ion Ratio Lower Upper
 113 100
 55 1134.8 188.5 228.5#
 56 456.6 130.6 170.6#



#37
 2-Methylnaphthalene
 Concen: 8.284 ng
 RT: 8.816 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: BF128792.D
 Acq: 13 Jun 2022 19:14

Tgt Ion:142 Resp: 52620
 Ion Ratio Lower Upper
 142 100
 141 94.5 71.0 106.4

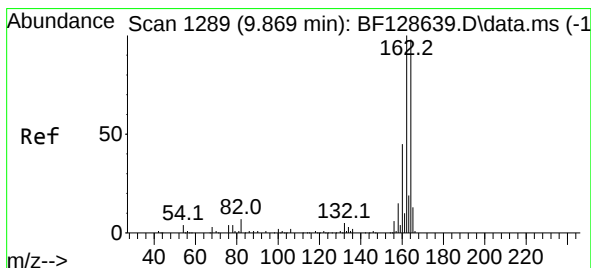
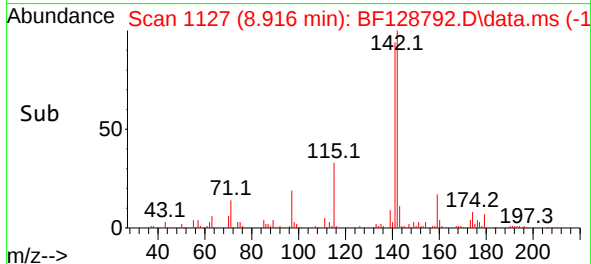
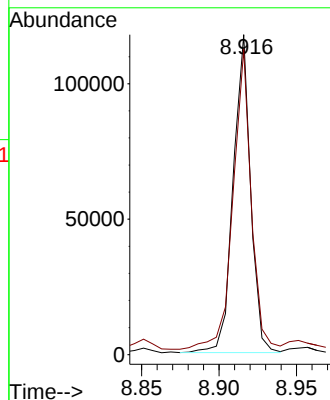
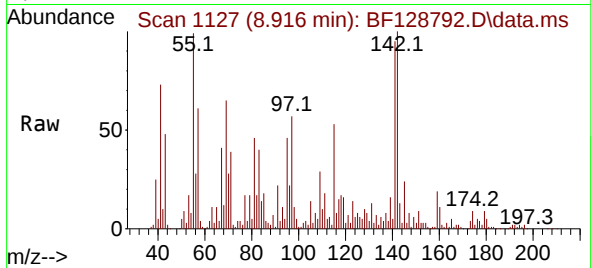




#38
1-Methylnaphthalene
Concen: 14.962 ng
RT: 8.916 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

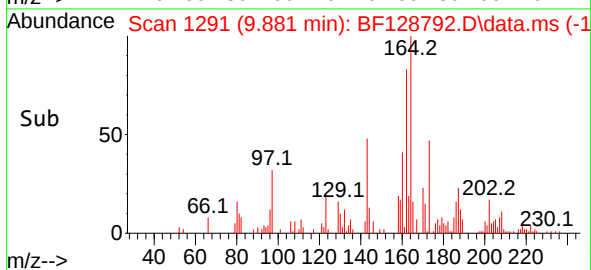
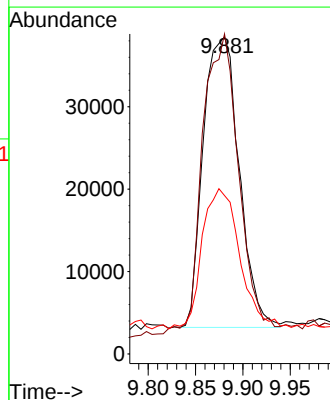
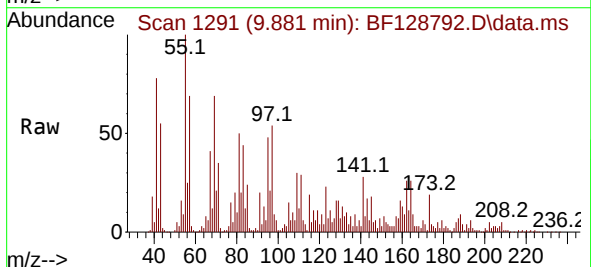
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

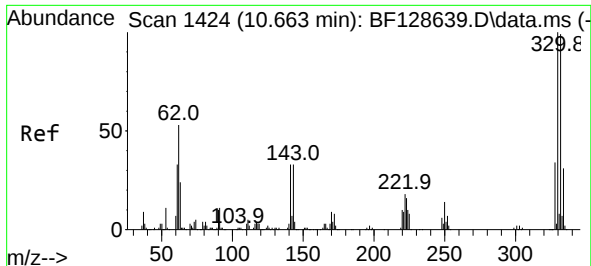
Tgt Ion:142 Resp: 91822
Ion Ratio Lower Upper
142 100
141 95.4 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.023 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

Tgt Ion:164 Resp: 92952
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 49.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 114.022 ng

RT: 10.686 min Scan# 1428

Delta R.T. 0.035 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-6

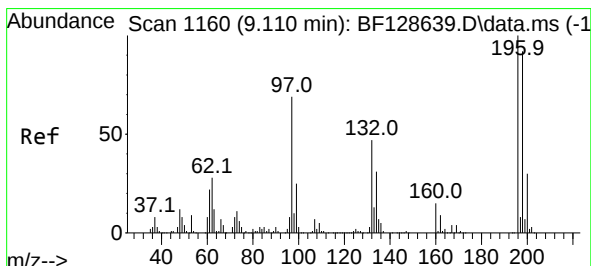
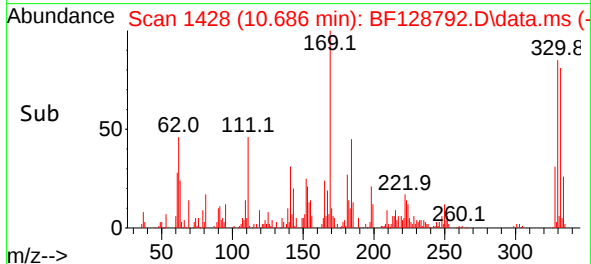
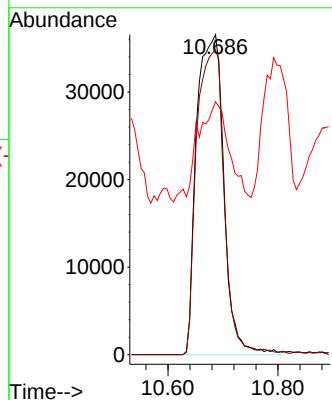
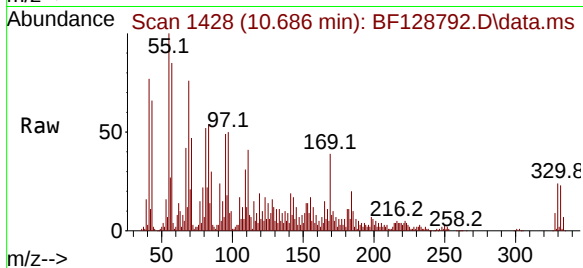
Tgt Ion:330 Resp: 125227

Ion Ratio Lower Upper

330 100

332 95.2 76.8 115.2

141 36.2 28.0 42.0



#43

2,4,6-Trichlorophenol

Concen: 2.418 ng

RT: 9.139 min Scan# 1165

Delta R.T. 0.041 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

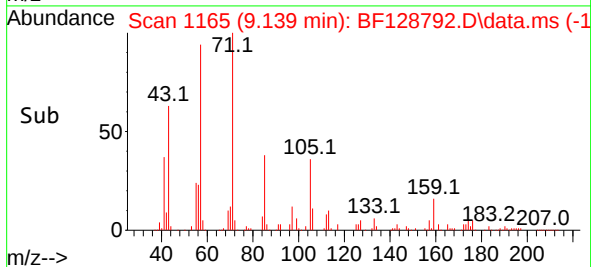
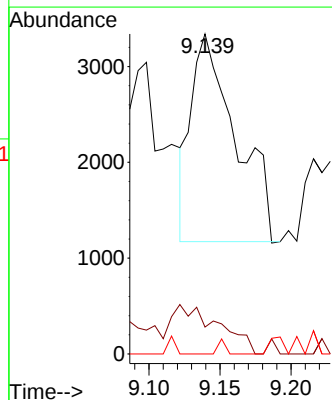
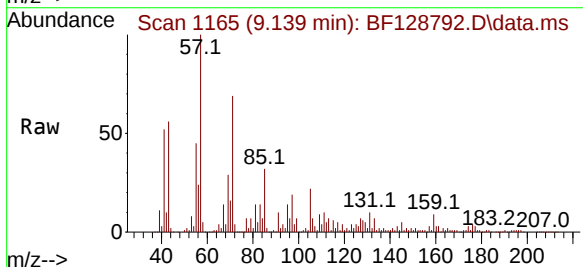
Tgt Ion:196 Resp: 4720

