

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128817.D
 Acq On : 14 Jun 2022 23:43
 Operator : CG\JU
 Sample : N3337-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061322

Quant Time: Jun 15 01:03:36 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)

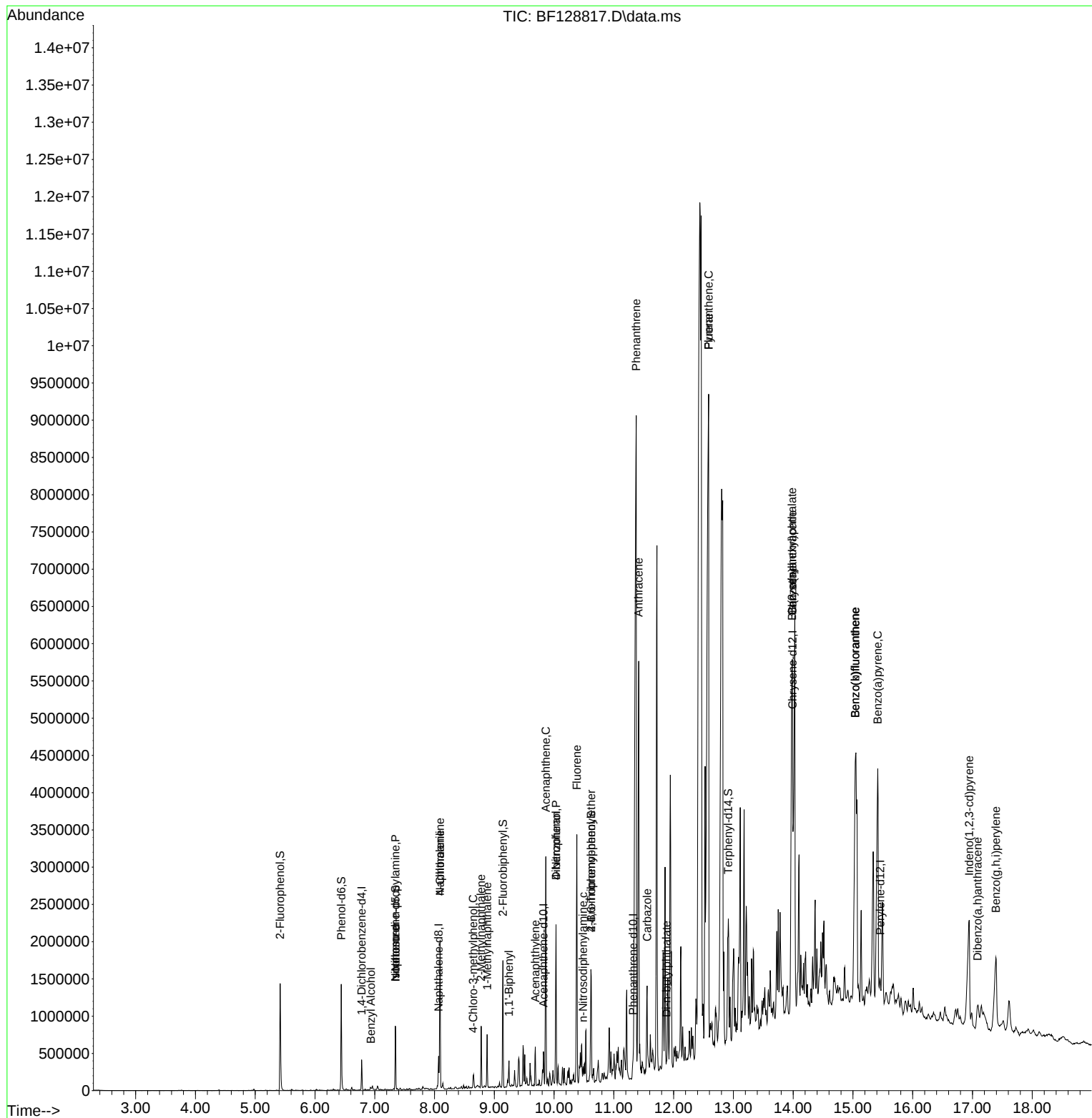
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	52122	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	168944	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	92454	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	176690	20.000	ng	0.00
76) Chrysene-d12	13.992	240	115853	20.000	ng	0.03
86) Perylene-d12	15.457	264	94819	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	344192	105.184	ng	0.00
7) Phenol-d6	6.439	99	380425	95.240	ng	0.00
23) Nitrobenzene-d5	7.345	82	236594	65.202	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	105386	96.473	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	452596	68.574	ng	0.00
79) Terphenyl-d14	12.916	244	544639	81.688	ng	0.01
Target Compounds						
						Qvalue
15) Benzyl Alcohol	6.934	79	18404	5.507	ng	# 89
19) n-Nitroso-di-n-propyla...	7.345	70	34546	13.910	ng	# 74
25) Isophorone	7.345	82	236384	42.892	ng	# 66
31) Naphthalene	8.092	128	730783	84.286	ng	99
33) 4-Chloroaniline	8.092	127	96770	29.603	ng	# 35
36) 4-Chloro-3-methylphenol	8.645	107	22093	7.823	ng	# 23
37) 2-Methylnaphthalene	8.781	142	175802	31.878	ng	100
38) 1-Methylnaphthalene	8.880	142	146226	27.444	ng	99
46) 1,1'-Biphenyl	9.245	154	90904	13.104	ng	97
49) Acenaphthylene	9.686	152	166192	20.508	ng	97
52) Acenaphthene	9.863	154	605299	114.701	ng	98
55) Dibenzofuran	10.033	168	690244	91.010	ng	95
56) 4-Nitrophenol	10.033	139	291587	296.743	ng	# 9
58) Fluorene	10.380	166	897687	152.624	ng	100
66) n-Nitrosodiphenylamine	10.486	169	13277	2.445	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	6299	3.197	ng	# 1
71) Phenanthrene	11.374	178	5981180	674.894	ng	96
72) Anthracene	11.416	178	2318938	264.360	ng	99
73) Carbazole	11.557	167	424547	52.109	ng	99
74) Di-n-butylphthalate	11.880	149	30691	3.094	ng	# 90
75) Fluoranthene	12.586	202	7951336	858.318	ng	95
78) Pyrene	12.586	202	7951336	922.492	ng	96
81) Benzo(a)anthracene	13.986	228	3358249	465.033	ng	97
83) Chrysene	13.986	228	3358249	487.776	ng	97
84) Bis(2-ethylhexyl)phtha...	13.980	149	13329	2.832	ng	# 88
87) Indeno(1,2,3-cd)pyrene	16.945	276	1167888	204.355	ng	# 89
88) Benzo(b)fluoranthene	15.039	252	3971392	655.474	ng	98
89) Benzo(k)fluoranthene	15.039	252	3971392	696.798	ng	97
90) Benzo(a)pyrene	15.415	252	2221301	466.463	ng	96
91) Dibenzo(a,h)anthracene	17.086	278	250079	52.754	ng	93
92) Benzo(g,h,i)perylene	17.392	276	1032299	219.722	ng	# 91

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

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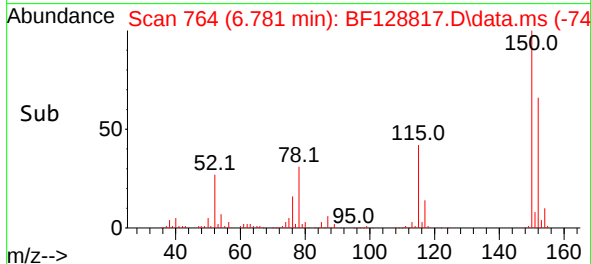
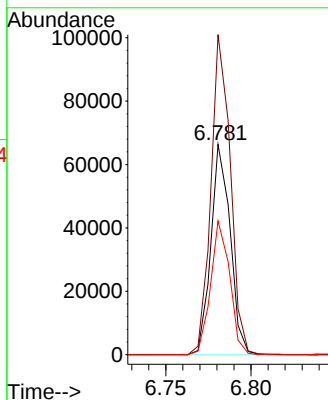
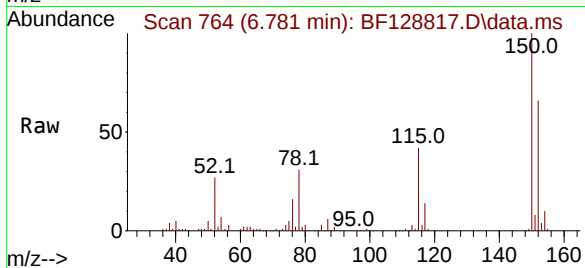




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

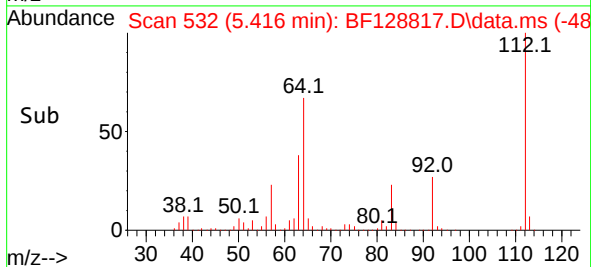
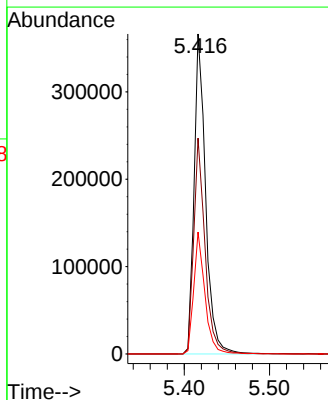
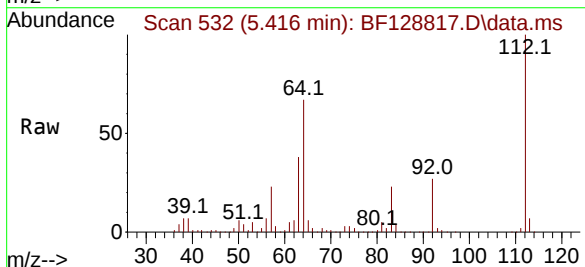
Instrument :
BNA_F
ClientSampleId :
SU-02-061322

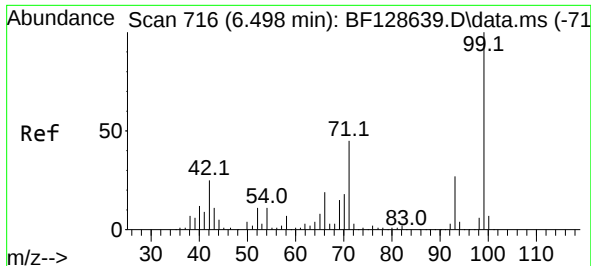
Tgt Ion:152 Resp: 52122
Ion Ratio Lower Upper
152 100
150 152.2 123.7 185.5
115 63.6 49.9 74.9



#5
2-Fluorophenol
Concen: 105.184 ng
RT: 5.416 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

Tgt Ion:112 Resp: 344192
Ion Ratio Lower Upper
112 100
64 67.4 53.3 79.9
63 38.1 28.0 42.0

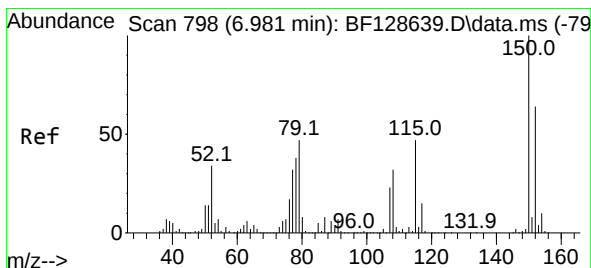
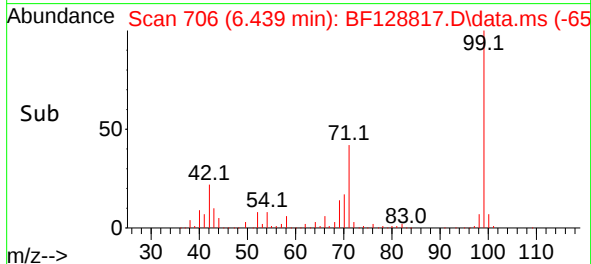
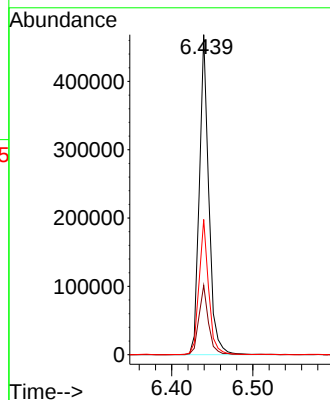
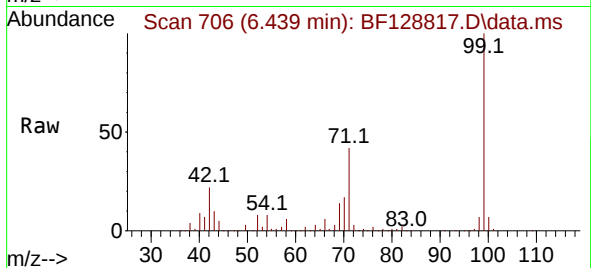




