

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127833.D
 Acq On : 18 Apr 2022 18:57
 Operator : CG\JU
 Sample : N2444-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12

Quant Time: Apr 19 05:16:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	118244	20.000	ng	-0.01
21) Naphthalene-d8	8.239	136	320560	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	143143	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	233588	20.000	ng	# 0.01
76) Chrysene-d12	14.145	240	230066	20.000	ng	0.00
86) Perylene-d12	15.668	264	206125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	698625	96.005	ng	-0.01
7) Phenol-d6	6.575	99	855527	89.868	ng	-0.01
23) Nitrobenzene-d5	7.516	82	566974	78.851	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	140563	92.278	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	719076	71.065	ng	0.00
79) Terphenyl-d14	13.086	244	713743	51.207	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	8762	Below Cal	#	9
18) Hexachloroethane	7.487	117	177660	54.605	ng	# 1
19) n-Nitroso-di-n-propyla...	7.375	70	33630	5.462	ng	# 61
22) Acetophenone	7.287	105	60336	7.004	ng	# 42
24) Nitrobenzene	7.522	77	35285	5.062	ng	# 22
25) Isophorone	7.763	82	120064	9.569	ng	# 1
26) 2-Nitrophenol	7.851	139	7687	3.069	ng	# 1
27) 2,4-Dimethylphenol	7.892	122	12790	2.608	ng	# 1
28) bis(2-Chloroethoxy)met...	7.986	93	19388	2.506	ng	# 1
29) 2,4-Dichlorophenol	8.069	162	14811	2.803	ng	# 34
32) Benzoic acid	8.028	122	9313	2.617	ng	# 8
35) Caprolactam	8.692	113	12249	7.845	ng	# 1
38) 1-Methylnaphthalene	9.057	142	46723	4.309	ng	# 70
43) 2,4,6-Trichlorophenol	9.222	196	6711	2.105	ng	# 11
44) 2,4,5-Trichlorophenol	9.222	196	6711	2.087	ng	# 1
48) 2-Nitroaniline	9.528	65	20142	7.455	ng	# 51
49) Acenaphthylene	9.875	152	85423	6.455	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	12387	6.334	ng	# 80
52) Acenaphthene	10.045	154	154899	18.580	ng	# 59
53) 3-Nitroaniline	9.957	138	11334	5.486	ng	# 40
54) 2,4-Dinitrophenol	10.069	184	895	6.170	ng	# 1
55) Dibenzofuran	10.216	168	143196	11.771	ng	# 1
56) 4-Nitrophenol	10.116	139	130006	80.108	ng	# 32
57) 2,4-Dinitrotoluene	10.216	165	55488	22.884	ng	# 56
58) Fluorene	10.563	166	322864	35.918	ng	# 92
62) 4-Nitroaniline	10.627	138	4574	2.351	ng	# 84
63) Azobenzene	10.704	77	42601	3.840	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.627	198	2576	2.283	ng	# 1
66) n-Nitrosodiphenylamine	10.669	169	421564	57.303	ng	# 45
69) Atrazine	11.192	200	7464	3.054	ng	# 57
71) Phenanthrene	11.533	178	1276331	103.127	ng	# 96
72) Anthracene	11.533	178	1276331	104.256	ng	# 95
75) Fluoranthene	12.721	202	91766	6.795	ng	# 72
78) Pyrene	12.951	202	471004	24.244	ng	# 94
81) Benzo(a)anthracene	14.133	228	142000	9.241	ng	# 44
83) Chrysene	14.168	228	255007	17.289	ng	# 58

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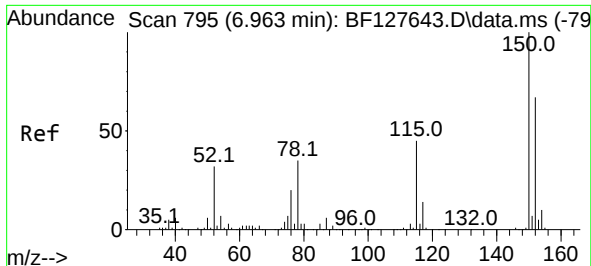
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	15.210	252	35835	2.702	ng #	36
89) Benzo(k)fluoranthene	15.210	252	35835	2.725	ng #	34
90) Benzo(a)pyrene	15.604	252	44336	4.114	ng #	51

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

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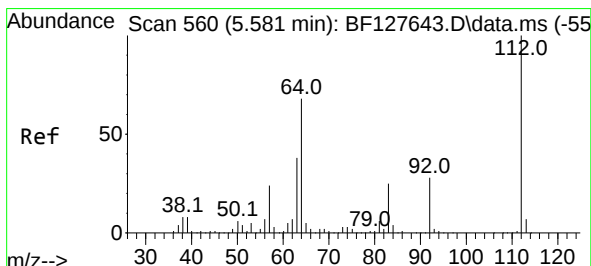
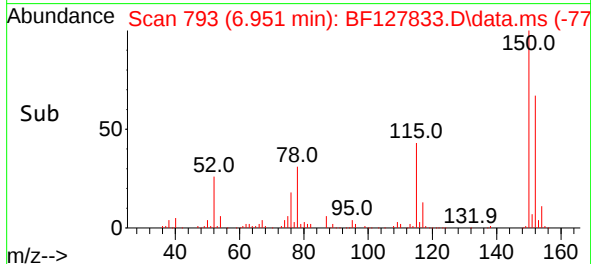
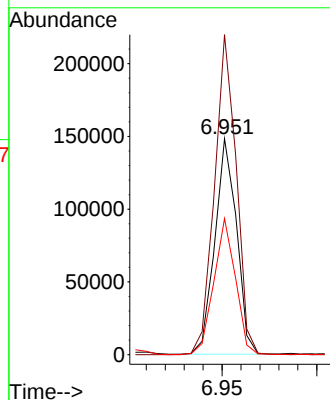
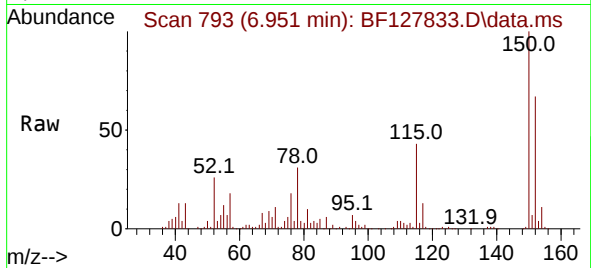




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

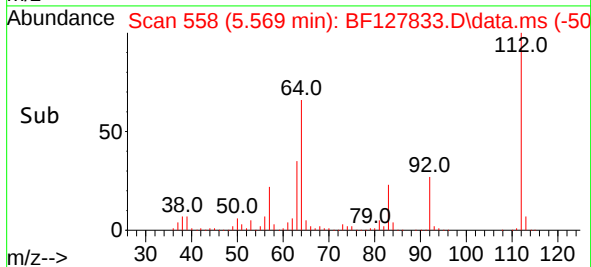
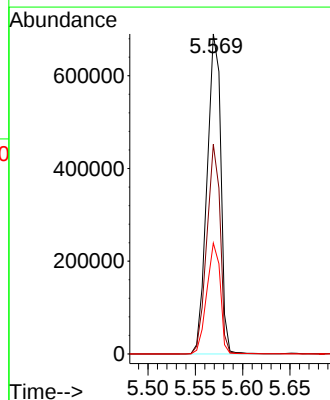
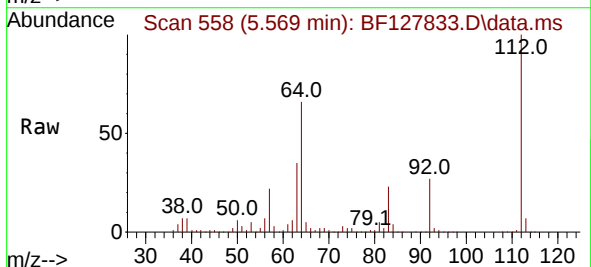
Instrument :
BNA_F
ClientSampleId :
SB-12

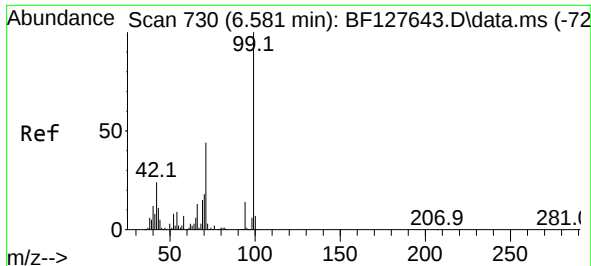
Tgt Ion:152 Resp: 118244
Ion Ratio Lower Upper
152 100
150 148.2 117.2 175.8
115 63.0 49.8 74.6



#5
2-Fluorophenol
Concen: 96.005 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.012 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion:112 Resp: 698625
Ion Ratio Lower Upper
112 100
64 65.5 58.4 87.6
63 34.6 30.1 45.1





#7

Phenol-d6

Concen: 89.868 ng

RT: 6.575 min Scan# 713

Delta R.T. -0.012 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

Instrument :

BNA_F

ClientSampleId :

SB-12

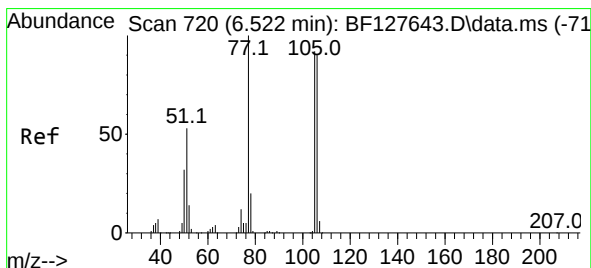
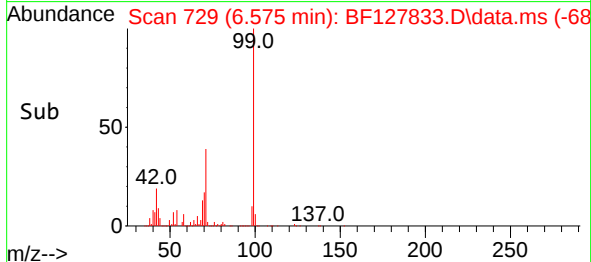
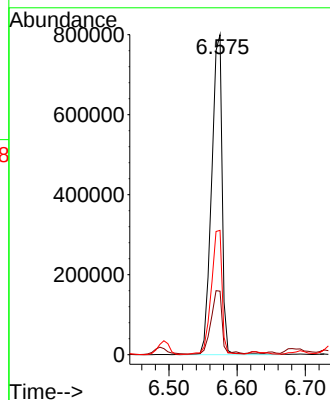
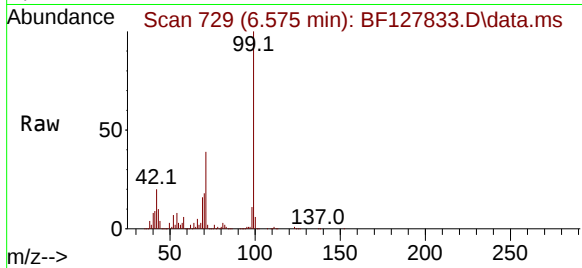
Tgt Ion: 99 Resp: 855527

Ion Ratio Lower Upper

99 100

42 19.9 17.8 26.6

71 38.9 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.481 min Scan# 713

Delta R.T. -0.035 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

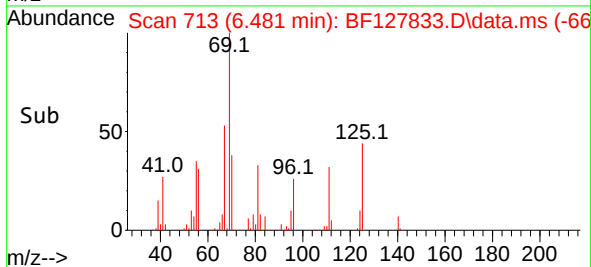
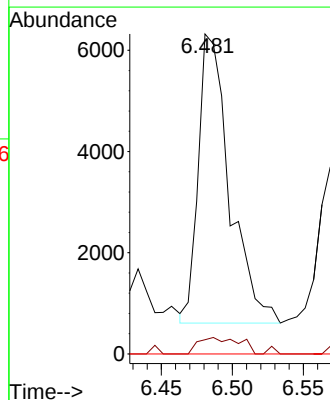
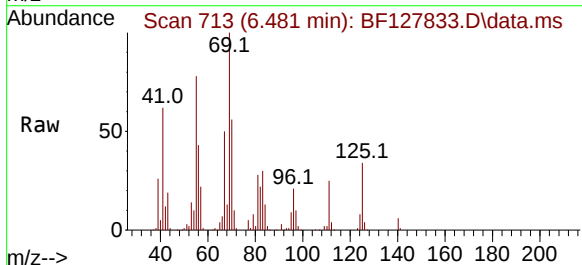
Tgt Ion: 77 Resp: 8762

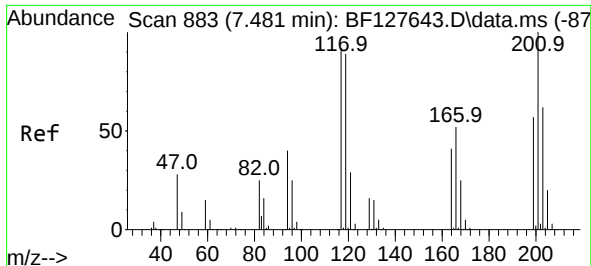
Ion Ratio Lower Upper

77 100

105 4.4 66.8 106.8#

106 0.0 64.3 104.3#

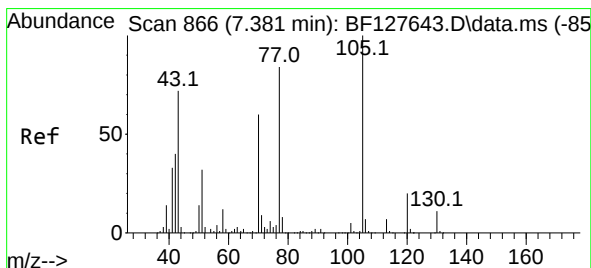
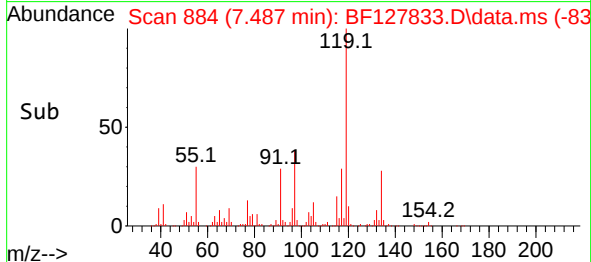
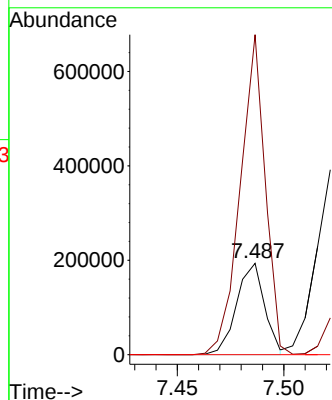
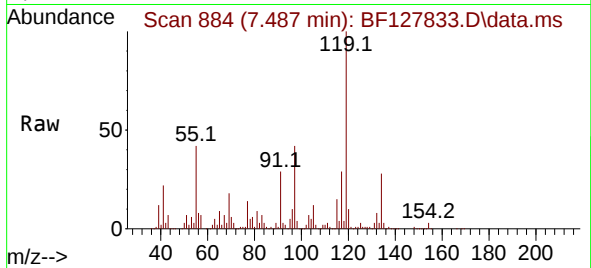