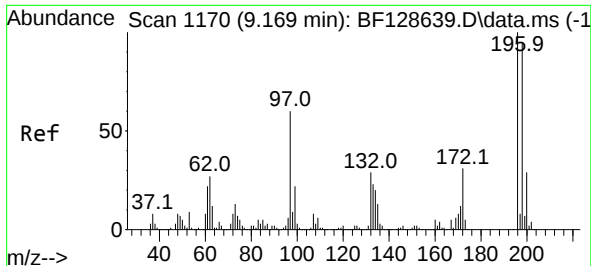
Ion Ratio Lower Upper

196 100

198 8.4 74.0 111.0#

200 0.0 24.1 36.1#

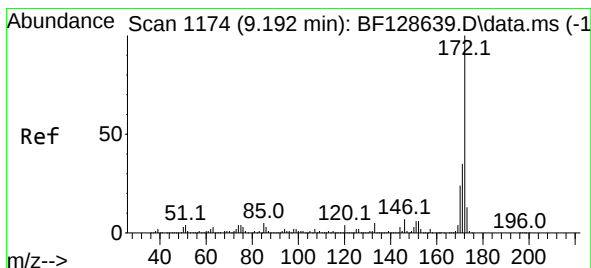
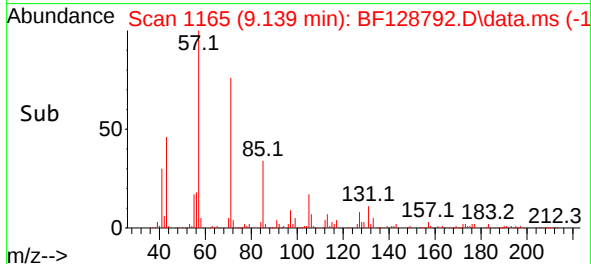
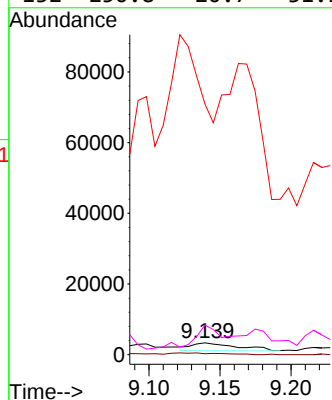
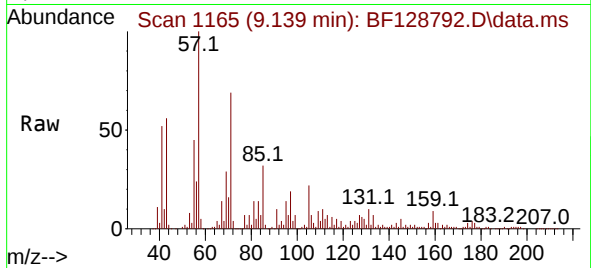




#44
2,4,5-Trichlorophenol
Concen: 2.418 ng
RT: 9.139 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

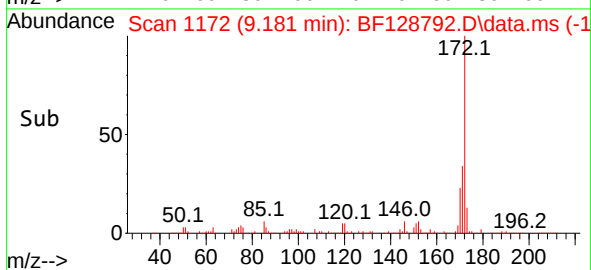
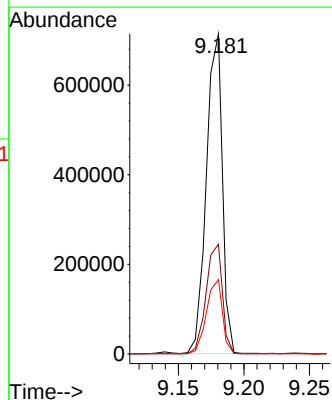
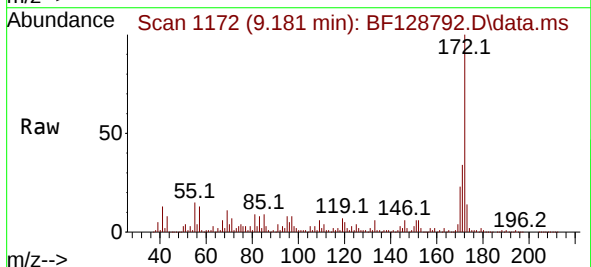
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

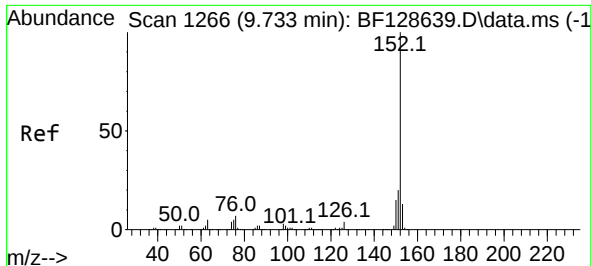
Tgt Ion:196 Resp: 4879
Ion Ratio Lower Upper
196 100
198 8.4 75.7 113.5#
97 2121.9 36.4 54.6#
132 250.8 20.7 31.1#



#45
2-Fluorobiphenyl
Concen: 91.648 ng
RT: 9.181 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

Tgt Ion:172 Resp: 608144
Ion Ratio Lower Upper
172 100
171 34.3 28.8 43.2
170 23.3 19.8 29.8





#49

Acenaphthylene

Concen: 2.040 ng

RT: 9.728 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-6

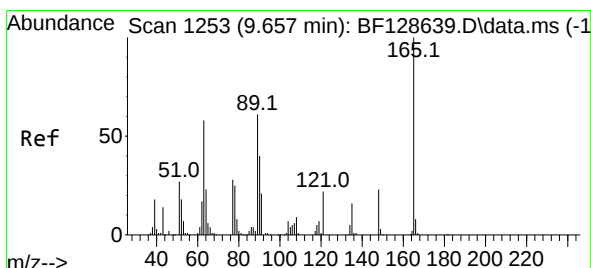
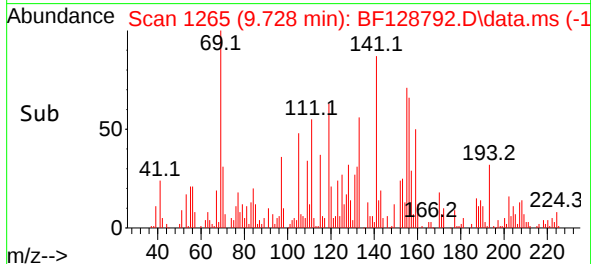
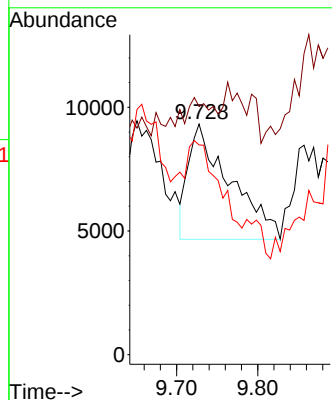
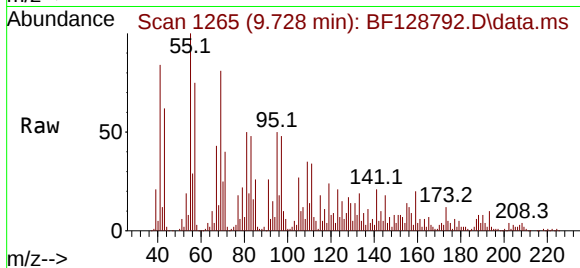
Tgt Ion:152 Resp: 16622

Ion Ratio Lower Upper

152 100

151 107.6 16.2 24.4#

153 90.9 10.7 16.1#



#51

2,6-Dinitrotoluene

Concen: 3.447 ng

RT: 9.657 min Scan# 1253

Delta R.T. 0.012 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

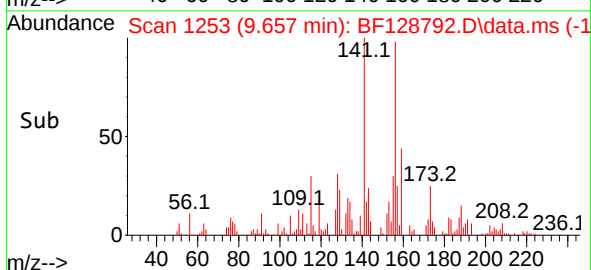
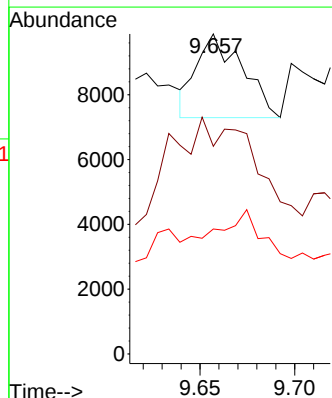
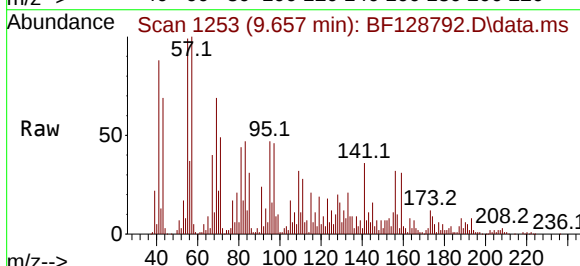
Tgt Ion:165 Resp: 4328

