

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128812.D
 Acq On : 14 Jun 2022 21:14
 Operator : CG\JU
 Sample : N3334-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-5

Quant Time: Jun 15 01:02:46 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	6.781	152	61884	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	199242	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	95615	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	164418	20.000	ng	# 0.01
76) Chrysene-d12	14.004	240	117769	20.000	ng	# 0.04
86) Perylene-d12	15.486	264	89362	20.000	ng	# 0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	178482	45.939	ng	0.00
7) Phenol-d6	6.434	99	370466	78.116	ng	0.00
23) Nitrobenzene-d5	7.345	82	286159	66.869	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	17907	15.851	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	436023	63.879	ng	0.00
79) Terphenyl-d14	12.933	244	432483	63.811	ng	0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.334	77	7172	2.482	ng	# 1
18) Hexachloroethane	7.275	117	6210	3.596	ng	# 1
19) n-Nitroso-di-n-propyla...	7.210	70	22672	7.689	ng	# 64
22) Acetophenone	7.175	105	65816	12.630	ng	# 54
24) Nitrobenzene	7.357	77	16560	4.215	ng	# 51
25) Isophorone	7.592	82	52731	8.113	ng	# 1
26) 2-Nitrophenol	7.686	139	6434	3.717	ng	# 1
27) 2,4-Dimethylphenol	7.722	122	8452	3.205	ng	# 1
29) 2,4-Dichlorophenol	7.975	162	6201	2.032	ng	# 6
31) Naphthalene	8.092	128	110670	10.823	ng	# 85
32) Benzoic acid	7.863	122	8264	4.417	ng	# 11
35) Caprolactam	8.533	113	8714	10.326	ng	# 1
37) 2-Methylnaphthalene	8.786	142	300561	46.213	ng	99
38) 1-Methylnaphthalene	8.886	142	263278	41.898	ng	100
46) 1,1'-Biphenyl	9.251	154	21328	2.973	ng	87
49) Acenaphthylene	9.692	152	27507	3.282	ng	# 1
50) Dimethylphthalate	9.533	163	18419	2.814	ng	# 1
51) 2,6-Dinitrotoluene	9.627	165	3143	2.433	ng	# 34
52) Acenaphthene	9.863	154	33504	6.139	ng	# 77
53) 3-Nitroaniline	9.780	138	6110	4.358	ng	# 27
55) Dibenzofuran	10.039	168	40805	5.202	ng	# 1
56) 4-Nitrophenol	9.980	139	7160	7.046	ng	# 9
57) 2,4-Dinitrotoluene	10.039	165	19361	11.231	ng	# 58
58) Fluorene	10.380	166	86774	14.265	ng	# 84
62) 4-Nitroaniline	10.292	138	6830	4.812	ng	91
63) Azobenzene	10.533	77	13995	2.161	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.451	198	2614	2.694	ng	# 1
66) n-Nitrosodiphenylamine	10.492	169	155771	30.824	ng	# 51
71) Phenanthrene	11.351	178	298327	36.175	ng	# 93
72) Anthracene	11.404	178	61503	7.535	ng	# 71
75) Fluoranthene	12.786	202	223374	25.912	ng	85
78) Pyrene	12.786	202	228080	26.031	ng	# 91
81) Benzo(a)anthracene	13.998	228	103526	14.103	ng	# 54
82) 3,3'-Dichlorobenzidine	13.933	252	5668	3.609	ng	# 1
83) Chrysene	14.033	228	155439	22.210	ng	# 71
87) Indeno(1,2,3-cd)pyrene	16.927	276	14392	2.672	ng	96

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QLast Update : Tue Jun 14 14:53:53 2022
Response via : Initial Calibration

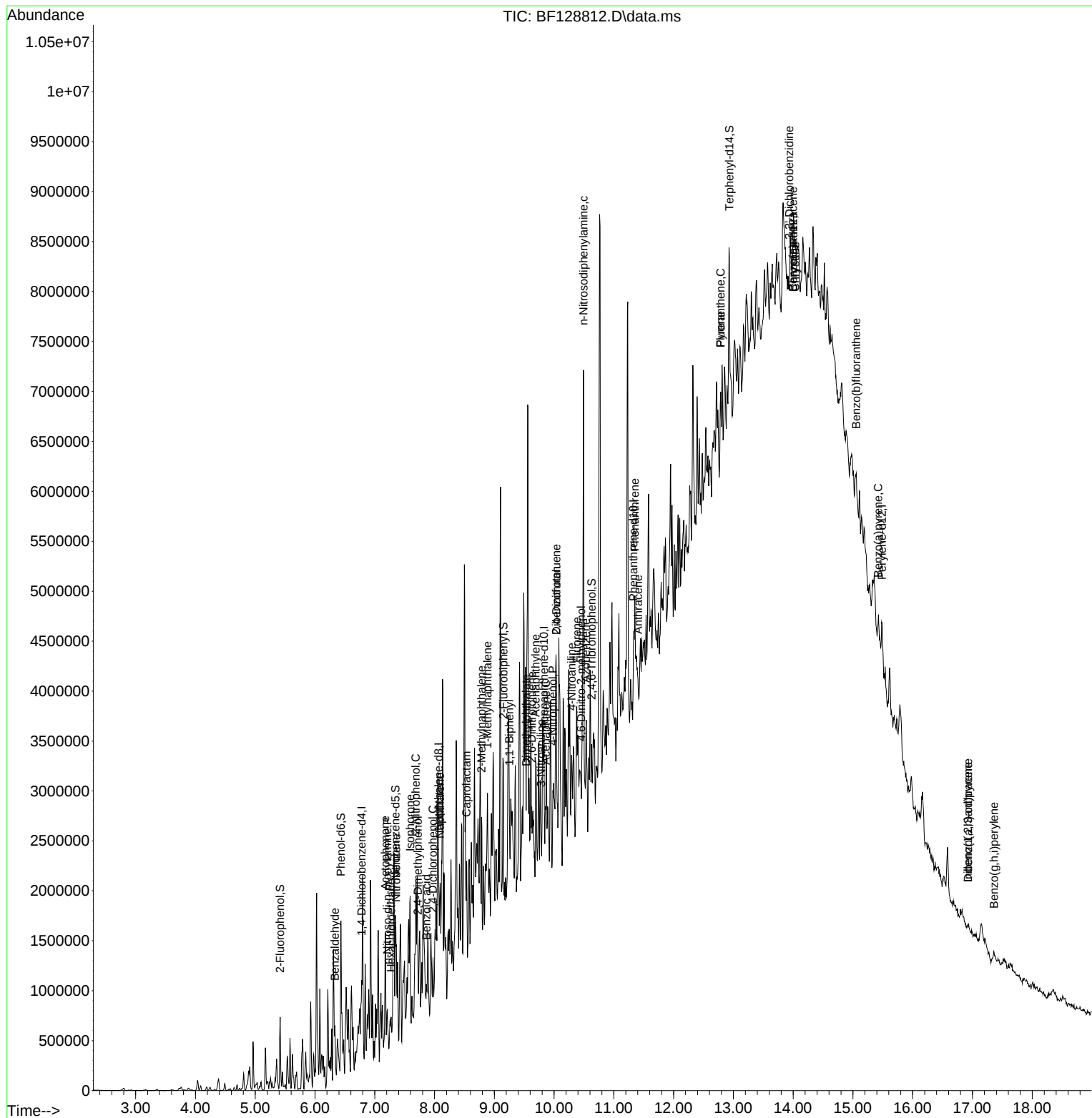
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	15.057	252	44185	7.738	ng #	1
90) Benzo(a)pyrene	15.421	252	43733	9.745	ng #	1
91) Dibenzo(a,h)anthracene	16.927	278	14703	3.291	ng #	1
92) Benzo(g,h,i)perylene	17.362	276	31529	7.121	ng #	76

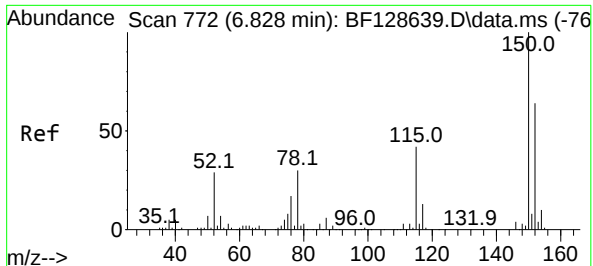
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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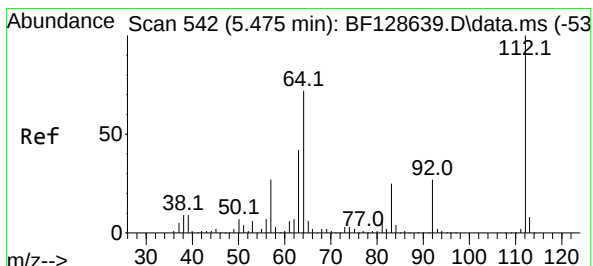
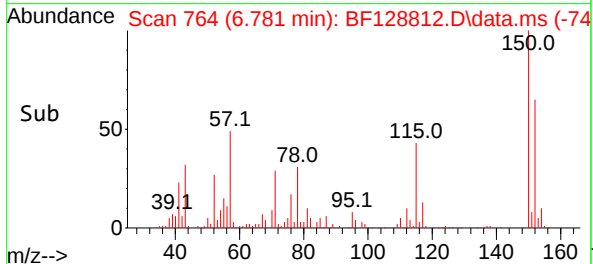
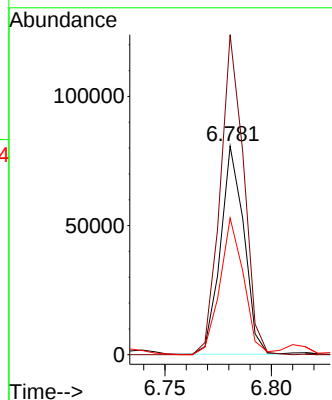
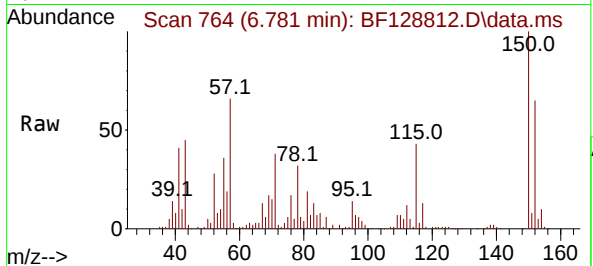




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

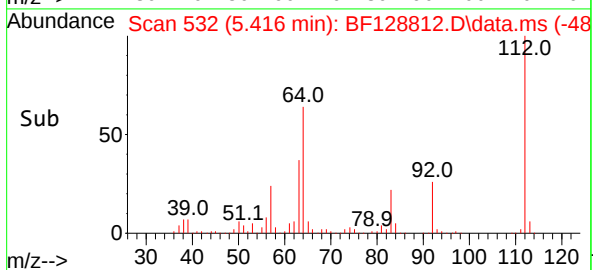
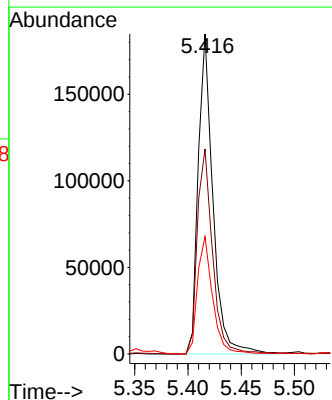
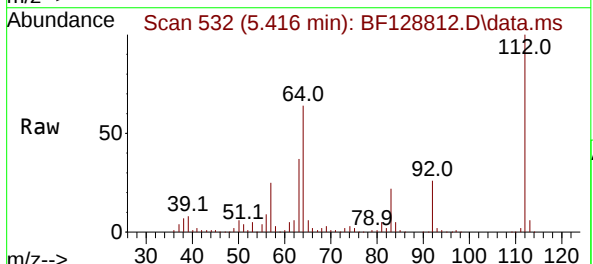
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

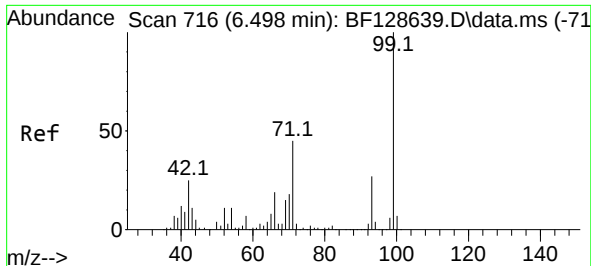
Tgt Ion:152 Resp: 61884
Ion Ratio Lower Upper
152 100
150 153.3 123.7 185.5
115 65.5 49.9 74.9



#5
2-Fluorophenol
Concen: 45.939 ng
RT: 5.416 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion:112 Resp: 178482
Ion Ratio Lower Upper
112 100
64 64.1 53.3 79.9
63 36.7 28.0 42.0

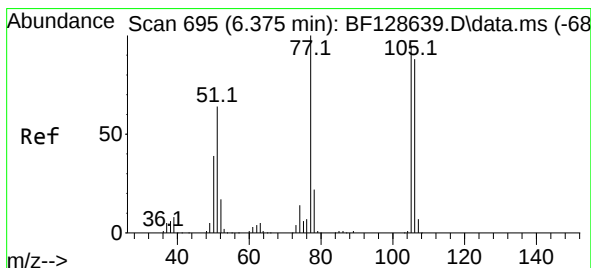
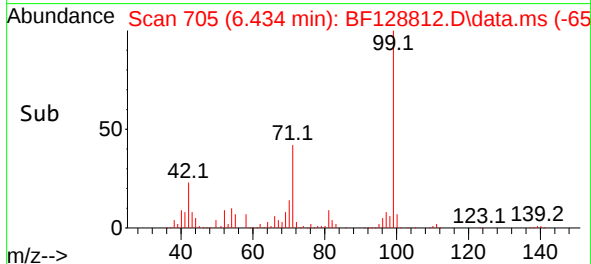
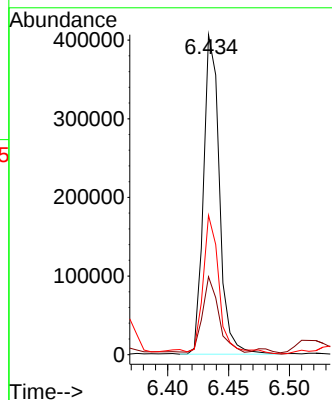
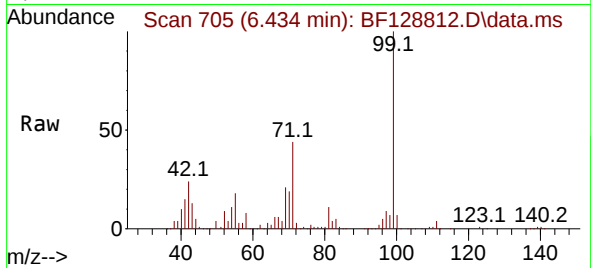




#7
Phenol-d6
Concen: 78.116 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

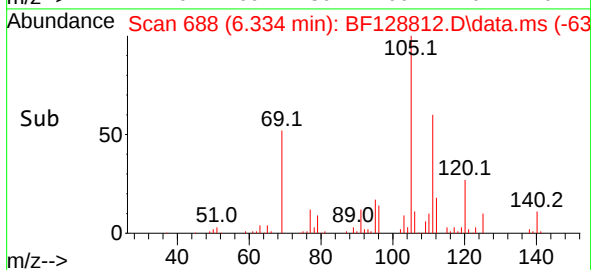
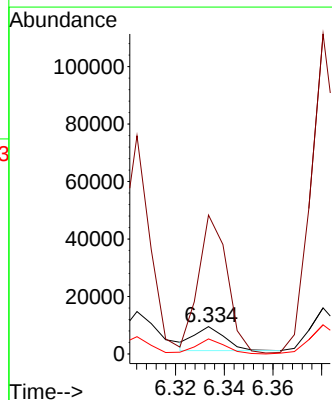
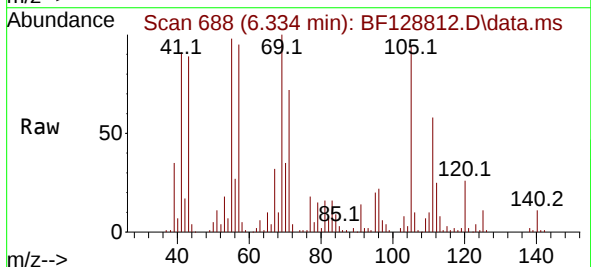
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

