

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128813.D
 Acq On : 14 Jun 2022 21:44
 Operator : CG\JU
 Sample : N3334-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-8

Quant Time: Jun 15 01:02:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	54689	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	179689	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	95068	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	156592	20.000	ng	# 0.01
76) Chrysene-d12	14.015	240	92235	20.000	ng	# 0.05
86) Perylene-d12	15.509	264	74184	20.000	ng	# 0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	204256	59.490	ng	0.00
7) Phenol-d6	6.439	99	247095	58.957	ng	0.00
23) Nitrobenzene-d5	7.345	82	183988	47.672	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	59748	53.191	ng	0.01
45) 2-Fluorobiphenyl	9.151	172	279368	41.164	ng	0.00
79) Terphenyl-d14	12.939	244	268132	50.514	ng	0.04
Target Compounds						
						Qvalue
9) Benzaldehyde	6.339	77	25667	10.052	ng	# 1
15) Benzyl Alcohol	6.934	79	7191	2.051	ng	# 40
18) Hexachloroethane	7.322	117	61559	40.338	ng	# 1
19) n-Nitroso-di-n-propyla...	7.210	70	25983	9.971	ng	# 65
22) Acetophenone	7.181	105	193718	41.219	ng	# 57
24) Nitrobenzene	7.357	77	12584	3.552	ng	# 46
25) Isophorone	7.592	82	51941	8.861	ng	# 1
26) 2-Nitrophenol	7.686	139	8027	5.142	ng	# 1
27) 2,4-Dimethylphenol	7.722	122	9022	3.794	ng	# 1
29) 2,4-Dichlorophenol	7.922	162	5709	2.074	ng	# 10
31) Naphthalene	8.092	128	218481	23.692	ng	# 93
32) Benzoic acid	7.857	122	7083	4.198	ng	# 18
35) Caprolactam	8.533	113	9095	11.950	ng	# 1
37) 2-Methylnaphthalene	8.792	142	641842	109.426	ng	99
38) 1-Methylnaphthalene	8.892	142	477828	84.317	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	5101	2.555	ng	# 20
46) 1,1'-Biphenyl	9.251	154	70432	9.874	ng	97
49) Acenaphthylene	9.698	152	27482	3.298	ng	# 1
50) Dimethylphthalate	9.533	163	16725	2.570	ng	# 15
51) 2,6-Dinitrotoluene	9.633	165	5193	4.043	ng	# 70
52) Acenaphthene	9.869	154	21558	3.973	ng	# 50
53) 3-Nitroaniline	9.786	138	7004	5.025	ng	# 27
54) 2,4-Dinitrophenol	9.886	184	2091	2.923	ng	# 1
55) Dibenzofuran	10.039	168	64860	8.317	ng	# 3
56) 4-Nitrophenol	9.980	139	5066	5.014	ng	# 1
57) 2,4-Dinitrotoluene	10.039	165	21383	12.476	ng	# 53
58) Fluorene	10.386	166	77756	12.856	ng	# 86
62) 4-Nitroaniline	10.298	138	9213	6.528	ng	96
63) Azobenzene	10.539	77	17610	2.735	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.451	198	2916	3.155	ng	# 1
66) n-Nitrosodiphenylamine	10.498	169	140327	29.155	ng	# 49
70) Pentachlorophenol	11.151	266	3754	3.878	ng	# 54
71) Phenanthrene	11.357	178	228956	29.150	ng	# 92
72) Anthracene	11.404	178	23755	3.056	ng	# 44
75) Fluoranthene	12.792	202	82123	10.003	ng	68
77) Benzidine	12.721	184	5386	2.929	ng	# 1

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Misc :
ALS Vial : 17 Sample Multiplier: 1

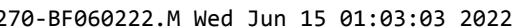
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

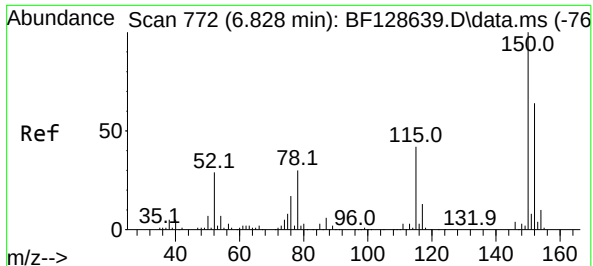
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 14:53:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	12.792	202	99248	14.463	ng	# 79
81) Benzo(a)anthracene	14.010	228	31534	5.485	ng	# 31
82) 3,3'-Dichlorobenzidine	13.945	252	3180	2.585	ng	# 1
83) Chrysene	14.039	228	77716	14.178	ng	# 54
85) Di-n-octyl phthalate	14.633	149	17749	3.146	ng	# 69
88) Benzo(b)fluoranthene	15.074	252	23503	4.958	ng	# 1
90) Benzo(a)pyrene	15.445	252	15556	4.175	ng	# 1
91) Dibenzo(a,h)anthracene	16.962	278	7980	2.152	ng	# 1
92) Benzo(g,h,i)perylene	17.409	276	12147	3.305	ng	# 13

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

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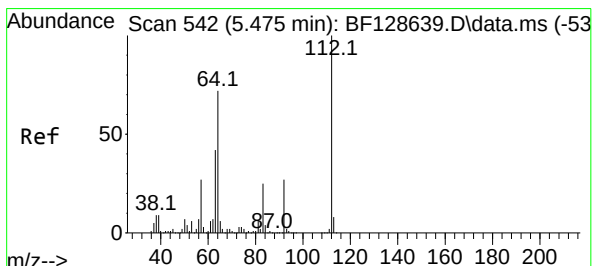
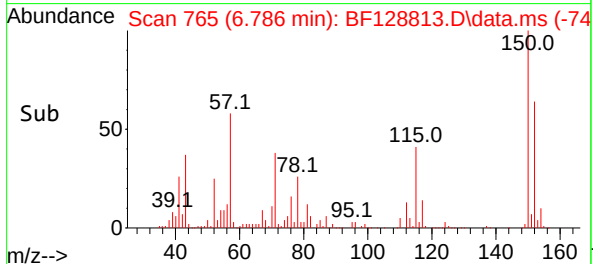
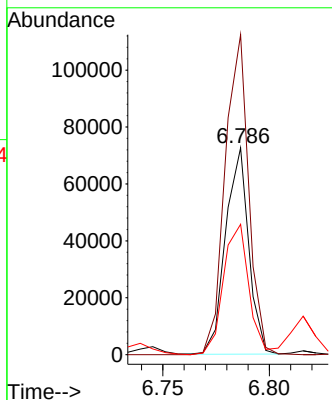
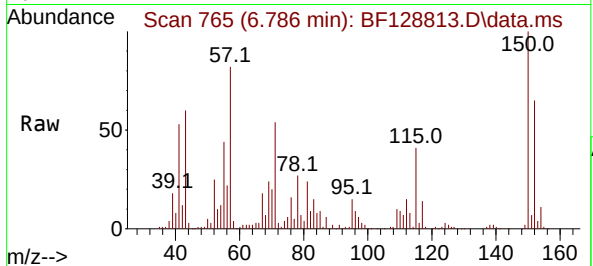




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 70
Delta R.T. 0.005 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

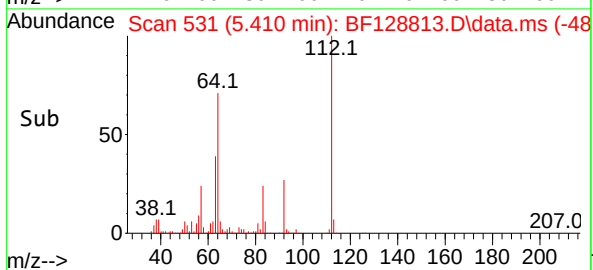
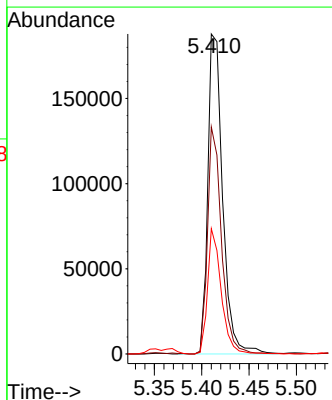
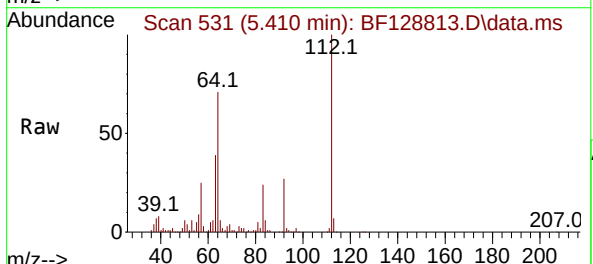
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WC-14A-1A-8

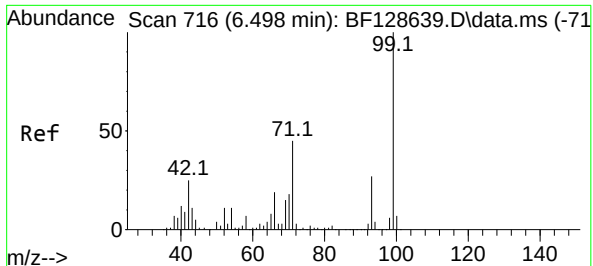
Tgt Ion:152 Resp: 54689
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 59.490 ng
RT: 5.410 min Scan# 531
Delta R.T. -0.006 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion:112 Resp: 204256
Ion Ratio Lower Upper
112 100
64 70.9 53.3 79.9
63 39.2 28.0 42.0

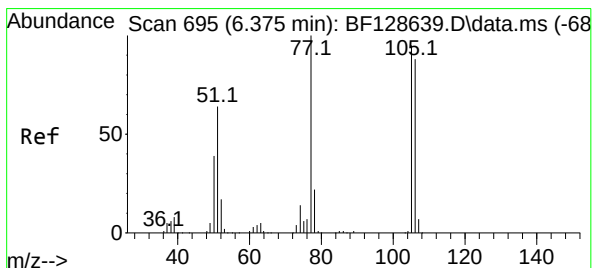
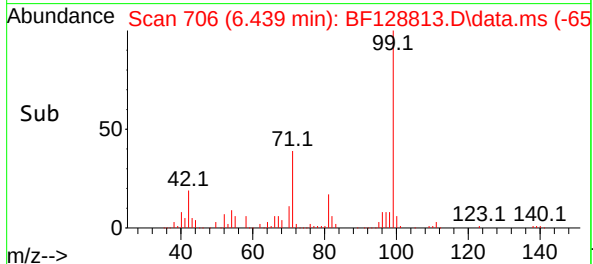
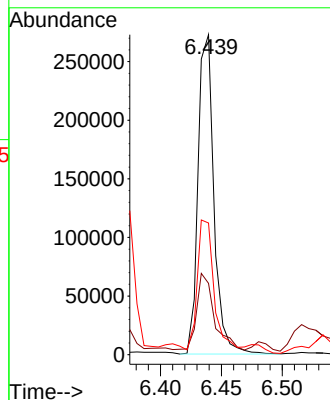
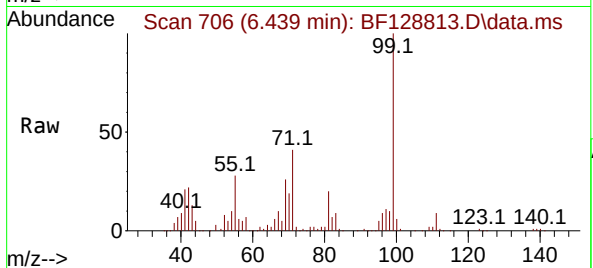




#7
Phenol-d6
Concen: 58.957 ng
RT: 6.439 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

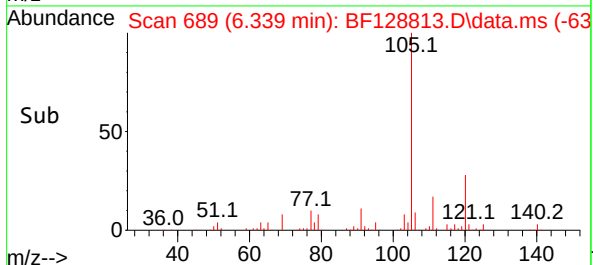
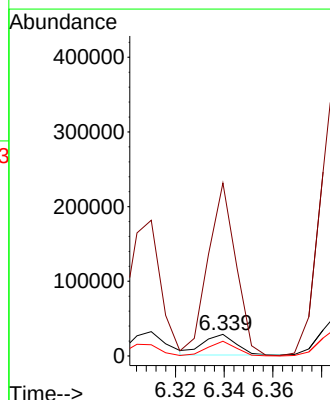
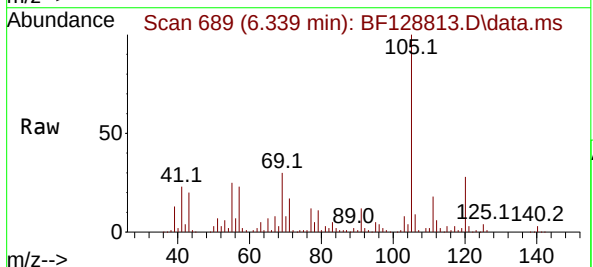
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

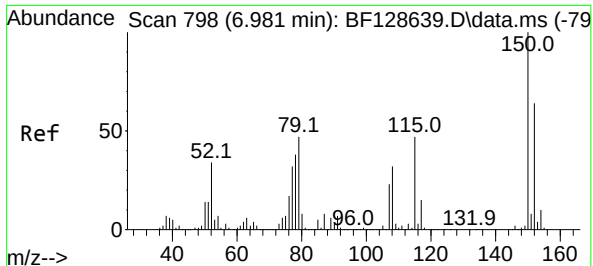
Tgt Ion: 99 Resp: 247095
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 41.2 28.9 43.3



#9
Benzaldehyde
Concen: 10.052 ng
RT: 6.339 min Scan# 689
Delta R.T. 0.006 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion: 77 Resp: 25667
Ion Ratio Lower Upper
77 100
105 801.5 81.6 121.6#
106 68.2 76.1 116.1#





#15

Benzyl Alcohol

Concen: 2.051 ng

RT: 6.934 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

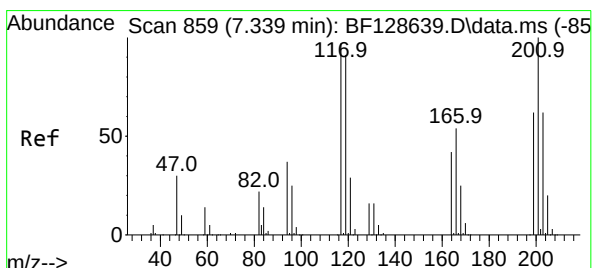
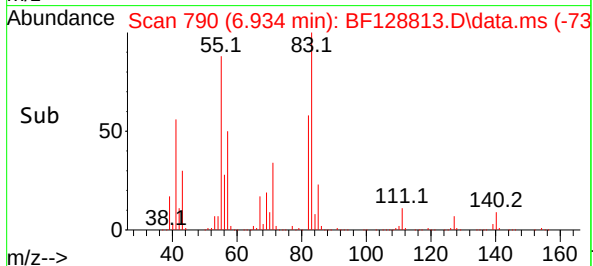
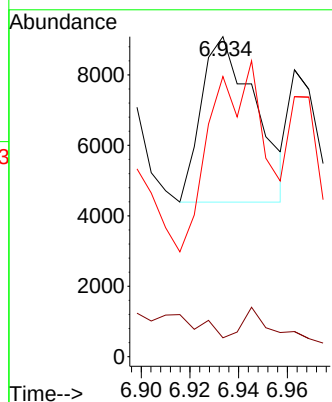
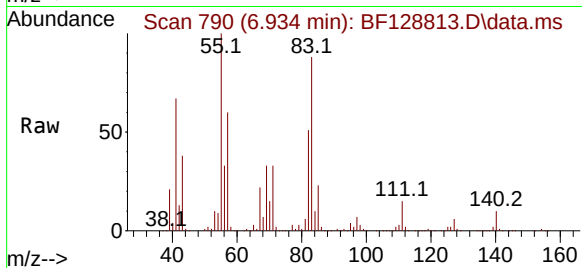
Tgt Ion: 79 Resp: 7191