#18
Hexachloroethane
Concen: 54.605 ng
RT: 7.487 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

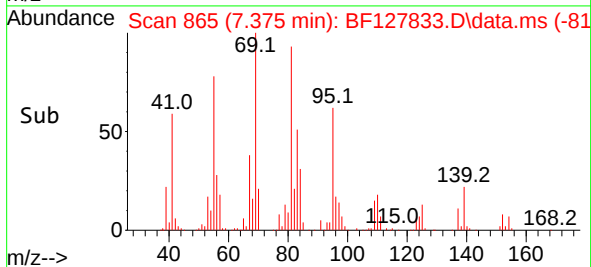
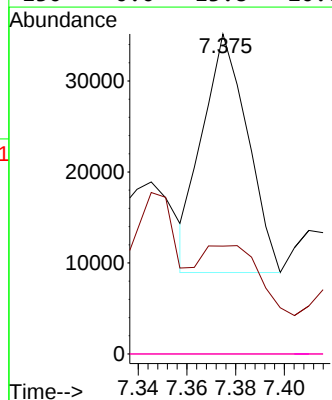
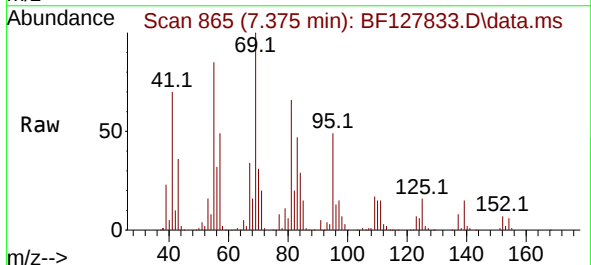
Instrument :
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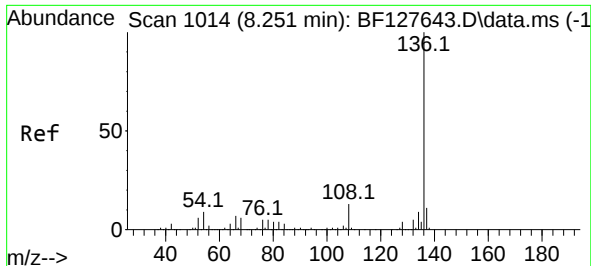
Tgt Ion:117 Resp: 177660
Ion Ratio Lower Upper
117 100
119 350.0 77.6 116.4#
201 0.0 88.2 132.2#



#19
n-Nitroso-di-n-propylamine
Concen: 5.462 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion: 70 Resp: 33630
Ion Ratio Lower Upper
70 100
42 33.7 53.0 79.6#
101 0.0 6.8 10.2#
130 0.0 13.8 20.6#

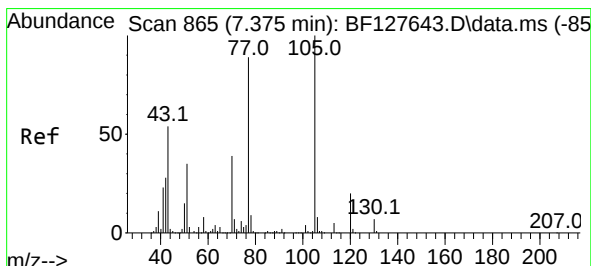
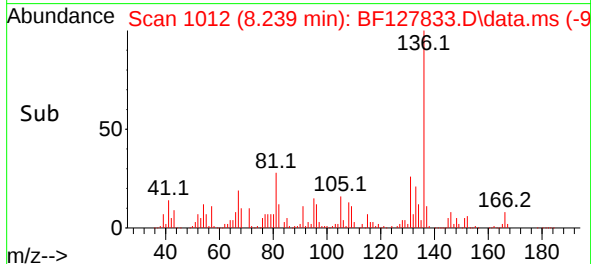
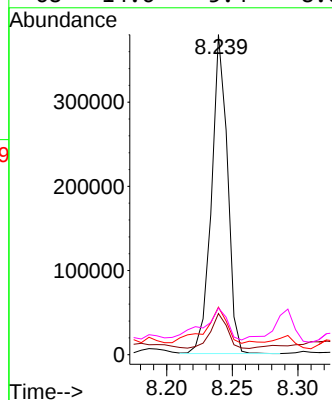
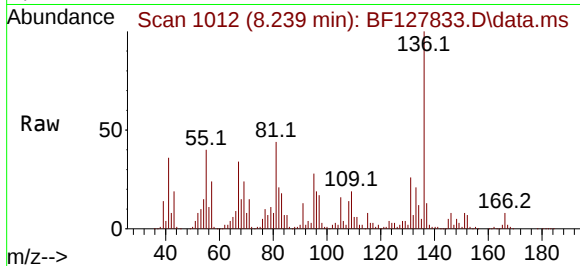




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

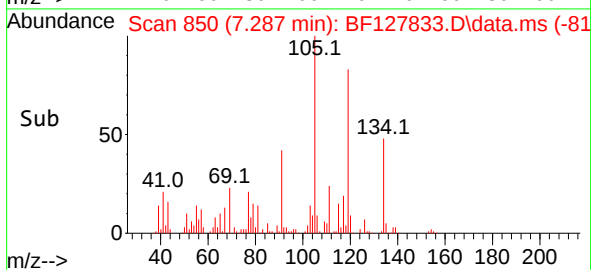
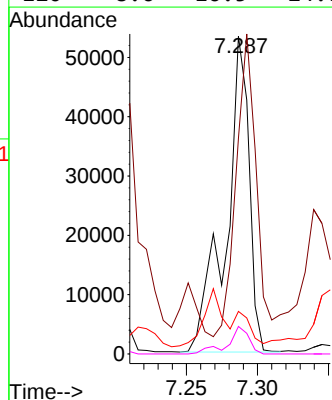
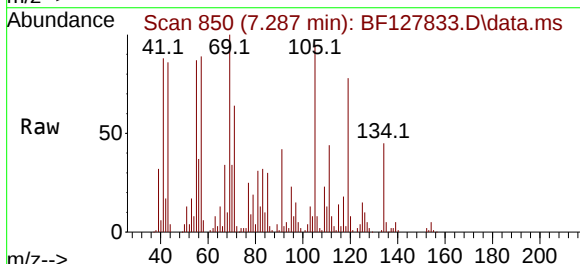
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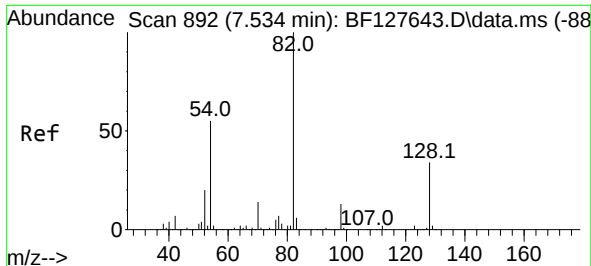
Tgt Ion:136 Resp: 320560
Ion Ratio Lower Upper
136 100
137 12.9 8.6 13.0
54 14.9 9.2 13.8#
68 14.6 5.4 8.0#



#22
Acetophenone
Concen: 7.004 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.088 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion:105 Resp: 60336
Ion Ratio Lower Upper
105 100
71 67.9 7.3 10.9#
51 13.4 38.8 58.2#
120 8.6 16.5 24.7#





#23

Nitrobenzene-d5

Concen: 78.851 ng

RT: 7.516 min Scan# 891

Delta R.T. -0.012 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

Instrument :

BNA_F

ClientSampleId :

SB-12

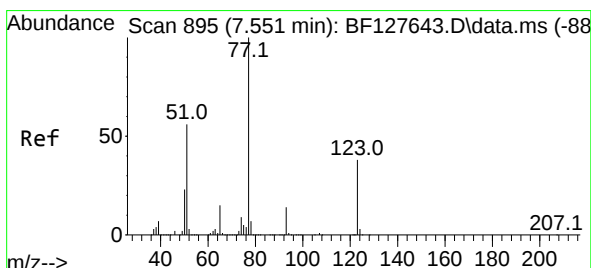
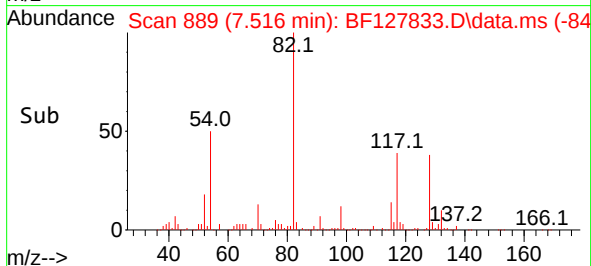
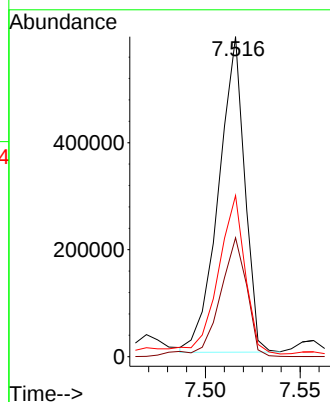
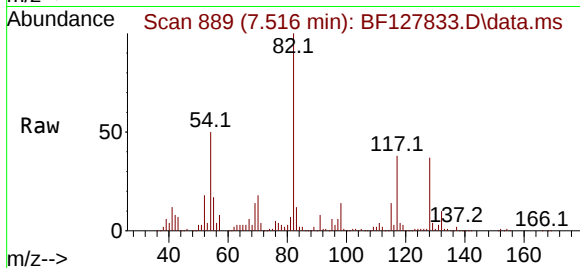
Tgt Ion: 82 Resp: 566974

Ion Ratio Lower Upper

82 100

128 37.2 30.6 45.8

54 50.4 48.2 72.2



#24

Nitrobenzene

Concen: 5.062 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.024 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

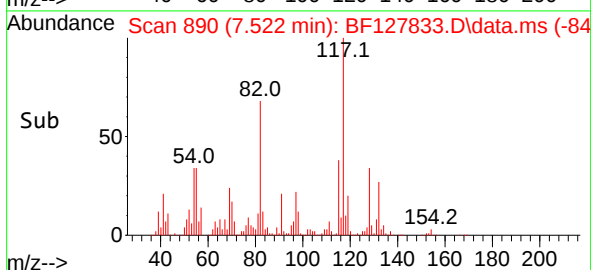
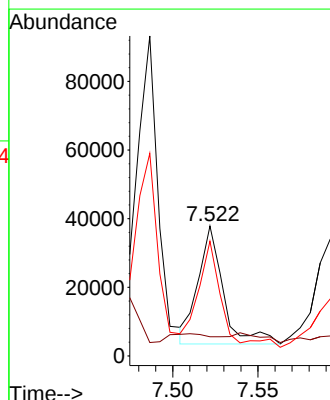
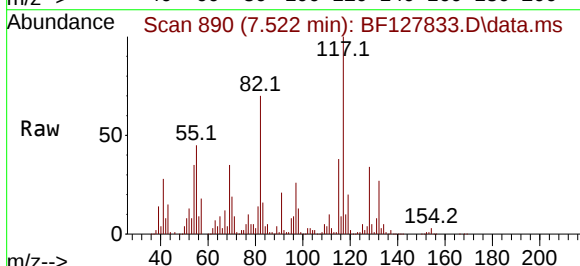
Tgt Ion: 77 Resp: 35285

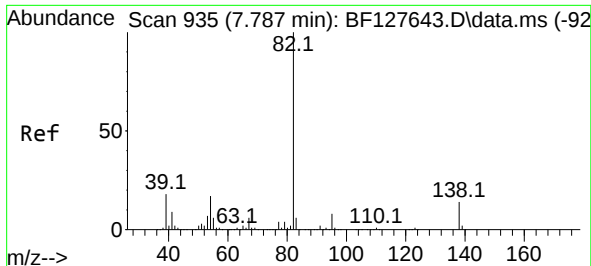
Ion Ratio Lower Upper

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123 14.7 32.0 48.0#

65 88.4 12.2 18.2#

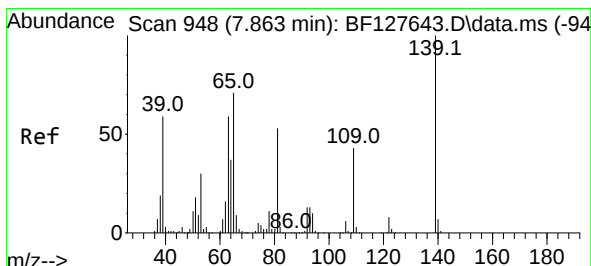
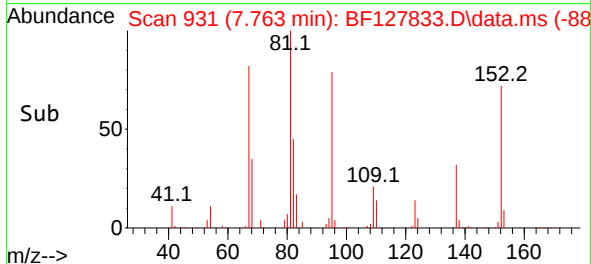
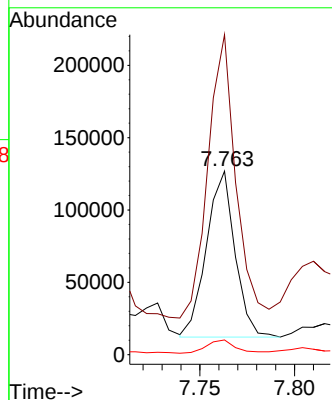
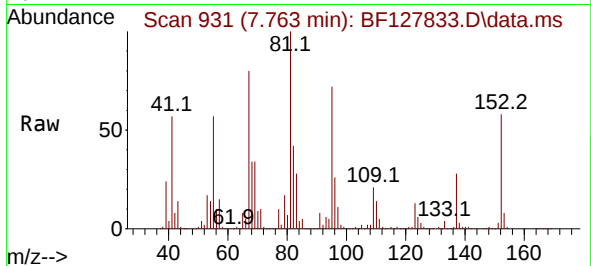




#25
Isophorone
Concen: 9.569 ng
RT: 7.763 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

