

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128899.D
 Acq On : 21 Jun 2022 14:42
 Operator : CG\JU
 Sample : N3373-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-6E

Quant Time: Jun 22 01:49:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

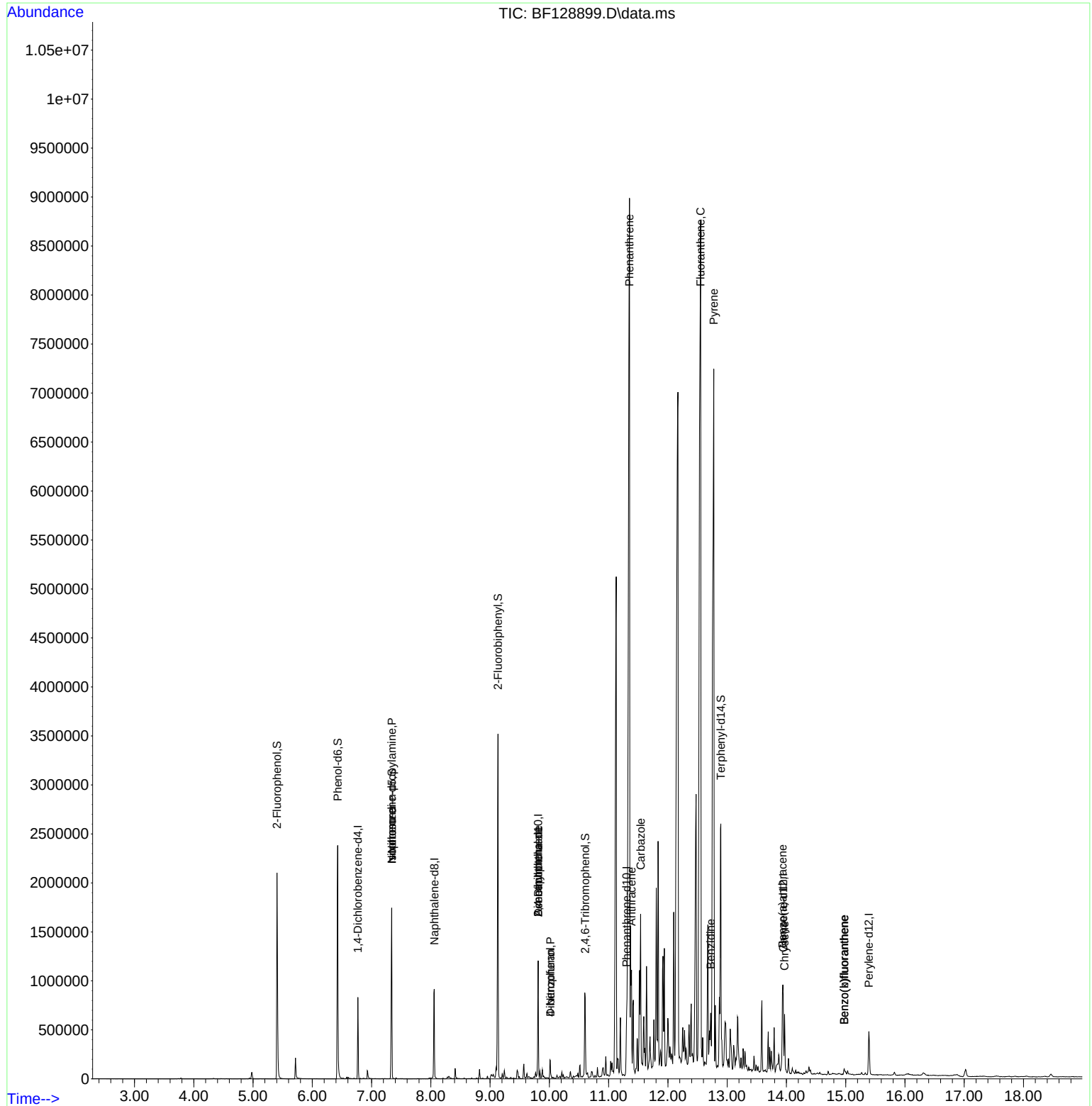
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	100264	20.00	ng	0.01
21) Naphthalene-d8	8.057	136	393695	20.00	ng	# 0.02
39) Acenaphthene-d10	9.810	164	219371	20.00	ng	0.02
64) Phenanthrene-d10	11.304	188	371503	20.00	ng	0.02
76) Chrysene-d12	13.945	240	213866	20.00	ng	# 0.02
86) Perylene-d12	15.392	264	199653	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	500658	79.54	ng	0.02
7) Phenol-d6	6.428	99	714080	92.93	ng	0.01
23) Nitrobenzene-d5	7.340	82	512290	60.58	ng	0.01
42) 2,4,6-Tribromophenol	10.604	330	91915	35.46	ng	0.02
45) 2-Fluorobiphenyl	9.134	172	1009945	64.49	ng	0.02
79) Terphenyl-d14	12.892	244	894247	72.66	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	73523	15.39	ng	# 77
25) Isophorone	7.340	82	510027	39.71	ng	# 65
50) Dimethylphthalate	9.810	163	40365	2.69	ng	# 1
55) Dibenzofuran	10.016	168	67910	3.77	ng	94
56) 4-Nitrophenol	10.016	139	29476	12.64	ng	# 9
57) 2,4-Dinitrotoluene	9.810	165	28993	7.33	ng	# 22
71) Phenanthrene	11.351	178	5565113	298.66	ng	96
72) Anthracene	11.386	178	318070	17.25	ng	99
73) Carbazole	11.539	167	555865	32.45	ng	100
75) Fluoranthene	12.551	202	6248533	320.80	ng	96
77) Benzidine	12.722	184	75902	17.80	ng	# 95
78) Pyrene	12.775	202	4311356	270.96	ng	98
81) Benzo(a)anthracene	13.933	228	264289	19.83	ng	98
83) Chrysene	13.969	228	173211	13.63	ng	97
88) Benzo(b)fluoranthene	14.974	252	36350	2.85	ng	98
89) Benzo(k)fluoranthene	14.974	252	36350	3.03	ng	98