Ion Ratio Lower Upper

79 100

108 5.9 61.8 92.6#

77 87.5 50.2 75.4#



#18

Hexachloroethane

Concen: 40.338 ng

RT: 7.322 min Scan# 856

Delta R.T. 0.029 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

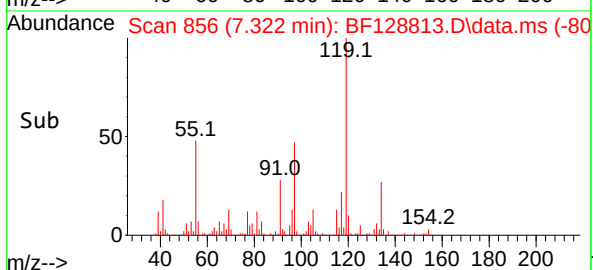
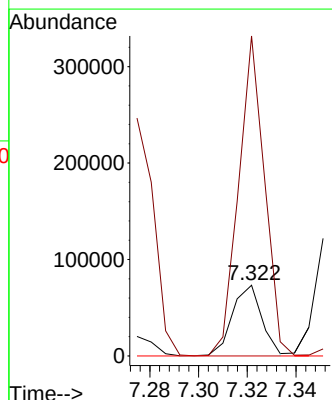
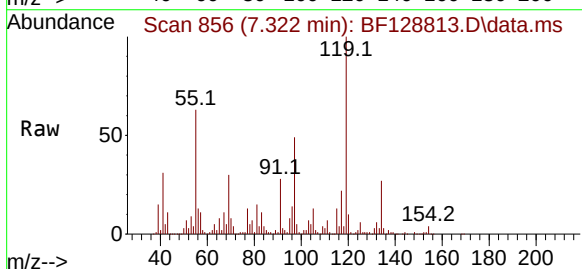
Tgt Ion: 117 Resp: 61559

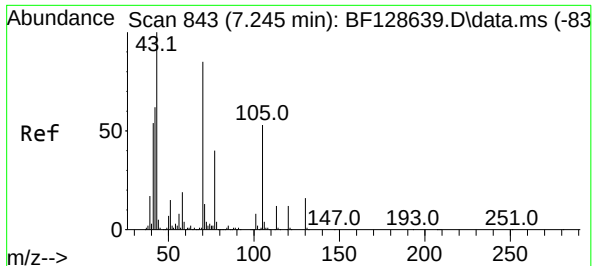
Ion Ratio Lower Upper

117 100

119 452.1 77.4 116.2#

201 0.0 84.6 127.0#





#19

n-Nitroso-di-n-propylamine

Concen: 9.971 ng

RT: 7.210 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

Tgt Ion: 70 Resp: 25983

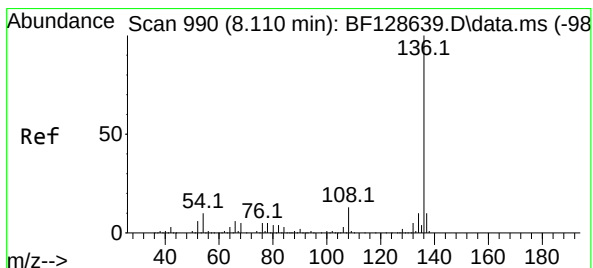
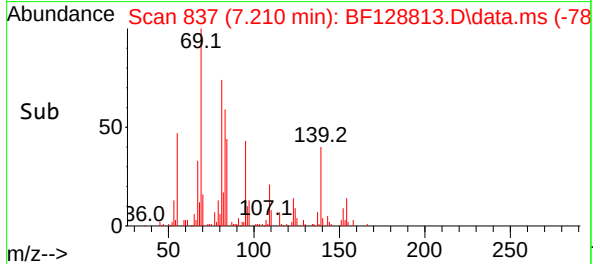
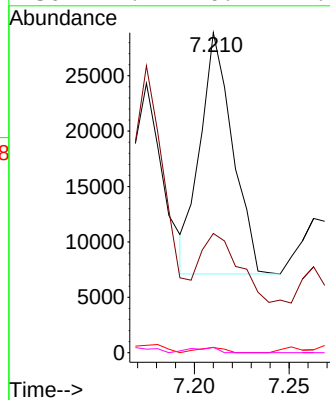
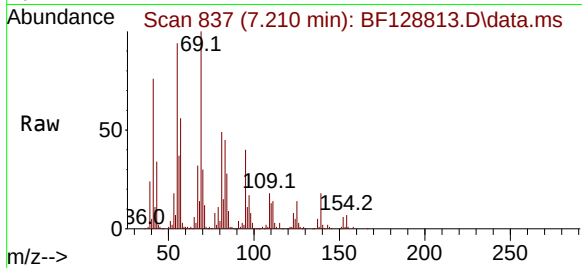
Ion Ratio Lower Upper

70 100

42 37.3 52.3 78.5#

101 1.6 7.5 11.3#

130 1.7 16.1 24.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

Tgt Ion:136 Resp: 179689

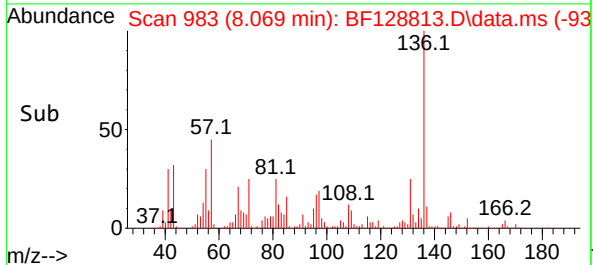
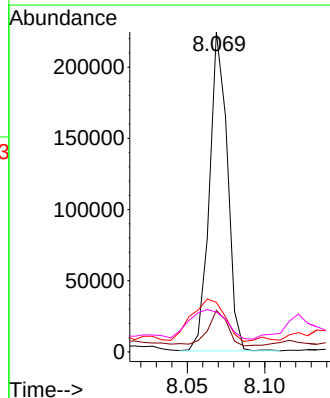
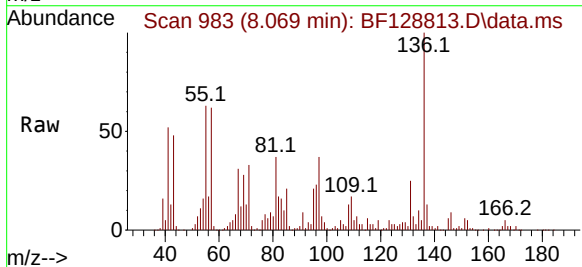
Ion Ratio Lower Upper

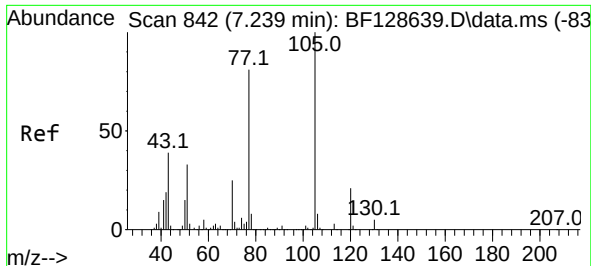
136 100

137 13.0 8.8 13.2

54 15.5 7.5 11.3#

68 12.4 4.7 7.1#

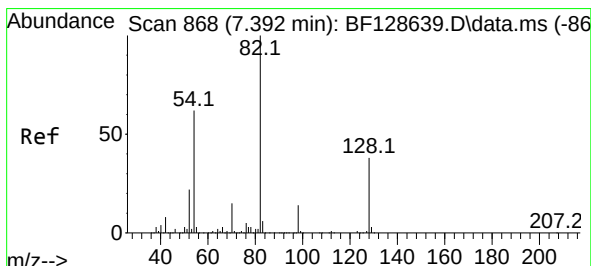
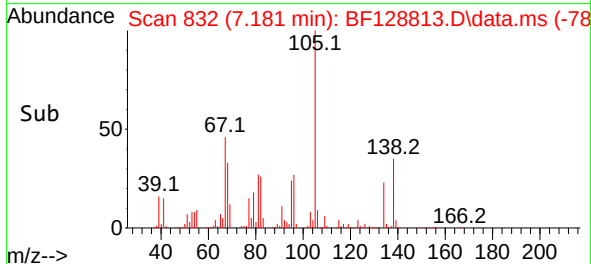
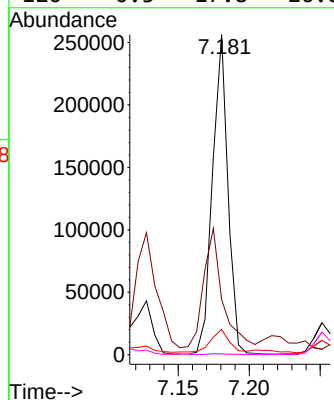
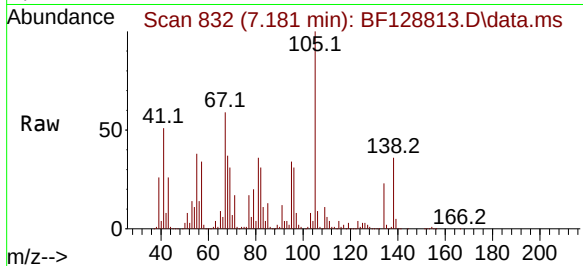




#22
Acetophenone
Concen: 41.219 ng
RT: 7.181 min Scan# 811
Delta R.T. -0.018 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

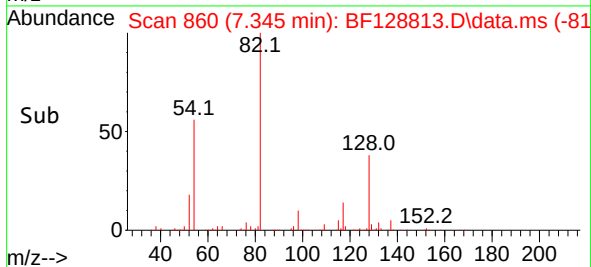
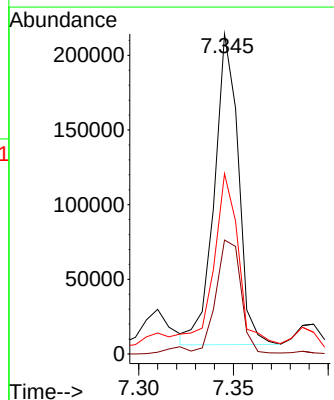
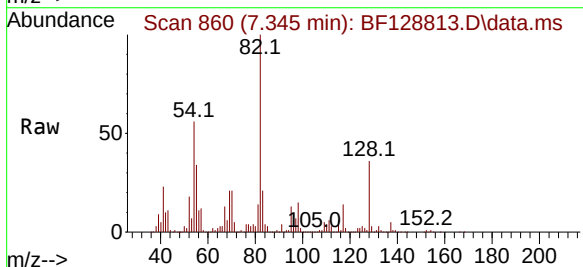
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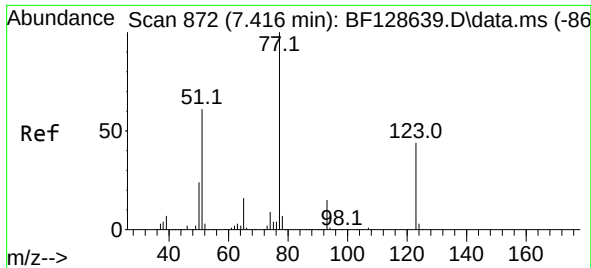
Tgt Ion:105 Resp: 193718
Ion Ratio Lower Upper
105 100
71 17.2 5.0 7.4#
51 7.9 25.0 37.4#
120 0.3 17.8 26.8#



#23
Nitrobenzene-d5
Concen: 47.672 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion: 82 Resp: 183988
Ion Ratio Lower Upper
82 100
128 35.6 34.0 51.0
54 56.3 46.9 70.3

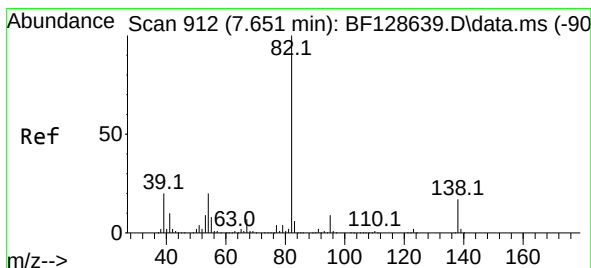
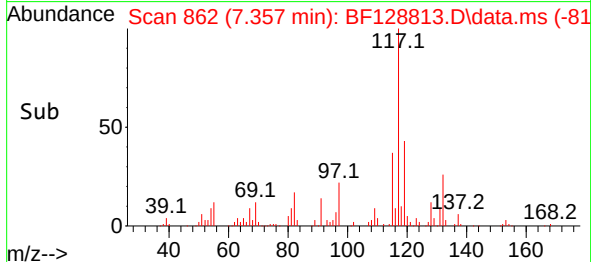
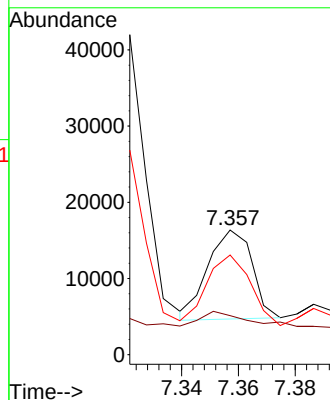
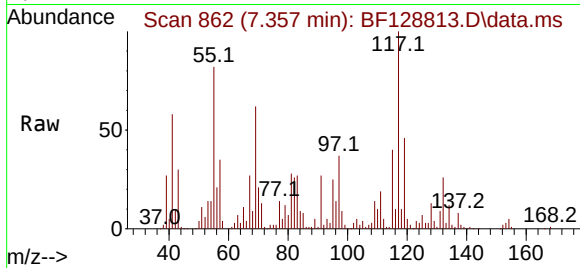




#24
Nitrobenzene
Concen: 3.552 ng
RT: 7.357 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

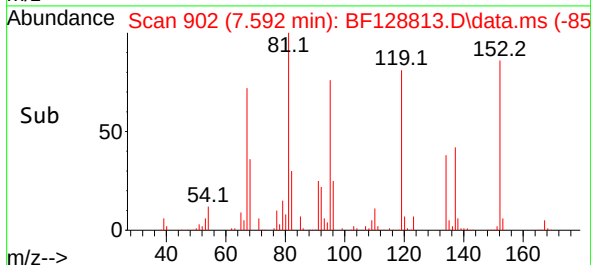
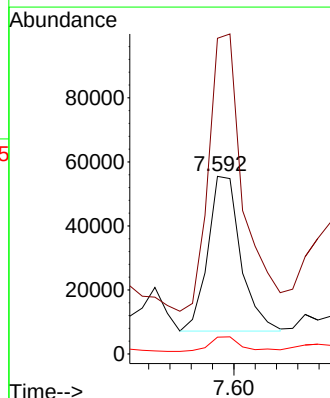
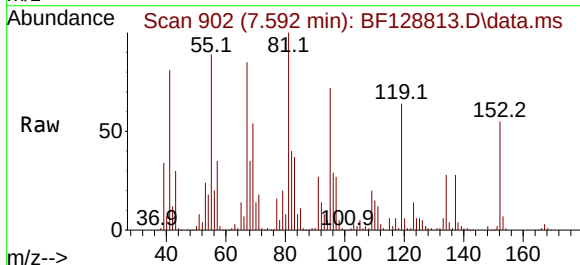
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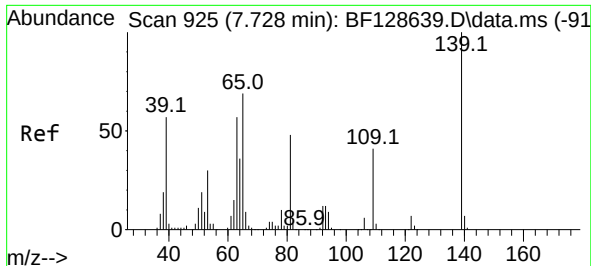
Tgt Ion: 77 Resp: 12584
Ion Ratio Lower Upper
77 100
123 31.3 35.4 53.2#
65 80.0 11.8 17.8#



#25
Isophorone
Concen: 8.861 ng
RT: 7.592 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion: 82 Resp: 51941
Ion Ratio Lower Upper
82 100
95 177.7 5.7 8.5#
138 9.4 14.2 21.2#

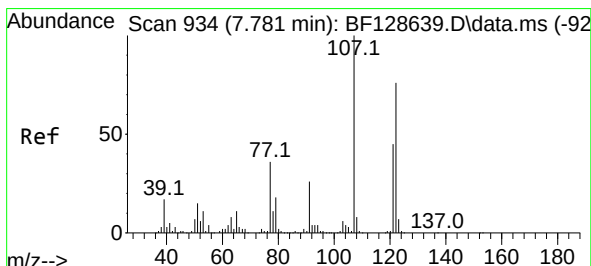
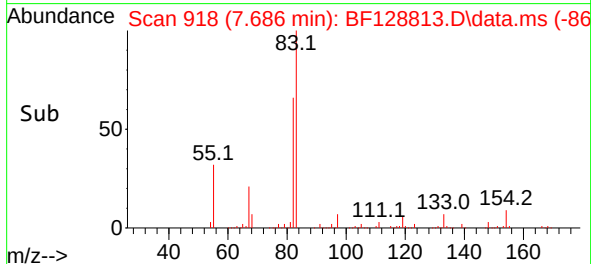
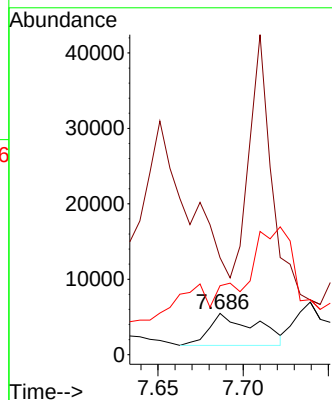
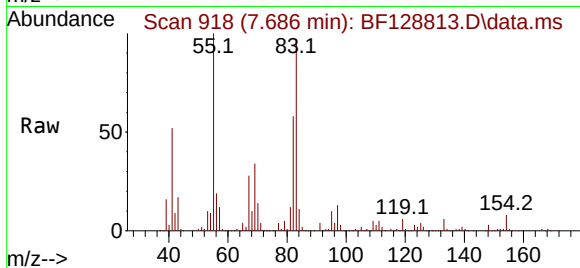




