

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128967.D
 Acq On : 23 Jun 2022 22:33
 Operator : CG\JU
 Sample : N3461-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-4

Quant Time: Jun 24 04:35:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	83544	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	266878	20.000	ng	# 0.00
39) Acenaphthene-d10	9.769	164	125187	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	192984	20.000	ng	0.00
76) Chrysene-d12	13.904	240	180432	20.000	ng	0.00
86) Perylene-d12	15.351	264	185254	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	305905	58.323	ng	0.00
7) Phenol-d6	6.381	99	365123	57.029	ng	0.00
23) Nitrobenzene-d5	7.292	82	267531	46.673	ng	-0.01
42) 2,4,6-Tribromophenol	10.563	330	62622	42.337	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	392940	43.969	ng	0.00
79) Terphenyl-d14	12.845	244	349754	33.683	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.081	42	7565	2.109	ng	# 1
9) Benzaldehyde	6.251	77	20069	5.145	ng	# 25
15) Benzyl Alcohol	6.875	79	12008	2.242	ng	# 46
18) Hexachloroethane	7.263	117	82582	35.423	ng	# 1
19) n-Nitroso-di-n-propyla...	7.151	70	42118	10.580	ng	# 68
24) Nitrobenzene	7.304	77	23821	4.527	ng	# 49
25) Isophorone	7.539	82	89537	10.285	ng	# 1
26) 2-Nitrophenol	7.634	139	14613	6.302	ng	# 1
27) 2,4-Dimethylphenol	7.663	122	12271	3.474	ng	# 1
29) 2,4-Dichlorophenol	7.922	162	8448	2.067	ng	# 1
35) Caprolactam	8.481	113	12267	10.852	ng	# 1
43) 2,4,6-Trichlorophenol	9.004	196	7701	2.929	ng	# 13
47) 2-Chloronaphthalene	9.469	162	15219	2.123	ng	# 94
51) 2,6-Dinitrotoluene	9.563	165	4441	2.626	ng	# 73
52) Acenaphthene	9.804	154	28435	3.979	ng	# 87
53) 3-Nitroaniline	9.751	138	4508	2.456	ng	# 37
56) 4-Nitrophenol	9.922	139	3396	2.552	ng	# 1
57) 2,4-Dinitrotoluene	9.975	165	10825	4.796	ng	# 62
58) Fluorene	10.316	166	42970	5.395	ng	# 74
62) 4-Nitroaniline	10.227	138	4087	2.199	ng	# 93
66) n-Nitrosodiphenylamine	10.427	169	87126	14.688	ng	# 49
71) Phenanthrene	11.280	178	219126	22.638	ng	# 96
72) Anthracene	11.280	178	219126	22.871	ng	# 97
75) Fluoranthene	12.474	202	154127	15.233	ng	# 96
78) Pyrene	12.704	202	281711	20.986	ng	# 99
81) Benzo(a)anthracene	13.898	228	297176	26.423	ng	# 92
83) Chrysene	13.933	228	361559	33.719	ng	# 92
87) Indeno(1,2,3-cd)pyrene	16.762	276	51758	4.635	ng	# 97
88) Benzo(b)fluoranthene	14.933	252	187201	15.814	ng	# 88
89) Benzo(k)fluoranthene	14.933	252	187201	16.811	ng	# 88
90) Benzo(a)pyrene	15.292	252	161509	17.359	ng	# 90
91) Dibenzo(a,h)anthracene	16.762	278	44961	4.855	ng	# 71
92) Benzo(g,h,i)perylene	17.192	276	71180	7.754	ng	# 93

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

Instrument :

BNA_F

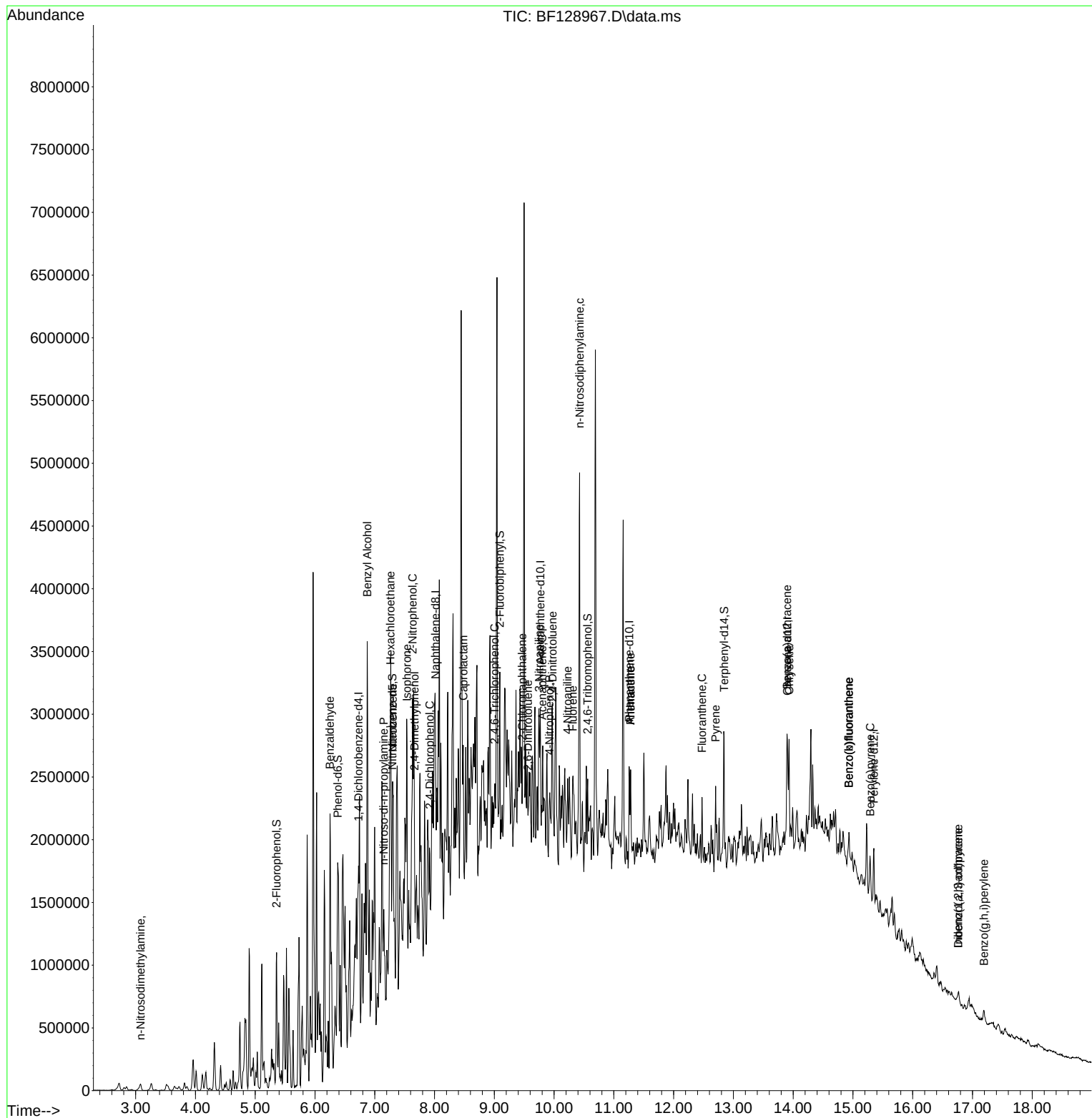
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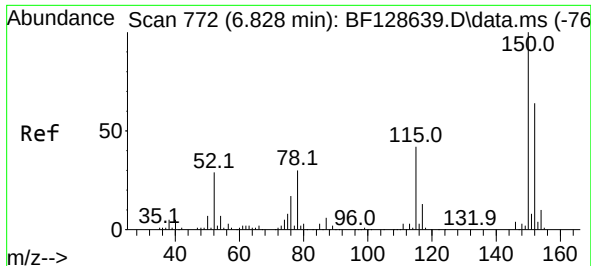
WC-14B-2-4

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Data File : BF128967.D
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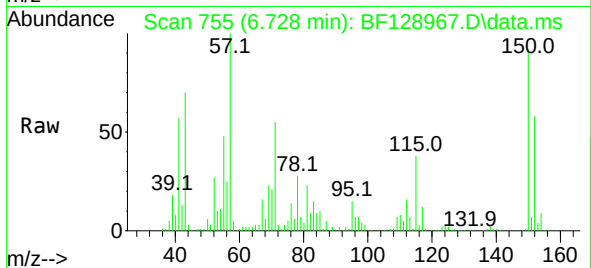
Quant Time: Jun 24 04:35:58 2022
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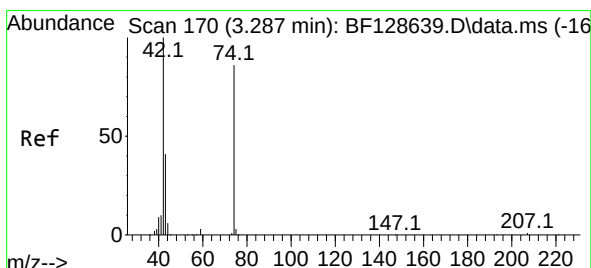
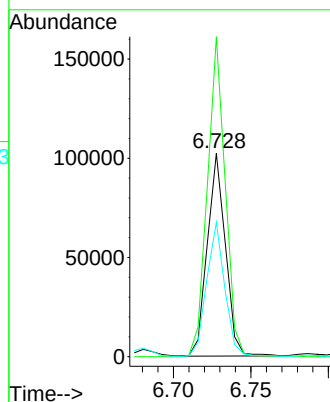
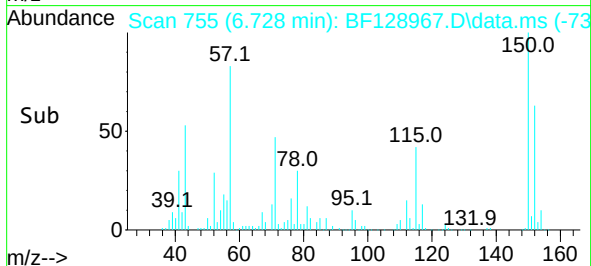


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

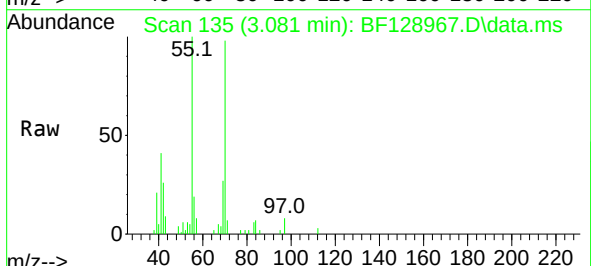
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BNA_F
ClientSampleId :
WC-14B-2-4



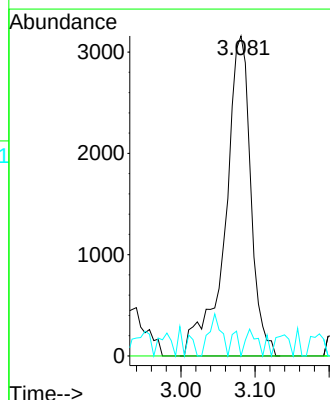
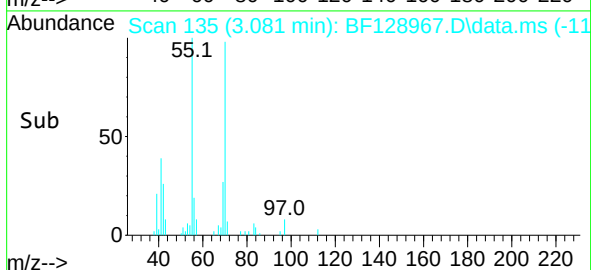
Tgt Ion:152 Resp: 83544
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 66.0 49.9 74.9

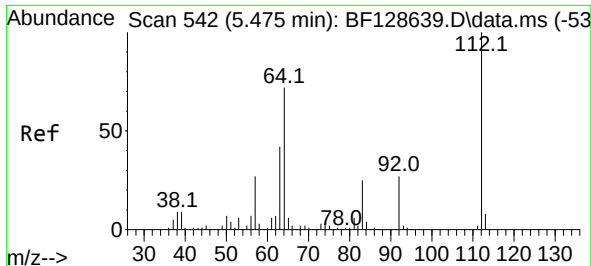


#4
n-Nitrosodimethylamine
Concen: 2.109 ng
RT: 3.081 min Scan# 135
Delta R.T. -0.000 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33



Tgt Ion: 42 Resp: 7565
Ion Ratio Lower Upper
42 100
74 0.0 94.8 142.2#
44 0.0 6.6 10.0#

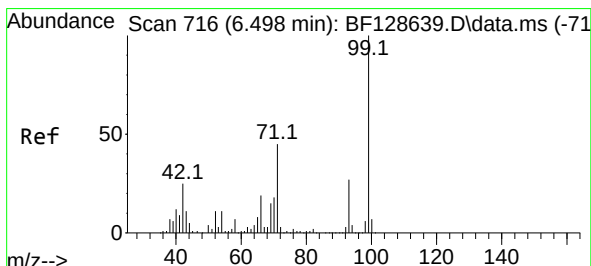
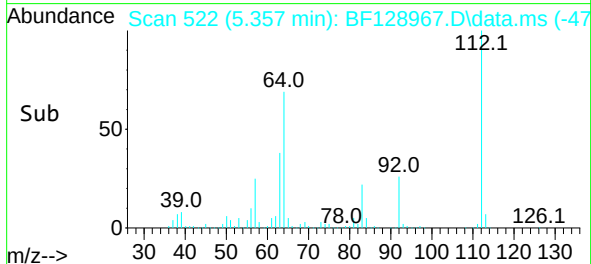
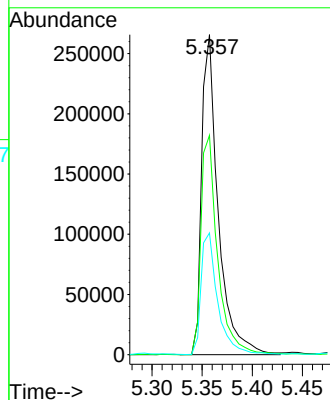
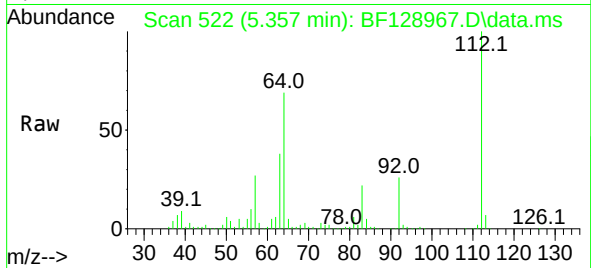




