

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128856.D
 Acq On : 17 Jun 2022 16:09
 Operator : CG\JU
 Sample : N3373-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-1W

Quant Time: Jun 18 05:06:42 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)

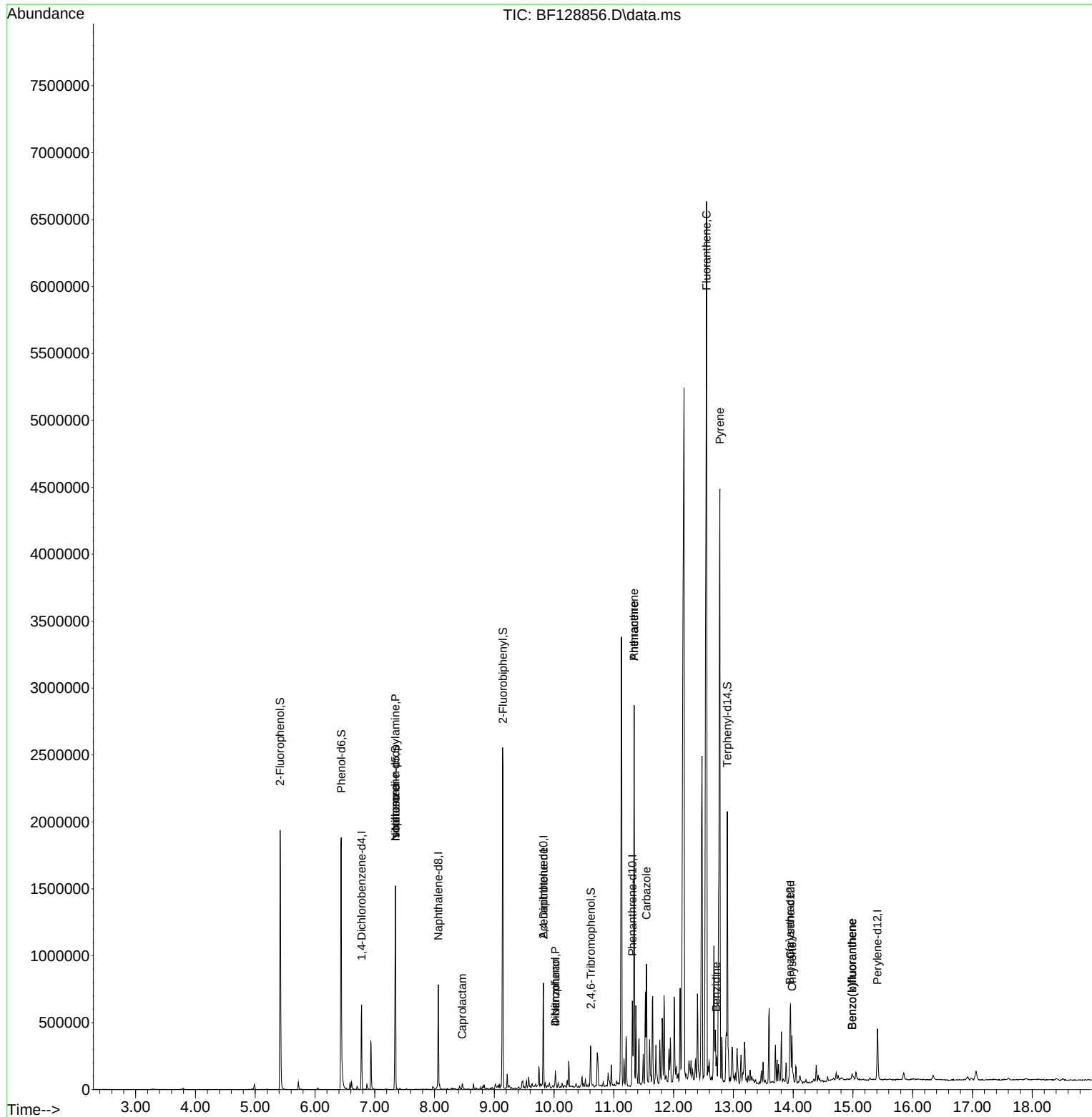
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	84463	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	290617	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	148696	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	235645	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	170502	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	167450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	463659	87.438	ng	0.00
7) Phenol-d6	6.440	99	649141	100.287	ng	0.00
23) Nitrobenzene-d5	7.345	82	459135	73.556	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	32536	18.519	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	798265	75.201	ng	0.00
79) Terphenyl-d14	12.898	244	618326	63.015	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	64310	15.979	ng	# 77
25) Isophorone	7.345	82	459128	48.430	ng	# 65
35) Caprolactam	8.463	113	3975	3.229	ng	95
55) Dibenzofuran	10.022	168	37443	3.070	ng	93
56) 4-Nitrophenol	10.022	139	15935	10.083	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	20316	7.578	ng	# 22
71) Phenanthrene	11.339	178	994640	84.153	ng	98
72) Anthracene	11.339	178	994640	85.021	ng	99
73) Carbazole	11.545	167	318944	29.353	ng	99
75) Fluoranthene	12.551	202	3634819	294.201	ng	98
77) Benzidine	12.716	184	28084	8.263	ng	# 96
78) Pyrene	12.774	202	1981839	156.231	ng	99
81) Benzo(a)anthracene	13.945	228	122399	11.517	ng	97
83) Chrysene	13.980	228	122646	12.104	ng	99
88) Benzo(b)fluoranthene	14.986	252	22749	2.126	ng	96
89) Benzo(k)fluoranthene	14.986	252	22749	2.260	ng	# 95

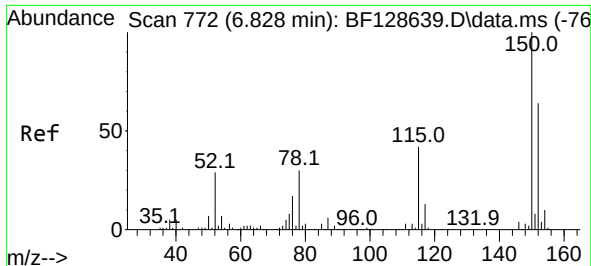
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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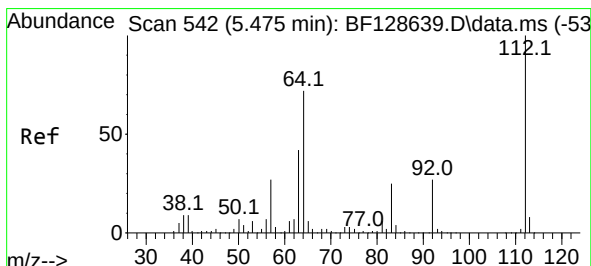
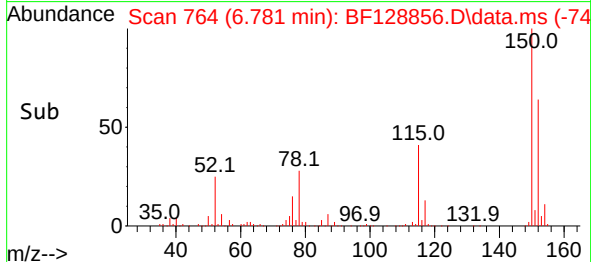
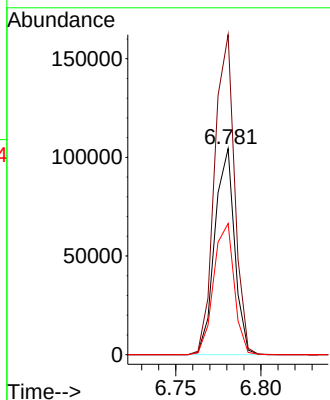
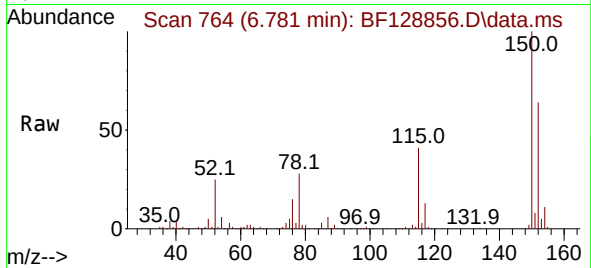




