

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128859.D
 Acq On : 17 Jun 2022 17:39
 Operator : CG\JU
 Sample : N3373-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-6N

Quant Time: Jun 18 05:07:05 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

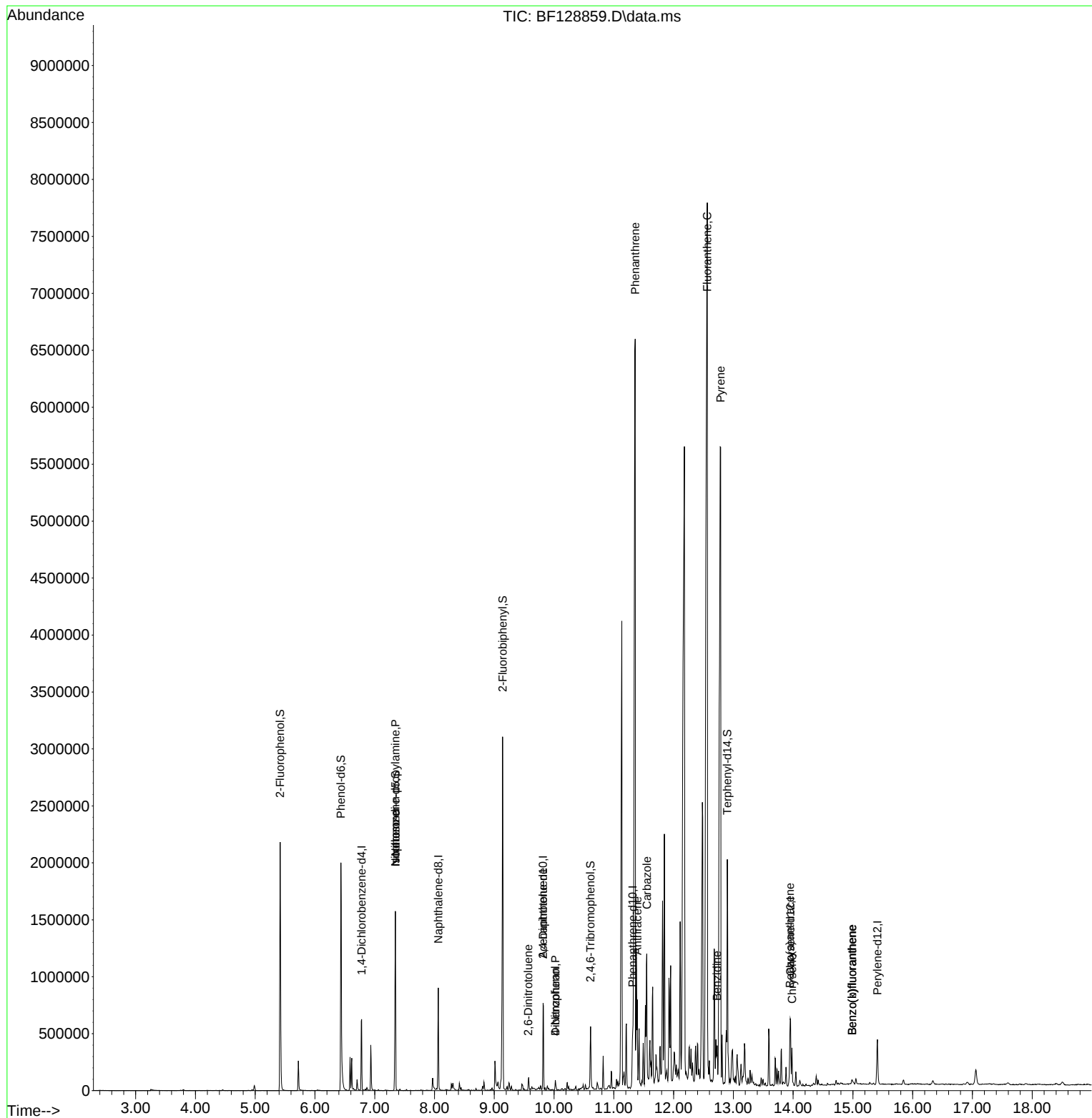
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	85678	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	338286	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	155204	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	238173	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	173507	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	173341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	500209	92.993	ng	0.00
7) Phenol-d6	6.434	99	674195	102.680	ng	0.00
23) Nitrobenzene-d5	7.346	82	470184	64.712	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	60488	32.985	ng	-0.01
45) 2-Fluorobiphenyl	9.140	172	903200	81.519	ng	0.00
79) Terphenyl-d14	12.898	244	644407	64.536	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.346	70	66713	16.341	ng	# 77
25) Isophorone	7.346	82	470178	42.607	ng	# 65
51) 2,6-Dinitrotoluene	9.569	165	5044	2.406	ng	# 48
55) Dibenzofuran	10.022	168	27275	2.142	ng	92
56) 4-Nitrophenol	10.022	139	12120	7.347	ng	# 10
57) 2,4-Dinitrotoluene	9.816	165	19831	7.087	ng	# 22
71) Phenanthrene	11.357	178	3624832	303.428	ng	99
72) Anthracene	11.392	178	312361	26.417	ng	99
73) Carbazole	11.551	167	441543	40.205	ng	99
75) Fluoranthene	12.563	202	5383429	431.109	ng	98
77) Benzidine	12.728	184	46986	13.585	ng	# 93
78) Pyrene	12.786	202	3432875	265.932	ng	100
81) Benzo(a)anthracene	13.945	228	139192	12.870	ng	98
83) Chrysene	13.980	228	110617	10.728	ng	97
88) Benzo(b)fluoranthene	14.986	252	23403	2.113	ng	97
89) Benzo(k)fluoranthene	14.986	252	23403	2.246	ng	97

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

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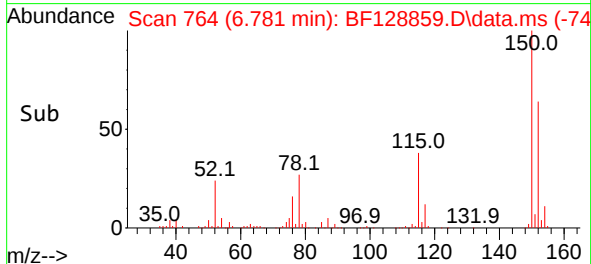
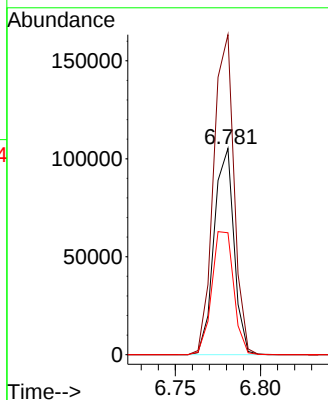
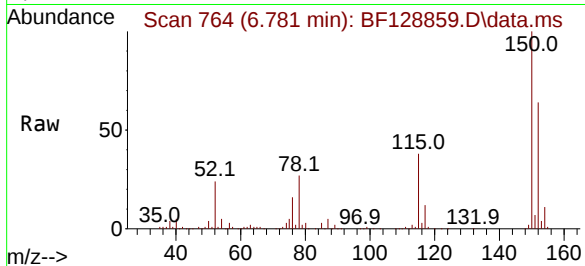




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

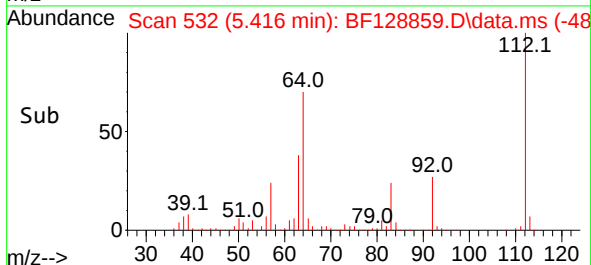
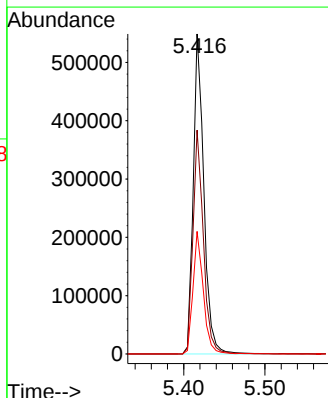
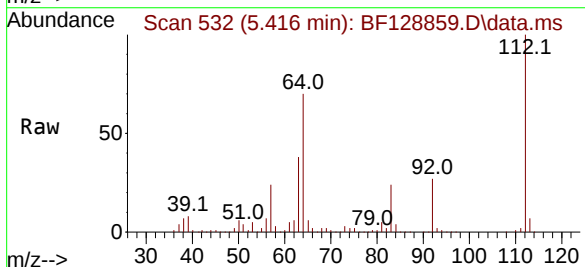
Instrument :
BNA_F
ClientSampleId :
SC-6N

