

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128858.D
 Acq On : 17 Jun 2022 17:09
 Operator : CG\JU
 Sample : N3373-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-6S

Quant Time: Jun 18 05:06:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

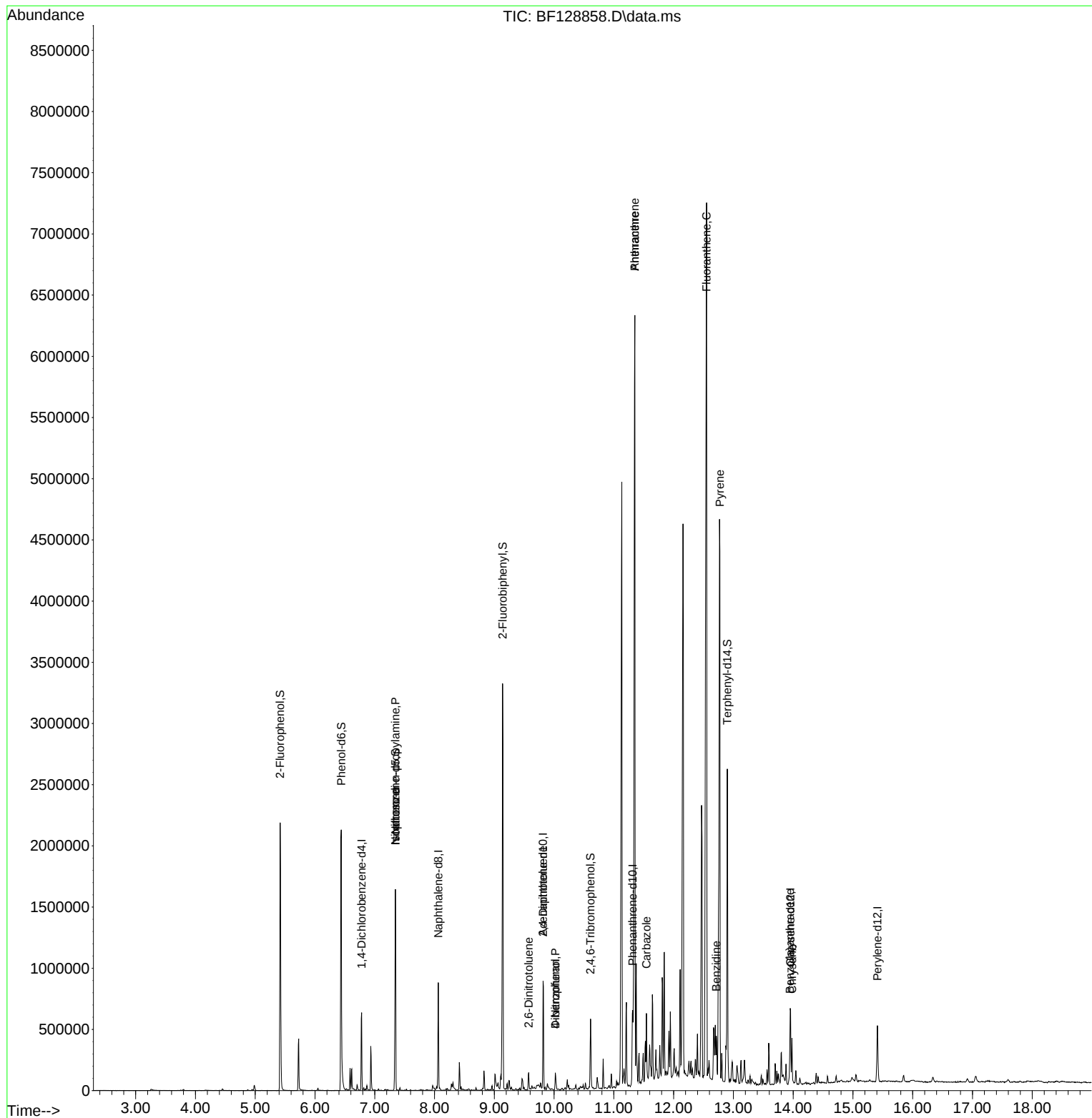
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	86120	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	327838	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	179049	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	287597	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	200297	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	192342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	526589	97.395	ng	0.00
7) Phenol-d6	6.440	99	737748	111.783	ng	0.00
23) Nitrobenzene-d5	7.345	82	522056	74.141	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	60381	28.541	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	1007658	78.835	ng	0.00
79) Terphenyl-d14	12.898	244	826329	71.686	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	73864	18.000	ng	# 76
25) Isophorone	7.345	82	522044	48.815	ng	# 65
51) 2,6-Dinitrotoluene	9.575	165	8074	3.338	ng	# 54
55) Dibenzofuran	10.022	168	45278	3.083	ng	96
56) 4-Nitrophenol	10.022	139	18356	9.646	ng	# 10
57) 2,4-Dinitrotoluene	9.816	165	23175	7.179	ng	# 22
71) Phenanthrene	11.351	178	2856523	198.022	ng	100
72) Anthracene	11.351	178	2856523	200.065	ng	99
73) Carbazole	11.545	167	182351	13.751	ng	99
75) Fluoranthene	12.551	202	3940263	261.313	ng	99
77) Benzidine	12.716	184	54215	13.578	ng	# 95
78) Pyrene	12.774	202	2216784	148.757	ng	99
81) Benzo(a)anthracene	13.945	228	80404	6.440	ng	98
83) Chrysene	13.980	228	126903	10.661	ng	97

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

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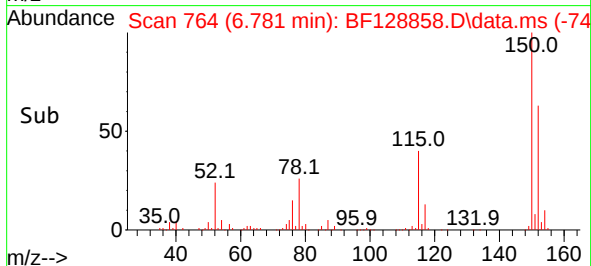
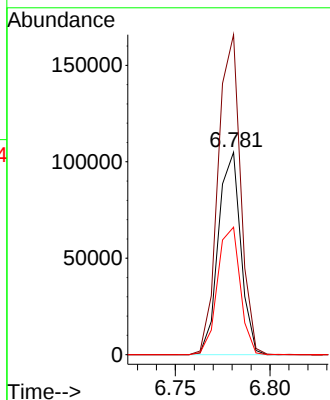
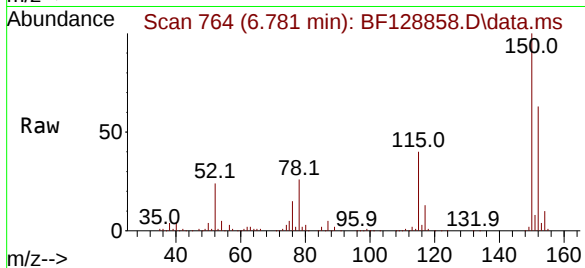