#7
Phenol-d6
Concen: 95.240 ng
RT: 6.439 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

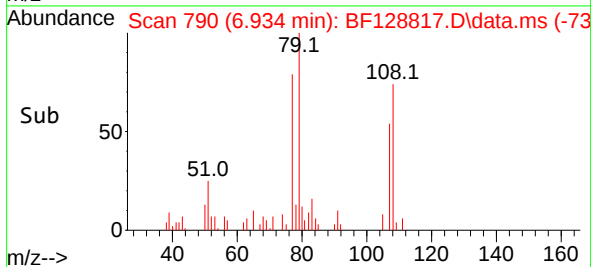
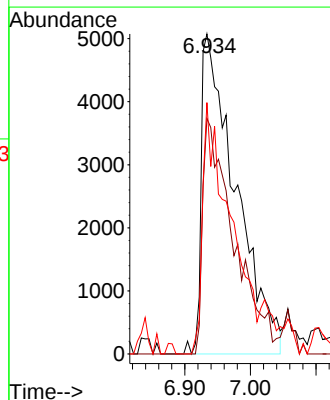
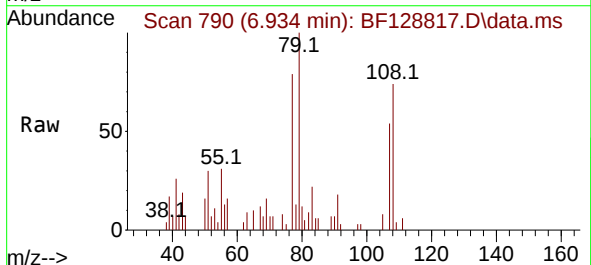
Instrument :
BNA_F
ClientSampleId :
SU-02-061322

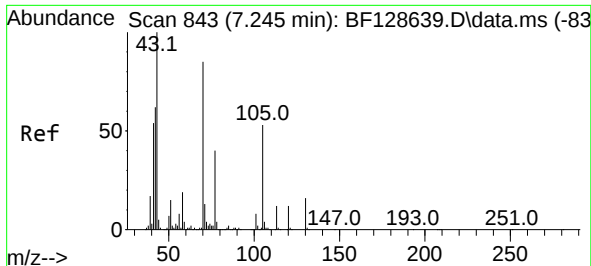
Tgt Ion: 99 Resp: 380425
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 42.2 28.9 43.3



#15
Benzyl Alcohol
Concen: 5.507 ng
RT: 6.934 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

Tgt Ion: 79 Resp: 18404
Ion Ratio Lower Upper
79 100
108 73.6 61.8 92.6
77 78.6 50.2 75.4#

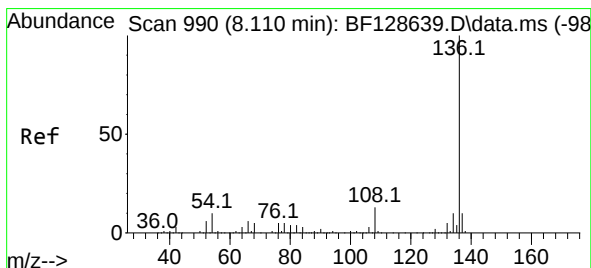
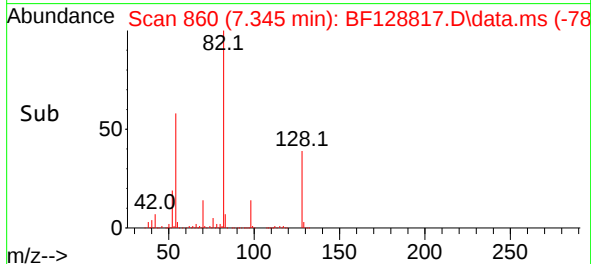
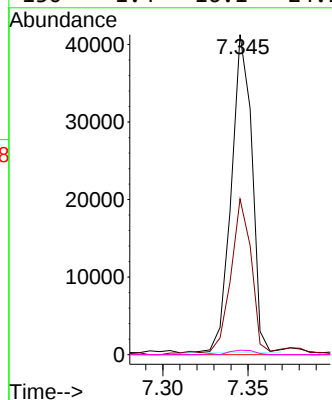
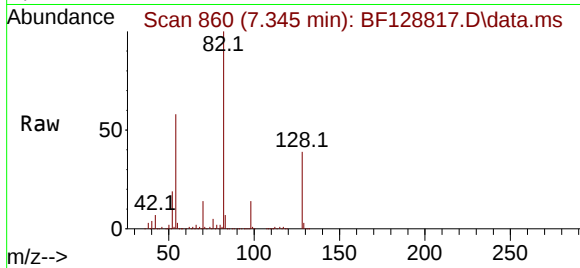




#19
n-Nitroso-di-n-propylamine
Concen: 13.910 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.141 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

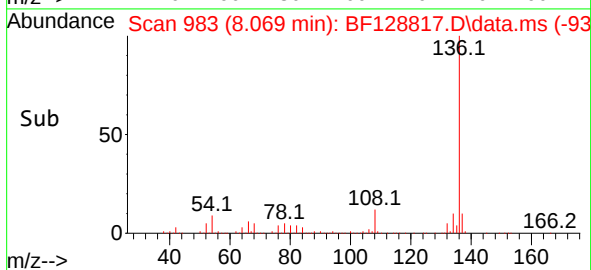
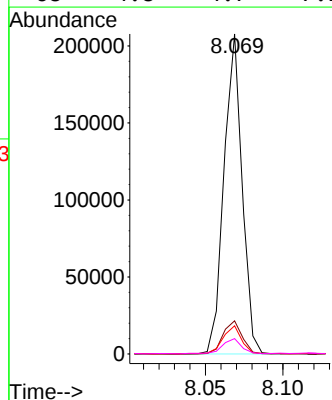
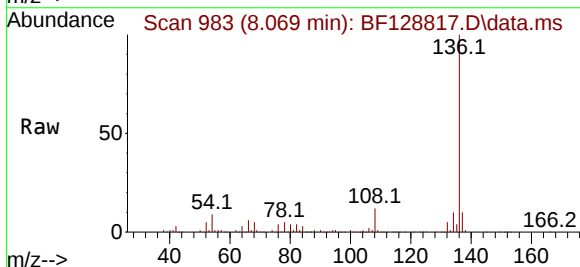
Instrument :
BNA_F
ClientSampleId :
SU-02-061322

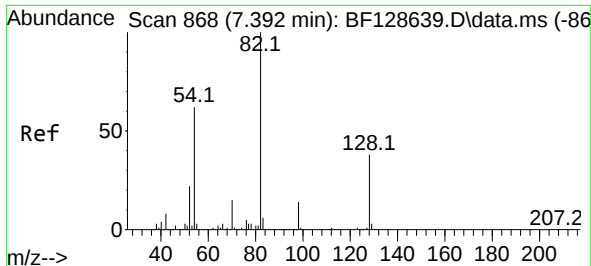
Tgt Ion: 70 Resp: 34546
Ion Ratio Lower Upper
70 100
42 48.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.4 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

Tgt Ion:136 Resp: 168944
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.8 7.5 11.3
68 4.8 4.7 7.1

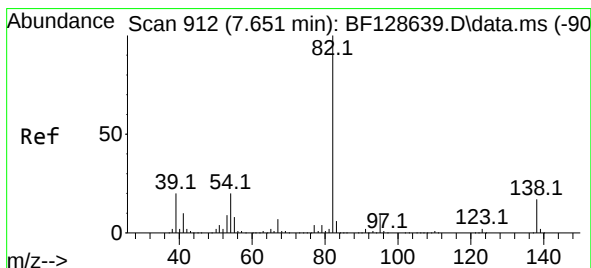
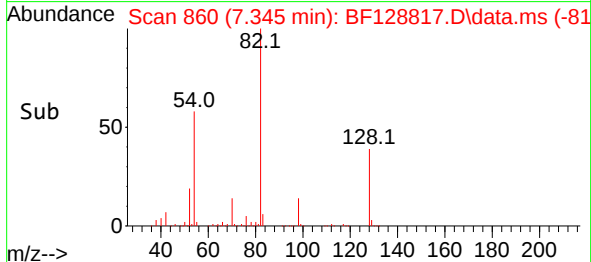
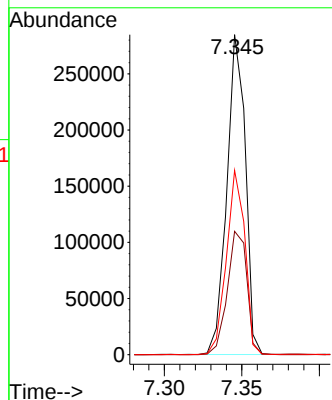
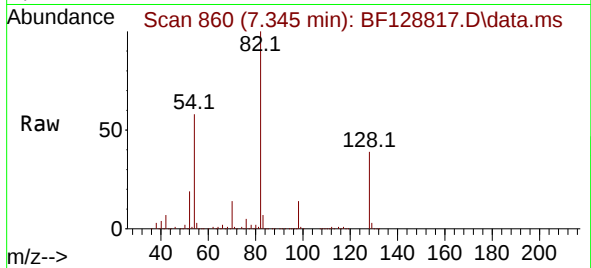




#23
Nitrobenzene-d5
Concen: 65.202 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

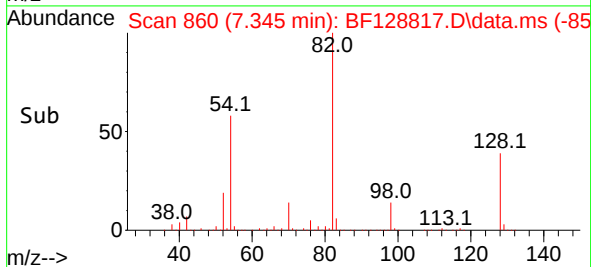
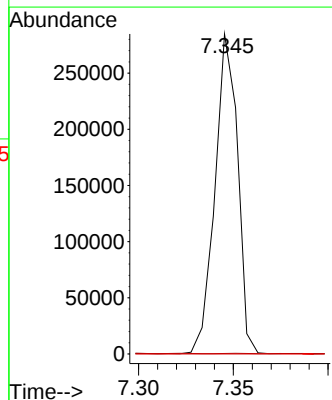
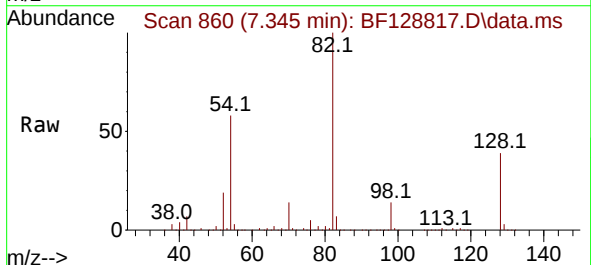
Instrument :
BNA_F
ClientSampleId :
SU-02-061322

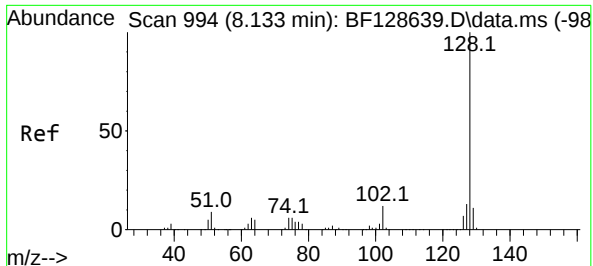
Tgt Ion: 82 Resp: 236594
Ion Ratio Lower Upper
82 100
128 38.6 34.0 51.0
54 57.6 46.9 70.3



#25
Isophorone
Concen: 42.892 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.265 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

Tgt Ion: 82 Resp: 236384
Ion Ratio Lower Upper
82 100
95 0.2 5.7 8.5#
138 0.0 14.2 21.2#

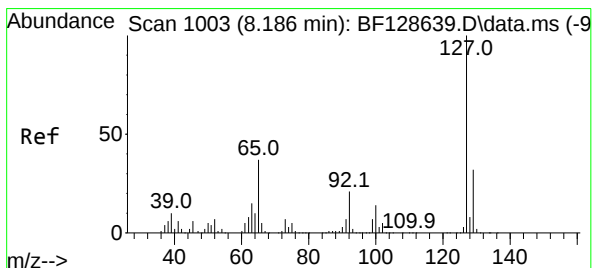
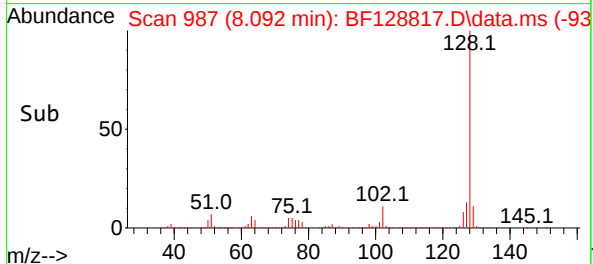
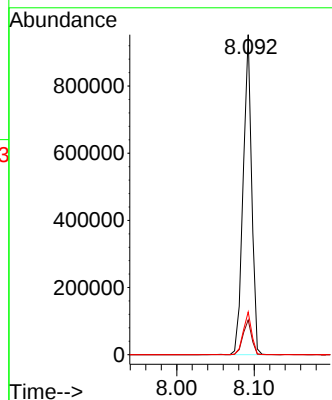
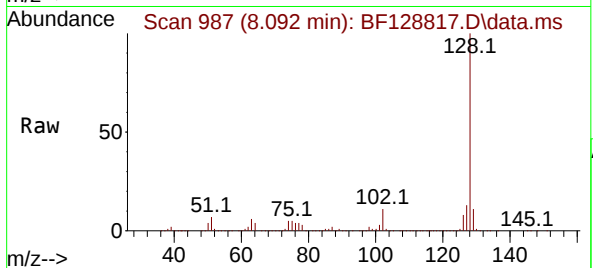