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

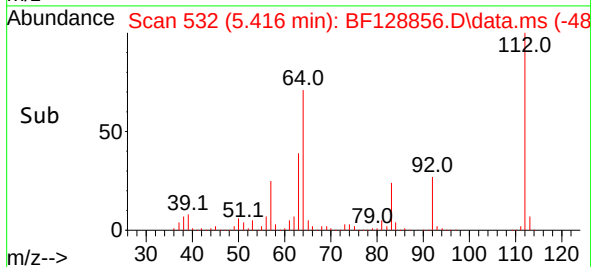
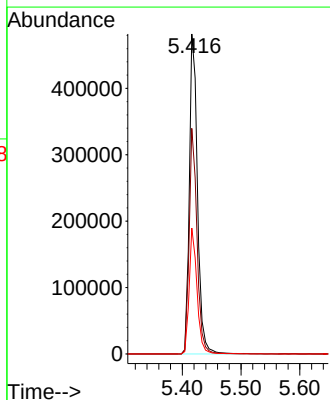
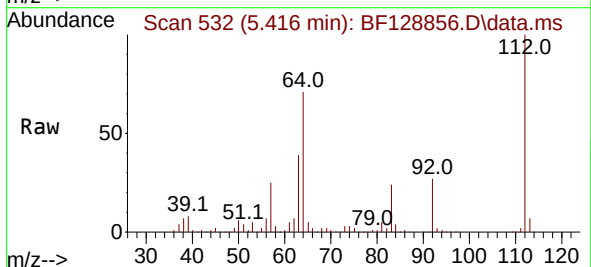
Instrument :
BNA_F
ClientSampleId :
SC-1W

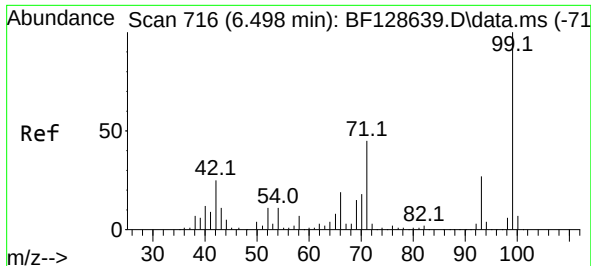
Tgt Ion:152 Resp: 84463
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 63.6 49.9 74.9



#5
2-Fluorophenol
Concen: 87.438 ng
RT: 5.416 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion:112 Resp: 463659
Ion Ratio Lower Upper
112 100
64 70.5 53.3 79.9
63 39.3 28.0 42.0

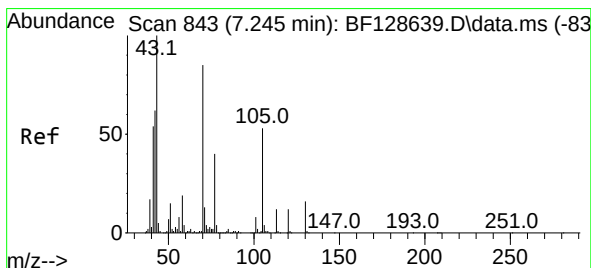
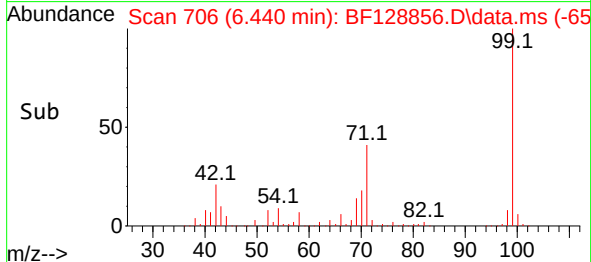
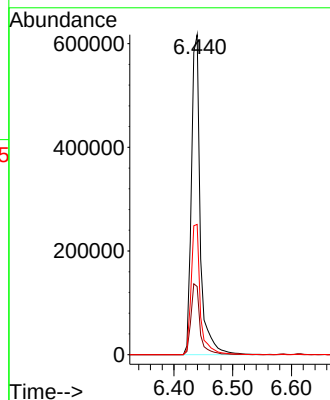
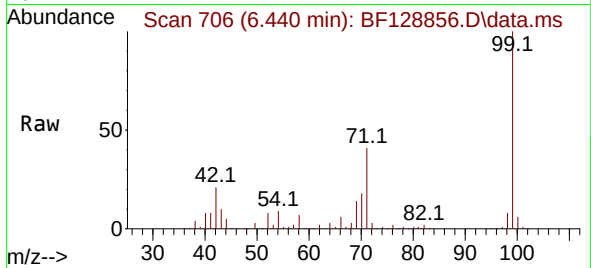




#7
Phenol-d6
Concen: 100.287 ng
RT: 6.440 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

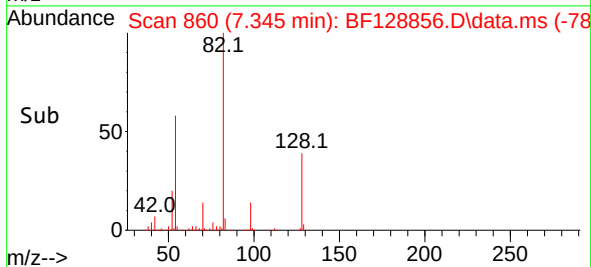
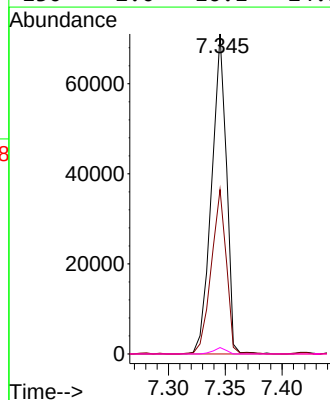
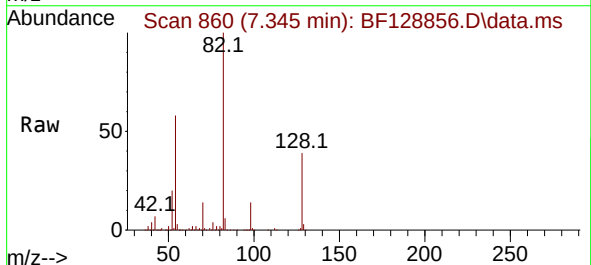
Instrument :
BNA_F
ClientSampleId :
SC-1W

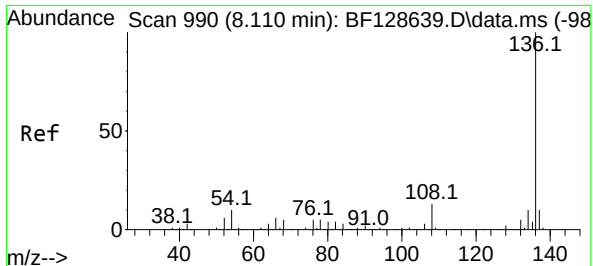
Tgt Ion: 99 Resp: 649141
Ion Ratio Lower Upper
99 100
42 21.3 17.3 25.9
71 40.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.979 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion: 70 Resp: 64310
Ion Ratio Lower Upper
70 100
42 51.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

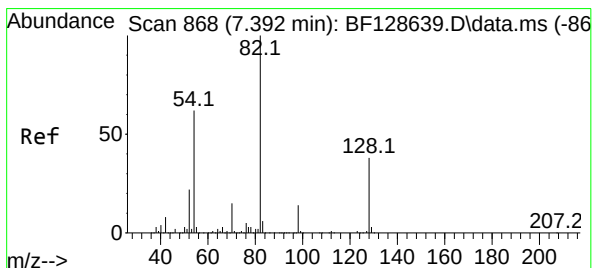
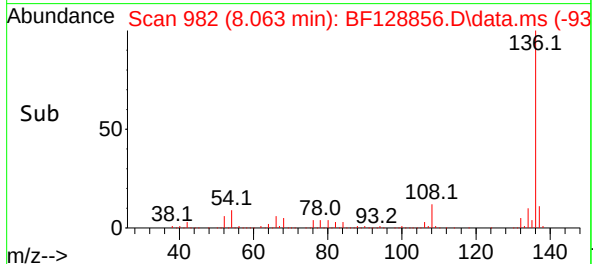
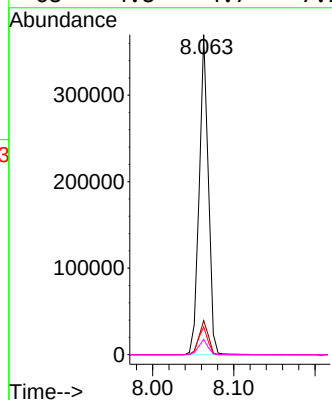
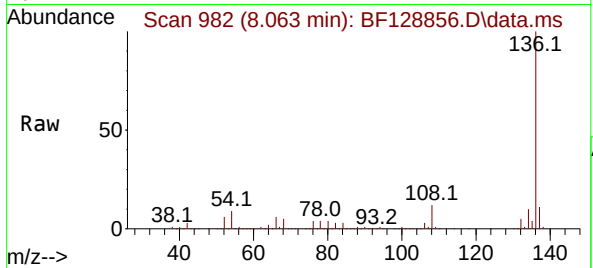