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

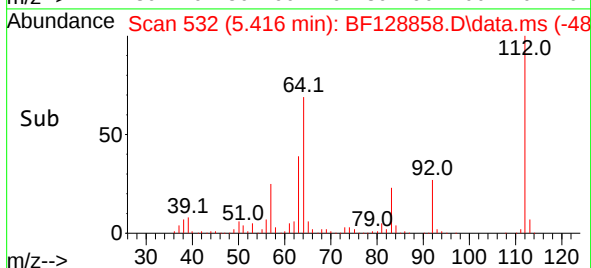
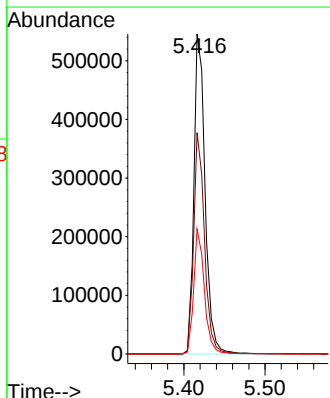
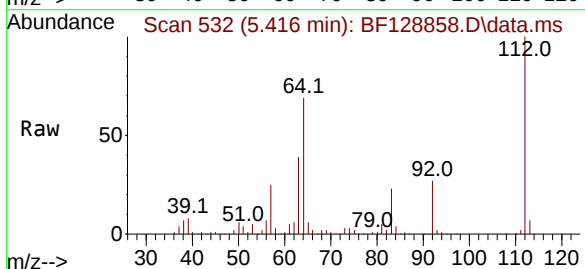
Instrument :
BNA_F
ClientSampleId :
SC-6S

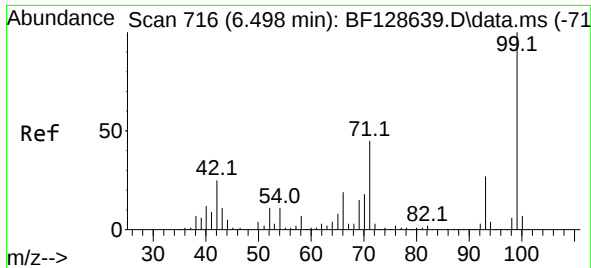
Tgt Ion:152 Resp: 86120
Ion Ratio Lower Upper
152 100
150 158.1 123.7 185.5
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 97.395 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion:112 Resp: 526589
Ion Ratio Lower Upper
112 100
64 69.2 53.3 79.9
63 39.0 28.0 42.0

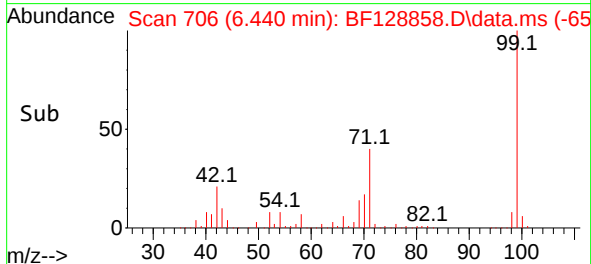
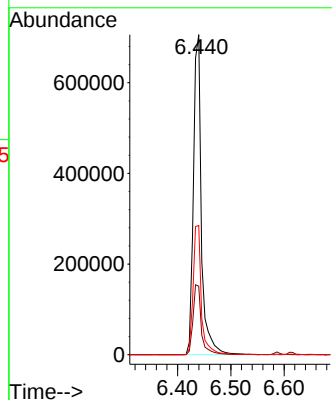
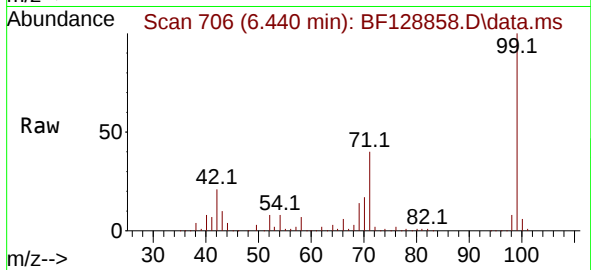




#7
Phenol-d6
Concen: 111.783 ng
RT: 6.440 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

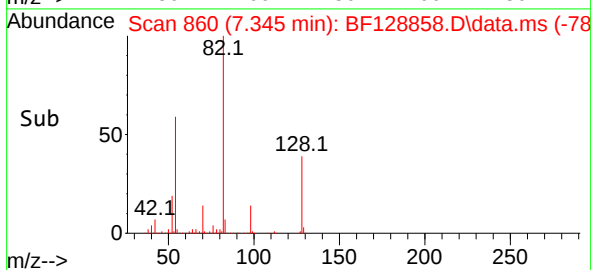
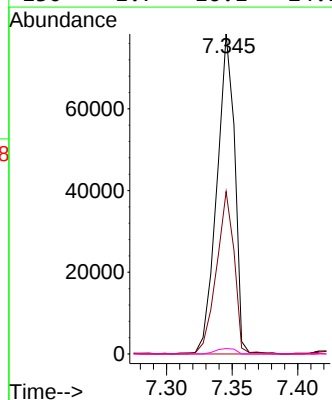
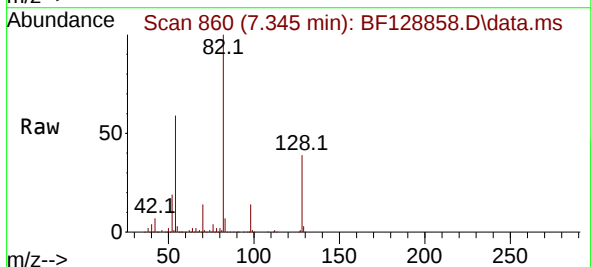
Instrument :
BNA_F
ClientSampleId :
SC-6S

Tgt Ion: 99 Resp: 737748
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 40.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.000 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion: 70 Resp: 73864
Ion Ratio Lower Upper
70 100
42 50.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

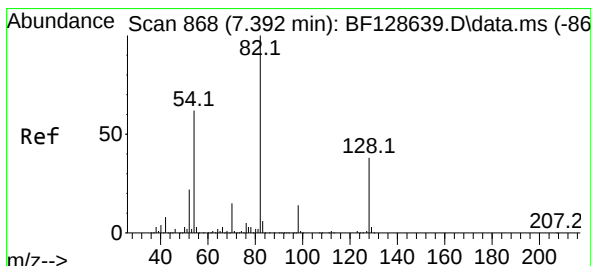
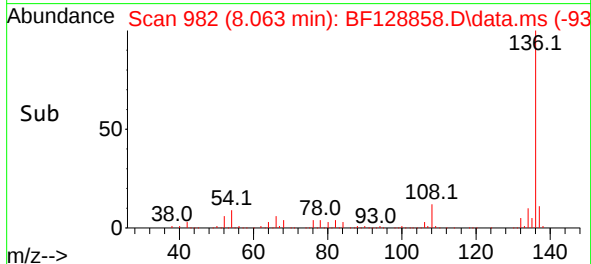
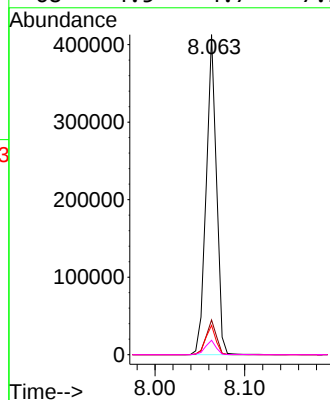
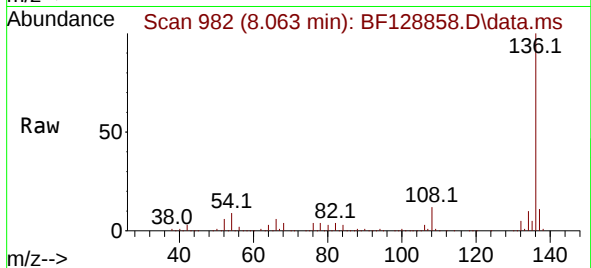