#5
2-Fluorophenol
Concen: 58.323 ng
RT: 5.357 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

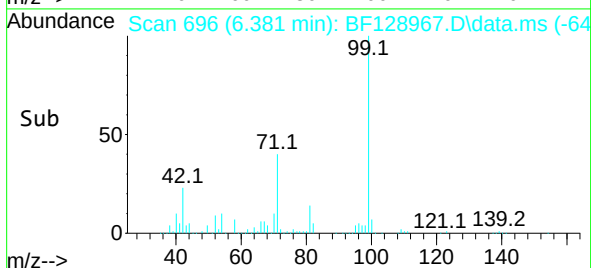
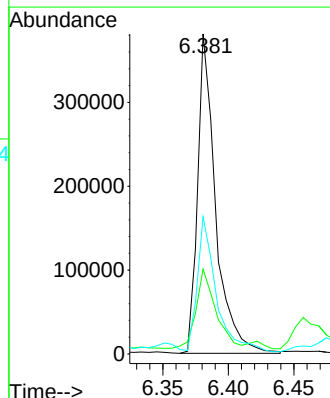
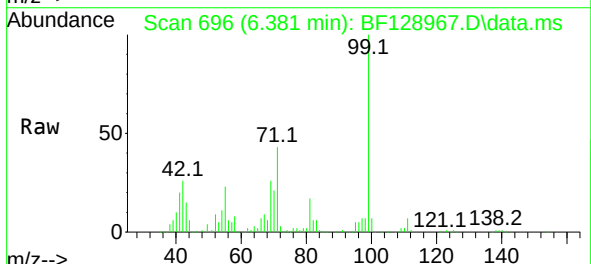
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

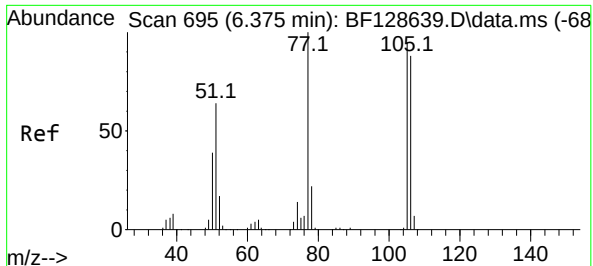
Tgt Ion:112 Resp: 305905
Ion Ratio Lower Upper
112 100
64 68.6 53.3 79.9
63 38.1 28.0 42.0



#7
Phenol-d6
Concen: 57.029 ng
RT: 6.381 min Scan# 696
Delta R.T. -0.006 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

Tgt Ion: 99 Resp: 365123
Ion Ratio Lower Upper
99 100
42 26.5 17.3 25.9#
71 42.8 28.9 43.3

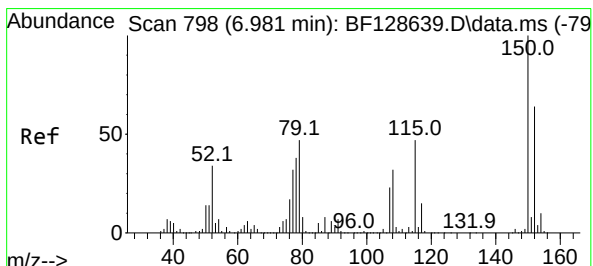
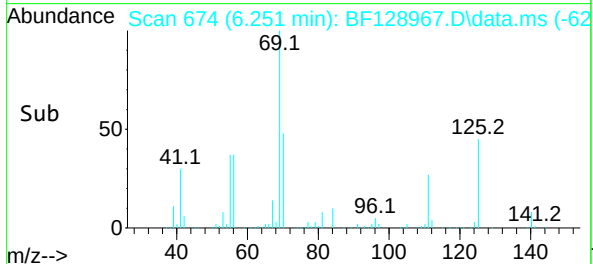
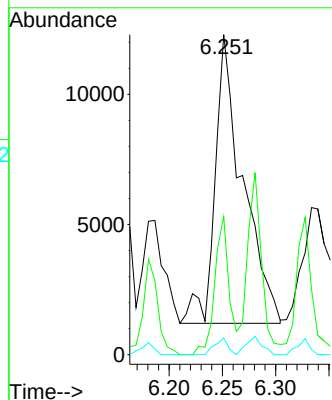
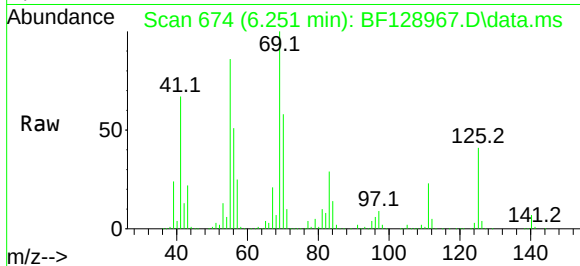




#9
Benzaldehyde
Concen: 5.145 ng
RT: 6.251 min Scan# 61
Delta R.T. -0.030 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

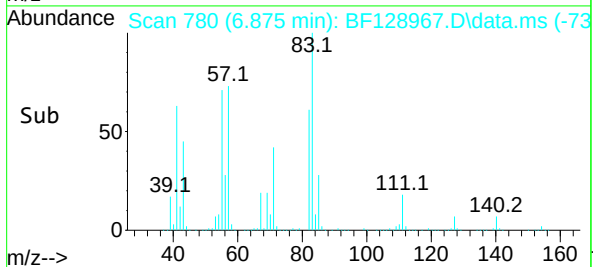
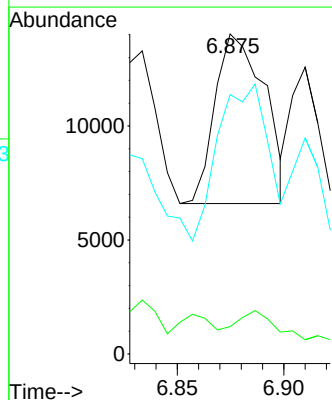
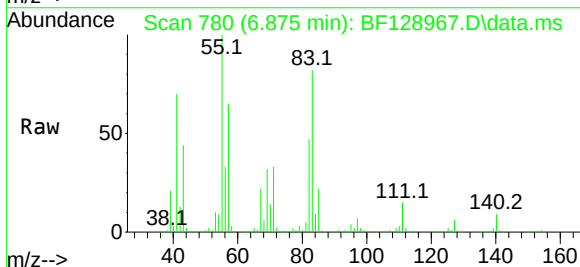
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

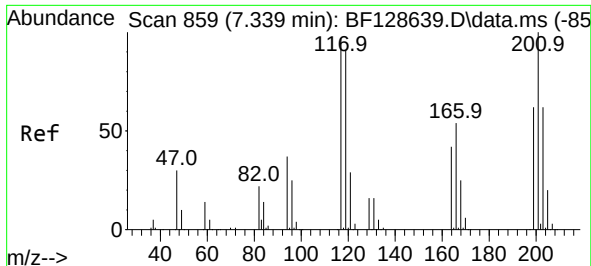
Tgt Ion: 77 Resp: 20069
Ion Ratio Lower Upper
77 100
105 43.2 81.6 121.6#
106 5.2 76.1 116.1#



#15
Benzyl Alcohol
Concen: 2.242 ng
RT: 6.875 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

Tgt Ion: 79 Resp: 12008
Ion Ratio Lower Upper
79 100
108 8.5 61.8 92.6#
77 81.1 50.2 75.4#

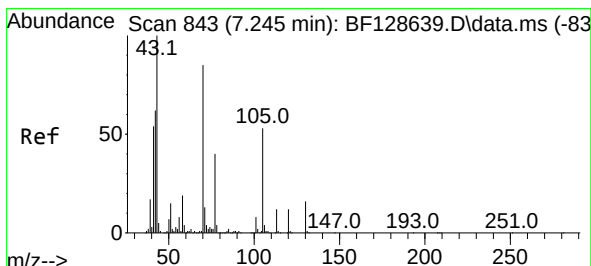
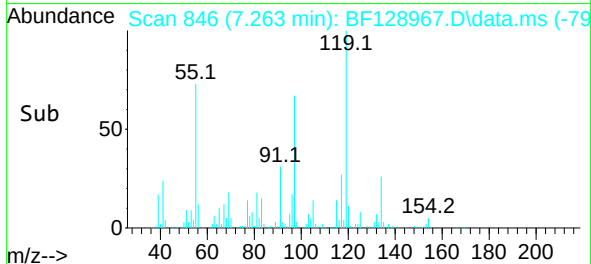
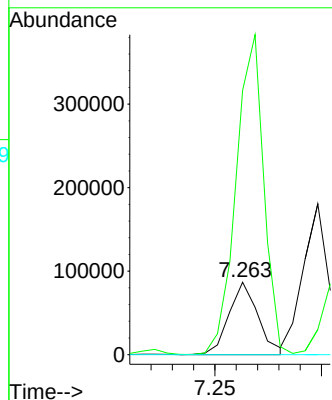
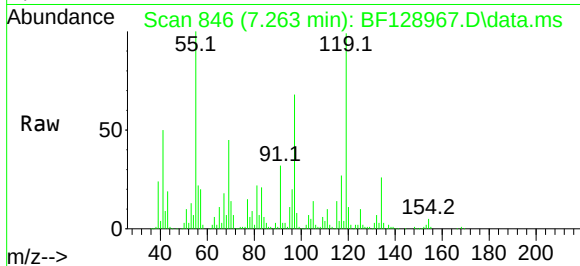




#18
Hexachloroethane
Concen: 35.423 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.029 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

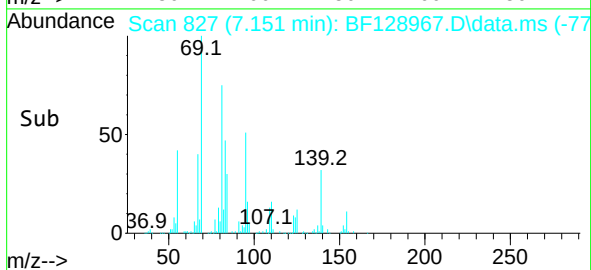
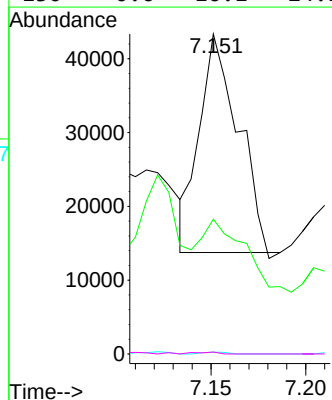
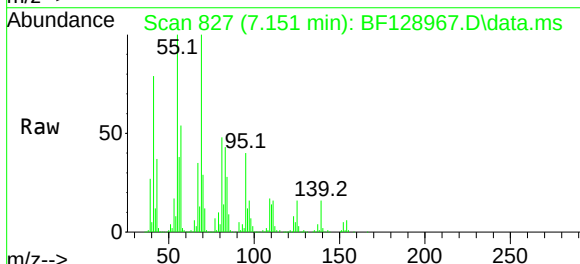
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

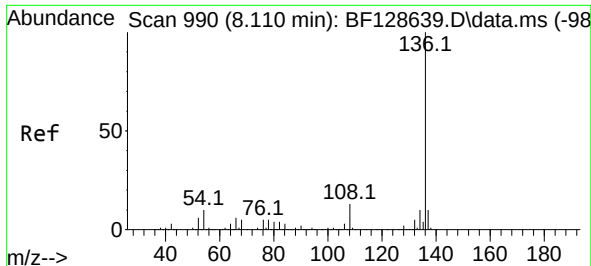
Tgt Ion:117 Resp: 82582
Ion Ratio Lower Upper
117 100
119 364.5 77.4 116.2#
201 0.0 84.6 127.0#



#19
n-Nitroso-di-n-propylamine
Concen: 10.580 ng
RT: 7.151 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

Tgt Ion: 70 Resp: 42118
Ion Ratio Lower Upper
70 100
42 42.1 52.3 78.5#
101 0.5 7.5 11.3#
130 0.6 16.1 24.1#