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

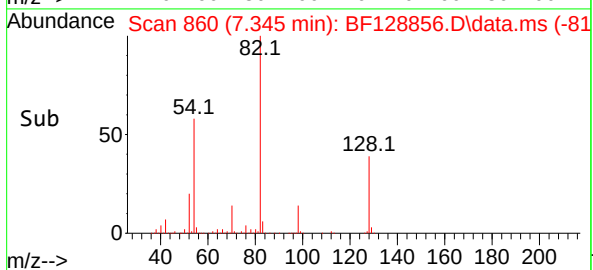
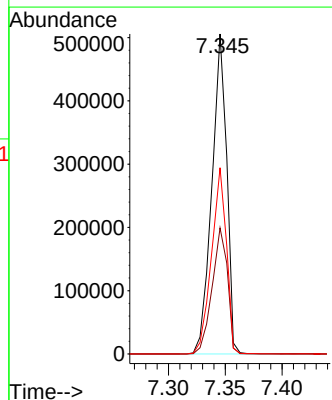
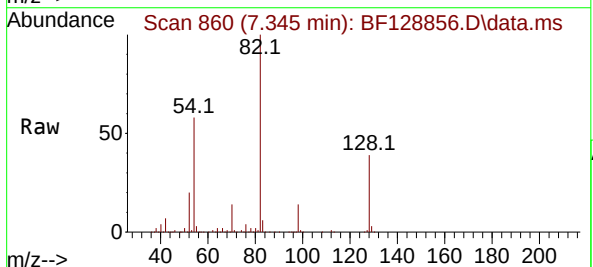
Instrument :
BNA_F
ClientSampleId :
SC-1W

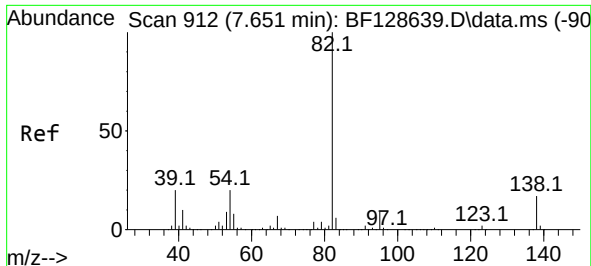
Tgt Ion:136 Resp: 290617
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.7 7.5 11.3
68 4.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 73.556 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion: 82 Resp: 459135
Ion Ratio Lower Upper
82 100
128 39.4 34.0 51.0
54 58.2 46.9 70.3

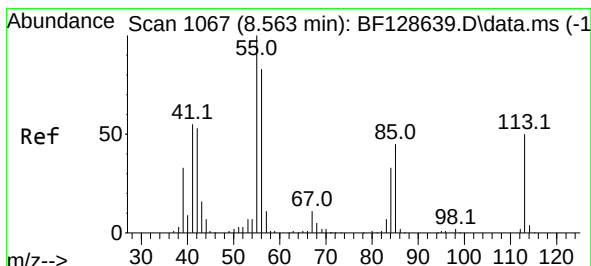
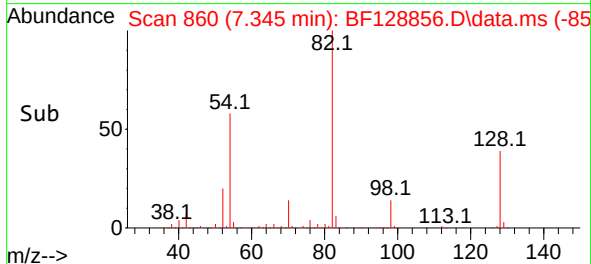
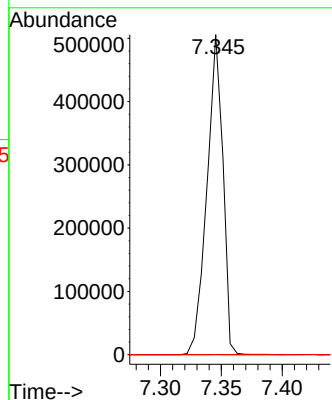
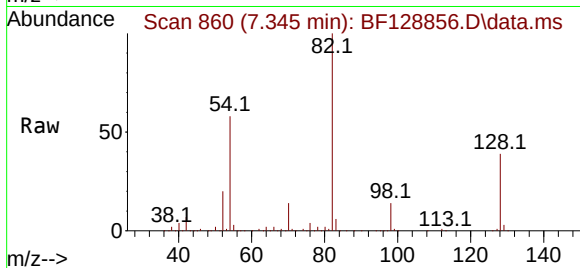




#25
Isophorone
Concen: 48.430 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

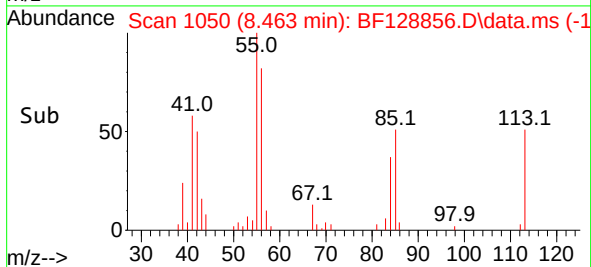
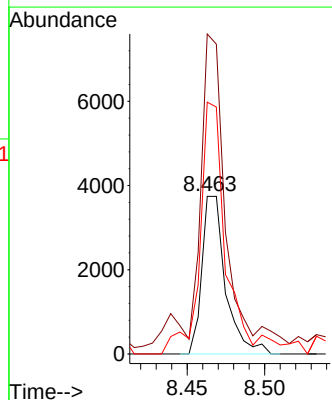
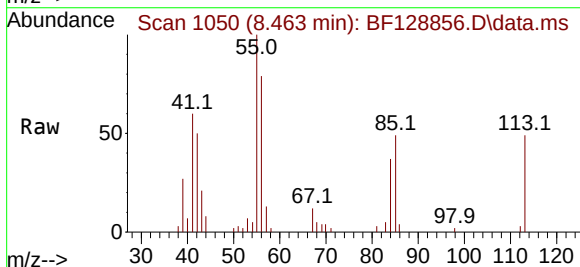
Instrument :
BNA_F
ClientSampleId :
SC-1W

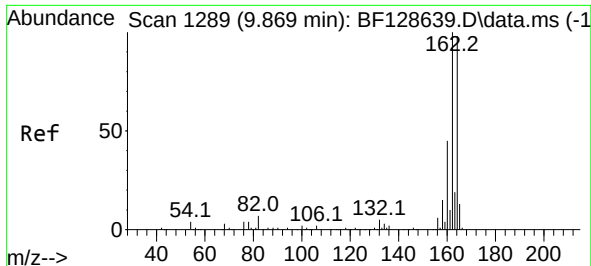
Tgt Ion: 82 Resp: 459128
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#35
Caprolactam
Concen: 3.229 ng
RT: 8.463 min Scan# 1050
Delta R.T. -0.065 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion: 113 Resp: 3975
Ion Ratio Lower Upper
113 100
55 202.9 188.5 228.5
56 159.8 130.6 170.6

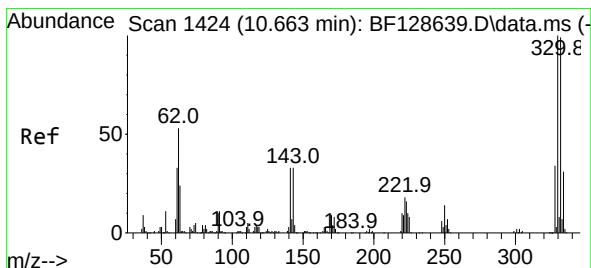
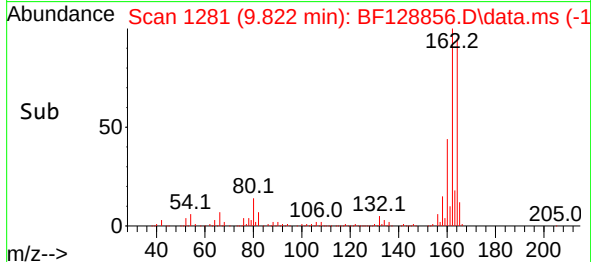
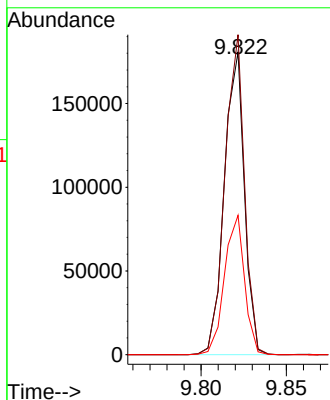
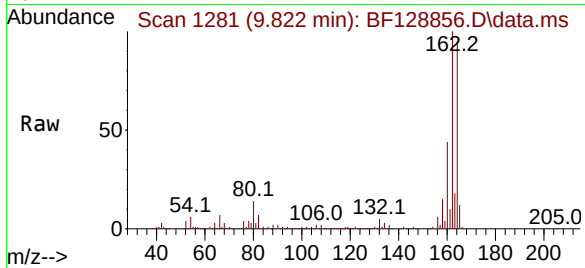