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

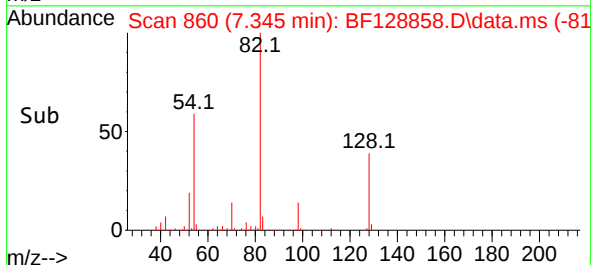
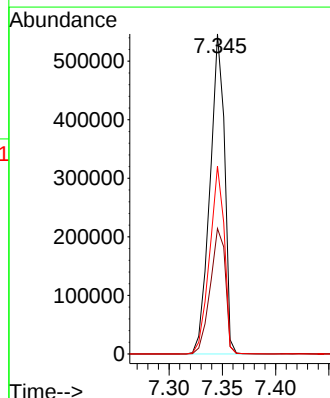
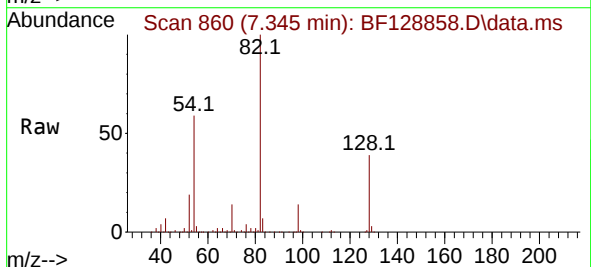
Instrument :
BNA_F
ClientSampleId :
SC-6S

Tgt Ion:136 Resp: 327838
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.1 7.5 11.3
68 4.5 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 74.141 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion: 82 Resp: 522056
Ion Ratio Lower Upper
82 100
128 39.2 34.0 51.0
54 58.7 46.9 70.3

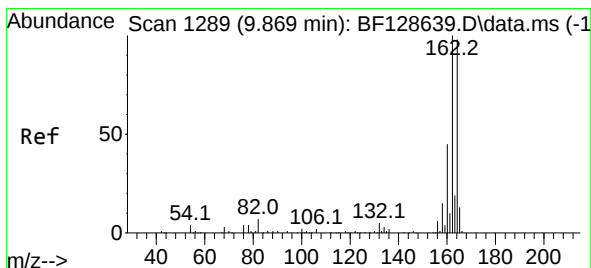
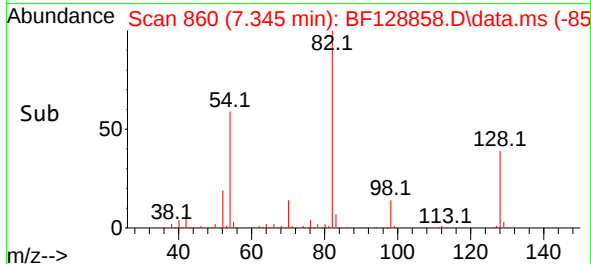
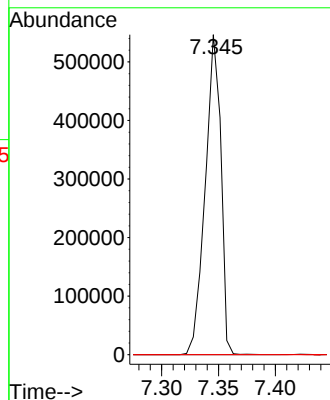
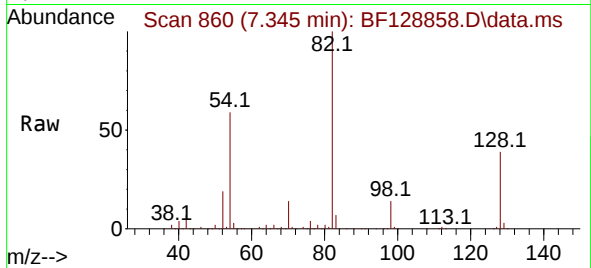




#25
Isophorone
Concen: 48.815 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

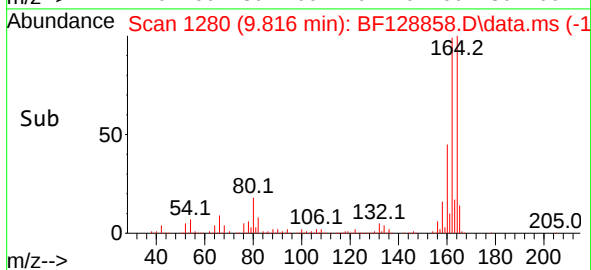
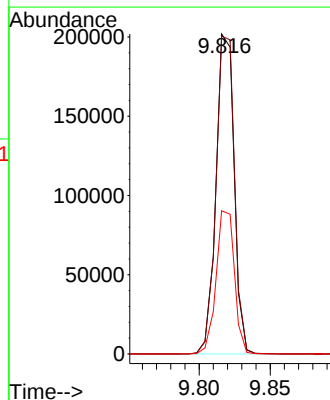
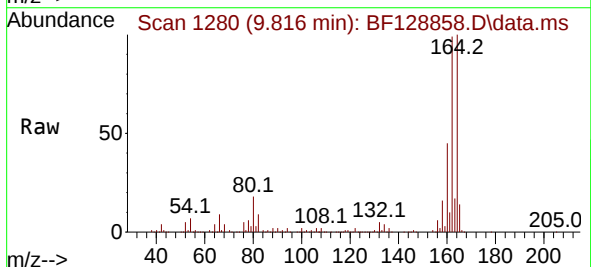
Instrument :
BNA_F
ClientSampleId :
SC-6S

Tgt Ion: 82 Resp: 522044
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: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion:164 Resp: 179049
Ion Ratio Lower Upper
164 100
162 99.3 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 28.541 ng

RT: 10.610 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128858.D

Acq: 17 Jun 2022 17:09

Instrument :

BNA_F

ClientSampleId :

SC-6S

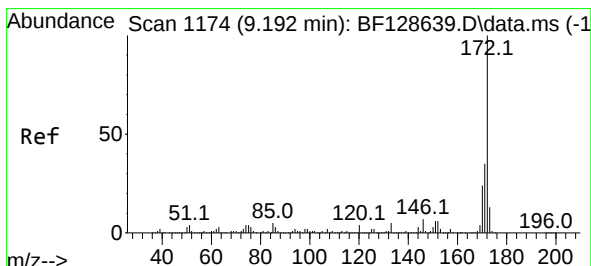
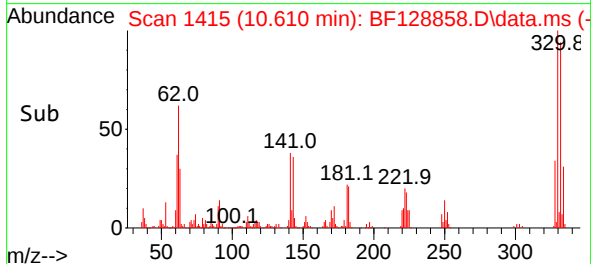
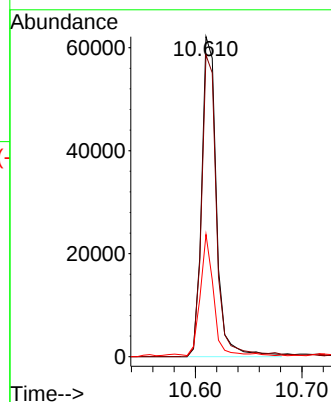
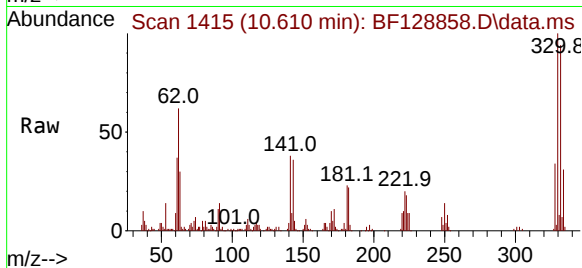
Tgt Ion:330 Resp: 60381