#26
2-Nitrophenol
Concen: 5.142 ng
RT: 7.686 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

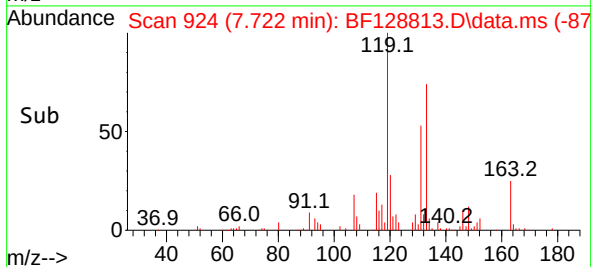
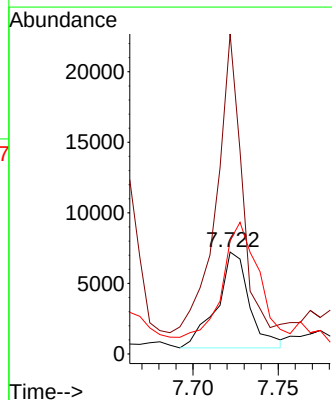
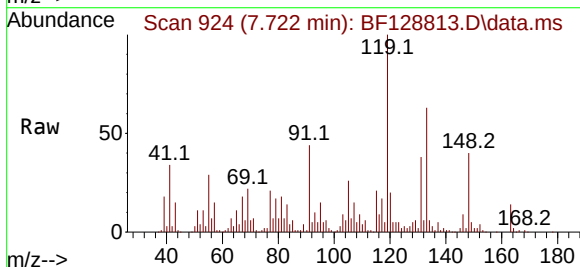
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

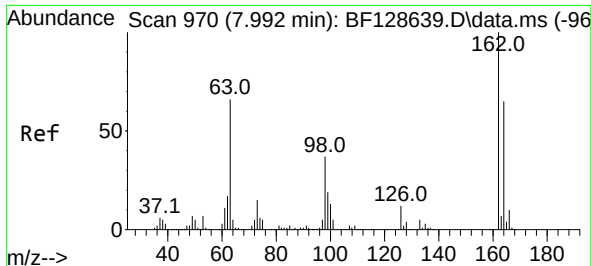
Tgt Ion:139 Resp: 8027
Ion Ratio Lower Upper
139 100
109 235.3 25.0 37.4#
65 167.1 45.1 67.7#



#27
2,4-Dimethylphenol
Concen: 3.794 ng
RT: 7.722 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion:122 Resp: 9022
Ion Ratio Lower Upper
122 100
107 314.2 93.0 139.6#
121 111.3 46.6 70.0#





#29

2,4-Dichlorophenol

Concen: 2.074 ng

RT: 7.922 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

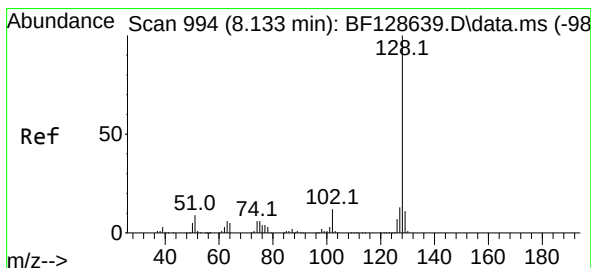
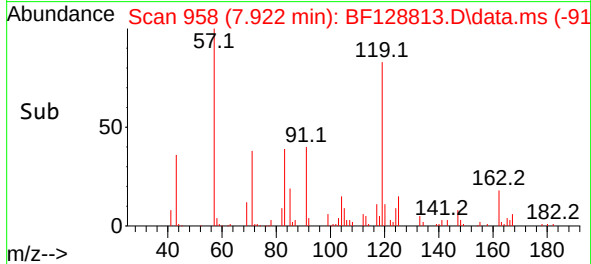
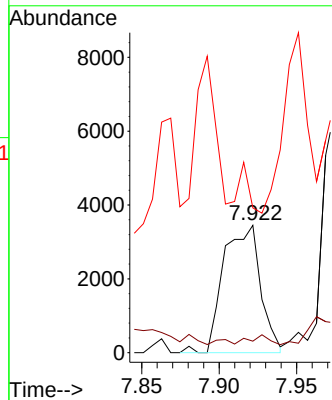
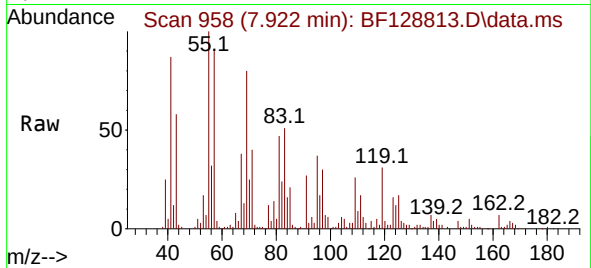
Tgt Ion:162 Resp: 5709

Ion Ratio Lower Upper

162 100

164 9.0 44.2 84.2#

98 113.7 19.6 59.6#



#31

Naphthalene

Concen: 23.692 ng

RT: 8.092 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

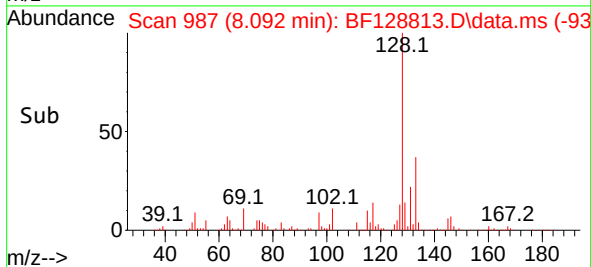
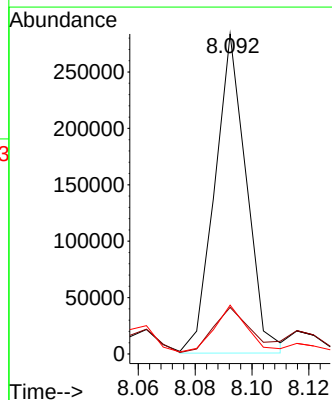
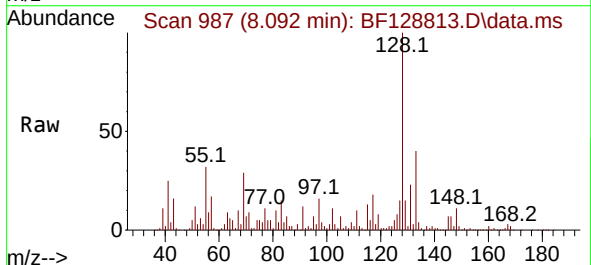
Tgt Ion:128 Resp: 218481

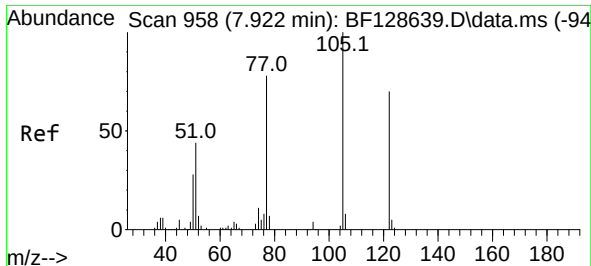
Ion Ratio Lower Upper

128 100

129 14.5 9.2 13.8#

127 15.2 10.5 15.7

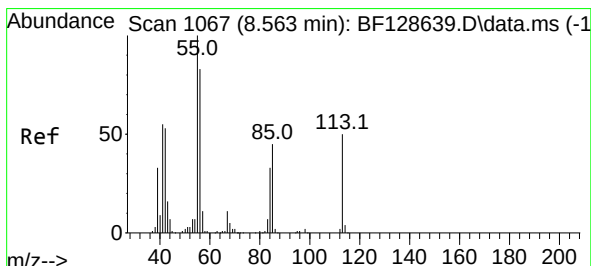
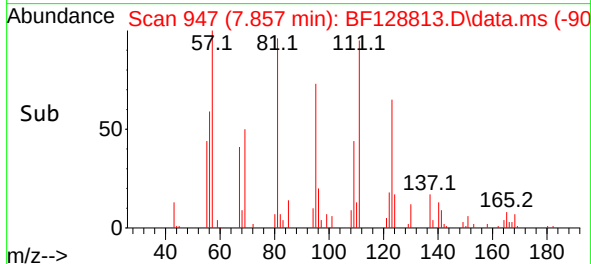
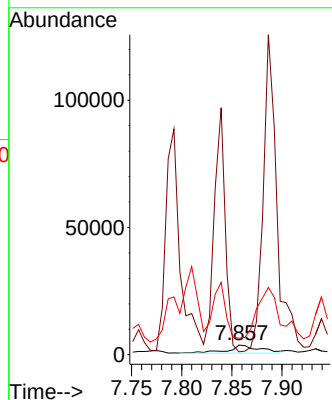
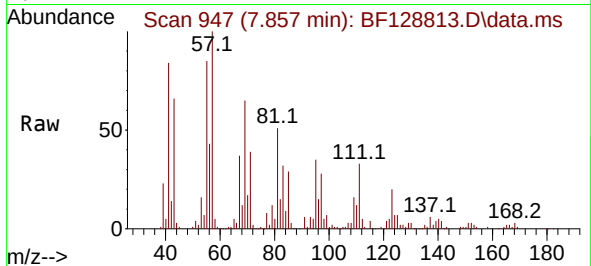




#32
Benzoic acid
Concen: 4.198 ng
RT: 7.857 min Scan# 94
Delta R.T. -0.024 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

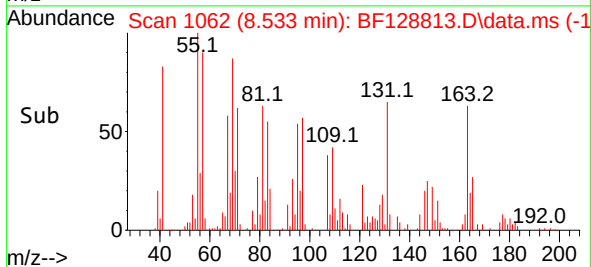
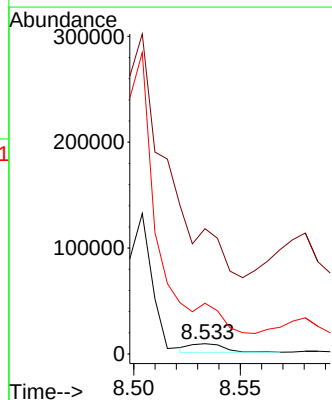
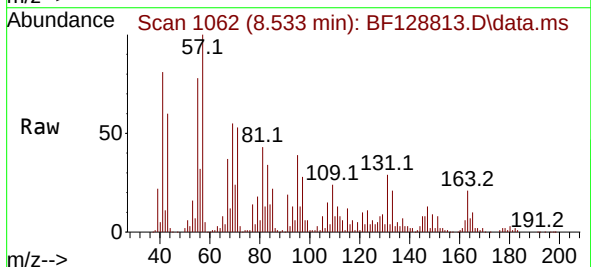
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

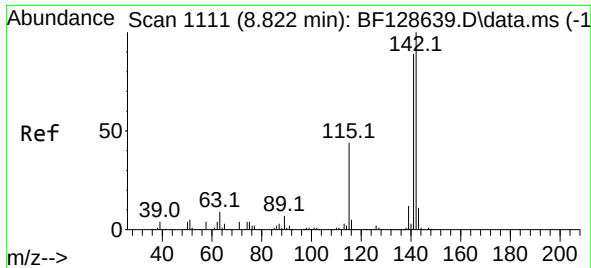
Tgt Ion:122 Resp: 7083
Ion Ratio Lower Upper
122 100
105 30.1 107.1 147.1#
77 170.6 74.2 114.2#



#35
Caprolactam
Concen: 11.950 ng
RT: 8.533 min Scan# 1062
Delta R.T. 0.006 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion:113 Resp: 9095
Ion Ratio Lower Upper
113 100
55 1212.3 188.5 228.5#
56 490.7 130.6 170.6#

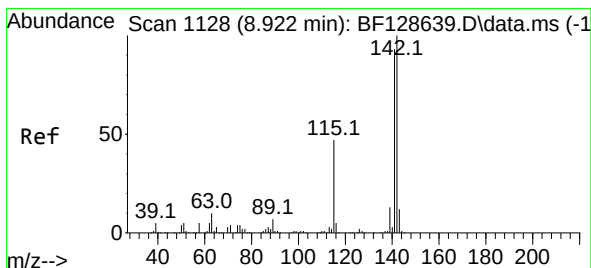
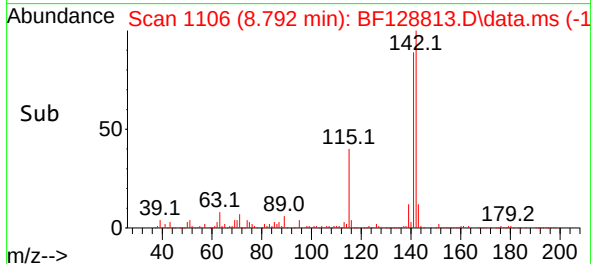
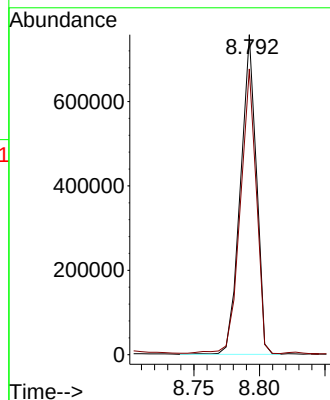
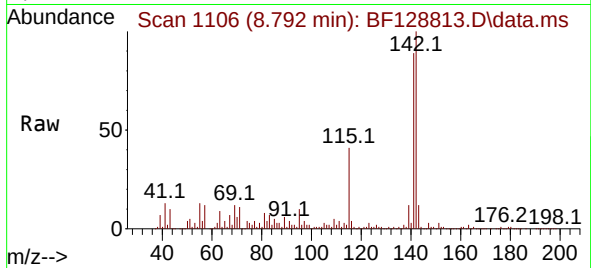




#37
2-Methylnaphthalene
Concen: 109.426 ng
RT: 8.792 min Scan# 1111
Delta R.T. 0.012 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

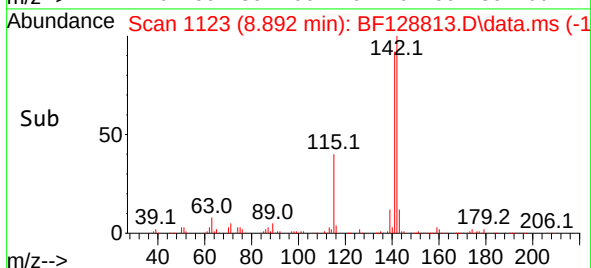
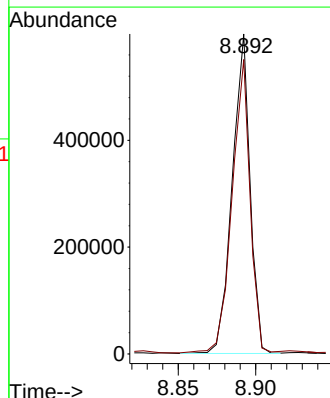
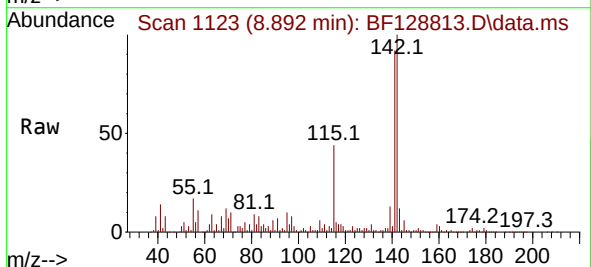
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

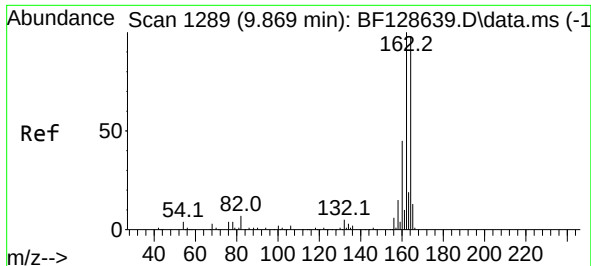
Tgt Ion:142 Resp: 641842
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.4