#31
Naphthalene
Concen: 84.286 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

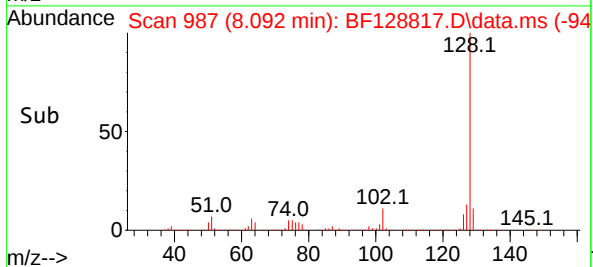
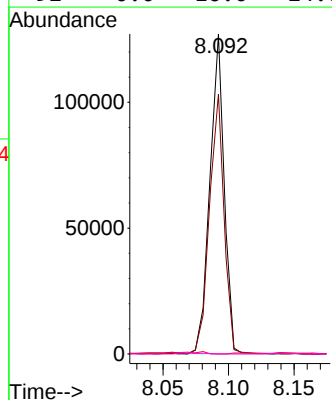
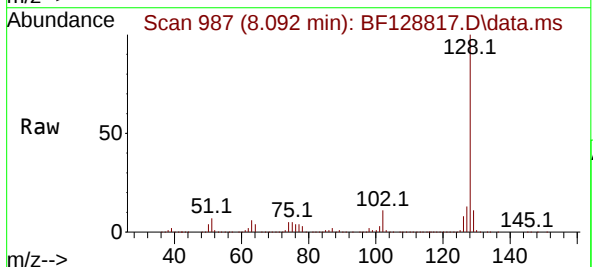
Instrument :
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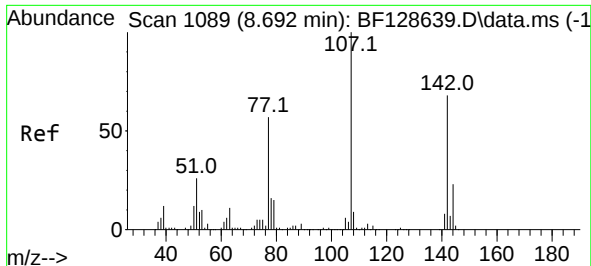
Tgt Ion:128 Resp: 730783
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.3 10.5 15.7



#33
4-Chloroaniline
Concen: 29.603 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.053 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

Tgt Ion:127 Resp: 96770
Ion Ratio Lower Upper
127 100
129 81.2 26.4 39.6#
65 0.0 26.4 39.6#
92 0.0 16.0 24.0#





#36

4-Chloro-3-methylphenol

Concen: 7.823 ng

RT: 8.645 min Scan# 1104

Delta R.T. -0.000 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

Instrument :

BNA_F

ClientSampleId :

SU-02-061322

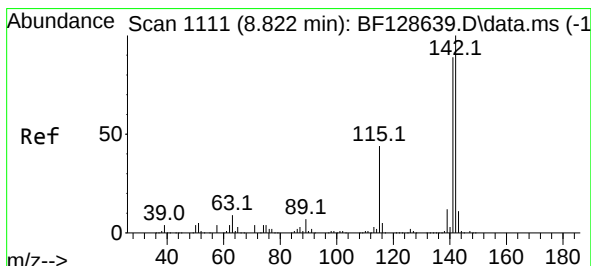
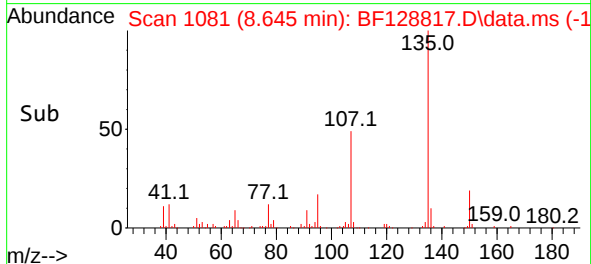
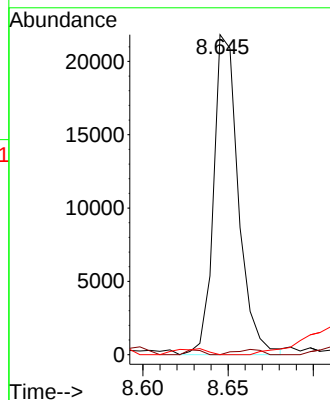
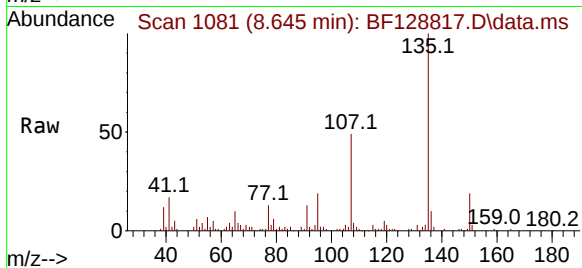
Tgt Ion:107 Resp: 22093

Ion Ratio Lower Upper

107 100

144 0.0 19.5 29.3#

142 0.0 58.2 87.4#



#37

2-Methylnaphthalene

Concen: 31.878 ng

RT: 8.781 min Scan# 1104

Delta R.T. -0.000 min

Lab File: BF128817.D

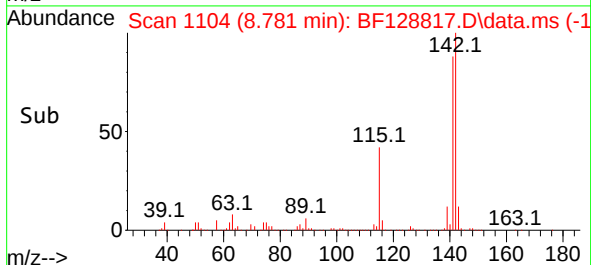
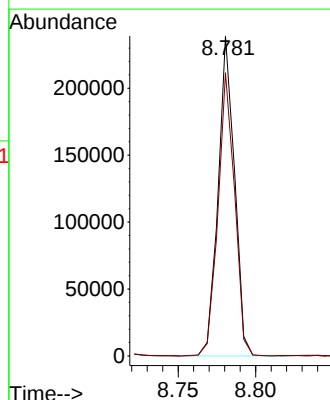
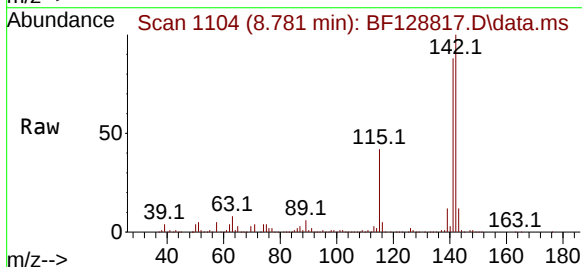
Acq: 14 Jun 2022 23:43

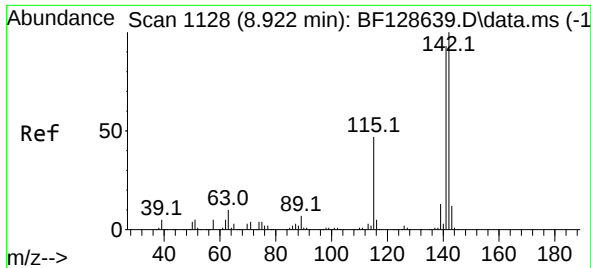
Tgt Ion:142 Resp: 175802

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.4

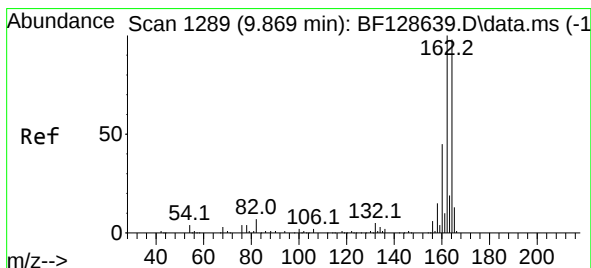
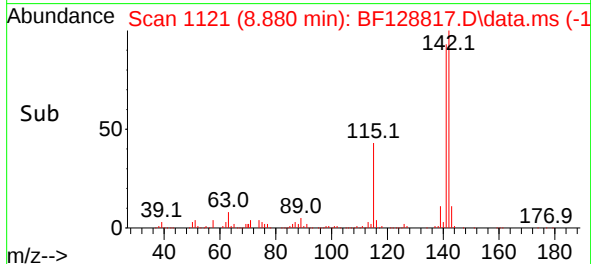
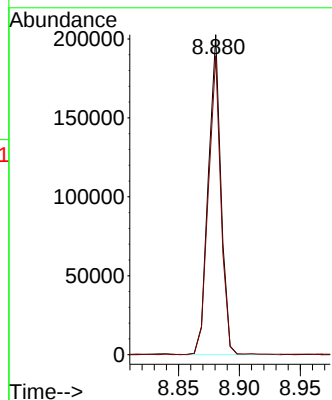
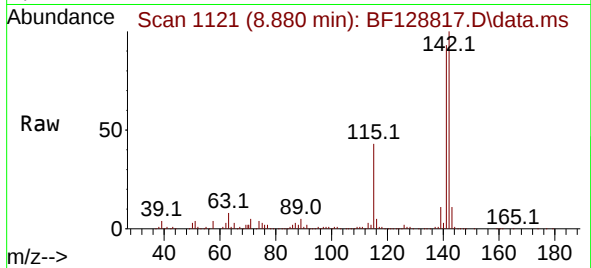




#38
1-Methylnaphthalene
Concen: 27.444 ng
RT: 8.880 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

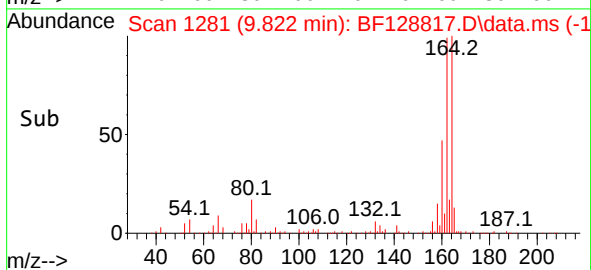
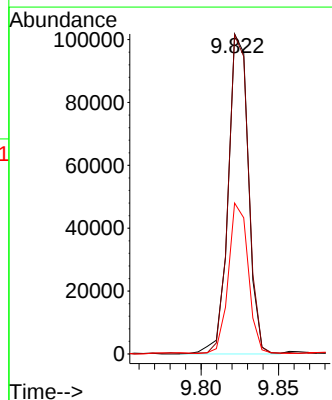
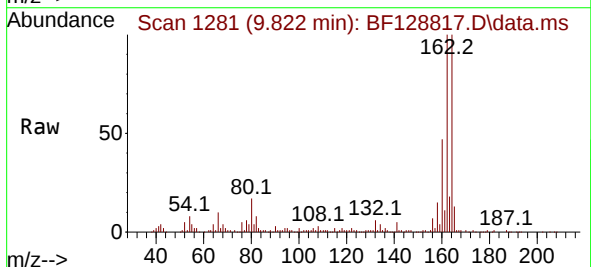
Instrument :
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SU-02-061322

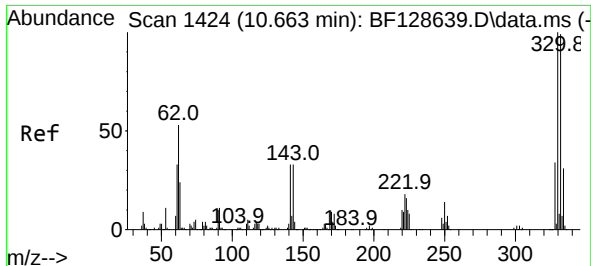
Tgt Ion:142 Resp: 146226
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

Tgt Ion:164 Resp: 92454
Ion Ratio Lower Upper
164 100
162 99.8 79.5 119.3
160 47.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 96.473 ng

RT: 10.622 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF128817.D

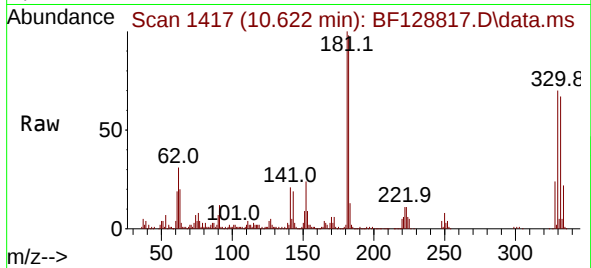
Acq: 14 Jun 2022 23:43

Instrument :