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.835 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF128858.D

Acq: 17 Jun 2022 17:09

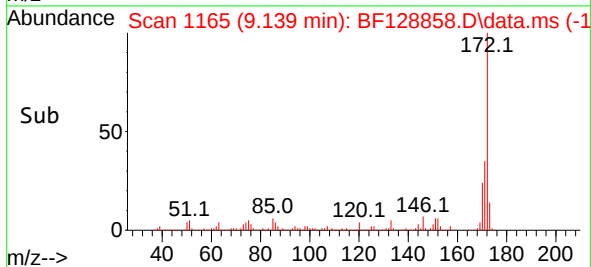
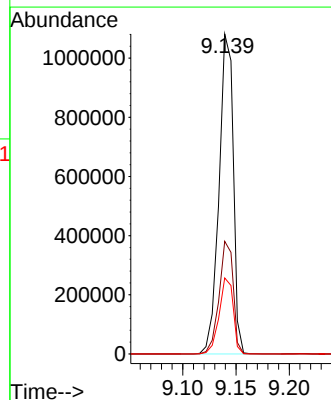
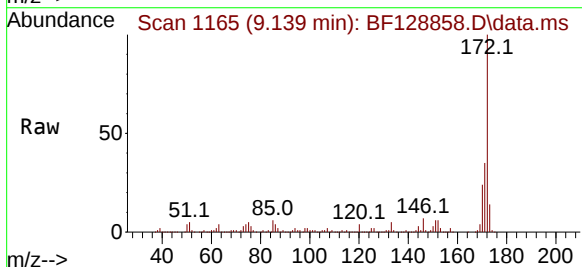
Tgt Ion:172 Resp: 1007658

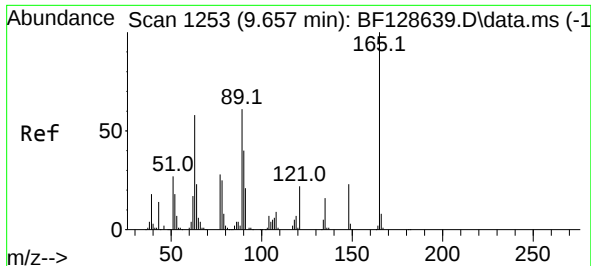
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.8 19.8 29.8

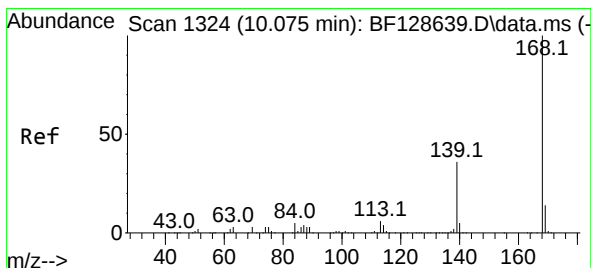
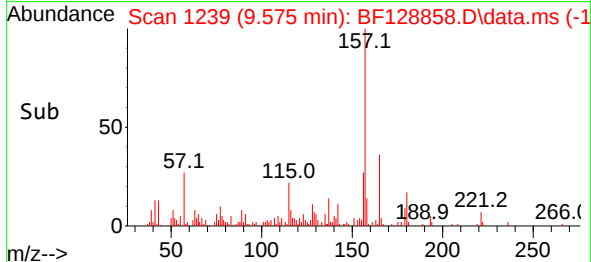
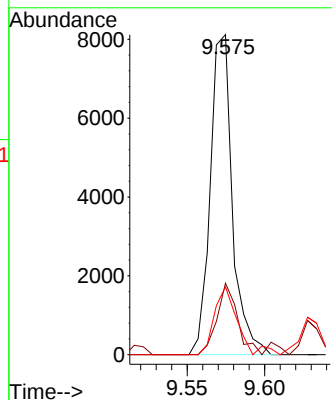
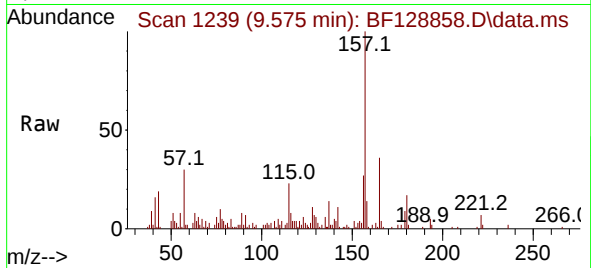




#51
2,6-Dinitrotoluene
Concen: 3.338 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

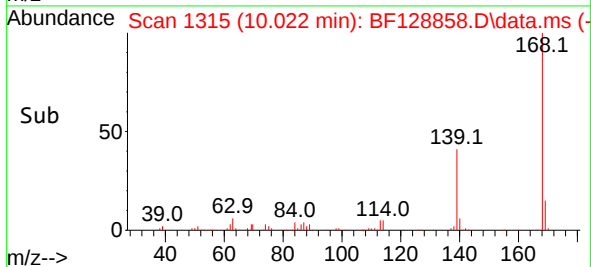
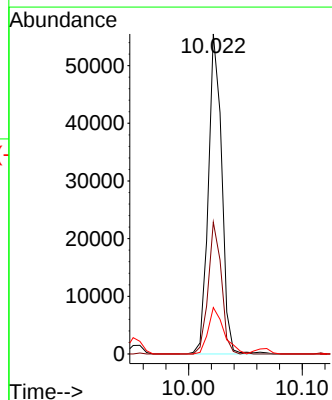
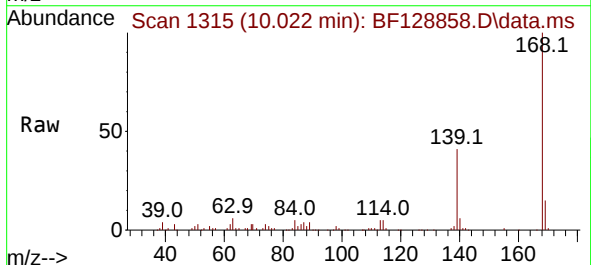
Instrument :
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SC-6S

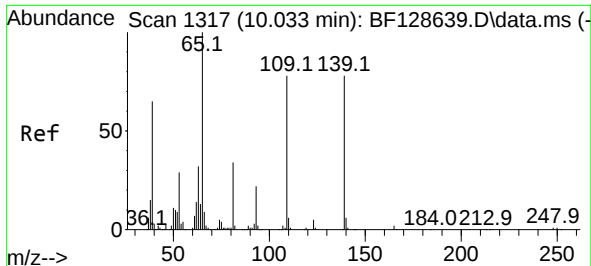
Tgt Ion:165 Resp: 8074
Ion Ratio Lower Upper
165 100
63 22.4 44.9 67.3#
89 21.2 43.6 65.4#



#55
Dibenzofuran
Concen: 3.083 ng
RT: 10.022 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion:168 Resp: 45278
Ion Ratio Lower Upper
168 100
139 41.2 30.6 46.0
169 14.5 11.0 16.6