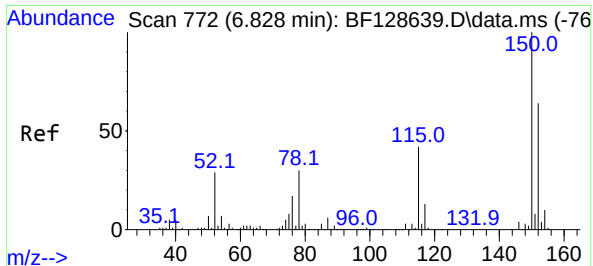
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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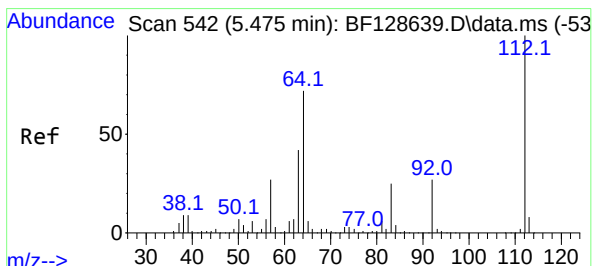
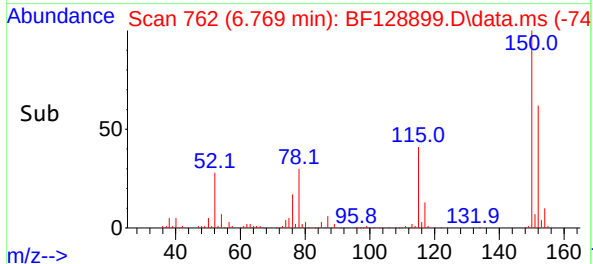
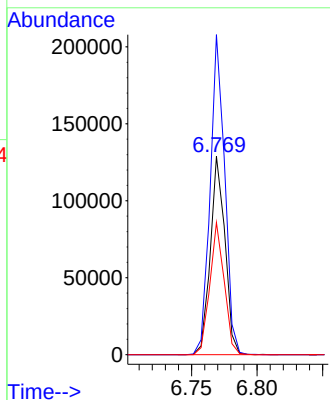
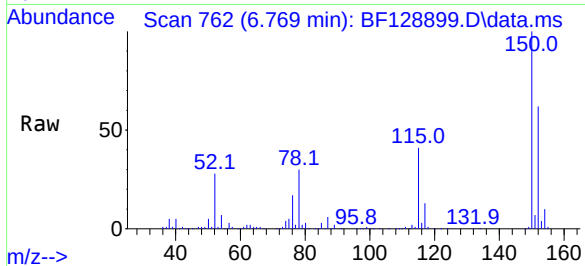




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.769 min Scan# 70
Delta R.T. 0.012 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

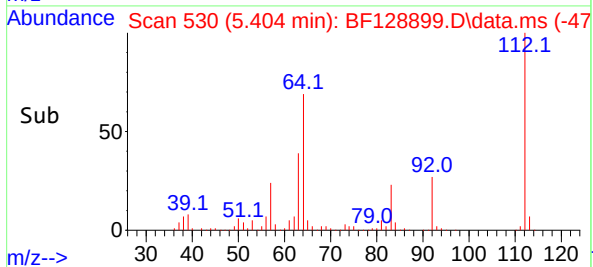
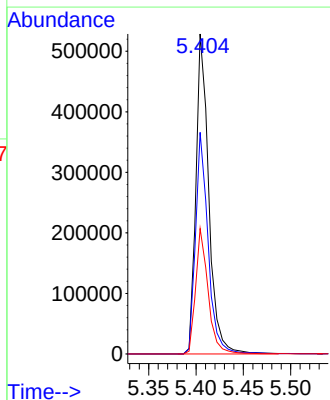
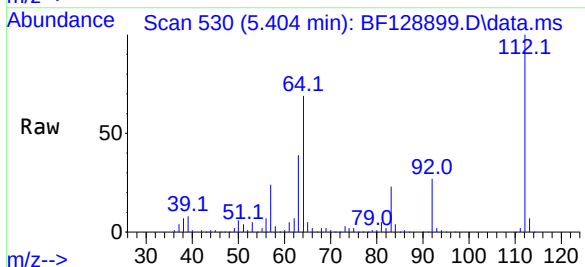
Instrument :
BNA_F
ClientSampleId :
SC-6E

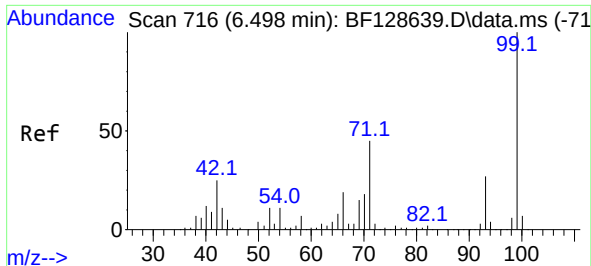
Tgt Ion:152 Resp: 100264
Ion Ratio Lower Upper
152 100
150 161.4 123.7 185.5
115 66.7 49.9 74.9



#5
2-Fluorophenol
Concen: 79.54 ng
RT: 5.404 min Scan# 530
Delta R.T. 0.018 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

Tgt Ion:112 Resp: 500658
Ion Ratio Lower Upper
112 100
64 69.2 53.3 79.9
63 39.2 28.0 42.0

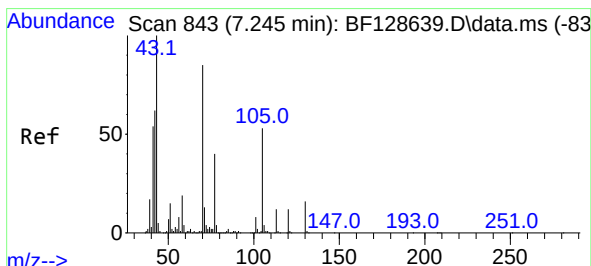
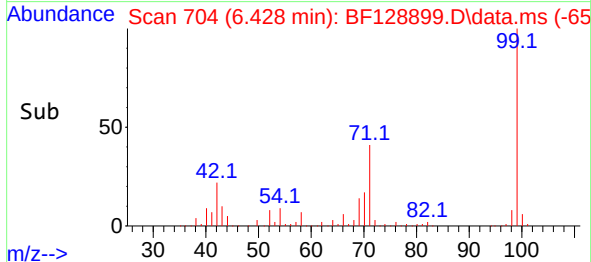
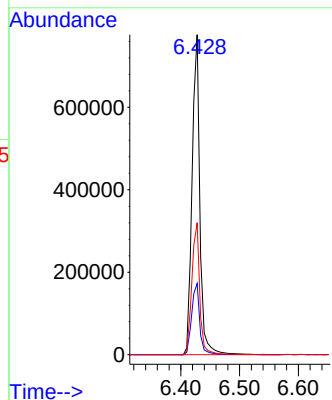
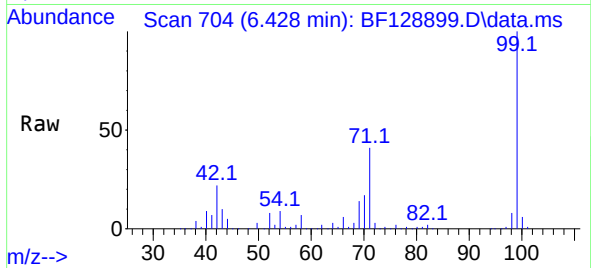