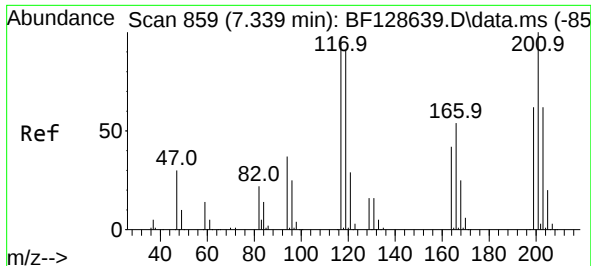
Tgt Ion: 99 Resp: 370466
Ion Ratio Lower Upper
99 100
42 24.4 17.3 25.9
71 43.6 28.9 43.3#



#9
Benzaldehyde
Concen: 2.482 ng
RT: 6.334 min Scan# 688
Delta R.T. -0.000 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion: 77 Resp: 7172
Ion Ratio Lower Upper
77 100
105 507.8 81.6 121.6#
106 54.9 76.1 116.1#

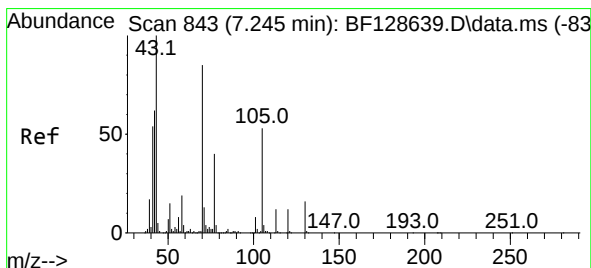
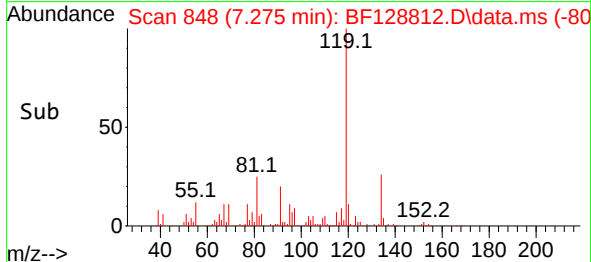
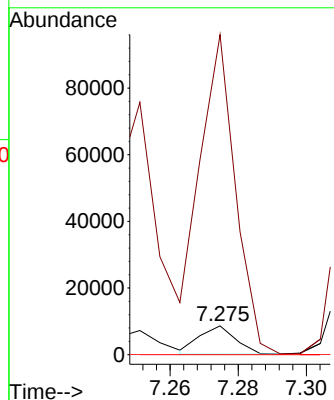
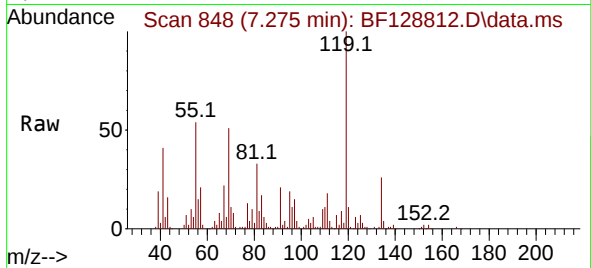




#18
Hexachloroethane
Concen: 3.596 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

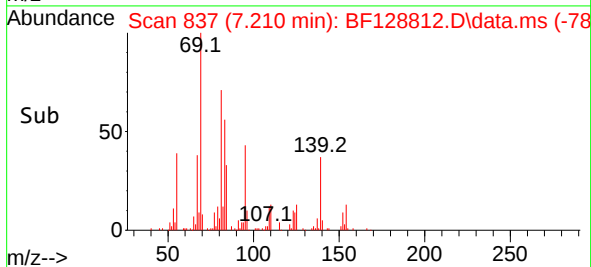
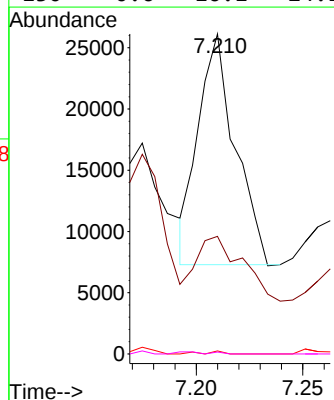
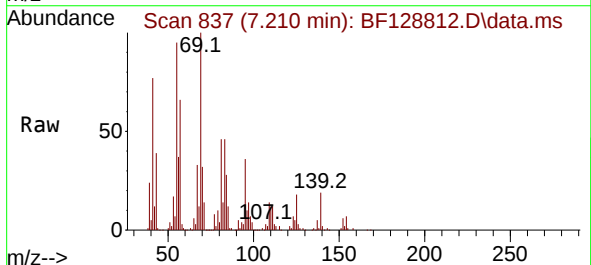
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

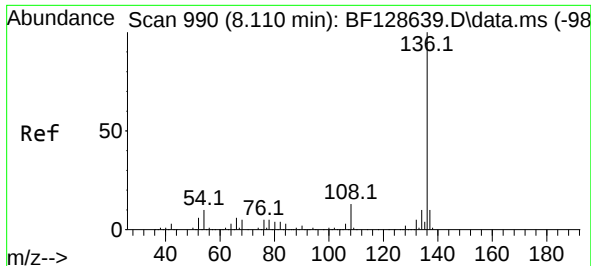
Tgt Ion:117 Resp: 6210
Ion Ratio Lower Upper
117 100
119 1113.3 77.4 116.2#
201 0.0 84.6 127.0#



#19
n-Nitroso-di-n-propylamine
Concen: 7.689 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.006 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion: 70 Resp: 22672
Ion Ratio Lower Upper
70 100
42 36.8 52.3 78.5#
101 1.0 7.5 11.3#
130 0.6 16.1 24.1#

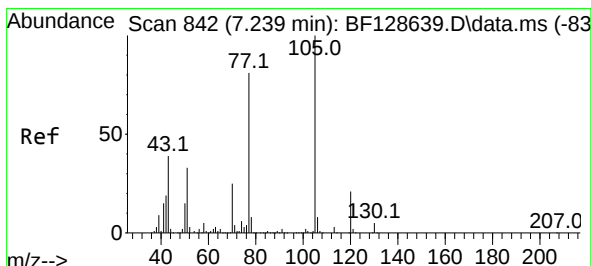
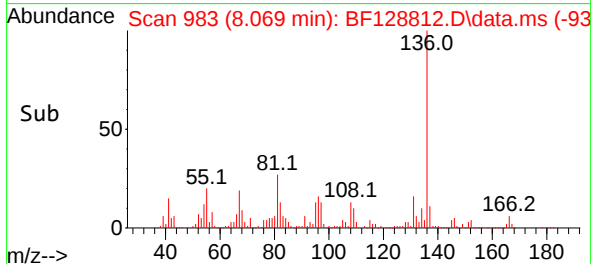
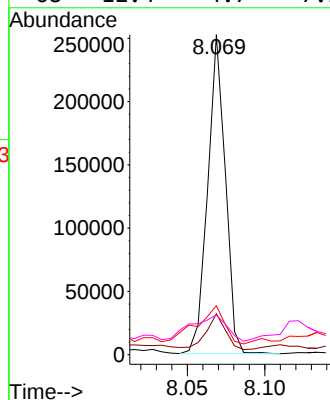
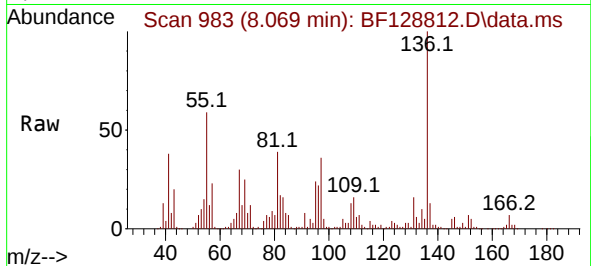




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

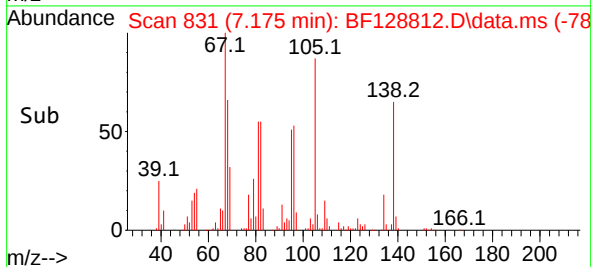
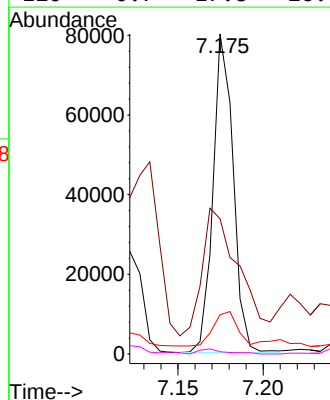
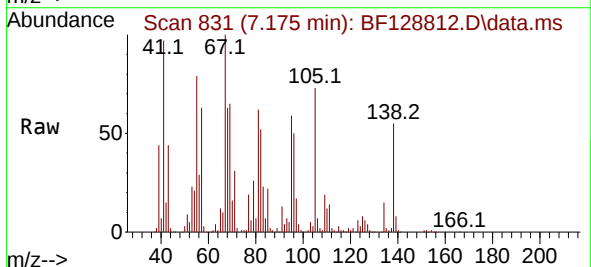
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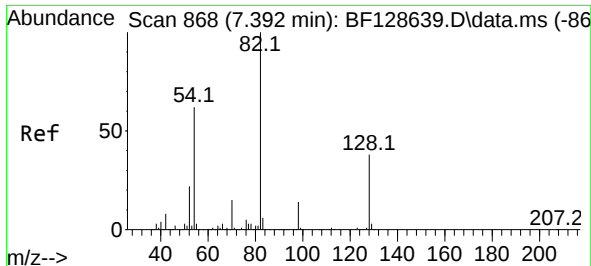
Tgt Ion:136 Resp: 199242
Ion Ratio Lower Upper
136 100
137 12.8 8.8 13.2
54 15.3 7.5 11.3#
68 12.4 4.7 7.1#



#22
Acetophenone
Concen: 12.630 ng
RT: 7.175 min Scan# 831
Delta R.T. -0.024 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion:105 Resp: 65816
Ion Ratio Lower Upper
105 100
71 42.2 5.0 7.4#
51 12.3 25.0 37.4#
120 0.7 17.8 26.8#





#23

Nitrobenzene-d5

Concen: 66.869 ng

RT: 7.345 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF128812.D

Acq: 14 Jun 2022 21:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-5

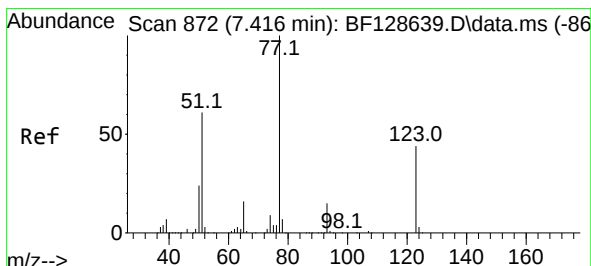
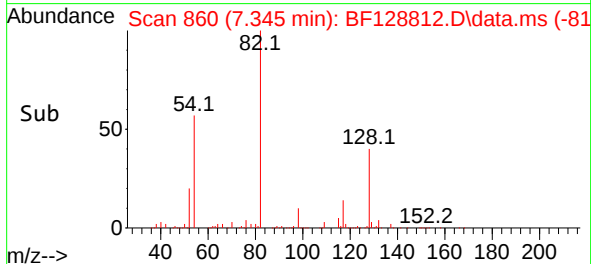
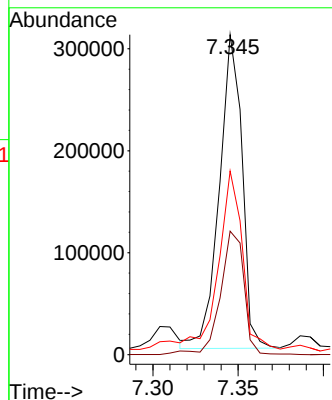
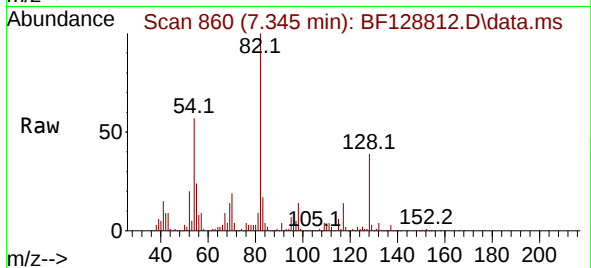
Tgt Ion: 82 Resp: 286159

Ion Ratio Lower Upper

82 100

128 38.6 34.0 51.0

54 57.4 46.9 70.3



#24

Nitrobenzene

Concen: 4.215 ng

RT: 7.357 min Scan# 862

Delta R.T. -0.012 min

Lab File: BF128812.D

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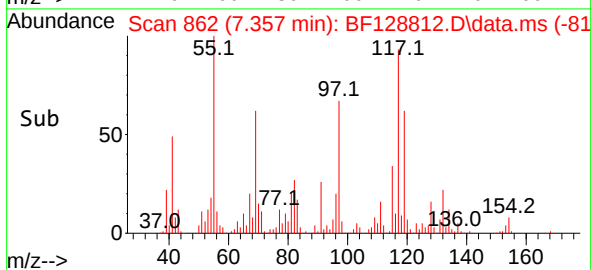
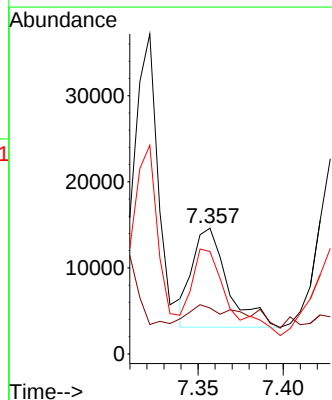
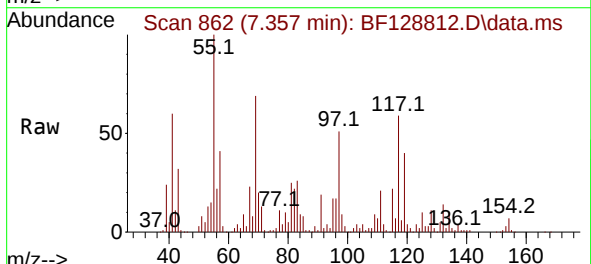
Tgt Ion: 77 Resp: 16560