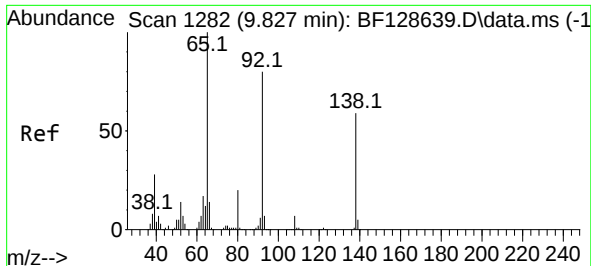
Ion Ratio Lower Upper

165 100

63 64.9 44.9 67.3

89 39.1 43.6 65.4#





#53

3-Nitroaniline

Concen: 3.088 ng

RT: 9.839 min Scan# 1284

Delta R.T. 0.023 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-6

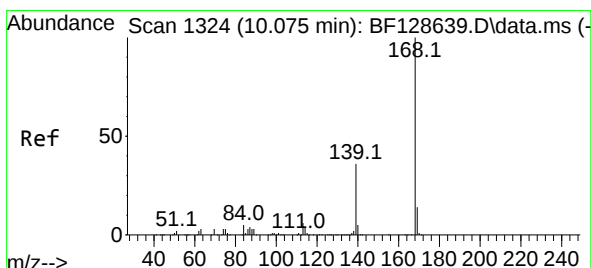
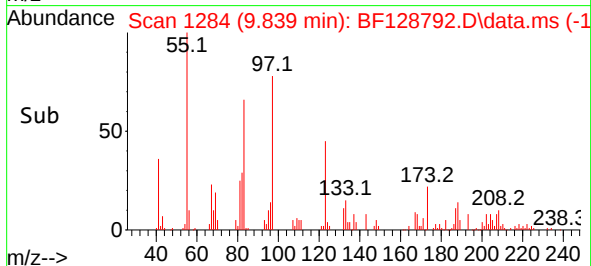
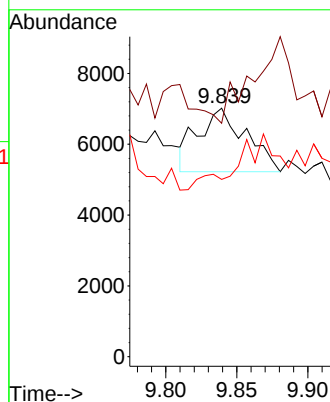
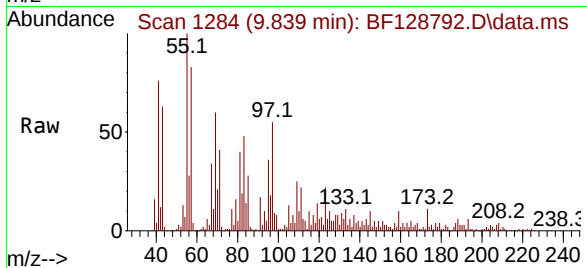
Tgt Ion:138 Resp: 4208

Ion Ratio Lower Upper

138 100

108 94.0 10.9 16.3#

92 71.3 98.2 147.2#



#55

Dibenzofuran

Concen: 4.231 ng

RT: 10.081 min Scan# 1325

Delta R.T. 0.017 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

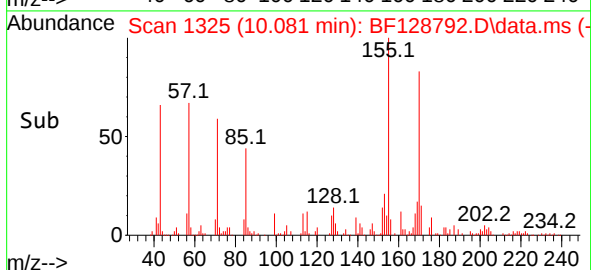
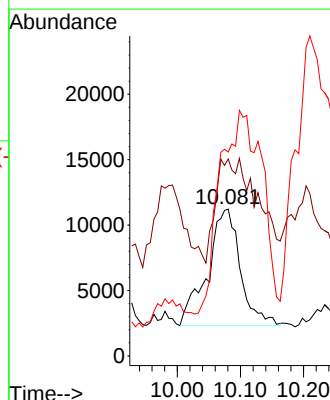
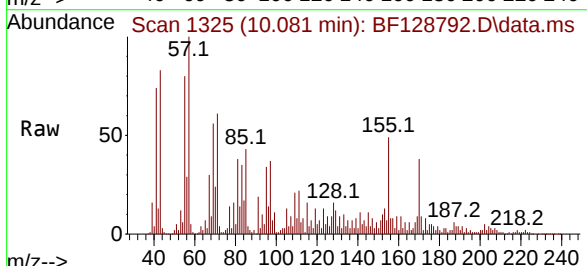
Tgt Ion:168 Resp: 32264

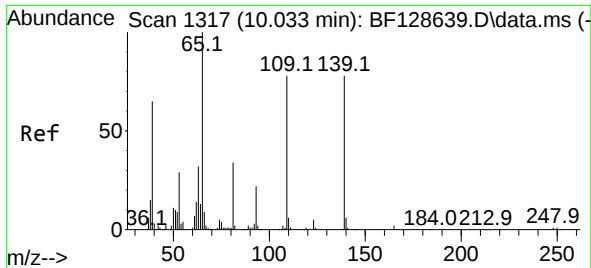
Ion Ratio Lower Upper

168 100

139 134.1 30.6 46.0#

169 138.8 11.0 16.6#

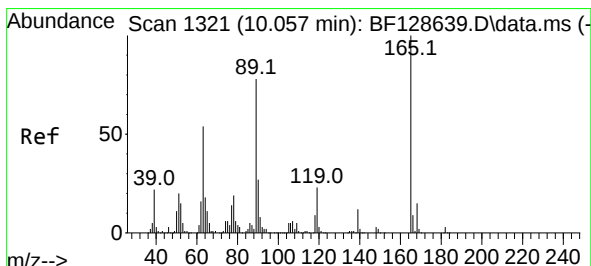
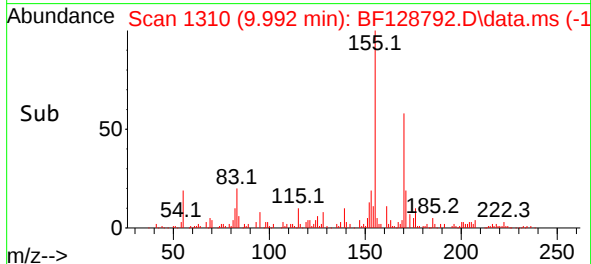
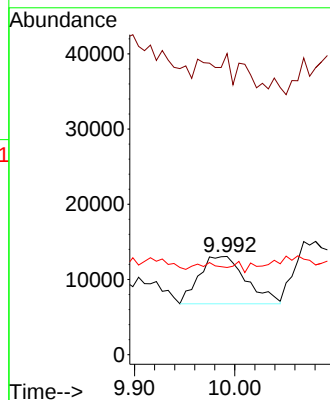
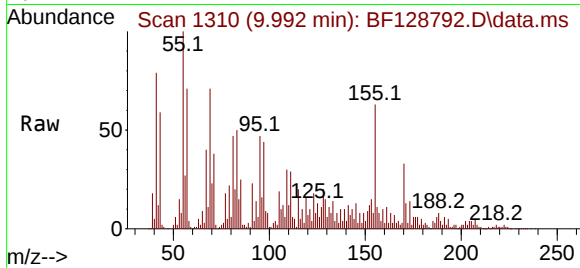




#56
4-Nitrophenol
Concen: 20.713 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

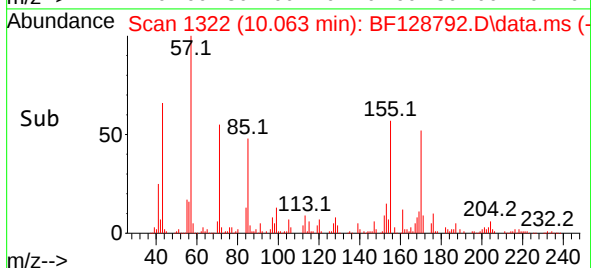
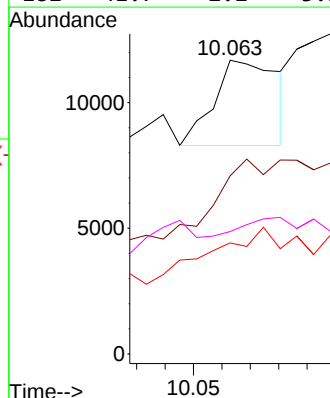
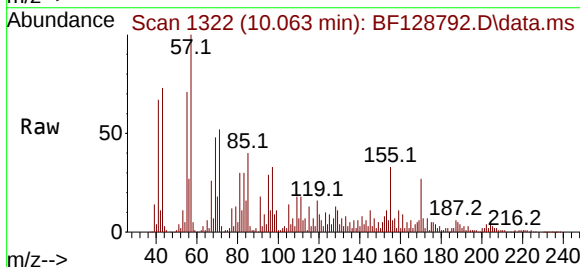
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

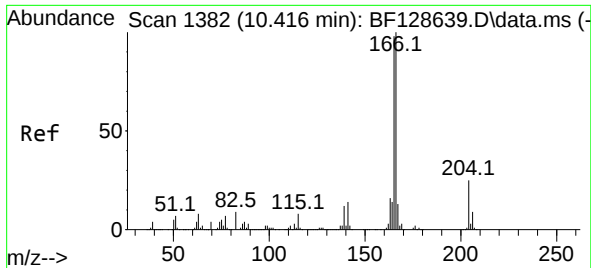
Tgt Ion:139 Resp: 20463
Ion Ratio Lower Upper
139 100
109 306.6 50.7 90.7#
65 88.8 74.5 114.5



#57
2,4-Dinitrotoluene
Concen: 3.153 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.017 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

Tgt Ion:165 Resp: 5284
Ion Ratio Lower Upper
165 100
63 60.6 39.8 59.6#
89 37.8 60.2 90.2#
182 41.7 2.2 3.2#