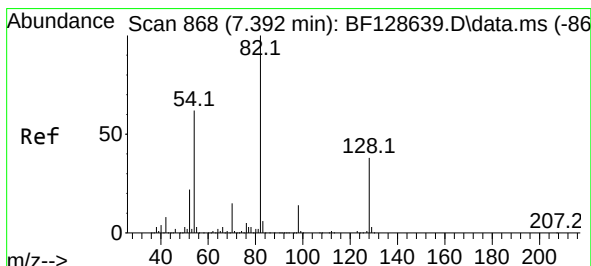
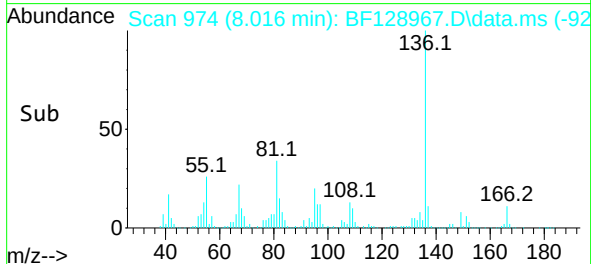
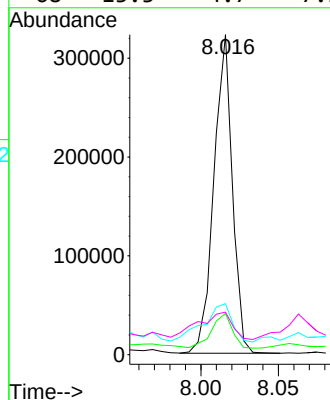
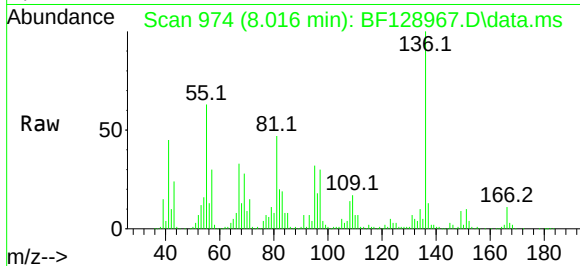




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

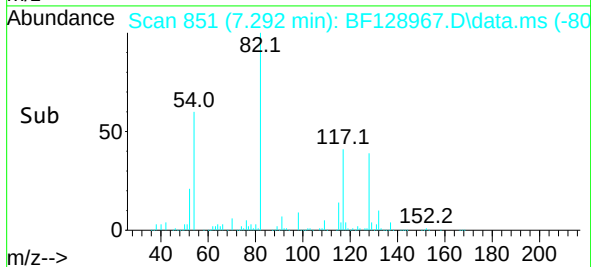
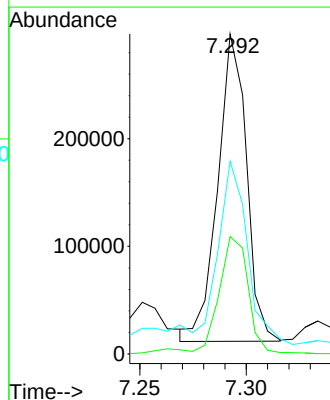
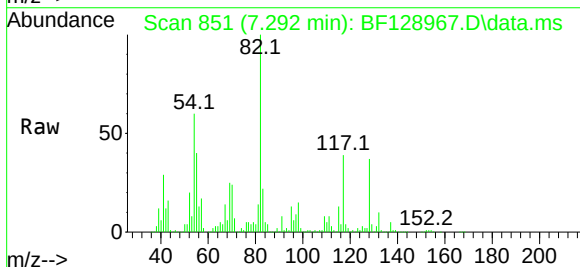
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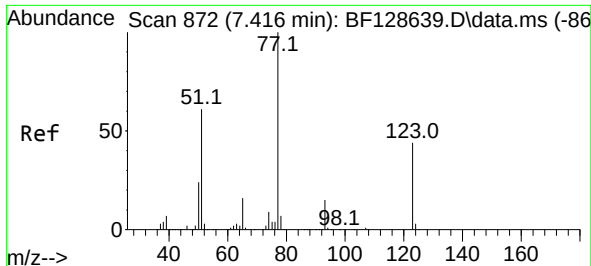
Tgt Ion:136 Resp: 266878
Ion Ratio Lower Upper
136 100
137 12.9 8.8 13.2
54 15.9 7.5 11.3#
68 13.3 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 46.673 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

Tgt Ion: 82 Resp: 267531
Ion Ratio Lower Upper
82 100
128 36.7 34.0 51.0
54 60.2 46.9 70.3





#24

Nitrobenzene

Concen: 4.527 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-4

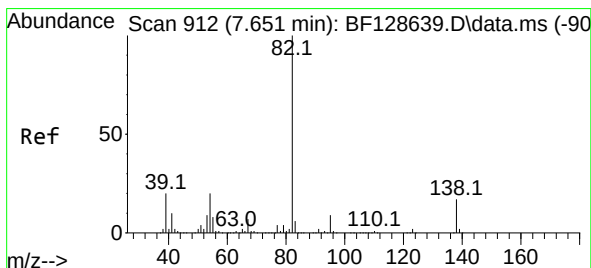
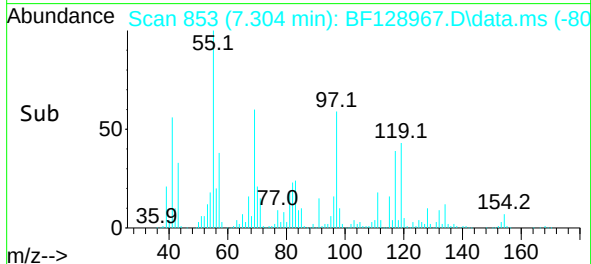
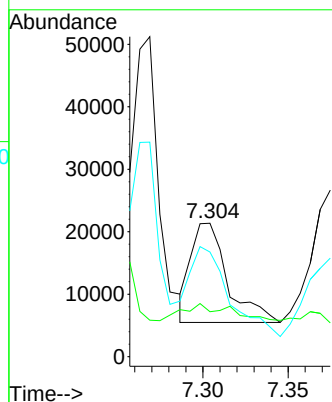
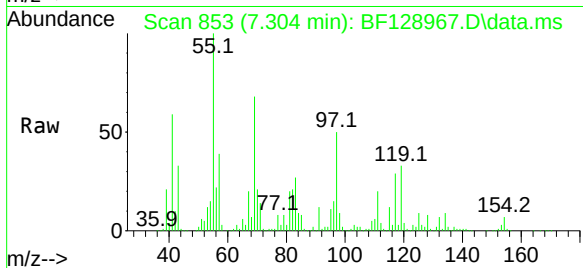
Tgt Ion: 77 Resp: 23821

Ion Ratio Lower Upper

77 100

123 33.7 35.4 53.2#

65 78.5 11.8 17.8#



#25

Isophorone

Concen: 10.285 ng

RT: 7.539 min Scan# 893

Delta R.T. -0.024 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

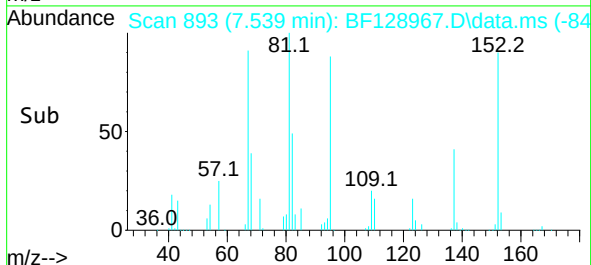
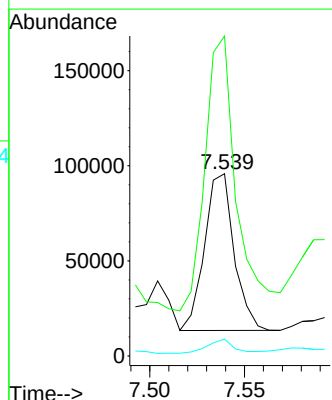
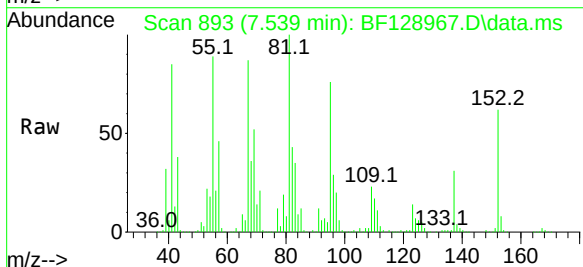
Tgt Ion: 82 Resp: 89537

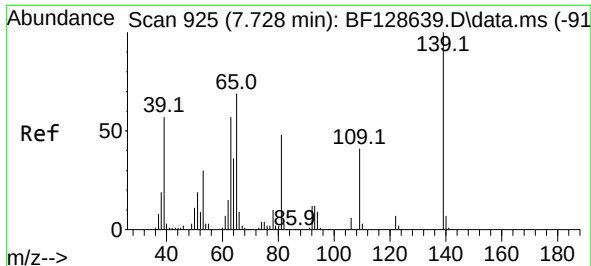
Ion Ratio Lower Upper

82 100

95 175.6 5.7 8.5#

138 9.3 14.2 21.2#

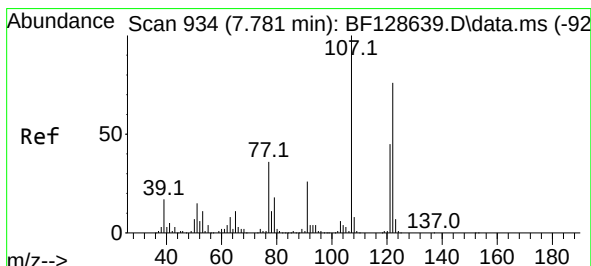
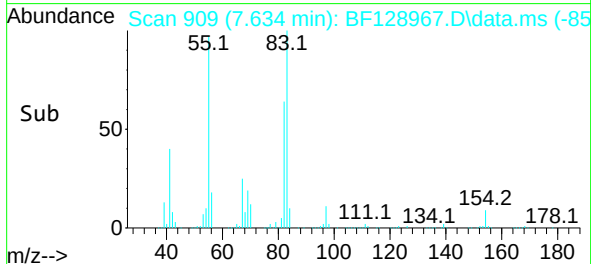
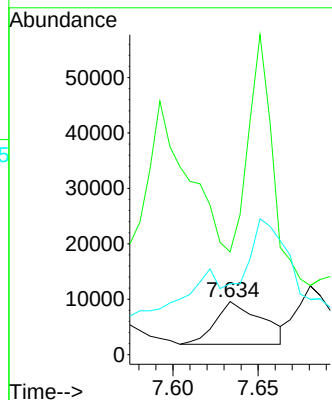
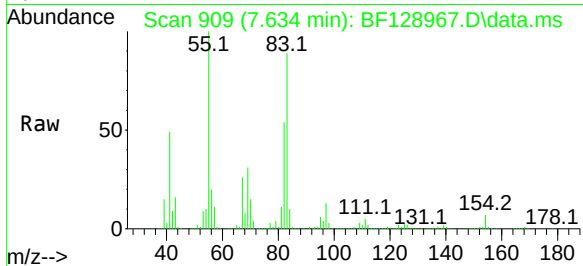




#26
2-Nitrophenol
Concen: 6.302 ng
RT: 7.634 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

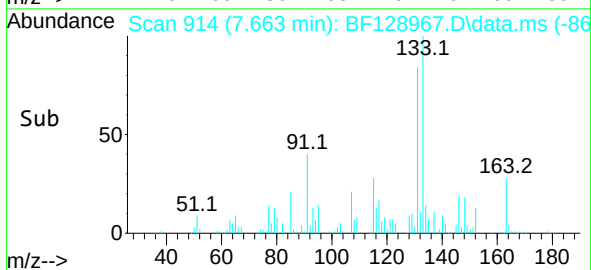
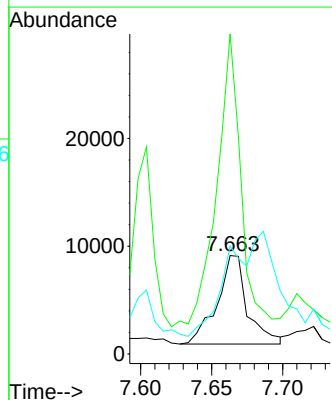
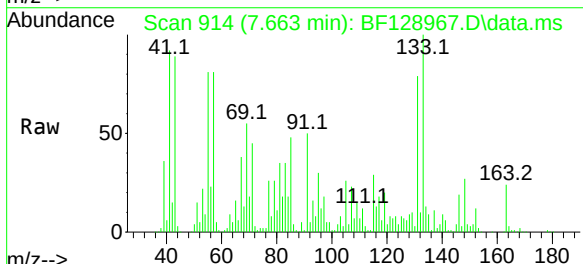
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

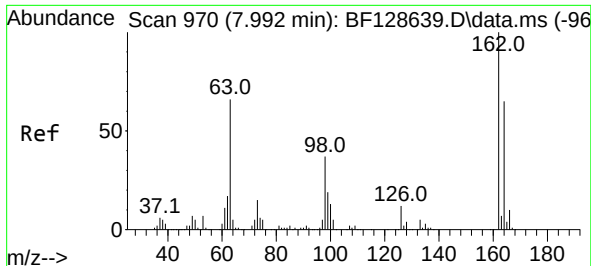
Tgt Ion:139 Resp: 14613
Ion Ratio Lower Upper
139 100
109 193.5 25.0 37.4#
65 133.6 45.1 67.7#



#27
2,4-Dimethylphenol
Concen: 3.474 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.018 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

Tgt Ion:122 Resp: 12271
Ion Ratio Lower Upper
122 100
107 325.0 93.0 139.6#
121 109.7 46.6 70.0#