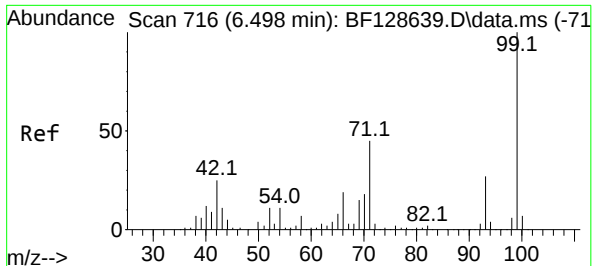
Tgt Ion:152 Resp: 85678
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 59.1 49.9 74.9



#5
2-Fluorophenol
Concen: 92.993 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

Tgt Ion:112 Resp: 500209
Ion Ratio Lower Upper
112 100
64 70.0 53.3 79.9
63 38.3 28.0 42.0

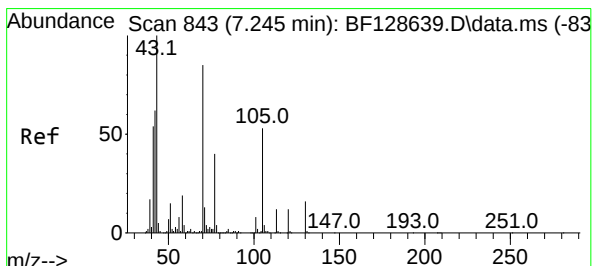
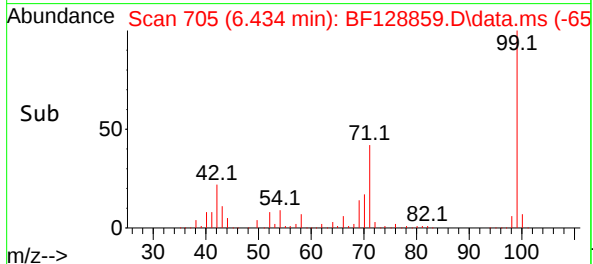
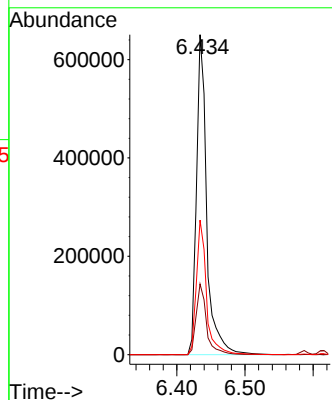
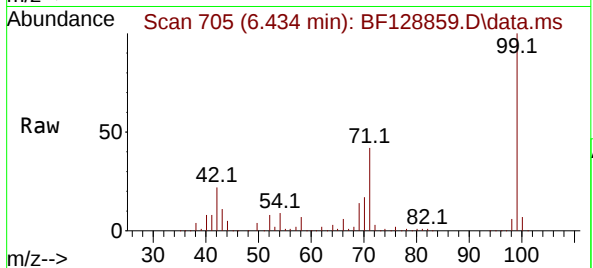




#7
Phenol-d6
Concen: 102.680 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

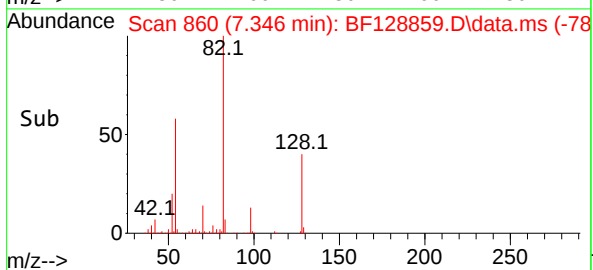
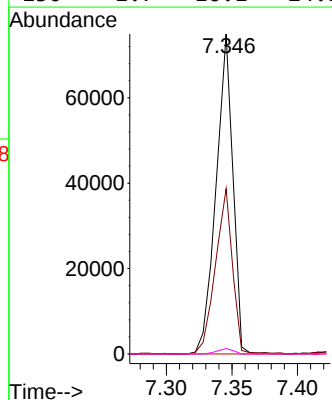
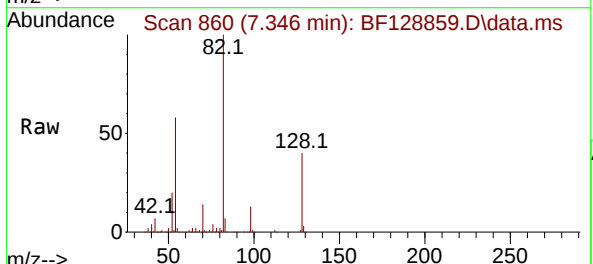
Instrument :
BNA_F
ClientSampleId :
SC-6N

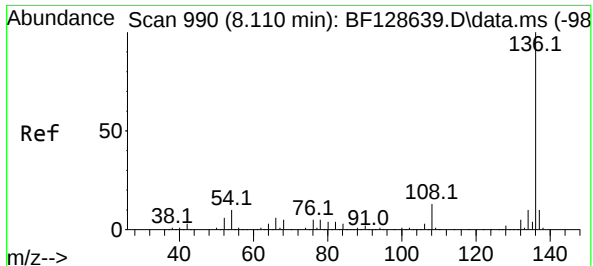
Tgt Ion: 99 Resp: 674195
Ion Ratio Lower Upper
99 100
42 22.1 17.3 25.9
71 42.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.341 ng
RT: 7.346 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

Tgt Ion: 70 Resp: 66713
Ion Ratio Lower Upper
70 100
42 51.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

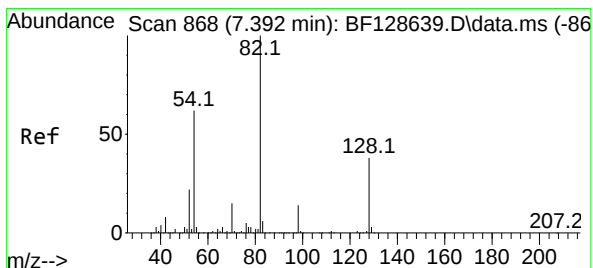
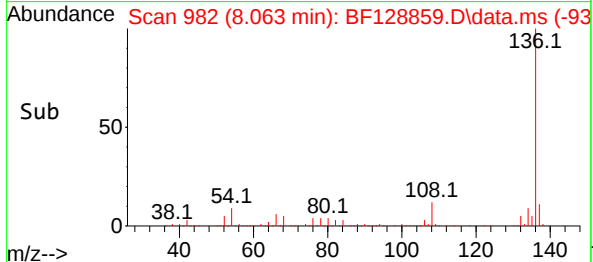
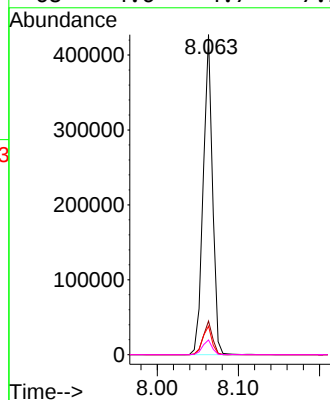
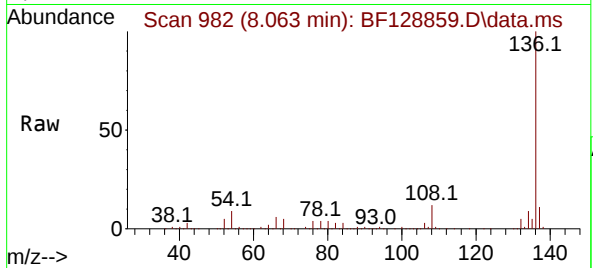