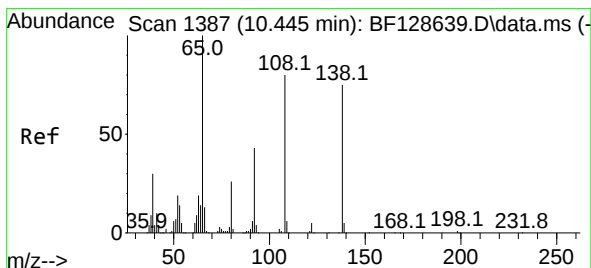
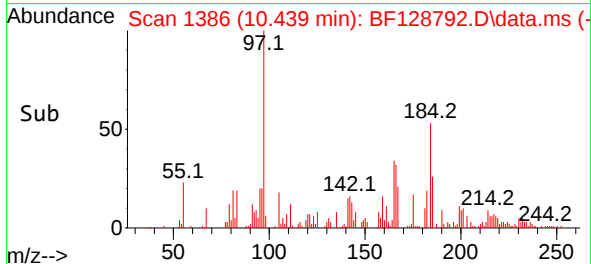
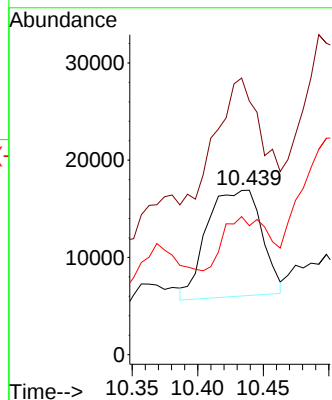
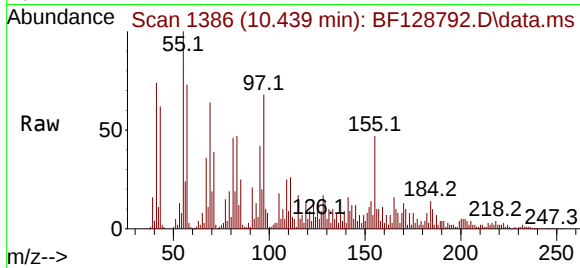




#58
Fluorene
Concen: 5.381 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.035 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

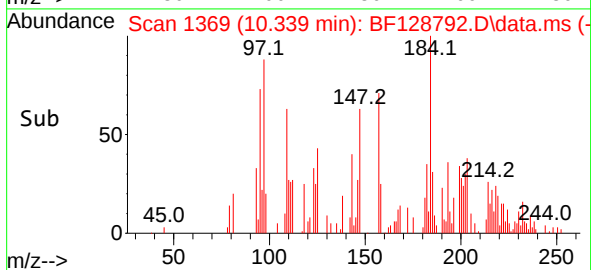
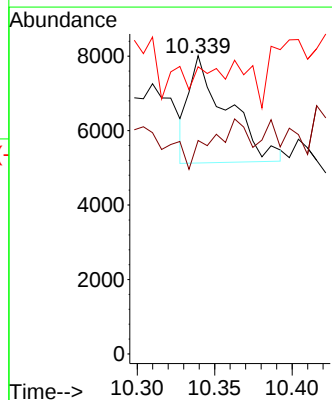
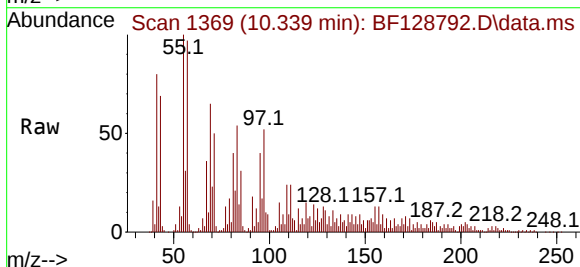
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

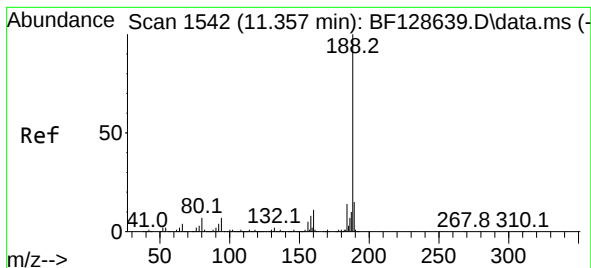
Tgt Ion:166 Resp: 31818
Ion Ratio Lower Upper
166 100
165 154.1 78.1 117.1#
167 78.3 10.5 15.7#



#62
4-Nitroaniline
Concen: 3.592 ng
RT: 10.339 min Scan# 1369
Delta R.T. -0.094 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

Tgt Ion:138 Resp: 4957
Ion Ratio Lower Upper
138 100
92 71.6 33.5 73.5
108 96.3 61.0 101.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. 0.041 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-6

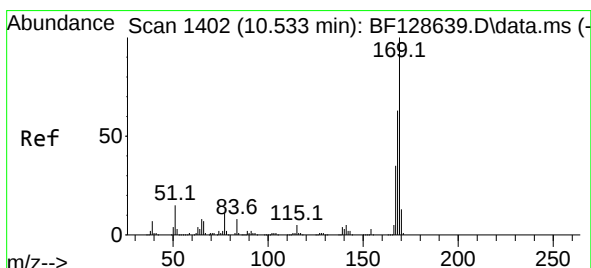
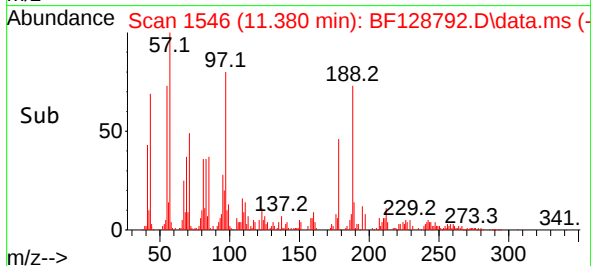
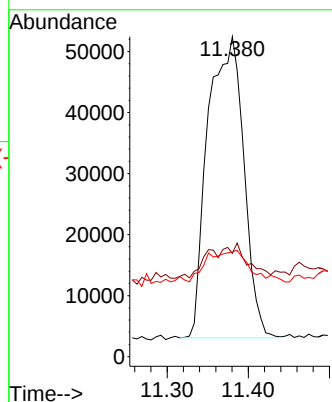
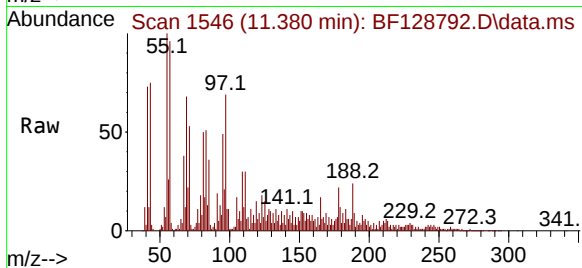
Tgt Ion:188 Resp: 151340

Ion Ratio Lower Upper

188 100

94 32.3 7.0 10.6#

80 32.7 7.6 11.4#



#66

n-Nitrosodiphenylamine

Concen: 19.833 ng

RT: 10.533 min Scan# 1402

Delta R.T. 0.017 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

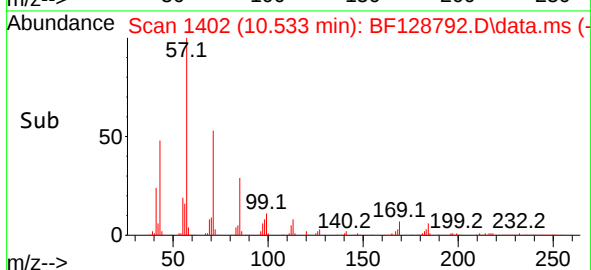
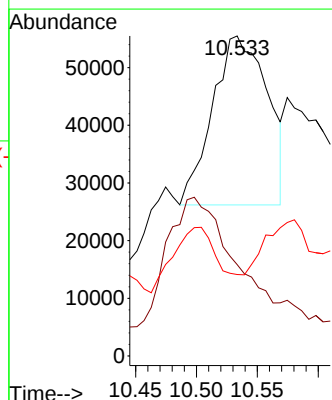
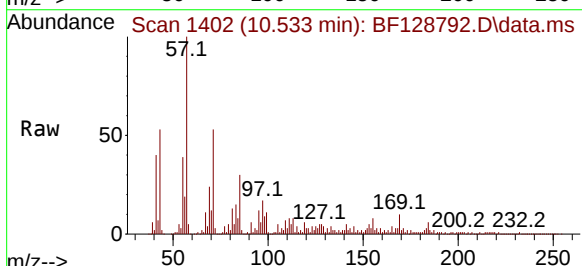
Tgt Ion:169 Resp: 92256