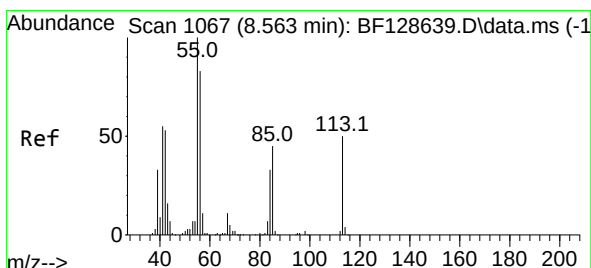
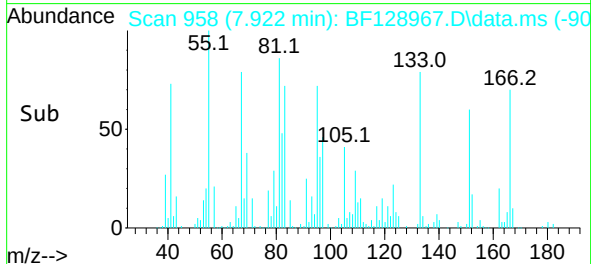
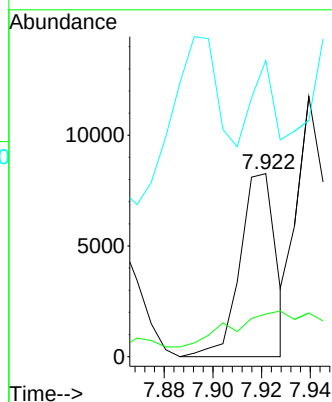
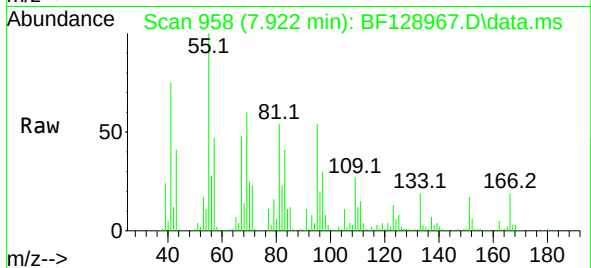




#29
2,4-Dichlorophenol
Concen: 2.067 ng
RT: 7.922 min Scan# 91
Delta R.T. 0.035 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

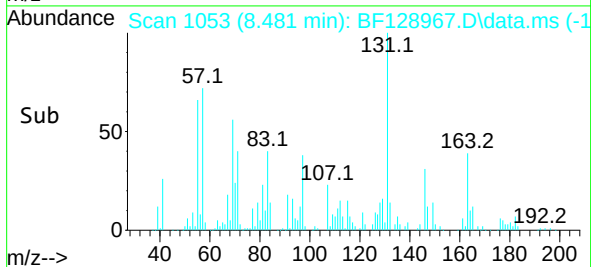
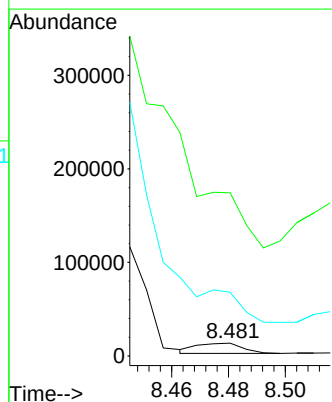
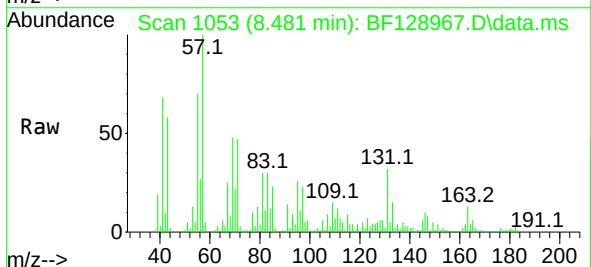
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

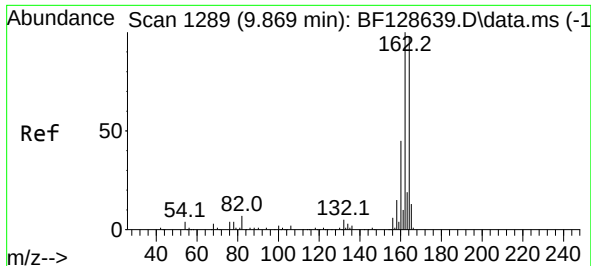
Tgt Ion:162 Resp: 8448
Ion Ratio Lower Upper
162 100
164 23.4 44.2 84.2#
98 161.9 19.6 59.6#



#35
Caprolactam
Concen: 10.852 ng
RT: 8.481 min Scan# 1053
Delta R.T. 0.006 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

Tgt Ion:113 Resp: 12267
Ion Ratio Lower Upper
113 100
55 1274.0 188.5 228.5#
56 496.7 130.6 170.6#

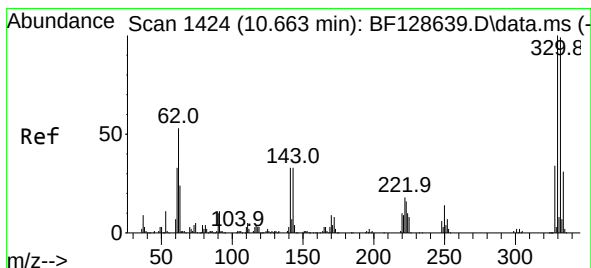
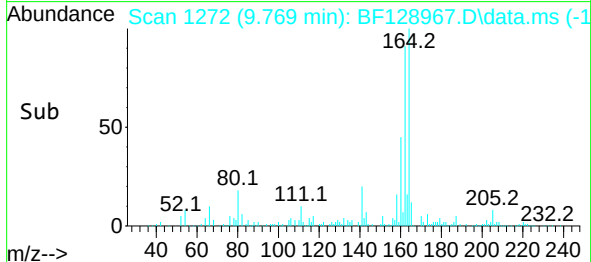
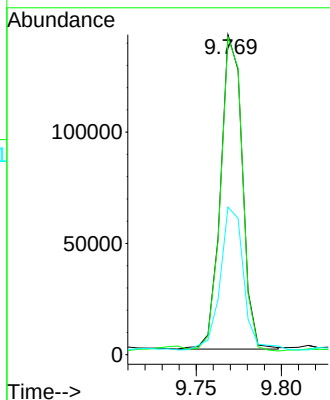
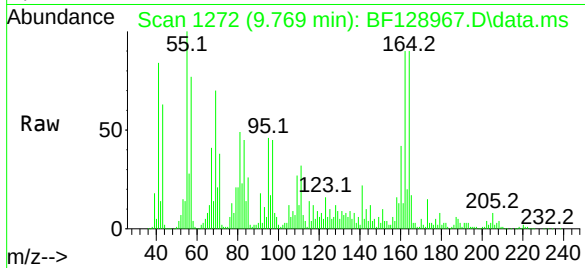




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

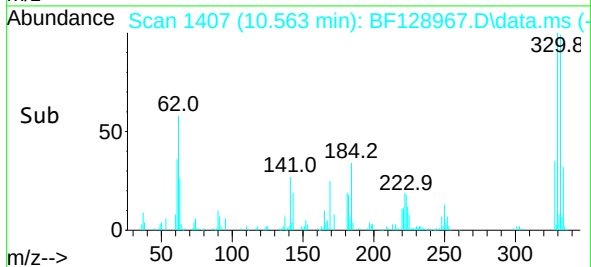
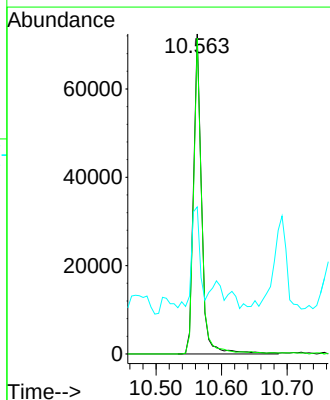
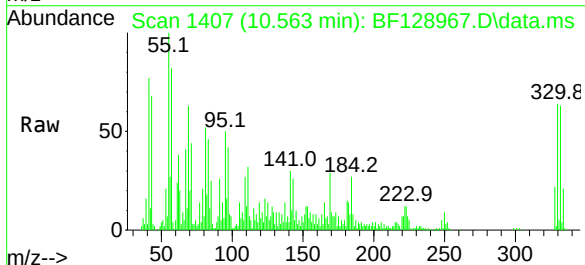
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

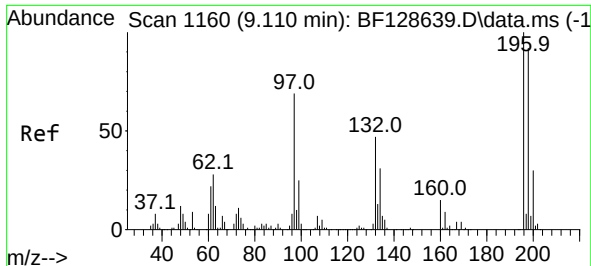
Tgt Ion:164 Resp: 125187
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 46.1 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 42.337 ng
RT: 10.563 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

Tgt Ion:330 Resp: 62622
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 32.3 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 2.929 ng

RT: 9.004 min Scan# 1157

Delta R.T. -0.012 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-4

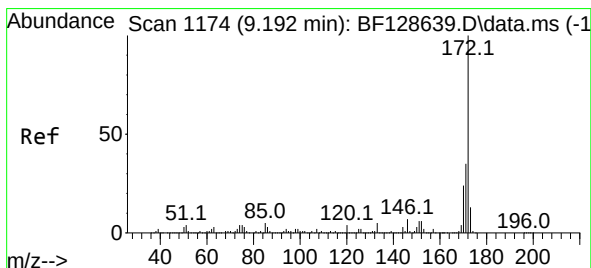
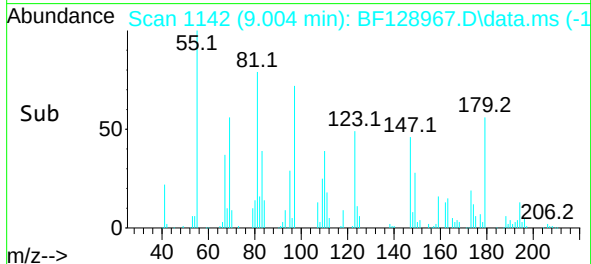
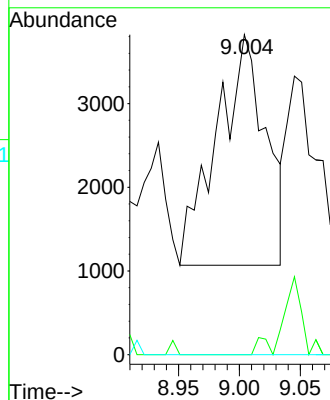
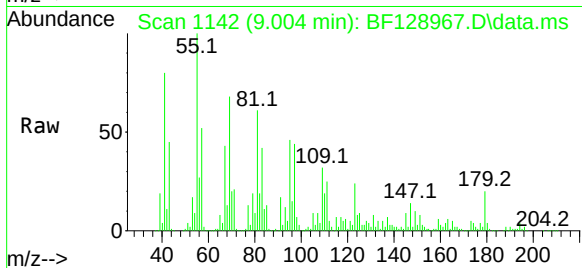
Tgt Ion:196 Resp: 7701

Ion Ratio Lower Upper

196 100

198 0.0 74.0 111.0#

200 0.0 24.1 36.1#



#45

2-Fluorobiphenyl

Concen: 43.969 ng

RT: 9.092 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

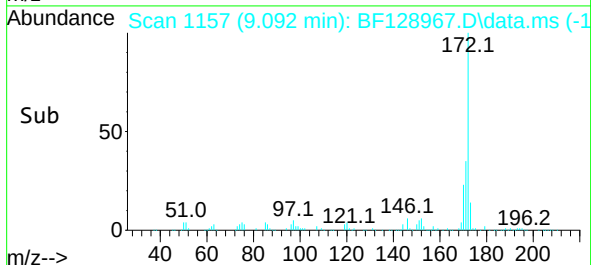
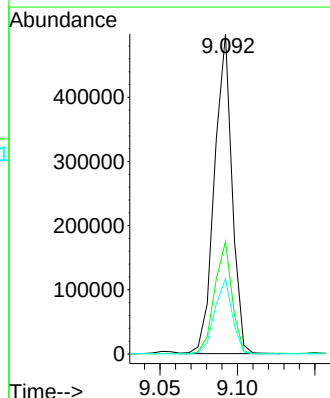
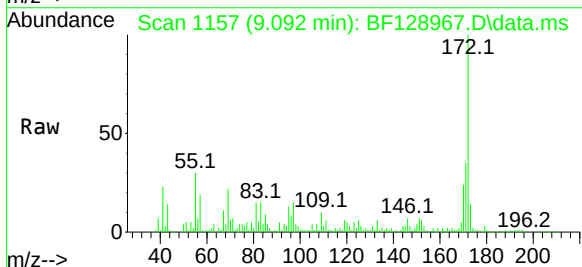
Tgt Ion:172 Resp: 392940

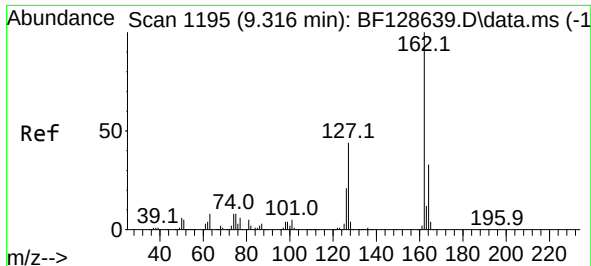
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.5 19.8 29.8

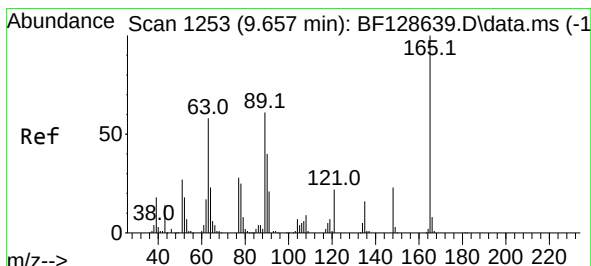
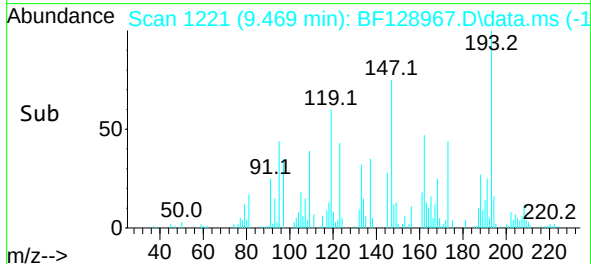
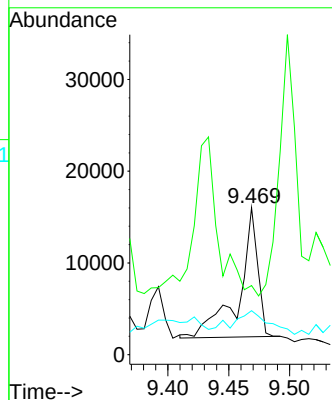
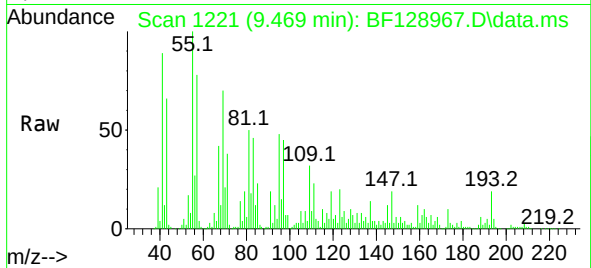