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

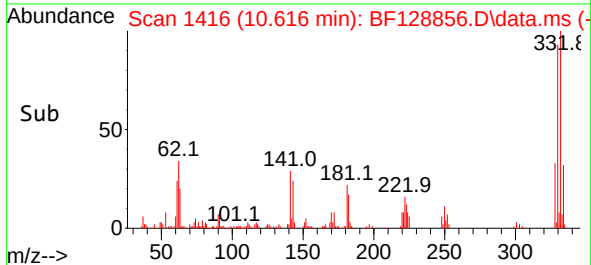
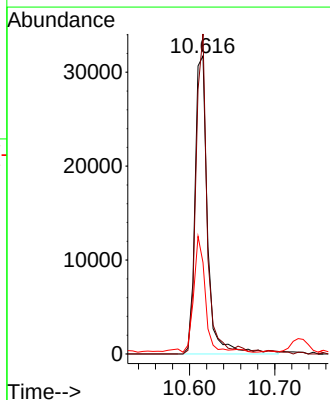
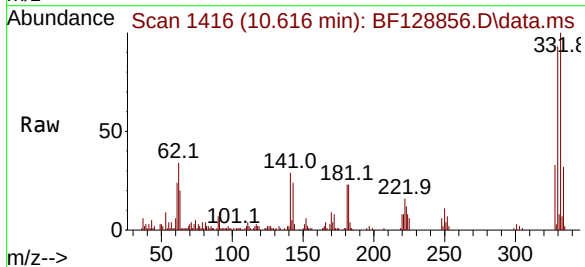
Instrument :
BNA_F
ClientSampleId :
SC-1W

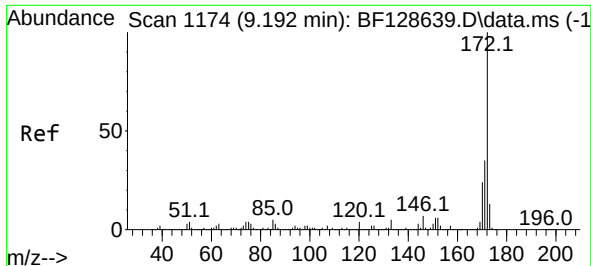
Tgt Ion:164 Resp: 148696
Ion Ratio Lower Upper
164 100
162 105.7 79.5 119.3
160 46.0 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 18.519 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion:330 Resp: 32536
Ion Ratio Lower Upper
330 100
332 94.0 76.8 115.2
141 34.5 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 75.201 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128856.D

Acq: 17 Jun 2022 16:09

Instrument :

BNA_F

ClientSampleId :

SC-1W

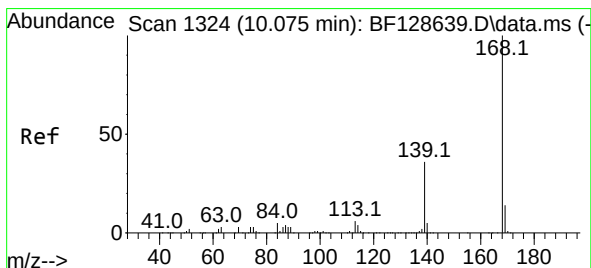
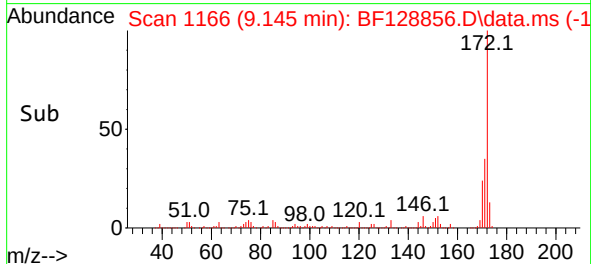
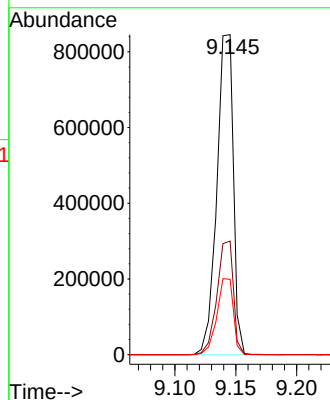
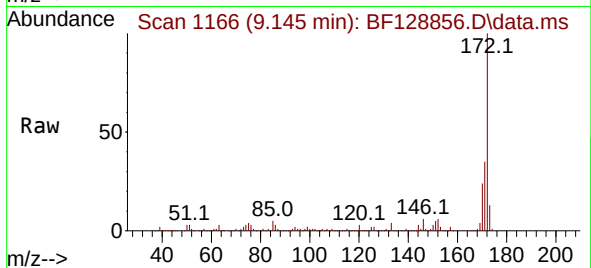
Tgt Ion:172 Resp: 798265

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.6 19.8 29.8



#55

Dibenzofuran

Concen: 3.070 ng

RT: 10.022 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF128856.D

Acq: 17 Jun 2022 16:09

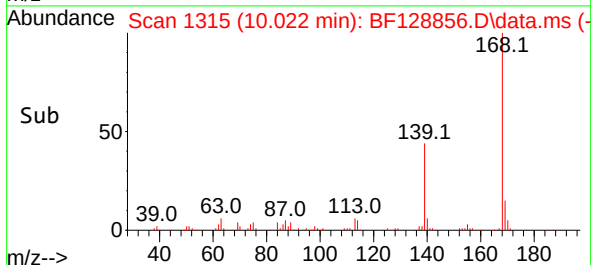
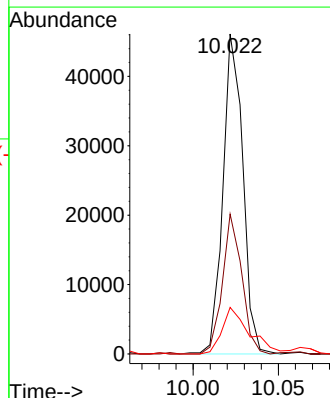
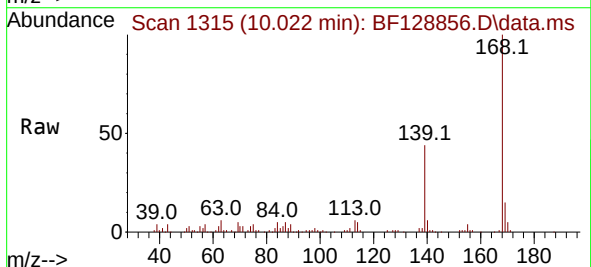
Tgt Ion:168 Resp: 37443

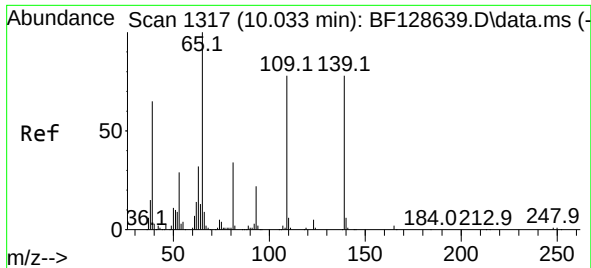
Ion Ratio Lower Upper

168 100

139 43.7 30.6 46.0

169 14.5 11.0 16.6

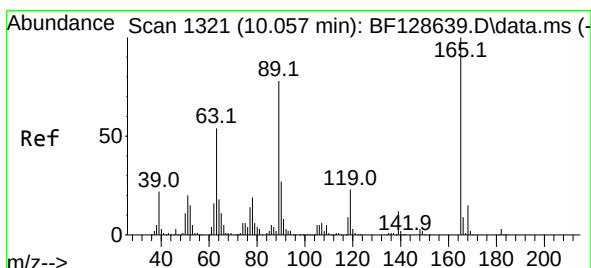
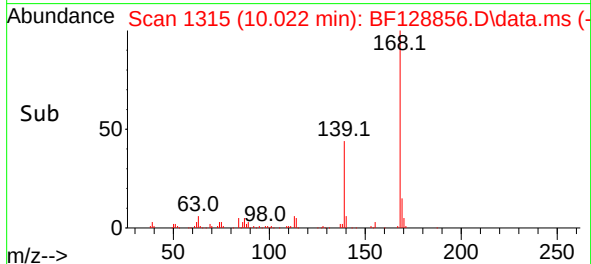
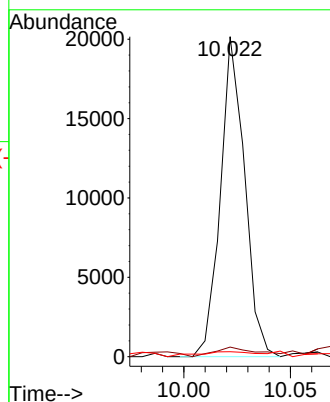
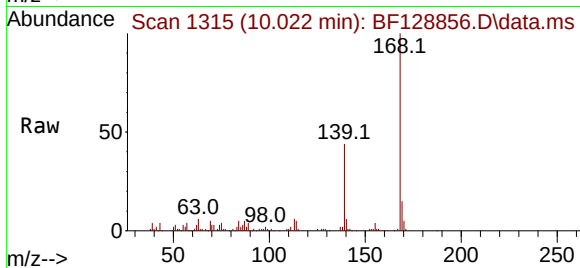