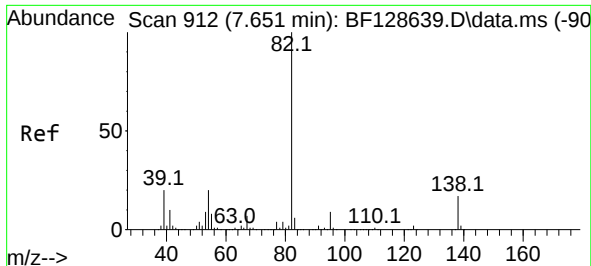
Ion Ratio Lower Upper

77 100

123 36.6 35.4 53.2

65 81.4 11.8 17.8#

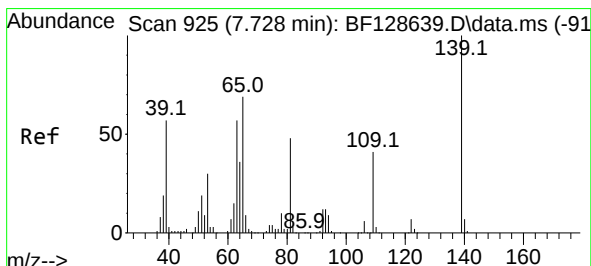
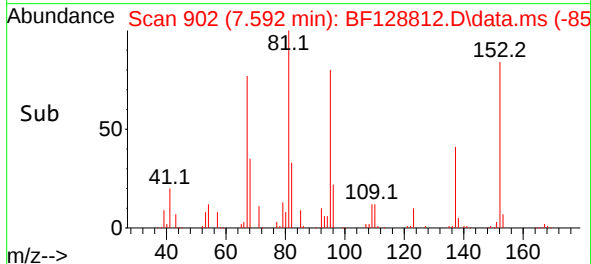
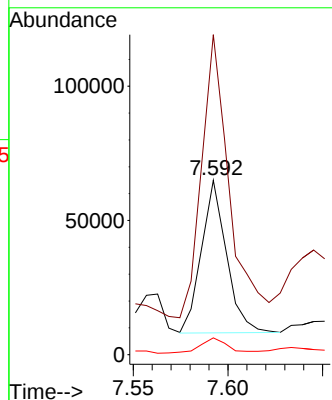
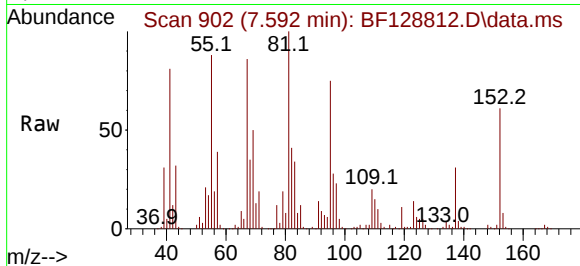




#25
Isophorone
Concen: 8.113 ng
RT: 7.592 min Scan# 90
Delta R.T. -0.018 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

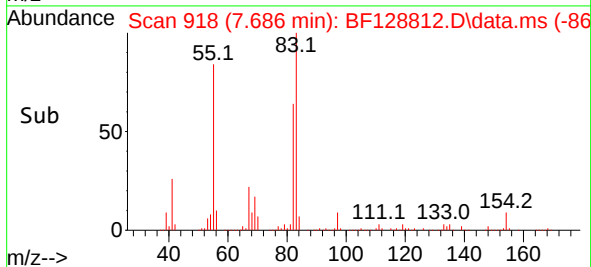
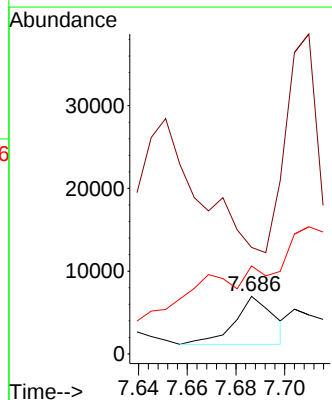
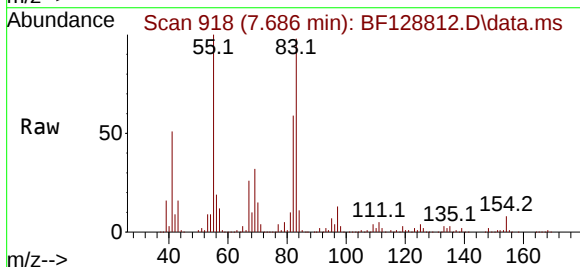
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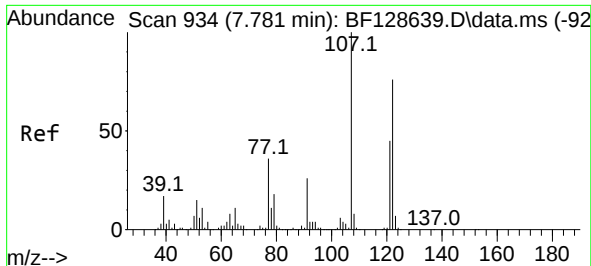
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Ion Ratio Lower Upper
82 100
95 183.4 5.7 8.5#
138 9.6 14.2 21.2#



#26
2-Nitrophenol
Concen: 3.717 ng
RT: 7.686 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion: 139 Resp: 6434
Ion Ratio Lower Upper
139 100
109 184.8 25.0 37.4#
65 152.6 45.1 67.7#





#27

2,4-Dimethylphenol

Concen: 3.205 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128812.D

Acq: 14 Jun 2022 21:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-5

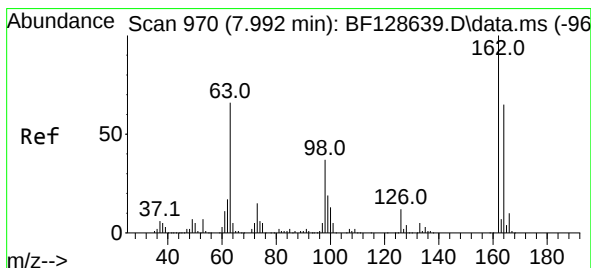
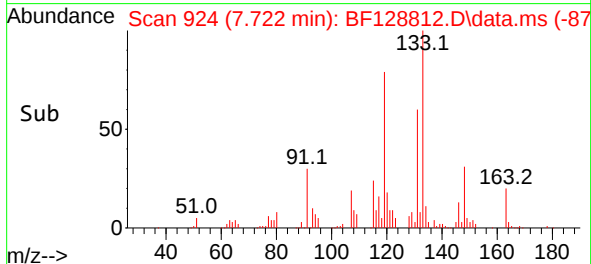
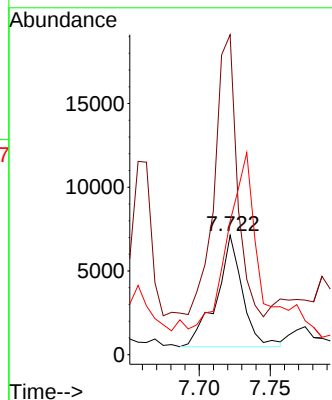
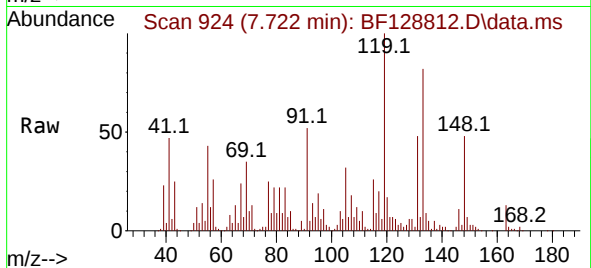
Tgt Ion:122 Resp: 8452

Ion Ratio Lower Upper

122 100

107 268.2 93.0 139.6#

121 111.7 46.6 70.0#



#29

2,4-Dichlorophenol

Concen: 2.032 ng

RT: 7.975 min Scan# 967

Delta R.T. 0.035 min

Lab File: BF128812.D

Acq: 14 Jun 2022 21:14

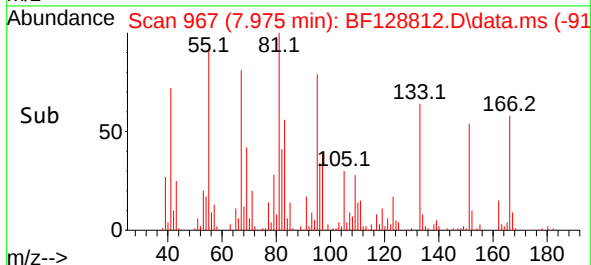
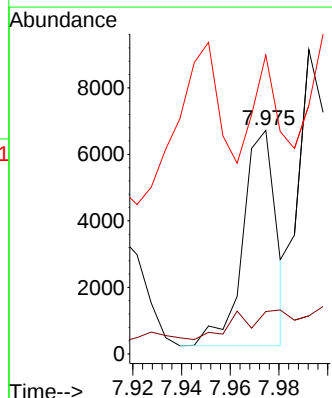
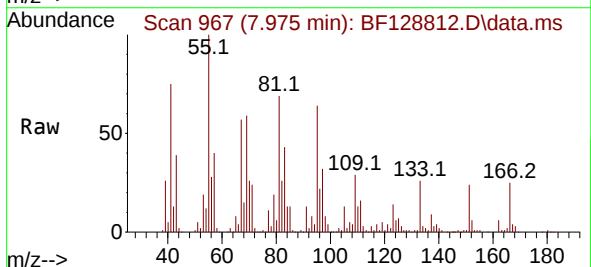
Tgt Ion:162 Resp: 6201

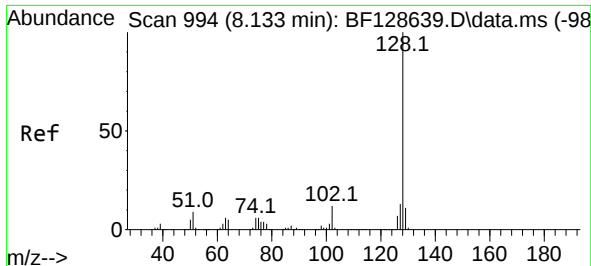
Ion Ratio Lower Upper

162 100

164 18.9 44.2 84.2#

98 133.6 19.6 59.6#

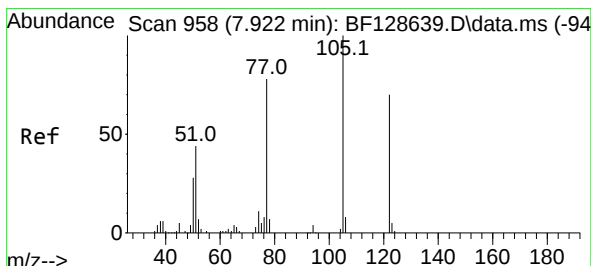
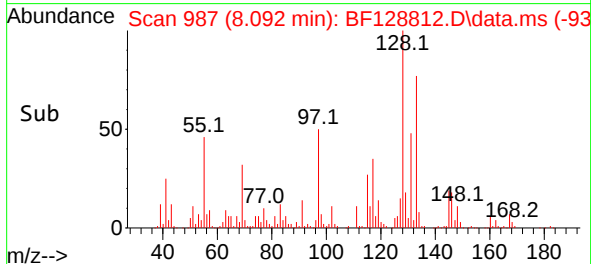
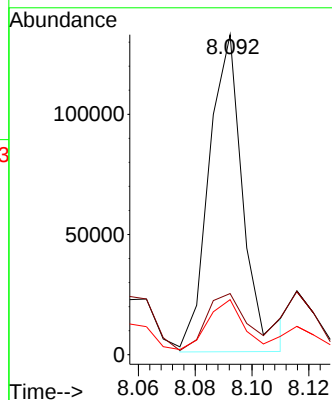
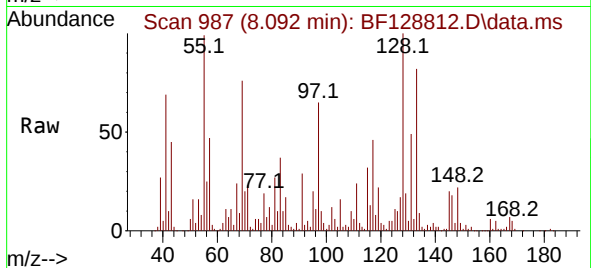




#31
Naphthalene
Concen: 10.823 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

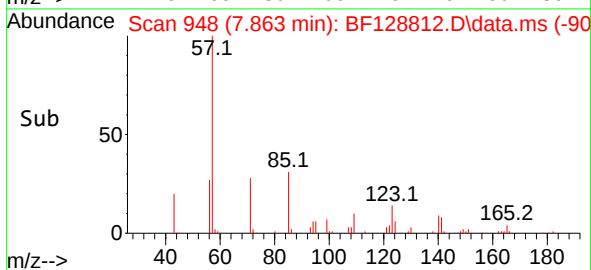
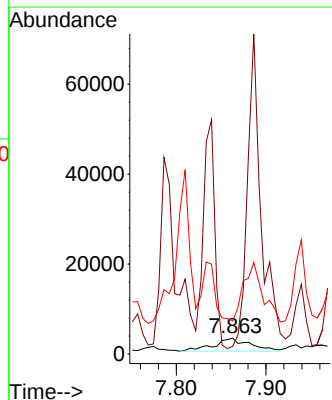
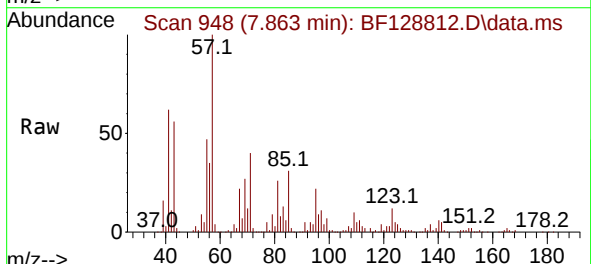
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

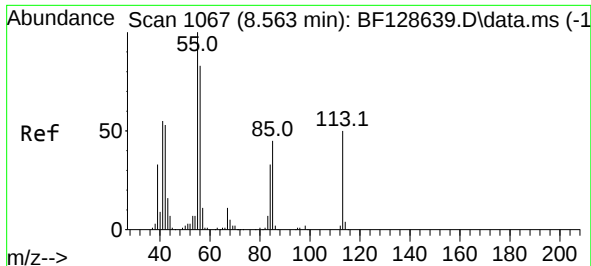
Tgt Ion:128 Resp: 110670
Ion Ratio Lower Upper
128 100
129 19.1 9.2 13.8#
127 17.2 10.5 15.7#



#32
Benzoic acid
Concen: 4.417 ng
RT: 7.863 min Scan# 948
Delta R.T. -0.018 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion:122 Resp: 8264
Ion Ratio Lower Upper
122 100
105 48.0 107.1 147.1#
77 207.7 74.2 114.2#

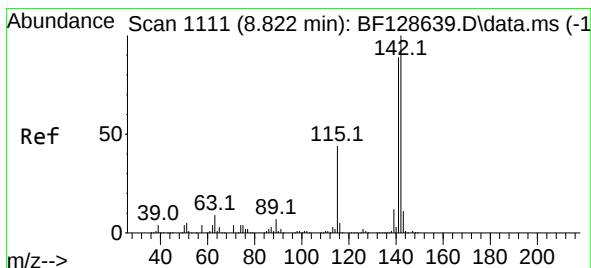
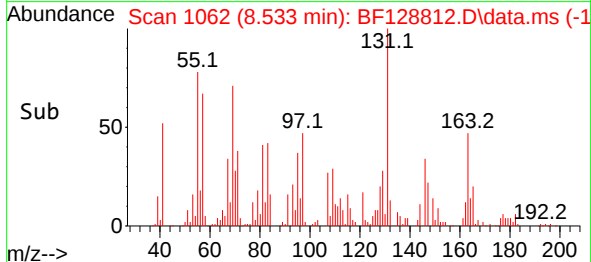
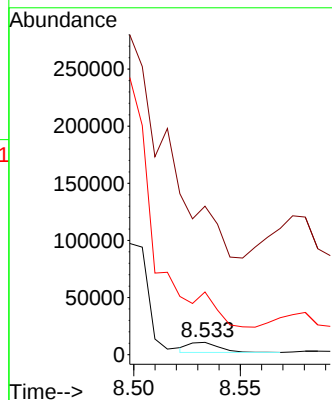
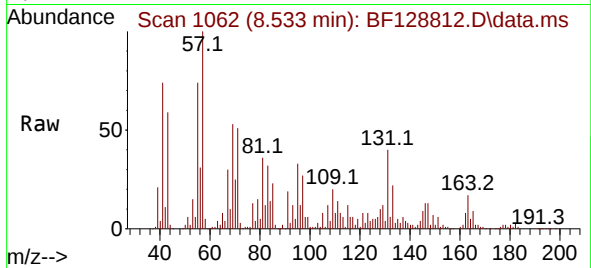