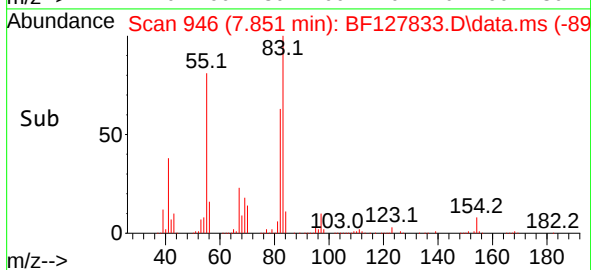
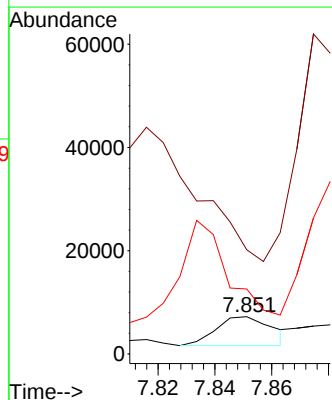
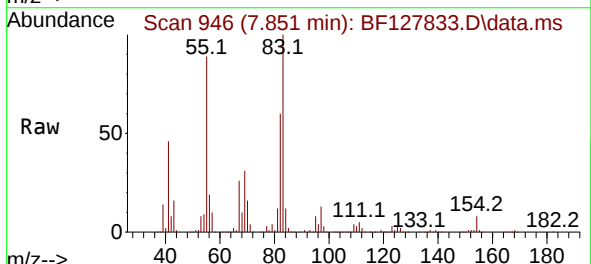
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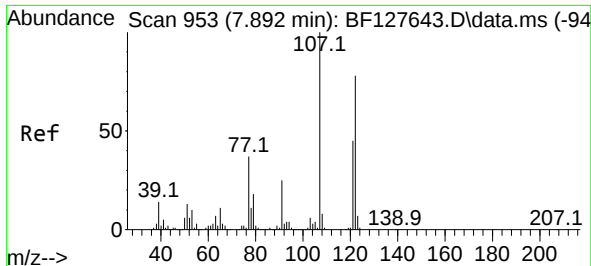
Tgt Ion: 82 Resp: 120064
Ion Ratio Lower Upper
82 100
95 174.3 5.8 8.8#
138 8.0 11.6 17.4#



#26
2-Nitrophenol
Concen: 3.069 ng
RT: 7.851 min Scan# 946
Delta R.T. -0.006 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion: 139 Resp: 7687
Ion Ratio Lower Upper
139 100
109 278.9 28.2 42.2#
65 174.1 55.3 82.9#

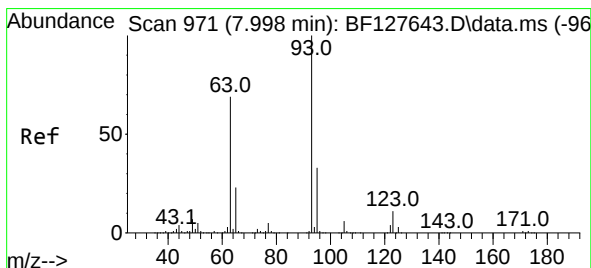
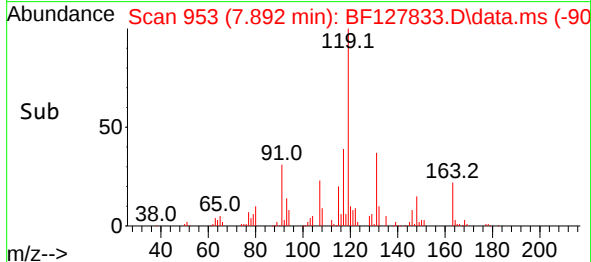
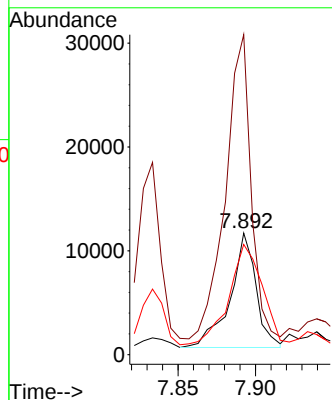
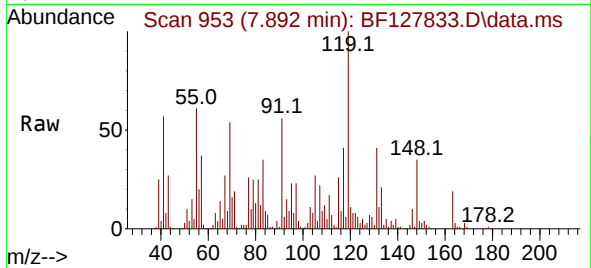




#27
2,4-Dimethylphenol
Concen: 2.608 ng
RT: 7.892 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

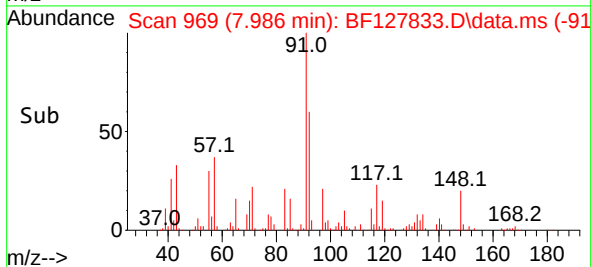
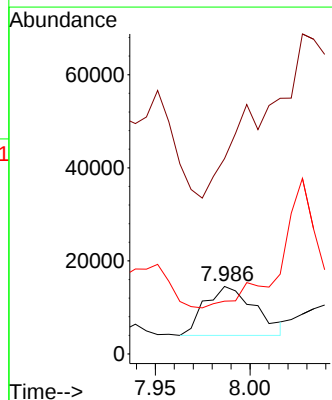
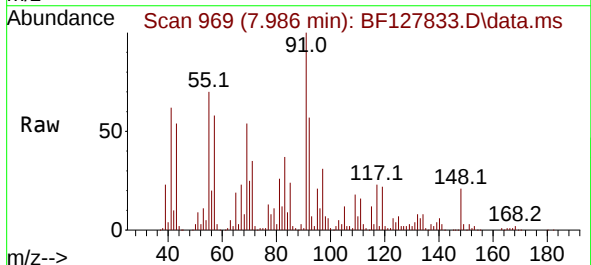
Instrument :
BNA_F
ClientSampleId :
SB-12

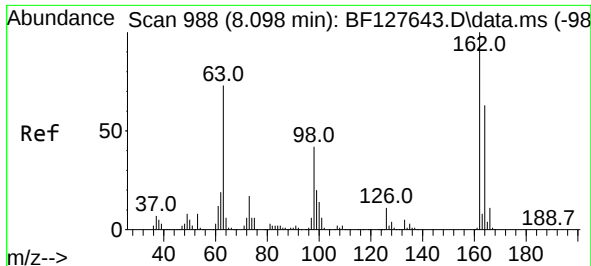
Tgt Ion:122 Resp: 12790
Ion Ratio Lower Upper
122 100
107 263.1 93.0 139.4#
121 90.6 44.9 67.3#



#28
bis(2-Chloroethoxy)methane
Concen: 2.506 ng
RT: 7.986 min Scan# 969
Delta R.T. -0.000 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion: 93 Resp: 19388
Ion Ratio Lower Upper
93 100
95 289.0 26.3 39.5#
123 78.1 8.0 12.0#





#29

2,4-Dichlorophenol

Concen: 2.803 ng

RT: 8.069 min Scan# 91

Delta R.T. -0.030 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

Instrument :

BNA_F

ClientSampleId :

SB-12

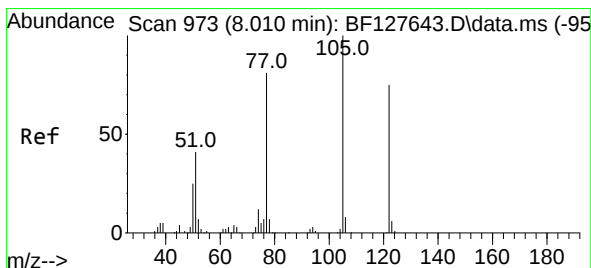
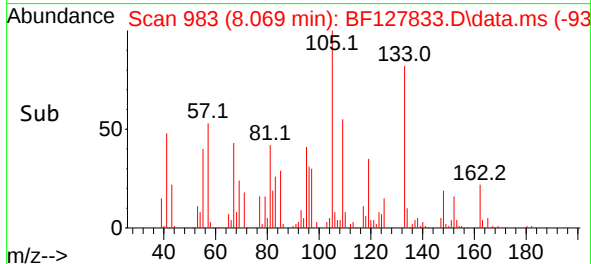
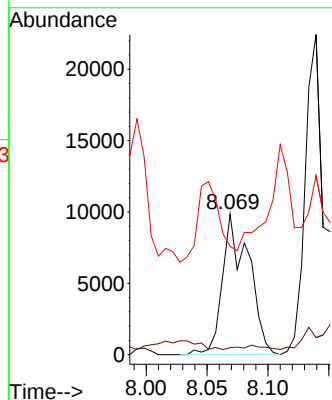
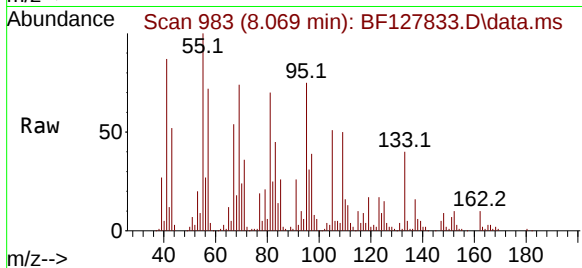
Tgt Ion:162 Resp: 14811

Ion Ratio Lower Upper

162 100

164 5.0 43.7 83.7#

98 77.0 23.5 63.5#



#32

Benzoic acid

Concen: 2.617 ng

RT: 8.028 min Scan# 976

Delta R.T. 0.012 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

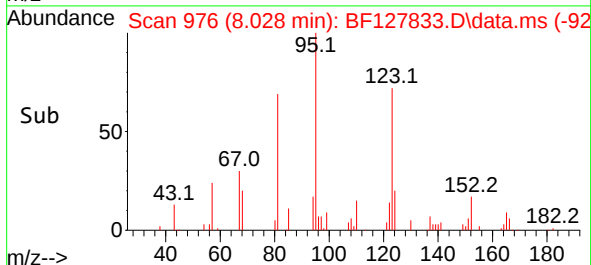
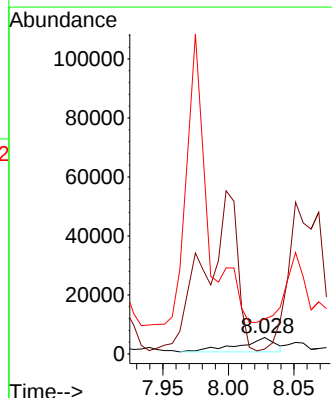
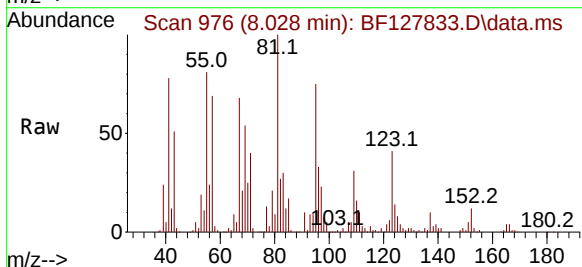
Tgt Ion:122 Resp: 9313

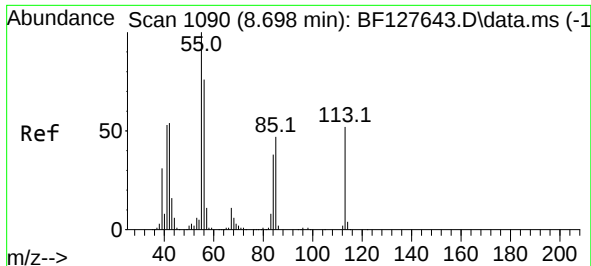
Ion Ratio Lower Upper

122 100

105 29.8 117.1 157.1#

77 214.2 93.0 133.0#

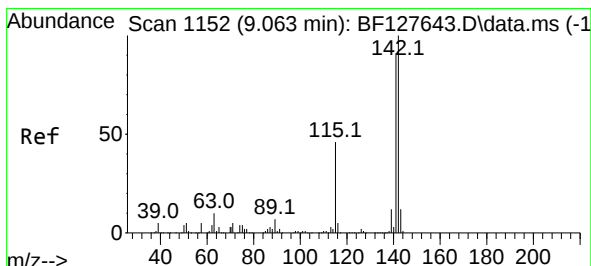
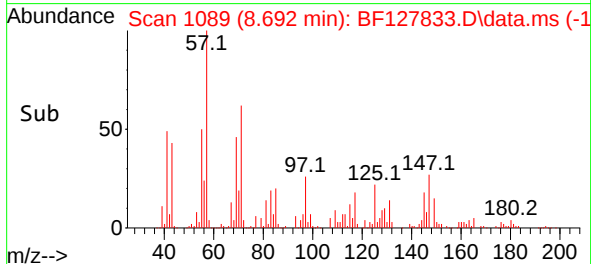
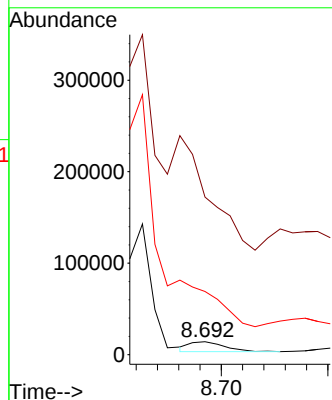
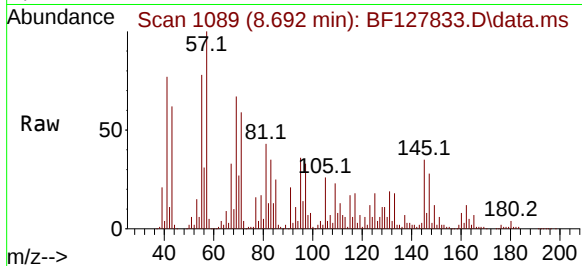




#35
 Caprolactam
 Concen: 7.845 ng
 RT: 8.692 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF127833.D
 Acq: 18 Apr 2022 18:57

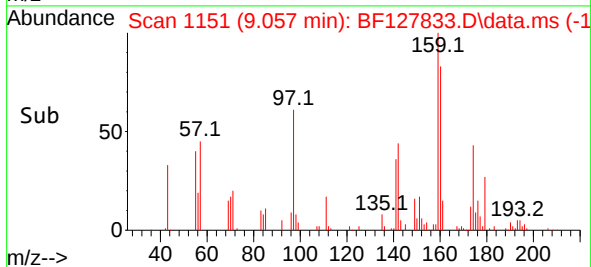
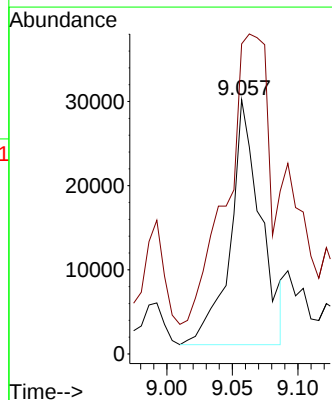
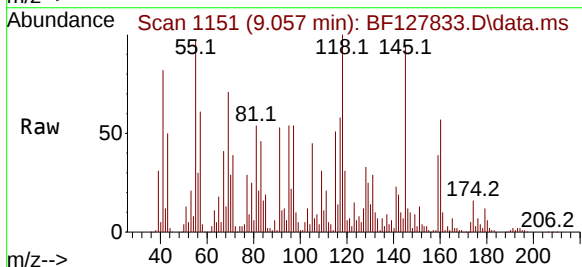
Instrument :
 BNA_F
 ClientSampleId :
 SB-12