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

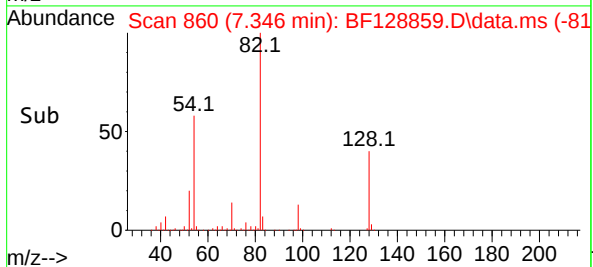
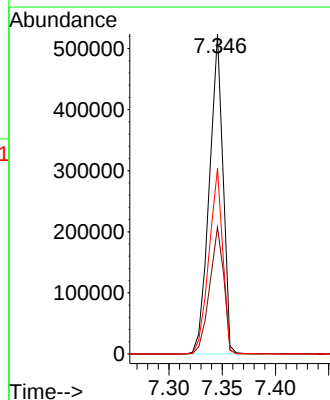
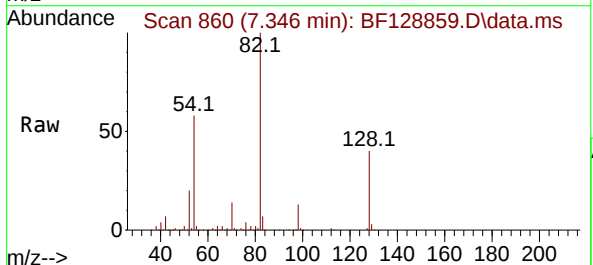
Instrument :
BNA_F
ClientSampleId :
SC-6N

Tgt Ion:136 Resp: 338286
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.9 7.5 11.3
68 4.6 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 64.712 ng
RT: 7.346 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

Tgt Ion: 82 Resp: 470184
Ion Ratio Lower Upper
82 100
128 39.7 34.0 51.0
54 58.0 46.9 70.3

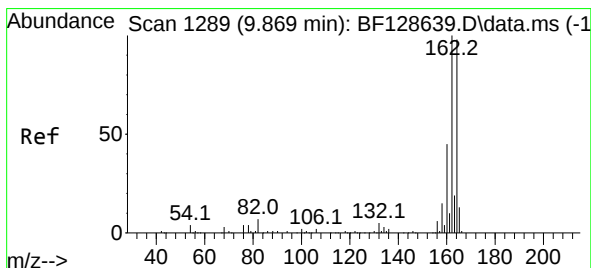
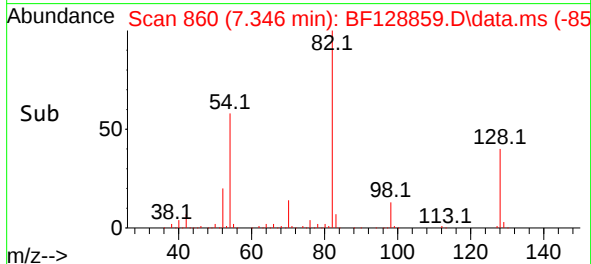
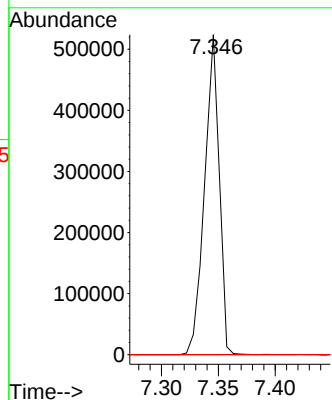
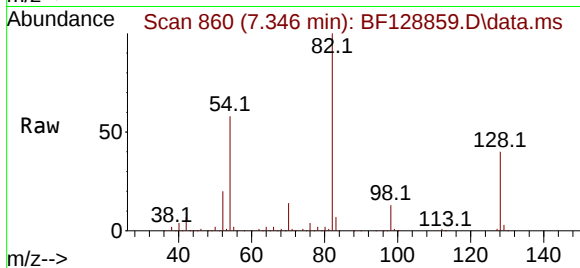




#25
Isophorone
Concen: 42.607 ng
RT: 7.346 min Scan# 80
Delta R.T. -0.264 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

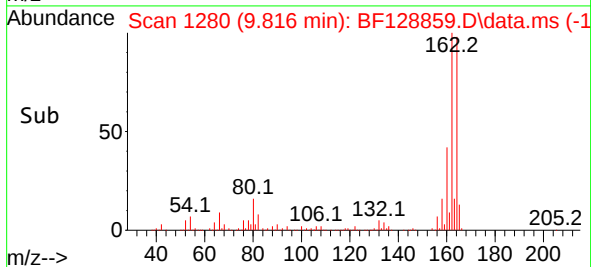
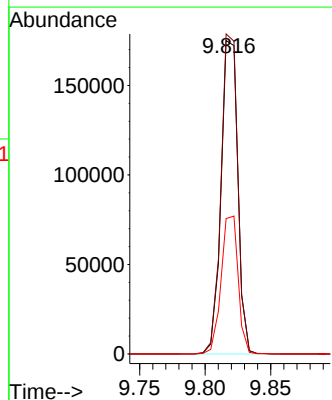
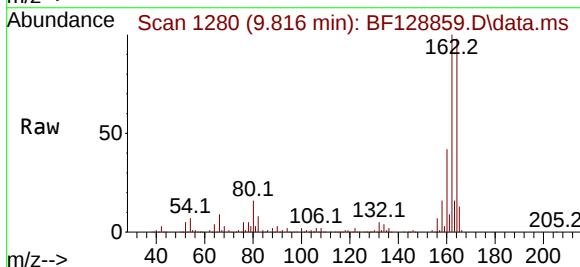
Instrument :
BNA_F
ClientSampleId :
SC-6N

Tgt Ion: 82 Resp: 470178
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

Tgt Ion:164 Resp: 155204
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 43.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 32.985 ng

RT: 10.610 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

Instrument :

BNA_F

ClientSampleId :

SC-6N

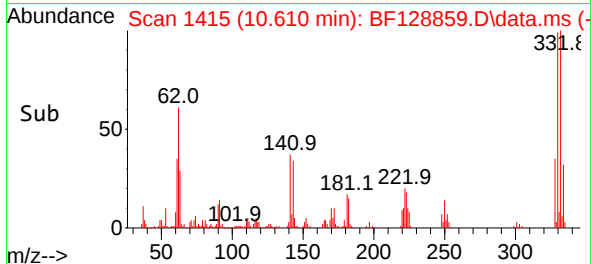
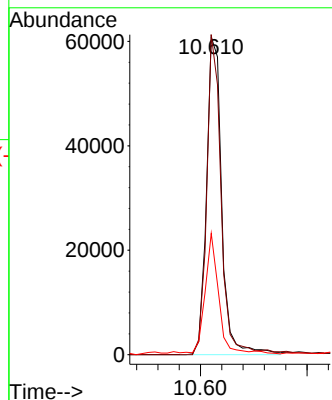
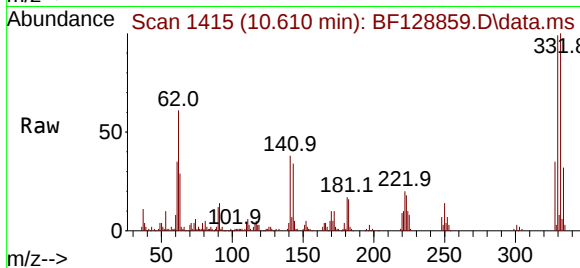
Tgt Ion:330 Resp: 60488

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 34.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.519 ng