BNA_F

ClientSampleId :

SU-02-061322



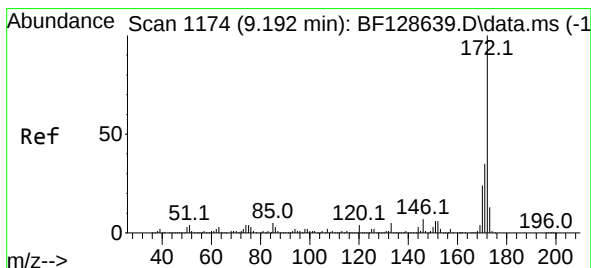
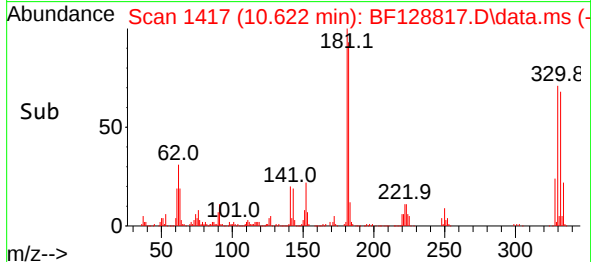
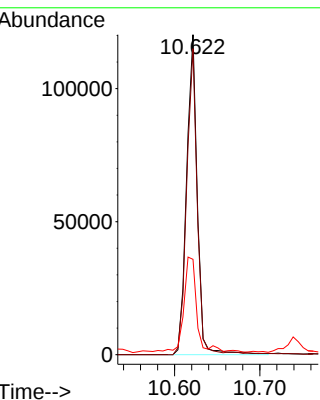
Tgt Ion:330 Resp: 105386

Ion Ratio Lower Upper

330 100

332 93.2 76.8 115.2

141 34.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 68.574 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

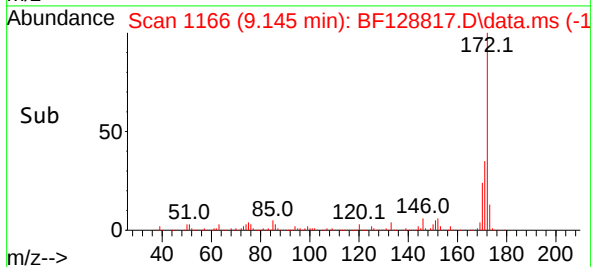
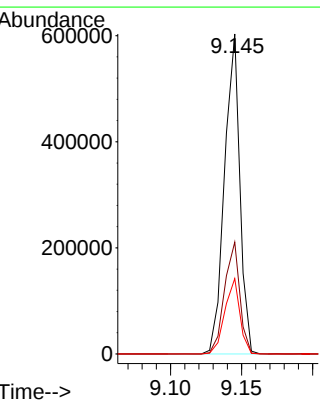
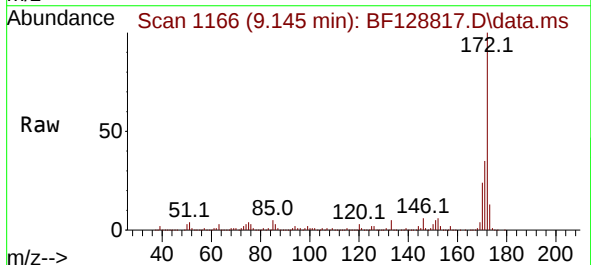
Tgt Ion:172 Resp: 452596

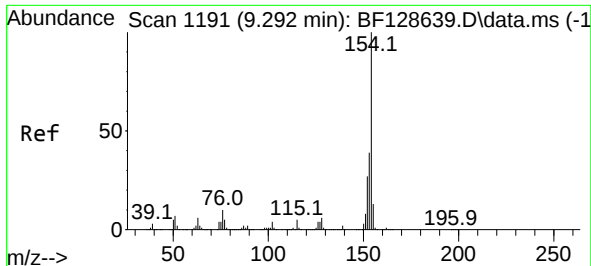
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.5 19.8 29.8





#46

1,1'-Biphenyl

Concen: 13.104 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

Instrument :

BNA_F

ClientSampleId :

SU-02-061322

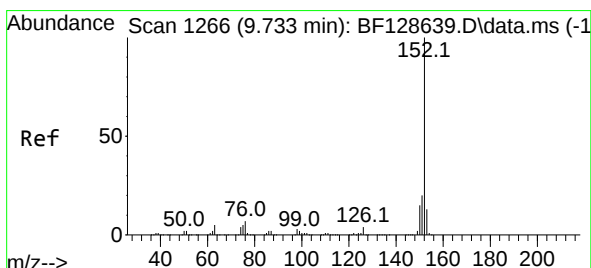
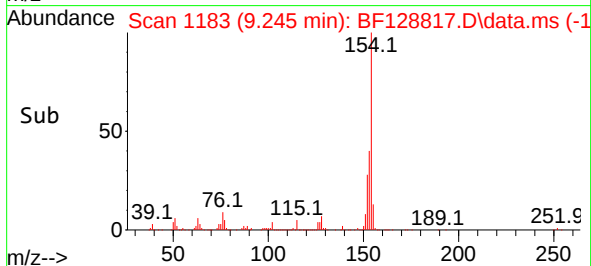
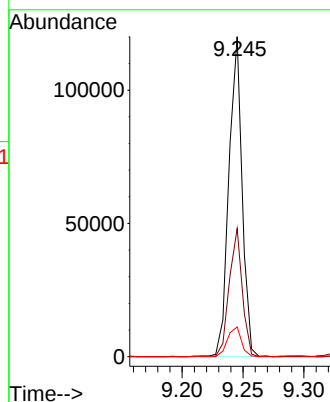
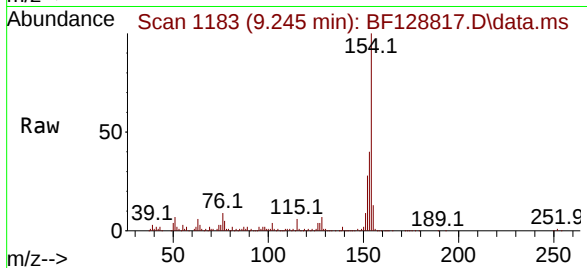
Tgt Ion:154 Resp: 90904

Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

76 9.3 0.0 33.3



#49

Acenaphthylene

Concen: 20.508 ng

RT: 9.686 min Scan# 1258

Delta R.T. -0.000 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

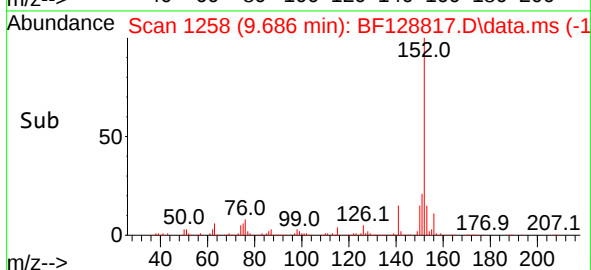
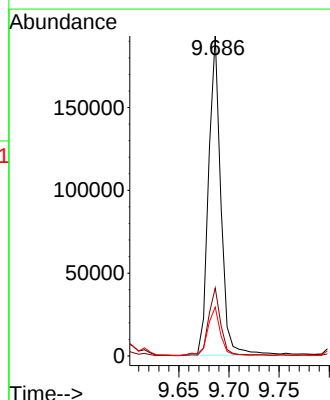
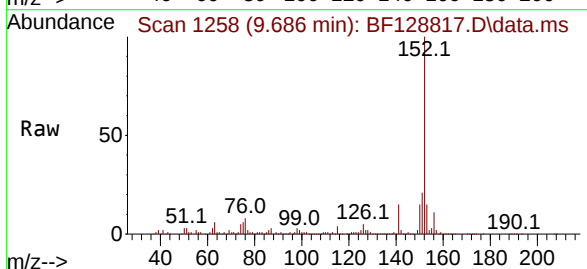
Tgt Ion:152 Resp: 166192

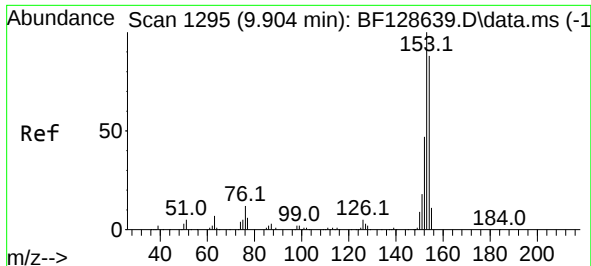
Ion Ratio Lower Upper

152 100

151 21.3 16.2 24.4

153 15.2 10.7 16.1

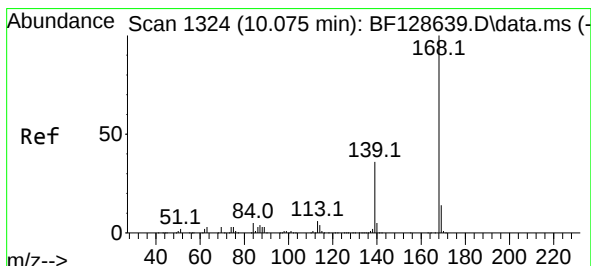
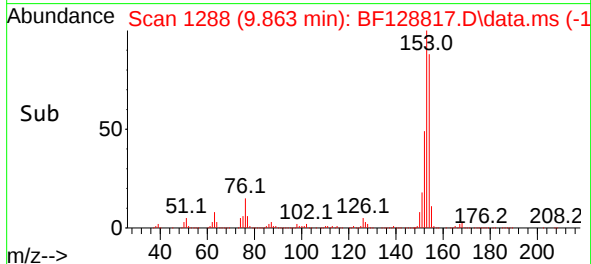
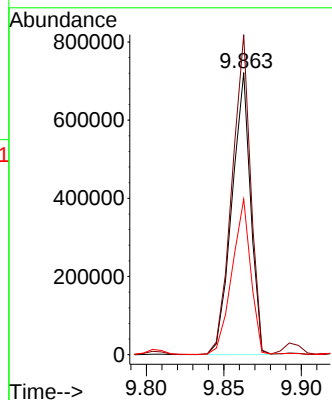
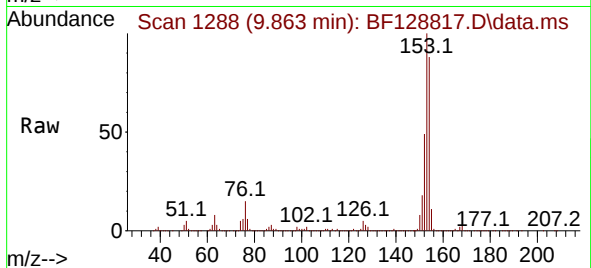




#52
Acenaphthene
Concen: 114.701 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

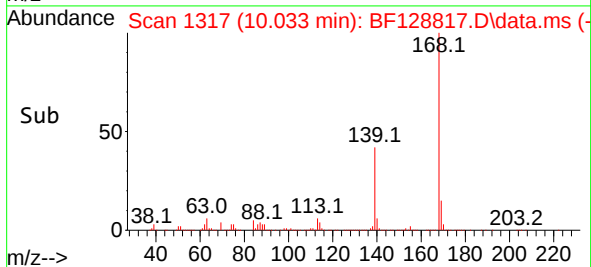
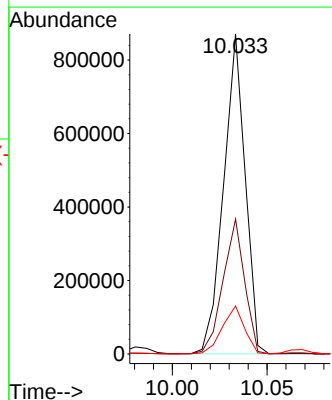
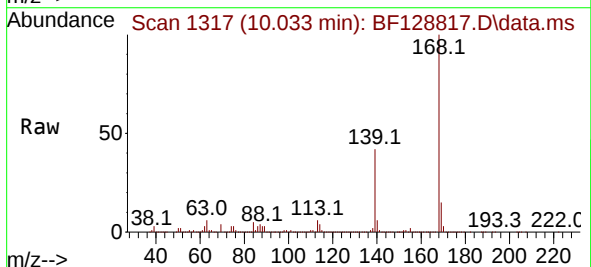
Instrument :
BNA_F
ClientSampleId :
SU-02-061322

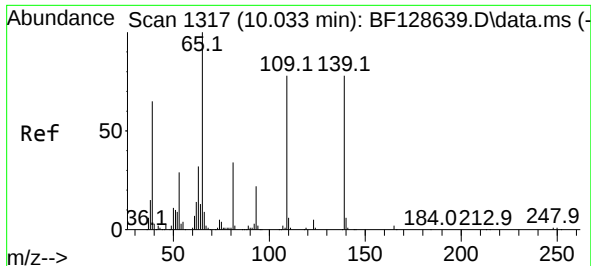
Tgt Ion:154 Resp: 605299
Ion Ratio Lower Upper
154 100
153 113.4 89.6 134.4
152 55.1 42.4 63.6