#38
1-Methylnaphthalene
Concen: 84.317 ng
RT: 8.892 min Scan# 1123
Delta R.T. 0.012 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion:142 Resp: 477828
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1419

Delta R.T. 0.006 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

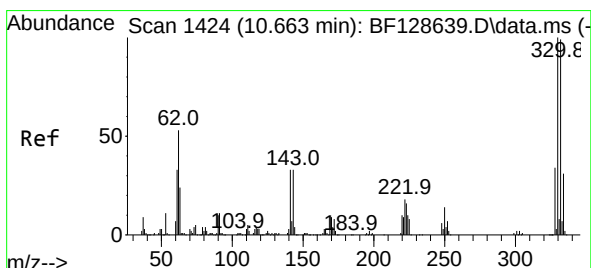
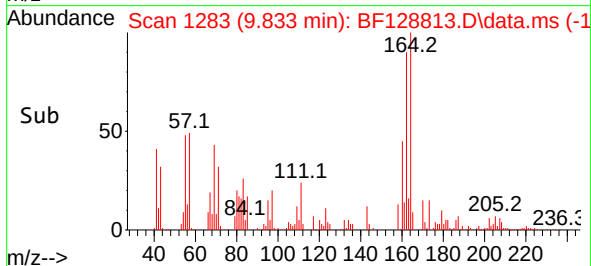
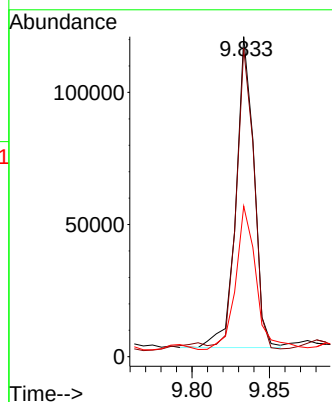
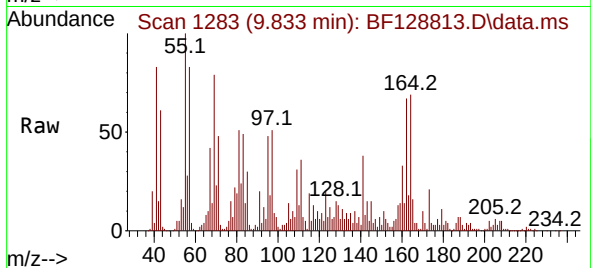
Tgt Ion:164 Resp: 95068

Ion Ratio Lower Upper

164 100

162 96.4 79.5 119.3

160 47.0 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 53.191 ng

RT: 10.633 min Scan# 1419

Delta R.T. 0.012 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

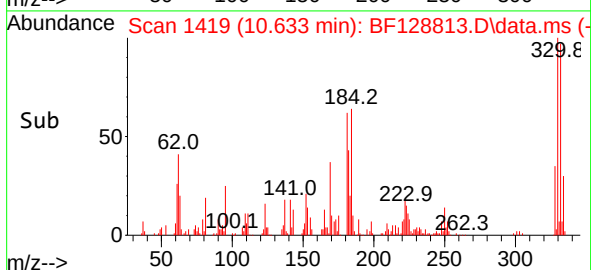
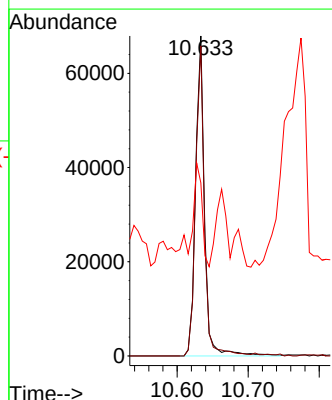
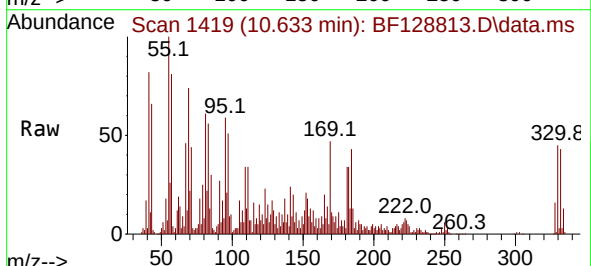
Tgt Ion:330 Resp: 59748

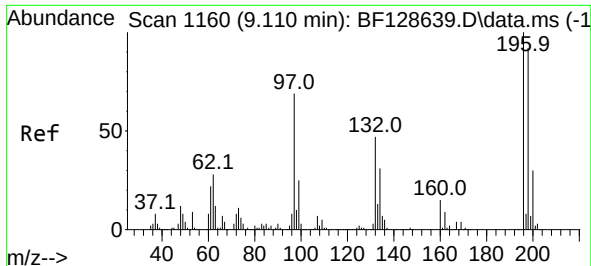
Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

141 37.1 28.0 42.0

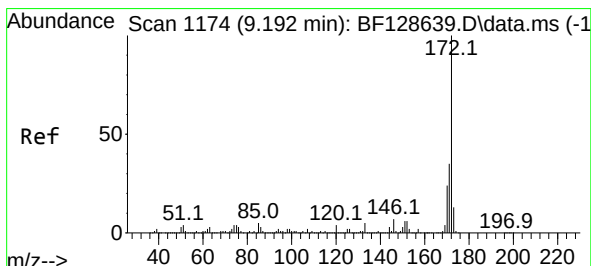
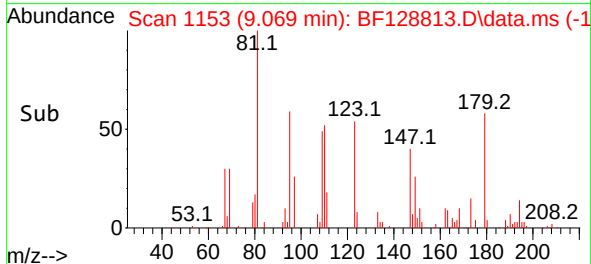
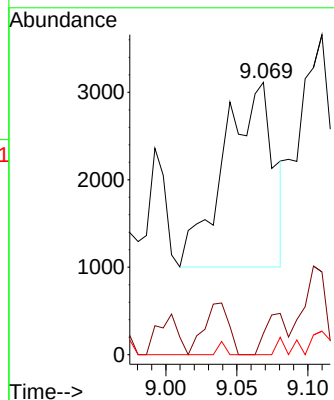
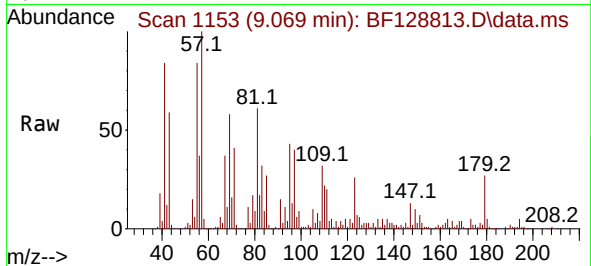




#43
2,4,6-Trichlorophenol
Concen: 2.555 ng
RT: 9.069 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

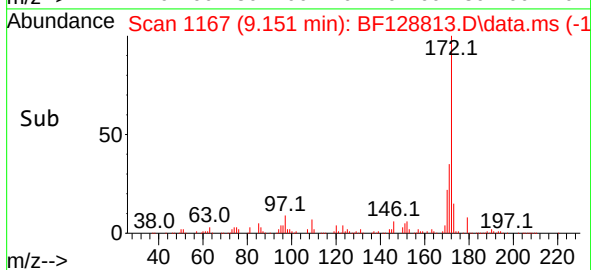
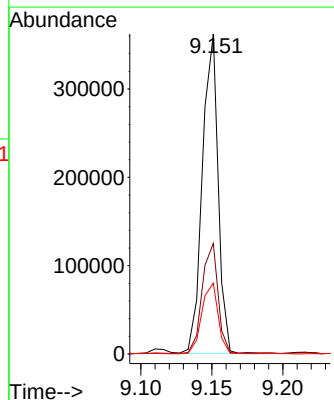
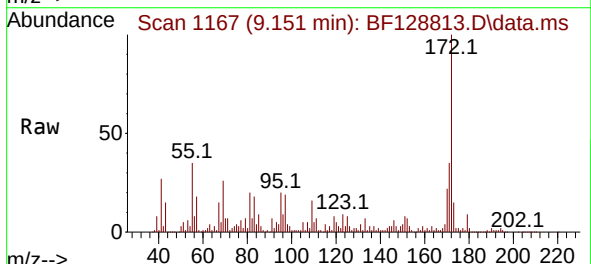
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

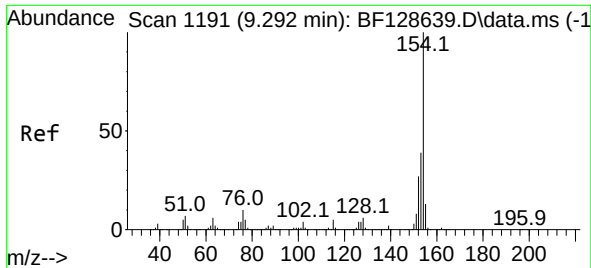
Tgt Ion:196 Resp: 5101
Ion Ratio Lower Upper
196 100
198 7.8 74.0 111.0#
200 0.0 24.1 36.1#



#45
2-Fluorobiphenyl
Concen: 41.164 ng
RT: 9.151 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion:172 Resp: 279368
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 22.1 19.8 29.8

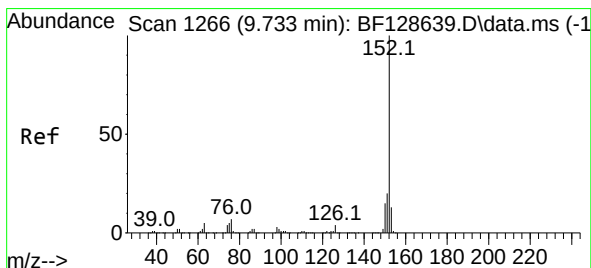
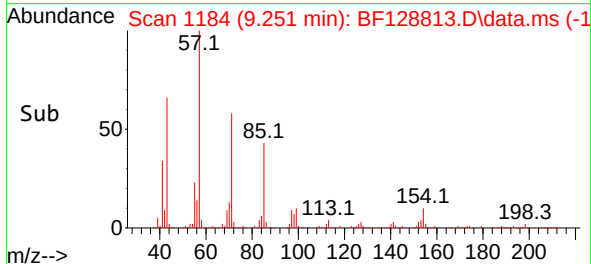
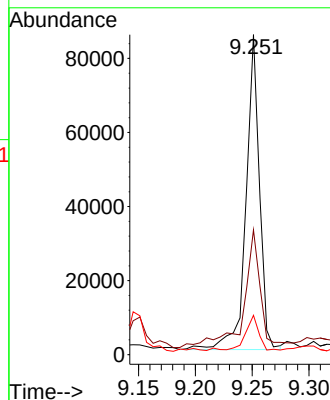
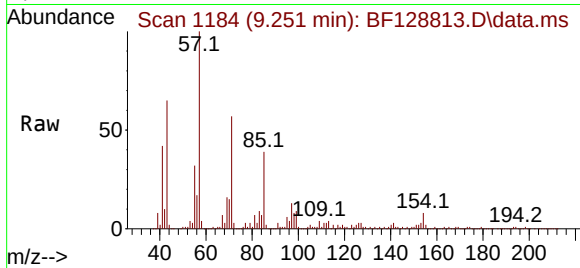




#46
1,1'-Biphenyl
Concen: 9.874 ng
RT: 9.251 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

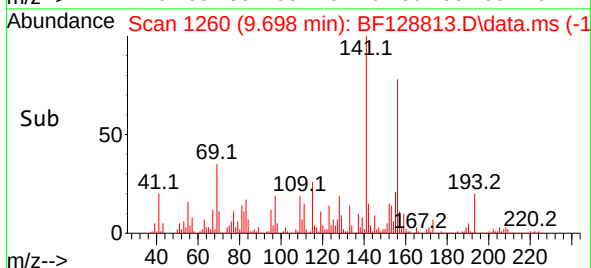
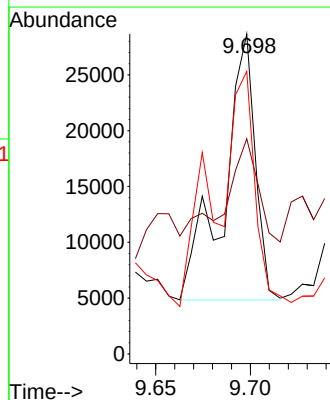
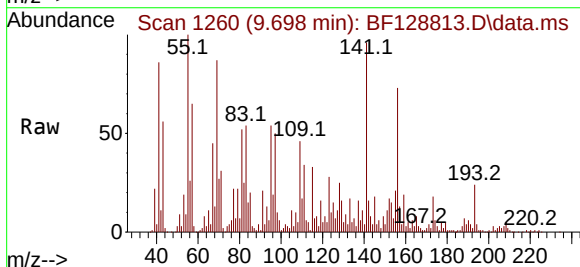
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

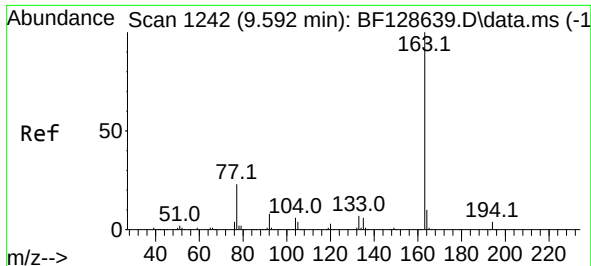
Tgt Ion:154 Resp: 70432
Ion Ratio Lower Upper
154 100
153 39.0 20.6 60.6
76 12.3 0.0 33.3



#49
Acenaphthylene
Concen: 3.298 ng
RT: 9.698 min Scan# 1260
Delta R.T. 0.012 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion:152 Resp: 27482
Ion Ratio Lower Upper
152 100
151 67.3 16.2 24.4#
153 88.3 10.7 16.1#

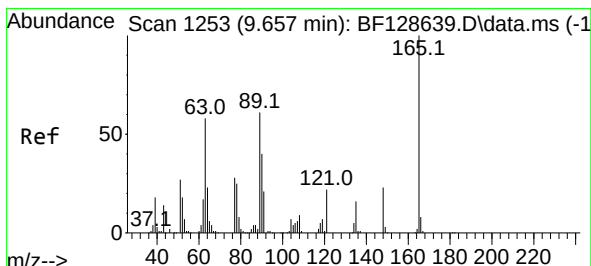
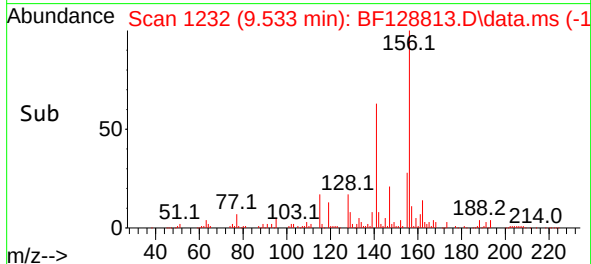
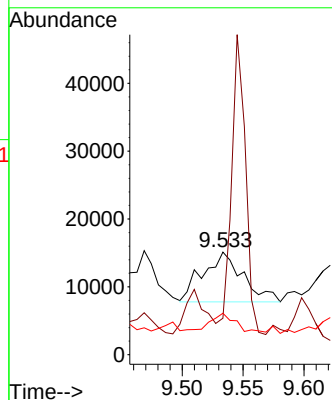
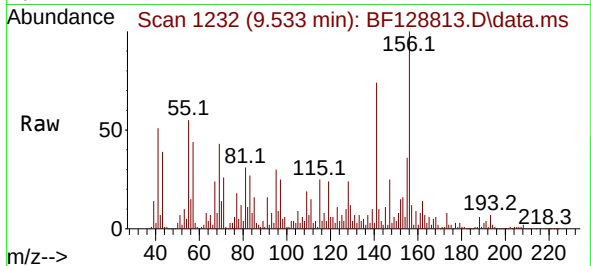




#50
Dimethylphthalate
Concen: 2.570 ng
RT: 9.533 min Scan# 1242
Delta R.T. -0.018 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