#56
4-Nitrophenol
Concen: 10.083 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

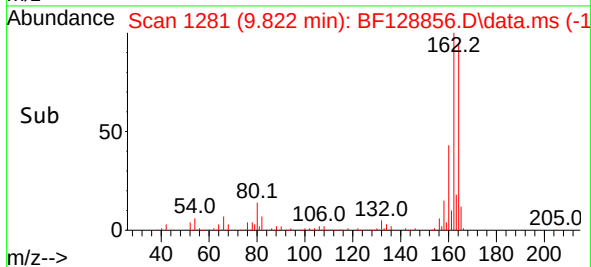
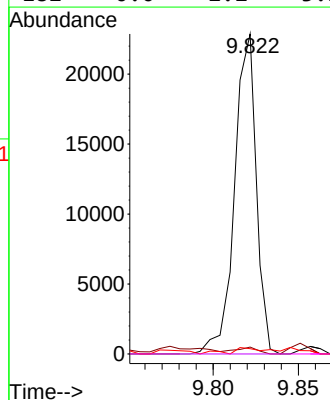
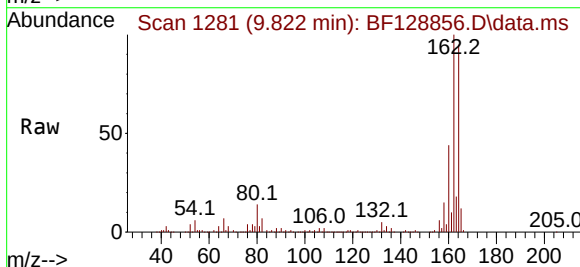
Instrument :
BNA_F
ClientSampleId :
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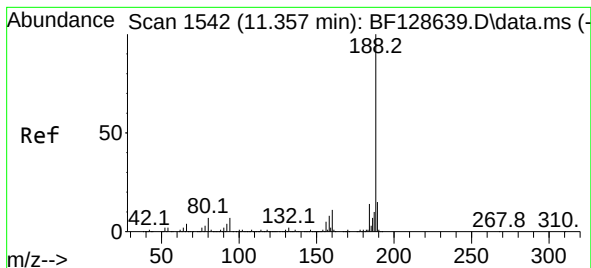
Tgt Ion:139 Resp: 15935
Ion Ratio Lower Upper
139 100
109 3.0 50.7 90.7#
65 1.6 74.5 114.5#



#57
2,4-Dinitrotoluene
Concen: 7.578 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.200 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion:165 Resp: 20316
Ion Ratio Lower Upper
165 100
63 2.2 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1539

Delta R.T. -0.006 min

Lab File: BF128856.D

Acq: 17 Jun 2022 16:09

Instrument :

BNA_F

ClientSampleId :

SC-1W

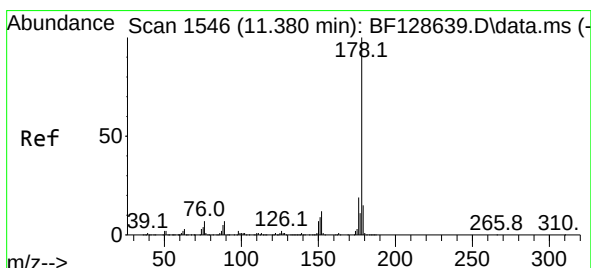
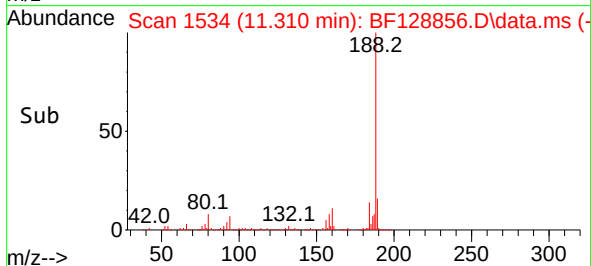
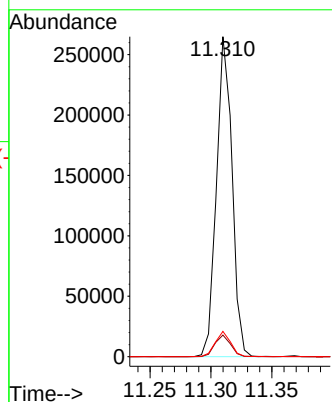
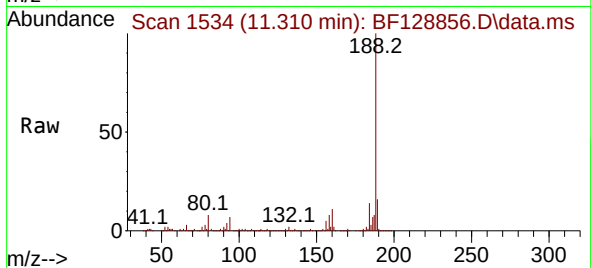
Tgt Ion:188 Resp: 235645

Ion Ratio Lower Upper

188 100

94 6.7 7.0 10.6#

80 7.9 7.6 11.4



#71

Phenanthrene

Concen: 84.153 ng

RT: 11.339 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF128856.D

Acq: 17 Jun 2022 16:09

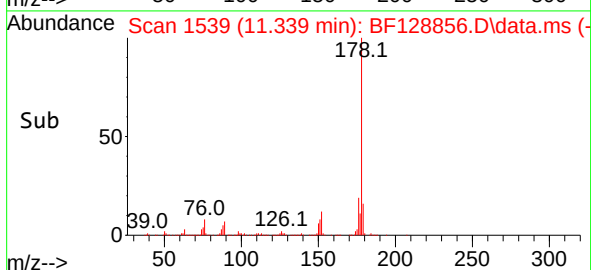
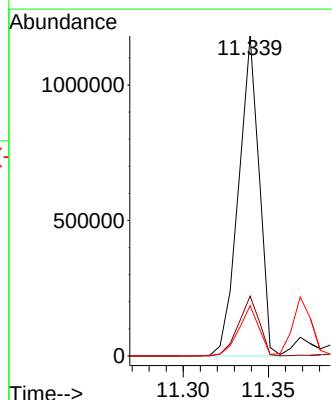
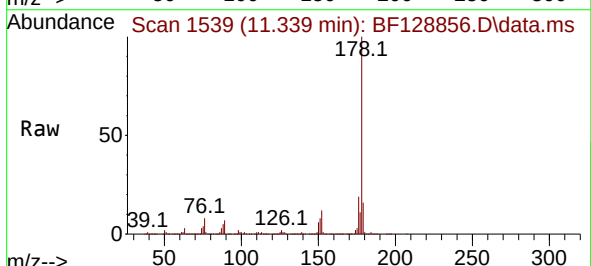
Tgt Ion:178 Resp: 994640

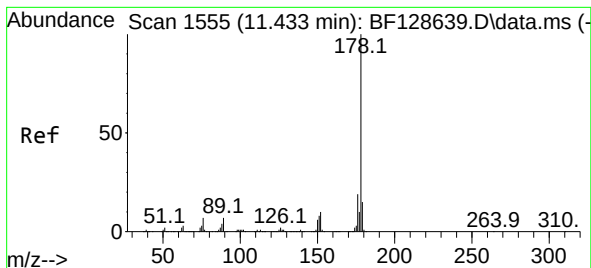
Ion Ratio Lower Upper

178 100

176 18.7 16.0 24.0

179 15.7 12.6 19.0





#72

Anthracene

Concen: 85.021 ng

RT: 11.339 min Scan# 1539

Delta R.T. -0.053 min

Lab File: BF128856.D

Acq: 17 Jun 2022 16:09

Instrument :