#55
Dibenzofuran
Concen: 91.010 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

Tgt Ion:168 Resp: 690244
Ion Ratio Lower Upper
168 100
139 42.2 30.6 46.0
169 15.0 11.0 16.6

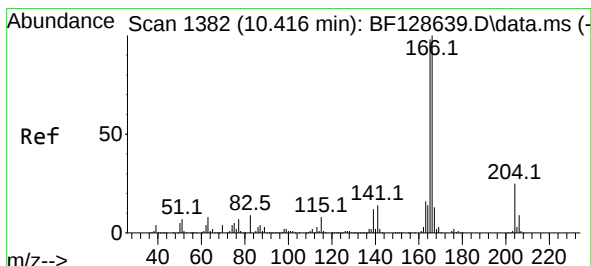
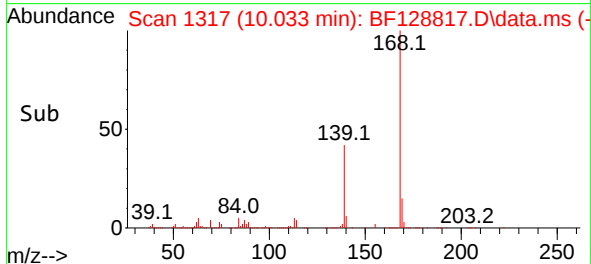
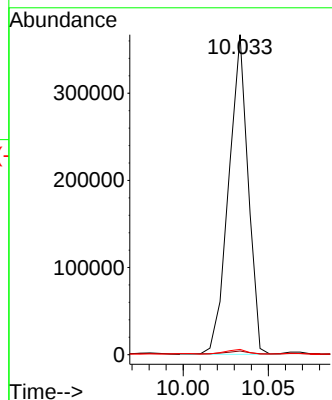
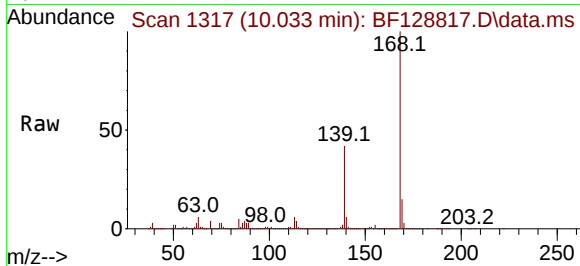




#56
4-Nitrophenol
Concen: 296.743 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

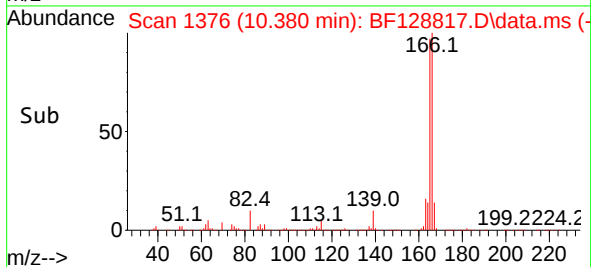
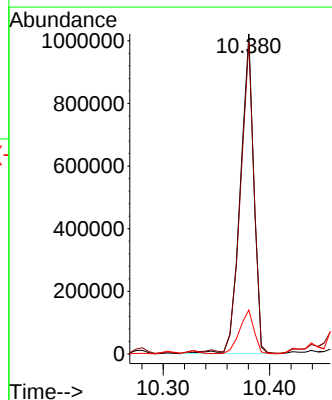
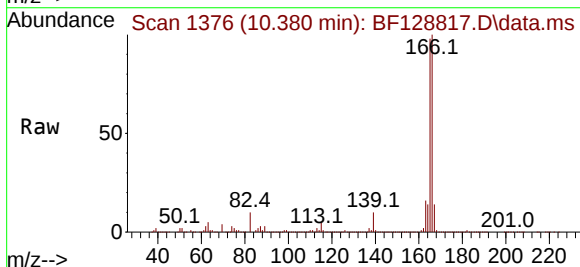
Instrument :
BNA_F
ClientSampleId :
SU-02-061322

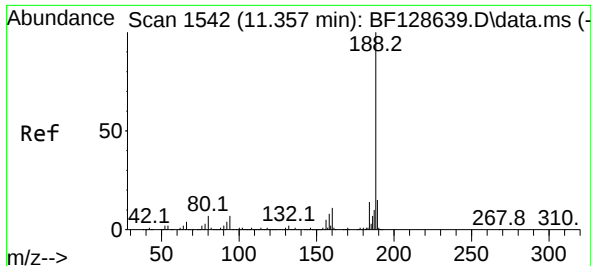
Tgt Ion:139 Resp: 291587
Ion Ratio Lower Upper
139 100
109 1.1 50.7 90.7#
65 1.6 74.5 114.5#



#58
Fluorene
Concen: 152.624 ng
RT: 10.380 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

Tgt Ion:166 Resp: 897687
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.8 10.5 15.7

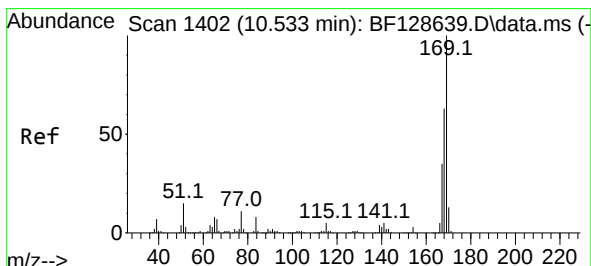
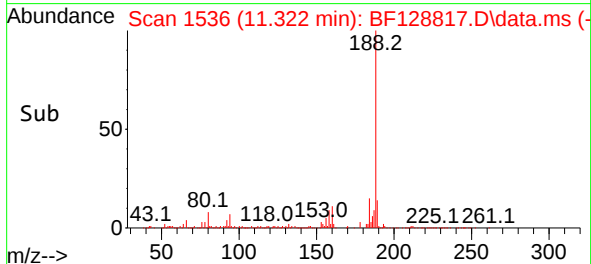
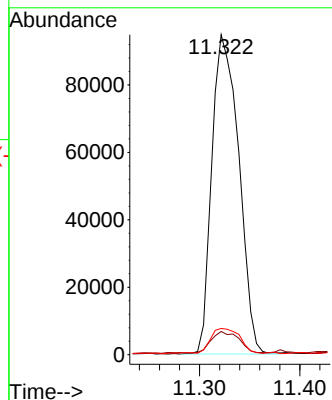
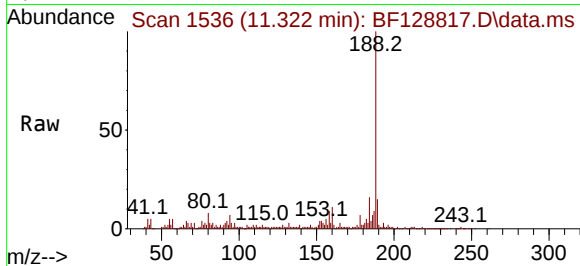




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

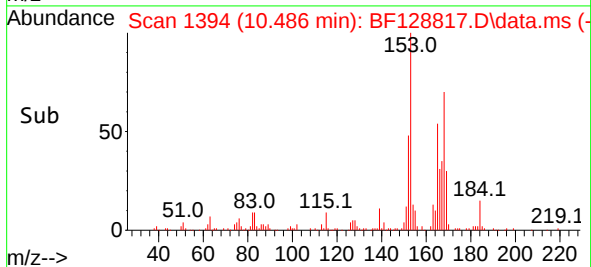
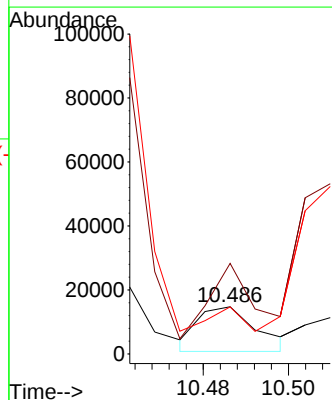
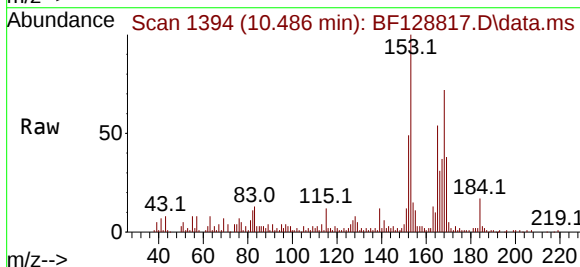
Instrument :
BNA_F
ClientSampleId :
SU-02-061322

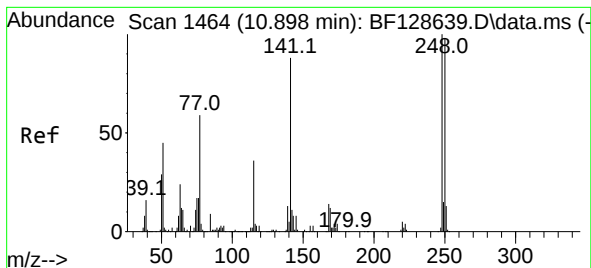
Tgt Ion:188 Resp: 176690
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 8.2 7.6 11.4



#66
n-Nitrosodiphenylamine
Concen: 2.445 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

Tgt Ion:169 Resp: 13277
Ion Ratio Lower Upper
169 100
168 191.7 50.1 75.1#
167 99.5 27.9 41.9#

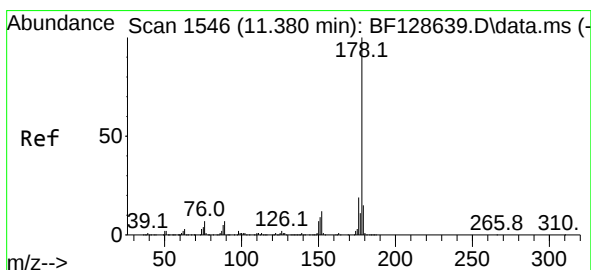
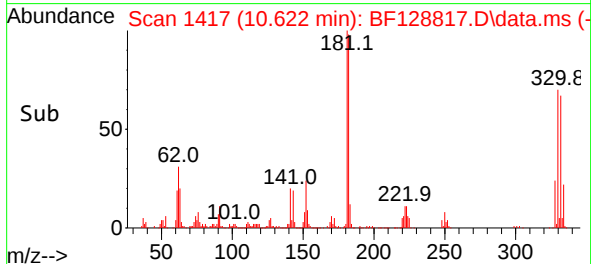
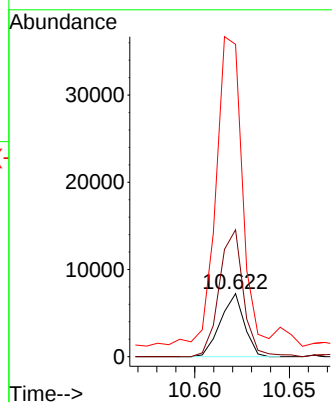
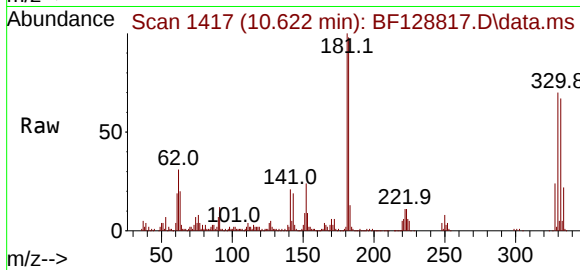




#67
4-Bromophenyl-phenylether
Concen: 3.197 ng
RT: 10.622 min Scan# 1464
Delta R.T. -0.235 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

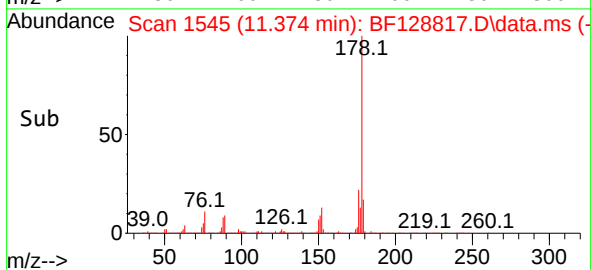
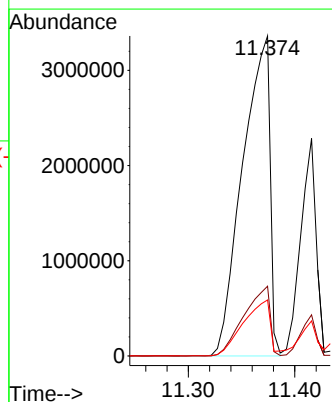
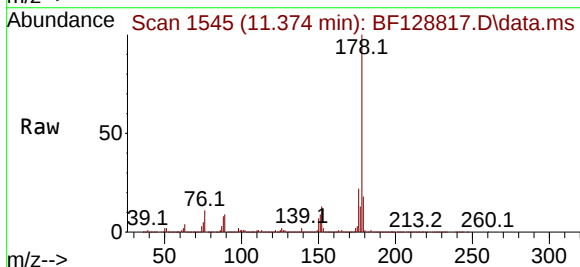
Instrument :
BNA_F
ClientSampleId :
SU-02-061322