#7
Phenol-d6
Concen: 92.93 ng
RT: 6.428 min Scan# 716
Delta R.T. 0.012 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

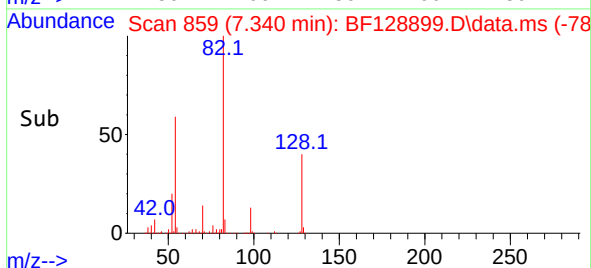
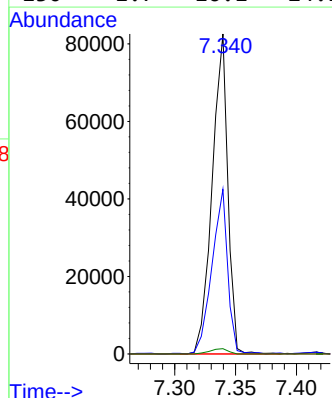
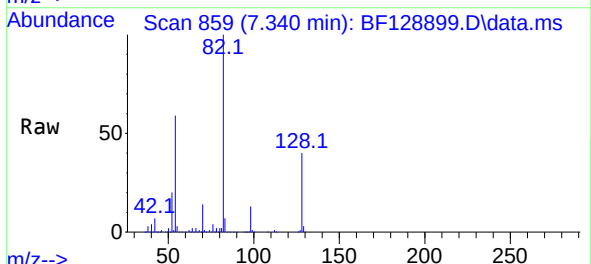
Instrument :
BNA_F
ClientSampleId :
SC-6E

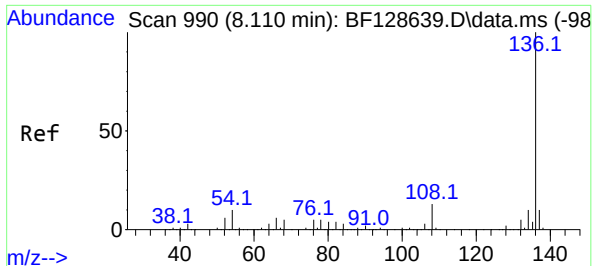
Tgt Ion: 99 Resp: 714080
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 41.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.39 ng
RT: 7.340 min Scan# 859
Delta R.T. 0.159 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

Tgt Ion: 70 Resp: 73523
Ion Ratio Lower Upper
70 100
42 51.4 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#



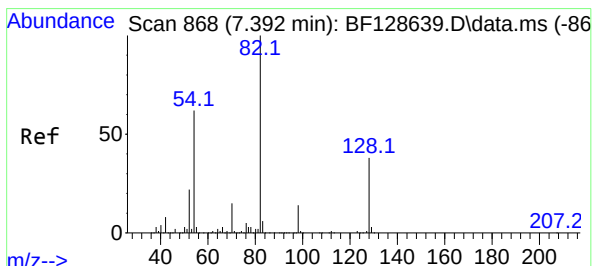
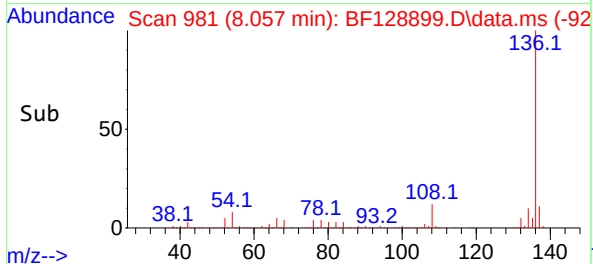
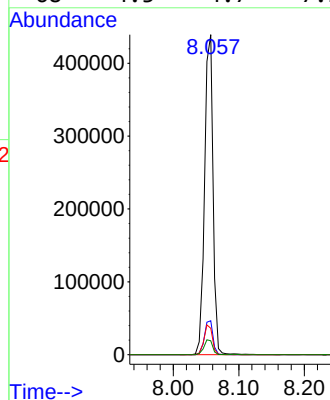
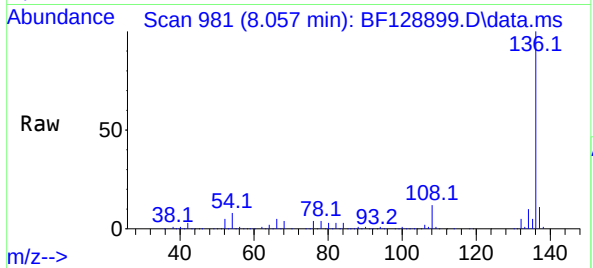


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.057 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