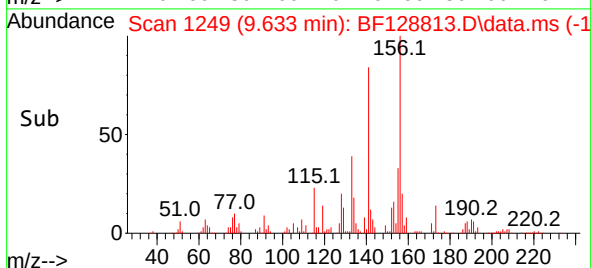
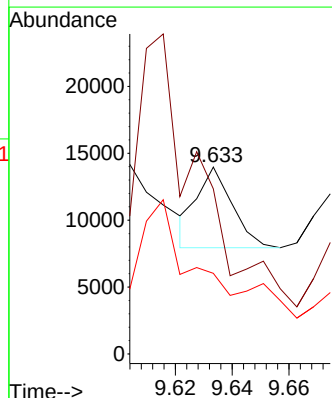
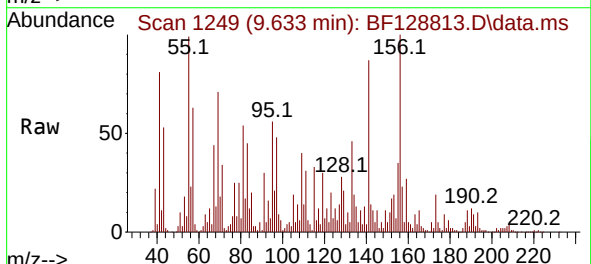
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

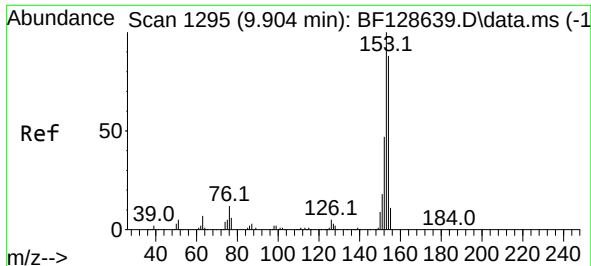
Tgt Ion:163 Resp: 16725
Ion Ratio Lower Upper
163 100
194 35.6 3.2 4.8#
164 40.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 4.043 ng
RT: 9.633 min Scan# 1249
Delta R.T. 0.018 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion:165 Resp: 5193
Ion Ratio Lower Upper
165 100
63 88.3 44.9 67.3#
89 43.1 43.6 65.4#

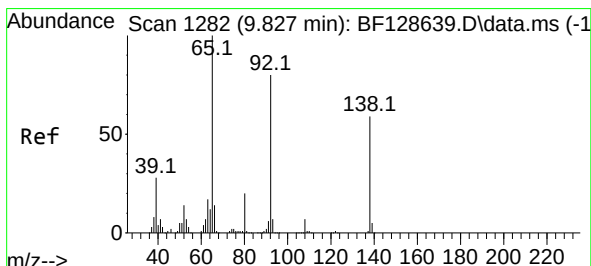
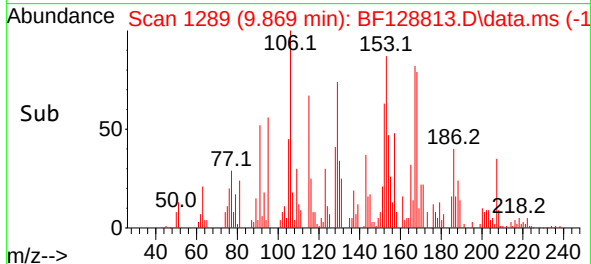
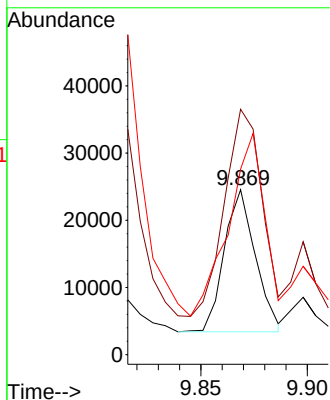
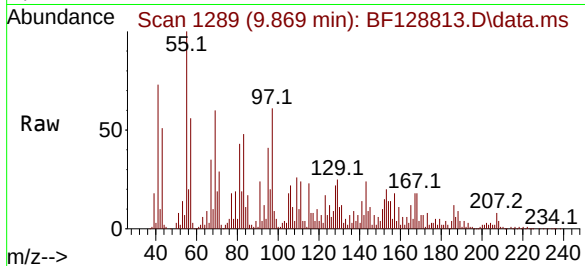




#52
Acenaphthene
Concen: 3.973 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

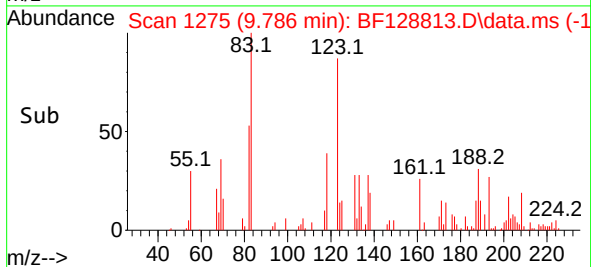
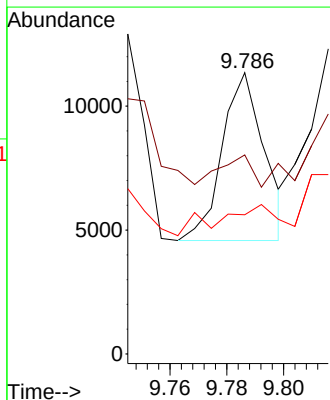
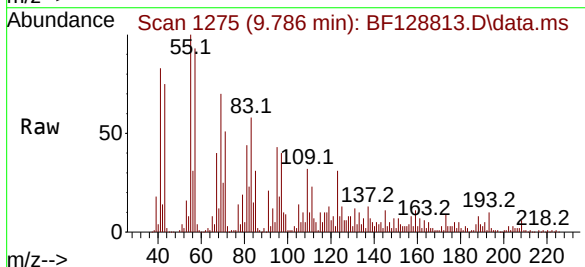
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

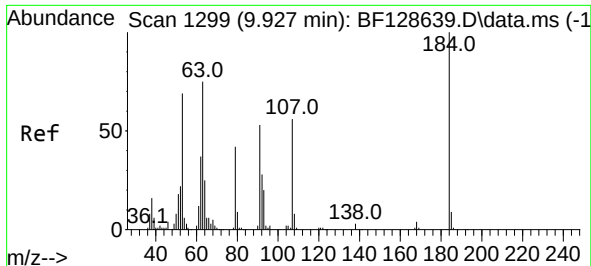
Tgt Ion:154 Resp: 21558
Ion Ratio Lower Upper
154 100
153 148.9 89.6 134.4#
152 112.5 42.4 63.6#



#53
3-Nitroaniline
Concen: 5.025 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion:138 Resp: 7004
Ion Ratio Lower Upper
138 100
108 70.8 10.9 16.3#
92 49.5 98.2 147.2#

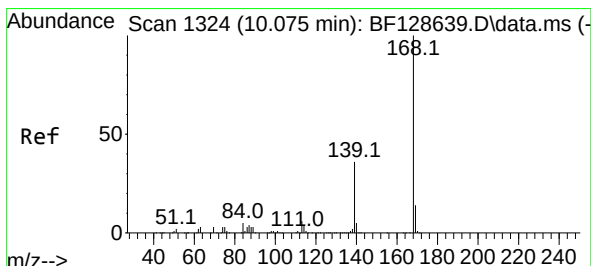
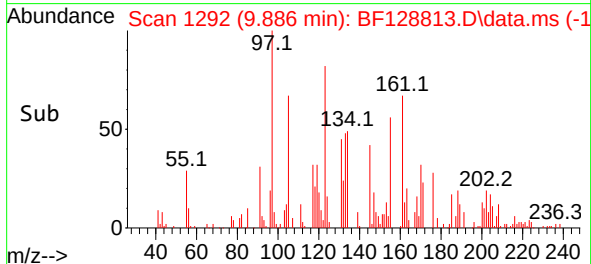
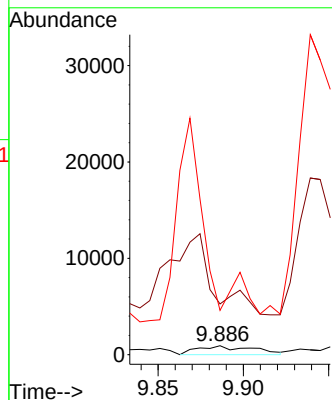
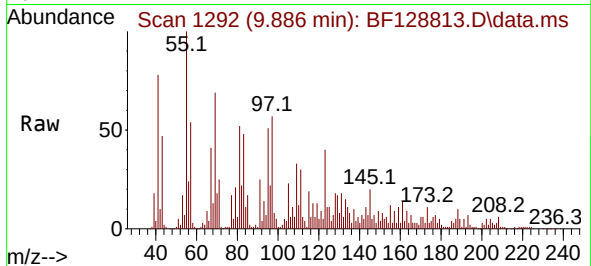




#54
2,4-Dinitrophenol
Concen: 2.923 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

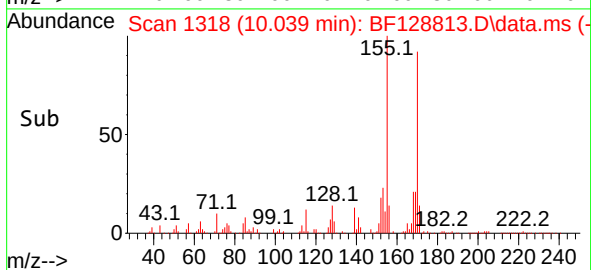
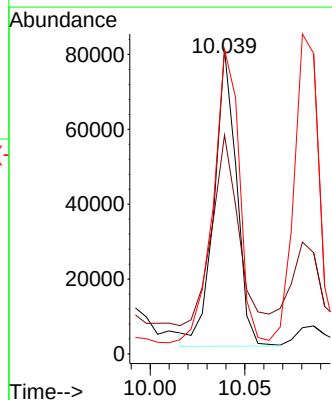
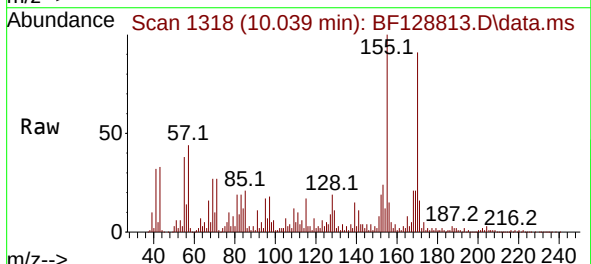
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

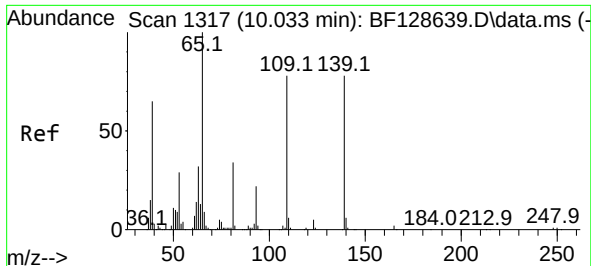
Tgt Ion:184 Resp: 2091
Ion Ratio Lower Upper
184 100
63 560.7 64.5 96.7#
154 489.8 50.6 75.8#



#55
Dibenzofuran
Concen: 8.317 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion:168 Resp: 64860
Ion Ratio Lower Upper
168 100
139 71.9 30.6 46.0#
169 100.1 11.0 16.6#

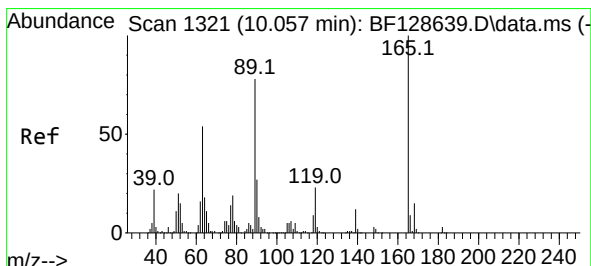
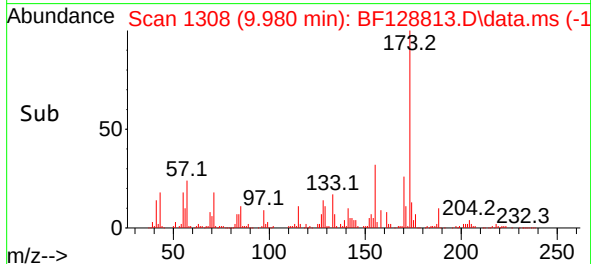
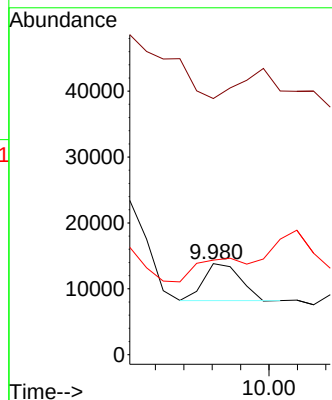
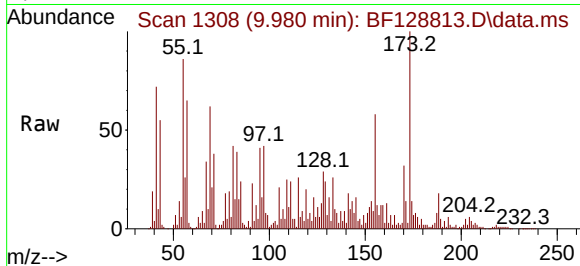




#56
4-Nitrophenol
Concen: 5.014 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

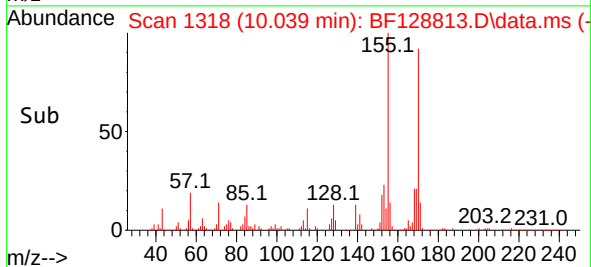
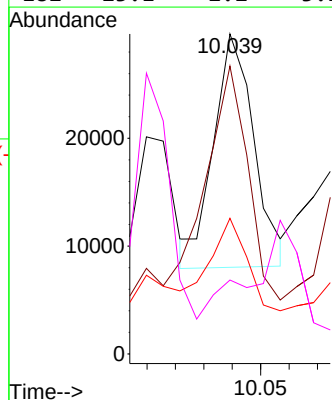
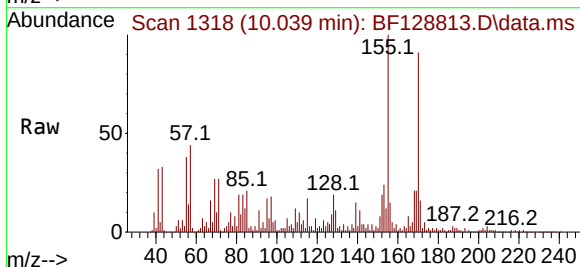
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

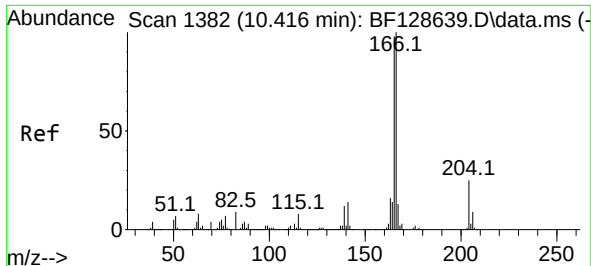
Tgt Ion:139 Resp: 5066
Ion Ratio Lower Upper
139 100
109 281.3 50.7 90.7#
65 103.9 74.5 114.5



#57
2,4-Dinitrotoluene
Concen: 12.476 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.018 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion:165 Resp: 21383
Ion Ratio Lower Upper
165 100
63 89.9 39.8 59.6#
89 42.4 60.2 90.2#
182 23.1 2.2 3.2#

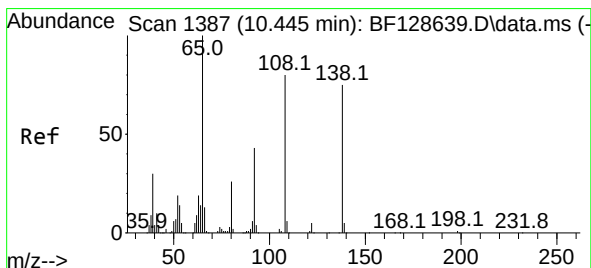
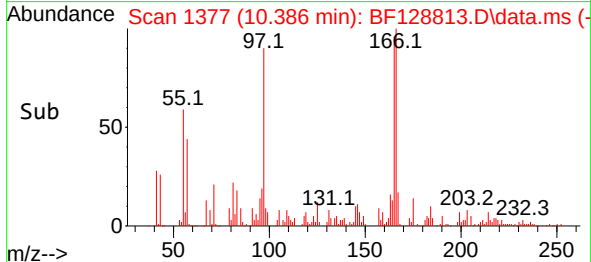
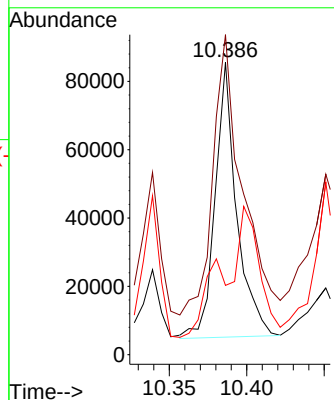
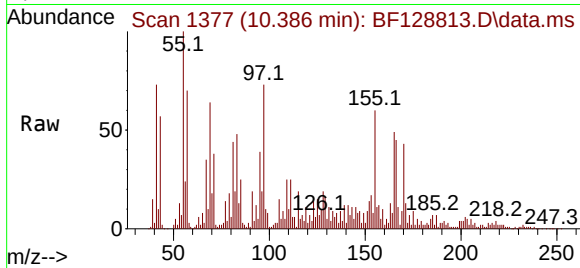