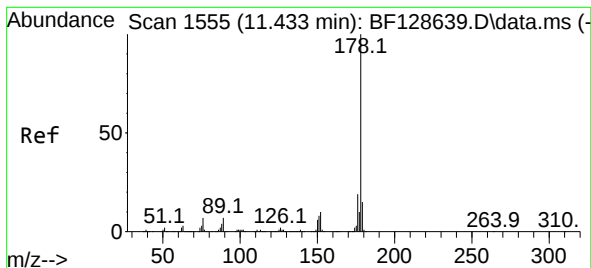
Tgt Ion:248 Resp: 6299
Ion Ratio Lower Upper
248 100
250 201.5 80.6 120.8#
141 496.0 58.9 88.3#



#71
Phenanthrene
Concen: 674.894 ng
RT: 11.374 min Scan# 1545
Delta R.T. 0.035 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

Tgt Ion:178 Resp: 5981180
Ion Ratio Lower Upper
178 100
176 21.8 16.0 24.0
179 17.5 12.6 19.0





#72

Anthracene

Concen: 264.360 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

Instrument :

BNA_F

ClientSampleId :

SU-02-061322

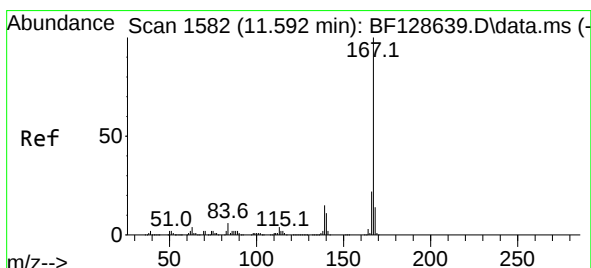
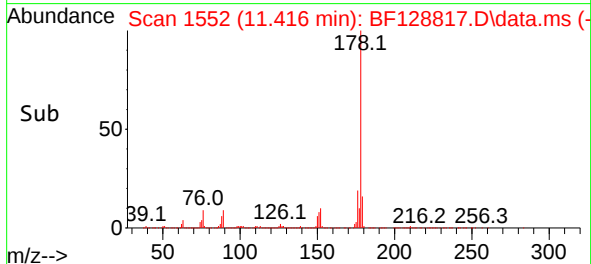
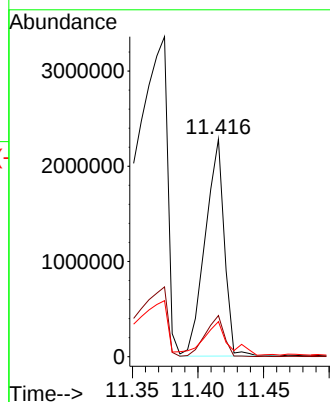
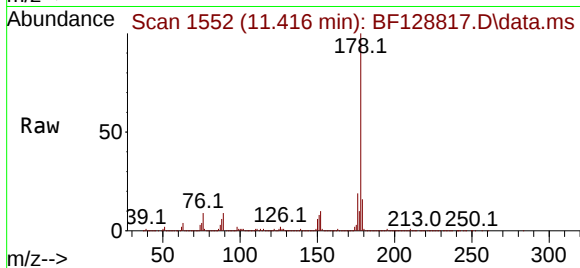
Tgt Ion:178 Resp: 2318938

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 16.1 12.6 19.0



#73

Carbazole

Concen: 52.109 ng

RT: 11.557 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

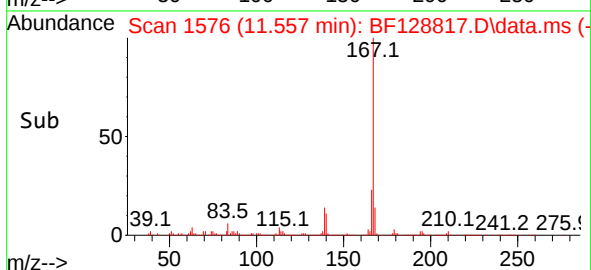
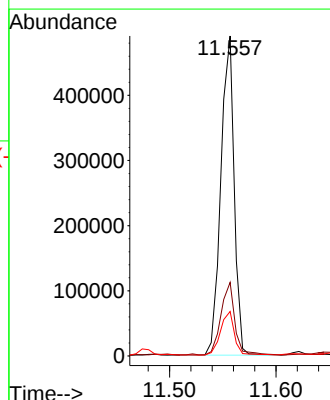
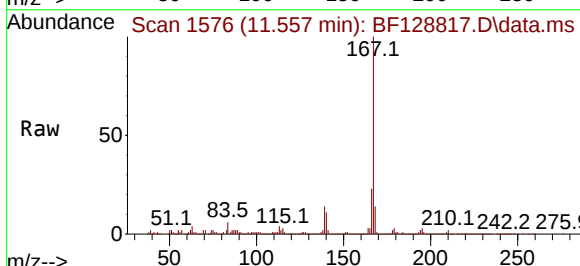
Tgt Ion:167 Resp: 424547

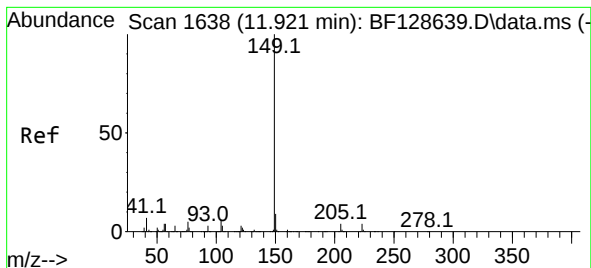
Ion Ratio Lower Upper

167 100

166 23.0 17.7 26.5

139 13.9 11.2 16.8





#74

Di-n-butylphthalate

Concen: 3.094 ng

RT: 11.880 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

Instrument :

BNA_F

ClientSampleId :

SU-02-061322

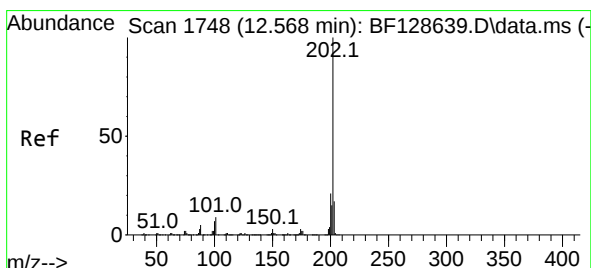
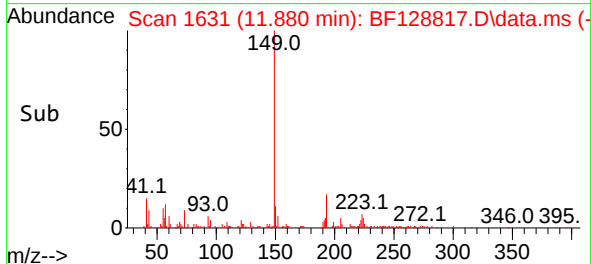
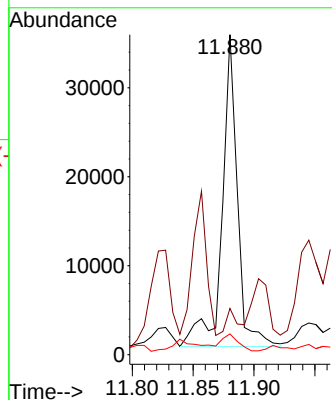
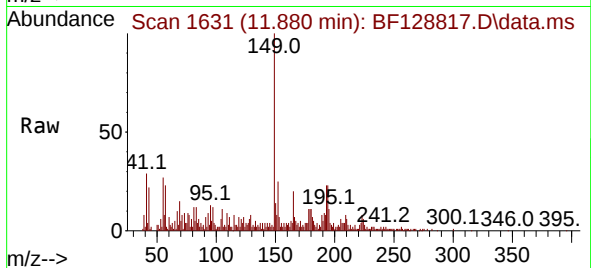
Tgt Ion:149 Resp: 30691

Ion Ratio Lower Upper

149 100

150 14.5 7.5 11.3#

104 6.5 4.4 6.6



#75

Fluoranthene

Concen: 858.318 ng

RT: 12.586 min Scan# 1751

Delta R.T. 0.059 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

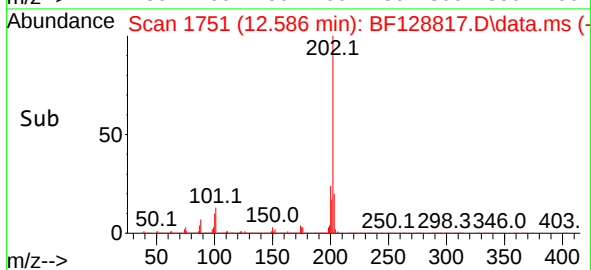
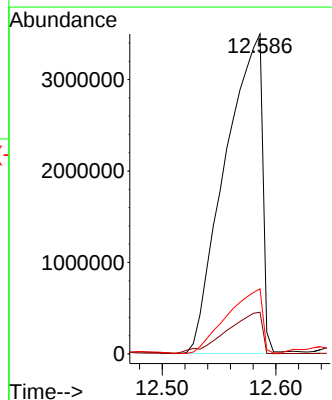
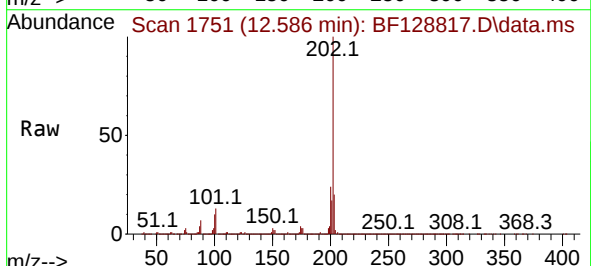
Tgt Ion:202 Resp: 7951336

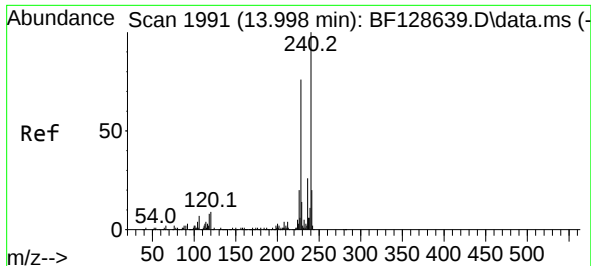
Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.4

203 20.3 0.0 38.0

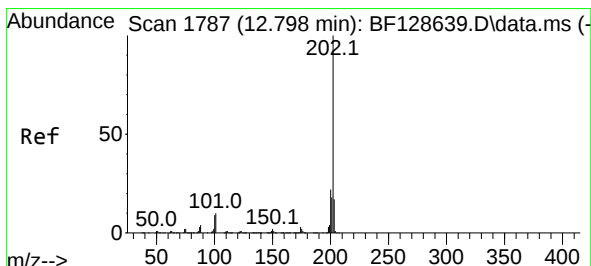
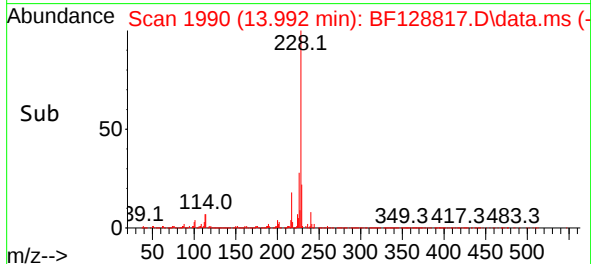
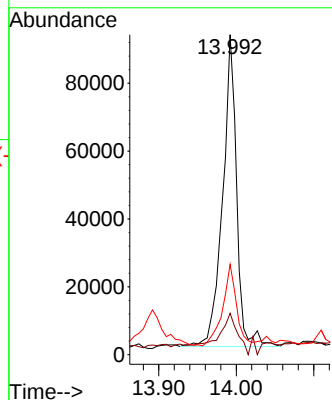
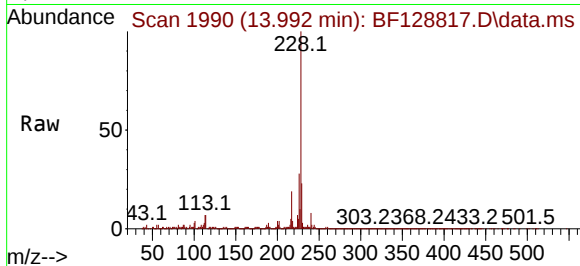