RT: 9.140 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

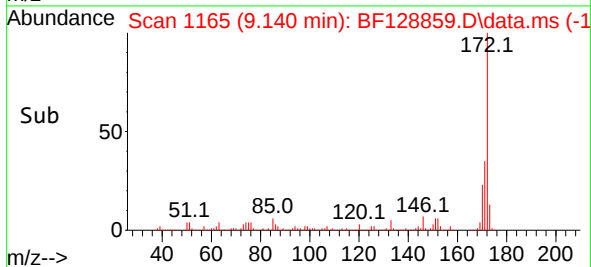
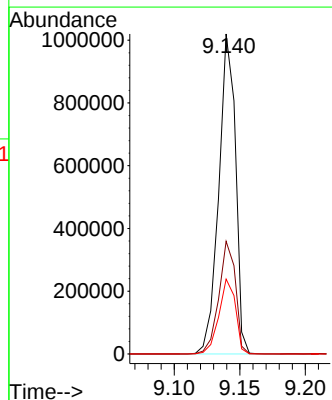
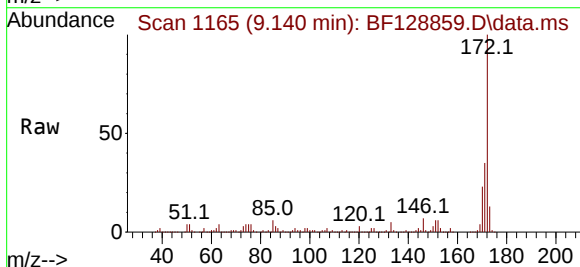
Tgt Ion:172 Resp: 903200

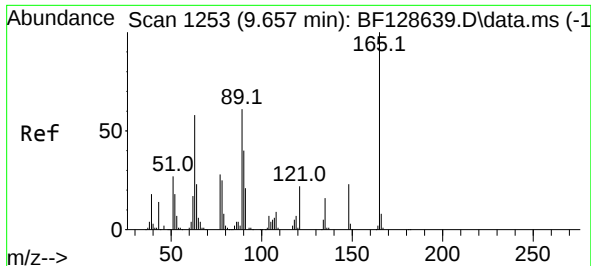
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 2.406 ng

RT: 9.569 min Scan# 11

Delta R.T. -0.047 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

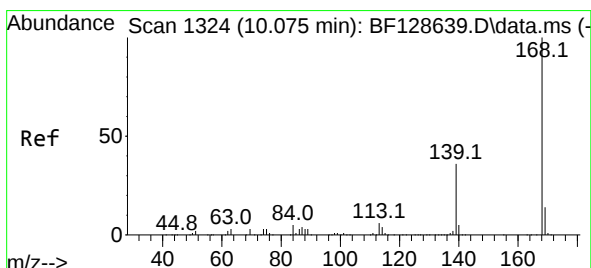
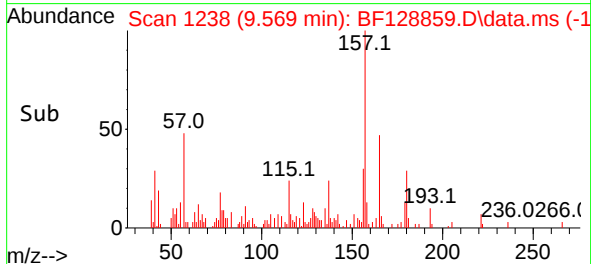
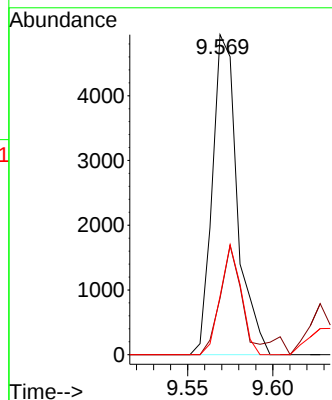
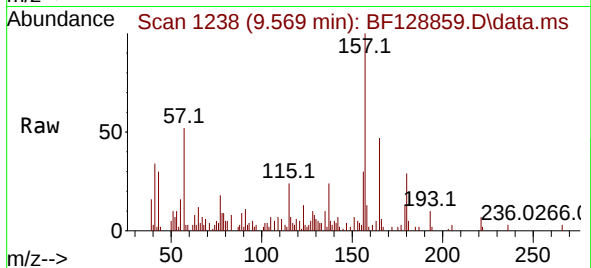
Instrument :

BNA_F

ClientSampleId :

SC-6N

Tgt Ion:165	Resp:	5044
Ion Ratio	Lower	Upper
165	100	
63	17.7	44.9 67.3#
89	18.2	43.6 65.4#



#55

Dibenzofuran

Concen: 2.142 ng

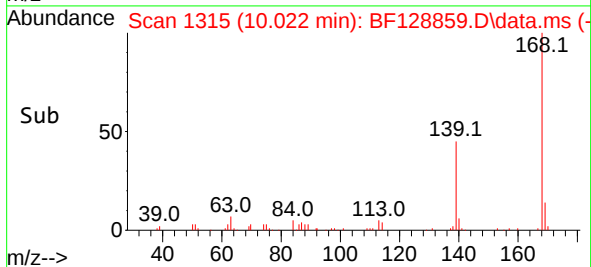
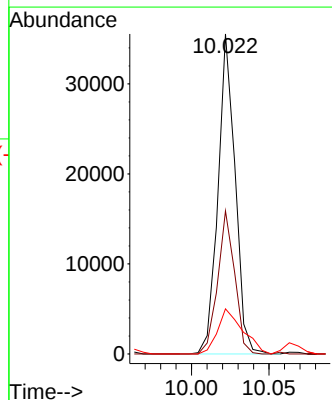
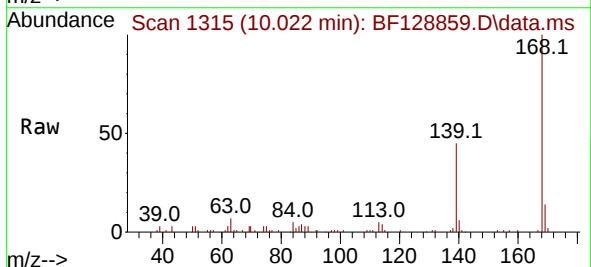
RT: 10.022 min Scan# 1315

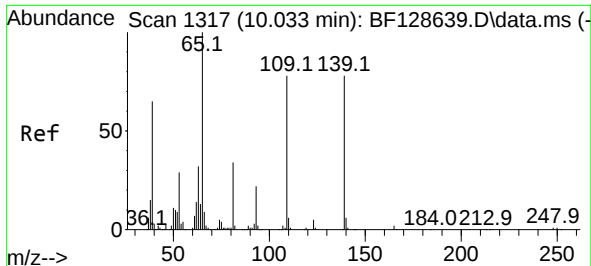
Delta R.T. -0.012 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

Tgt Ion:168	Resp:	27275
Ion Ratio	Lower	Upper
168	100	
139	44.7	30.6 46.0
169	14.1	11.0 16.6

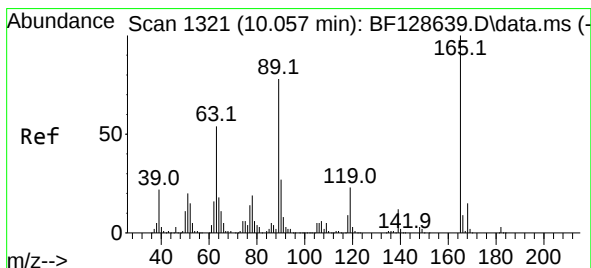
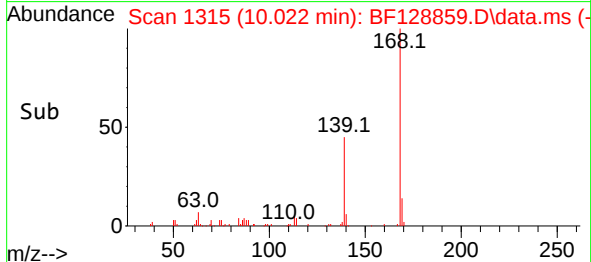
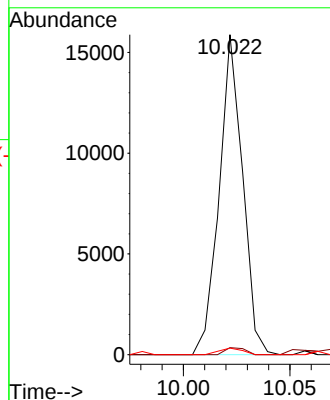
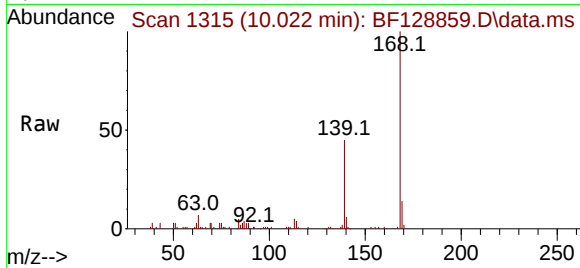