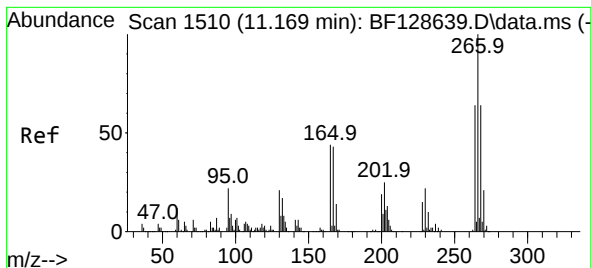
Ion Ratio Lower Upper

169 100

168 28.5 50.1 75.1#

167 25.4 27.9 41.9#





#70

Pentachlorophenol

Concen: 2.333 ng

RT: 11.210 min Scan# 1510

Delta R.T. 0.059 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-6

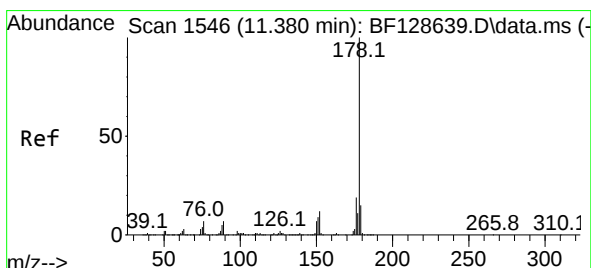
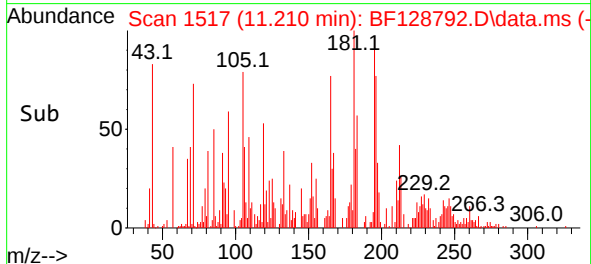
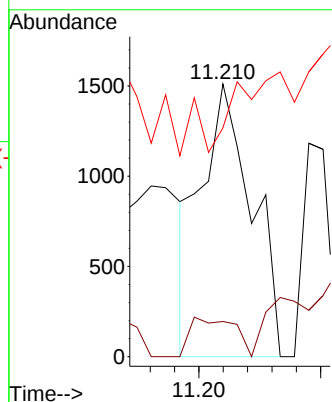
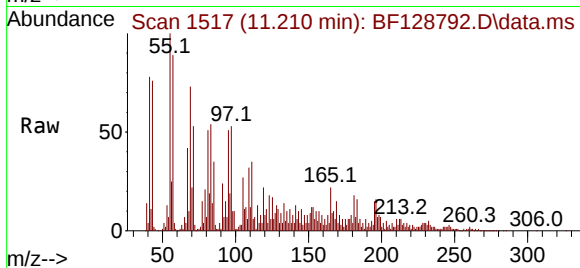
Tgt Ion:266 Resp: 2183

Ion Ratio Lower Upper

266 100

268 12.9 51.0 76.4#

264 83.9 49.4 74.2#



#71

Phenanthrene

Concen: 24.425 ng

RT: 11.410 min Scan# 1551

Delta R.T. 0.041 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

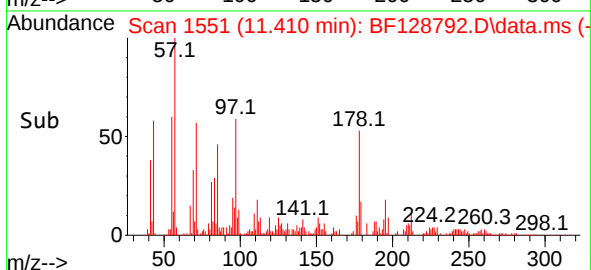
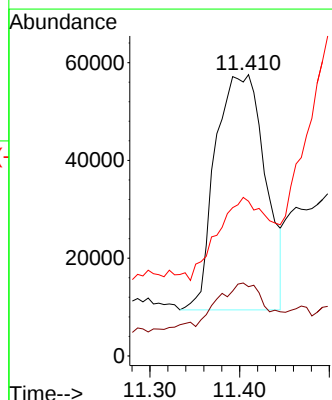
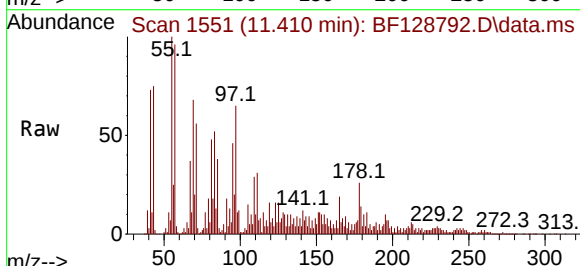
Tgt Ion:178 Resp: 185404

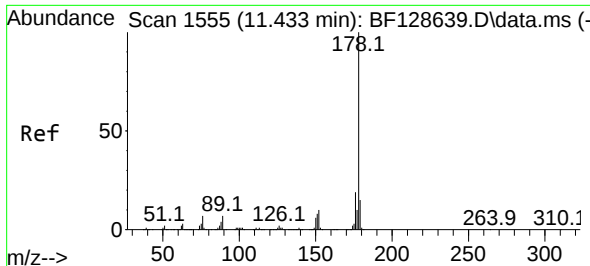
Ion Ratio Lower Upper

178 100

176 24.6 16.0 24.0#

179 55.0 12.6 19.0#

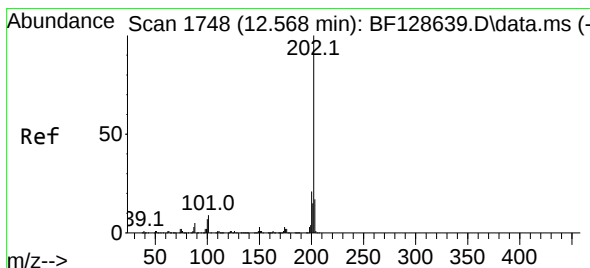
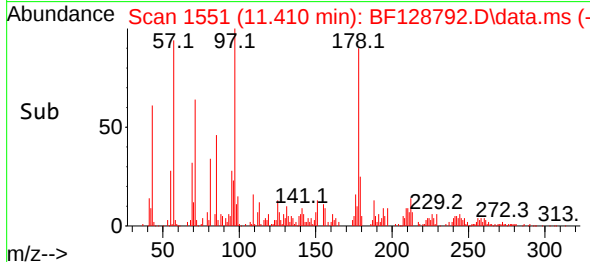
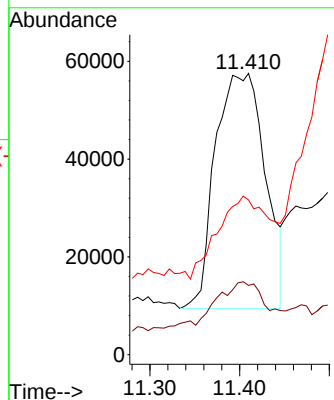
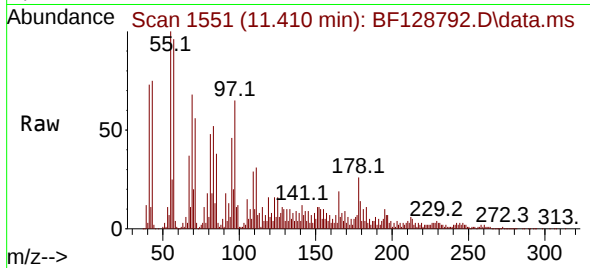




#72
 Anthracene
 Concen: 24.677 ng
 RT: 11.410 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128792.D
 Acq: 13 Jun 2022 19:14

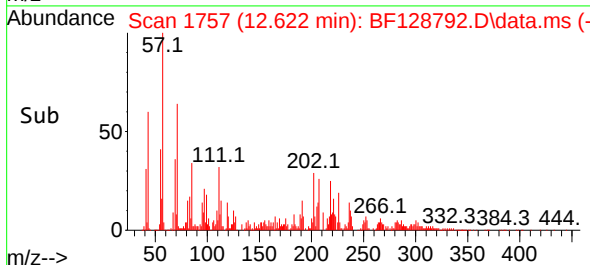
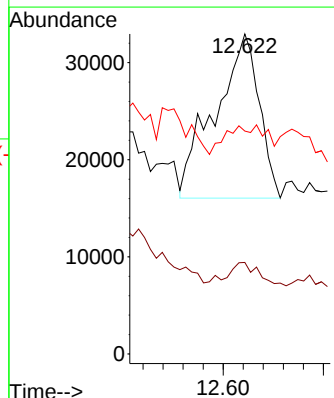
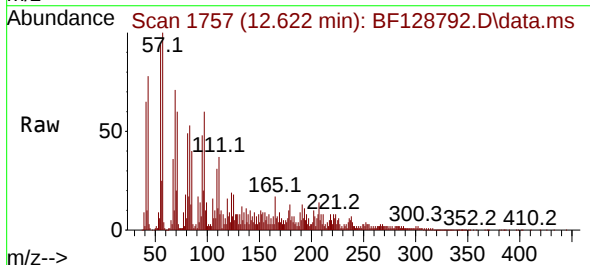
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-6

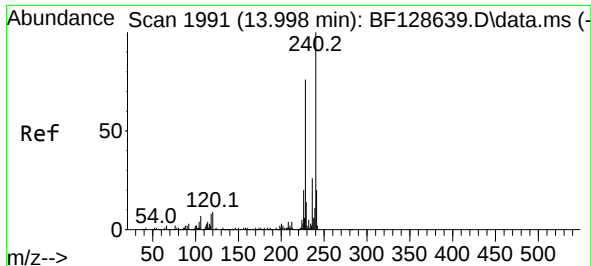
Tgt Ion:178 Resp: 185404
 Ion Ratio Lower Upper
 178 100
 176 24.6 15.4 23.2#
 179 55.0 12.6 19.0#



#75
 Fluoranthene
 Concen: 6.537 ng
 RT: 12.622 min Scan# 1757
 Delta R.T. 0.065 min
 Lab File: BF128792.D
 Acq: 13 Jun 2022 19:14

Tgt Ion:202 Resp: 51871
 Ion Ratio Lower Upper
 202 100
 101 28.6 0.0 31.4
 203 69.6 0.0 38.0#