#47
2-Chloronaphthalene
Concen: 2.123 ng
RT: 9.469 min Scan# 1195
Delta R.T. 0.253 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

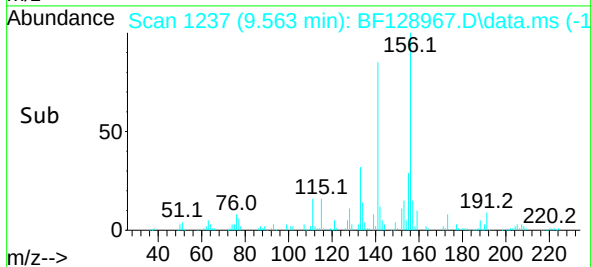
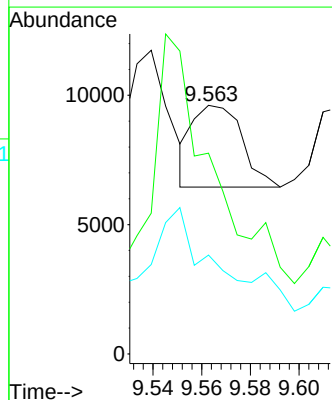
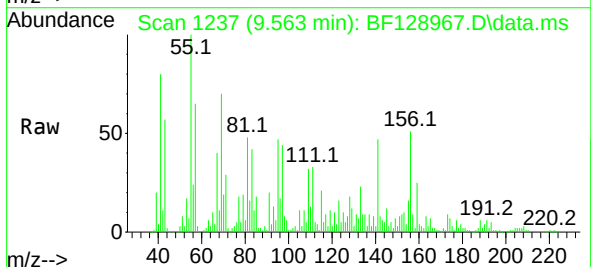
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

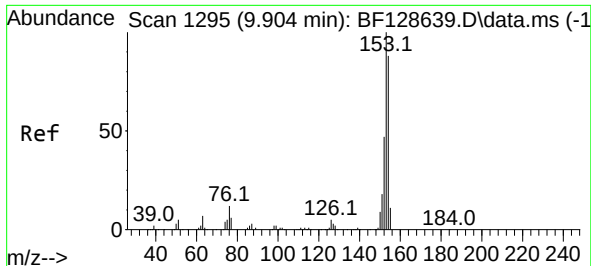
Tgt Ion:162 Resp: 15219
Ion Ratio Lower Upper
162 100
127 47.0 34.5 51.7
164 30.0 26.5 39.7



#51
2,6-Dinitrotoluene
Concen: 2.626 ng
RT: 9.563 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

Tgt Ion:165 Resp: 4441
Ion Ratio Lower Upper
165 100
63 80.8 44.9 67.3#
89 39.8 43.6 65.4#

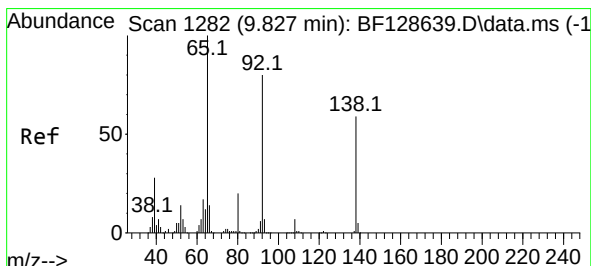
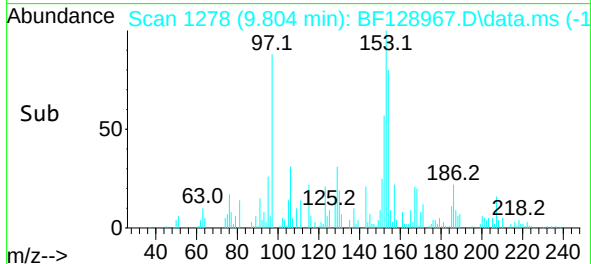
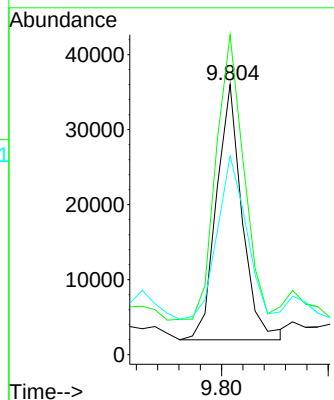
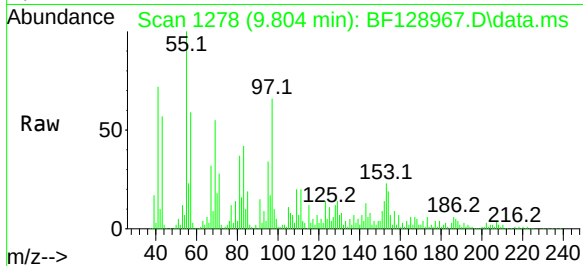




#52
Acenaphthene
Concen: 3.979 ng
RT: 9.804 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

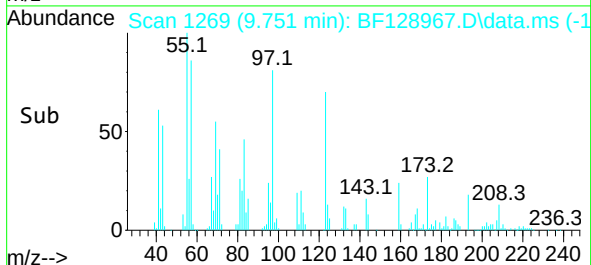
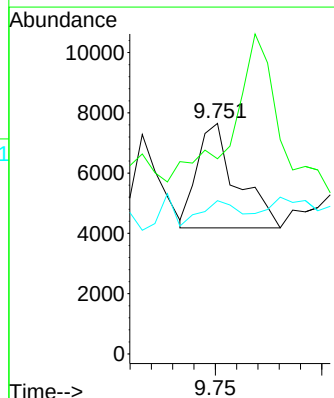
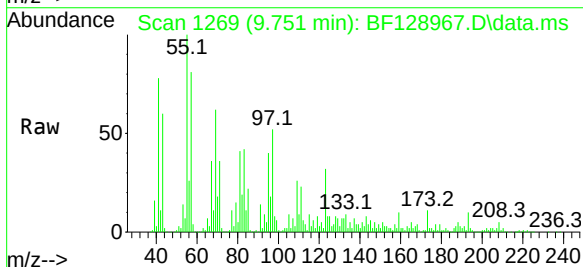
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

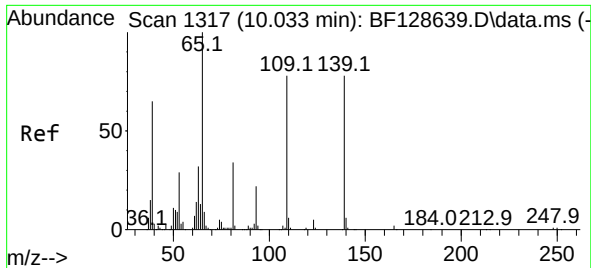
Tgt Ion:154 Resp: 28435
Ion Ratio Lower Upper
154 100
153 118.4 89.6 134.4
152 73.6 42.4 63.6#



#53
3-Nitroaniline
Concen: 2.456 ng
RT: 9.751 min Scan# 1269
Delta R.T. 0.012 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

Tgt Ion:138 Resp: 4508
Ion Ratio Lower Upper
138 100
108 84.6 10.9 16.3#
92 66.5 98.2 147.2#

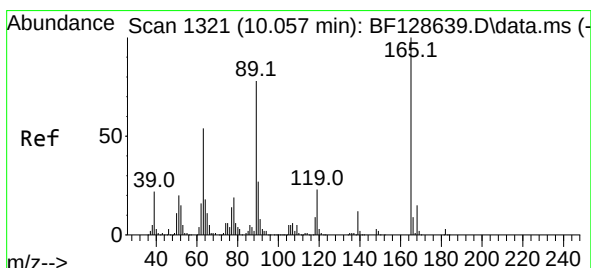
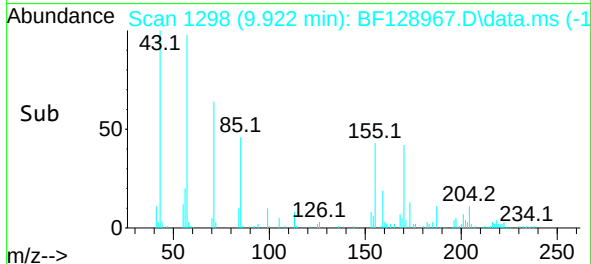
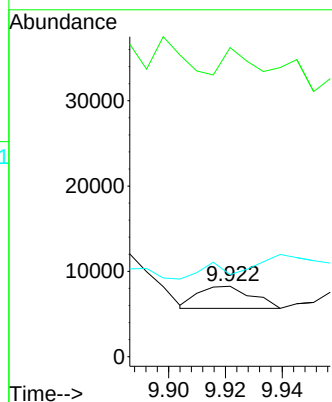
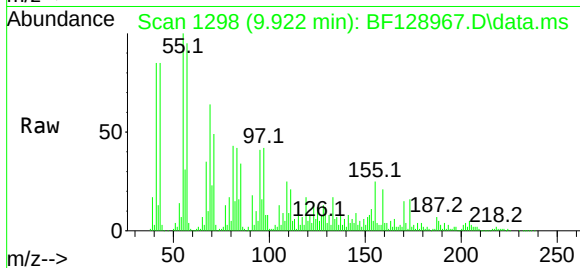




#56
4-Nitrophenol
Concen: 2.552 ng
RT: 9.922 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

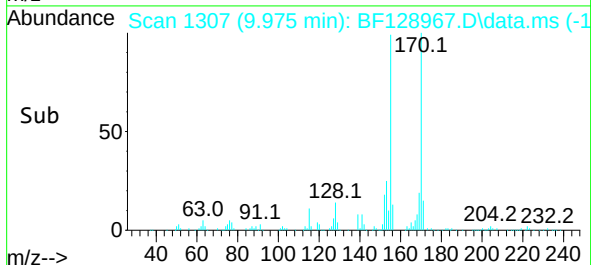
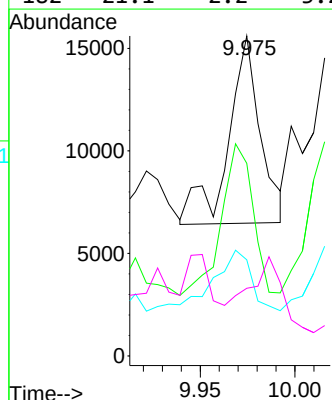
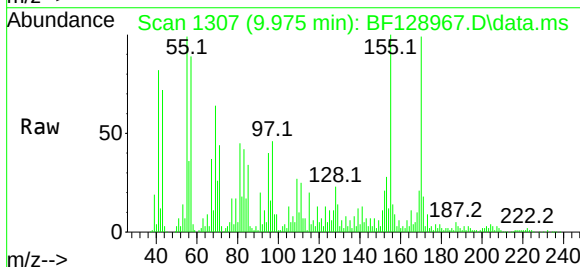
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

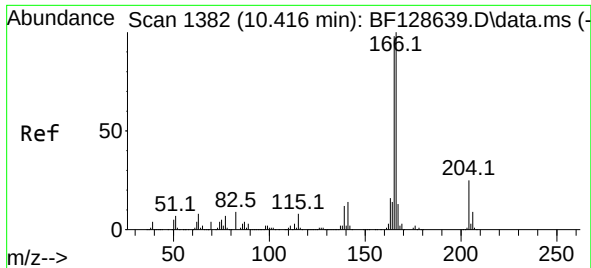
Tgt Ion:139 Resp: 3396
Ion Ratio Lower Upper
139 100
109 439.0 50.7 90.7#
65 116.5 74.5 114.5#



#57
2,4-Dinitrotoluene
Concen: 4.796 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

Tgt Ion:165 Resp: 10825
Ion Ratio Lower Upper
165 100
63 60.2 39.8 59.6#
89 30.1 60.2 90.2#
182 21.1 2.2 3.2#