#35
 Caprolactam
 Concen: 10.326 ng
 RT: 8.533 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: BF128812.D
 Acq: 14 Jun 2022 21:14

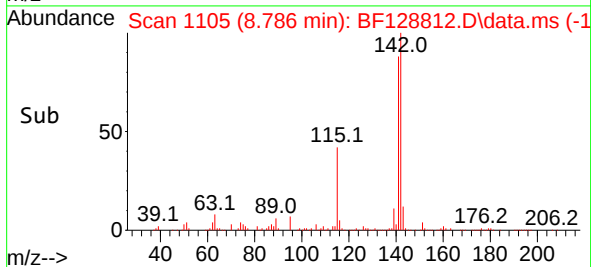
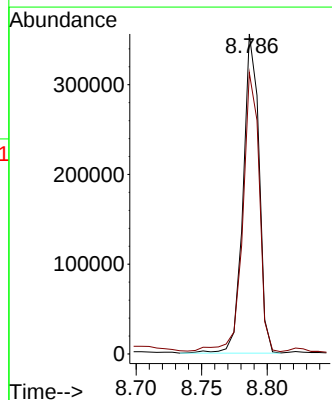
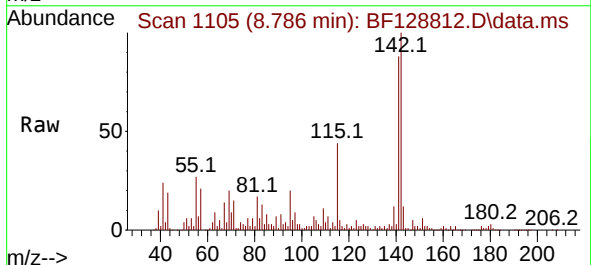
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-5

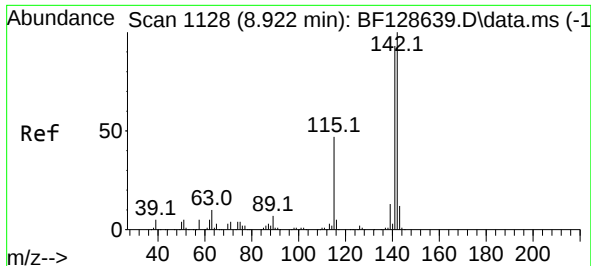
Tgt Ion:113 Resp: 8714
 Ion Ratio Lower Upper
 113 100
 55 1199.2 188.5 228.5#
 56 506.0 130.6 170.6#



#37
 2-Methylnaphthalene
 Concen: 46.213 ng
 RT: 8.786 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: BF128812.D
 Acq: 14 Jun 2022 21:14

Tgt Ion:142 Resp: 300561
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.0 106.4

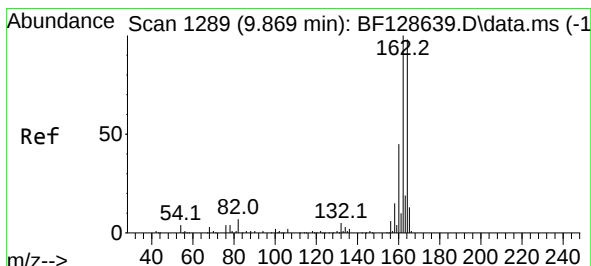
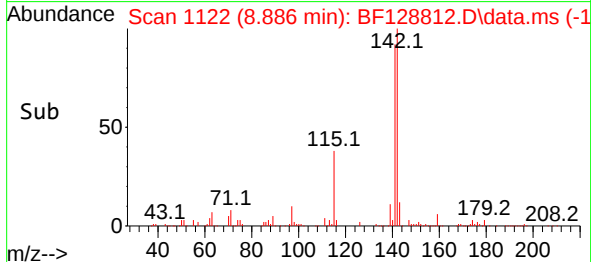
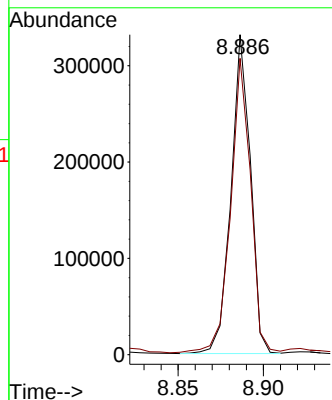
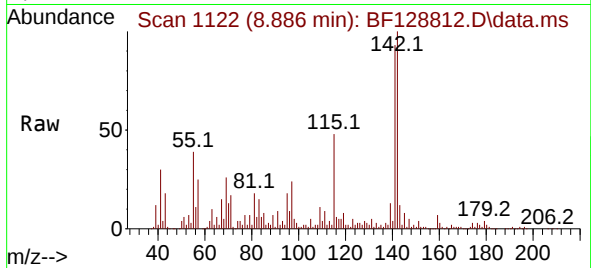




#38
1-Methylnaphthalene
Concen: 41.898 ng
RT: 8.886 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

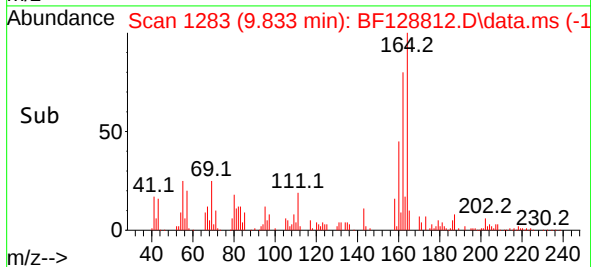
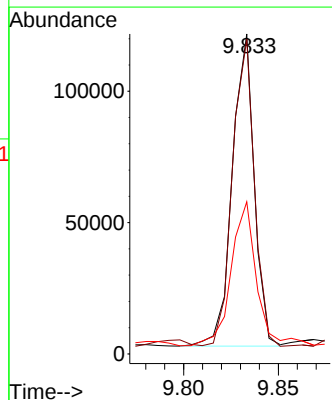
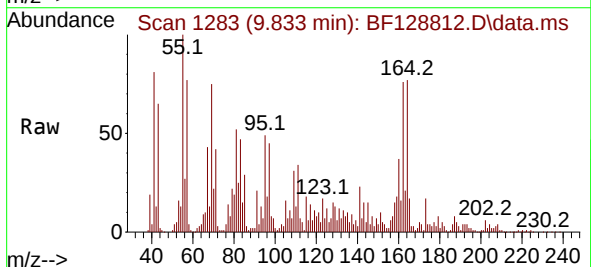
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

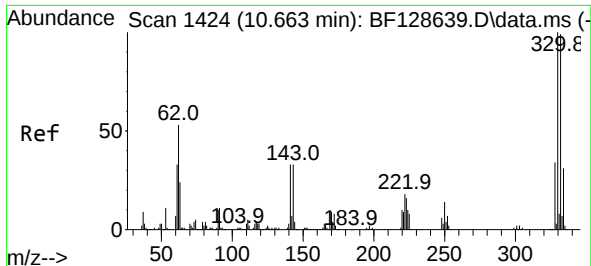
Tgt Ion:142 Resp: 263278
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion:164 Resp: 95615
Ion Ratio Lower Upper
164 100
162 98.3 79.5 119.3
160 47.5 34.2 51.4

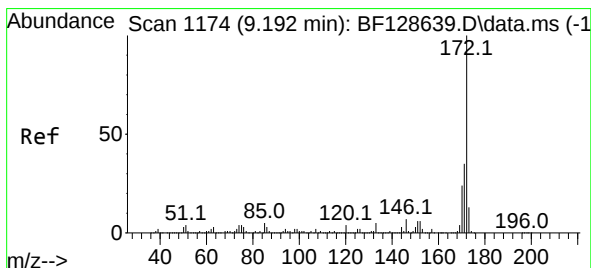
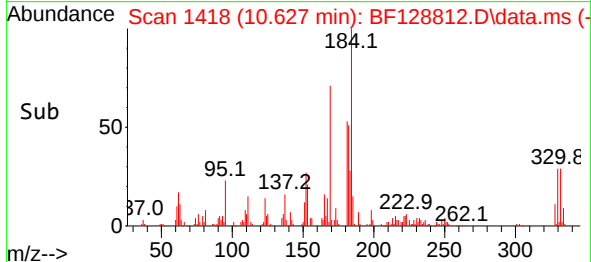
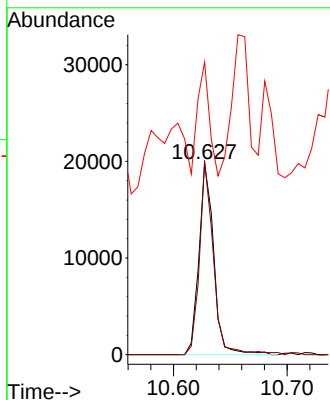
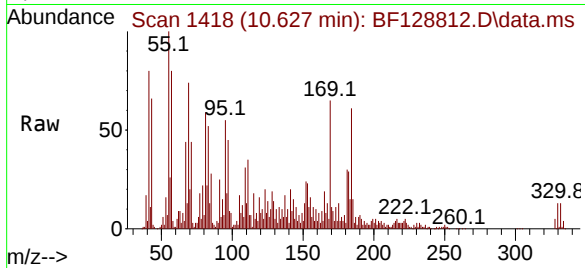




#42
2,4,6-Tribromophenol
Concen: 15.851 ng
RT: 10.627 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

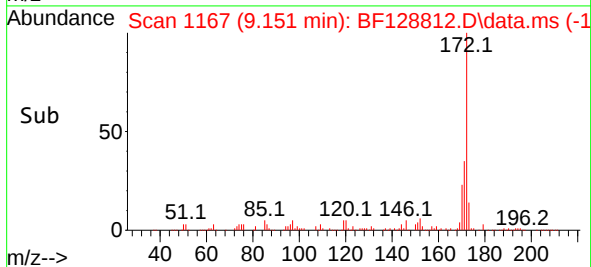
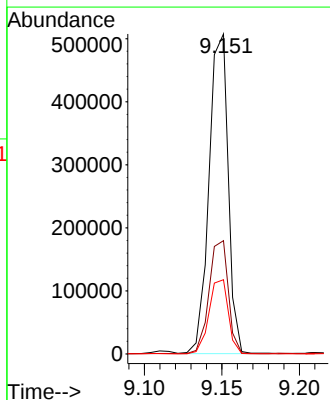
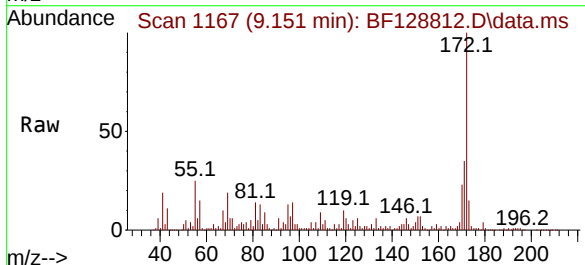
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

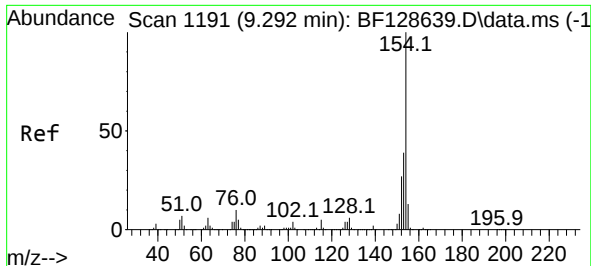
Tgt Ion:330 Resp: 17907
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 46.4 28.0 42.0#



#45
2-Fluorobiphenyl
Concen: 63.879 ng
RT: 9.151 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion:172 Resp: 436023
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.2 19.8 29.8

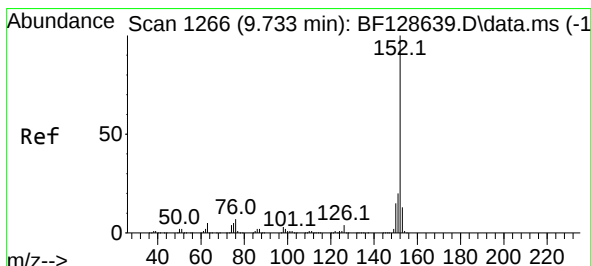
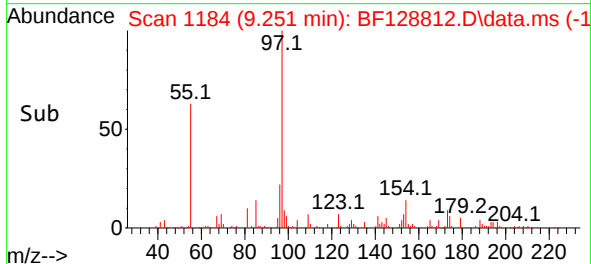
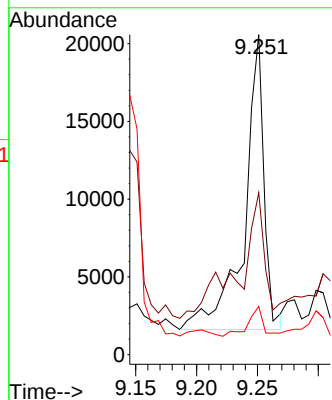
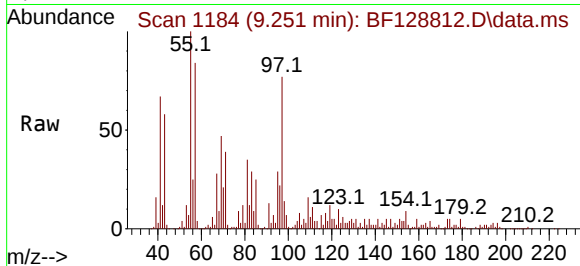




#46
1,1'-Biphenyl
Concen: 2.973 ng
RT: 9.251 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

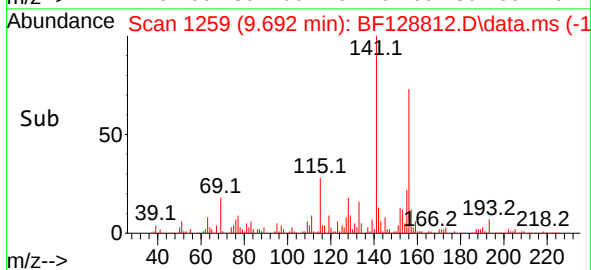
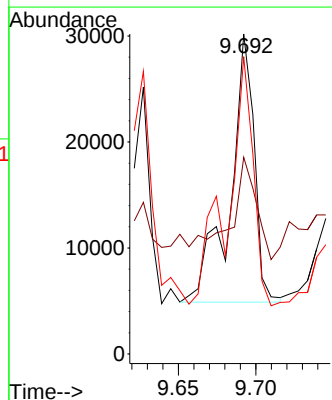
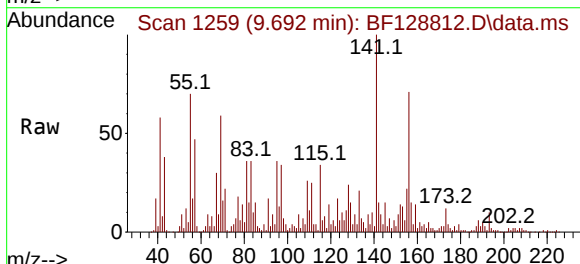
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

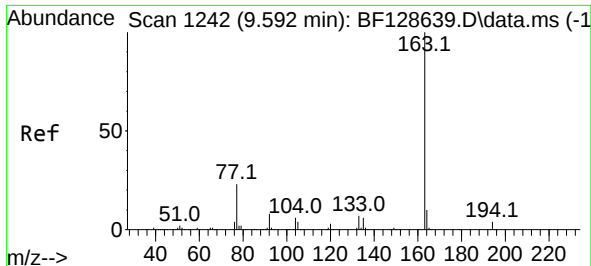
Tgt Ion:154 Resp: 21328
Ion Ratio Lower Upper
154 100
153 50.6 20.6 60.6
76 15.1 0.0 33.3