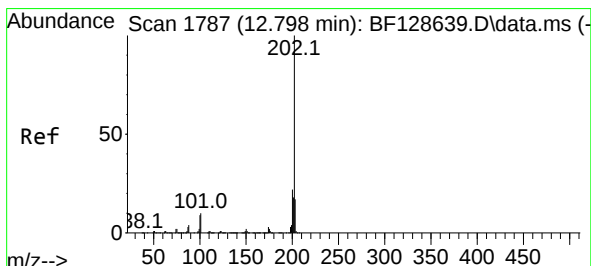
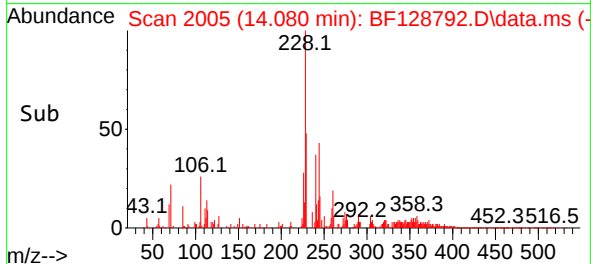
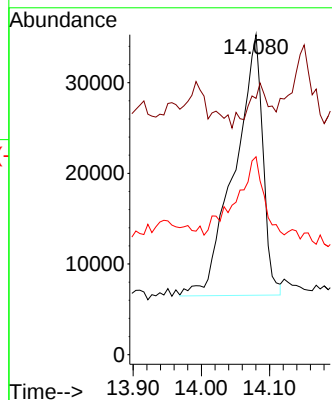
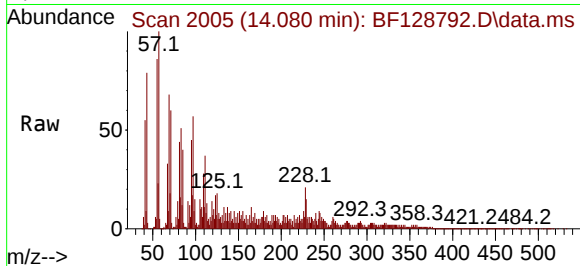




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 20
Delta R.T. 0.094 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

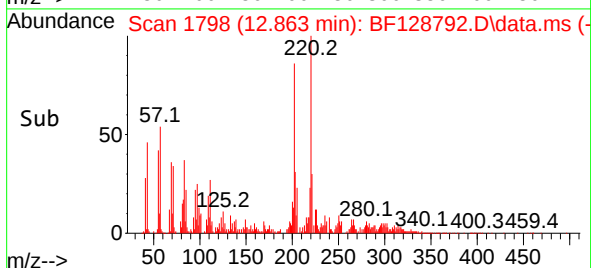
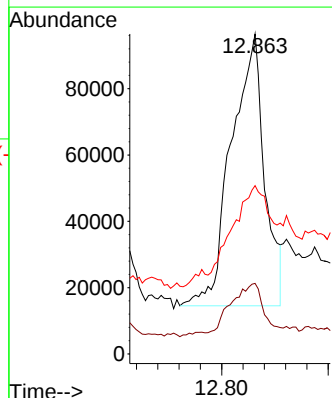
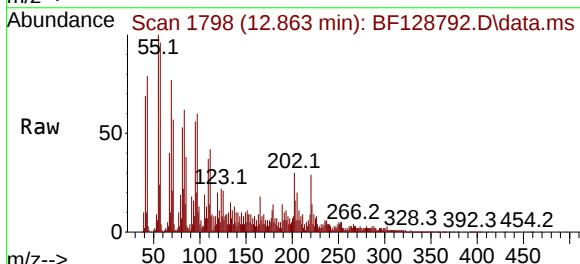
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

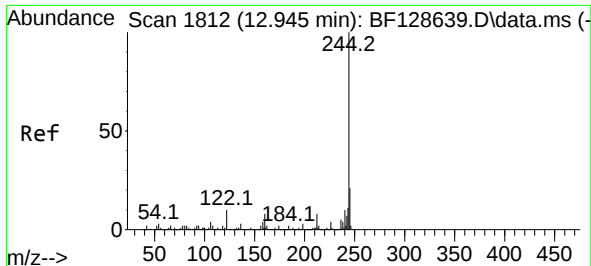
Tgt Ion:240 Resp: 83138
Ion Ratio Lower Upper
240 100
120 80.1 8.9 13.3#
236 61.9 20.8 31.2#



#78
Pyrene
Concen: 57.162 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.076 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

Tgt Ion:202 Resp: 353572
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 52.6 14.6 21.8#

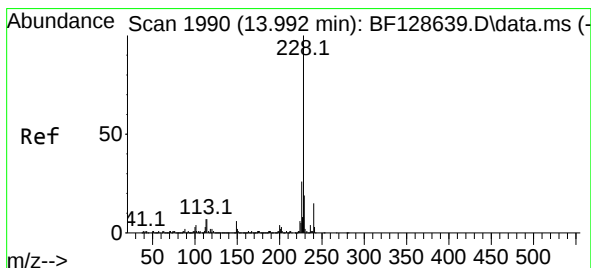
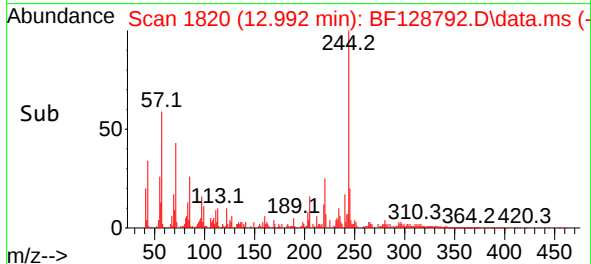
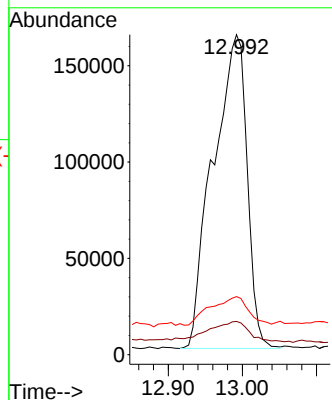
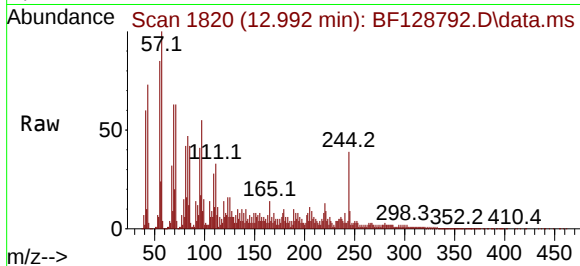




#79
 Terphenyl-d14
 Concen: 108.302 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.059 min
 Lab File: BF128792.D
 Acq: 13 Jun 2022 19:14

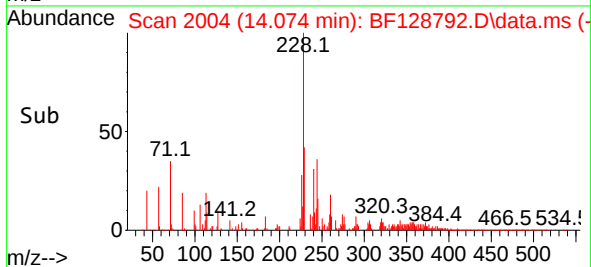
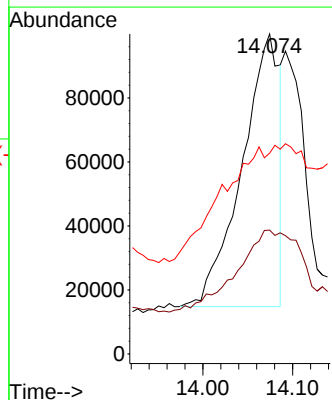
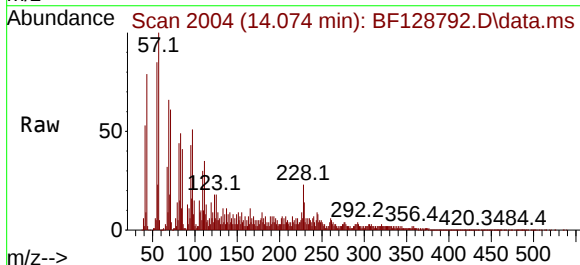
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-6

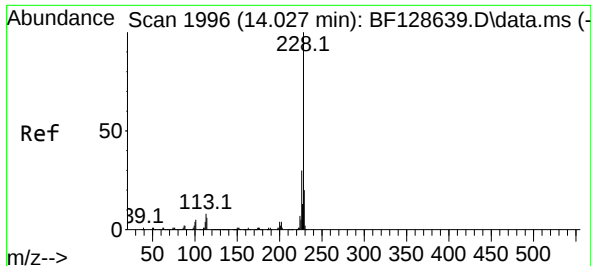
Tgt Ion:244 Resp: 518178
 Ion Ratio Lower Upper
 244 100
 212 10.4 6.1 9.1#
 122 18.1 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 47.963 ng
 RT: 14.074 min Scan# 2004
 Delta R.T. 0.100 min
 Lab File: BF128792.D
 Acq: 13 Jun 2022 19:14

Tgt Ion:228 Resp: 248559
 Ion Ratio Lower Upper
 228 100
 226 38.7 22.1 33.1#
 229 62.7 15.8 23.8#