#56
4-Nitrophenol
Concen: 7.347 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

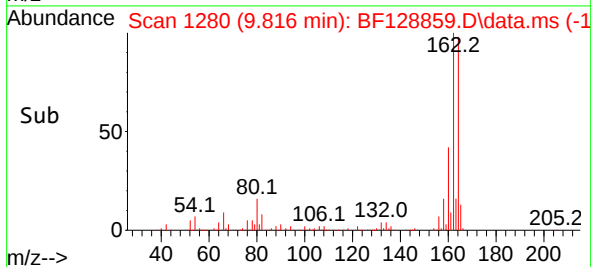
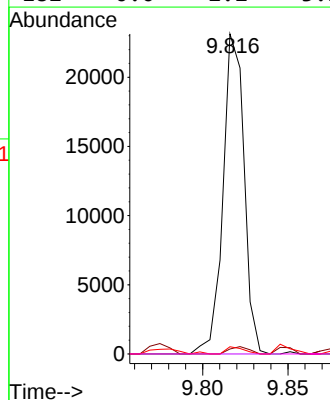
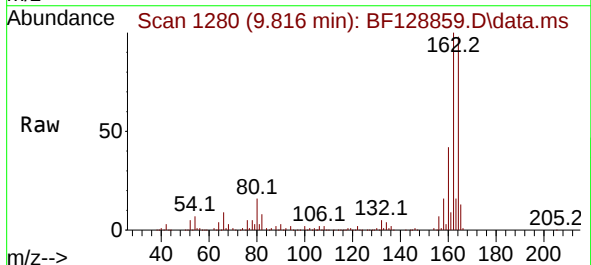
Instrument :
BNA_F
ClientSampleId :
SC-6N

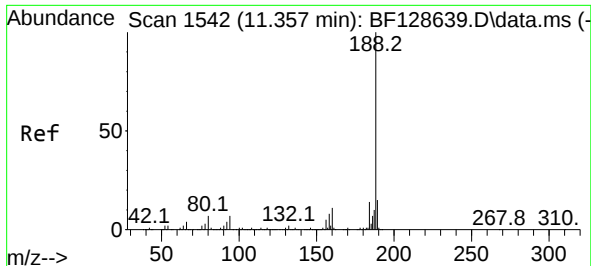
Tgt Ion:139 Resp: 12120
Ion Ratio Lower Upper
139 100
109 2.2 50.7 90.7#
65 2.1 74.5 114.5#



#57
2,4-Dinitrotoluene
Concen: 7.087 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

Tgt Ion:165 Resp: 19831
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 2.3 60.2 90.2#
182 0.0 2.2 3.2#

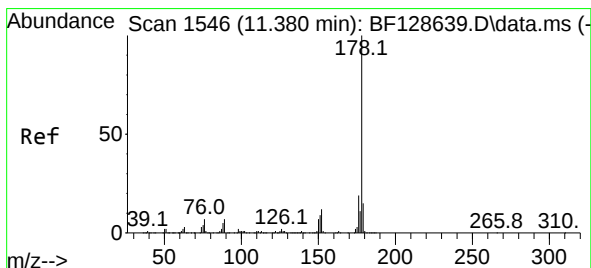
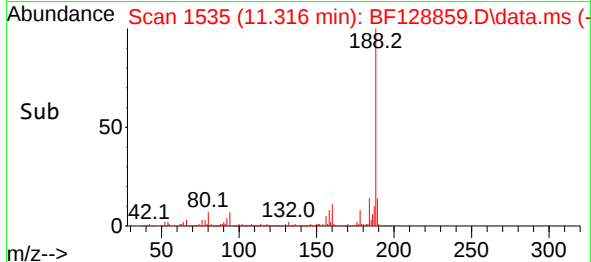
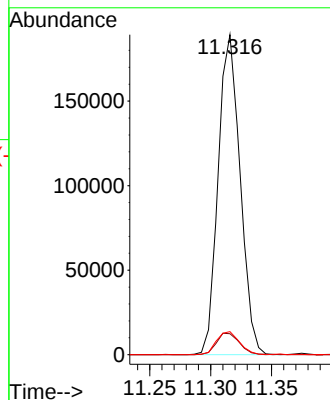
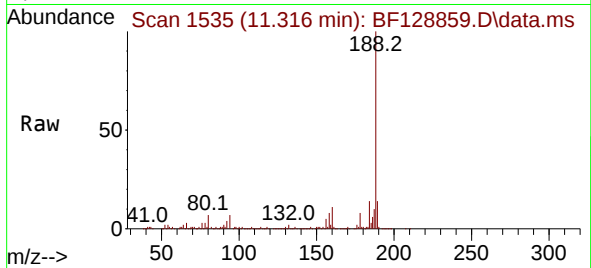




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

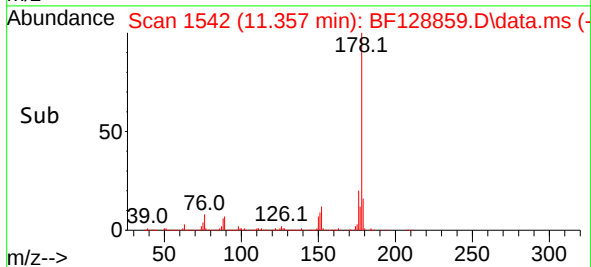
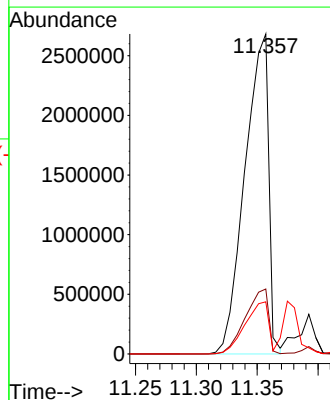
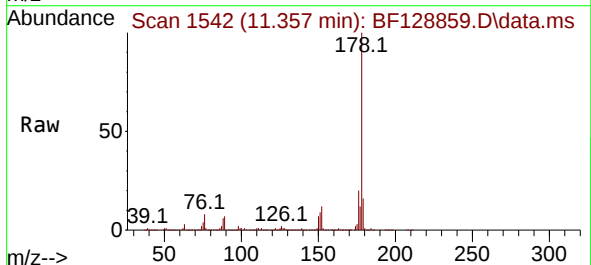
Instrument :
BNA_F
ClientSampleId :
SC-6N

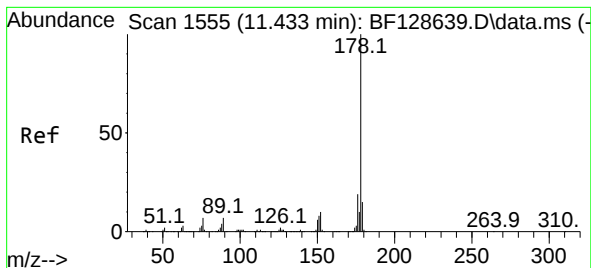
Tgt Ion:188 Resp: 238173
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 7.2 7.6 11.4#



#71
Phenanthrene
Concen: 303.428 ng
RT: 11.357 min Scan# 1542
Delta R.T. 0.018 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

Tgt Ion:178 Resp: 3624832
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 16.3 12.6 19.0





#72

Anthracene

Concen: 26.417 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

Instrument :

BNA_F

ClientSampleId :