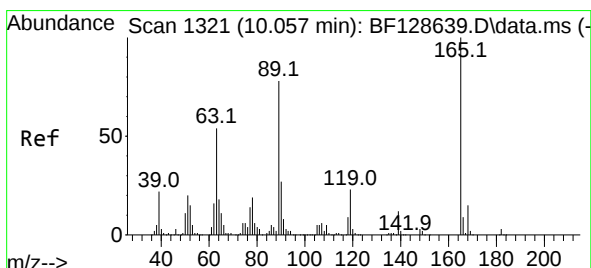
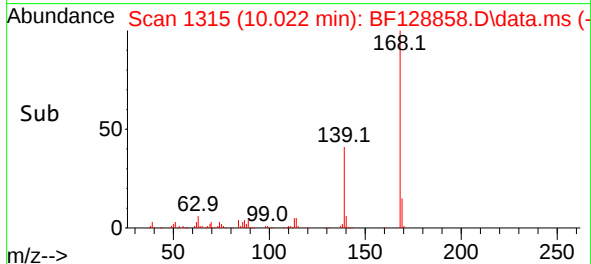
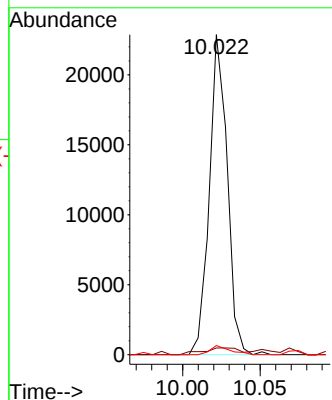
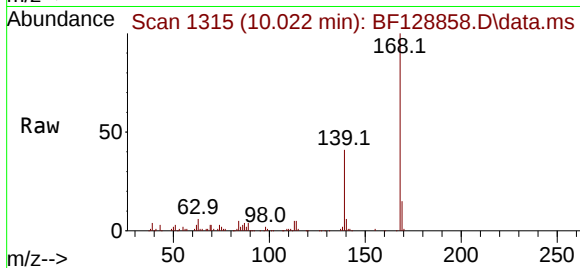




#56
4-Nitrophenol
Concen: 9.646 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

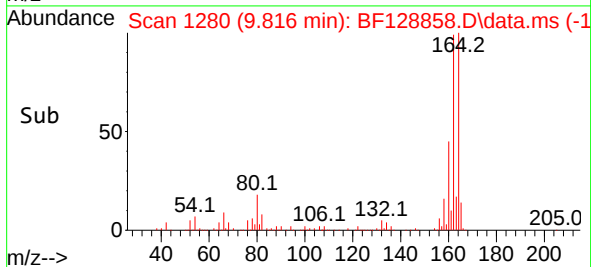
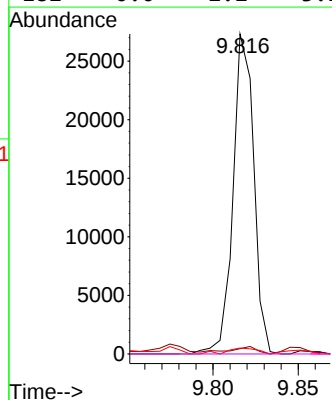
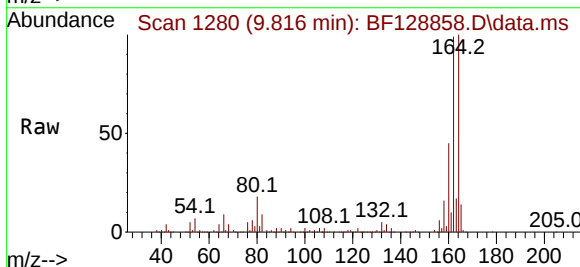
Instrument :
BNA_F
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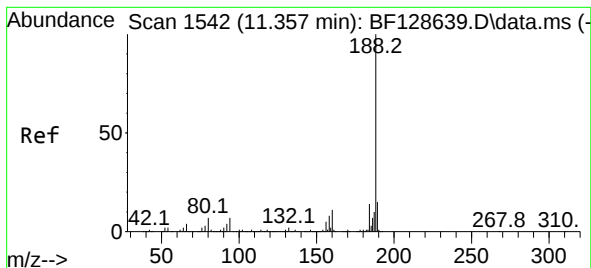
Tgt Ion:139 Resp: 18356
Ion Ratio Lower Upper
139 100
109 2.1 50.7 90.7#
65 2.9 74.5 114.5#



#57
2,4-Dinitrotoluene
Concen: 7.179 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion:165 Resp: 23175
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.9 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128858.D

Acq: 17 Jun 2022 17:09

Instrument :

BNA_F

ClientSampleId :

SC-6S

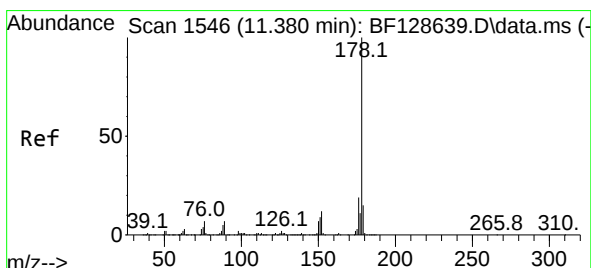
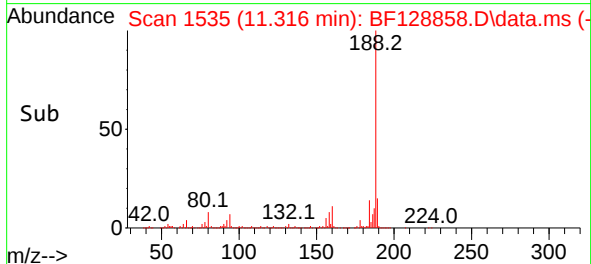
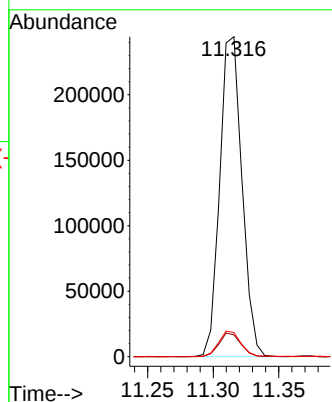
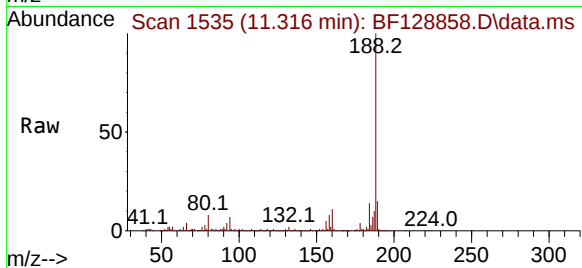
Tgt Ion:188 Resp: 287597