Instrument :
BNA_F
ClientSampleId :
SC-6E

Tgt Ion:136 Resp: 393695

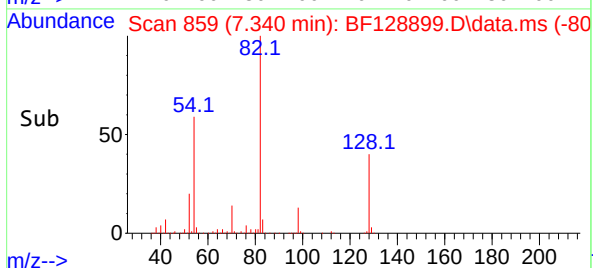
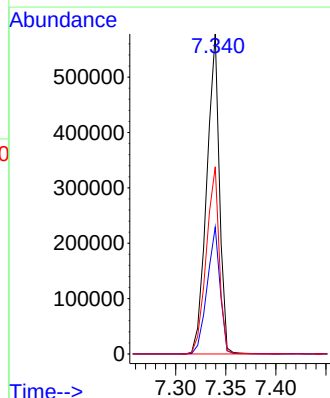
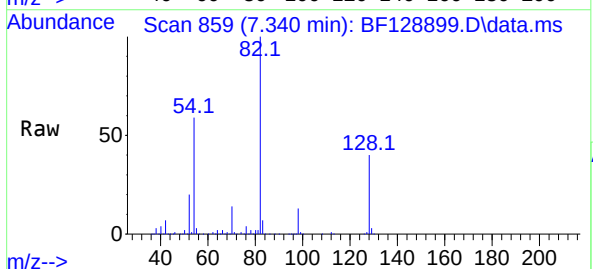
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.3	7.5	11.3
68	4.3	4.7	7.1

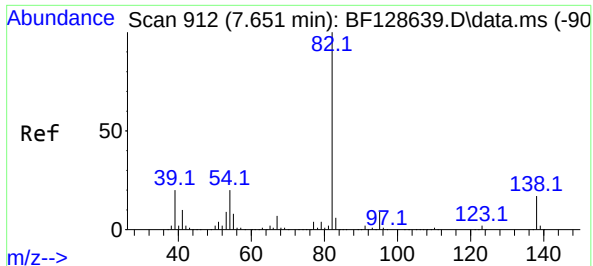


#23
Nitrobenzene-d5
Concen: 60.58 ng
RT: 7.340 min Scan# 859
Delta R.T. 0.012 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

Tgt Ion: 82 Resp: 512290

Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.0	51.0
54	58.5	46.9	70.3

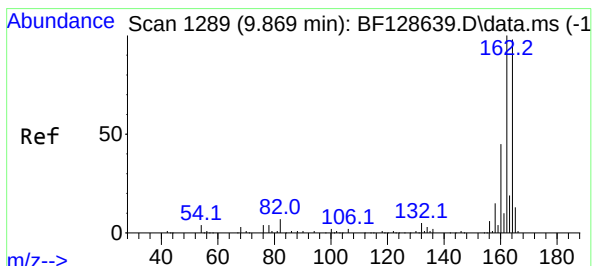
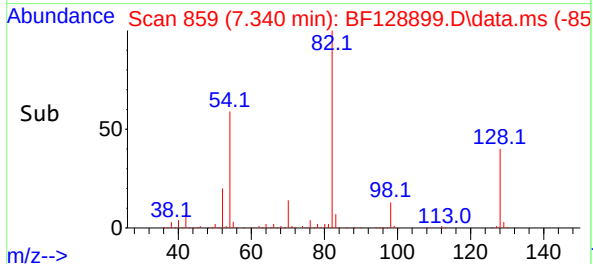
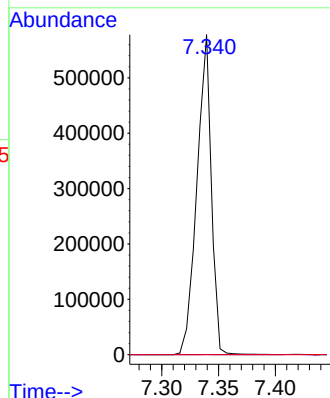
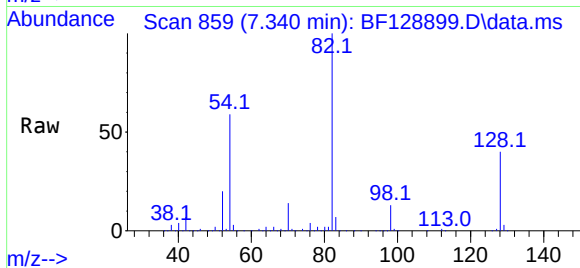




#25
Isophorone
Concen: 39.71 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.247 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

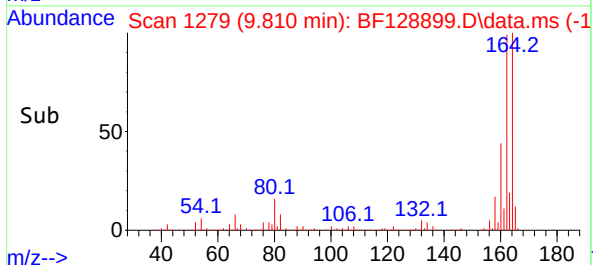
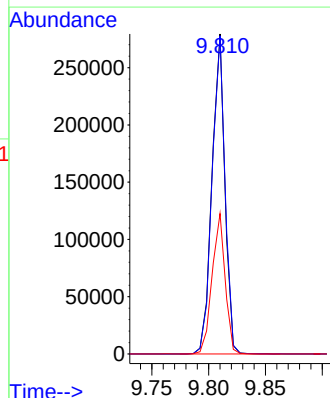
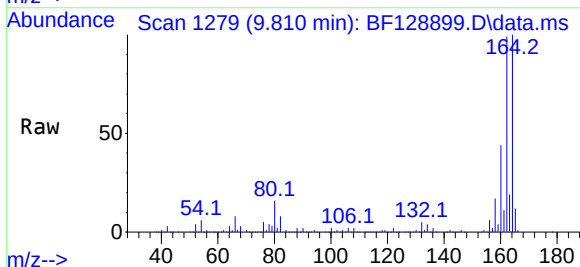
Instrument :
BNA_F
ClientSampleId :
SC-6E

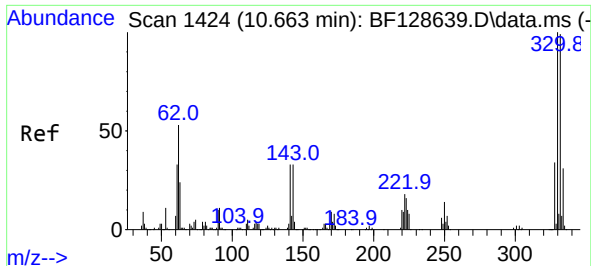
Tgt Ion: 82 Resp: 510027
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.018 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

Tgt Ion:164 Resp: 219371
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 35.46 ng