#49
Acenaphthylene
Concen: 3.282 ng
RT: 9.692 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion:152 Resp: 27507
Ion Ratio Lower Upper
152 100
151 61.4 16.2 24.4#
153 92.9 10.7 16.1#

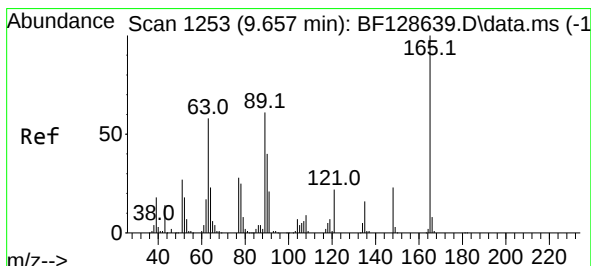
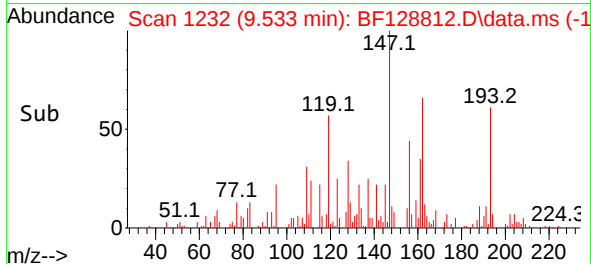
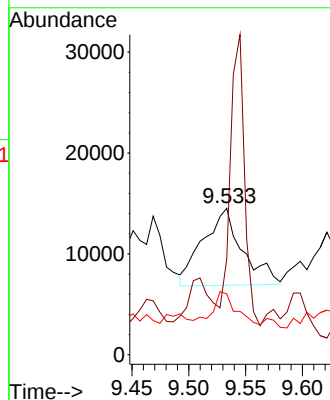
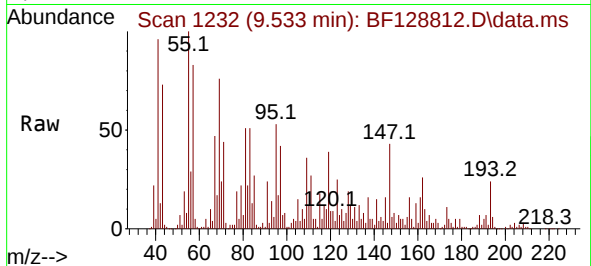




#50
Dimethylphthalate
Concen: 2.814 ng
RT: 9.533 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

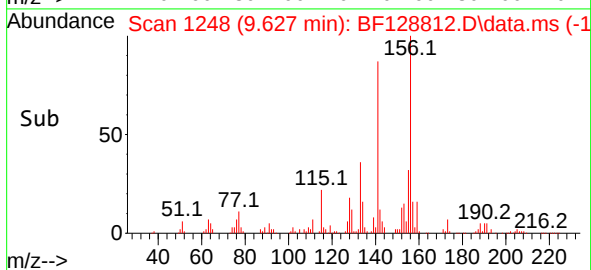
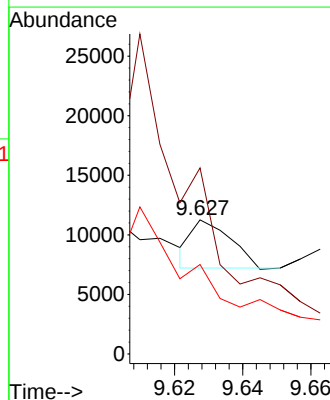
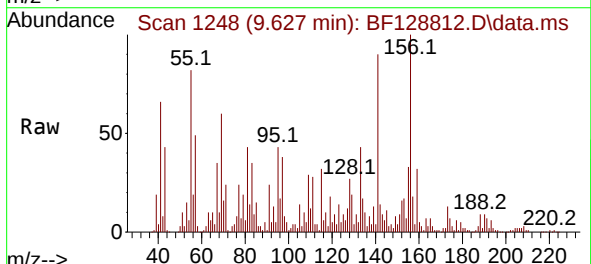
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BNA_F
ClientSampleId :
WC-14A-1A-5

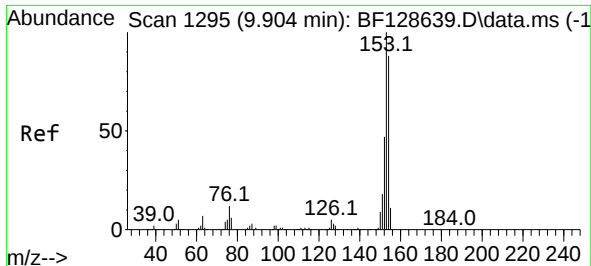
Tgt Ion:163 Resp: 18419
Ion Ratio Lower Upper
163 100
194 65.3 3.2 4.8#
164 41.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 2.433 ng
RT: 9.627 min Scan# 1248
Delta R.T. 0.012 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion:165 Resp: 3143
Ion Ratio Lower Upper
165 100
63 138.8 44.9 67.3#
89 66.7 43.6 65.4#

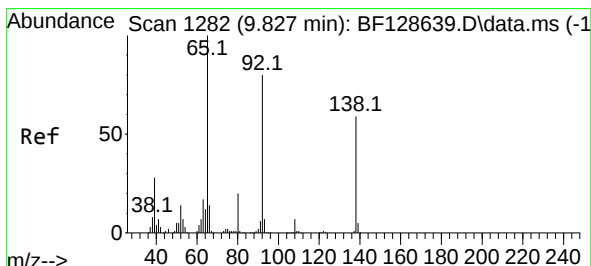
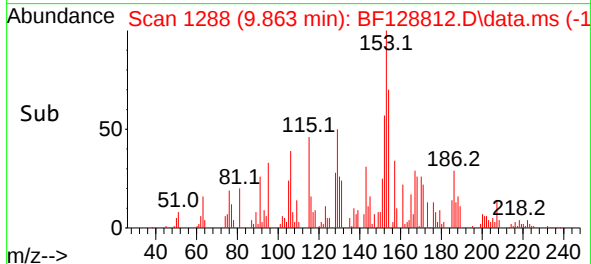
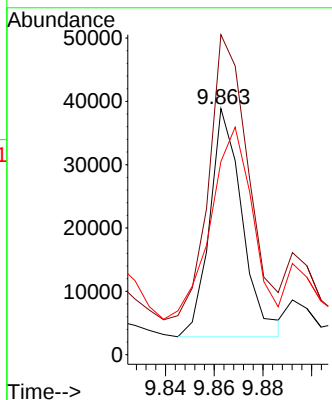
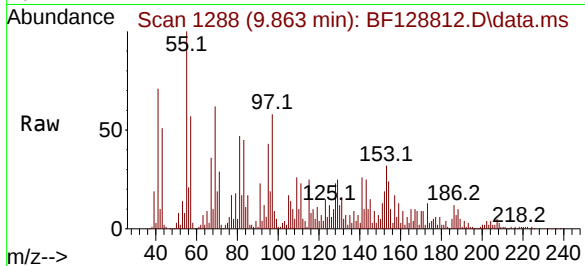




#52
Acenaphthene
Concen: 6.139 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

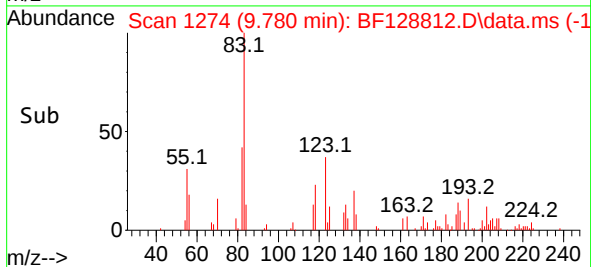
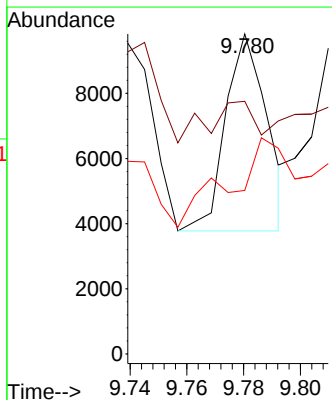
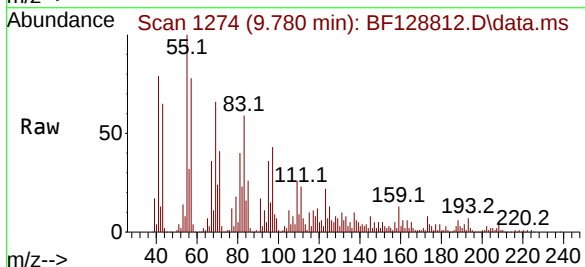
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

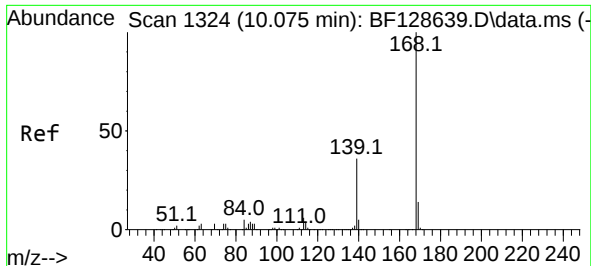
Tgt Ion:154 Resp: 33504
Ion Ratio Lower Upper
154 100
153 130.1 89.6 134.4
152 78.5 42.4 63.6#



#53
3-Nitroaniline
Concen: 4.358 ng
RT: 9.780 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion:138 Resp: 6110
Ion Ratio Lower Upper
138 100
108 78.9 10.9 16.3#
92 51.1 98.2 147.2#

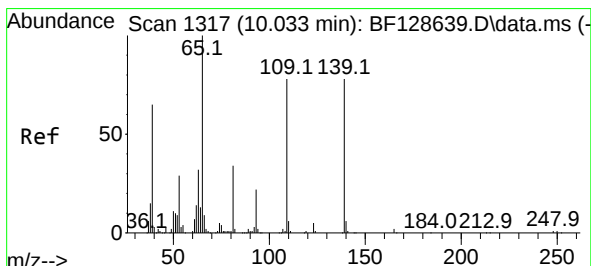
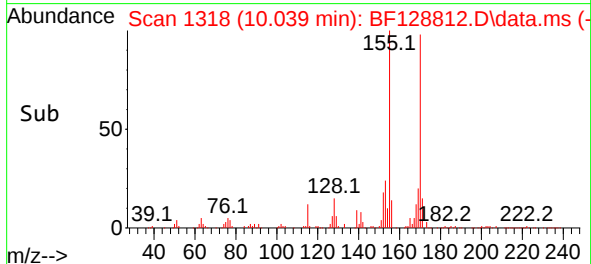
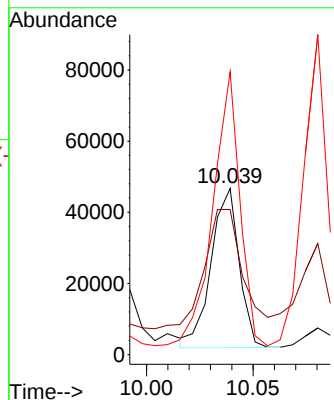
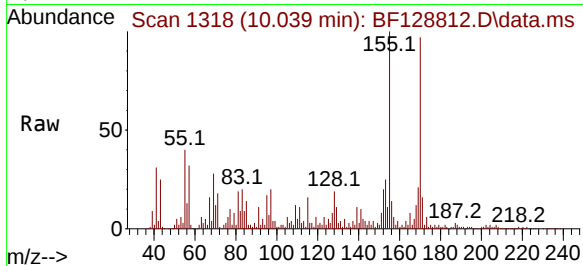




#55
Dibenzofuran
Concen: 5.202 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

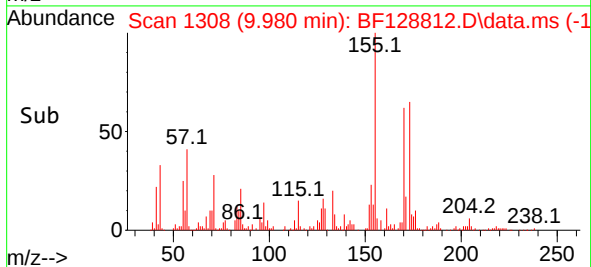
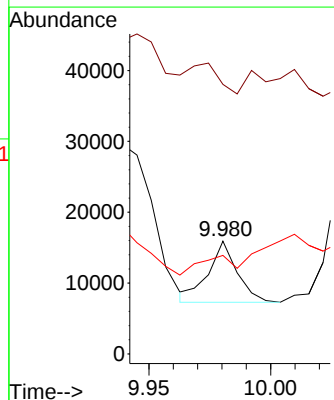
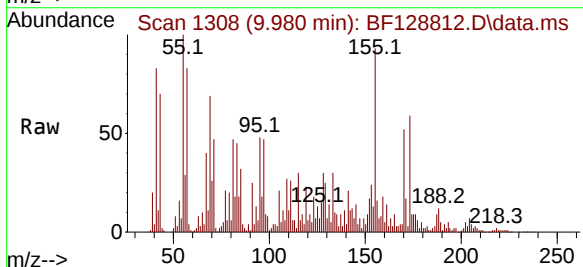
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

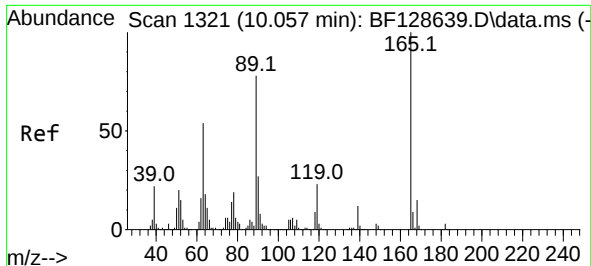
Tgt Ion:168 Resp: 40805
Ion Ratio Lower Upper
168 100
139 87.4 30.6 46.0#
169 170.2 11.0 16.6#



#56
4-Nitrophenol
Concen: 7.046 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion:139 Resp: 7160
Ion Ratio Lower Upper
139 100
109 238.9 50.7 90.7#
65 87.4 74.5 114.5

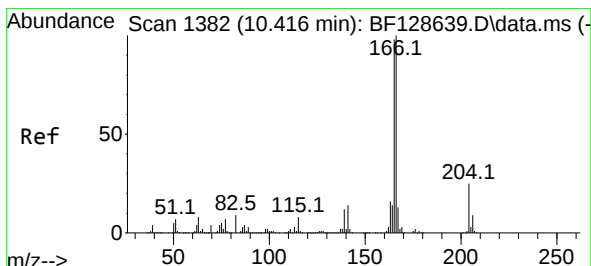
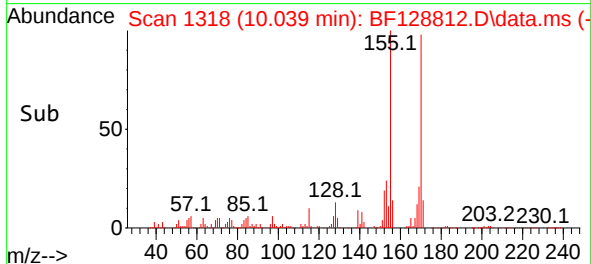
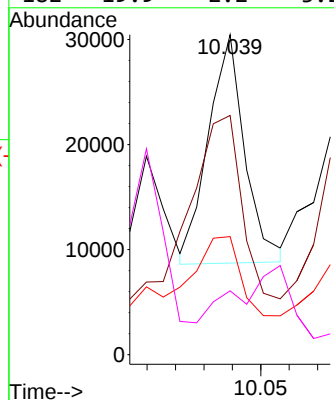
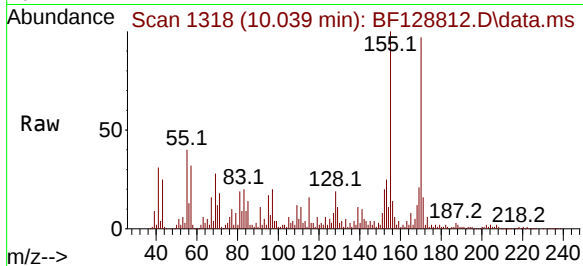