#58
Fluorene
Concen: 12.856 ng
RT: 10.386 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

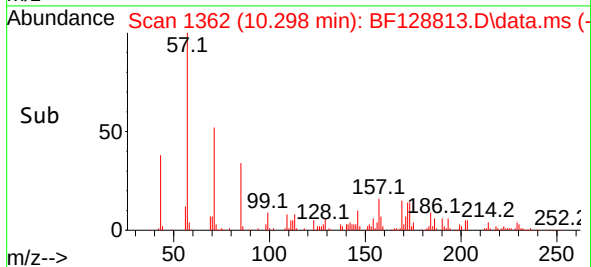
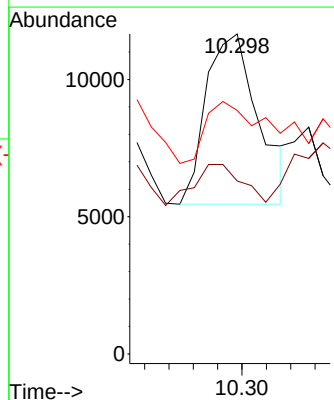
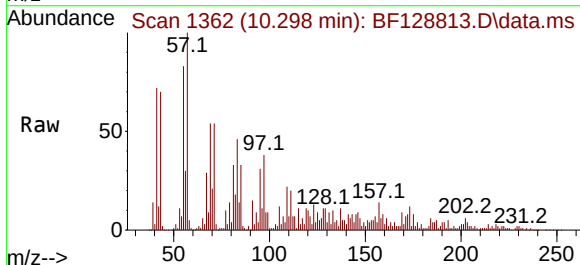
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

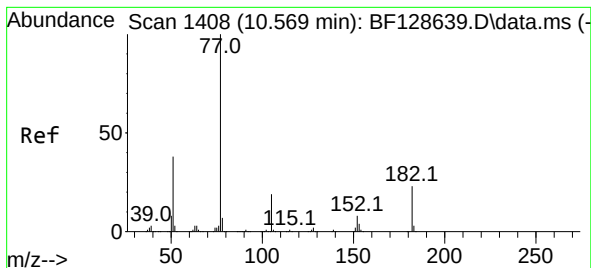
Tgt Ion:166 Resp: 77756
Ion Ratio Lower Upper
166 100
165 109.4 78.1 117.1
167 23.7 10.5 15.7#



#62
4-Nitroaniline
Concen: 6.528 ng
RT: 10.298 min Scan# 1362
Delta R.T. -0.106 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion:138 Resp: 9213
Ion Ratio Lower Upper
138 100
92 54.0 33.5 73.5
108 76.1 61.0 101.0





#63

Azobenzene

Concen: 2.735 ng

RT: 10.539 min Scan# 1408

Delta R.T. 0.012 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

Tgt Ion: 77 Resp: 17610

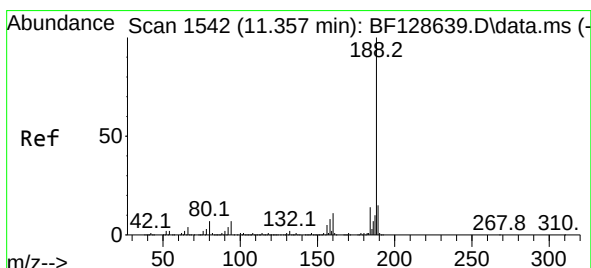
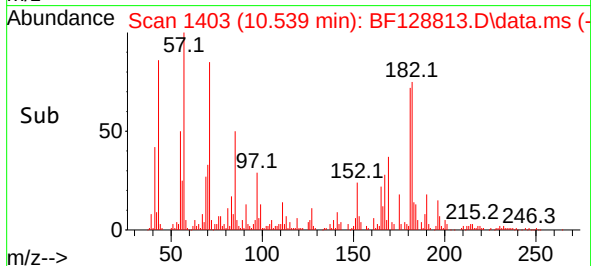
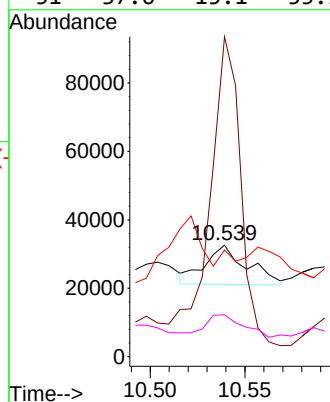
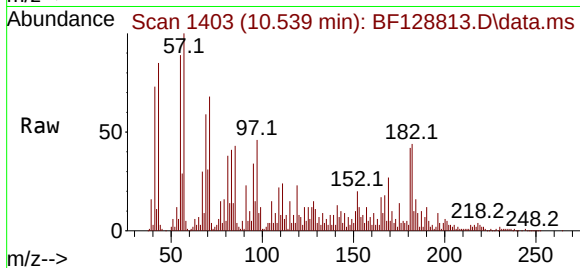
Ion Ratio Lower Upper

77 100

182 286.7 5.6 45.6#

105 95.6 1.6 41.6#

51 37.6 15.1 55.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1537

Delta R.T. 0.012 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

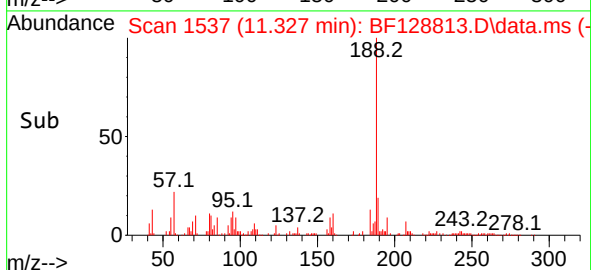
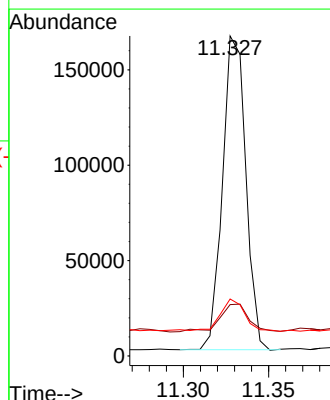
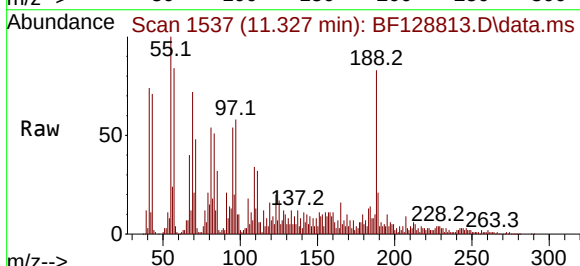
Tgt Ion: 188 Resp: 156592

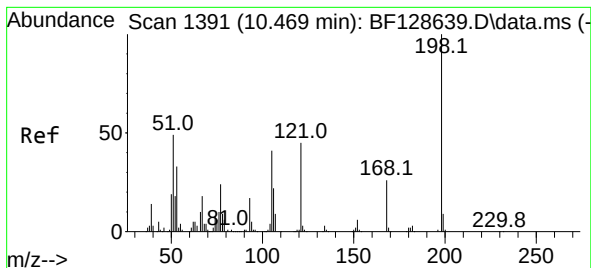
Ion Ratio Lower Upper

188 100

94 16.0 7.0 10.6#

80 17.8 7.6 11.4#

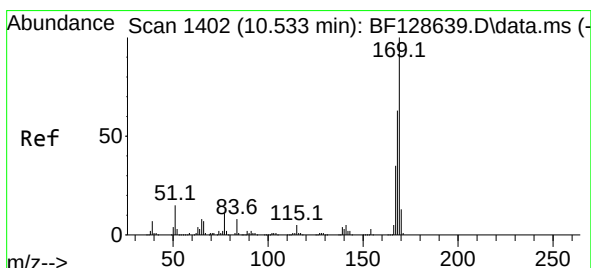
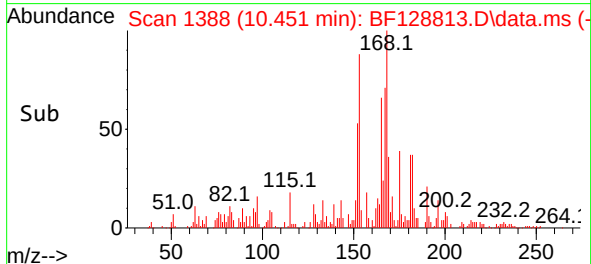
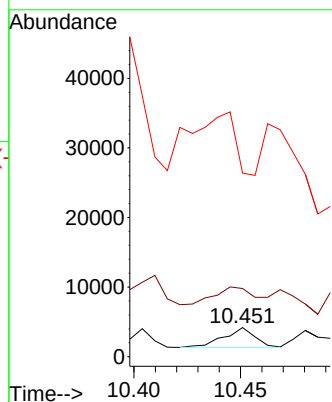
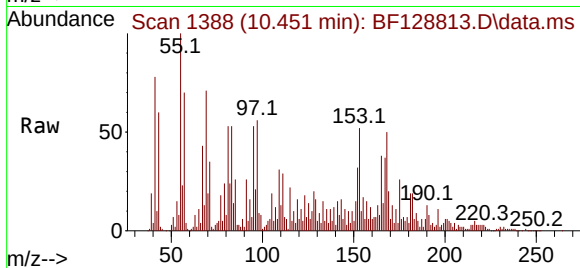




#65
4,6-Dinitro-2-methylphenol
Concen: 3.155 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.018 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

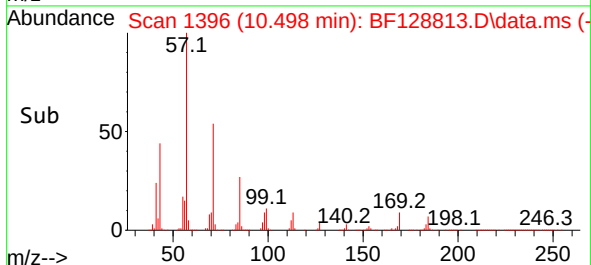
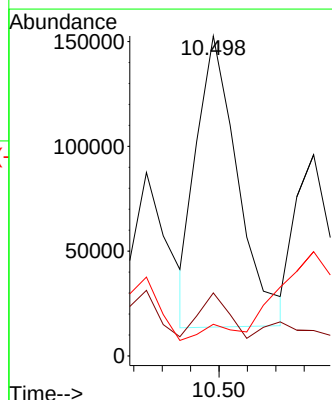
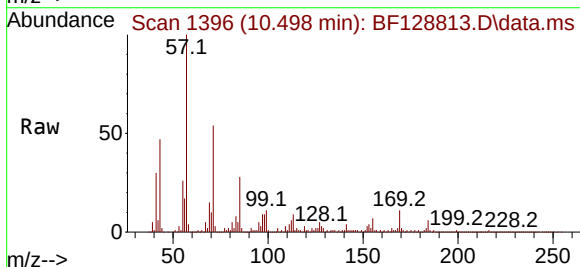
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

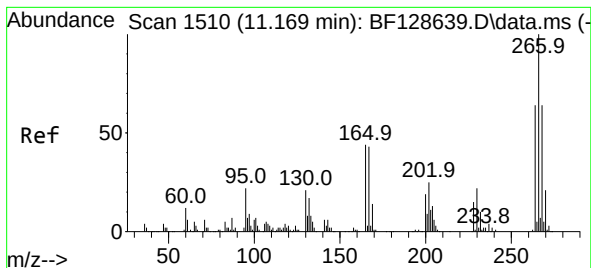
Tgt Ion:198 Resp: 2916
Ion Ratio Lower Upper
198 100
51 234.3 37.6 77.6#
105 631.3 27.0 67.0#



#66
n-Nitrosodiphenylamine
Concen: 29.155 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion:169 Resp: 140327
Ion Ratio Lower Upper
169 100
168 19.7 50.1 75.1#
167 9.9 27.9 41.9#





#70

Pentachlorophenol

Concen: 3.878 ng

RT: 11.151 min Scan# 1507

Delta R.T. 0.023 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

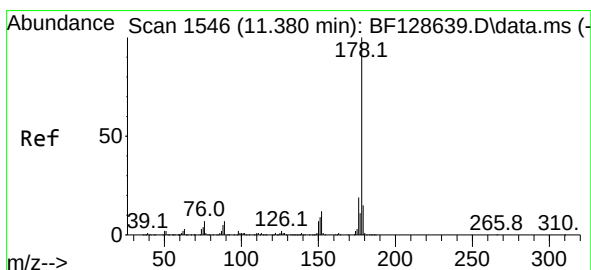
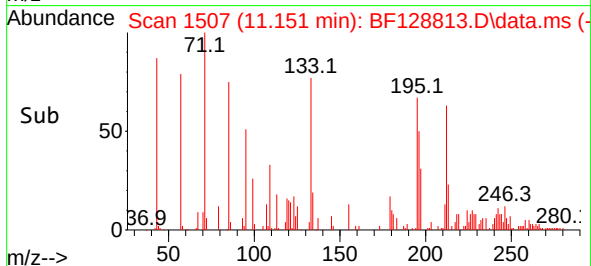
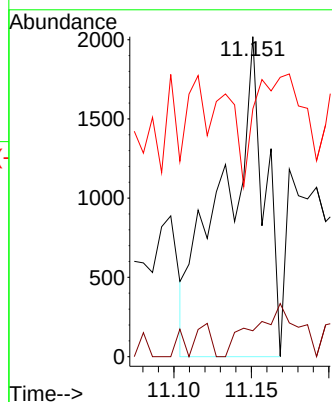
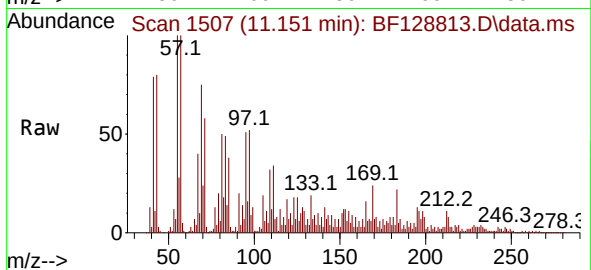
Tgt Ion:266 Resp: 3754

Ion Ratio Lower Upper

266 100

268 8.1 51.0 76.4#

264 77.4 49.4 74.2#



#71

Phenanthrene

Concen: 29.150 ng

RT: 11.357 min Scan# 1542

Delta R.T. 0.018 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

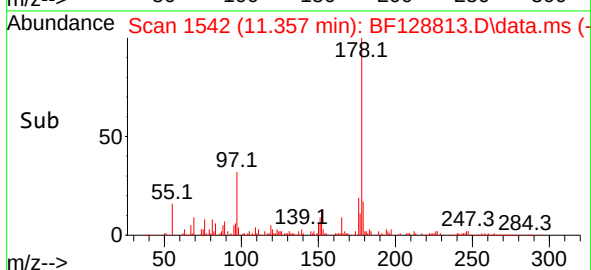
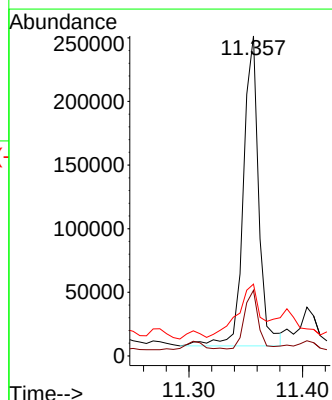
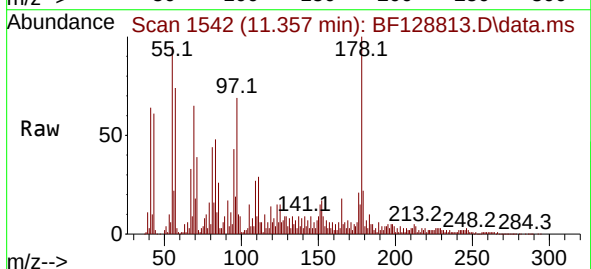
Tgt Ion:178 Resp: 228956