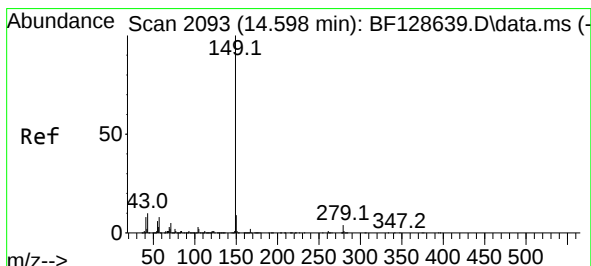
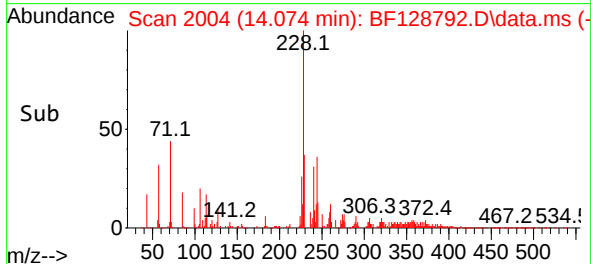
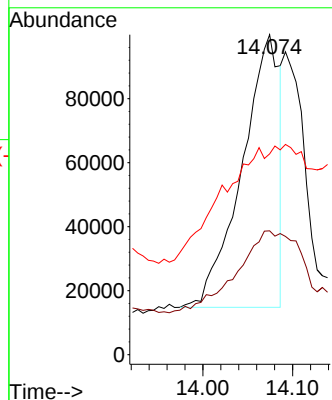
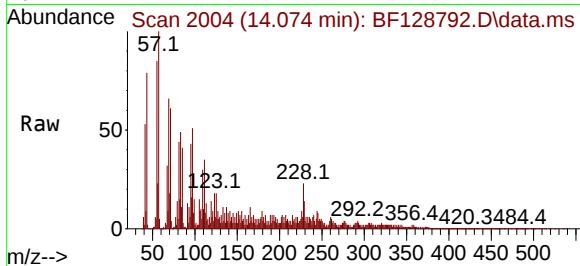




#83
Chrysene
Concen: 50.309 ng
RT: 14.074 min Scan# 20
Delta R.T. 0.059 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

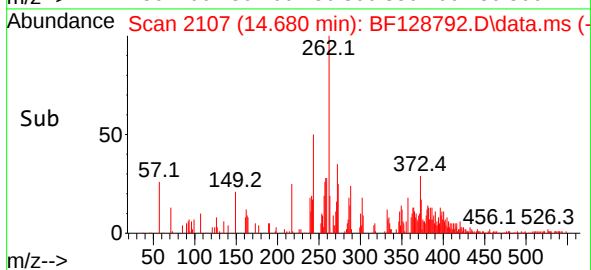
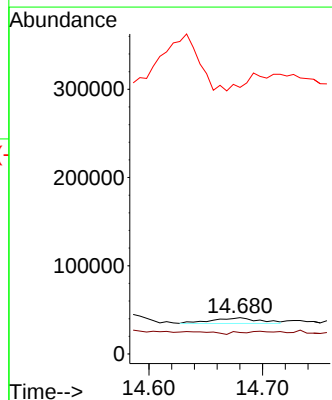
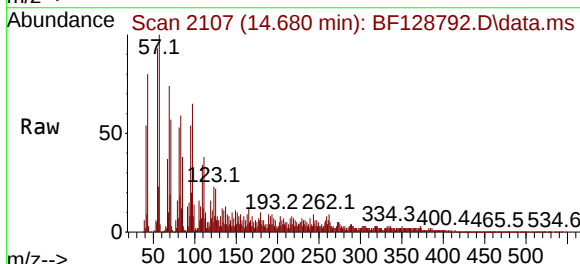
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

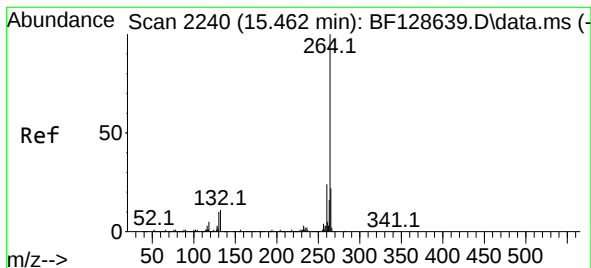
Tgt Ion:228 Resp: 248559
Ion Ratio Lower Upper
228 100
226 38.7 24.3 36.5#
229 62.7 15.9 23.9#



#85
Di-n-octyl phthalate
Concen: 3.698 ng
RT: 14.680 min Scan# 2107
Delta R.T. 0.100 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

Tgt Ion:149 Resp: 18811
Ion Ratio Lower Upper
149 100
167 46.7 1.3 1.9#
43 83.6 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 21

Delta R.T. 0.147 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-6

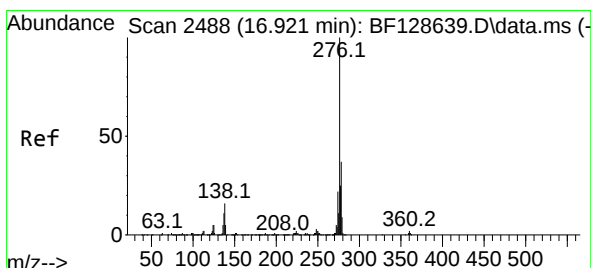
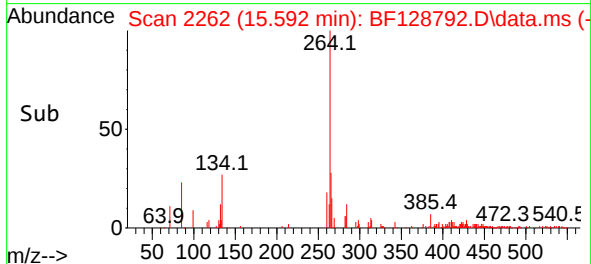
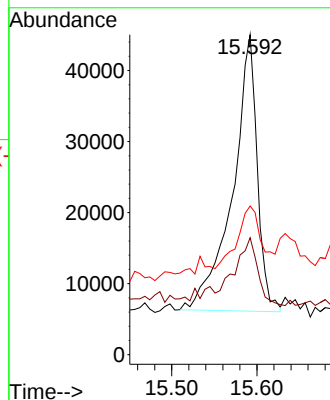
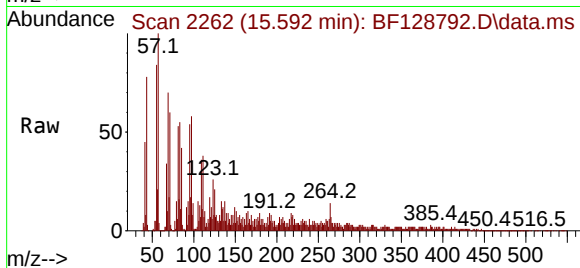
Tgt Ion:264 Resp: 78003

Ion Ratio Lower Upper

264 100

260 36.6 18.4 27.6#

265 46.4 17.2 25.8#



#87

Indeno(1,2,3-cd)pyrene

Concen: 7.906 ng

RT: 17.086 min Scan# 2516

Delta R.T. 0.188 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

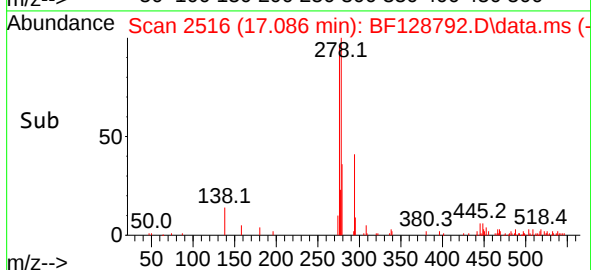
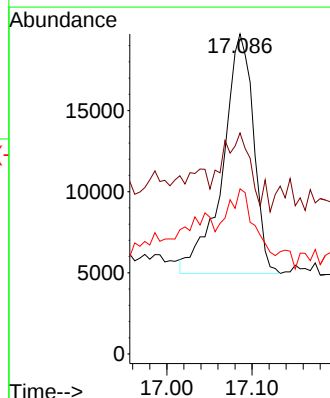
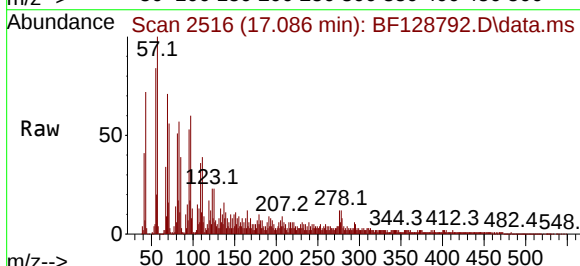
Tgt Ion:276 Resp: 37170