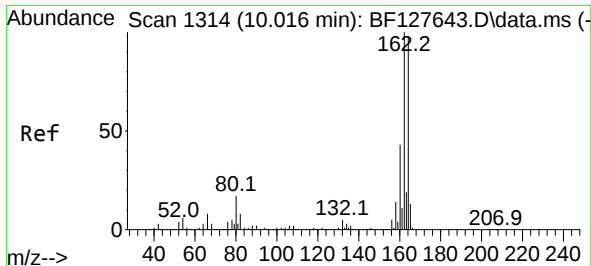
Tgt Ion:113 Resp: 12249
 Ion Ratio Lower Upper
 113 100
 55 1214.6 218.7 258.7#
 56 486.8 156.2 196.2#



#38
 1-Methylnaphthalene
 Concen: 4.309 ng
 RT: 9.057 min Scan# 1151
 Delta R.T. -0.000 min
 Lab File: BF127833.D
 Acq: 18 Apr 2022 18:57

Tgt Ion:142 Resp: 46723
 Ion Ratio Lower Upper
 142 100
 141 121.9 74.2 111.2#

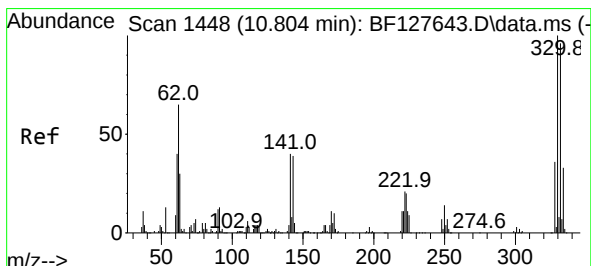
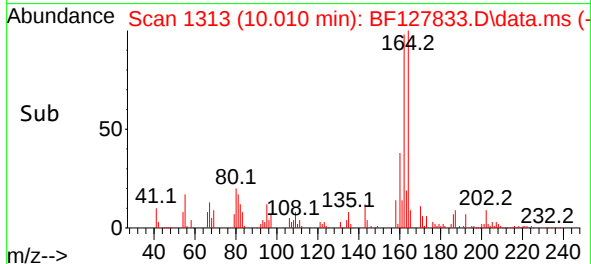
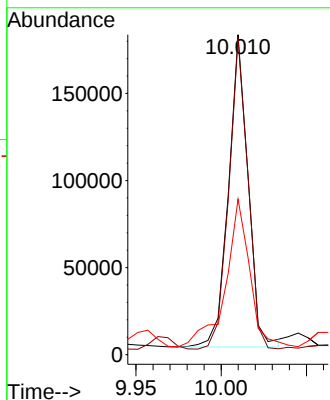
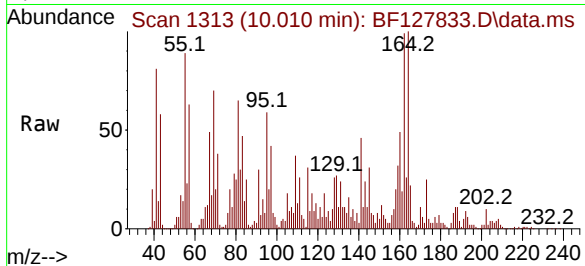




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

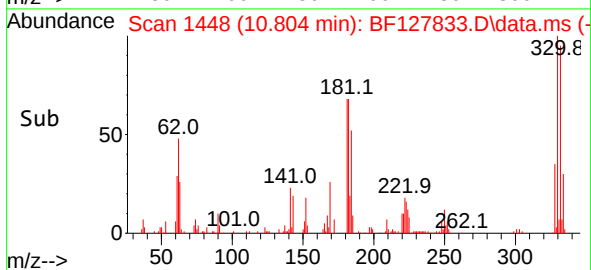
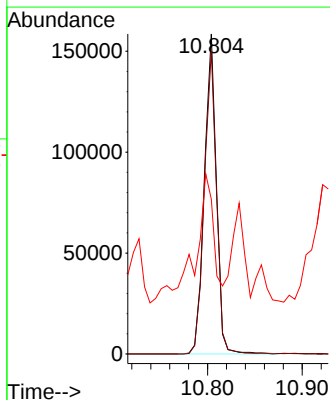
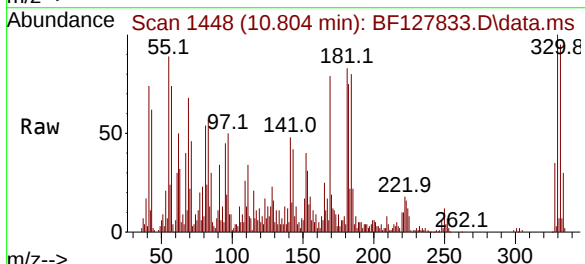
Instrument :
BNA_F
ClientSampleId :
SB-12

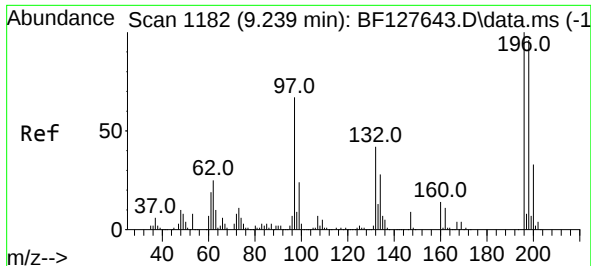
Tgt Ion:164 Resp: 143143
Ion Ratio Lower Upper
164 100
162 98.8 81.2 121.8
160 48.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 92.278 ng
RT: 10.804 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion:330 Resp: 140563
Ion Ratio Lower Upper
330 100
332 95.5 79.1 118.7
141 63.5 26.2 39.4#





#43

2,4,6-Trichlorophenol

Concen: 2.105 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

Instrument :

BNA_F

ClientSampleId :

SB-12

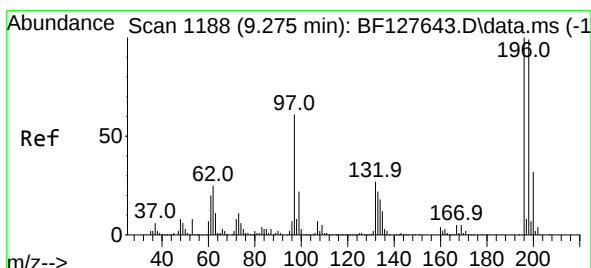
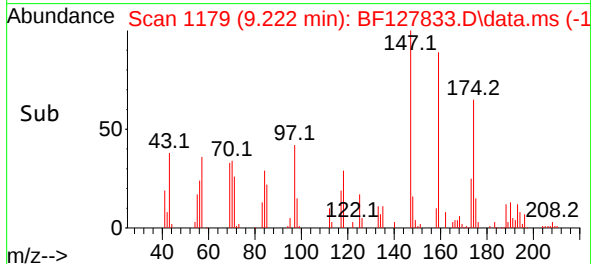
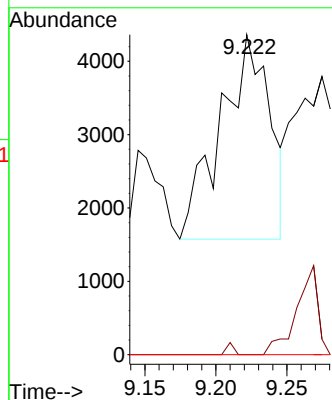
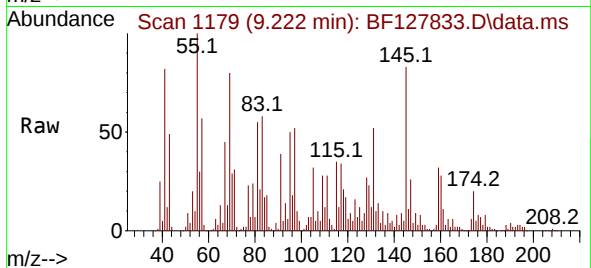
Tgt Ion:196 Resp: 6711

Ion Ratio Lower Upper

196 100

198 0.0 77.8 116.6#

200 0.0 25.9 38.9#



#44

2,4,5-Trichlorophenol

Concen: 2.087 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.053 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

Tgt Ion:196 Resp: 6711

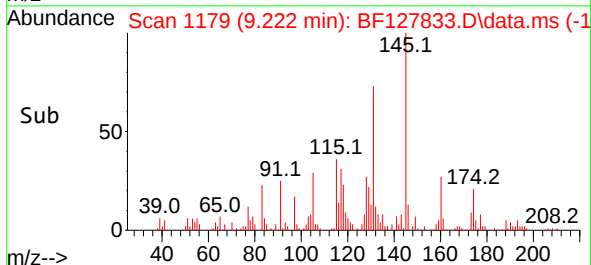
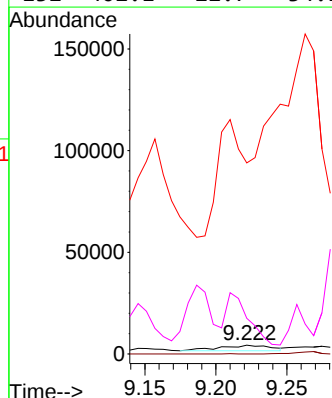
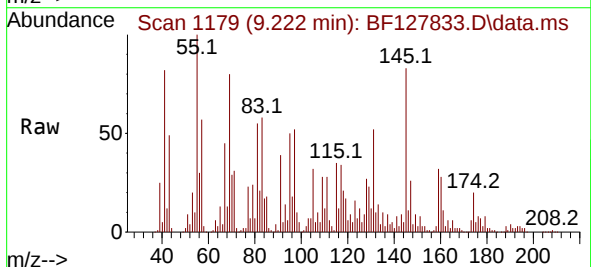
Ion Ratio Lower Upper

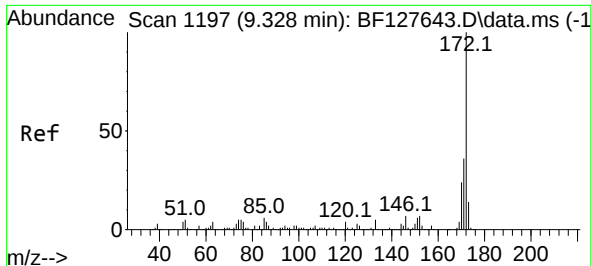
196 100

198 0.0 75.3 112.9#

97 2154.1 46.8 70.2#

132 402.1 22.7 34.1#





#45

2-Fluorobiphenyl

Concen: 71.065 ng

RT: 9.322 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

Instrument :

BNA_F

ClientSampleId :

SB-12

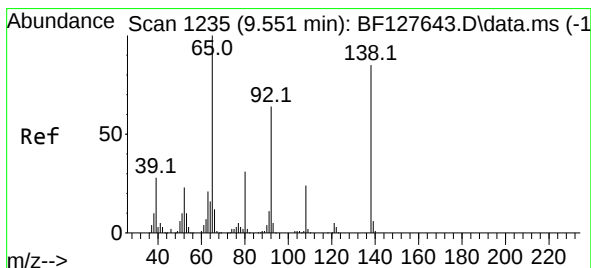
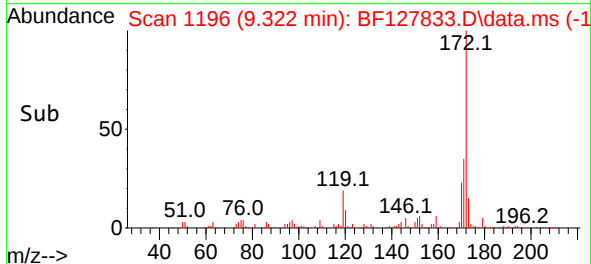
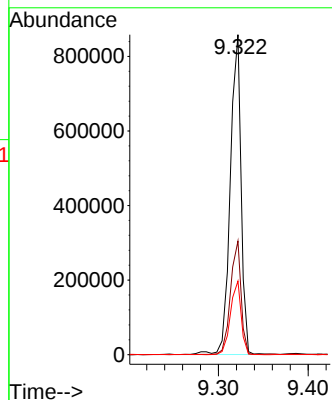
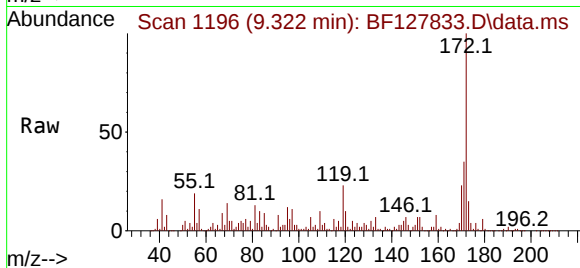
Tgt Ion:172 Resp: 719076

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.0 18.6 27.8



#48

2-Nitroaniline

Concen: 7.455 ng

RT: 9.528 min Scan# 1231

Delta R.T. -0.018 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

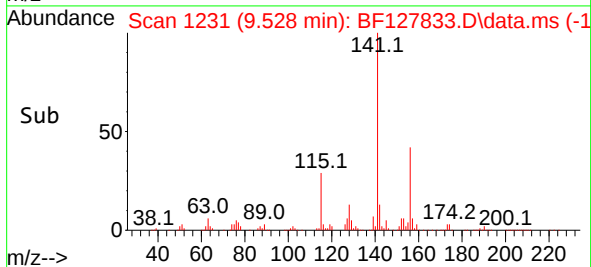
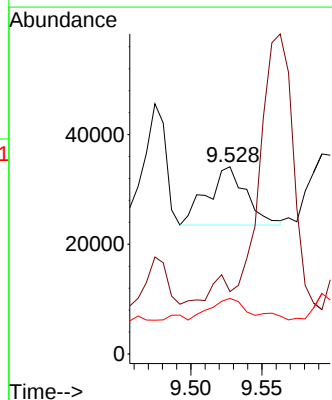
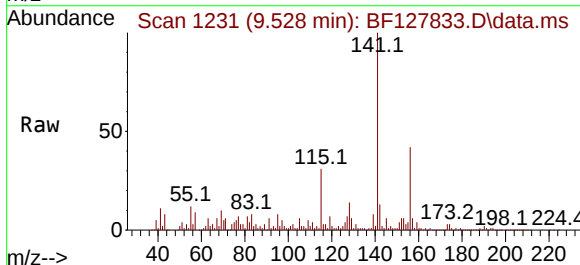
Tgt Ion: 65 Resp: 20142