Ion Ratio Lower Upper

188 100

94 6.8 7.0 10.6#

80 7.6 7.6 11.4#



#71

Phenanthrene

Concen: 198.022 ng

RT: 11.351 min Scan# 1541

Delta R.T. 0.012 min

Lab File: BF128858.D

Acq: 17 Jun 2022 17:09

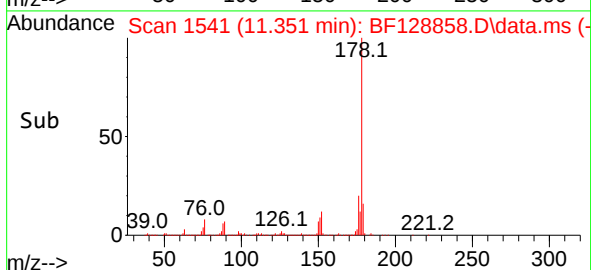
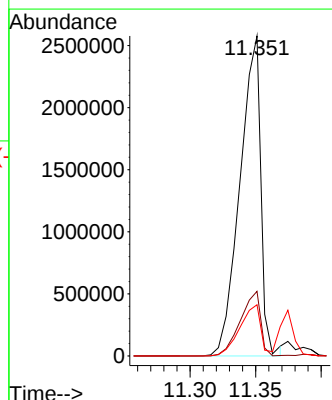
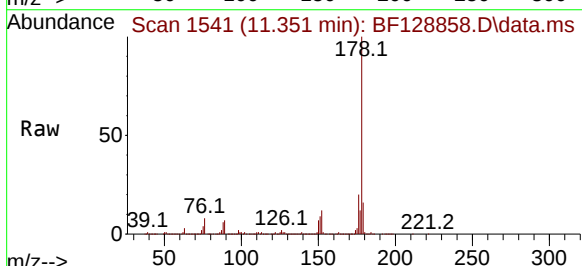
Tgt Ion:178 Resp: 2856523

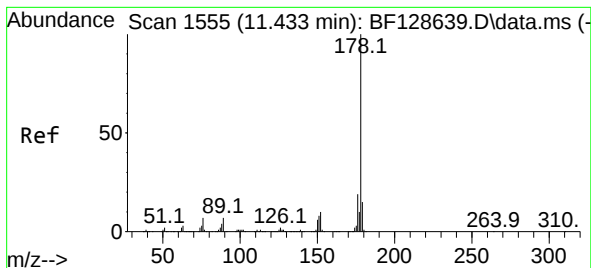
Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

179 16.0 12.6 19.0





#72

Anthracene

Concen: 200.065 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.041 min

Lab File: BF128858.D

Acq: 17 Jun 2022 17:09

Instrument :

BNA_F

ClientSampleId :

SC-6S

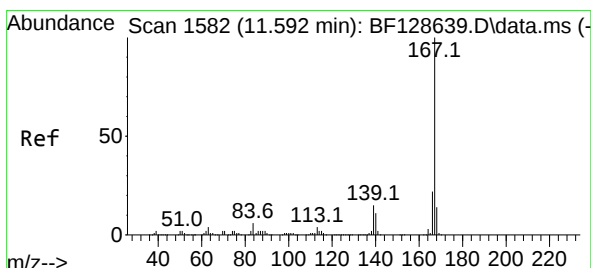
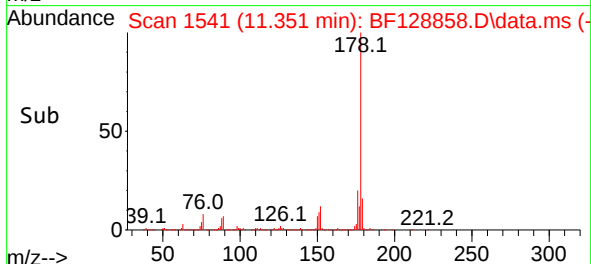
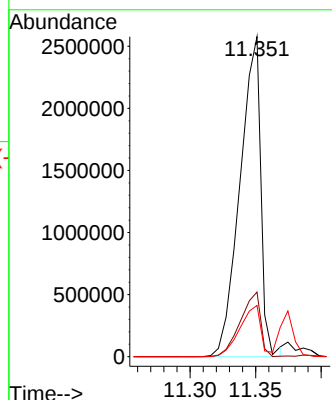
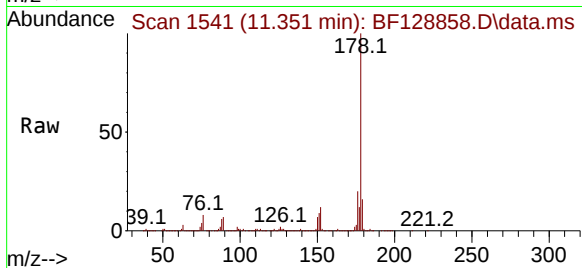
Tgt Ion:178 Resp: 2856523

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

179 16.0 12.6 19.0



#73

Carbazole

Concen: 13.751 ng

RT: 11.545 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF128858.D

Acq: 17 Jun 2022 17:09

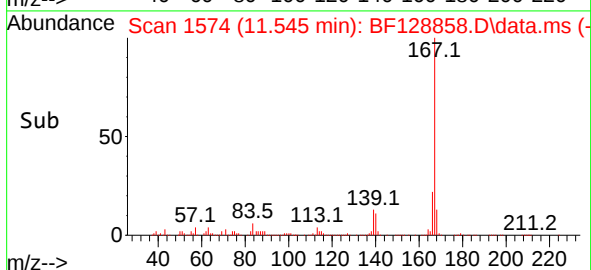
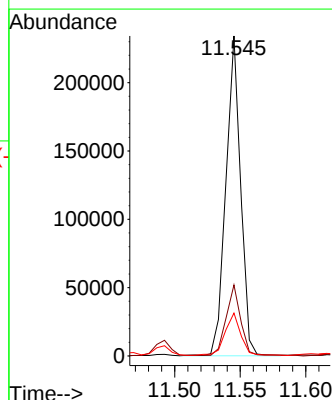
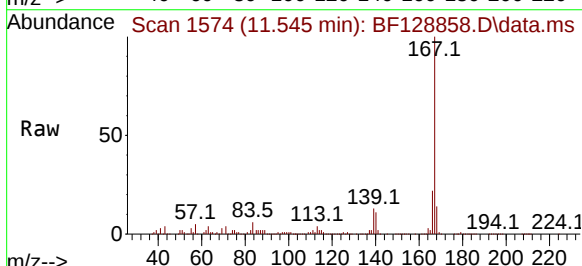
Tgt Ion:167 Resp: 182351

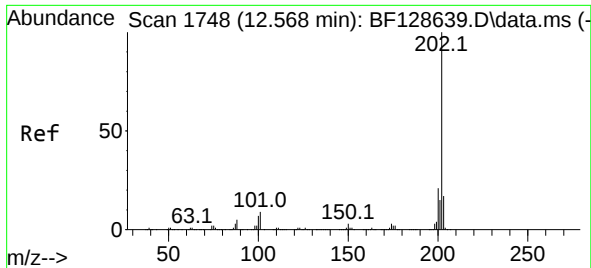
Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

139 13.4 11.2 16.8

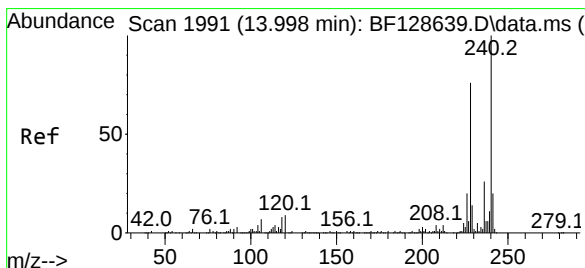
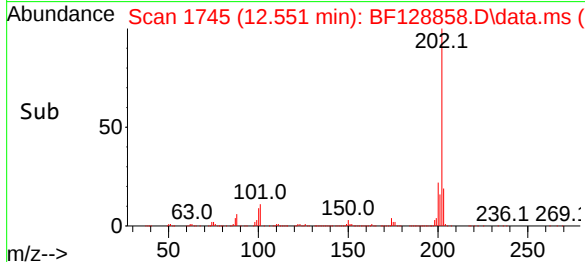
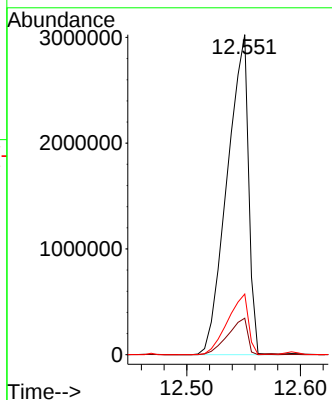
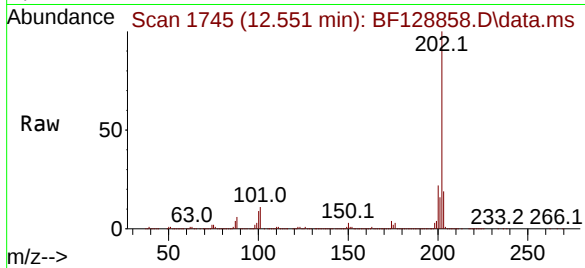