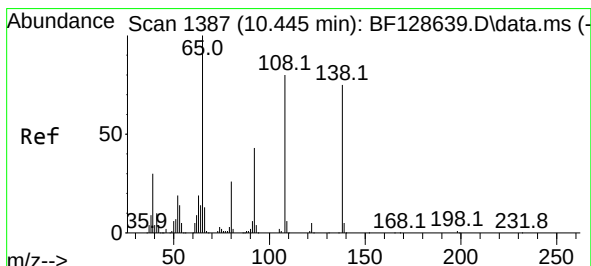
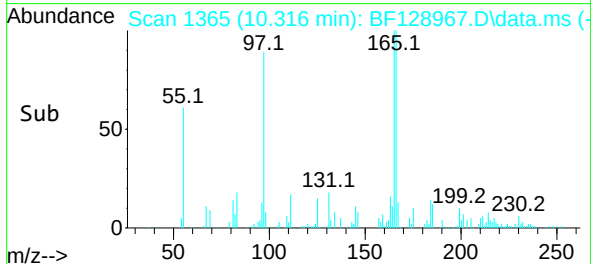
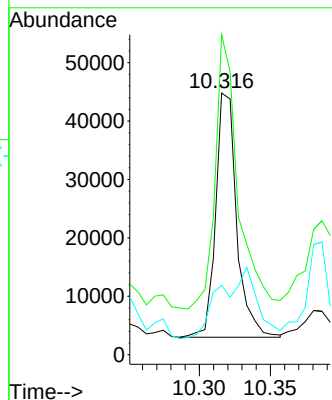
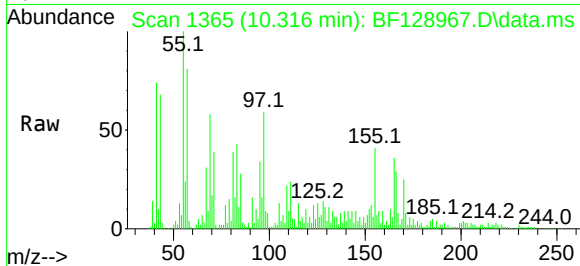




#58
Fluorene
Concen: 5.395 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

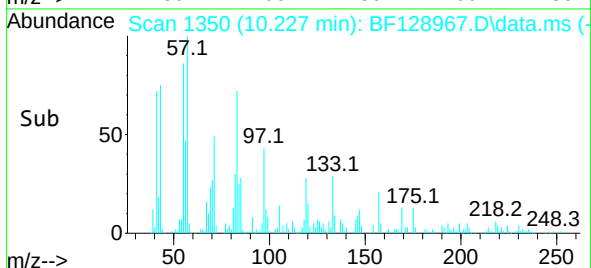
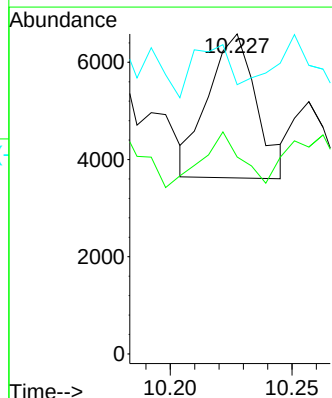
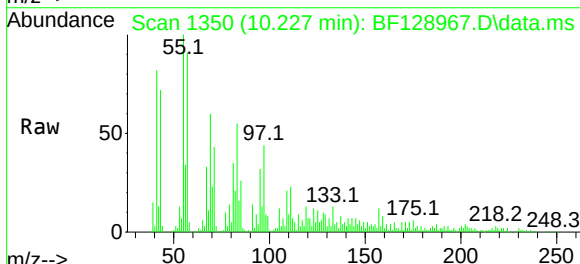
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

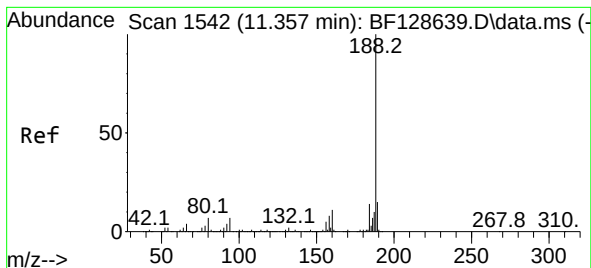
Tgt Ion:166 Resp: 42970
Ion Ratio Lower Upper
166 100
165 122.3 78.1 117.1#
167 26.5 10.5 15.7#



#62
4-Nitroaniline
Concen: 2.199 ng
RT: 10.227 min Scan# 1350
Delta R.T. -0.130 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

Tgt Ion:138 Resp: 4087
Ion Ratio Lower Upper
138 100
92 61.6 33.5 73.5
108 84.1 61.0 101.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-4

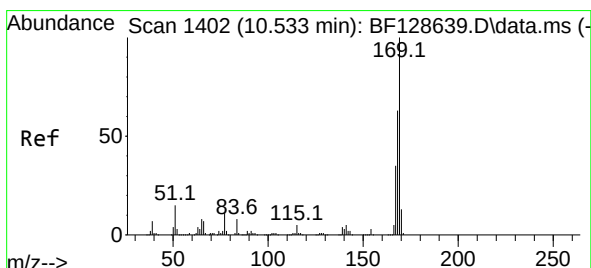
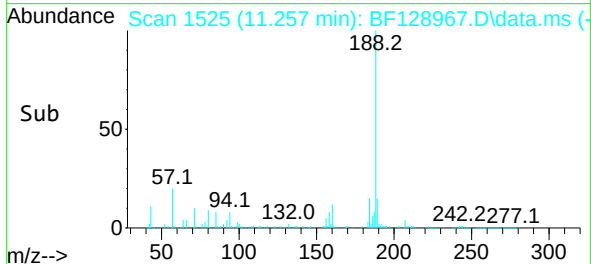
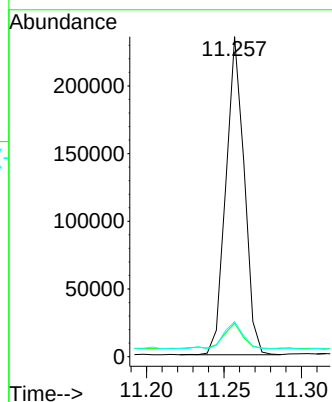
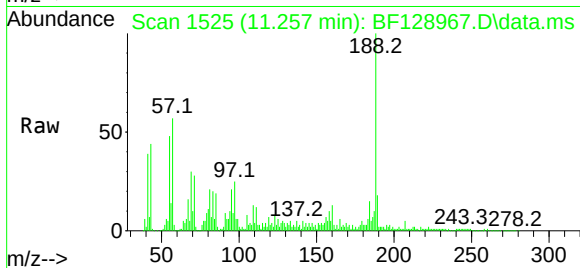
Tgt Ion:188 Resp: 192984

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 11.0 7.6 11.4



#66

n-Nitrosodiphenylamine

Concen: 14.688 ng

RT: 10.427 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

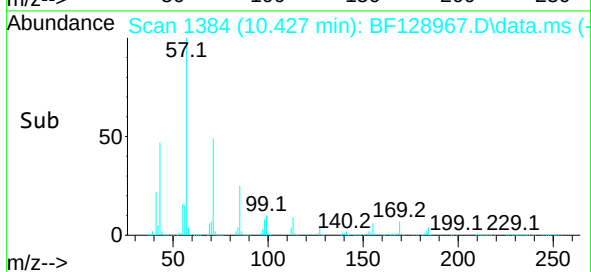
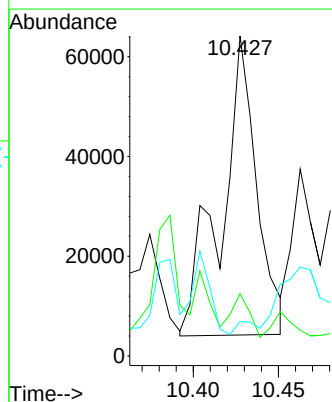
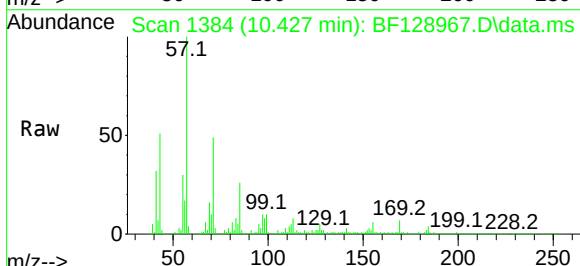
Tgt Ion:169 Resp: 87126

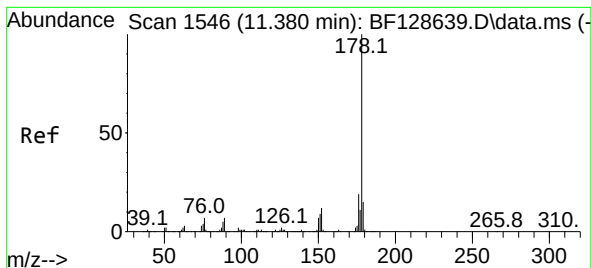
Ion Ratio Lower Upper

169 100

168 19.5 50.1 75.1#

167 10.8 27.9 41.9#





#71

Phenanthrene

Concen: 22.638 ng

RT: 11.280 min Scan# 1529

Delta R.T. -0.000 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-4

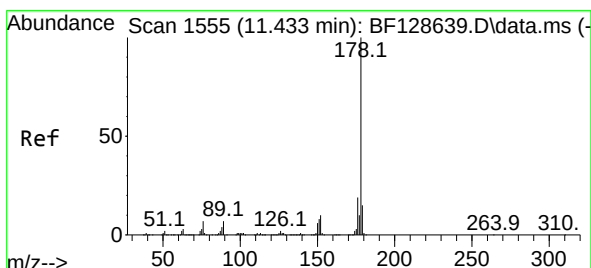
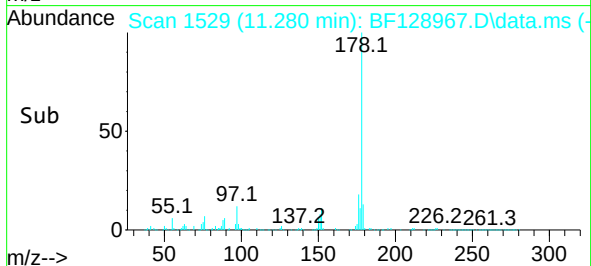
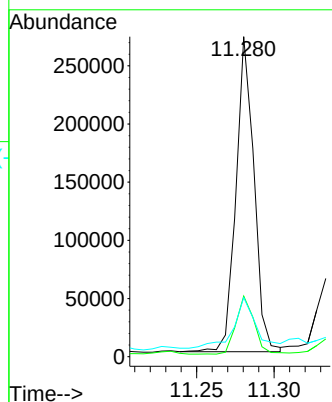
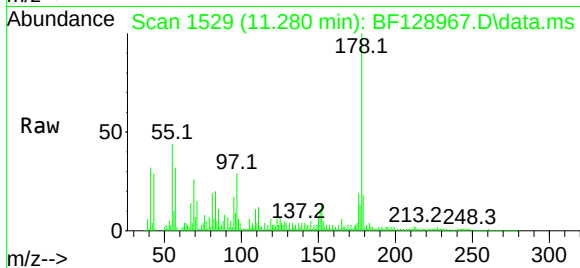
Tgt Ion:178 Resp: 219126

Ion Ratio Lower Upper

178 100

176 18.9 16.0 24.0

179 18.5 12.6 19.0



#72

Anthracene

Concen: 22.871 ng

RT: 11.280 min Scan# 1529

Delta R.T. -0.053 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

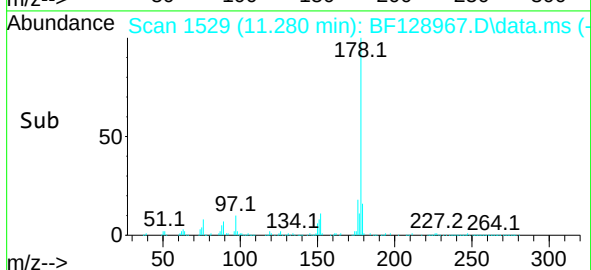
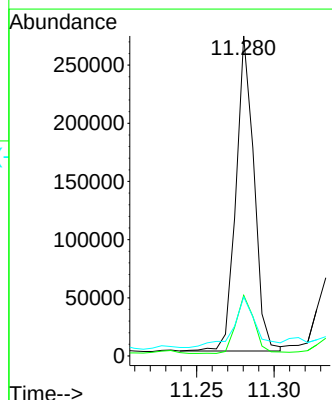
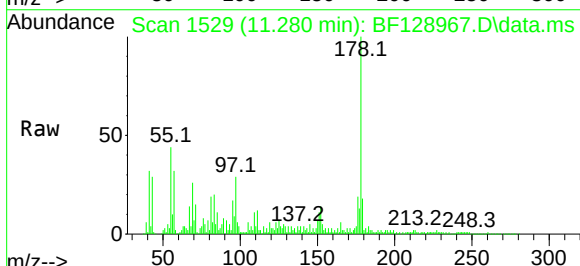
Tgt Ion:178 Resp: 219126

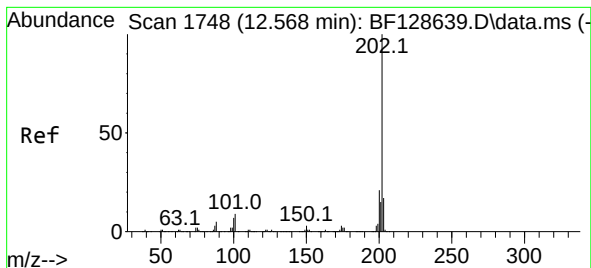
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 18.5 12.6 19.0





#75

Fluoranthene

Concen: 15.233 ng

RT: 12.474 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-4

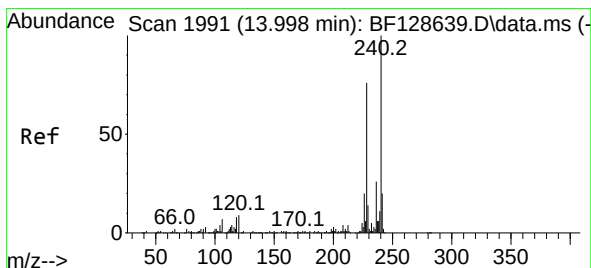
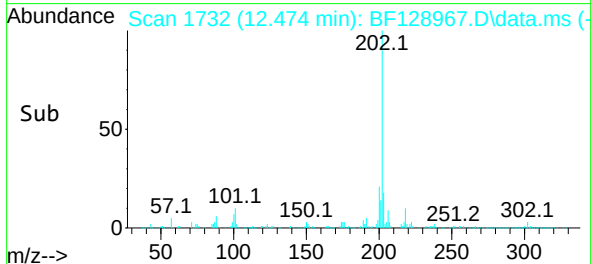
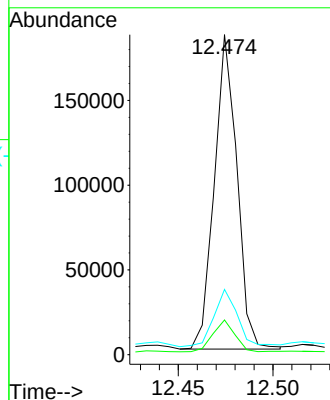
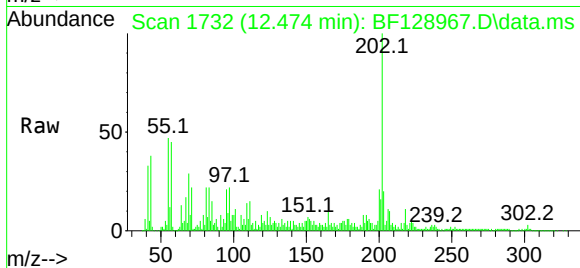
Tgt Ion:202 Resp: 154127