RT: 10.604 min Scan# 1414

Delta R.T. 0.018 min

Lab File: BF128899.D

Acq: 21 Jun 2022 14:42

Instrument :

BNA_F

ClientSampleId :

SC-6E

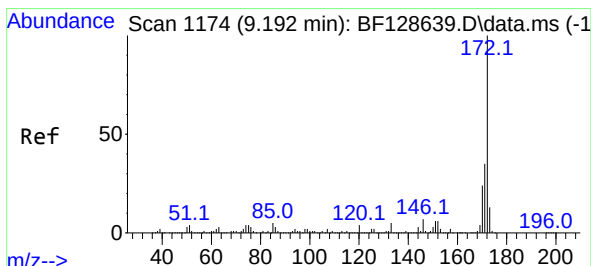
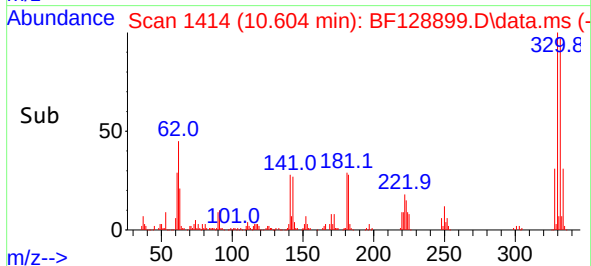
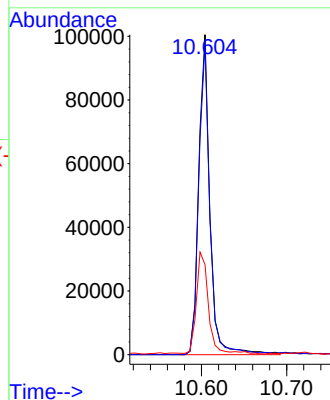
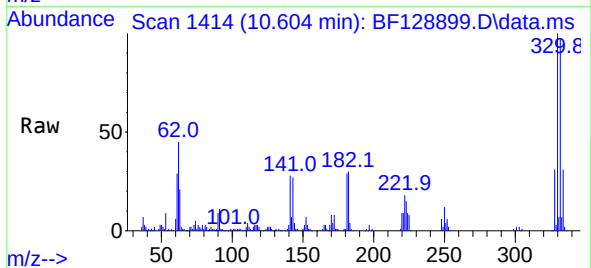
Tgt Ion:330 Resp: 91915

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 34.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.49 ng

RT: 9.134 min Scan# 1164

Delta R.T. 0.018 min

Lab File: BF128899.D

Acq: 21 Jun 2022 14:42

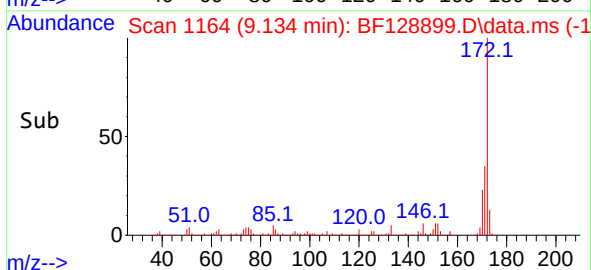
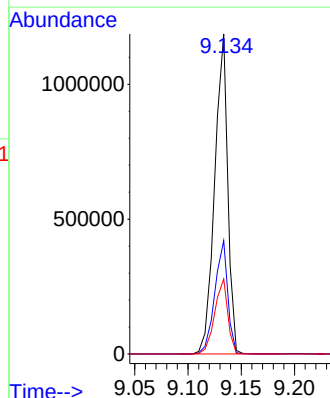
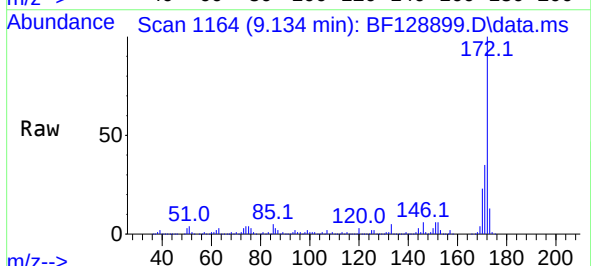
Tgt Ion:172 Resp: 1009945

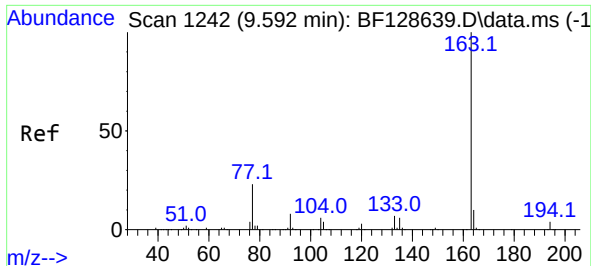
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.5 19.8 29.8

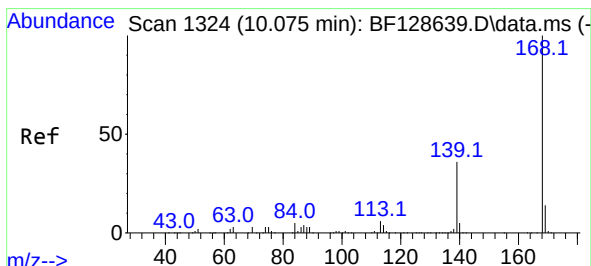
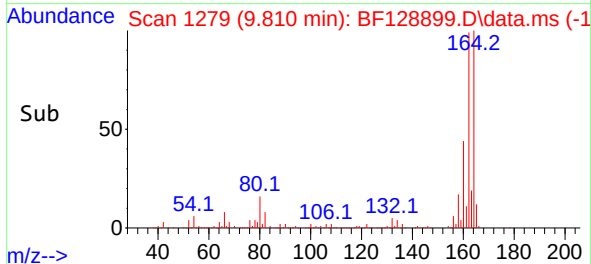
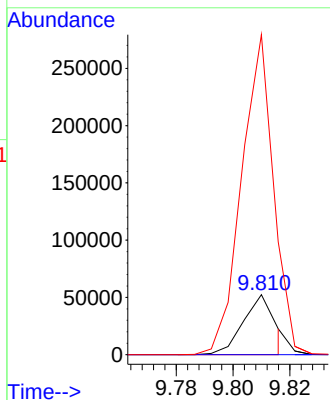
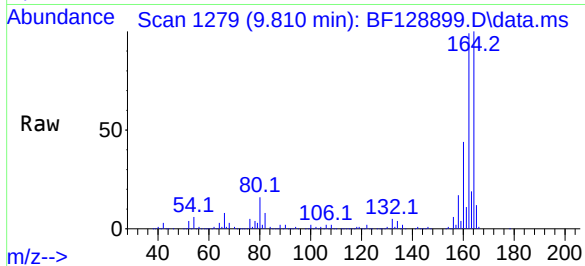