#75
Fluoranthene
Concen: 261.313 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.024 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

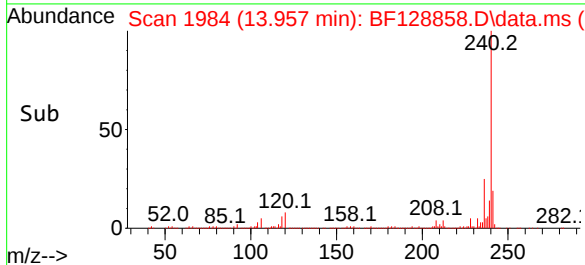
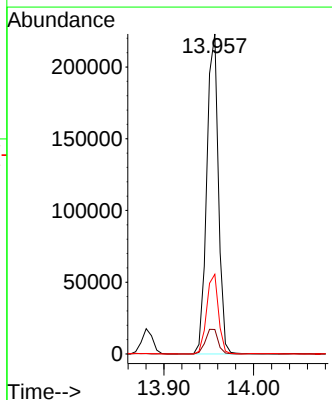
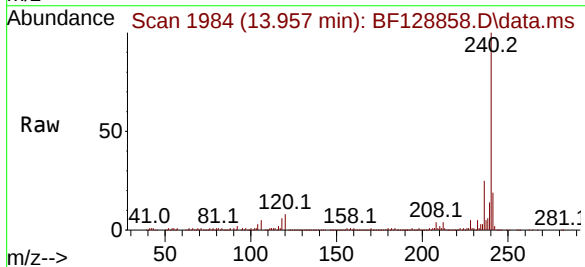
Instrument :
BNA_F
ClientSampleId :
SC-6S

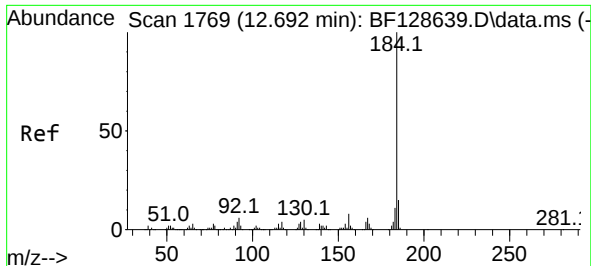
Tgt Ion:202 Resp: 3940263
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion:240 Resp: 200297
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 24.9 20.8 31.2

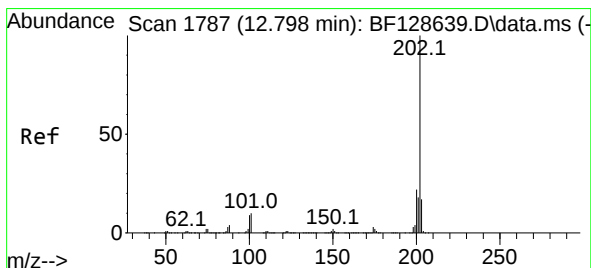
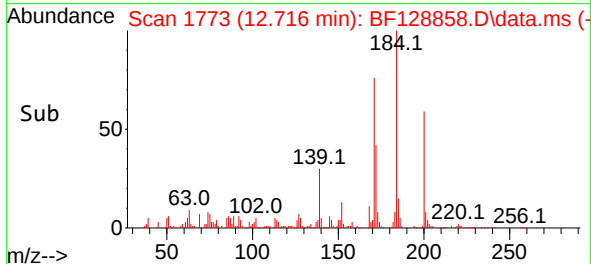
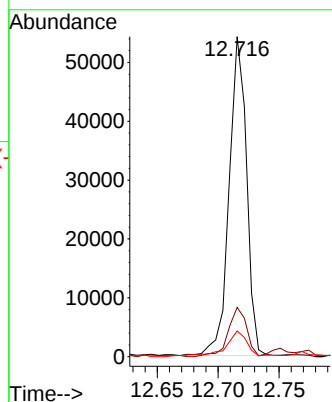
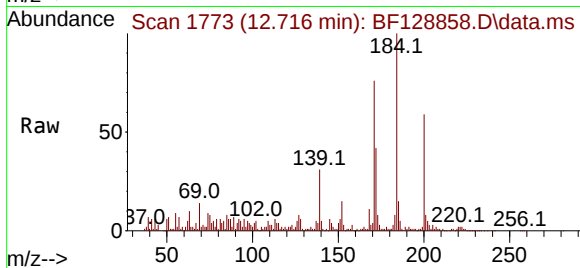




#77
Benzidine
Concen: 13.578 ng
RT: 12.716 min Scan# 1773
Delta R.T. 0.065 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

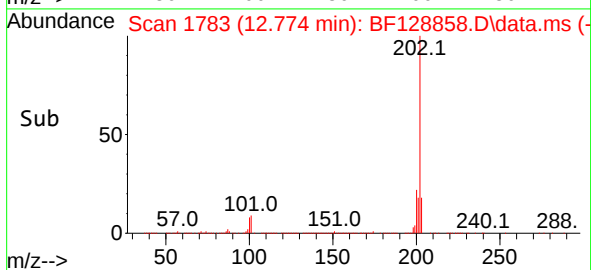
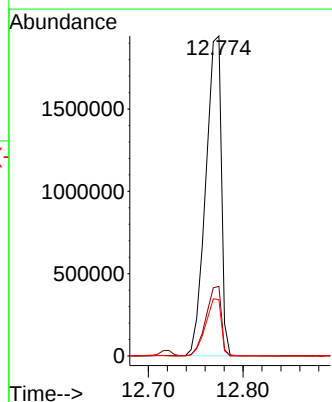
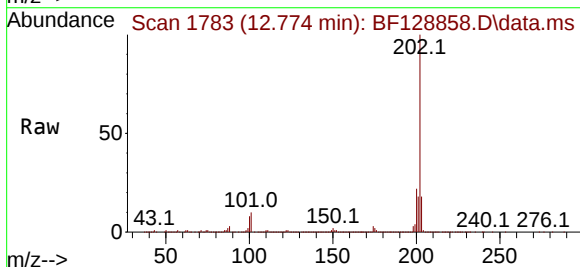
Instrument :
BNA_F
ClientSampleId :
SC-6S

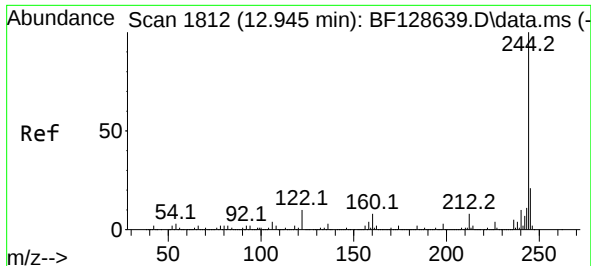
Tgt Ion:184 Resp: 54215
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 8.1 9.3 13.9#