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.4

203 20.4 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.904 min Scan# 1975

Delta R.T. 0.006 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

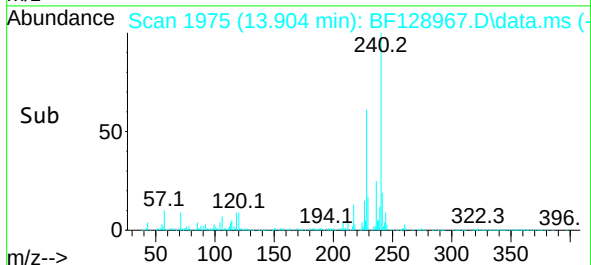
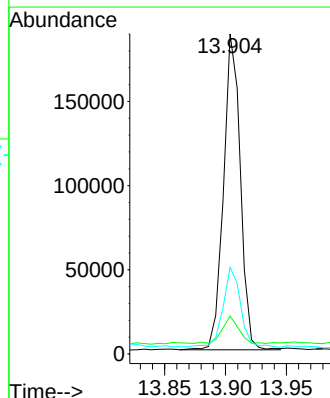
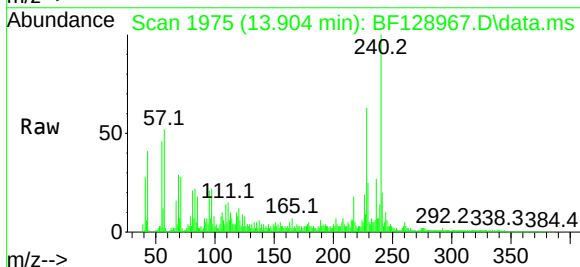
Tgt Ion:240 Resp: 180432

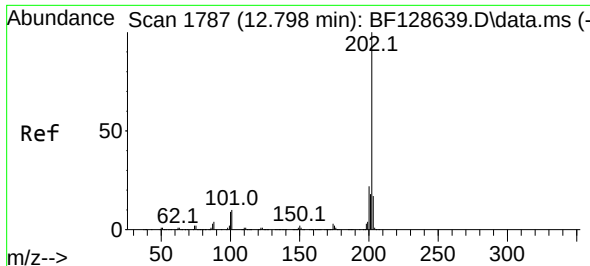
Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

236 27.1 20.8 31.2

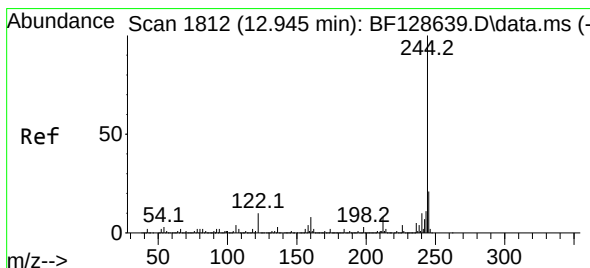
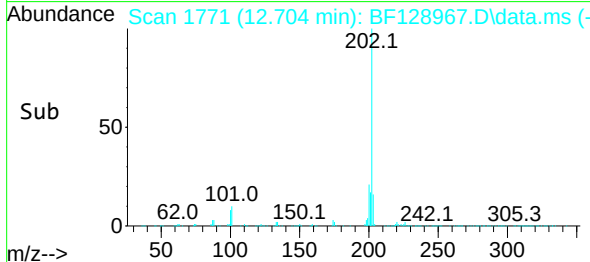
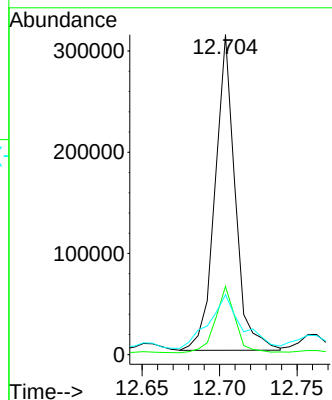
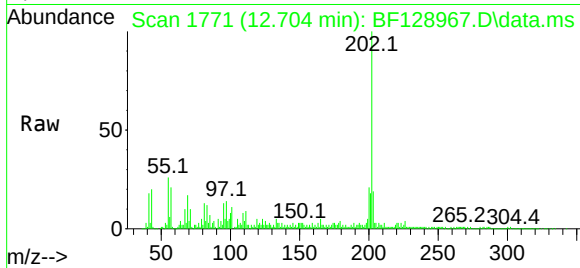




#78
 Pyrene
 Concen: 20.986 ng
 RT: 12.704 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128967.D
 Acq: 23 Jun 2022 22:33

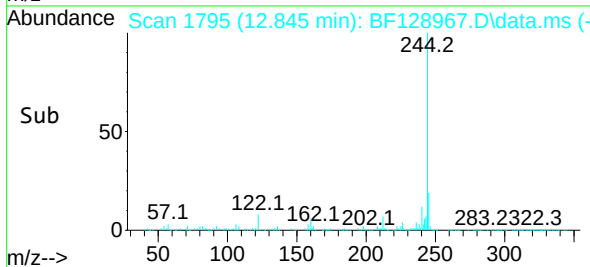
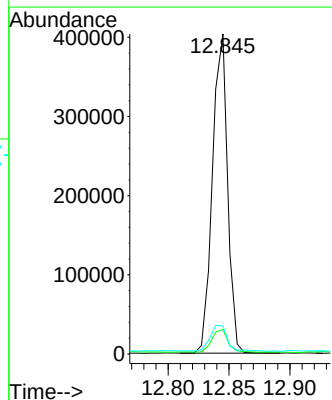
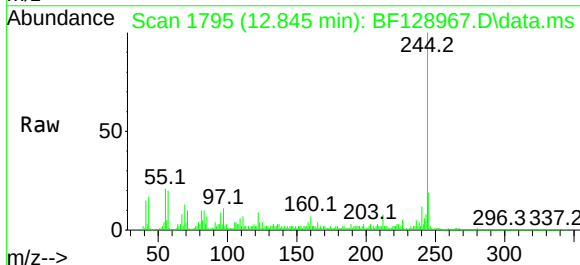
Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-4

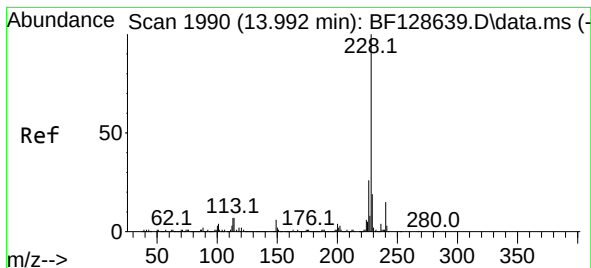
Tgt Ion:202 Resp: 281711
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.7 26.5
 203 18.8 14.6 21.8



#79
 Terphenyl-d14
 Concen: 33.683 ng
 RT: 12.845 min Scan# 1795
 Delta R.T. 0.006 min
 Lab File: BF128967.D
 Acq: 23 Jun 2022 22:33

Tgt Ion:244 Resp: 349754
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 8.7 8.8 13.2#





#81

Benzo(a)anthracene

Concen: 26.423 ng

RT: 13.898 min Scan# 1974

Delta R.T. 0.012 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-4

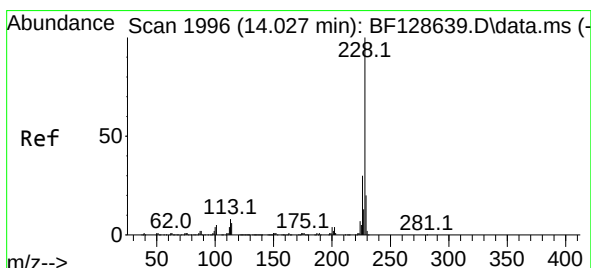
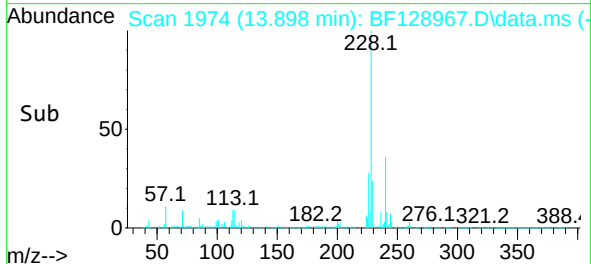
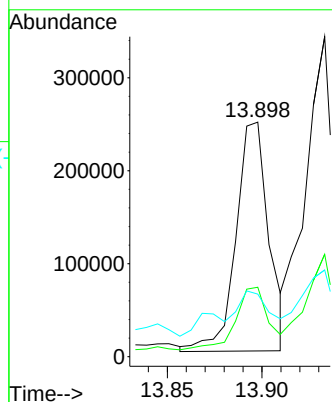
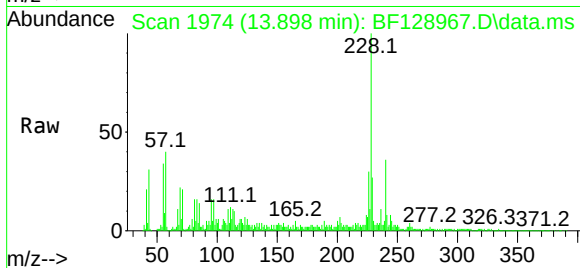
Tgt Ion:228 Resp: 297176

Ion Ratio Lower Upper

228 100

226 29.6 22.1 33.1

229 26.7 15.8 23.8#



#83

Chrysene

Concen: 33.719 ng

RT: 13.933 min Scan# 1980

Delta R.T. 0.006 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

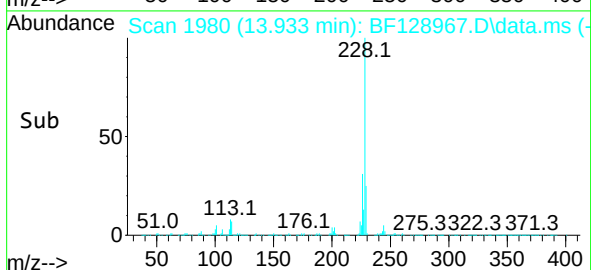
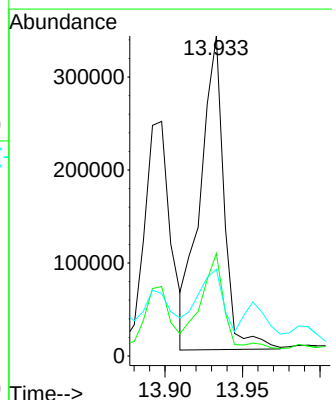
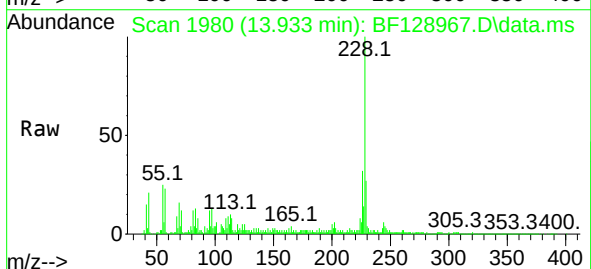
Tgt Ion:228 Resp: 361559

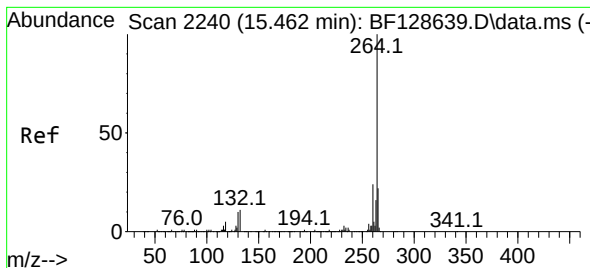
Ion Ratio Lower Upper

228 100

226 32.0 24.3 36.5

229 27.1 15.9 23.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.351 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-4

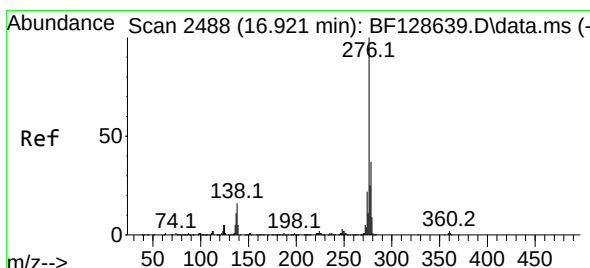
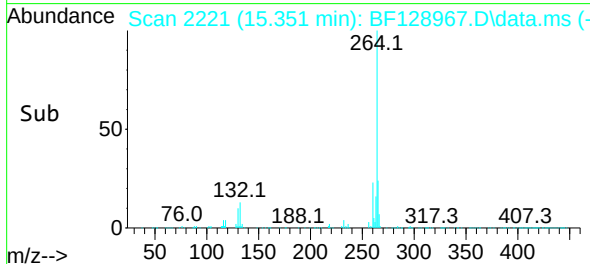
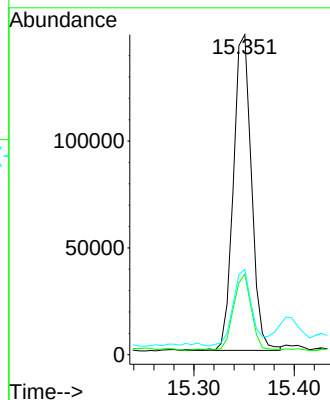
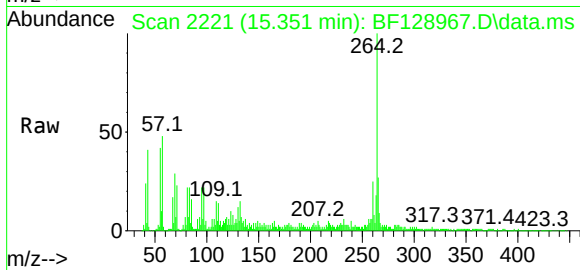
Tgt Ion:264 Resp: 185254