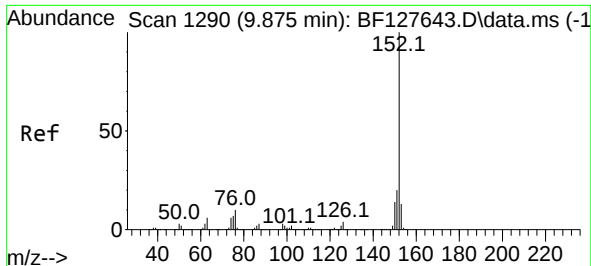
Ion Ratio Lower Upper

65 100

92 33.4 50.0 75.0#

138 29.7 64.1 96.1#

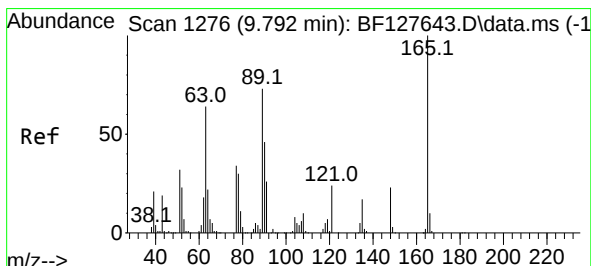
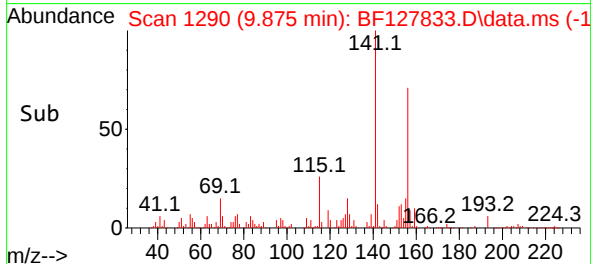
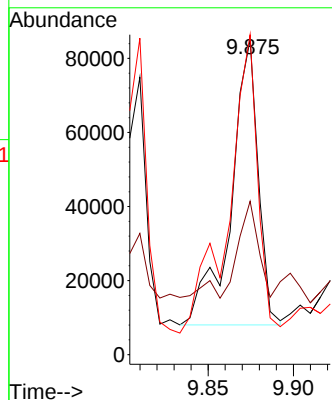
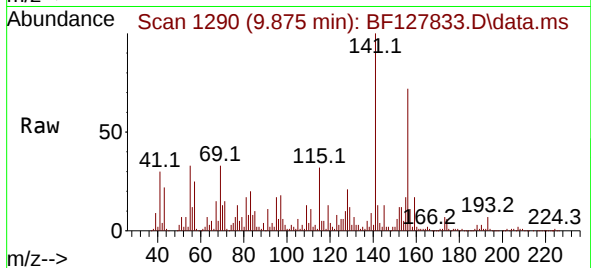




#49
Acenaphthylene
Concen: 6.455 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

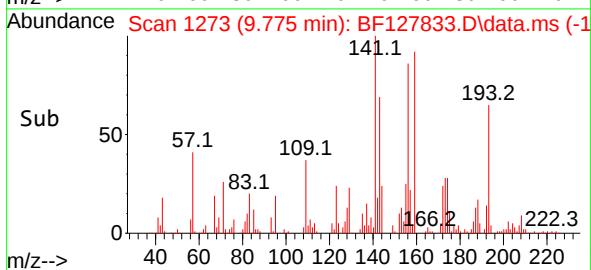
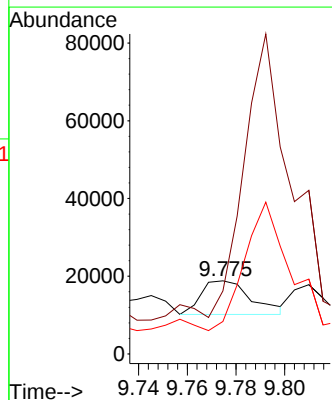
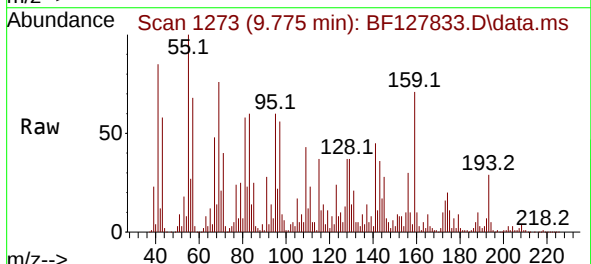
Instrument :
BNA_F
ClientSampleId :
SB-12

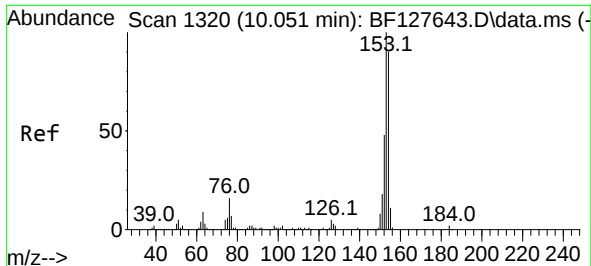
Tgt Ion:152 Resp: 85423
Ion Ratio Lower Upper
152 100
151 48.7 15.8 23.8#
153 101.6 10.5 15.7#



#51
2,6-Dinitrotoluene
Concen: 6.334 ng
RT: 9.775 min Scan# 1273
Delta R.T. -0.012 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion:165 Resp: 12387
Ion Ratio Lower Upper
165 100
63 86.2 58.3 87.5
89 44.4 51.5 77.3#

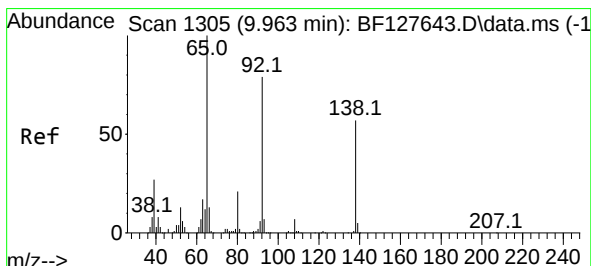
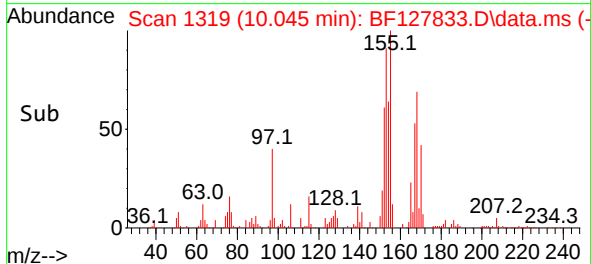
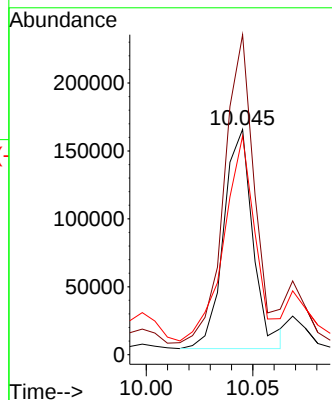
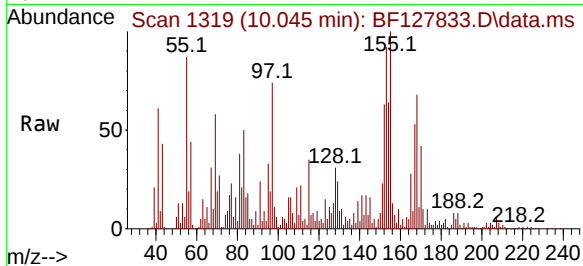




#52
Acenaphthene
Concen: 18.580 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

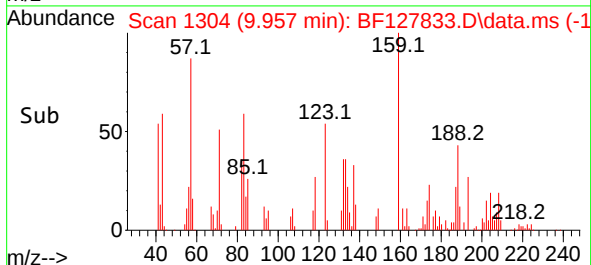
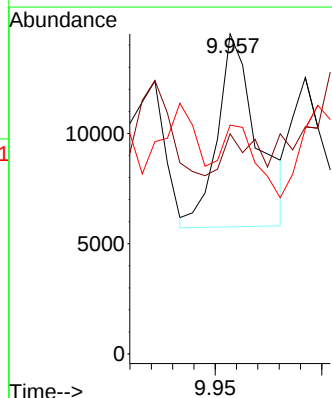
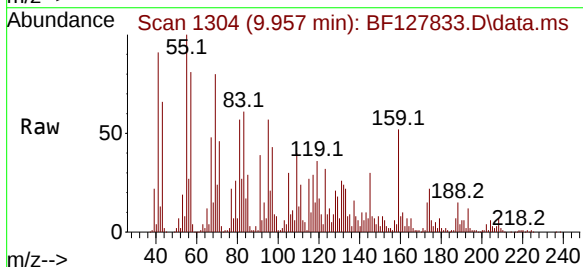
Instrument :
BNA_F
ClientSampleId :
SB-12

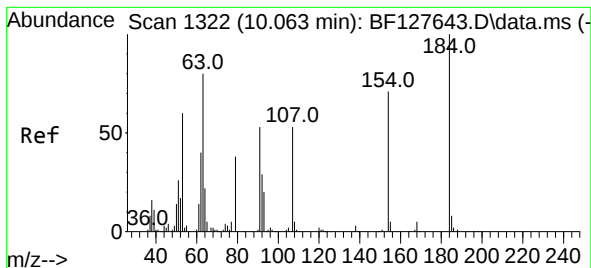
Tgt Ion:154 Resp: 154899
Ion Ratio Lower Upper
154 100
153 142.1 87.6 131.4#
152 97.1 42.9 64.3#



#53
3-Nitroaniline
Concen: 5.486 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion:138 Resp: 11334
Ion Ratio Lower Upper
138 100
108 68.8 9.4 14.0#
92 71.5 106.1 159.1#

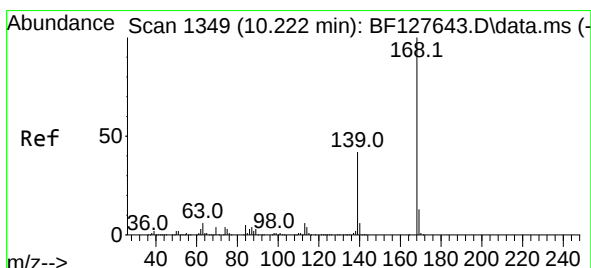
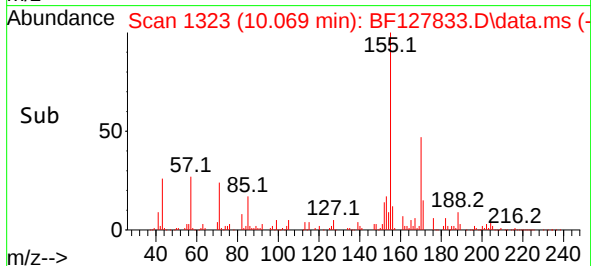
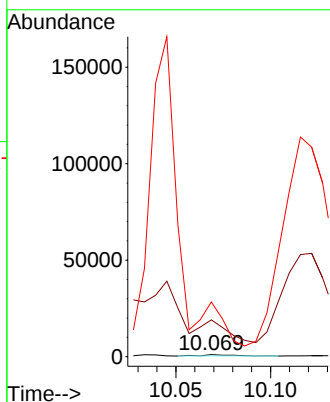
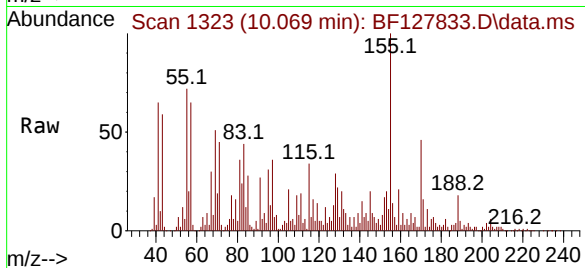




#54
2,4-Dinitrophenol
Concen: 6.170 ng
RT: 10.069 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

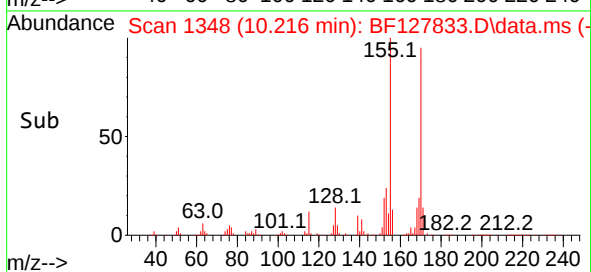
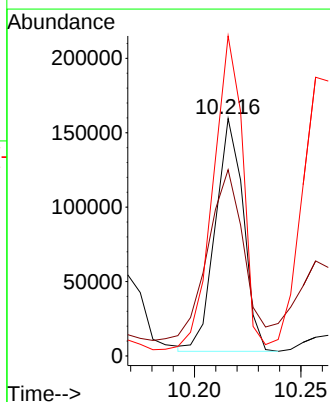
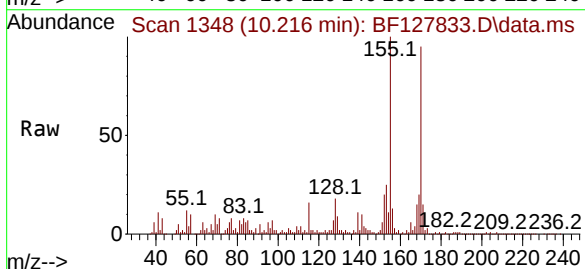
Instrument :
BNA_F
ClientSampleId :
SB-12

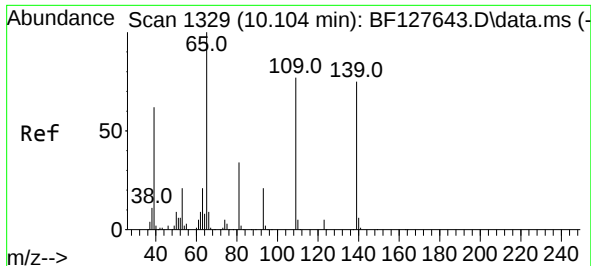
Tgt Ion:184 Resp: 895
Ion Ratio Lower Upper
184 100
63 1764.6 58.1 87.1#
154 2626.9 53.2 79.8#



#55
Dibenzofuran
Concen: 11.771 ng
RT: 10.216 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion:168 Resp: 143196
Ion Ratio Lower Upper
168 100
139 78.4 30.3 45.5#
169 134.7 10.8 16.2#

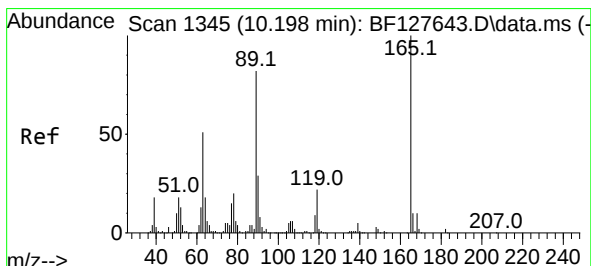
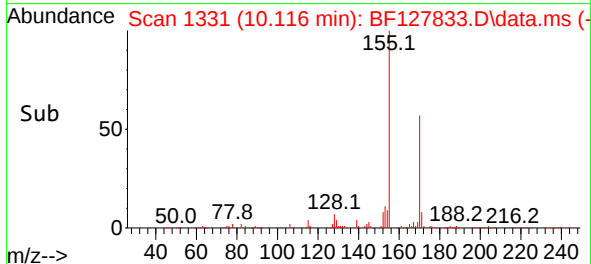
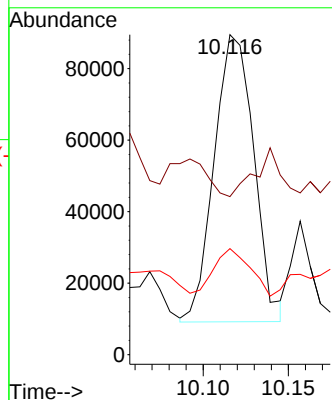
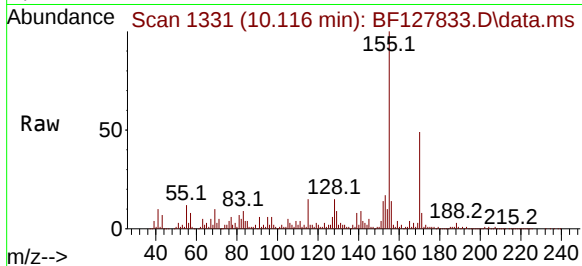