#78
Pyrene
Concen: 148.757 ng
RT: 12.774 min Scan# 1783
Delta R.T. 0.018 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

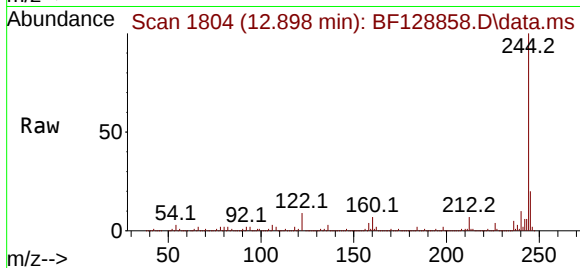
Tgt Ion:202 Resp: 2216784
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 17.6 14.6 21.8



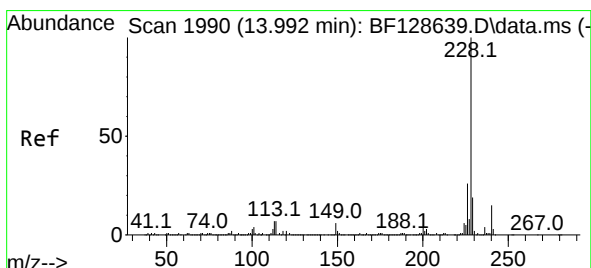
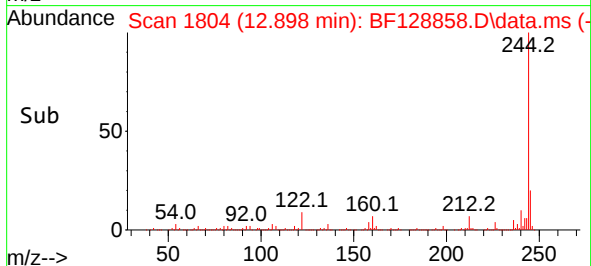
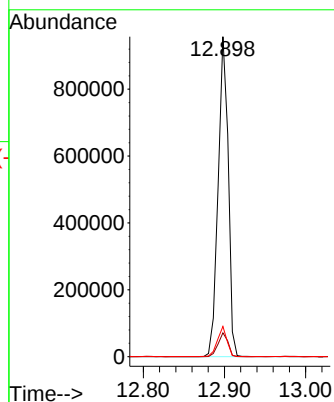


#79
 Terphenyl-d14
 Concen: 71.686 ng
 RT: 12.898 min Scan# 1804
 Delta R.T. -0.006 min
 Lab File: BF128858.D
 Acq: 17 Jun 2022 17:09

Instrument :
 BNA_F
 ClientSampleId :
 SC-6S

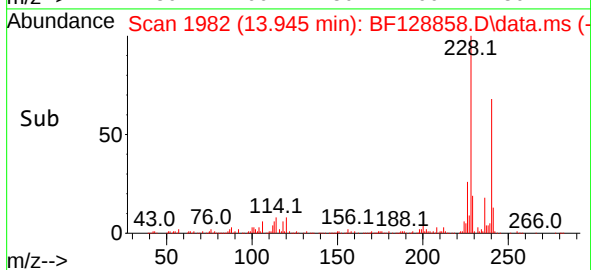
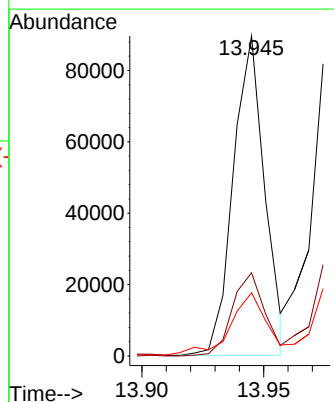
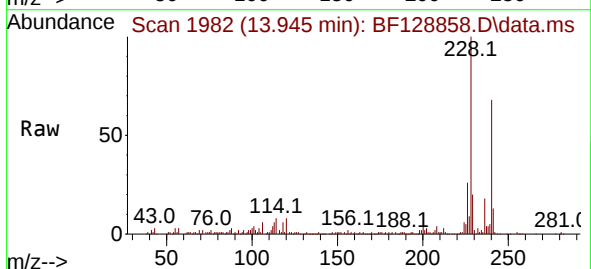


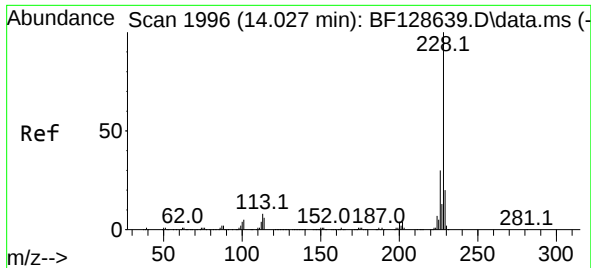
Tgt Ion:244 Resp: 826329
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.5 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 6.440 ng
 RT: 13.945 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: BF128858.D
 Acq: 17 Jun 2022 17:09

Tgt Ion:228 Resp: 80404
 Ion Ratio Lower Upper
 228 100
 226 26.0 22.1 33.1
 229 19.7 15.8 23.8

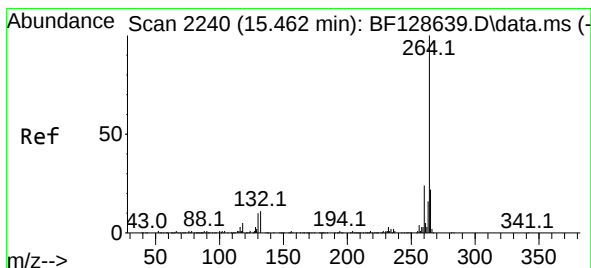
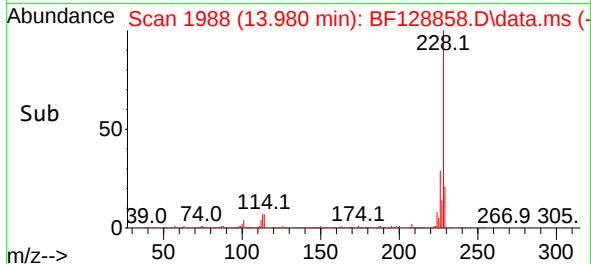
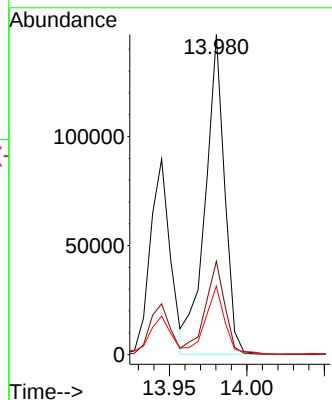
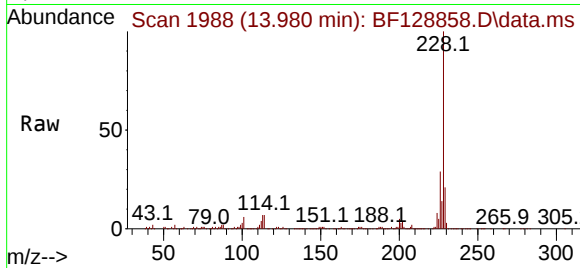




#83
Chrysene
Concen: 10.661 ng
RT: 13.980 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

Instrument :
BNA_F
ClientSampleId :
SC-6S

Tgt Ion:228	Resp: 126903
Ion Ratio	Lower Upper
228 100	
226 29.2	24.3 36.5
229 21.4	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: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion:264	Resp: 192342
Ion Ratio	Lower Upper
264 100	
260 23.8	18.4 27.6
265 21.9	17.2 25.8