SC-6N

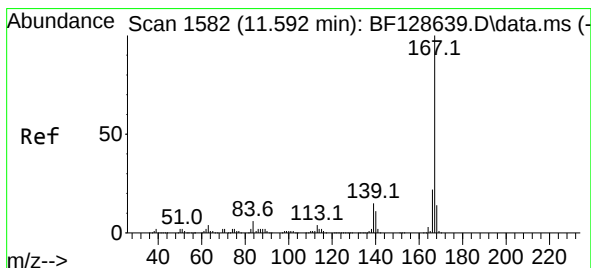
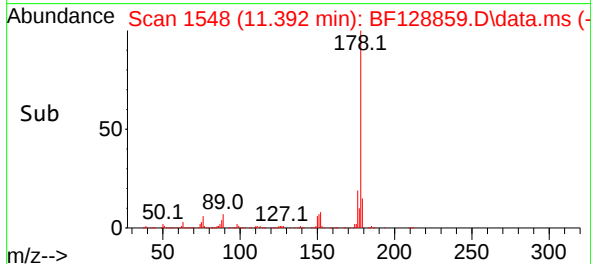
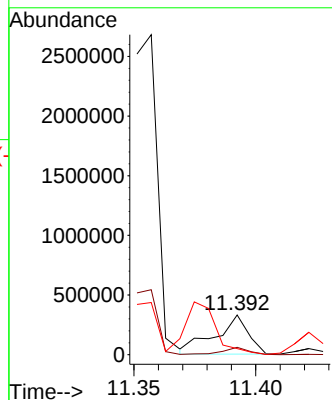
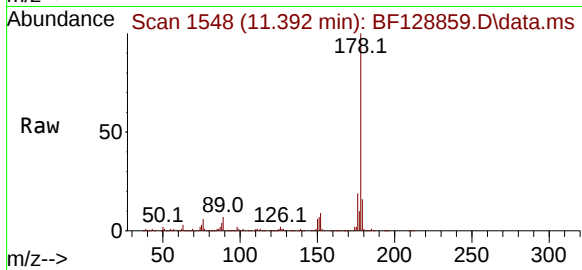
Tgt Ion:178 Resp: 312361

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.6 12.6 19.0



#73

Carbazole

Concen: 40.205 ng

RT: 11.551 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

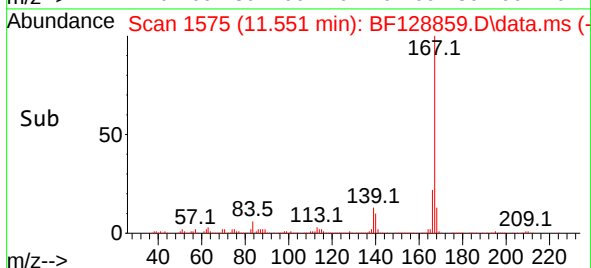
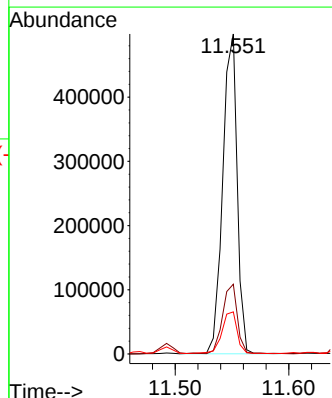
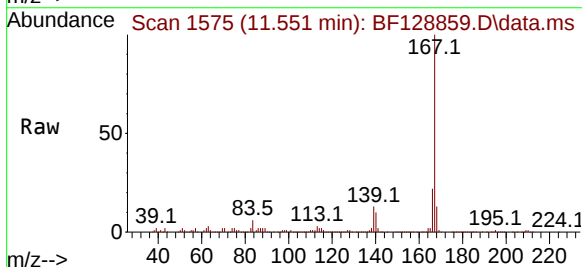
Tgt Ion:167 Resp: 441543

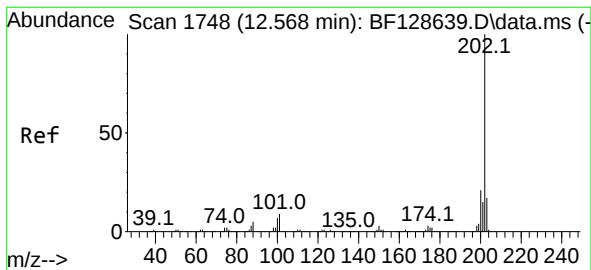
Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

139 13.2 11.2 16.8

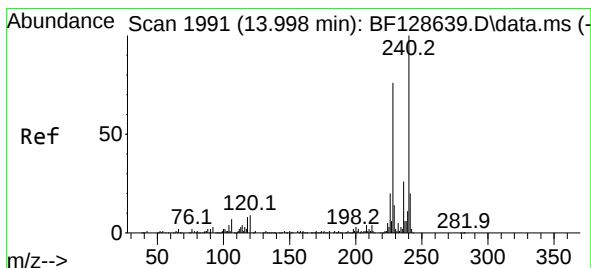
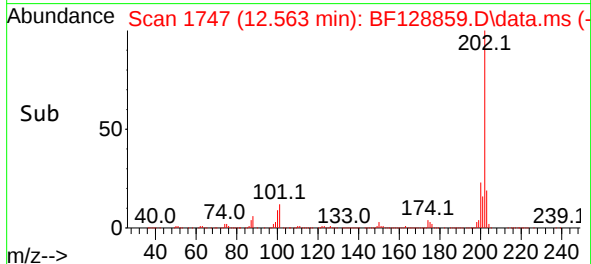
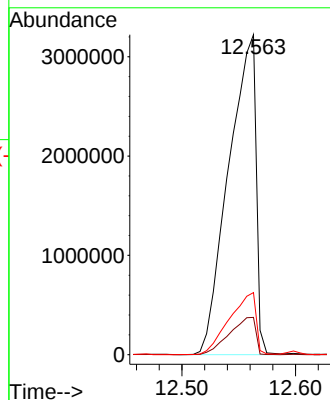
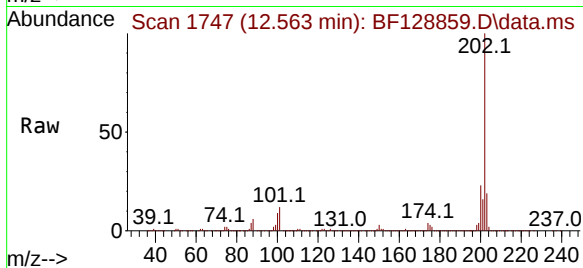




#75
Fluoranthene
Concen: 431.109 ng
RT: 12.563 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

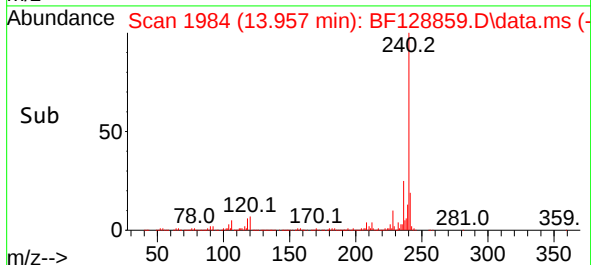
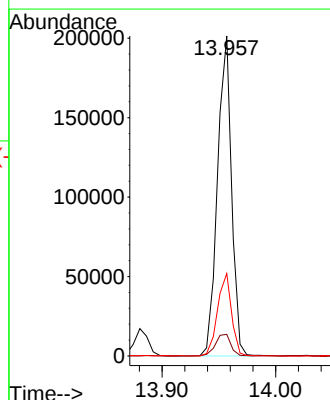
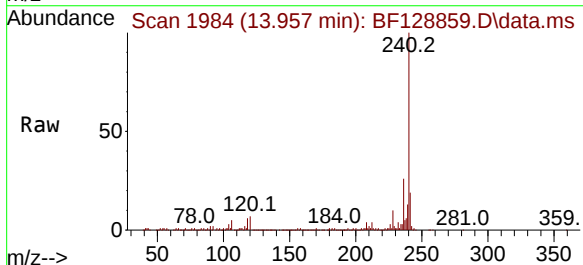
Instrument :
BNA_F
ClientSampleId :
SC-6N

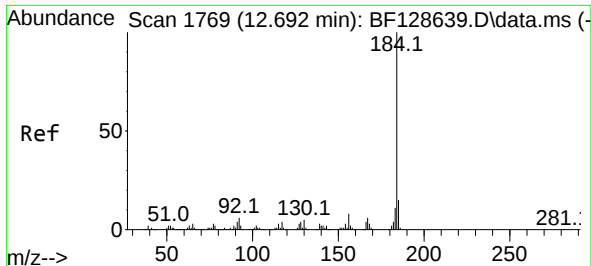
Tgt Ion:202 Resp: 5383429
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 19.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

Tgt Ion:240 Resp: 173507
Ion Ratio Lower Upper
240 100
120 6.7 8.9 13.3#
236 25.8 20.8 31.2