#57
2,4-Dinitrotoluene
Concen: 11.231 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.018 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

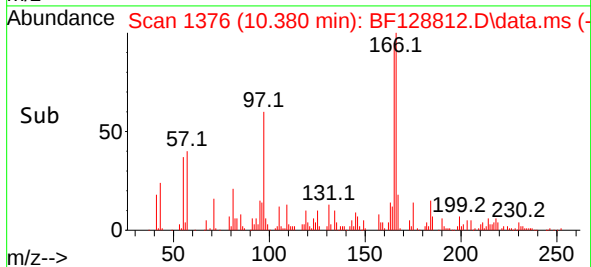
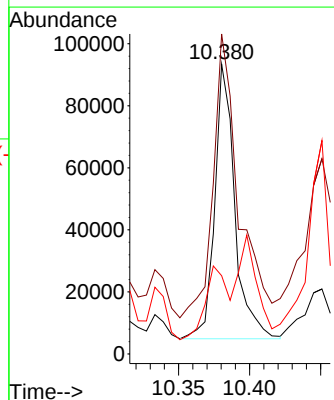
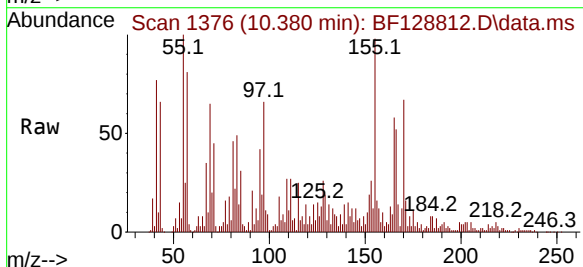
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

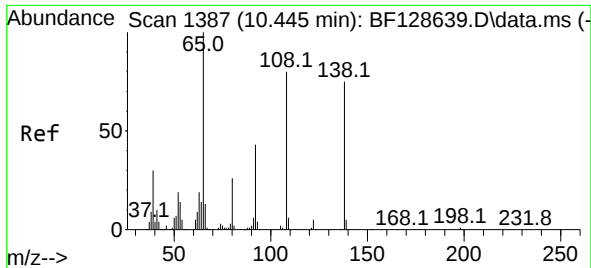
Tgt Ion:165 Resp: 19361
Ion Ratio Lower Upper
165 100
63 74.8 39.8 59.6#
89 36.9 60.2 90.2#
182 19.9 2.2 3.2#



#58
Fluorene
Concen: 14.265 ng
RT: 10.380 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion:166 Resp: 86774
Ion Ratio Lower Upper
166 100
165 110.4 78.1 117.1
167 27.0 10.5 15.7#

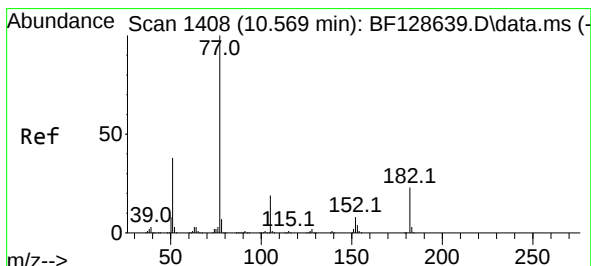
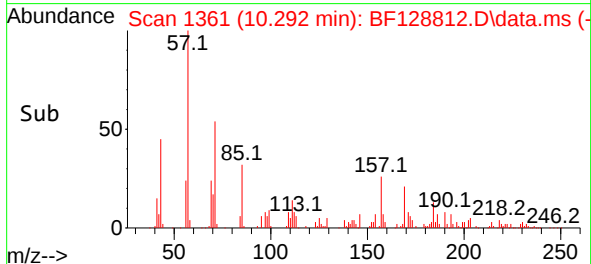
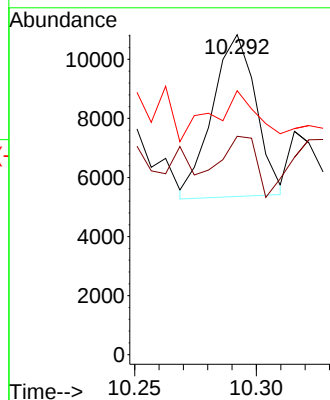
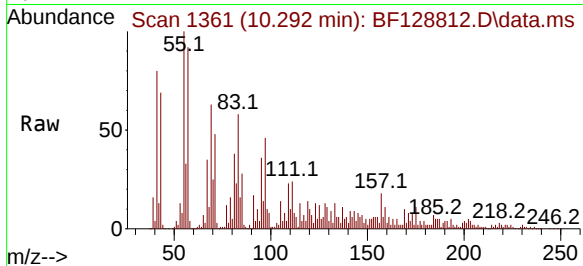




#62
4-Nitroaniline
Concen: 4.812 ng
RT: 10.292 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

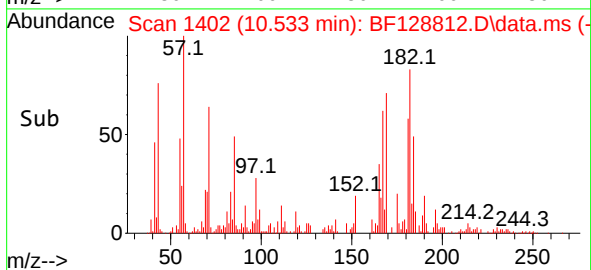
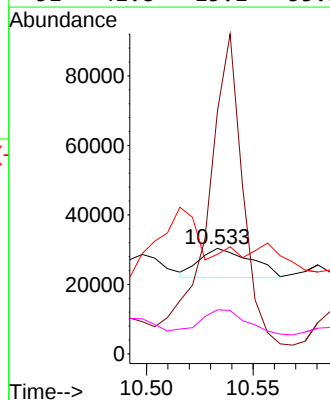
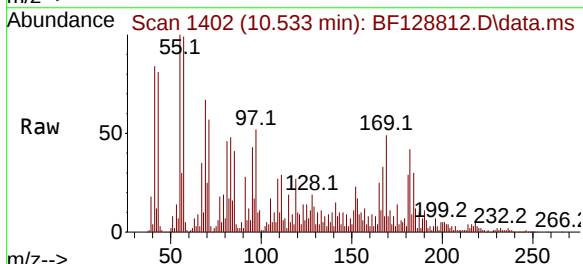
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

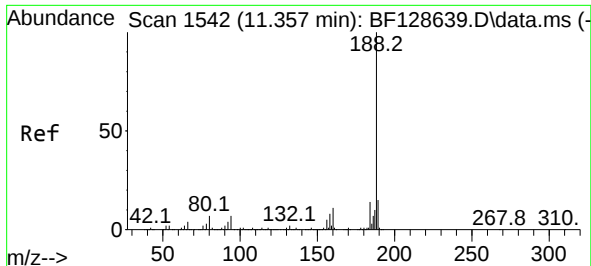
Tgt Ion:138 Resp: 6830
Ion Ratio Lower Upper
138 100
92 68.3 33.5 73.5
108 82.5 61.0 101.0



#63
Azobenzene
Concen: 2.161 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion: 77 Resp: 13995
Ion Ratio Lower Upper
77 100
182 230.1 5.6 45.6#
105 94.4 1.6 41.6#
51 41.8 15.1 55.1

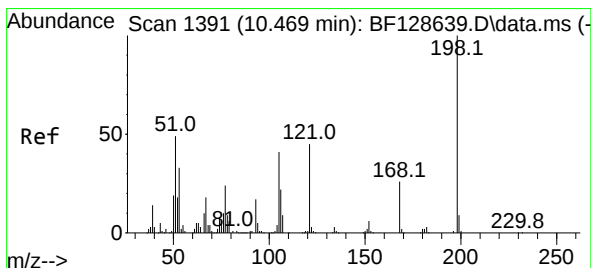
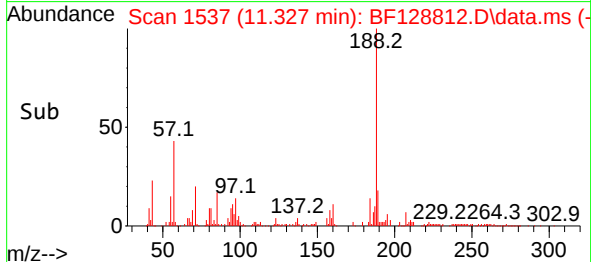
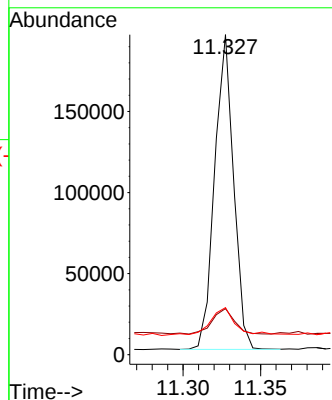
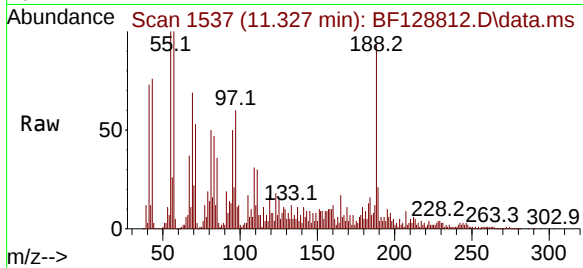




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

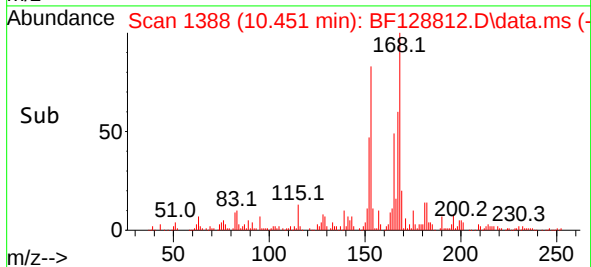
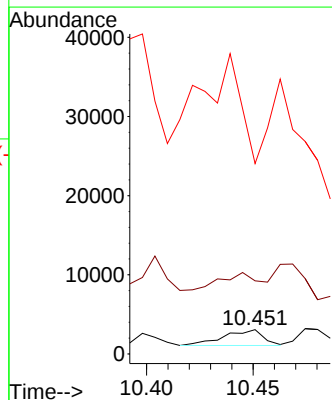
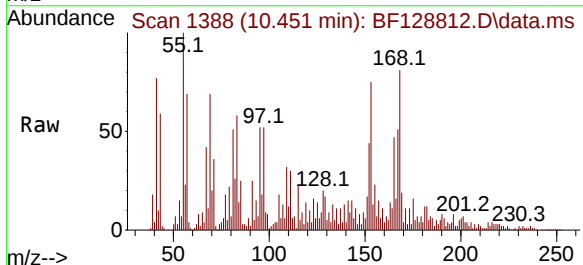
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

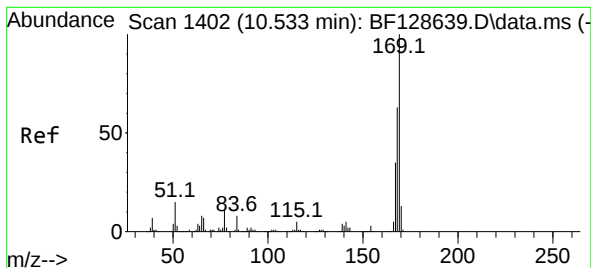
Tgt Ion:188 Resp: 164418
Ion Ratio Lower Upper
188 100
94 14.4 7.0 10.6#
80 14.7 7.6 11.4#



#65
4,6-Dinitro-2-methylphenol
Concen: 2.694 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.018 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion:198 Resp: 2614
Ion Ratio Lower Upper
198 100
51 299.6 37.6 77.6#
105 781.3 27.0 67.0#

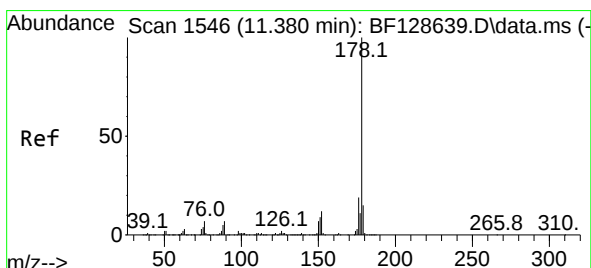
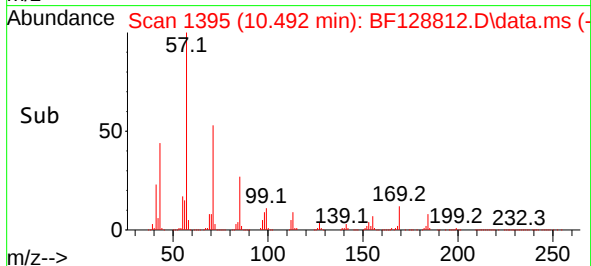
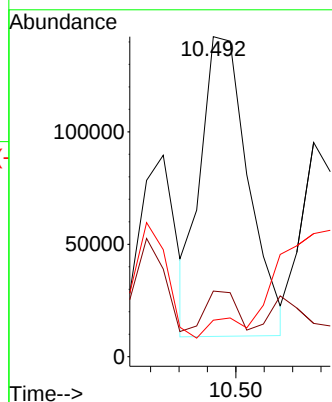
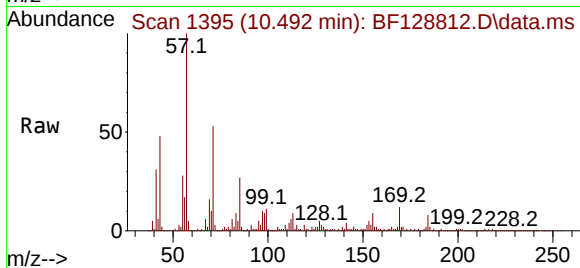




#66
n-Nitrosodiphenylamine
Concen: 30.824 ng
RT: 10.492 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

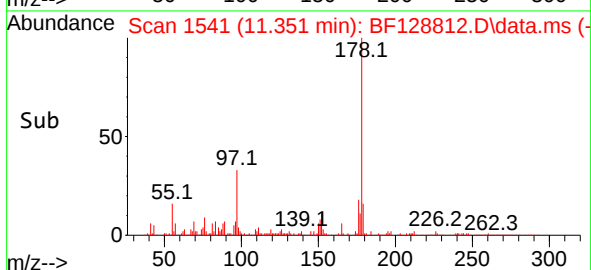
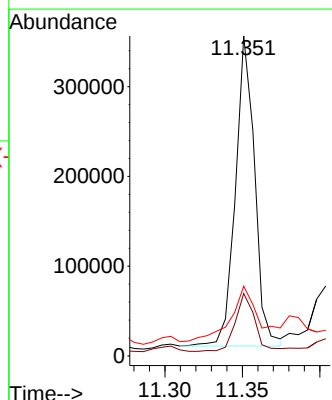
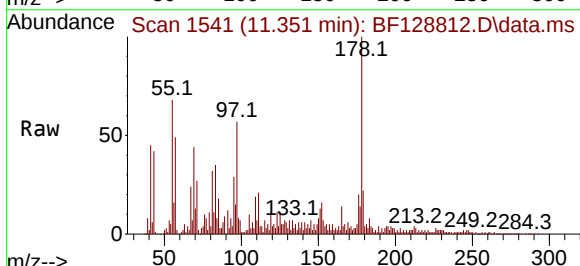
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

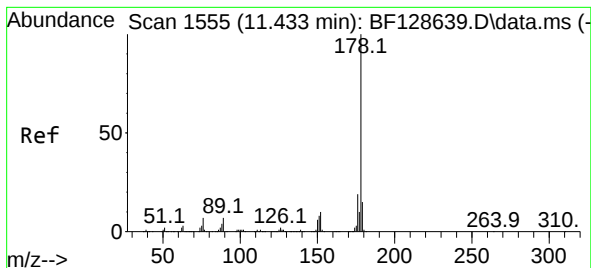
Tgt Ion:169 Resp: 155771
Ion Ratio Lower Upper
169 100
168 20.5 50.1 75.1#
167 11.4 27.9 41.9#