BNA_F

ClientSampleId :

SC-1W

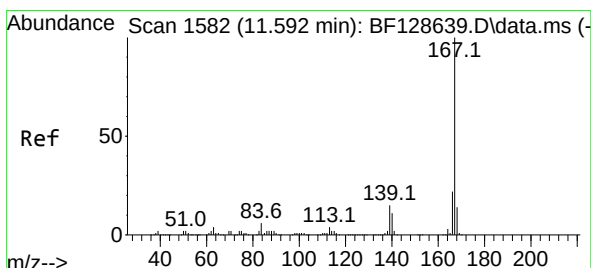
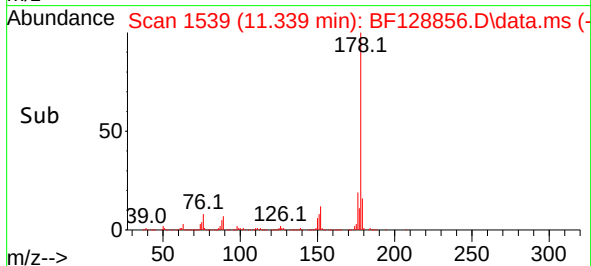
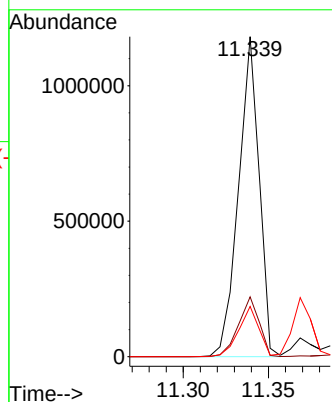
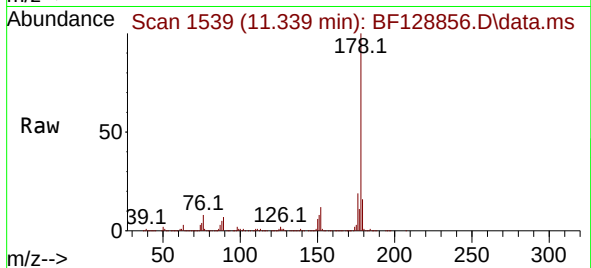
Tgt Ion:178 Resp: 994640

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

179 15.7 12.6 19.0



#73

Carbazole

Concen: 29.353 ng

RT: 11.545 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF128856.D

Acq: 17 Jun 2022 16:09

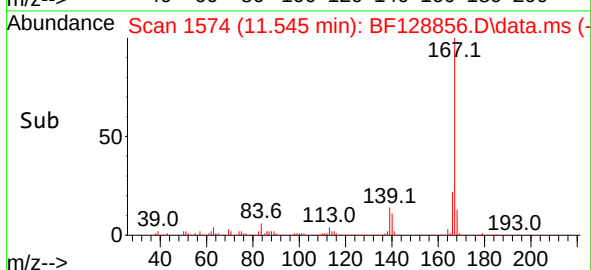
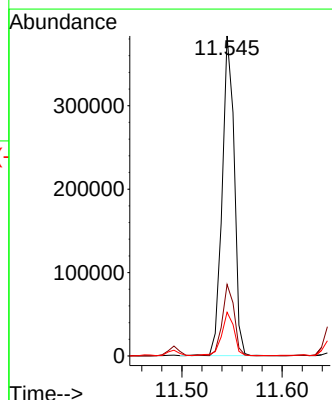
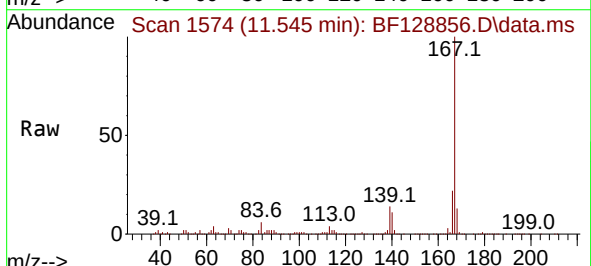
Tgt Ion:167 Resp: 318944

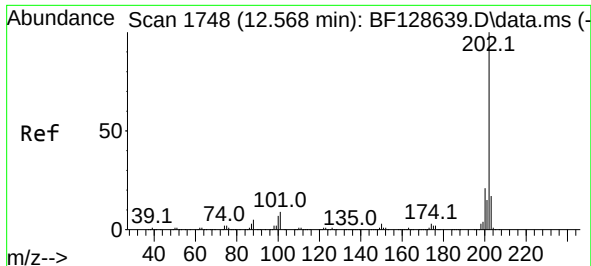
Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

139 13.6 11.2 16.8

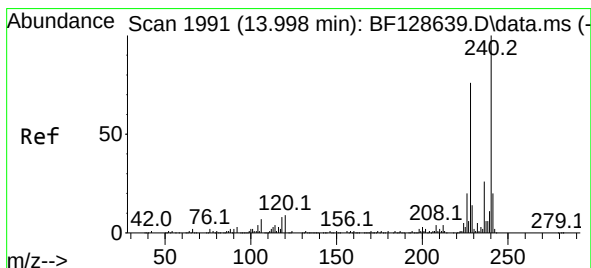
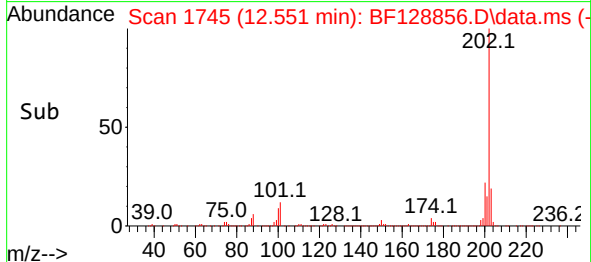
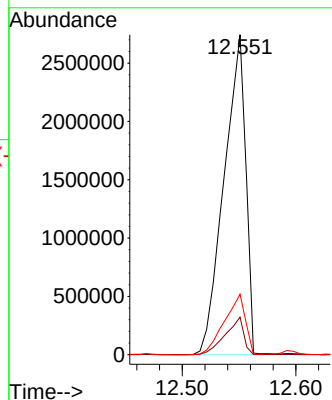
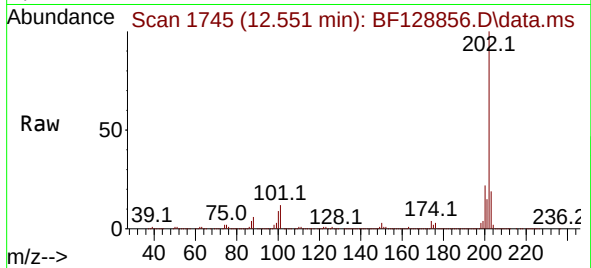




#75
Fluoranthene
Concen: 294.201 ng
RT: 12.551 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

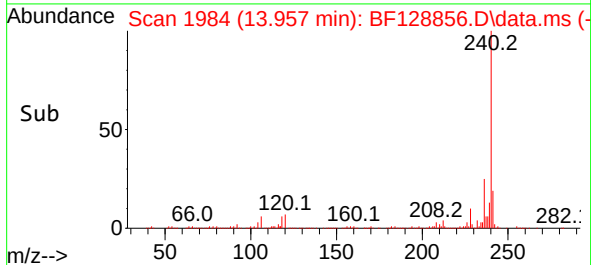
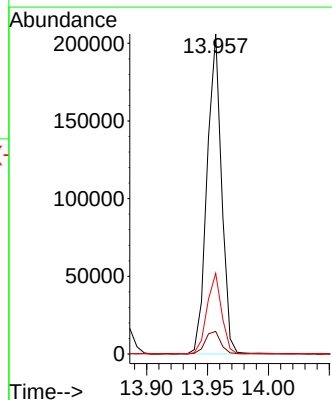
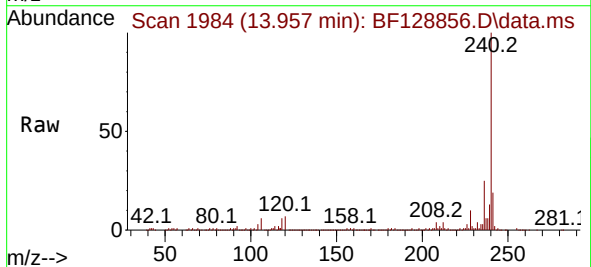
Instrument :
BNA_F
ClientSampleId :
SC-1W