#50
Dimethylphthalate
Concen: 2.69 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.288 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

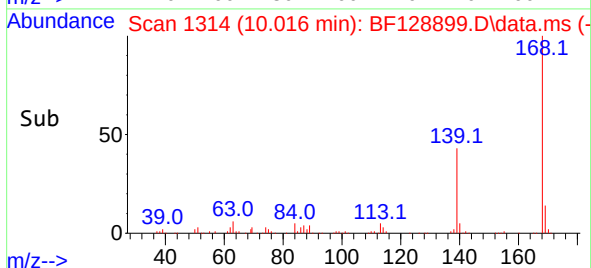
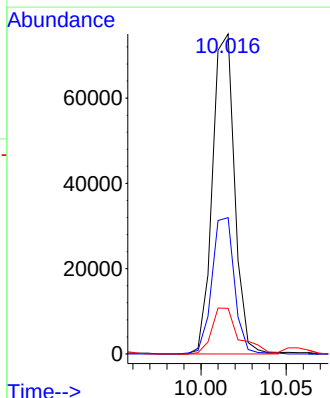
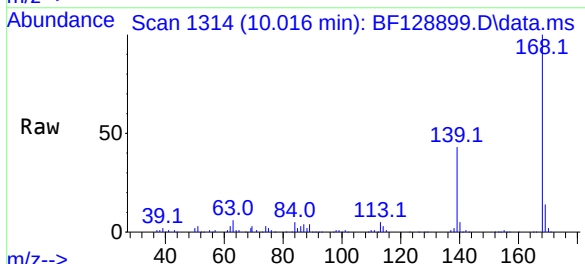
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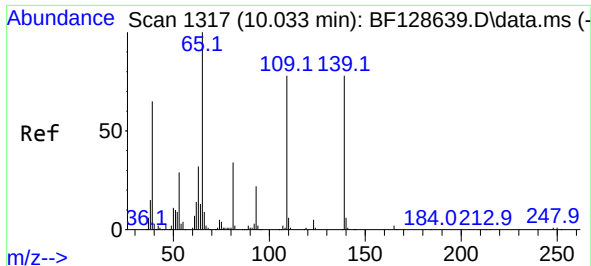
Tgt Ion:163 Resp: 40365
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 533.5 8.2 12.2#



#55
Dibenzofuran
Concen: 3.77 ng
RT: 10.016 min Scan# 1314
Delta R.T. 0.012 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

Tgt Ion:168 Resp: 67910
Ion Ratio Lower Upper
168 100
139 42.6 30.6 46.0
169 14.2 11.0 16.6

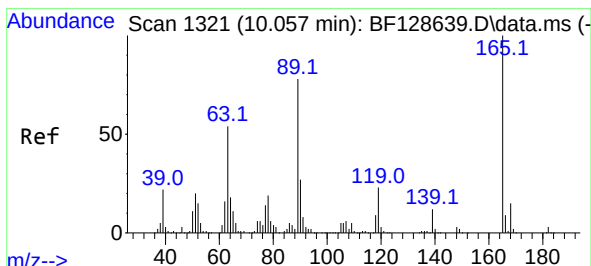
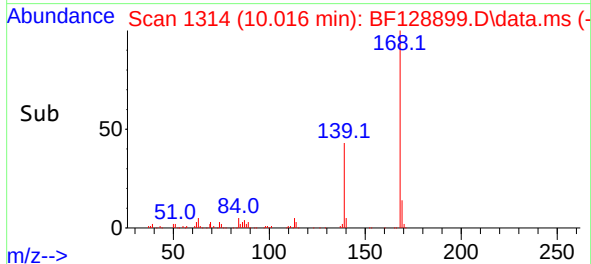
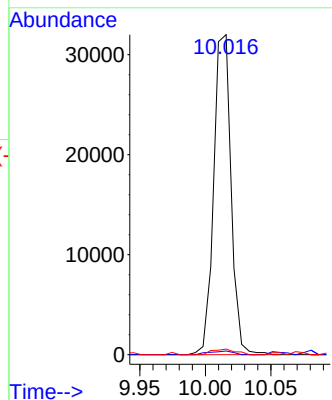
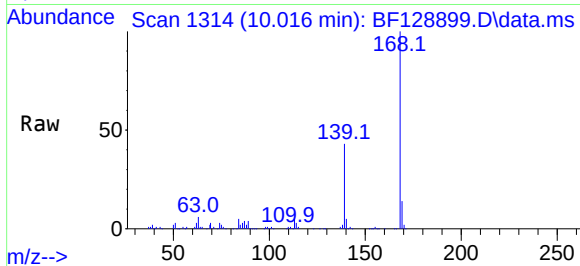




#56
4-Nitrophenol
Concen: 12.64 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

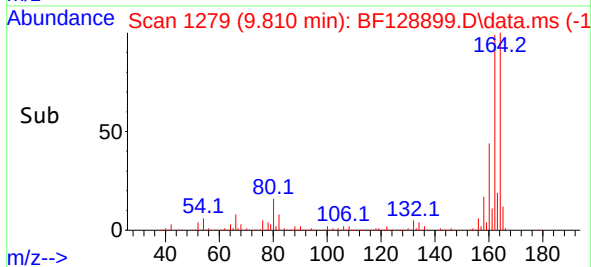
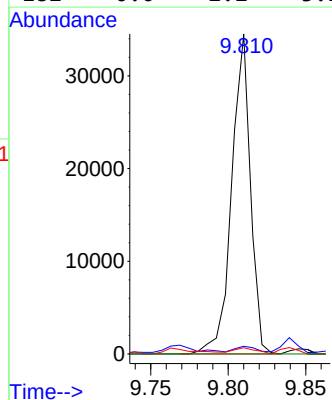
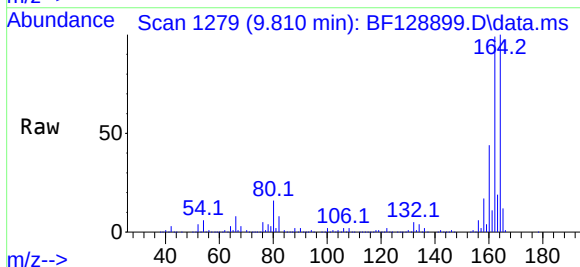
Instrument :
BNA_F
ClientSampleId :
SC-6E