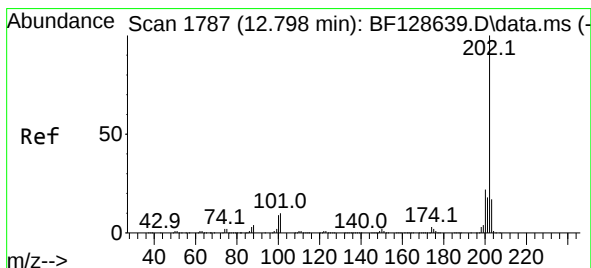
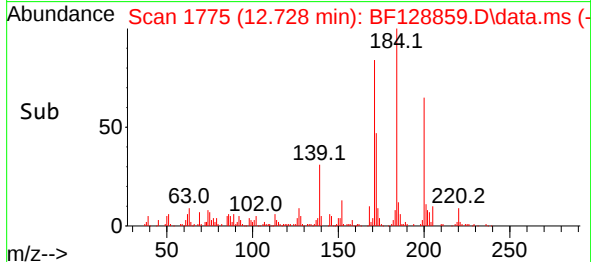
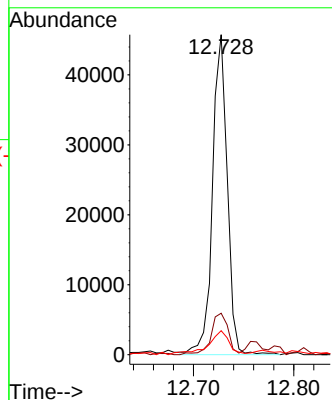
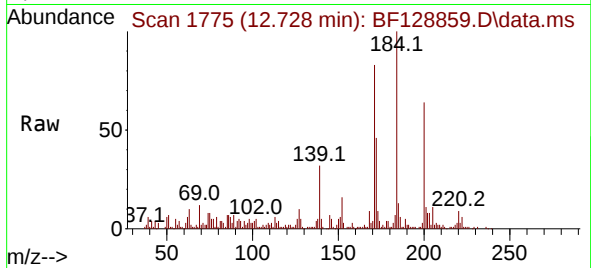




#77
Benzidine
Concen: 13.585 ng
RT: 12.728 min Scan# 1775
Delta R.T. 0.077 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

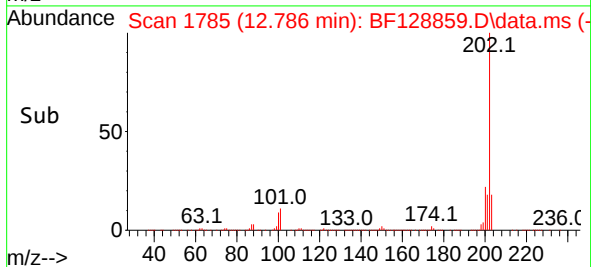
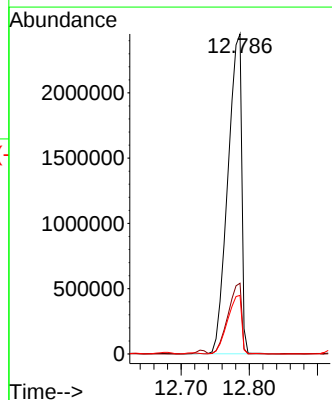
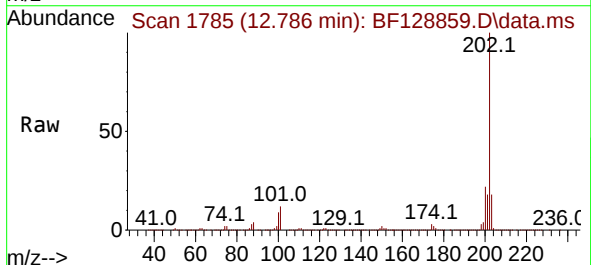
Instrument :
BNA_F
ClientSampleId :
SC-6N

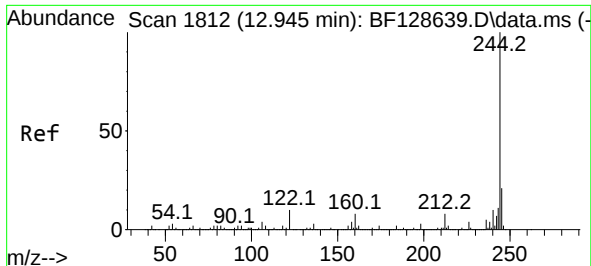
Tgt Ion:184 Resp: 46986
Ion Ratio Lower Upper
184 100
185 13.0 11.9 17.9
183 7.5 9.3 13.9#



#78
Pyrene
Concen: 265.932 ng
RT: 12.786 min Scan# 1785
Delta R.T. 0.030 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

Tgt Ion:202 Resp: 3432875
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 18.3 14.6 21.8

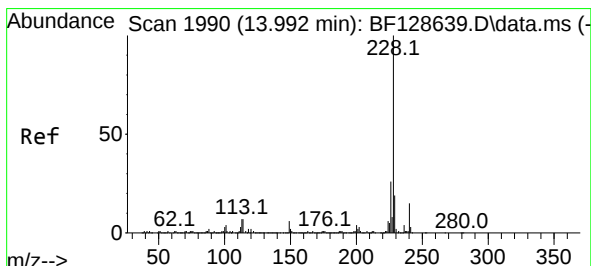
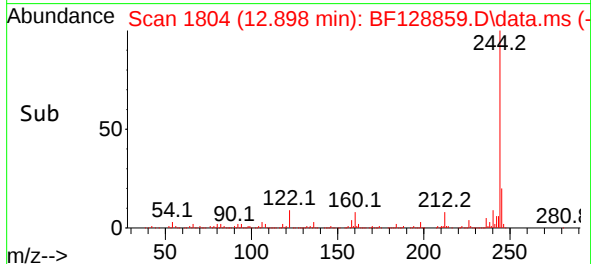
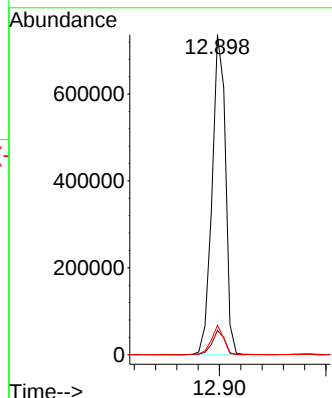
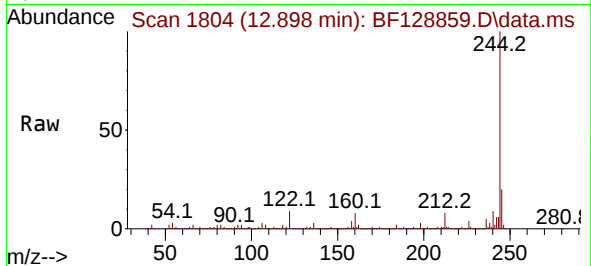




#79
 Terphenyl-d14
 Concen: 64.536 ng
 RT: 12.898 min Scan# 1804
 Delta R.T. -0.006 min
 Lab File: BF128859.D
 Acq: 17 Jun 2022 17:39

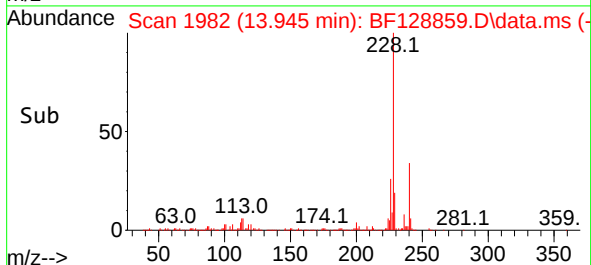
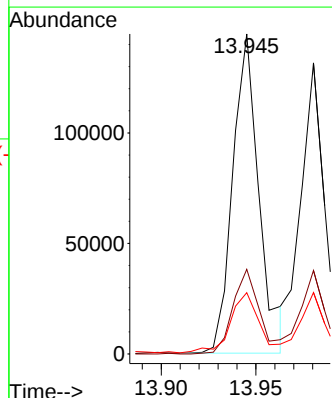
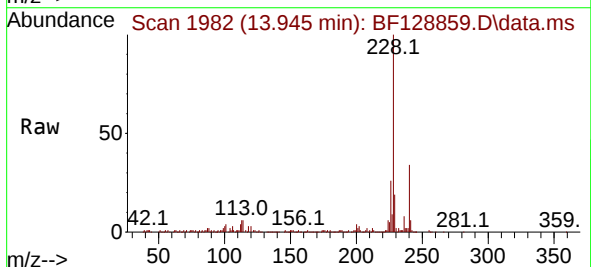
Instrument :
 BNA_F
 ClientSampleId :
 SC-6N