#56
4-Nitrophenol
Concen: 80.108 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

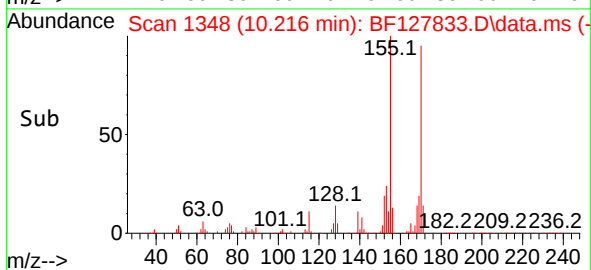
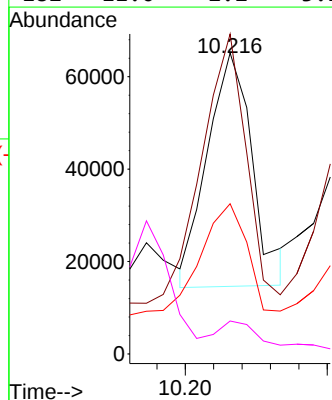
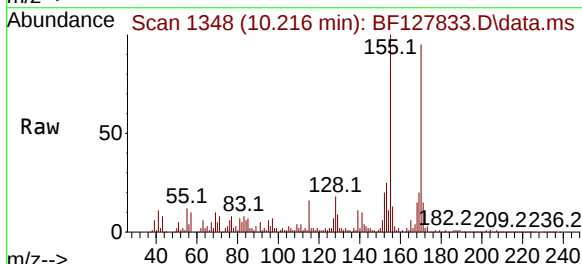
Instrument :
BNA_F
ClientSampleId :
SB-12

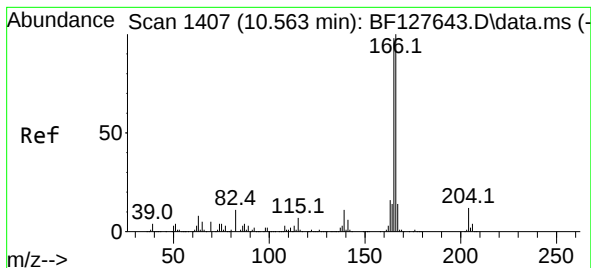
Tgt Ion:139 Resp: 130006
Ion Ratio Lower Upper
139 100
109 49.4 64.3 104.3#
65 33.1 117.5 157.5#



#57
2,4-Dinitrotoluene
Concen: 22.884 ng
RT: 10.216 min Scan# 1348
Delta R.T. 0.023 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion:165 Resp: 55488
Ion Ratio Lower Upper
165 100
63 106.3 53.1 79.7#
89 49.9 69.2 103.8#
182 11.0 2.2 3.2#





#58

Fluorene

Concen: 35.918 ng

RT: 10.563 min Scan# 1407

Delta R.T. 0.006 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

Instrument :

BNA_F

ClientSampleId :

SB-12

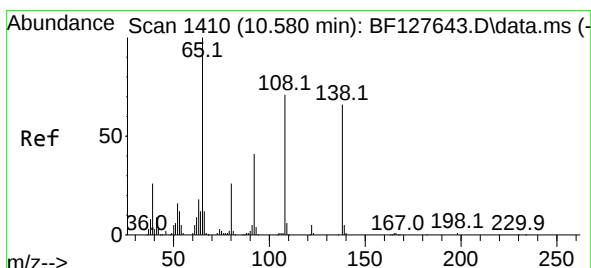
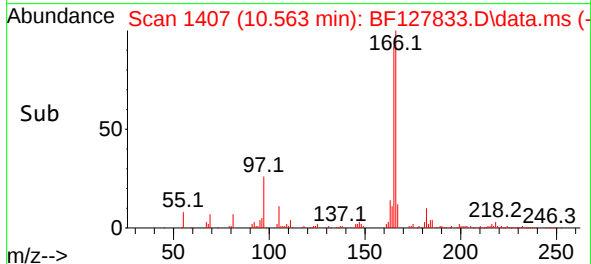
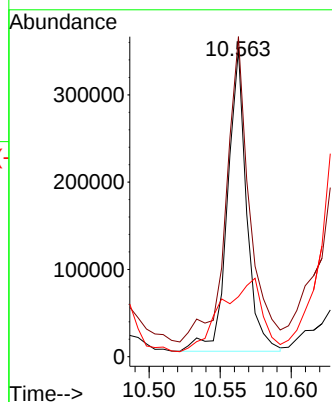
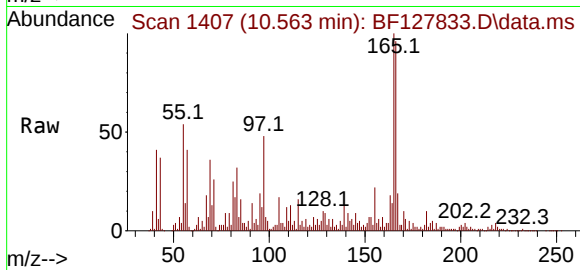
Tgt Ion:166 Resp: 322864

Ion Ratio Lower Upper

166 100

165 104.0 78.1 117.1

167 19.5 10.5 15.7#



#62

4-Nitroaniline

Concen: 2.351 ng

RT: 10.627 min Scan# 1418

Delta R.T. 0.053 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

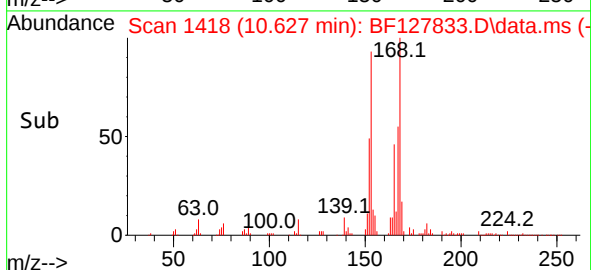
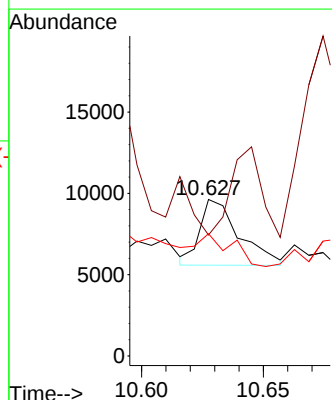
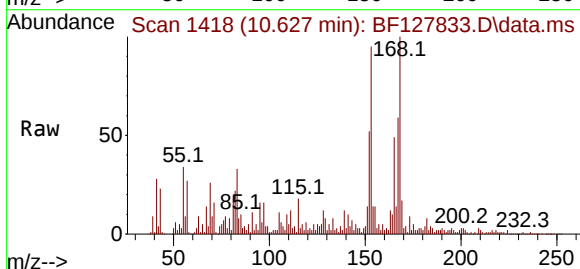
Tgt Ion:138 Resp: 4574

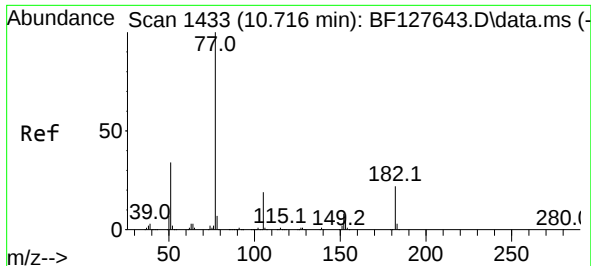
Ion Ratio Lower Upper

138 100

92 77.3 40.5 80.5

108 78.1 69.2 109.2

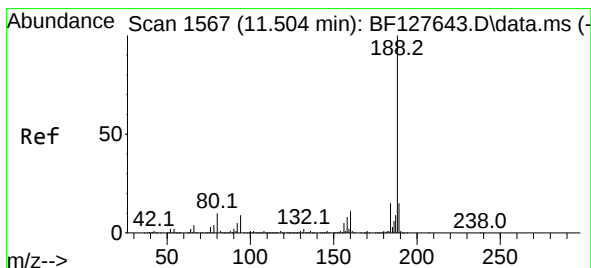
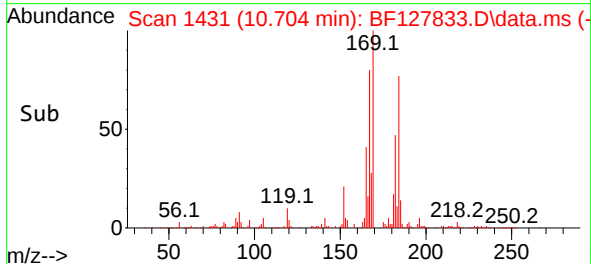
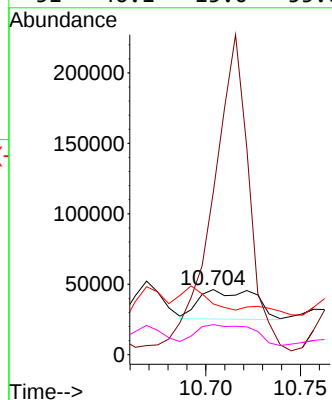
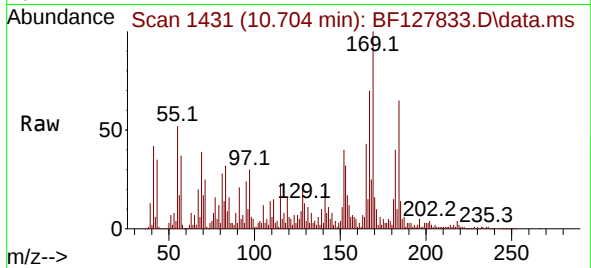




#63
Azobenzene
Concen: 3.840 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

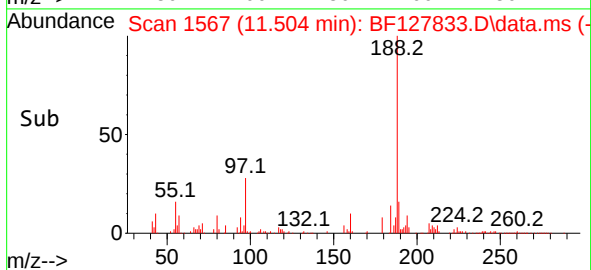
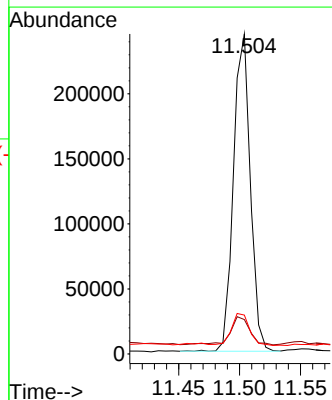
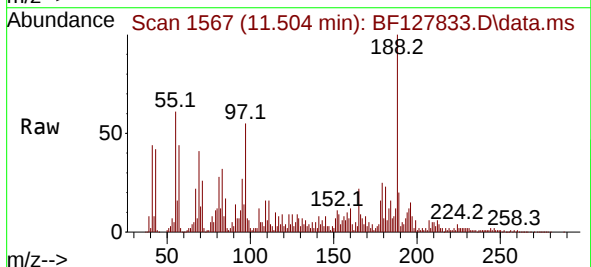
Instrument :
BNA_F
ClientSampleId :
SB-12

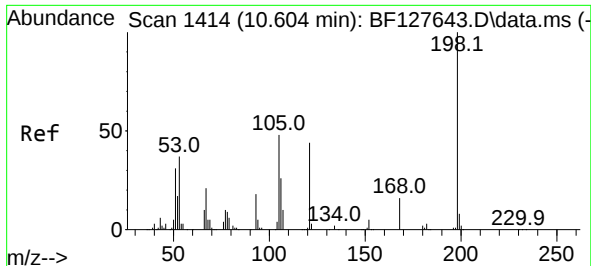
Tgt Ion: 77	Resp: 42601
Ion Ratio	Lower Upper
77 100	
182 249.5	4.5 44.5#
105 78.0	0.3 40.3#
51 46.1	15.0 55.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.012 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion: 188	Resp: 233588
Ion Ratio	Lower Upper
188 100	
94 10.8	7.4 11.0
80 12.2	8.0 12.0#

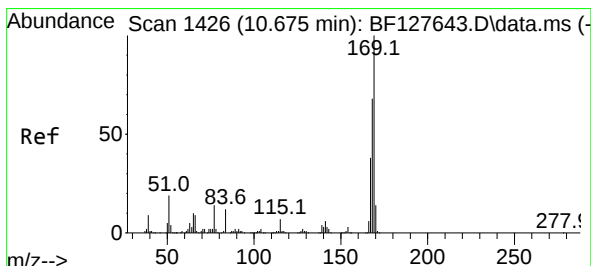
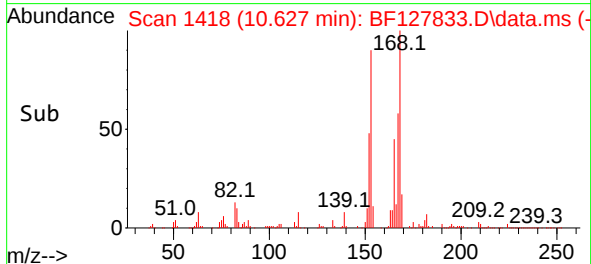
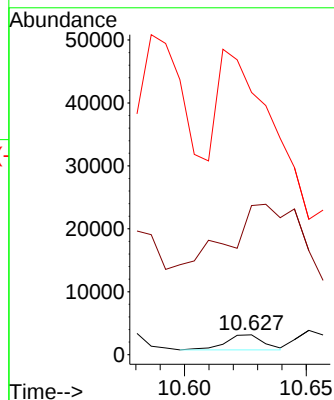
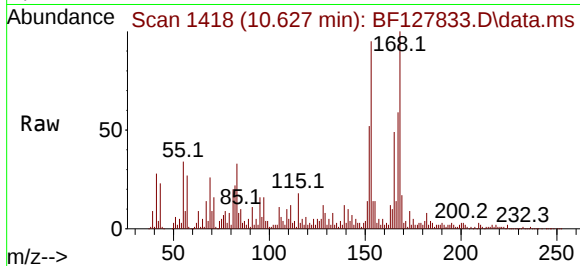




#65
4,6-Dinitro-2-methylphenol
Concen: 2.283 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.029 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