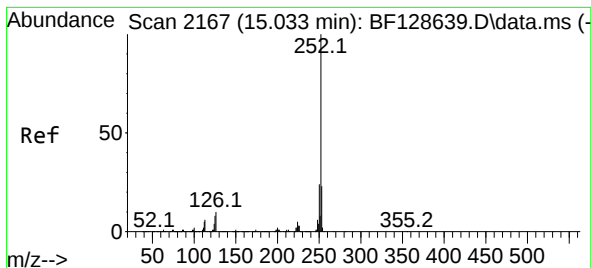
Ion Ratio Lower Upper

276 100

138 26.0 21.1 31.7

277 23.5 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 14.321 ng

RT: 15.145 min Scan# 2186

Delta R.T. 0.123 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-6

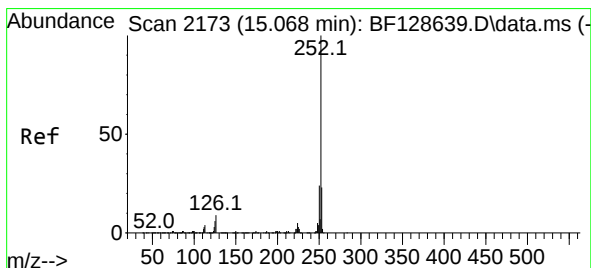
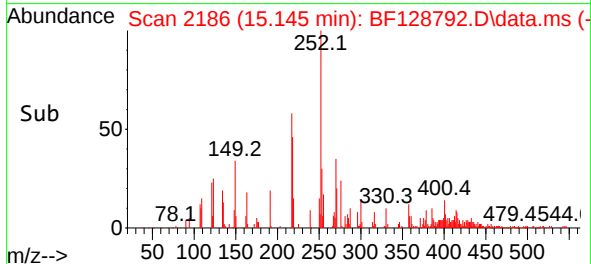
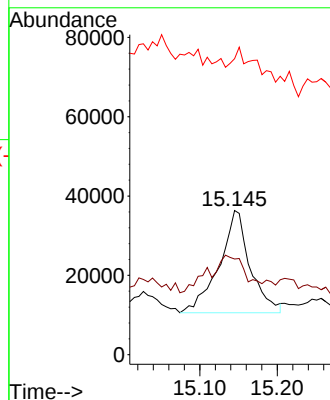
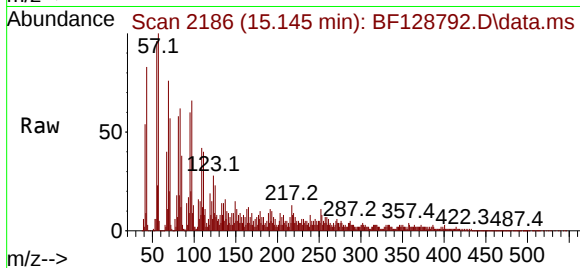
Tgt Ion:252 Resp: 71380

Ion Ratio Lower Upper

252 100

253 66.4 17.7 26.5#

125 205.4 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 15.224 ng

RT: 15.145 min Scan# 2186

Delta R.T. 0.094 min

Lab File: BF128792.D

Acq: 13 Jun 2022 19:14

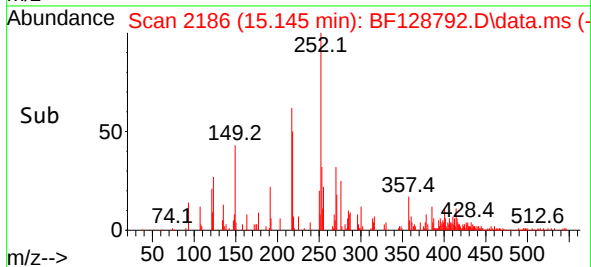
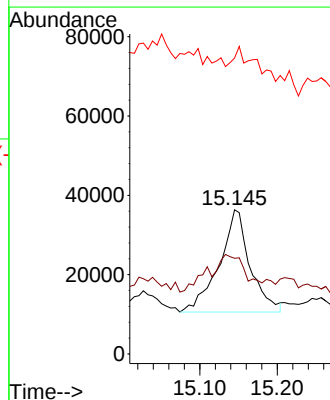
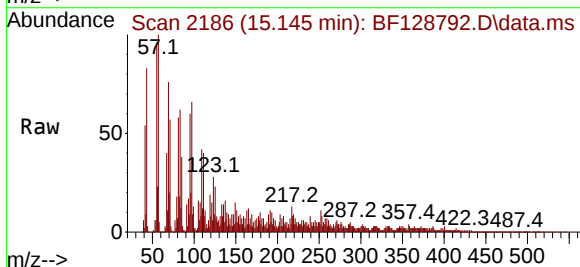
Tgt Ion:252 Resp: 71380

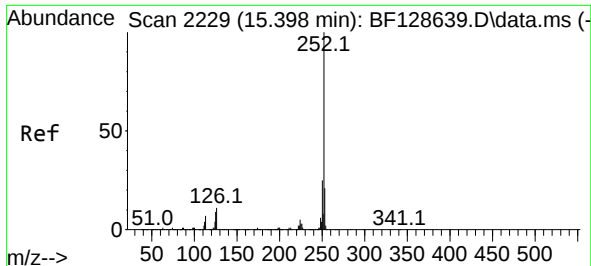
Ion Ratio Lower Upper

252 100

253 66.4 17.8 26.6#

125 205.4 8.3 12.5#

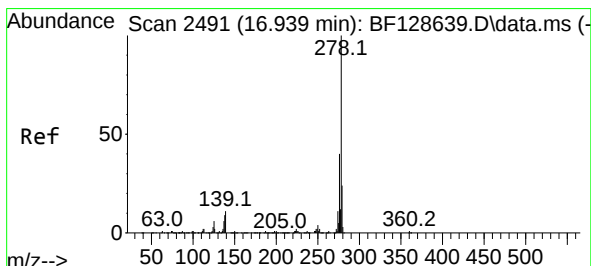
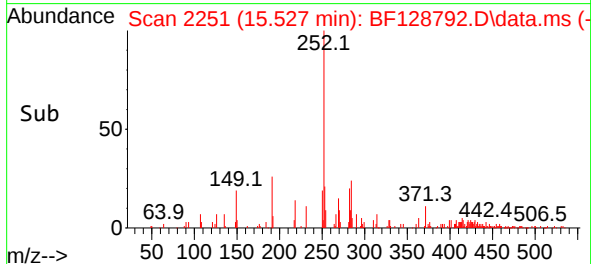
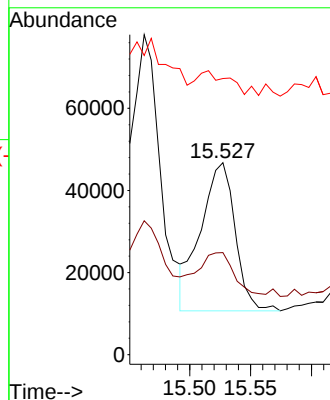
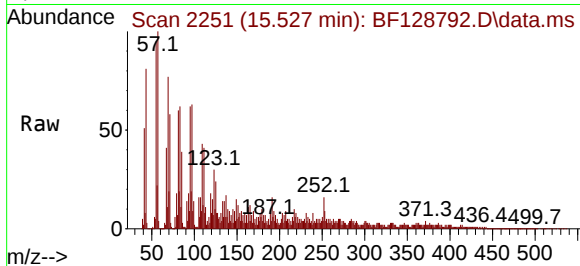




#90
Benzo(a)pyrene
Concen: 18.204 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.141 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

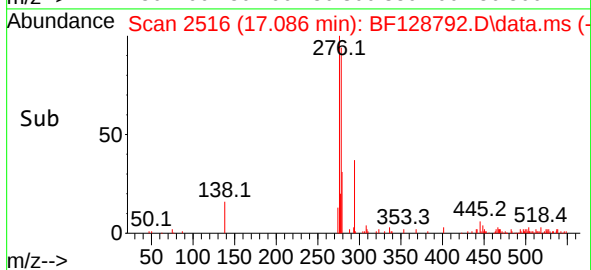
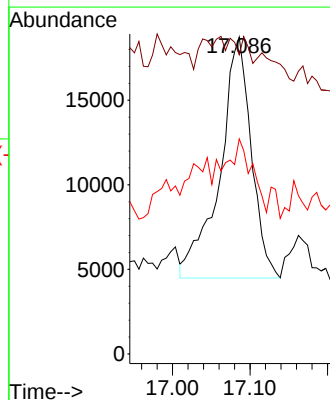
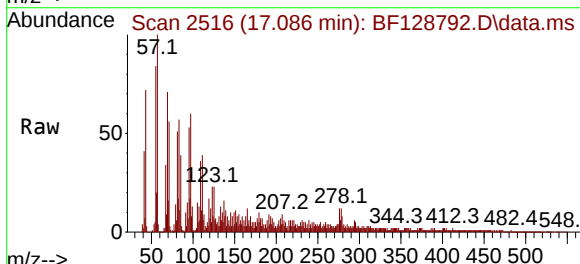
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

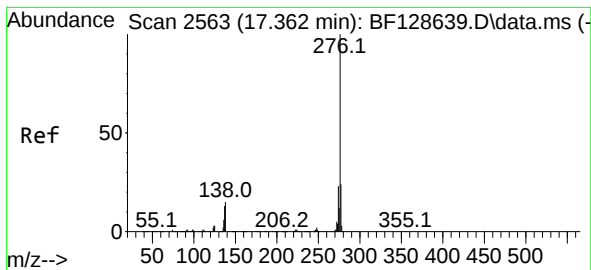
Tgt Ion:252 Resp: 71315
Ion Ratio Lower Upper
252 100
253 53.2 17.0 25.6#
125 143.9 8.8 13.2#



#91
Dibenzo(a,h)anthracene
Concen: 10.311 ng
RT: 17.086 min Scan# 2516
Delta R.T. 0.170 min
Lab File: BF128792.D
Acq: 13 Jun 2022 19:14

Tgt Ion:278 Resp: 40209
Ion Ratio Lower Upper
278 100
139 94.4 12.8 19.2#
279 67.9 18.6 28.0#





#92
 Benzo(g,h,i)perylene
 Concen: 22.040 ng
 RT: 17.539 min Scan# 21
 Delta R.T. 0.200 min
 Lab File: BF128792.D
 Acq: 13 Jun 2022 19:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-6

Tgt Ion:276 Resp: 85184
 Ion Ratio Lower Upper
 276 100
 277 33.2 19.1 28.7#
 138 32.8 18.0 27.0#