#71
Phenanthrene
Concen: 36.175 ng
RT: 11.351 min Scan# 1541
Delta R.T. 0.012 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion:178 Resp: 298327
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 21.8 12.6 19.0#





#72

Anthracene

Concen: 7.535 ng

RT: 11.404 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF128812.D

Acq: 14 Jun 2022 21:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-5

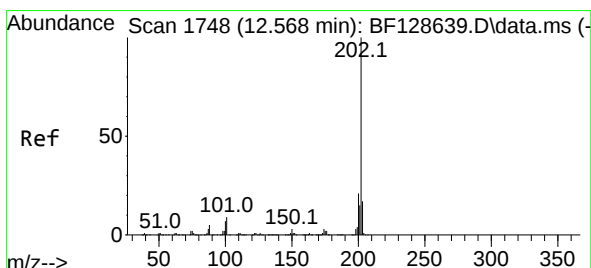
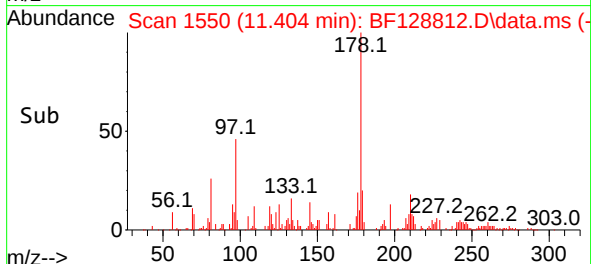
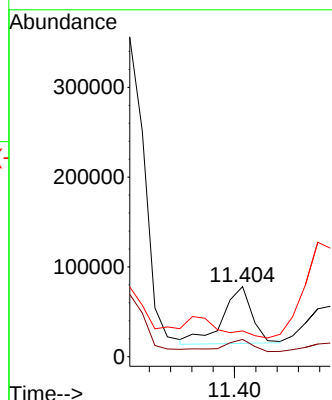
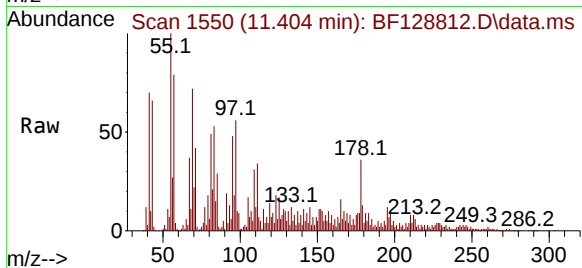
Tgt Ion:178 Resp: 61503

Ion Ratio Lower Upper

178 100

176 24.7 15.4 23.2#

179 36.8 12.6 19.0#



#75

Fluoranthene

Concen: 25.912 ng

RT: 12.786 min Scan# 1785

Delta R.T. 0.259 min

Lab File: BF128812.D

Acq: 14 Jun 2022 21:14

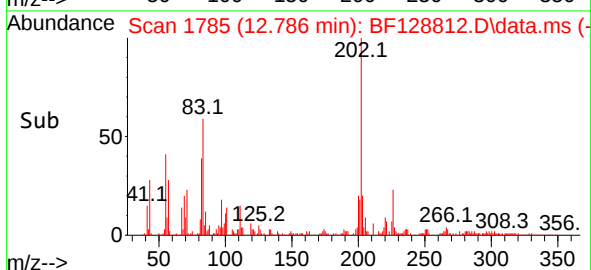
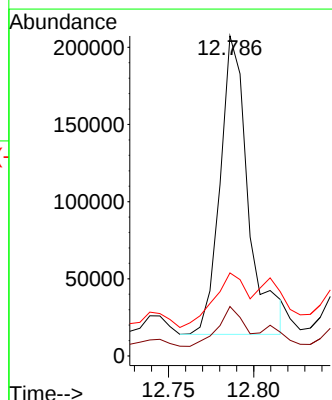
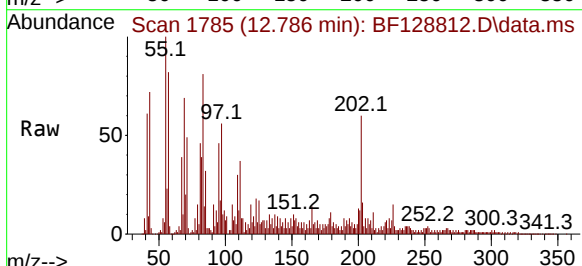
Tgt Ion:202 Resp: 223374

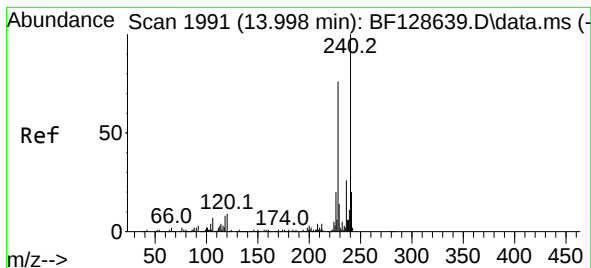
Ion Ratio Lower Upper

202 100

101 15.5 0.0 31.4

203 26.0 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. 0.041 min

Lab File: BF128812.D

Acq: 14 Jun 2022 21:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-5

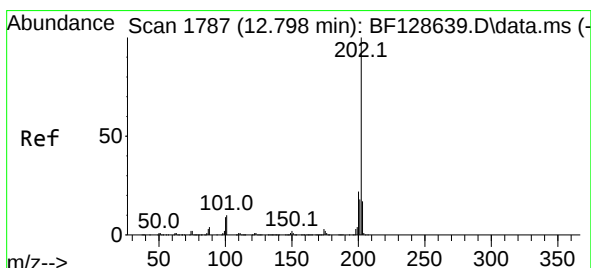
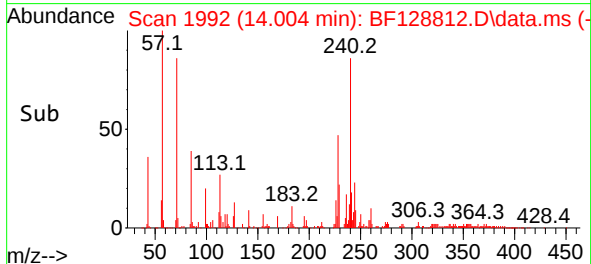
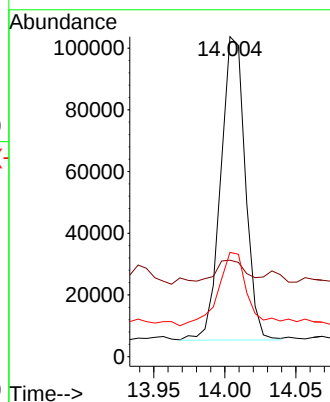
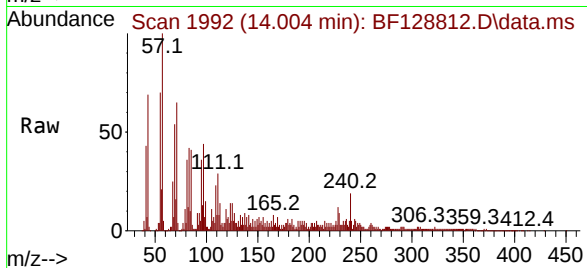
Tgt Ion:240 Resp: 117769

Ion Ratio Lower Upper

240 100

120 30.1 8.9 13.3#

236 32.6 20.8 31.2#



#78

Pyrene

Concen: 26.031 ng

RT: 12.786 min Scan# 1785

Delta R.T. 0.029 min

Lab File: BF128812.D

Acq: 14 Jun 2022 21:14

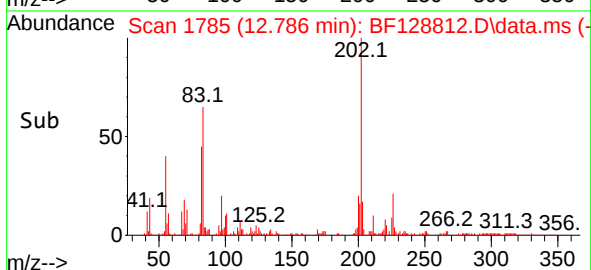
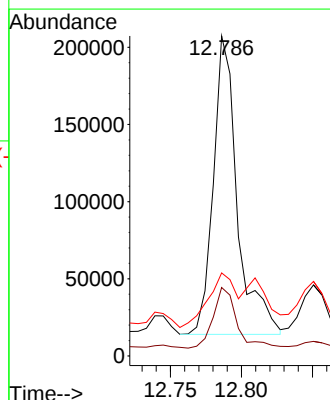
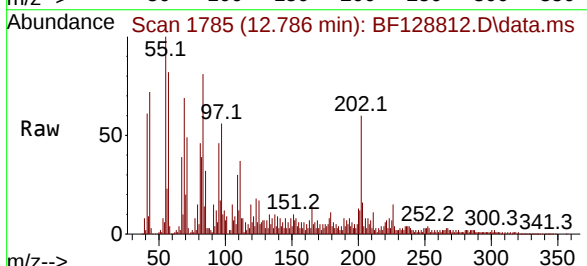
Tgt Ion:202 Resp: 228080

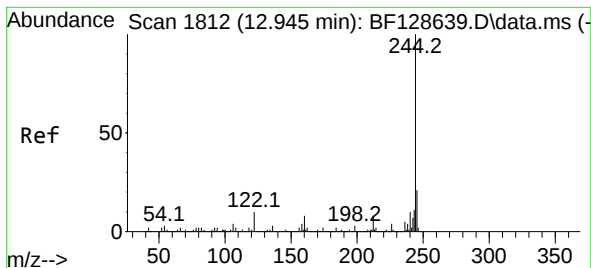
Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

203 26.0 14.6 21.8#





#79

Terphenyl-d14

Concen: 63.811 ng

RT: 12.933 min Scan# 1810

Delta R.T. 0.029 min

Lab File: BF128812.D

Acq: 14 Jun 2022 21:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-5

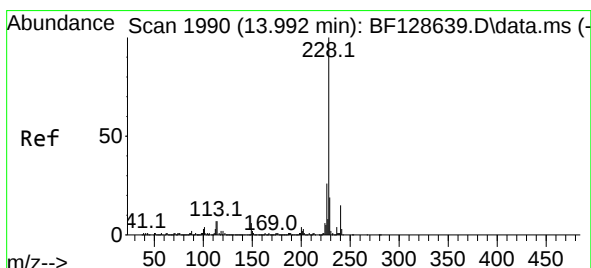
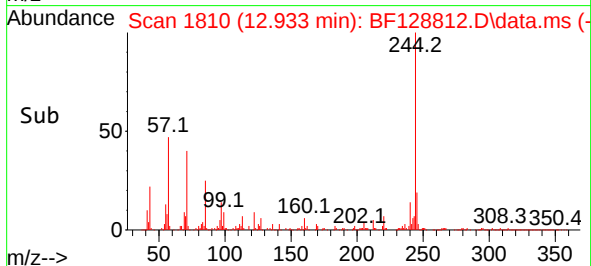
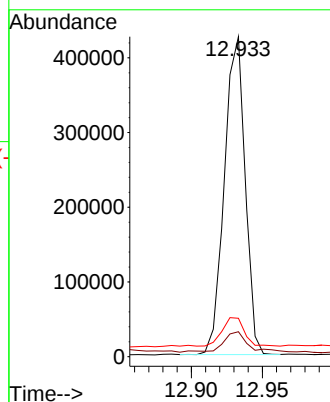
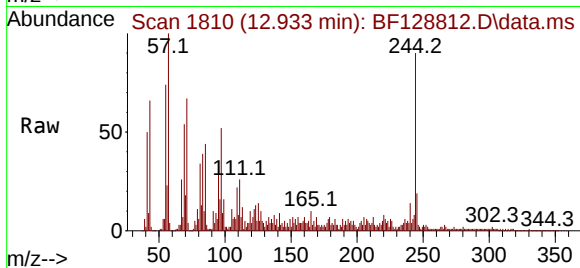
Tgt Ion:244 Resp: 432483

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 12.0 8.8 13.2



#81

Benzo(a)anthracene

Concen: 14.103 ng

RT: 13.998 min Scan# 1991

Delta R.T. 0.047 min

Lab File: BF128812.D

Acq: 14 Jun 2022 21:14

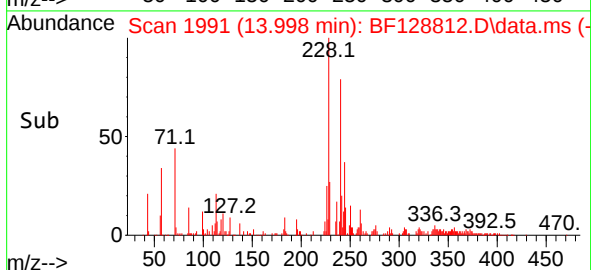
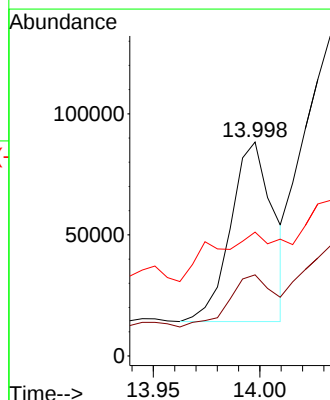
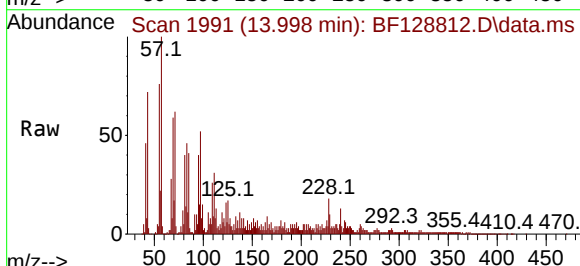
Tgt Ion:228 Resp: 103526

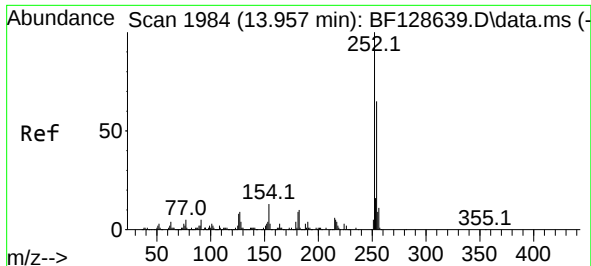
Ion Ratio Lower Upper

228 100

226 38.0 22.1 33.1#

229 57.9 15.8 23.8#

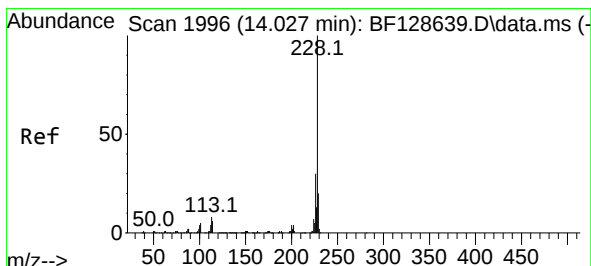
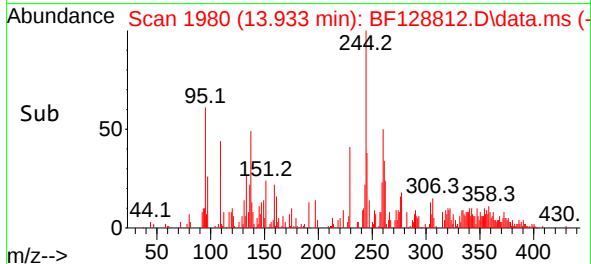
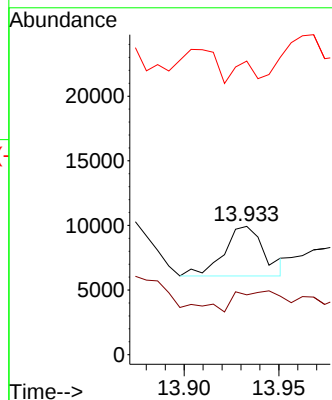
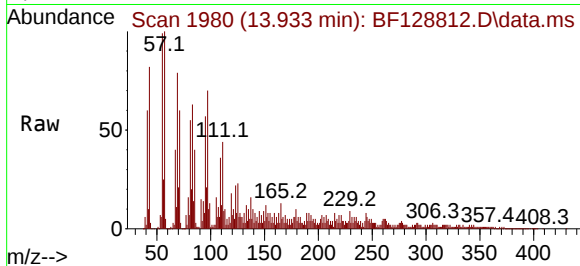