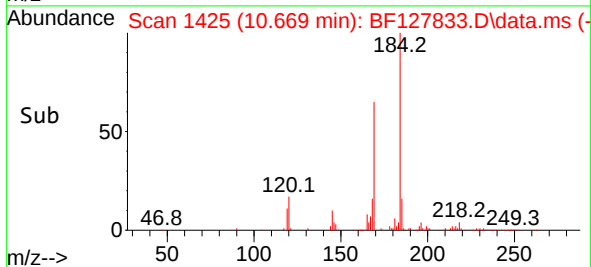
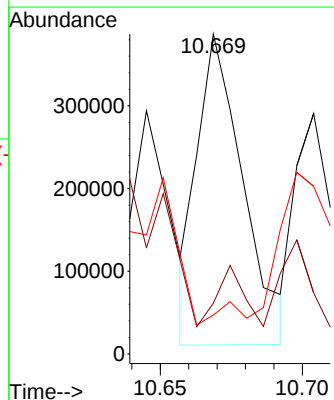
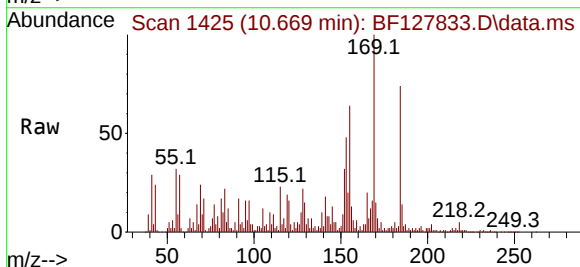
Instrument :
BNA_F
ClientSampleId :
SB-12

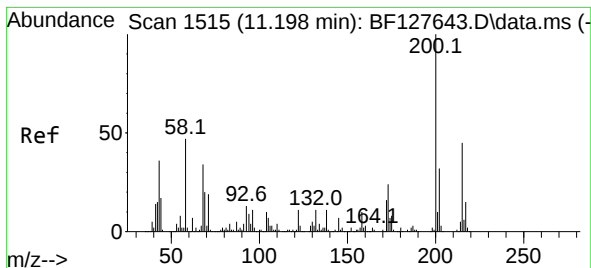
Tgt Ion:198 Resp: 2576
Ion Ratio Lower Upper
198 100
51 749.9 42.7 82.7#
105 1319.0 25.4 65.4#



#66
n-Nitrosodiphenylamine
Concen: 57.303 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion:169 Resp: 421564
Ion Ratio Lower Upper
169 100
168 15.9 52.7 79.1#
167 12.2 28.9 43.3#





#69

Atrazine

Concen: 3.054 ng

RT: 11.192 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

Instrument :

BNA_F

ClientSampleId :

SB-12

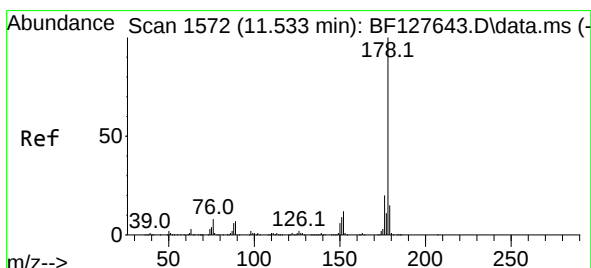
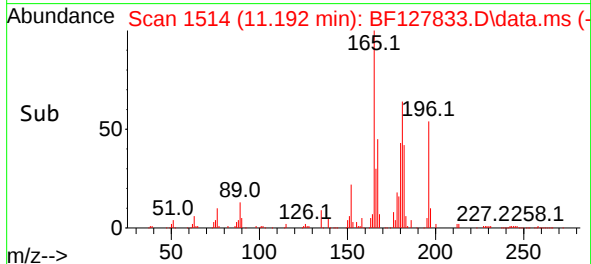
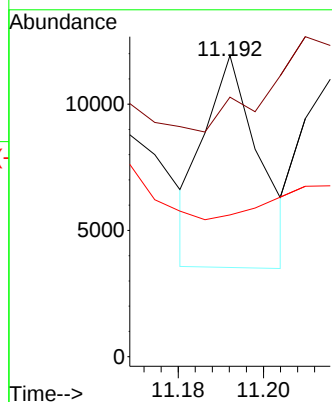
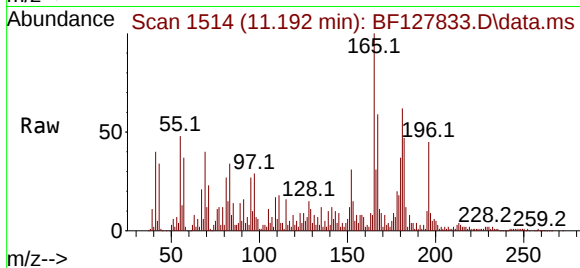
Tgt Ion:200 Resp: 7464

Ion Ratio Lower Upper

200 100

173 86.2 2.9 42.9#

215 47.1 28.0 68.0



#71

Phenanthrene

Concen: 103.127 ng

RT: 11.533 min Scan# 1572

Delta R.T. 0.012 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

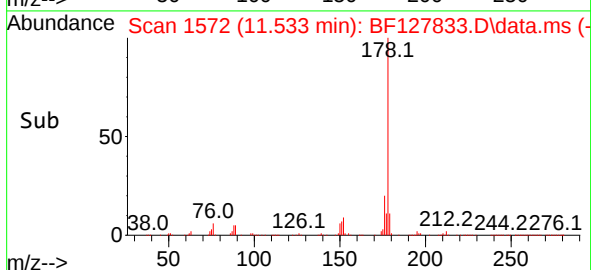
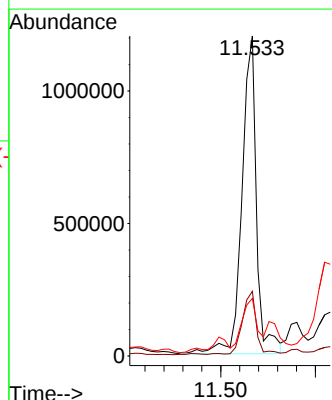
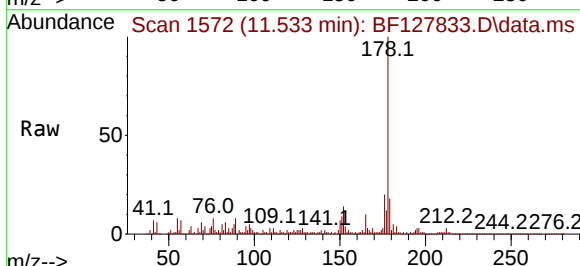
Tgt Ion:178 Resp: 1276331

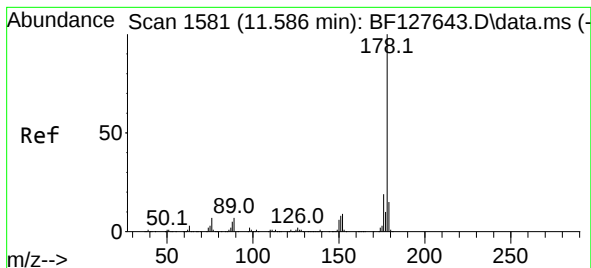
Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

179 18.0 12.4 18.6





#72

Anthracene

Concen: 104.256 ng

RT: 11.533 min Scan# 1

Delta R.T. -0.041 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

Instrument :

BNA_F

ClientSampleId :

SB-12

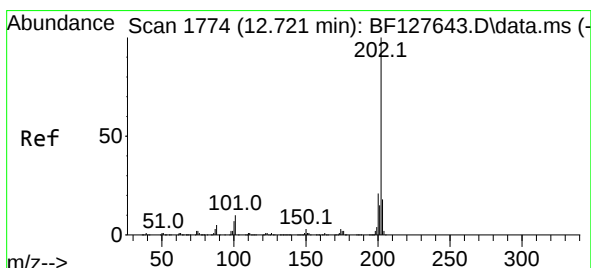
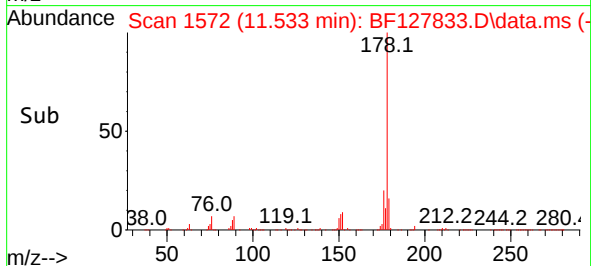
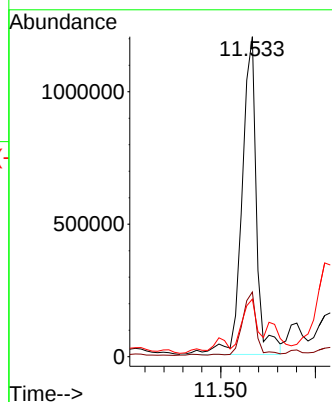
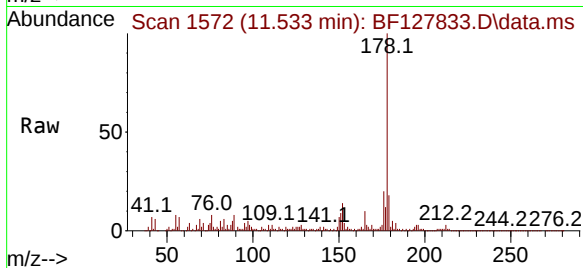
Tgt Ion:178 Resp: 1276331

Ion Ratio Lower Upper

178 100

176 20.2 14.6 22.0

179 18.0 12.4 18.6



#75

Fluoranthene

Concen: 6.795 ng

RT: 12.721 min Scan# 1774

Delta R.T. 0.012 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

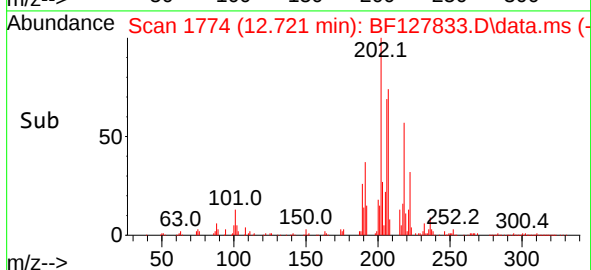
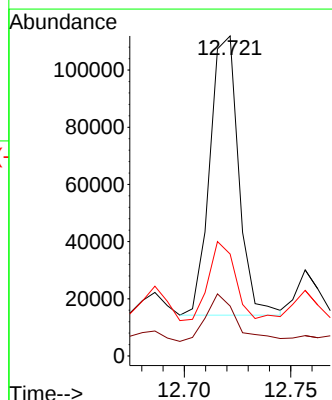
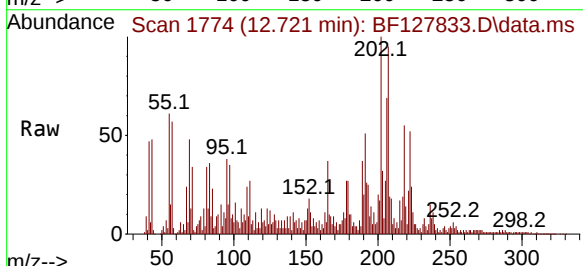
Tgt Ion:202 Resp: 91766

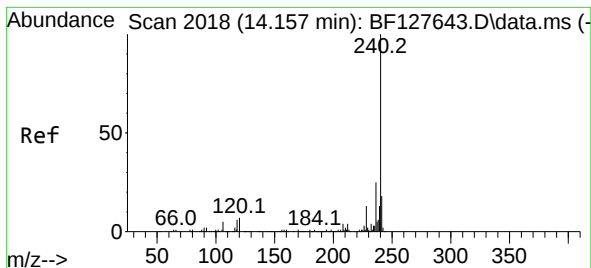
Ion Ratio Lower Upper

202 100

101 15.6 0.0 29.0

203 31.9 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

Instrument :

BNA_F

ClientSampleId :

SB-12

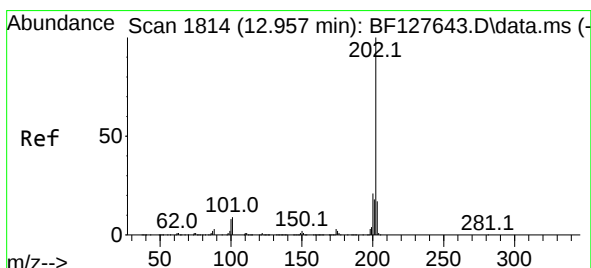
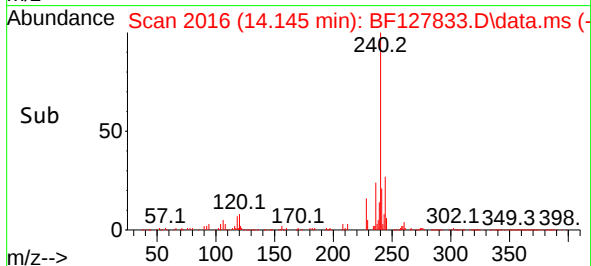
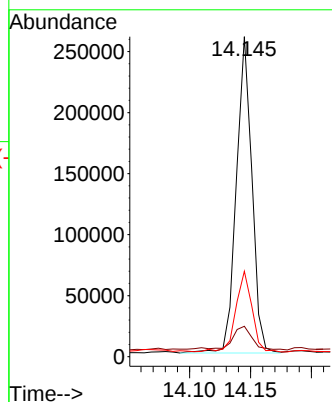
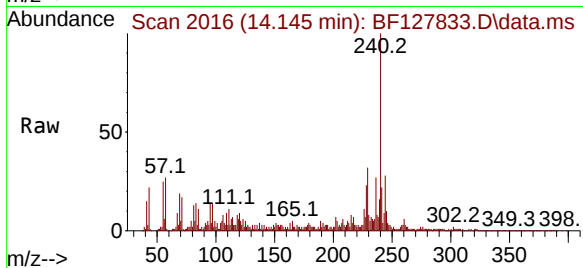
Tgt Ion:240 Resp: 230066

Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

236 26.7 20.7 31.1



#78

Pyrene

Concen: 24.244 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.006 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

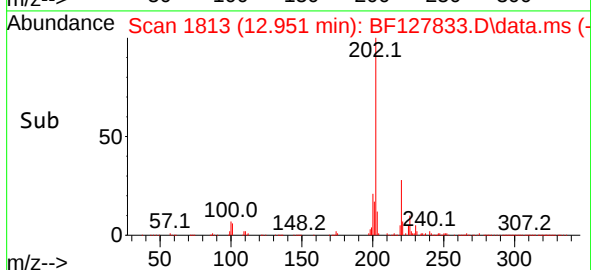
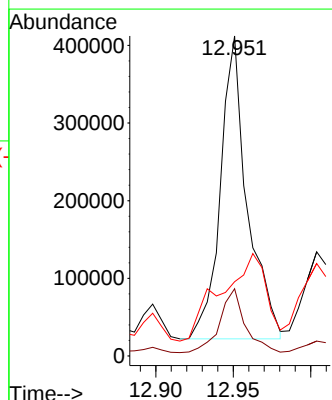
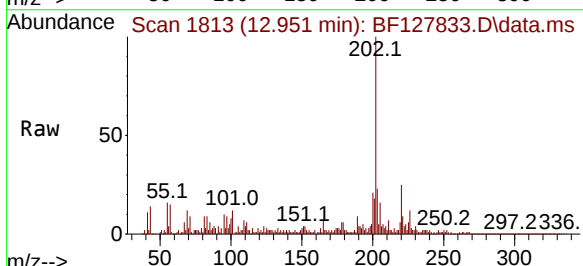
Tgt Ion:202 Resp: 471004