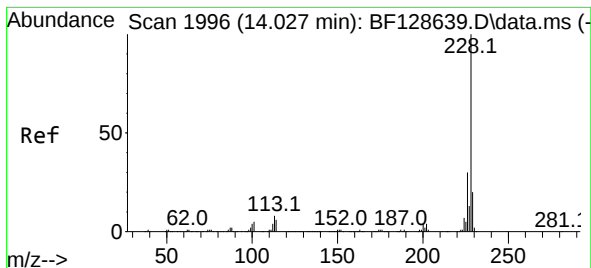
Tgt Ion:244 Resp: 644407
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.2 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 12.870 ng
 RT: 13.945 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: BF128859.D
 Acq: 17 Jun 2022 17:39

Tgt Ion:228 Resp: 139192
 Ion Ratio Lower Upper
 228 100
 226 26.5 22.1 33.1
 229 19.2 15.8 23.8





#83

Chrysene

Concen: 10.728 ng

RT: 13.980 min Scan# 1996

Delta R.T. -0.012 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

Instrument :

BNA_F

ClientSampleId :

SC-6N

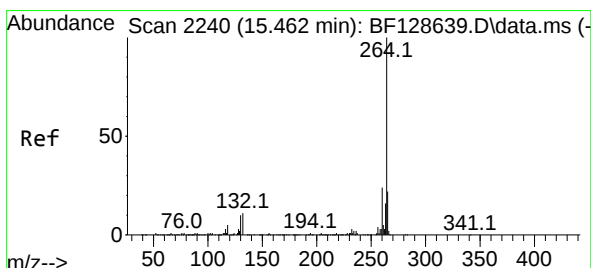
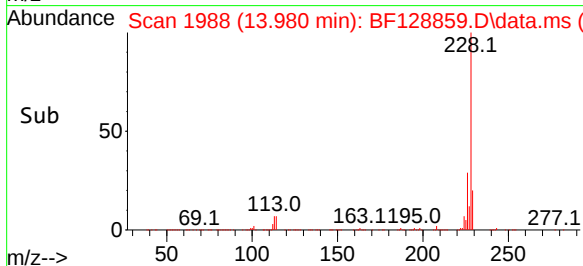
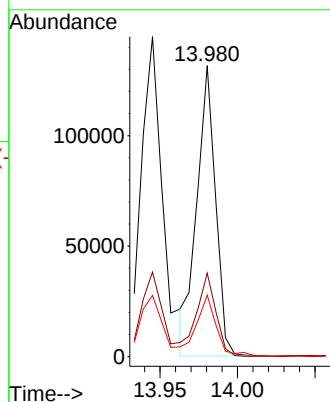
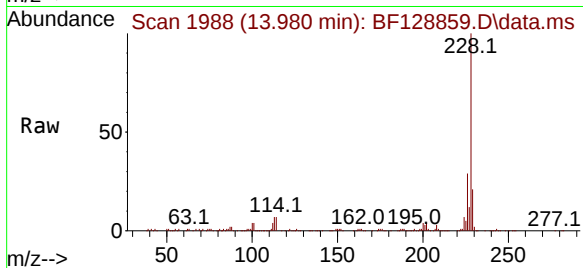
Tgt Ion:228 Resp: 110617

Ion Ratio Lower Upper

228 100

226 28.7 24.3 36.5

229 21.1 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2231

Delta R.T. -0.006 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

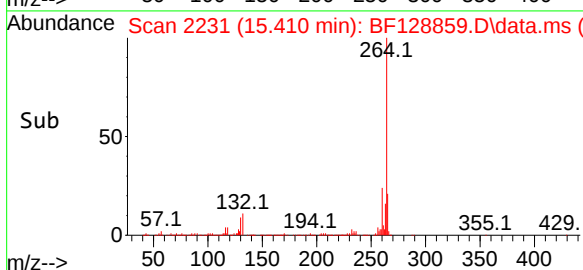
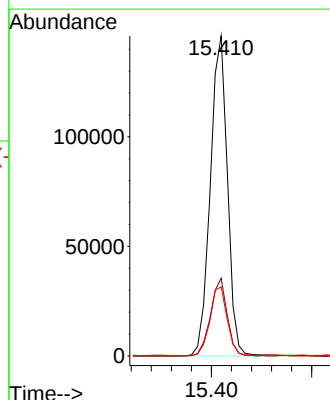
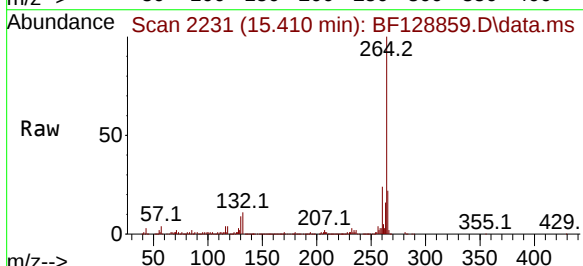
Tgt Ion:264 Resp: 173341

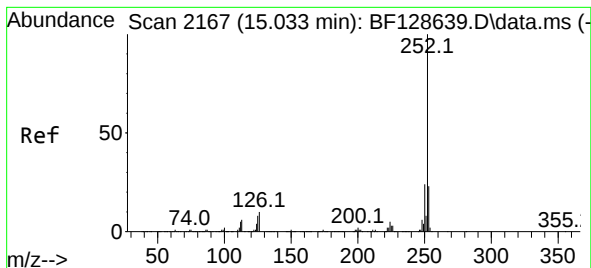
Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 21.6 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.113 ng

RT: 14.986 min Scan# 2159

Delta R.T. -0.006 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

Instrument :

BNA_F

ClientSampleId :

SC-6N

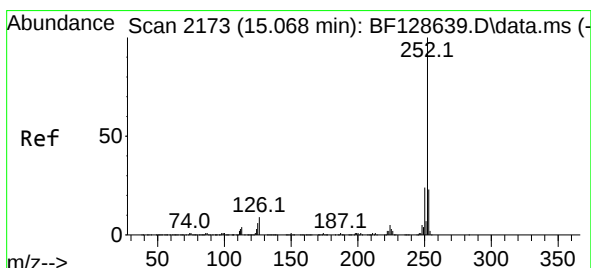
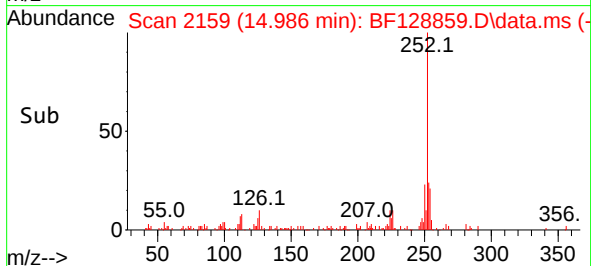
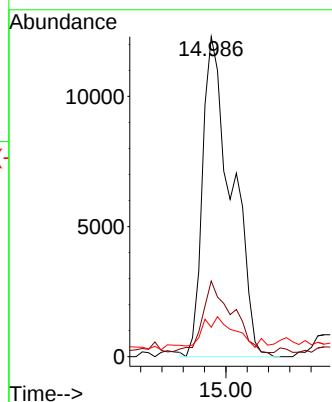
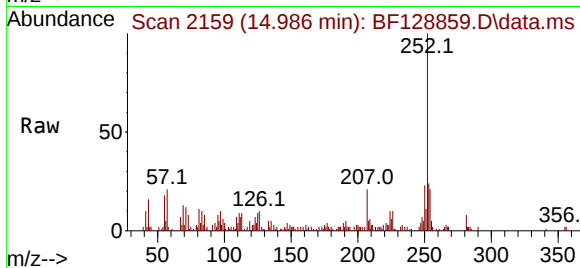
Tgt Ion:252 Resp: 23403

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 9.2 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 2.246 ng

RT: 14.986 min Scan# 2159

Delta R.T. -0.041 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

Tgt Ion:252 Resp: 23403

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

125 9.2 8.3 12.5