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

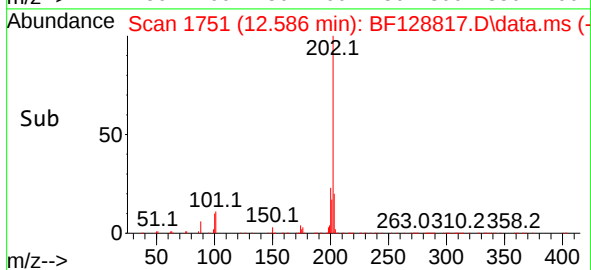
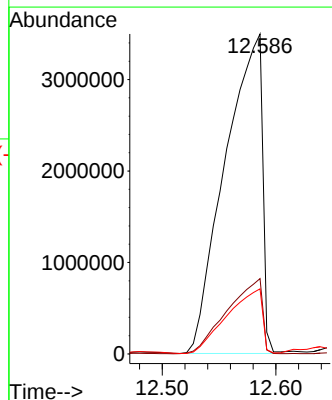
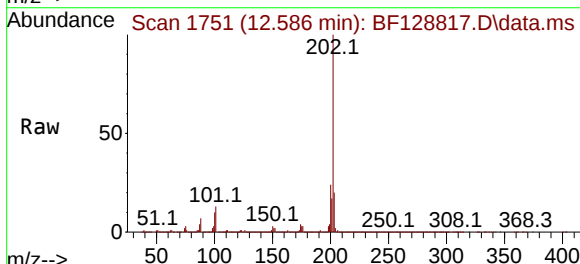
Instrument :
BNA_F
ClientSampleId :
SU-02-061322

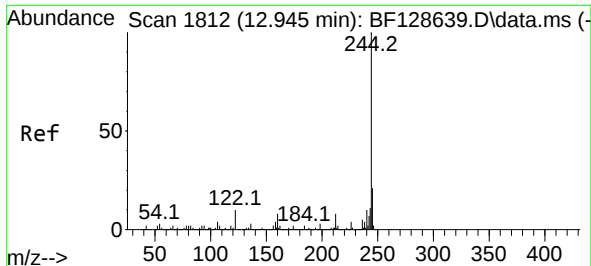
Tgt Ion:240 Resp: 115853
Ion Ratio Lower Upper
240 100
120 13.0 8.9 13.3
236 28.2 20.8 31.2



#78
Pyrene
Concen: 922.492 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.171 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

Tgt Ion:202 Resp: 7951336
Ion Ratio Lower Upper
202 100
200 23.6 17.7 26.5
203 20.3 14.6 21.8

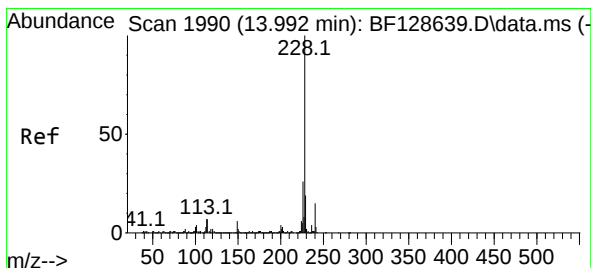
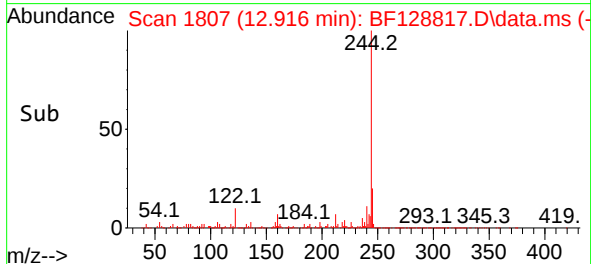
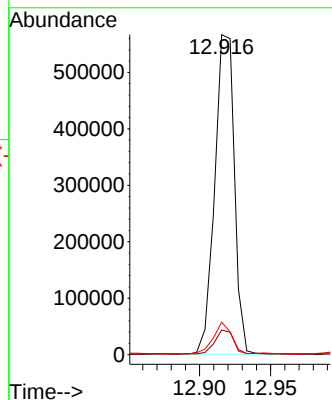
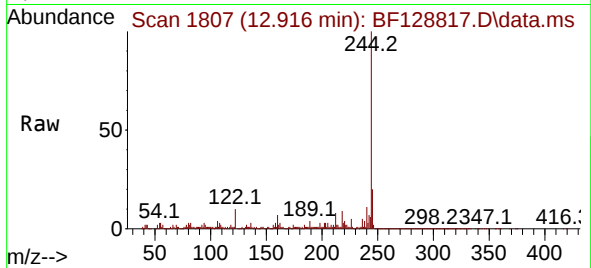




#79
 Terphenyl-d14
 Concen: 81.688 ng
 RT: 12.916 min Scan# 1807
 Delta R.T. 0.012 min
 Lab File: BF128817.D
 Acq: 14 Jun 2022 23:43

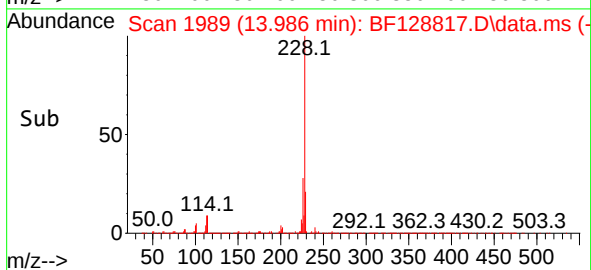
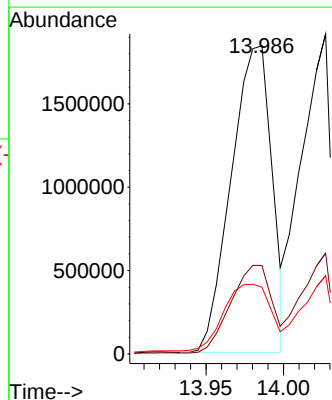
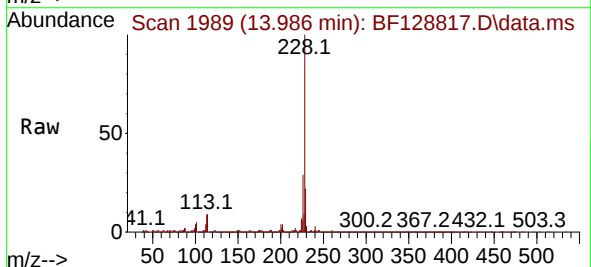
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061322

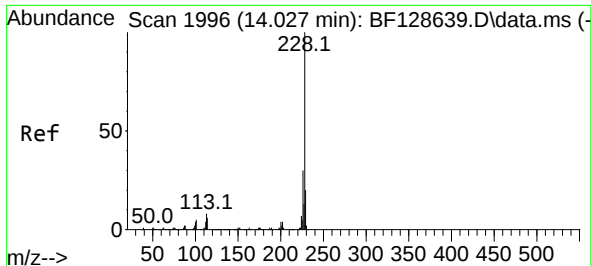
Tgt Ion:244 Resp: 544639
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 10.1 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 465.033 ng
 RT: 13.986 min Scan# 1989
 Delta R.T. 0.035 min
 Lab File: BF128817.D
 Acq: 14 Jun 2022 23:43

Tgt Ion:228 Resp: 3358249
 Ion Ratio Lower Upper
 228 100
 226 28.7 22.1 33.1
 229 21.7 15.8 23.8

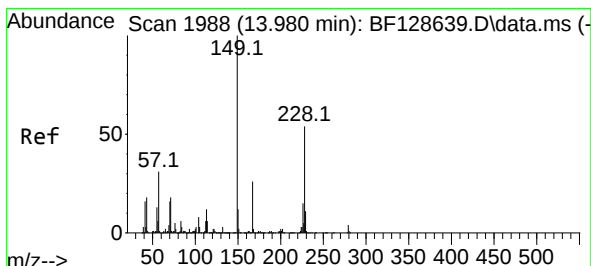
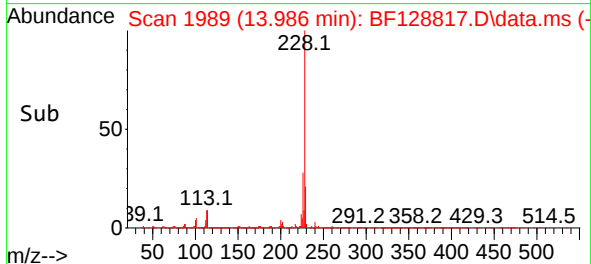
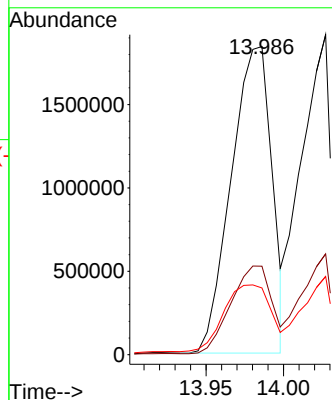
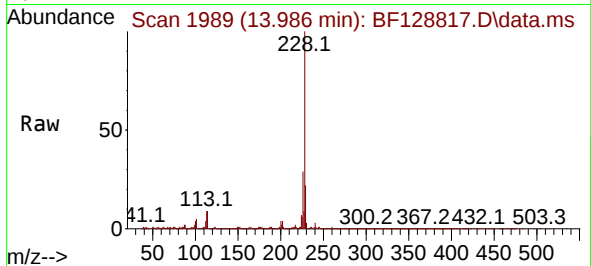




#83
Chrysene
Concen: 487.776 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

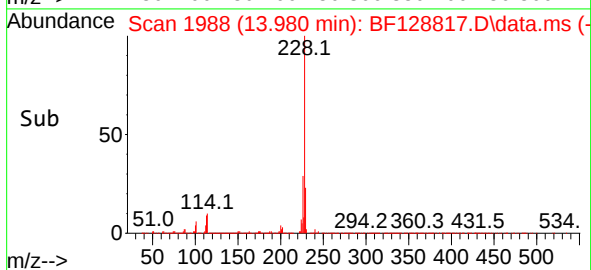
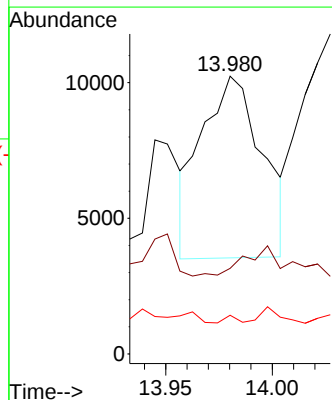
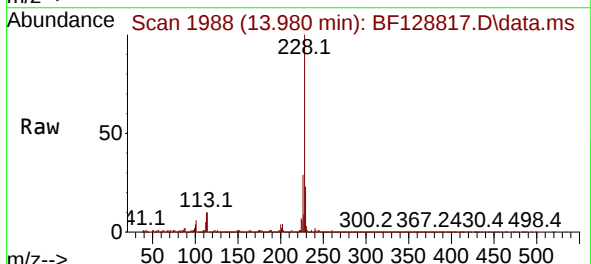
Instrument :
BNA_F
ClientSampleId :
SU-02-061322

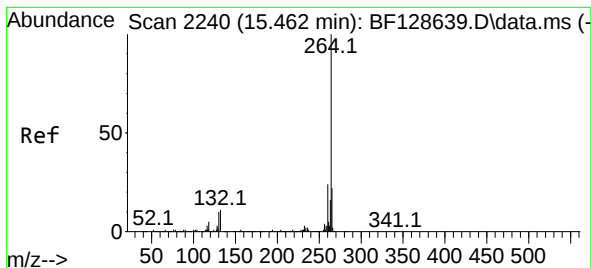
Tgt Ion:228 Resp: 3358249
Ion Ratio Lower Upper
228 100
226 28.7 24.3 36.5
229 21.7 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.832 ng
RT: 13.980 min Scan# 1988
Delta R.T. 0.041 min
Lab File: BF128817.D
Acq: 14 Jun 2022 23:43

Tgt Ion:149 Resp: 13329
Ion Ratio Lower Upper
149 100
167 30.8 21.0 31.4
279 13.9 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

Instrument :

BNA_F

ClientSampleId :

SU-02-061322

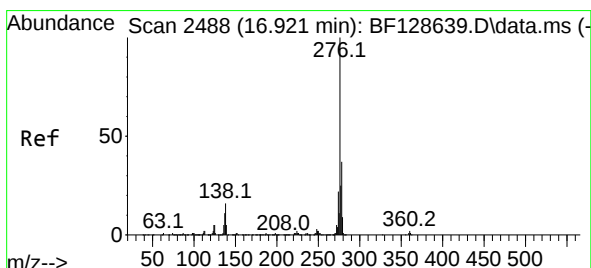
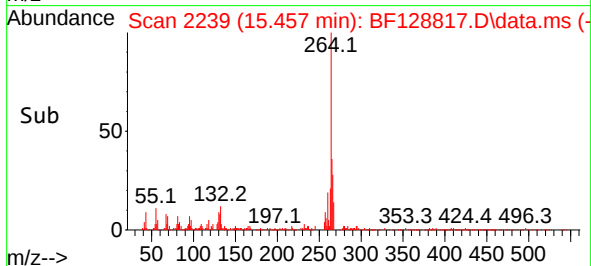
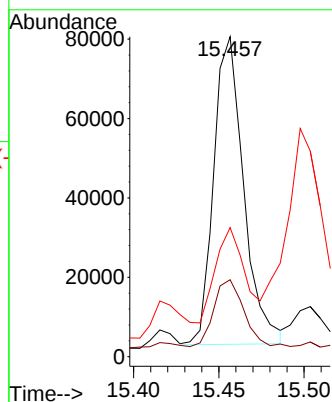
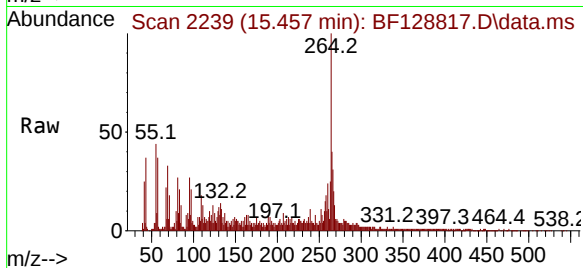
Tgt Ion:264 Resp: 94819