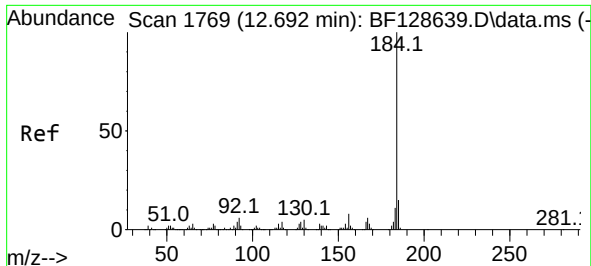
Tgt Ion:202 Resp: 3634819
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.4
203 18.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion:240 Resp: 170502
Ion Ratio Lower Upper
240 100
120 7.0 8.9 13.3#
236 25.2 20.8 31.2

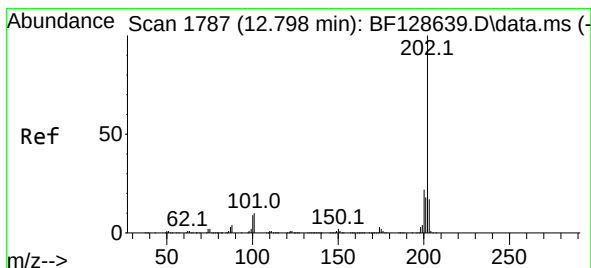
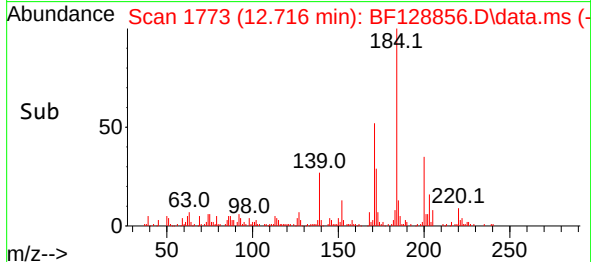
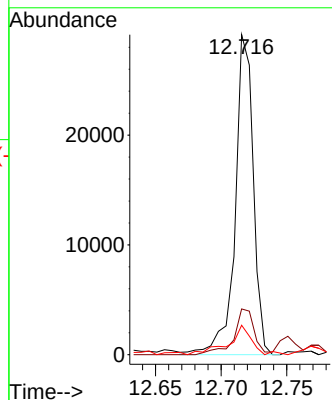
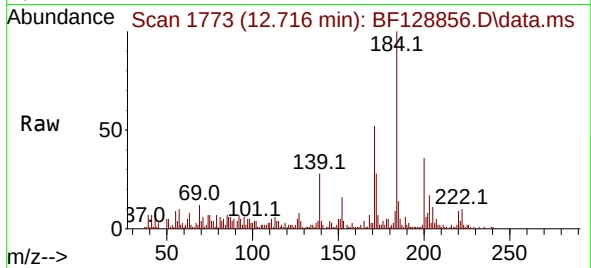




#77
Benzidine
Concen: 8.263 ng
RT: 12.716 min Scan# 1773
Delta R.T. 0.065 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

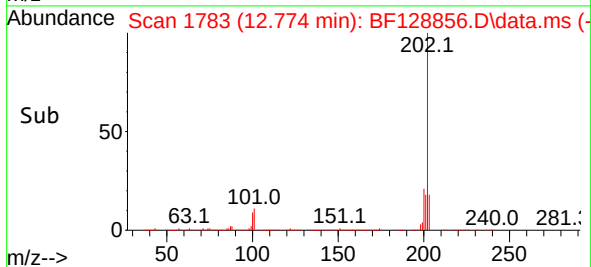
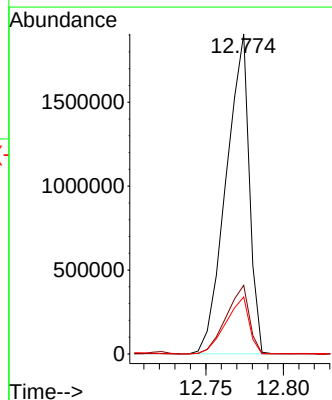
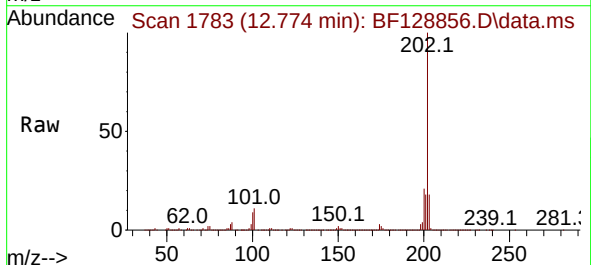
Instrument :
BNA_F
ClientSampleId :
SC-1W

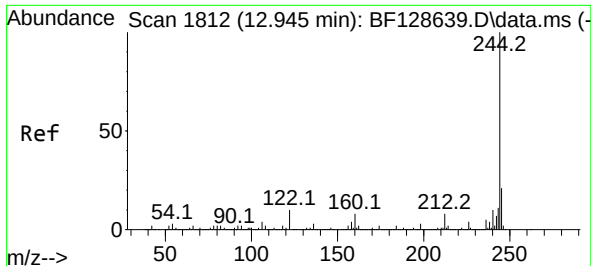
Tgt Ion:184 Resp: 28084
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 9.2 9.3 13.9#



#78
Pyrene
Concen: 156.231 ng
RT: 12.774 min Scan# 1783
Delta R.T. 0.018 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion:202 Resp: 1981839
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 17.8 14.6 21.8

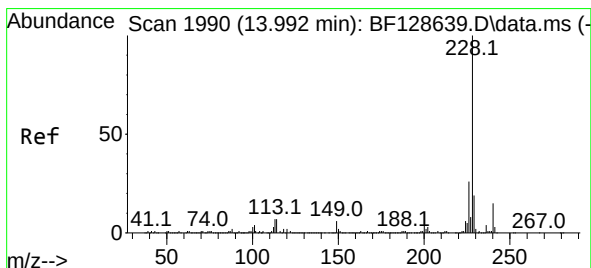
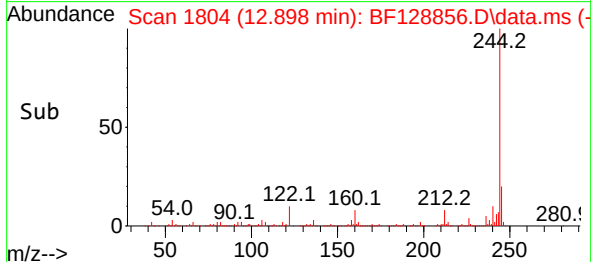
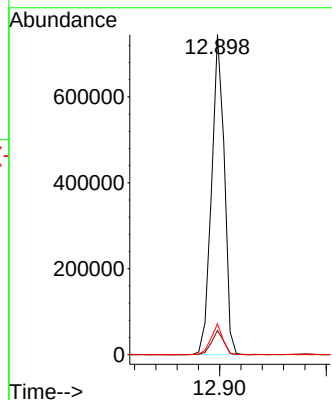
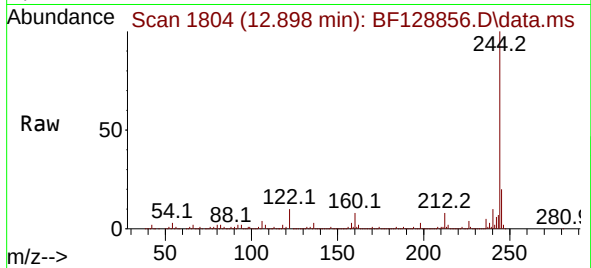




#79
 Terphenyl-d14
 Concen: 63.015 ng
 RT: 12.898 min Scan# 1804
 Delta R.T. -0.006 min
 Lab File: BF128856.D
 Acq: 17 Jun 2022 16:09

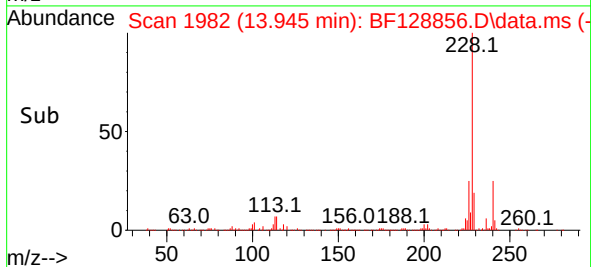
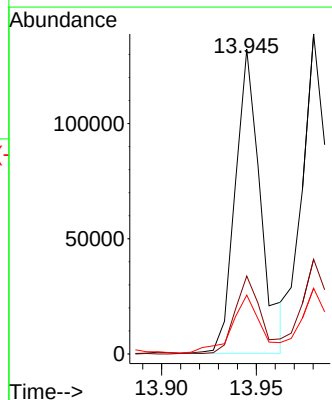
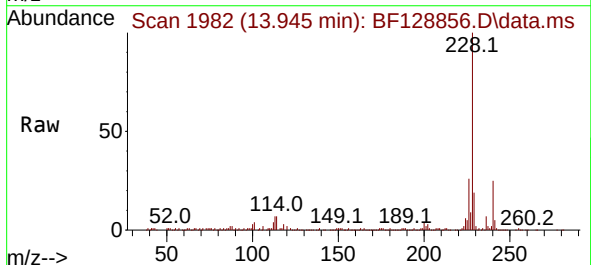
Instrument :
 BNA_F
 ClientSampleId :
 SC-1W