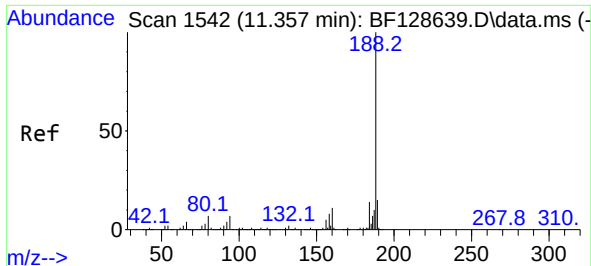
Tgt Ion:139 Resp: 29476
Ion Ratio Lower Upper
139 100
109 1.1 50.7 90.7#
65 1.8 74.5 114.5#



#57
2,4-Dinitrotoluene
Concen: 7.33 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.182 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

Tgt Ion:165 Resp: 28993
Ion Ratio Lower Upper
165 100
63 2.4 39.8 59.6#
89 1.9 60.2 90.2#
182 0.0 2.2 3.2#

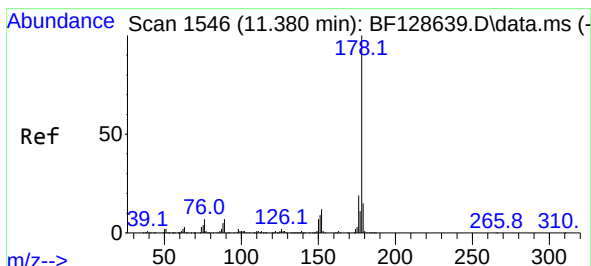
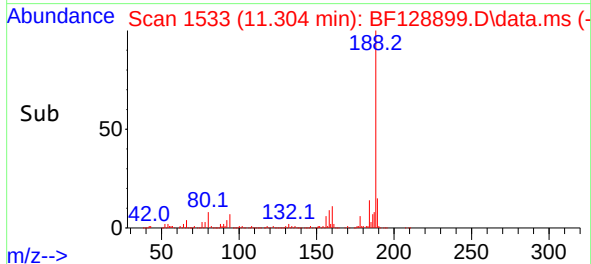
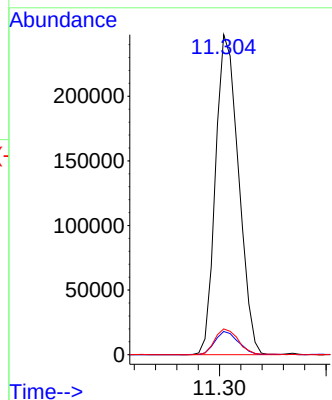
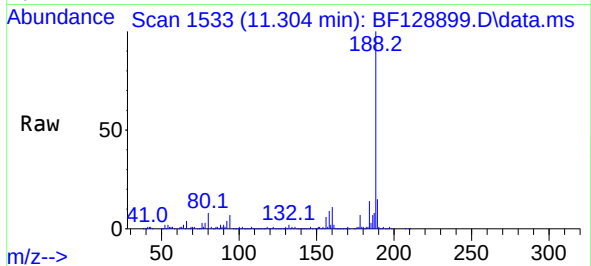




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.304 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

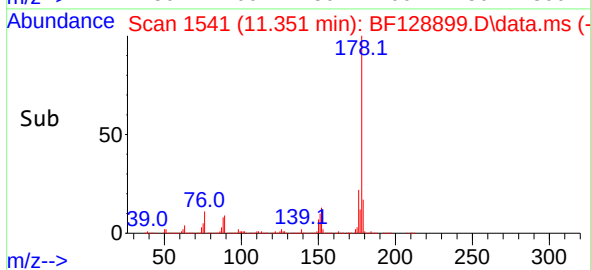
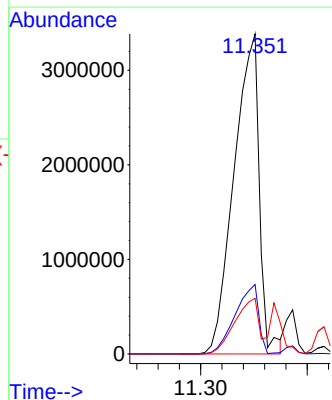
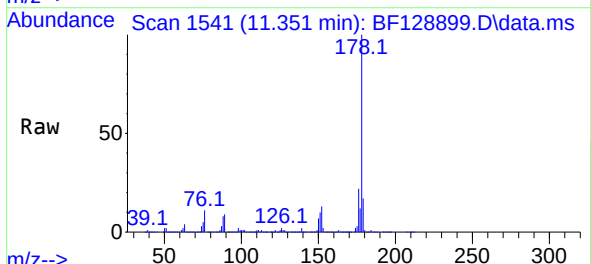
Instrument :
BNA_F
ClientSampleId :
SC-6E

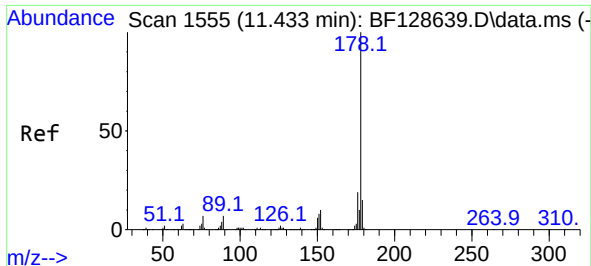
Tgt Ion:188 Resp: 371503
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.1 7.6 11.4



#71
Phenanthrene
Concen: 298.66 ng
RT: 11.351 min Scan# 1541
Delta R.T. 0.041 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

Tgt Ion:178 Resp: 5565113
Ion Ratio Lower Upper
178 100
176 21.7 16.0 24.0
179 17.4 12.6 19.0