Ion Ratio Lower Upper

264 100

260 25.1 18.4 27.6

265 26.6 17.2 25.8#



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.635 ng

RT: 16.762 min Scan# 2461

Delta R.T. 0.018 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

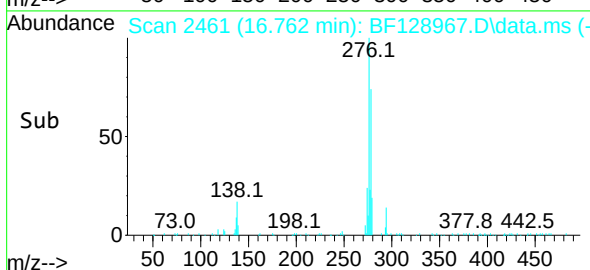
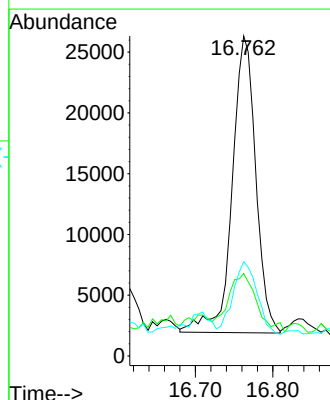
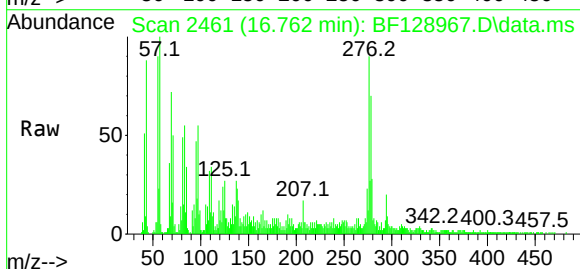
Tgt Ion:276 Resp: 51758

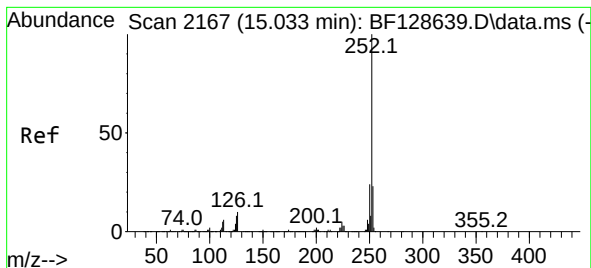
Ion Ratio Lower Upper

276 100

138 24.0 21.1 31.7

277 25.3 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 15.814 ng

RT: 14.933 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-4

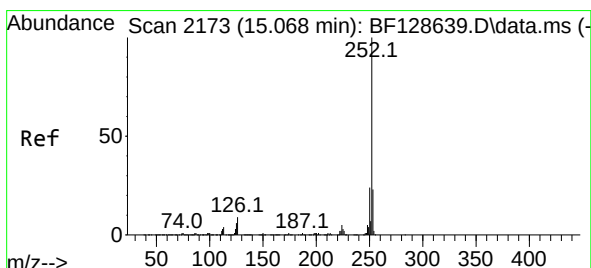
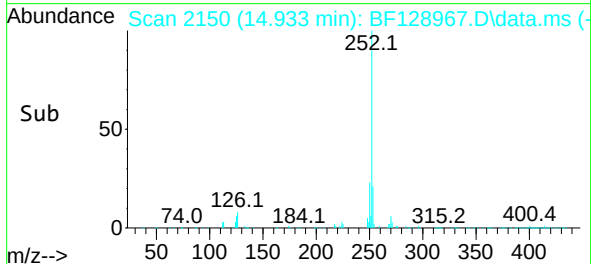
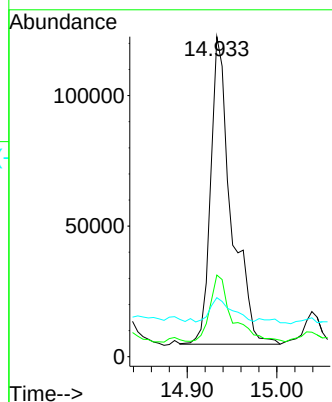
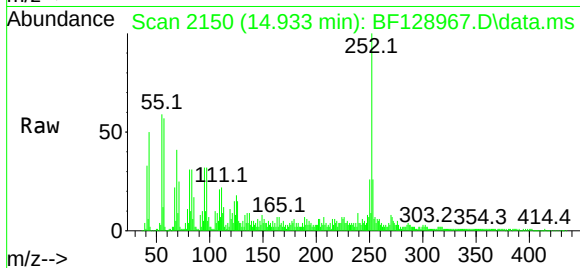
Tgt Ion:252 Resp: 187201

Ion Ratio Lower Upper

252 100

253 25.5 17.7 26.5

125 18.5 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 16.811 ng

RT: 14.933 min Scan# 2150

Delta R.T. -0.018 min

Lab File: BF128967.D

Acq: 23 Jun 2022 22:33

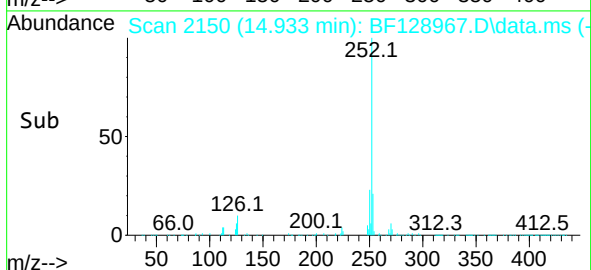
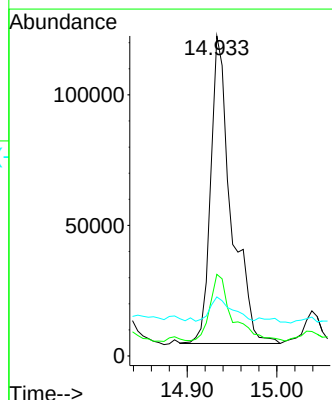
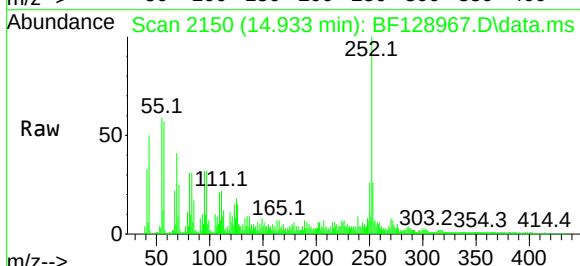
Tgt Ion:252 Resp: 187201

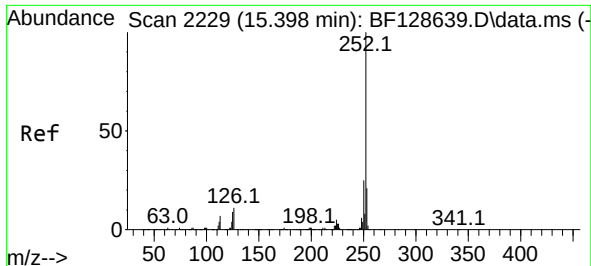
Ion Ratio Lower Upper

252 100

253 25.5 17.8 26.6

125 18.5 8.3 12.5#

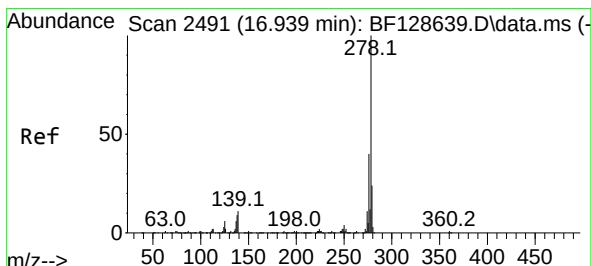
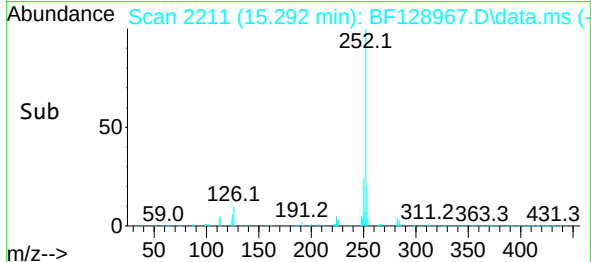
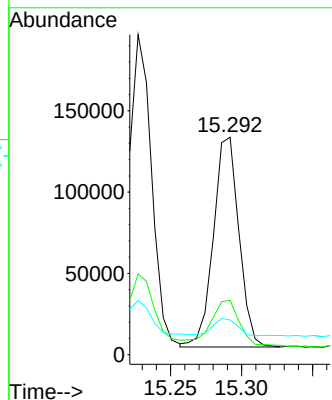
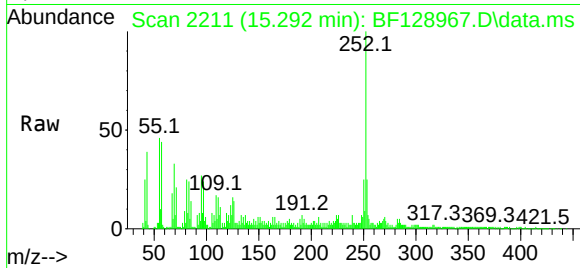




#90
Benzo(a)pyrene
Concen: 17.359 ng
RT: 15.292 min Scan# 211
Delta R.T. 0.018 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

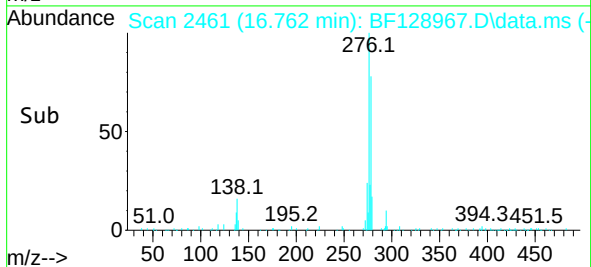
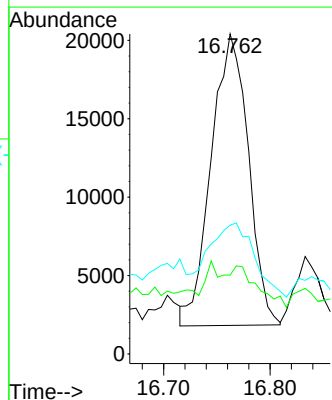
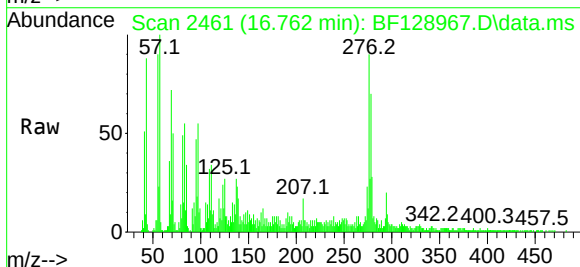
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

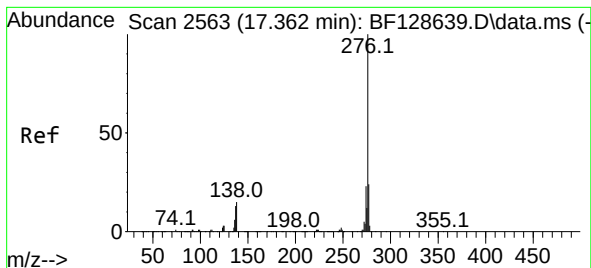
Tgt Ion:252 Resp: 161509
Ion Ratio Lower Upper
252 100
253 25.0 17.0 25.6
125 16.0 8.8 13.2#



#91
Dibenzo(a,h)anthracene
Concen: 4.855 ng
RT: 16.762 min Scan# 2461
Delta R.T. 0.012 min
Lab File: BF128967.D
Acq: 23 Jun 2022 22:33

Tgt Ion:278 Resp: 44961
Ion Ratio Lower Upper
278 100
139 24.7 12.8 19.2#
279 40.3 18.6 28.0#





#92

Benzo(g,h,i)perylene

Concen: 7.754 ng

RT: 17.192 min Scan# 2

Delta R.T. 0.023 min

Lab File: BF128967.D

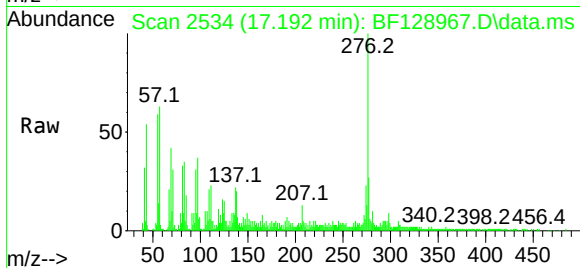
Acq: 23 Jun 2022 22:33

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-4



Tgt Ion:276 Resp: 71180

Ion Ratio Lower Upper

276 100

277 27.4 19.1 28.7

138 19.6 18.0 27.0