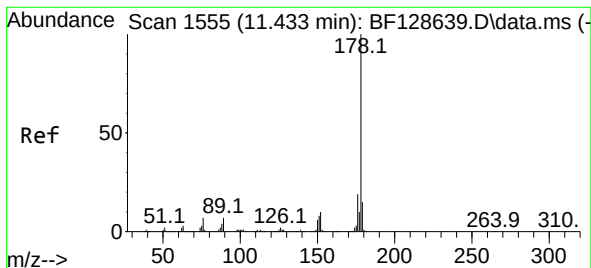
Ion Ratio Lower Upper

178 100

176 20.5 16.0 24.0

179 22.4 12.6 19.0#





#72

Anthracene

Concen: 3.056 ng

RT: 11.404 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

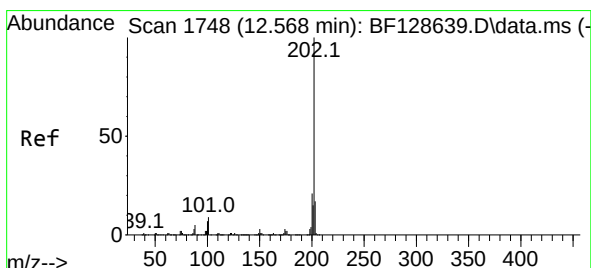
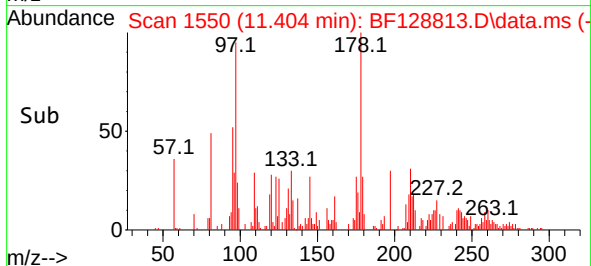
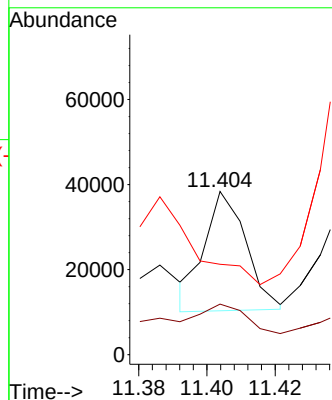
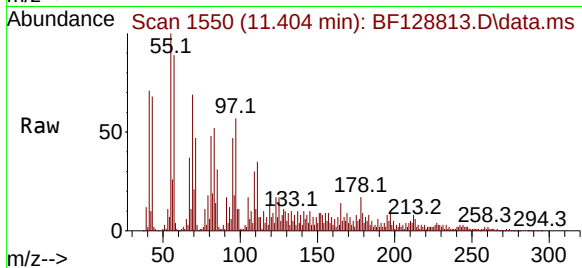
Tgt Ion:178 Resp: 23755

Ion Ratio Lower Upper

178 100

176 31.0 15.4 23.2#

179 55.4 12.6 19.0#



#75

Fluoranthene

Concen: 10.003 ng

RT: 12.792 min Scan# 1786

Delta R.T. 0.265 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

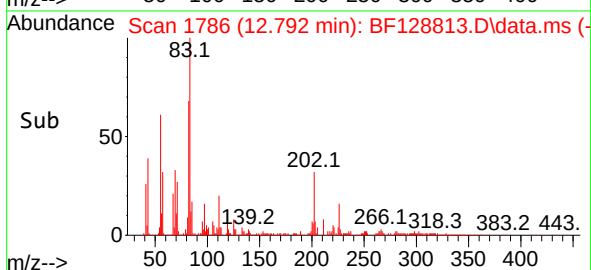
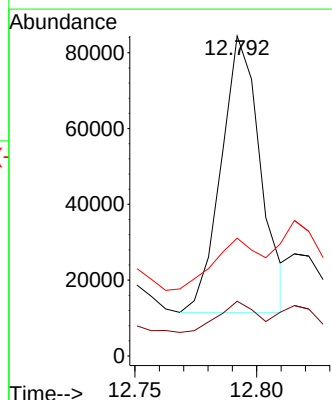
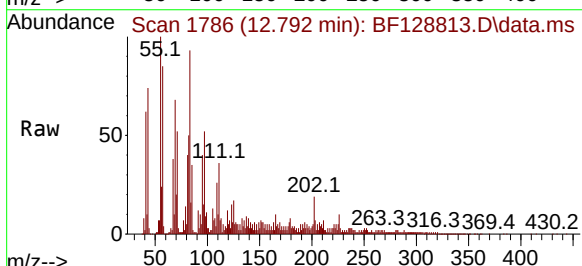
Tgt Ion:202 Resp: 82123

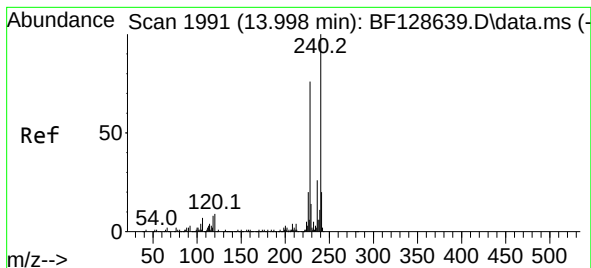
Ion Ratio Lower Upper

202 100

101 17.1 0.0 31.4

203 36.8 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 1994

Delta R.T. 0.053 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

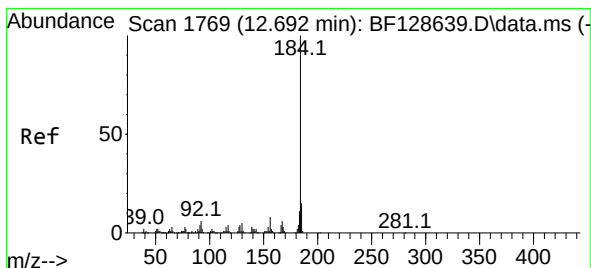
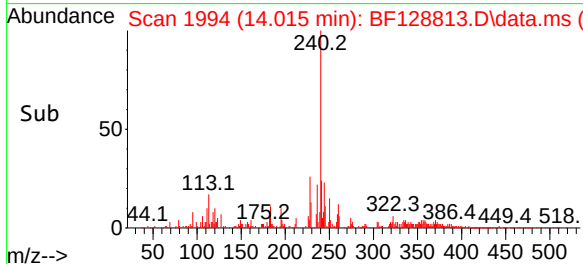
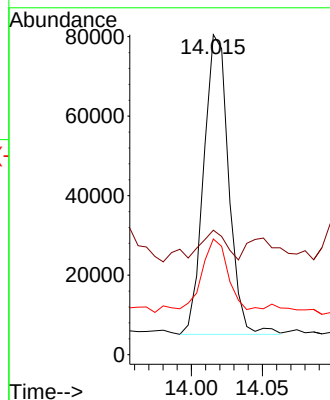
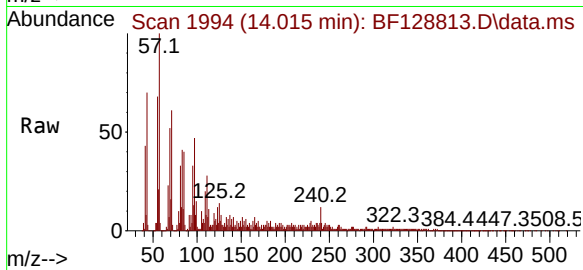
Tgt Ion:240 Resp: 92235

Ion Ratio Lower Upper

240 100

120 38.9 8.9 13.3#

236 36.2 20.8 31.2#



#77

Benzidine

Concen: 2.929 ng

RT: 12.721 min Scan# 1774

Delta R.T. 0.070 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

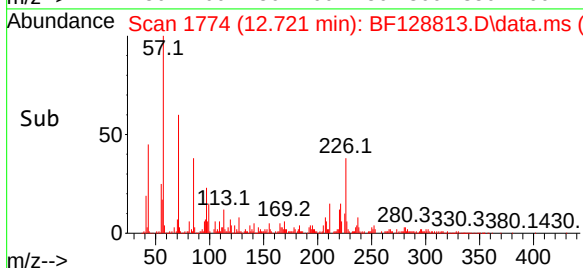
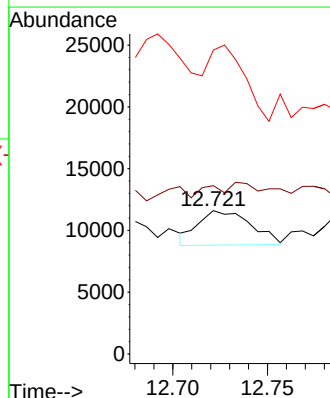
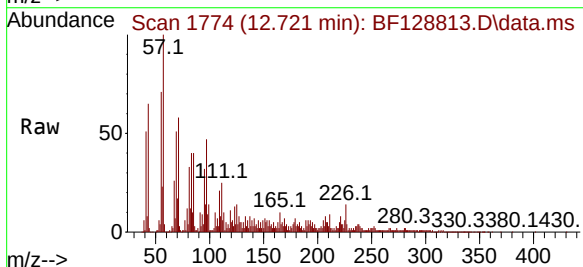
Tgt Ion:184 Resp: 5386

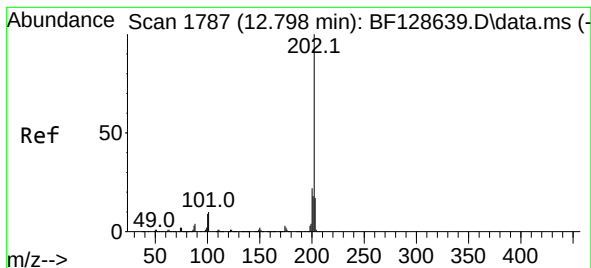
Ion Ratio Lower Upper

184 100

185 117.4 11.9 17.9#

183 211.9 9.3 13.9#





#78

Pyrene

Concen: 14.463 ng

RT: 12.792 min Scan# 1

Delta R.T. 0.035 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

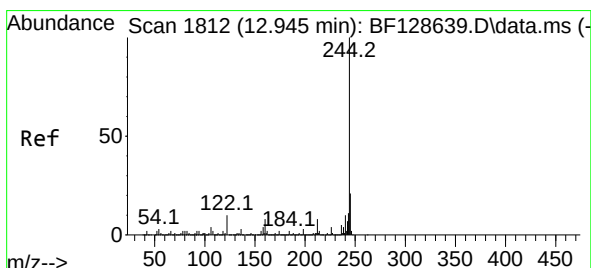
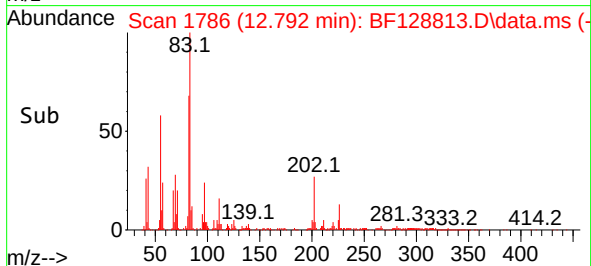
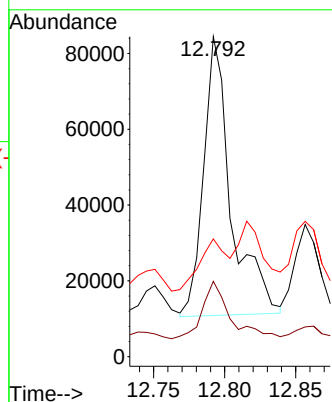
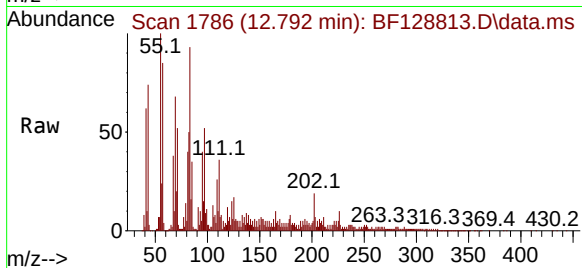
Tgt Ion:202 Resp: 99248

Ion Ratio Lower Upper

202 100

200 23.6 17.7 26.5

203 36.8 14.6 21.8#



#79

Terphenyl-d14

Concen: 50.514 ng

RT: 12.939 min Scan# 1811

Delta R.T. 0.035 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

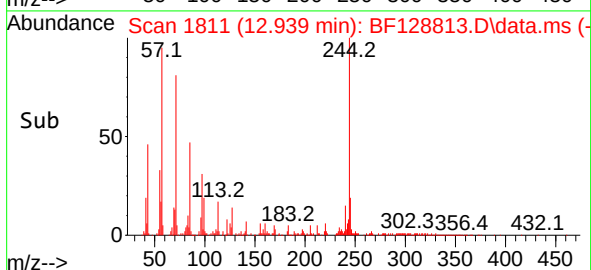
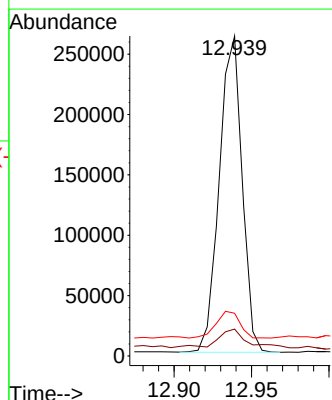
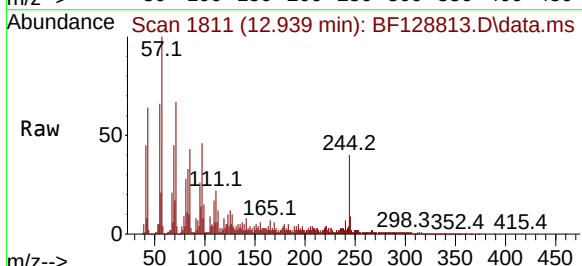
Tgt Ion:244 Resp: 268132

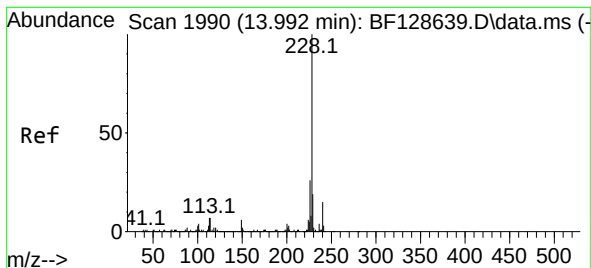
Ion Ratio Lower Upper

244 100

212 8.4 6.1 9.1

122 13.3 8.8 13.2#





#81

Benzo(a)anthracene

Concen: 5.485 ng

RT: 14.010 min Scan# 1993

Delta R.T. 0.059 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

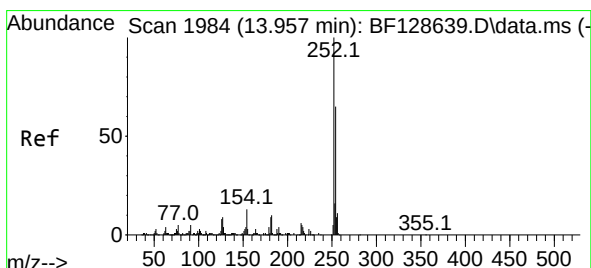
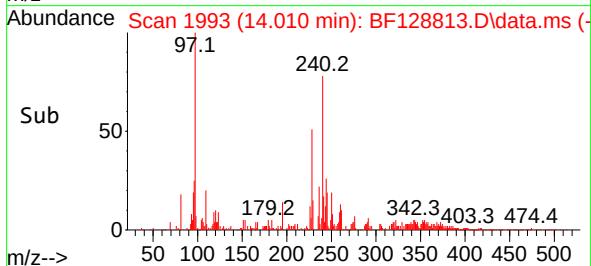
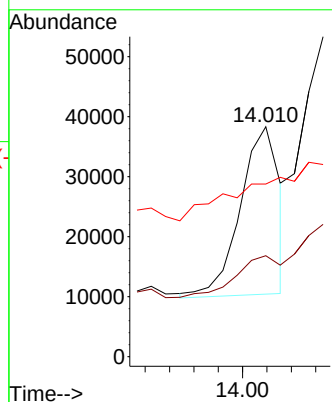
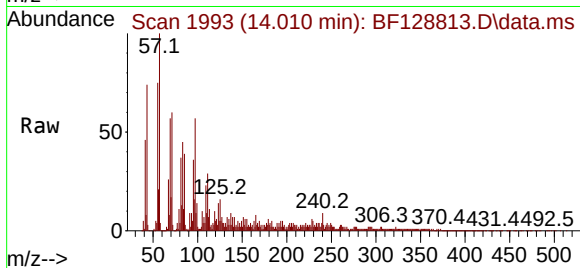
Tgt Ion:228 Resp: 31534