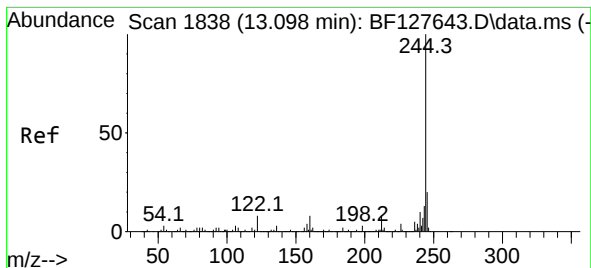
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 23.2 14.3 21.5#





#79

Terphenyl-d14

Concen: 51.207 ng

RT: 13.086 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

Instrument :

BNA_F

ClientSampleId :

SB-12

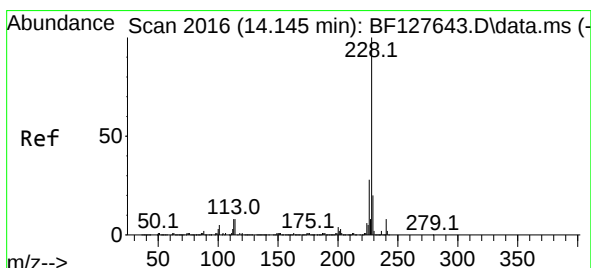
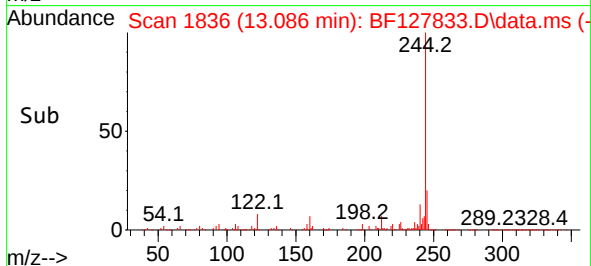
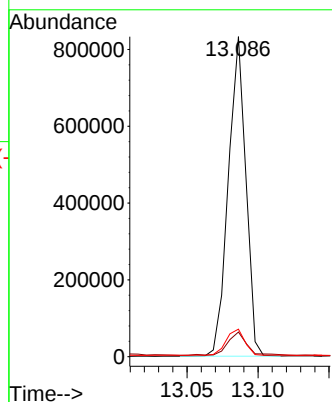
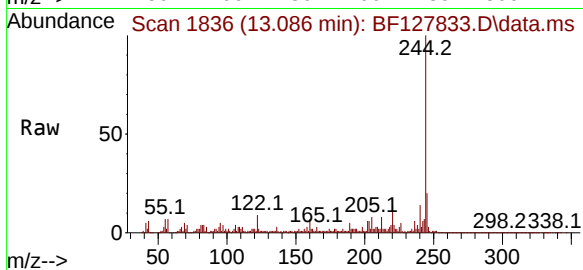
Tgt Ion:244 Resp: 713743

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

122 8.6 6.2 9.2



#81

Benzo(a)anthracene

Concen: 9.241 ng

RT: 14.133 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF127833.D

Acq: 18 Apr 2022 18:57

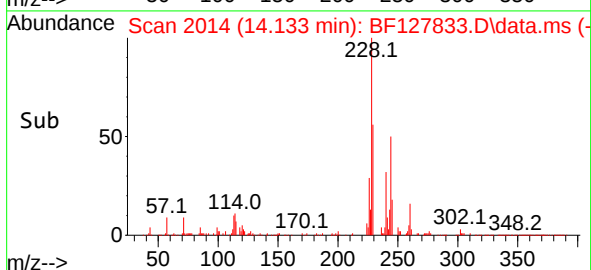
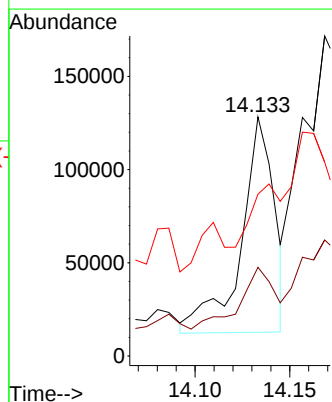
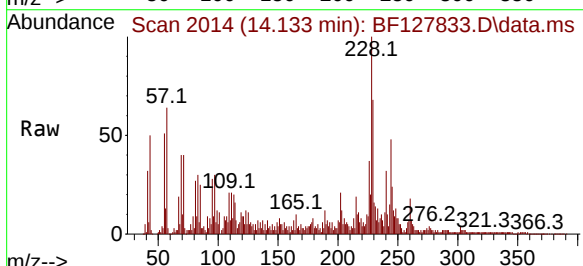
Tgt Ion:228 Resp: 142000

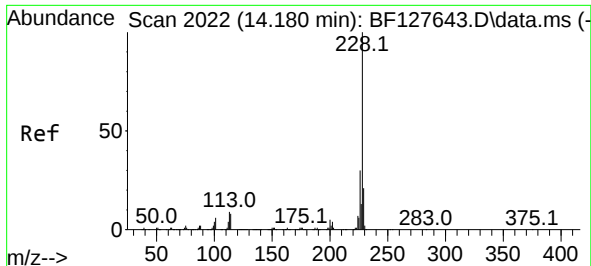
Ion Ratio Lower Upper

228 100

226 37.1 21.6 32.4#

229 67.7 15.4 23.2#

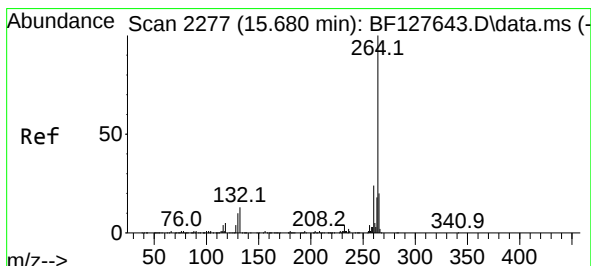
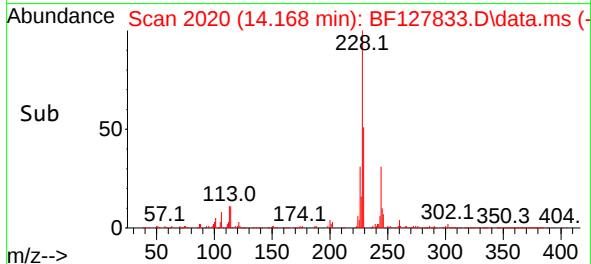
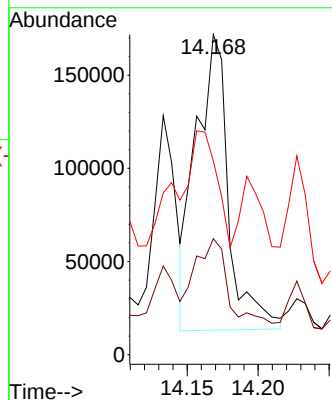
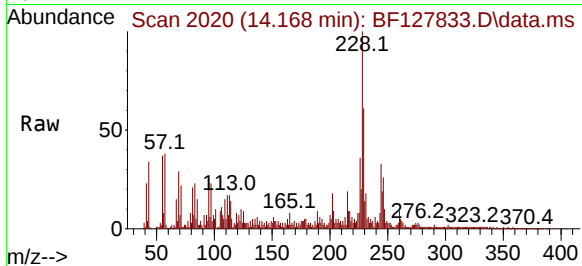




#83
Chrysene
Concen: 17.289 ng
RT: 14.168 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

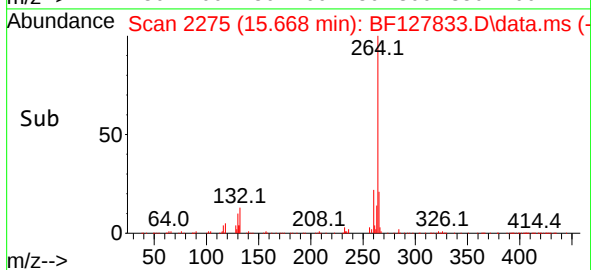
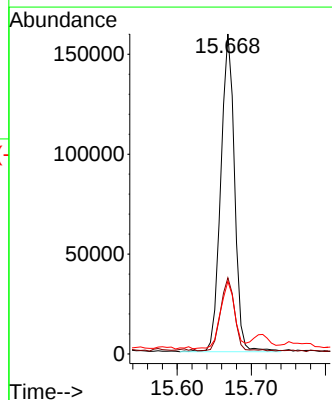
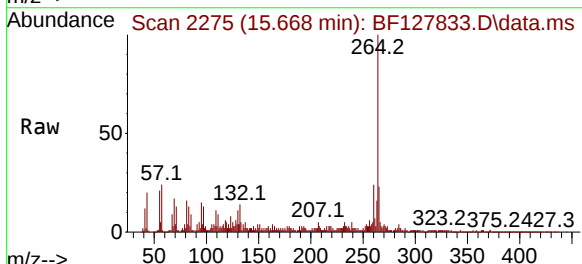
Instrument :
BNA_F
ClientSampleId :
SB-12

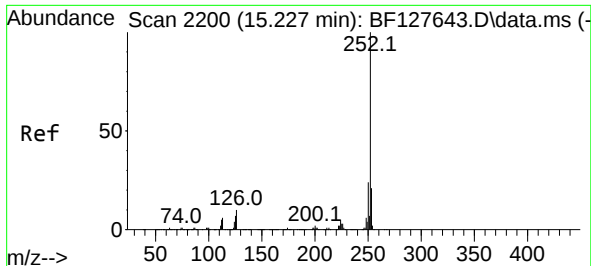
Tgt Ion:228 Resp: 255007
Ion Ratio Lower Upper
228 100
226 36.2 24.2 36.4
229 60.6 15.4 23.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion:264 Resp: 206125
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 22.7 17.4 26.2

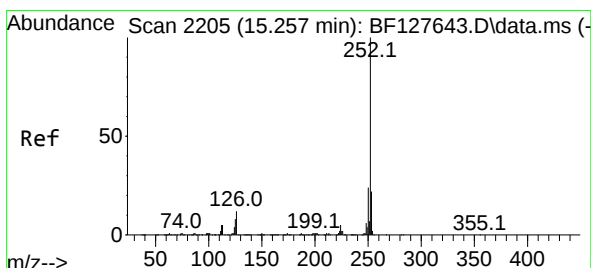
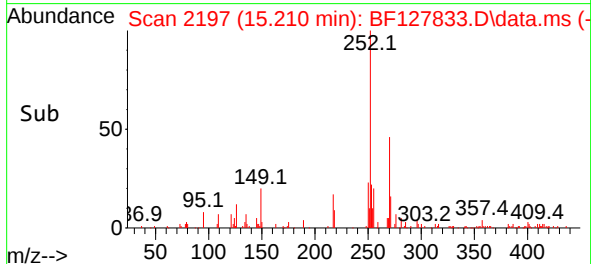
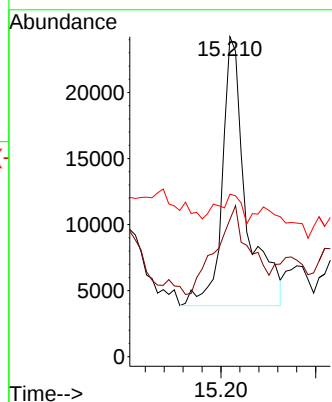
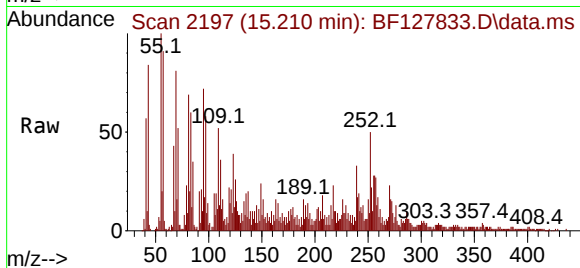




#88
Benzo(b)fluoranthene
Concen: 2.702 ng
RT: 15.210 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

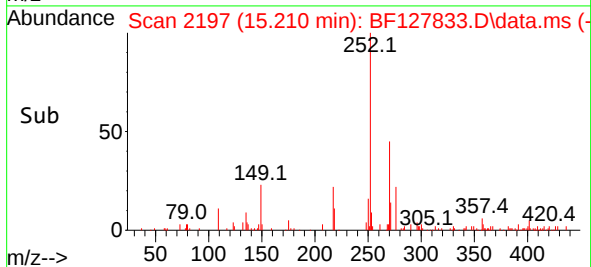
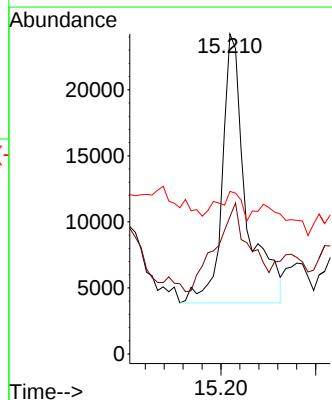
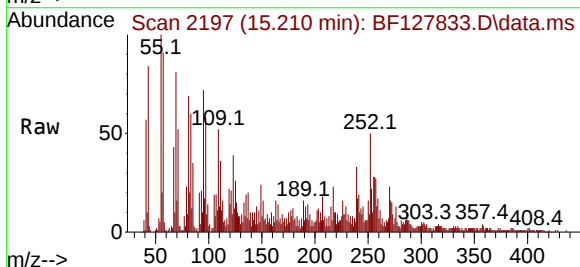
Instrument :
BNA_F
ClientSampleId :
SB-12

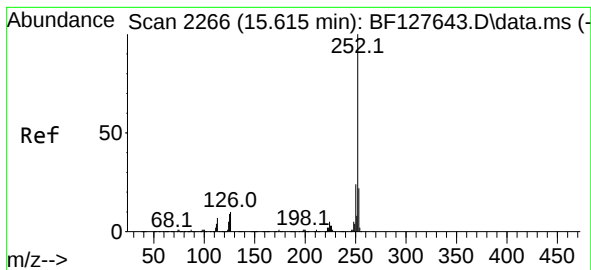
Tgt Ion:252 Resp: 35835
Ion Ratio Lower Upper
252 100
253 42.9 17.9 26.9#
125 50.8 7.0 10.4#



#89
Benzo(k)fluoranthene
Concen: 2.725 ng
RT: 15.210 min Scan# 2197
Delta R.T. -0.030 min
Lab File: BF127833.D
Acq: 18 Apr 2022 18:57

Tgt Ion:252 Resp: 35835
Ion Ratio Lower Upper
252 100
253 42.9 17.3 25.9#
125 50.8 6.9 10.3#





#90

Benzo(a)pyrene

Concen: 4.114 ng

RT: 15.604 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127833.D

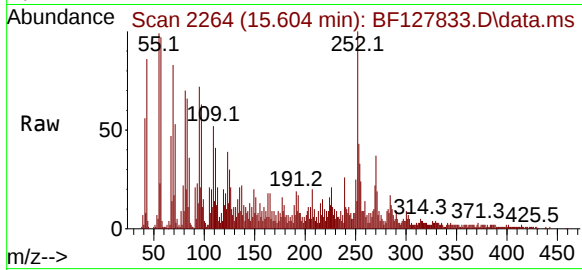
Acq: 18 Apr 2022 18:57

Instrument :

BNA_F

ClientSampleId :

SB-12



Tgt Ion:252 Resp: 44336

Ion Ratio Lower Upper

252 100

253 42.7 17.0 25.6#

125 29.6 6.7 10.1#