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 40.4 17.2 25.8#



#87

Indeno(1,2,3-cd)pyrene

Concen: 204.355 ng

RT: 16.945 min Scan# 2492

Delta R.T. 0.082 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

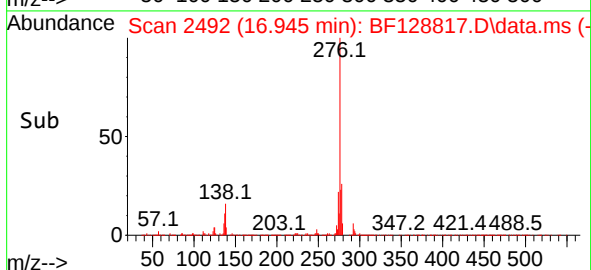
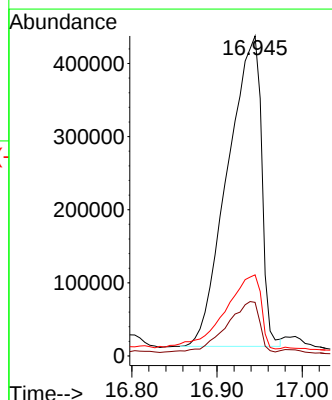
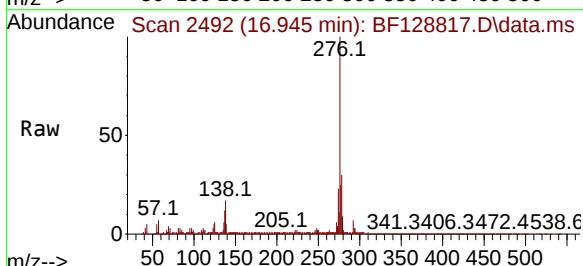
Tgt Ion:276 Resp: 1167888

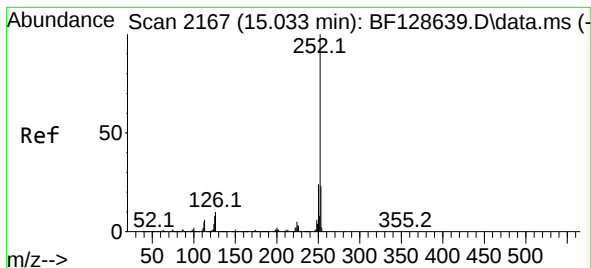
Ion Ratio Lower Upper

276 100

138 16.6 21.1 31.7#

277 26.7 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 655.474 ng

RT: 15.039 min Scan# 2167

Delta R.T. 0.047 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

Instrument :

BNA_F

ClientSampleId :

SU-02-061322

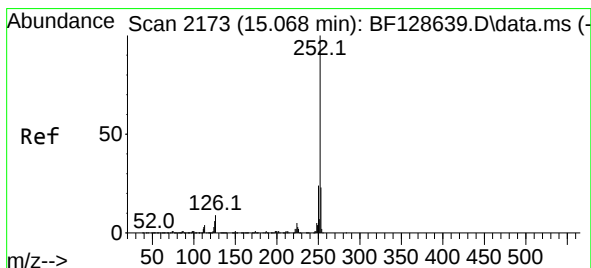
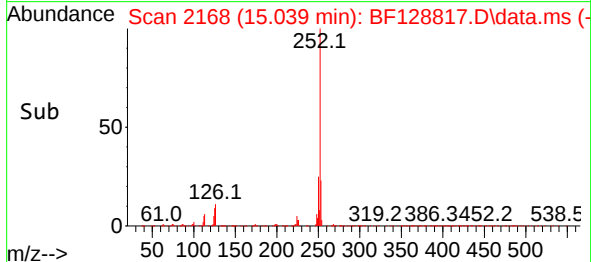
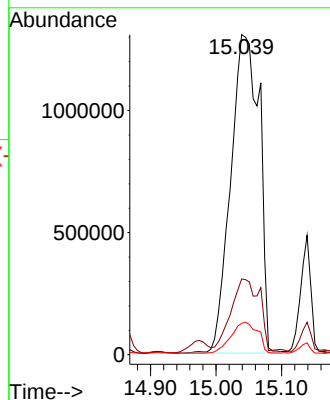
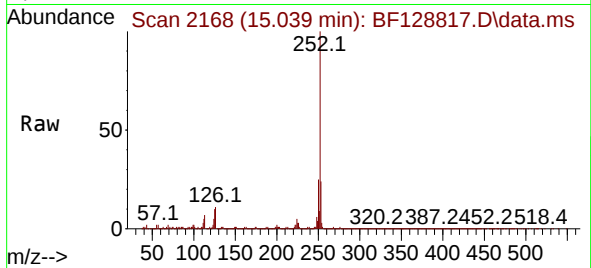
Tgt Ion:252 Resp: 3971392

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 9.8 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 696.798 ng

RT: 15.039 min Scan# 2168

Delta R.T. 0.012 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

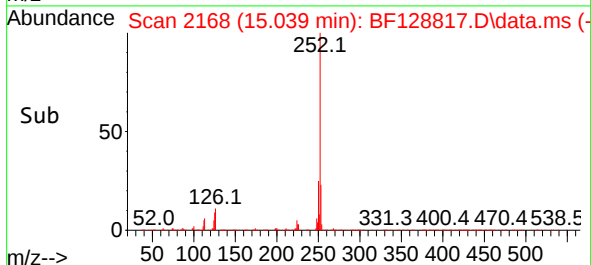
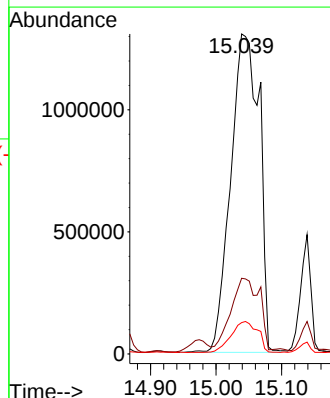
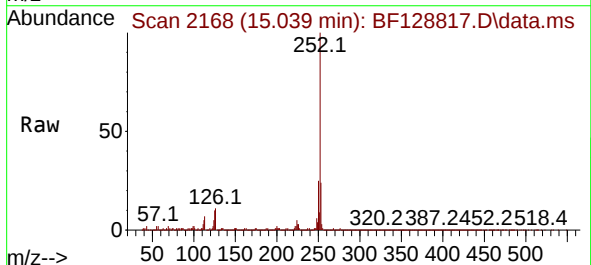
Tgt Ion:252 Resp: 3971392

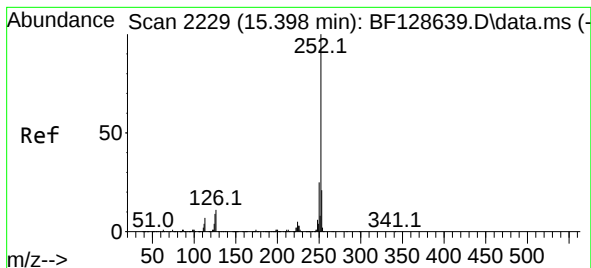
Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

125 9.8 8.3 12.5





#90

Benzo(a)pyrene

Concen: 466.463 ng

RT: 15.415 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

Instrument :

BNA_F

ClientSampleId :

SU-02-061322

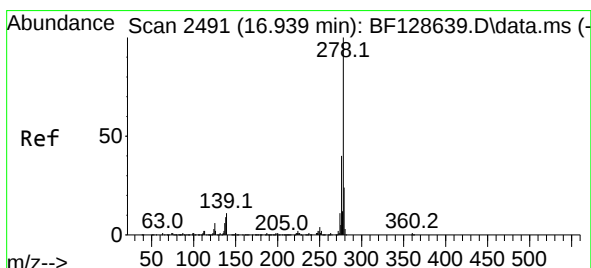
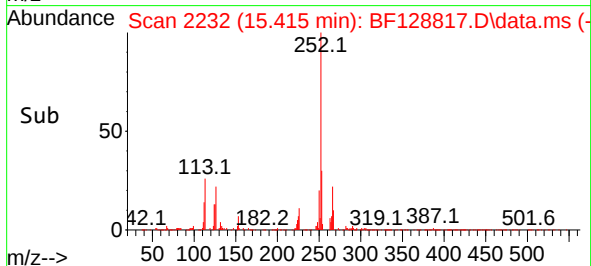
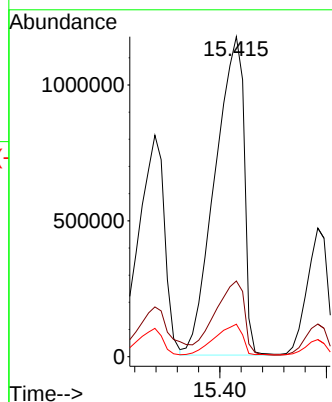
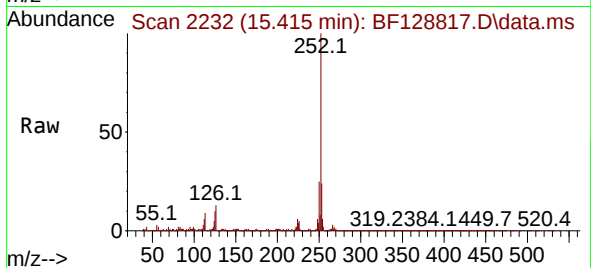
Tgt Ion:252 Resp: 2221301

Ion Ratio Lower Upper

252 100

253 23.7 17.0 25.6

125 10.1 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 52.754 ng

RT: 17.086 min Scan# 2516

Delta R.T. 0.212 min

Lab File: BF128817.D

Acq: 14 Jun 2022 23:43

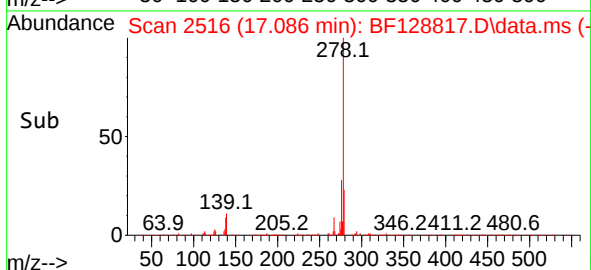
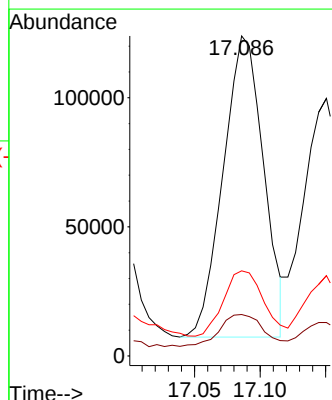
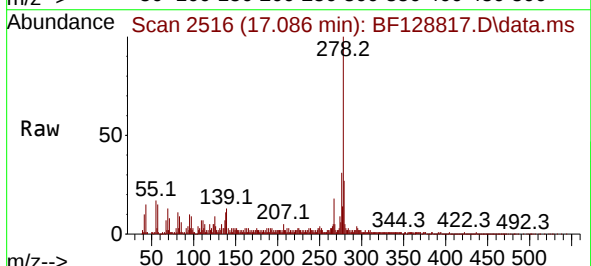
Tgt Ion:278 Resp: 250079

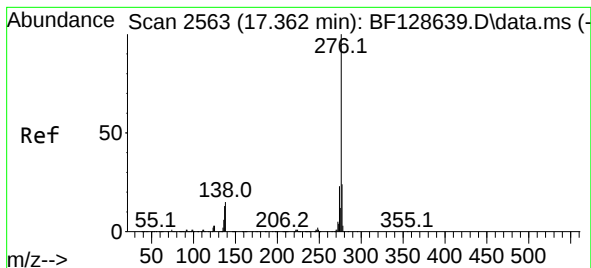
Ion Ratio Lower Upper

278 100

139 12.9 12.8 19.2

279 26.6 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 219.722 ng

RT: 17.392 min Scan# 21

Delta R.T. 0.094 min

Lab File: BF128817.D

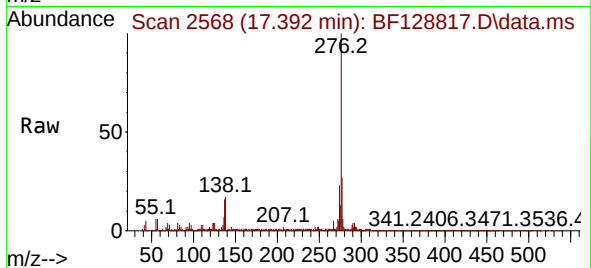
Acq: 14 Jun 2022 23:43

Instrument :

BNA_F

ClientSampleId :

SU-02-061322



Tgt Ion:276 Resp: 1032299

Ion Ratio Lower Upper

276 100

277 26.6 19.1 28.7

138 16.6 18.0 27.0#