Ion Ratio Lower Upper

228 100

226 43.9 22.1 33.1#

229 75.1 15.8 23.8#



#82

3,3'-Dichlorobenzidine

Concen: 2.585 ng

RT: 13.945 min Scan# 1982

Delta R.T. 0.029 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

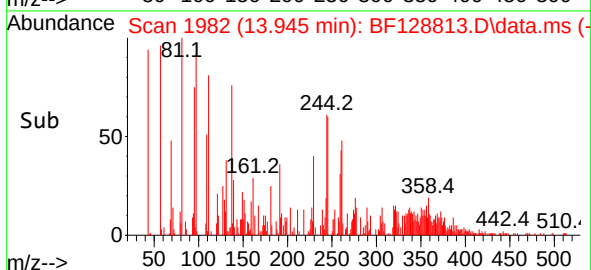
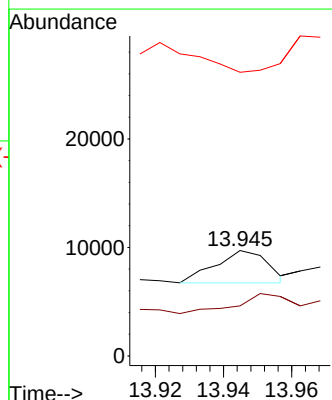
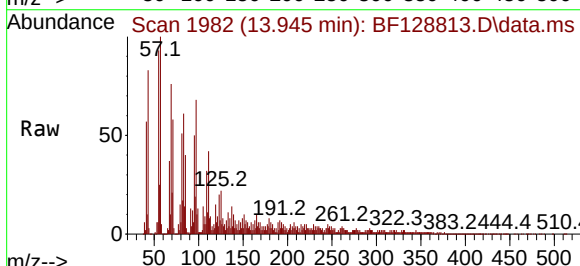
Tgt Ion:252 Resp: 3180

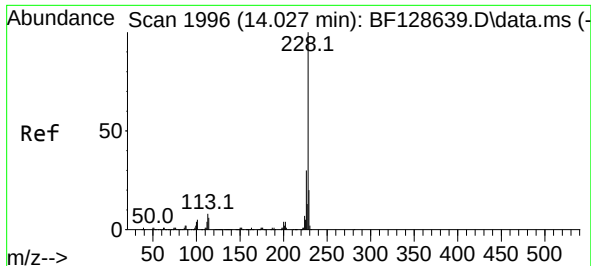
Ion Ratio Lower Upper

252 100

254 47.4 50.2 75.4#

126 269.0 8.2 12.4#





#83

Chrysene

Concen: 14.178 ng

RT: 14.039 min Scan# 1996

Delta R.T. 0.047 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

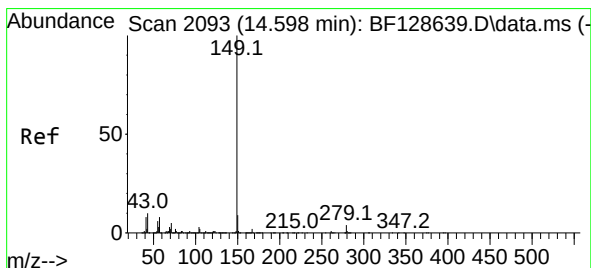
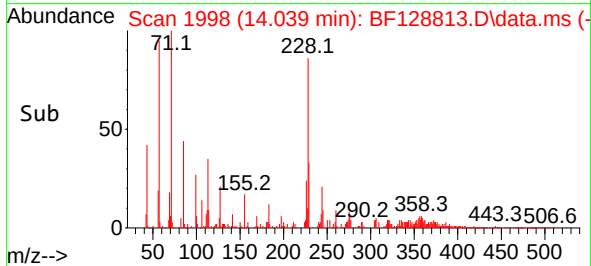
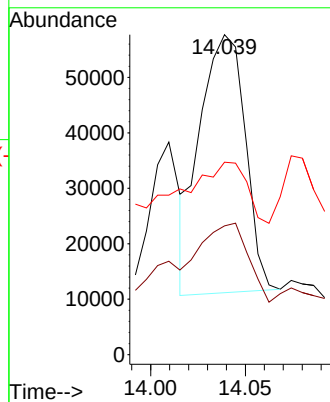
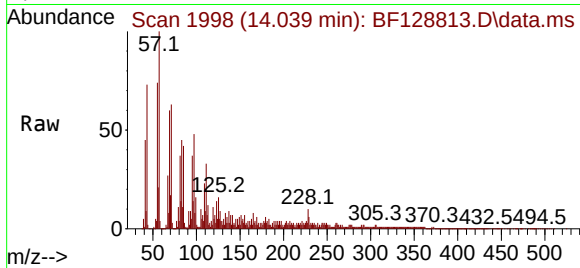
Tgt Ion:228 Resp: 77716

Ion Ratio Lower Upper

228 100

226 40.3 24.3 36.5#

229 60.2 15.9 23.9#



#85

Di-n-octyl phthalate

Concen: 3.146 ng

RT: 14.633 min Scan# 2099

Delta R.T. 0.082 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

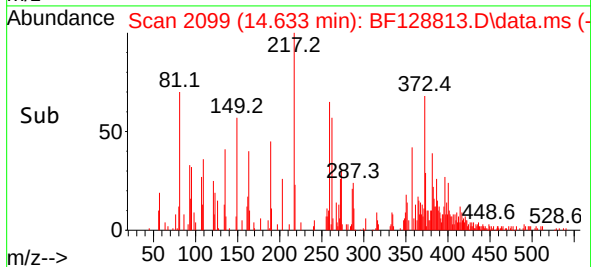
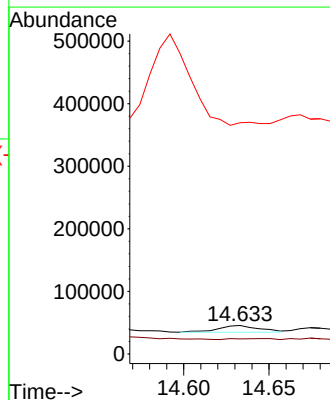
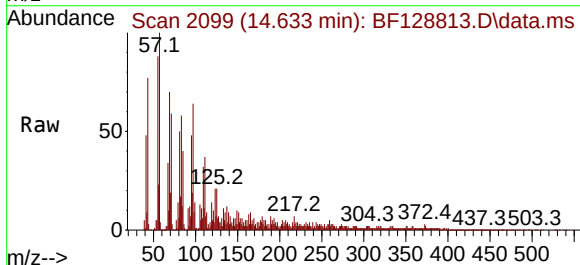
Tgt Ion:149 Resp: 17749

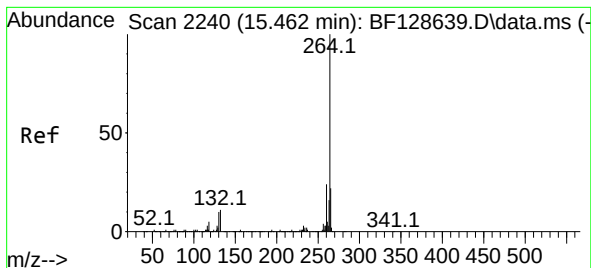
Ion Ratio Lower Upper

149 100

167 14.8 1.3 1.9#

43 0.0 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2174

Delta R.T. 0.094 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

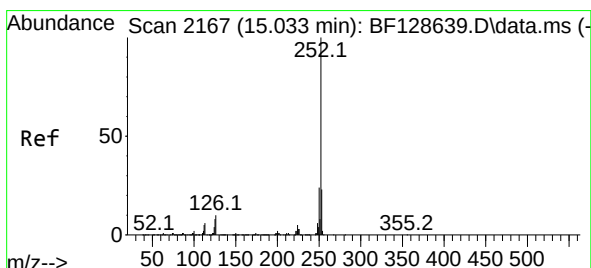
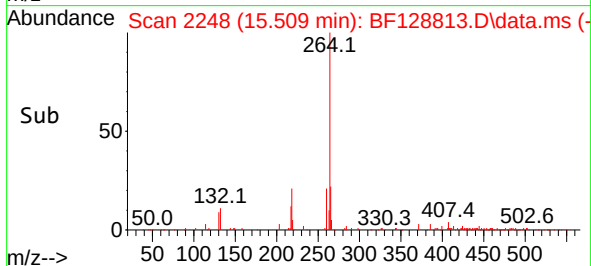
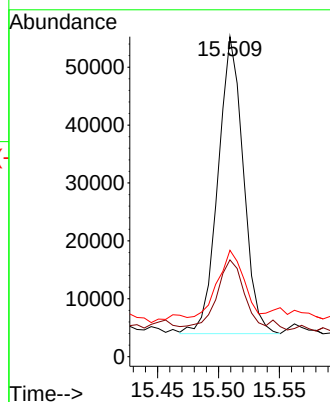
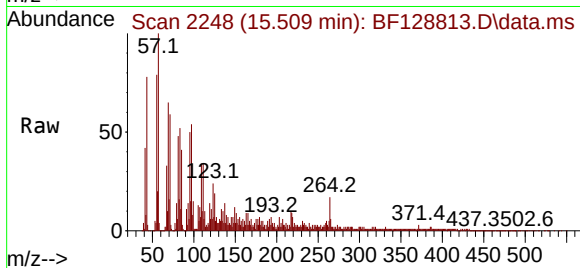
Tgt Ion:264 Resp: 74184

Ion Ratio Lower Upper

264 100

260 30.3 18.4 27.6#

265 33.3 17.2 25.8#



#88

Benzo(b)fluoranthene

Concen: 4.958 ng

RT: 15.074 min Scan# 2174

Delta R.T. 0.082 min

Lab File: BF128813.D

Acq: 14 Jun 2022 21:44

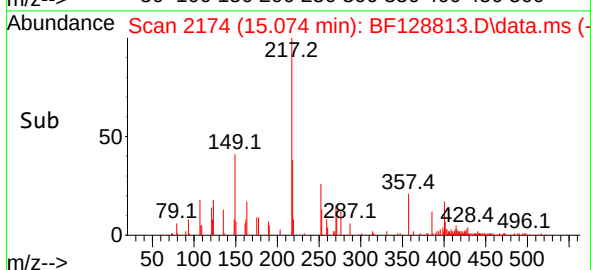
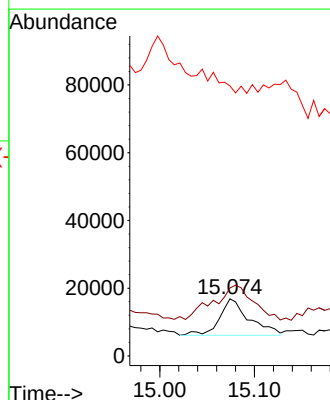
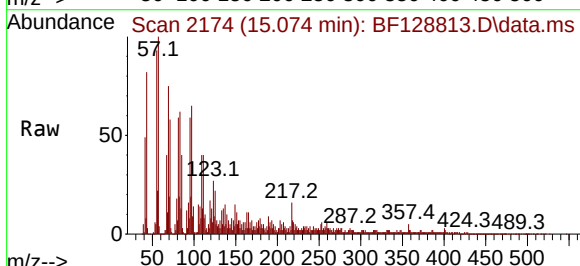
Tgt Ion:252 Resp: 23503

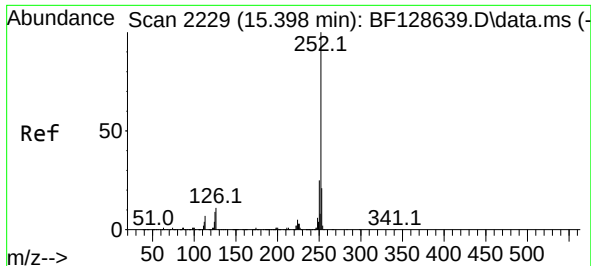
Ion Ratio Lower Upper

252 100

253 119.0 17.7 26.5#

125 472.5 8.0 12.0#

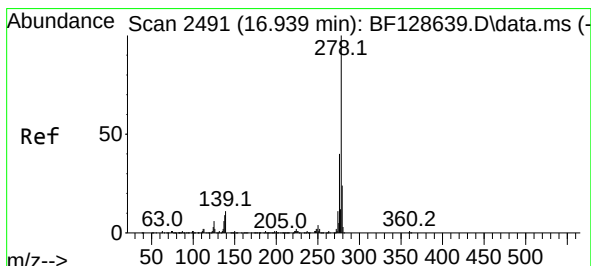
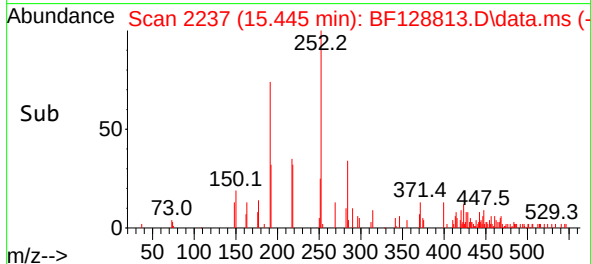
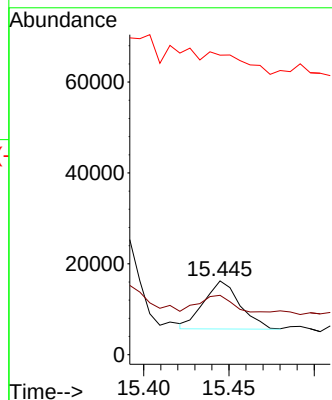
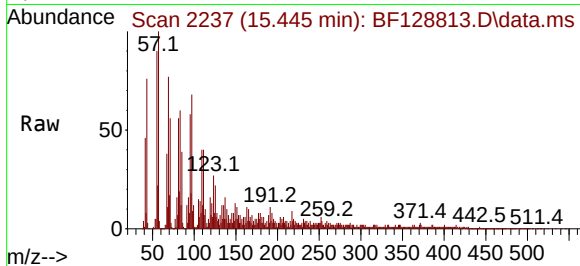




#90
Benzo(a)pyrene
Concen: 4.175 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

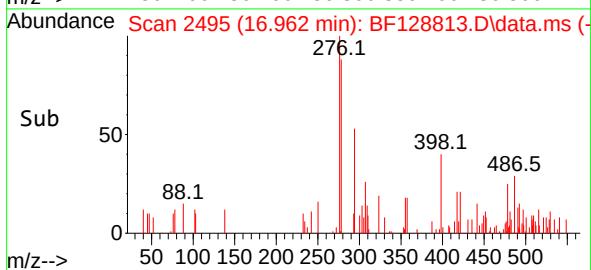
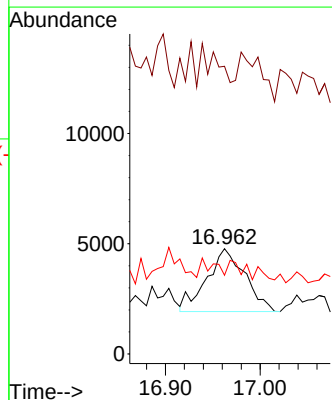
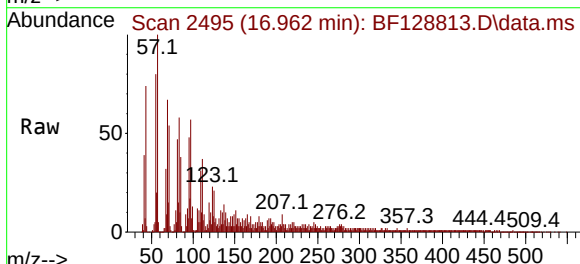
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

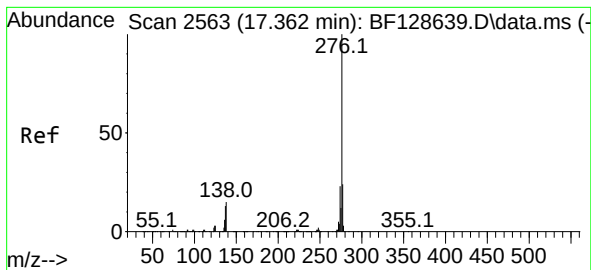
Tgt Ion:252 Resp: 15556
Ion Ratio Lower Upper
252 100
253 80.4 17.0 25.6#
125 406.0 8.8 13.2#



#91
Dibenzo(a,h)anthracene
Concen: 2.152 ng
RT: 16.962 min Scan# 2495
Delta R.T. 0.088 min
Lab File: BF128813.D
Acq: 14 Jun 2022 21:44

Tgt Ion:278 Resp: 7980
Ion Ratio Lower Upper
278 100
139 273.1 12.8 19.2#
279 74.8 18.6 28.0#





#92

Benzo(g,h,i)perylene

Concen: 3.305 ng

RT: 17.409 min Scan# 21

Delta R.T. 0.112 min

Lab File: BF128813.D

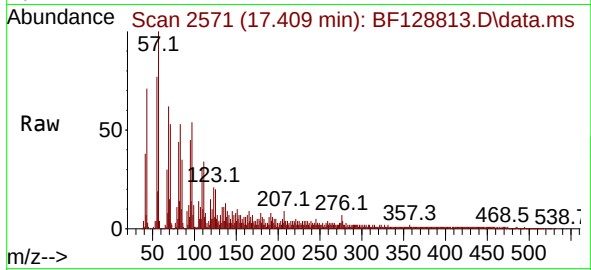
Acq: 14 Jun 2022 21:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8



Tgt Ion:276 Resp: 12147

Ion Ratio Lower Upper

276 100

277 53.6 19.1 28.7#

138 77.5 18.0 27.0#