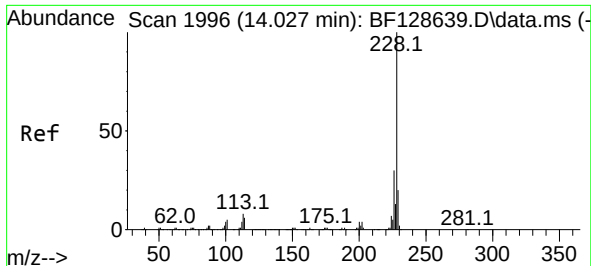
Tgt Ion:244 Resp: 618326
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.6 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 11.517 ng
 RT: 13.945 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: BF128856.D
 Acq: 17 Jun 2022 16:09

Tgt Ion:228 Resp: 122399
 Ion Ratio Lower Upper
 228 100
 226 25.6 22.1 33.1
 229 19.3 15.8 23.8

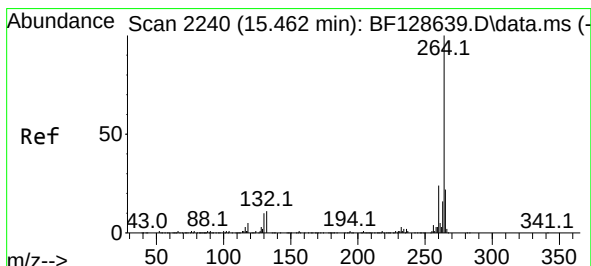
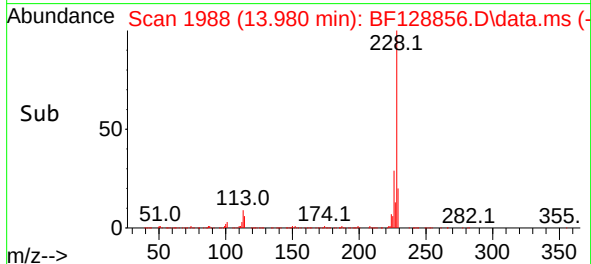
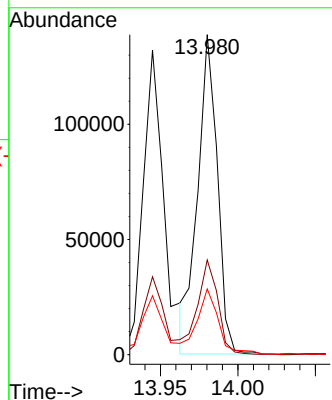
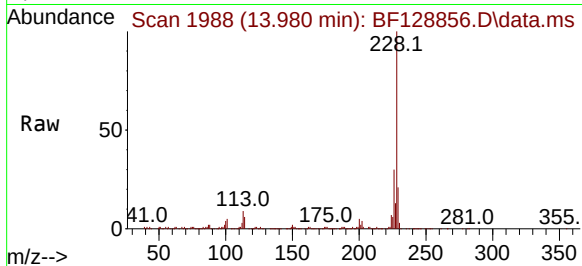




#83
Chrysene
Concen: 12.104 ng
RT: 13.980 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

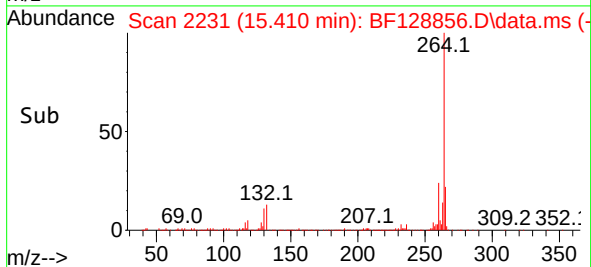
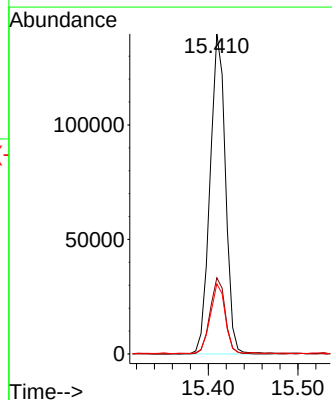
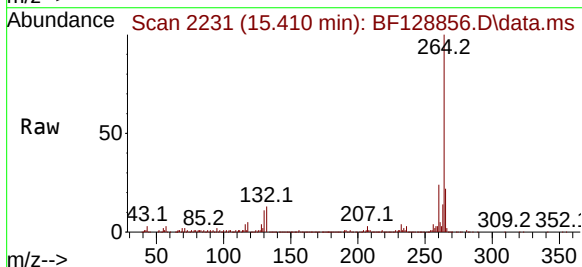
Instrument :
BNA_F
ClientSampleId :
SC-1W

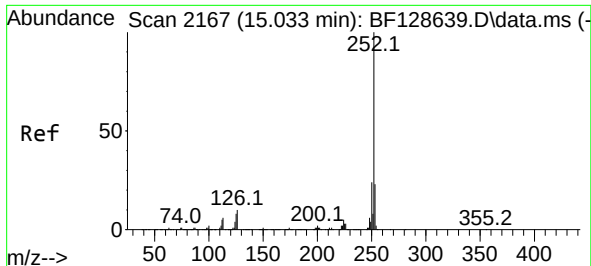
Tgt Ion:228 Resp: 122646
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 20.6 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion:264 Resp: 167450
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.9 17.2 25.8

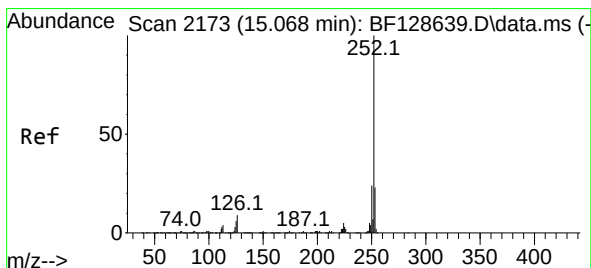
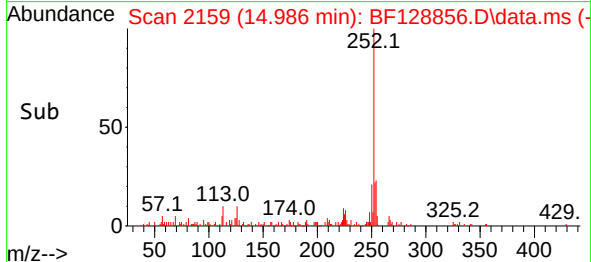
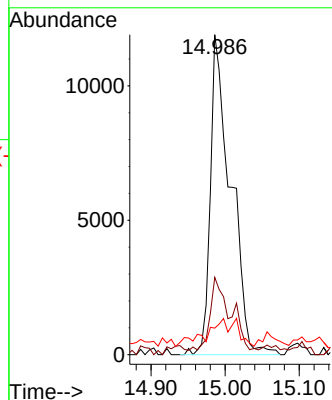
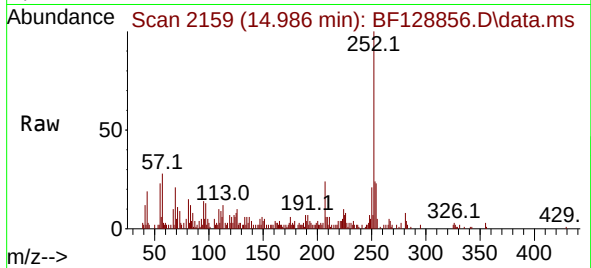




#88
Benzo(b)fluoranthene
Concen: 2.126 ng
RT: 14.986 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Instrument :
BNA_F
ClientSampleId :
SC-1W

Tgt Ion:252 Resp: 22749
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 8.3 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 2.260 ng
RT: 14.986 min Scan# 2159
Delta R.T. -0.041 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion:252 Resp: 22749
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.6
125 8.3 8.3 12.5#