#82
 3,3'-Dichlorobenzidine
 Concen: 3.609 ng
 RT: 13.933 min Scan# 1984
 Delta R.T. 0.017 min
 Lab File: BF128812.D
 Acq: 14 Jun 2022 21:14

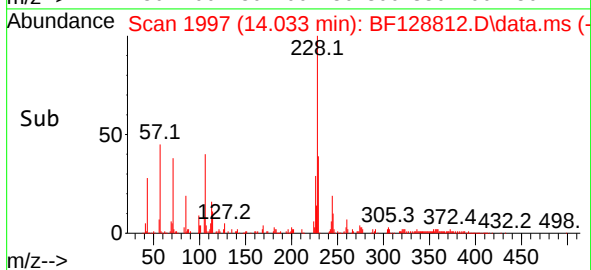
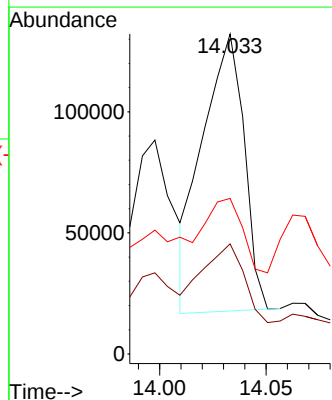
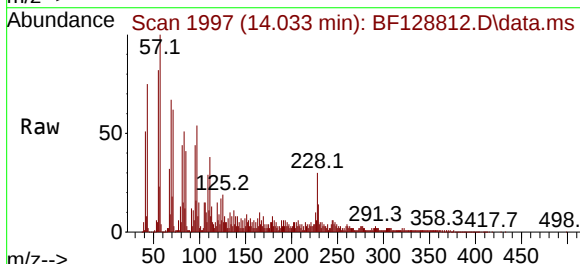
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-5

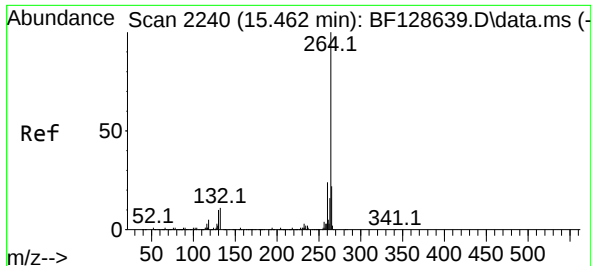
Tgt Ion:252 Resp: 5668
 Ion Ratio Lower Upper
 252 100
 254 46.6 50.2 75.4#
 126 228.7 8.2 12.4#



#83
 Chrysene
 Concen: 22.210 ng
 RT: 14.033 min Scan# 1997
 Delta R.T. 0.041 min
 Lab File: BF128812.D
 Acq: 14 Jun 2022 21:14

Tgt Ion:228 Resp: 155439
 Ion Ratio Lower Upper
 228 100
 226 34.4 24.3 36.5
 229 48.6 15.9 23.9#

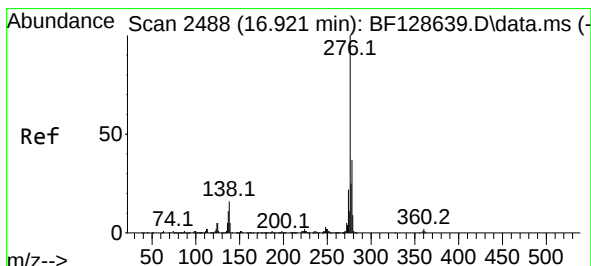
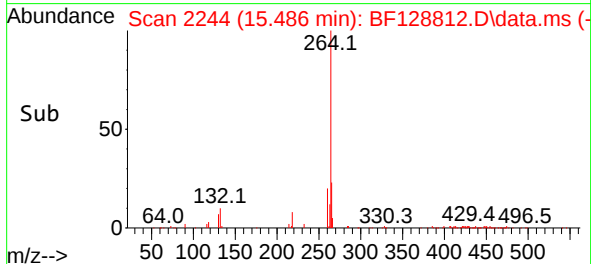
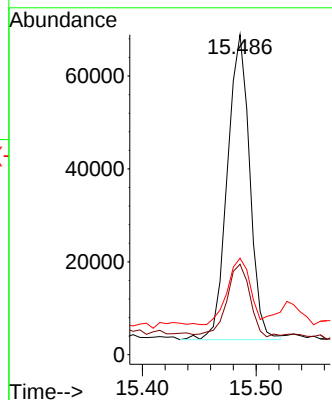
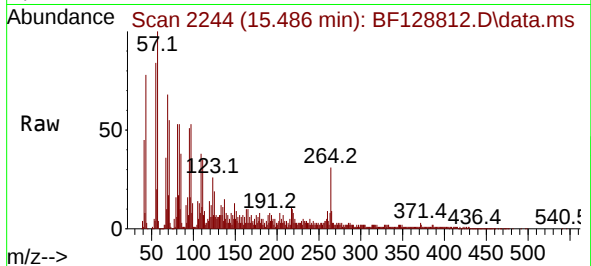




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.070 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

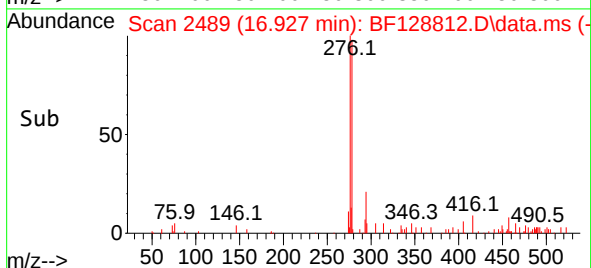
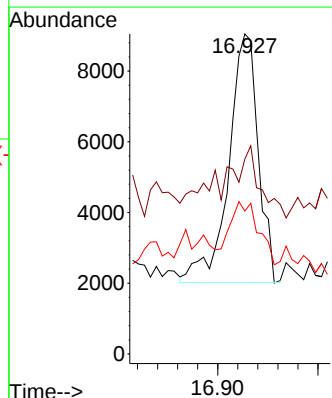
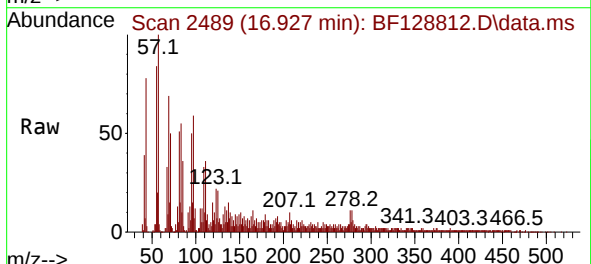
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-5

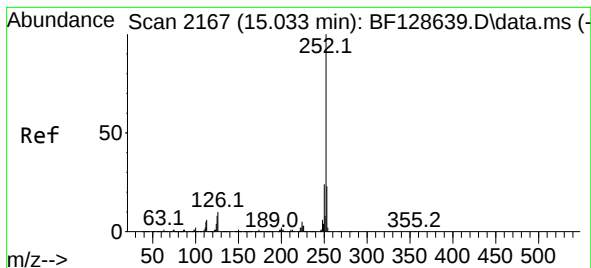
Tgt Ion:264 Resp: 89362
Ion Ratio Lower Upper
264 100
260 28.3 18.4 27.6#
265 30.2 17.2 25.8#



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.672 ng
RT: 16.927 min Scan# 2489
Delta R.T. 0.065 min
Lab File: BF128812.D
Acq: 14 Jun 2022 21:14

Tgt Ion:276 Resp: 14392
Ion Ratio Lower Upper
276 100
138 29.0 21.1 31.7
277 24.4 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 7.738 ng

RT: 15.057 min Scan# 2167

Delta R.T. 0.065 min

Lab File: BF128812.D

Acq: 14 Jun 2022 21:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-5

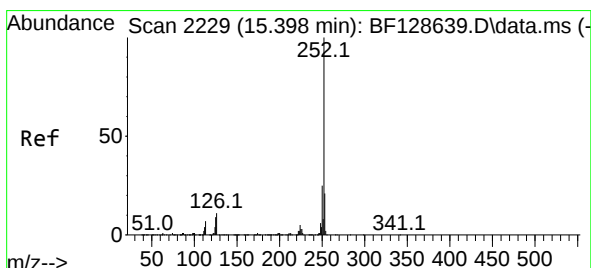
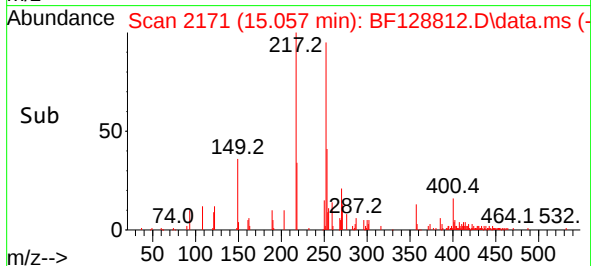
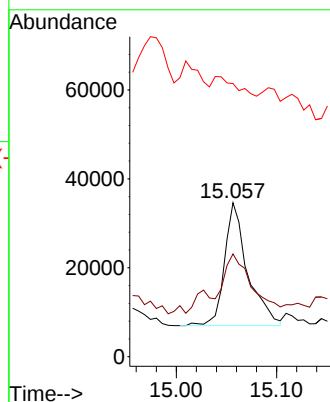
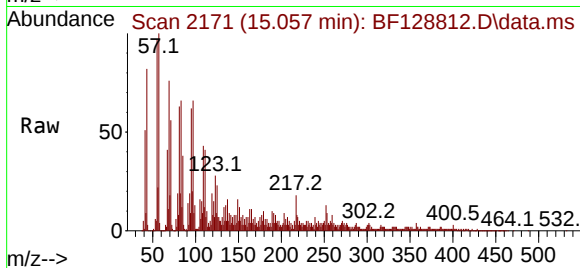
Tgt Ion:252 Resp: 44185

Ion Ratio Lower Upper

252 100

253 66.8 17.7 26.5#

125 177.5 8.0 12.0#



#90

Benzo(a)pyrene

Concen: 9.745 ng

RT: 15.421 min Scan# 2233

Delta R.T. 0.065 min

Lab File: BF128812.D

Acq: 14 Jun 2022 21:14

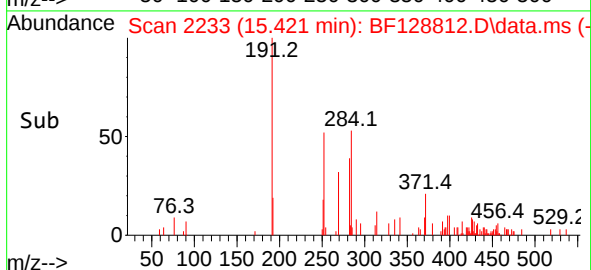
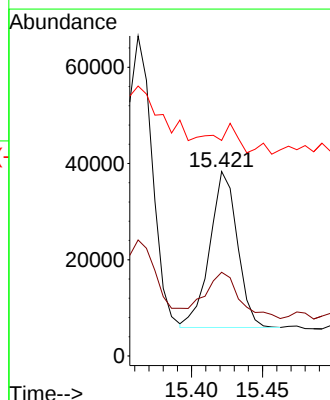
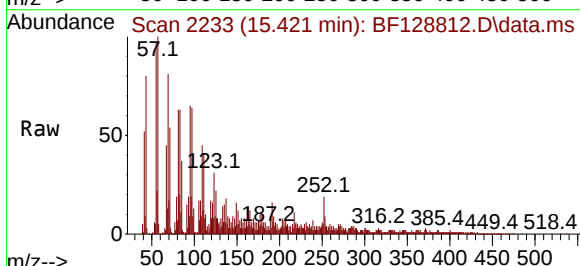
Tgt Ion:252 Resp: 43733

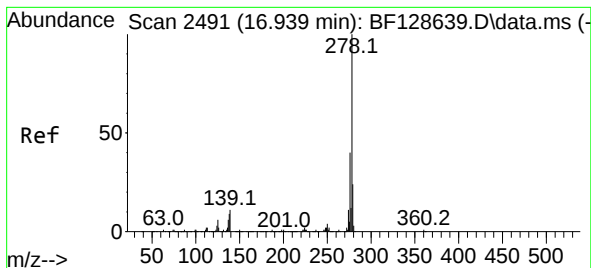
Ion Ratio Lower Upper

252 100

253 45.4 17.0 25.6#

125 116.8 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 3.291 ng

RT: 16.927 min Scan# 2491

Delta R.T. 0.053 min

Lab File: BF128812.D

Acq: 14 Jun 2022 21:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-5

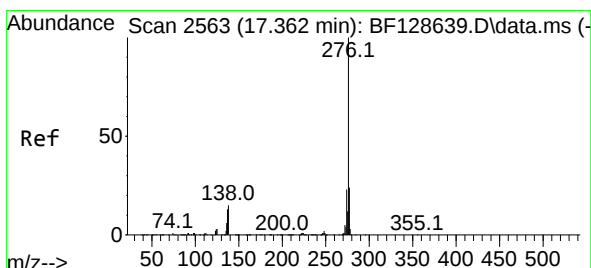
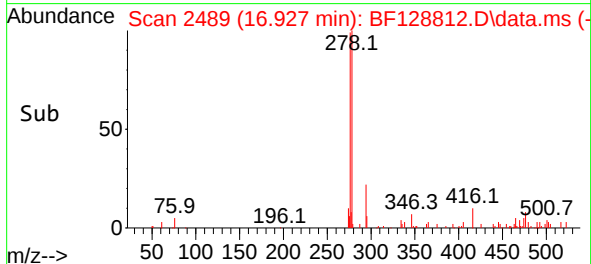
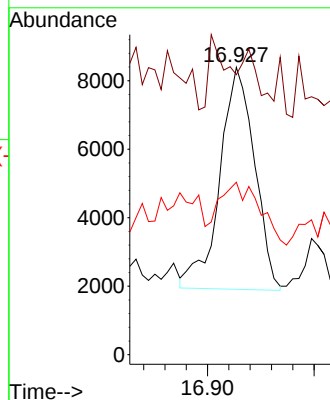
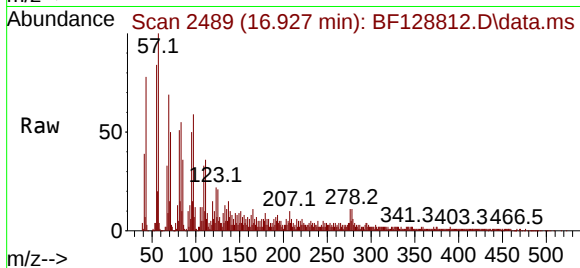
Tgt Ion:278 Resp: 14703

Ion Ratio Lower Upper

278 100

139 97.4 12.8 19.2#

279 60.0 18.6 28.0#



#92

Benzo(g,h,i)perylene

Concen: 7.121 ng

RT: 17.362 min Scan# 2563

Delta R.T. 0.065 min

Lab File: BF128812.D

Acq: 14 Jun 2022 21:14

Tgt Ion:276 Resp: 31529

Ion Ratio Lower Upper

276 100

277 35.6 19.1 28.7#

138 33.9 18.0 27.0#