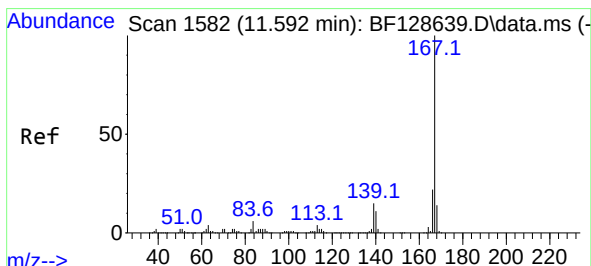
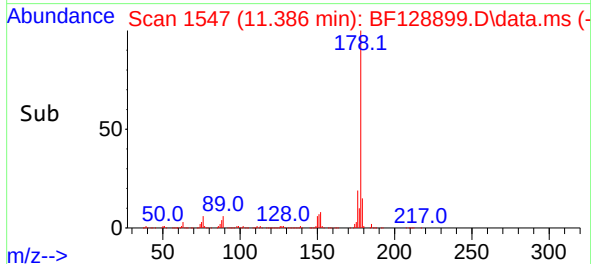
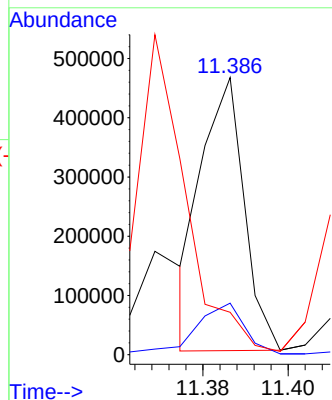
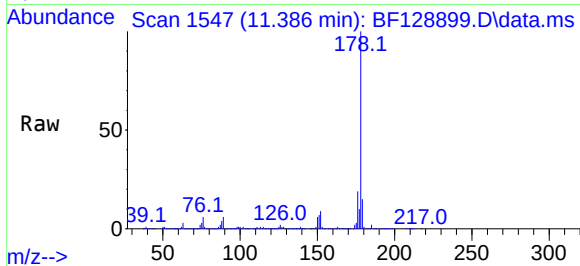




#72
 Anthracene
 Concen: 17.25 ng
 RT: 11.386 min Scan# 11573
 Delta R.T. 0.030 min
 Lab File: BF128899.D
 Acq: 21 Jun 2022 14:42

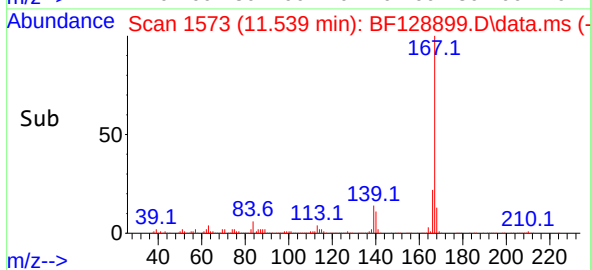
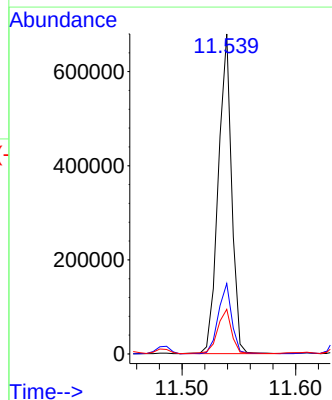
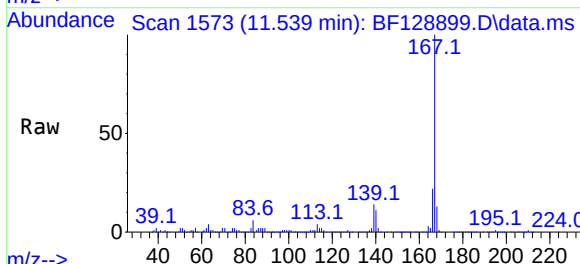
Instrument :
 BNA_F
 ClientSampleId :
 SC-6E

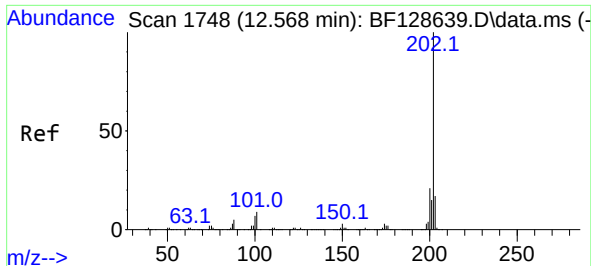
Tgt Ion:178 Resp: 318070
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.3 12.6 19.0



#73
 Carbazole
 Concen: 32.45 ng
 RT: 11.539 min Scan# 1573
 Delta R.T. 0.024 min
 Lab File: BF128899.D
 Acq: 21 Jun 2022 14:42

Tgt Ion:167 Resp: 555865
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 14.0 11.2 16.8

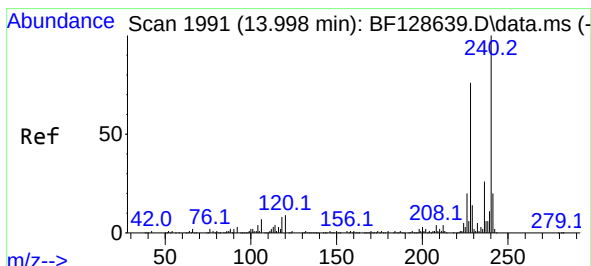
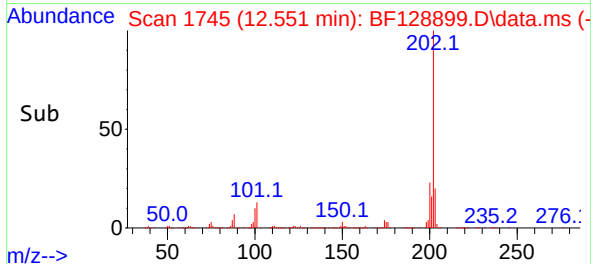
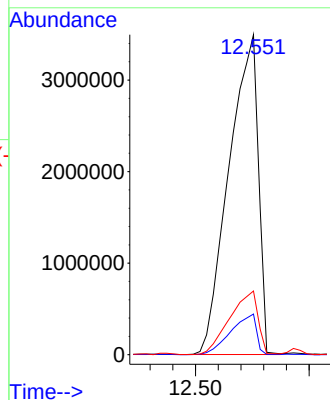
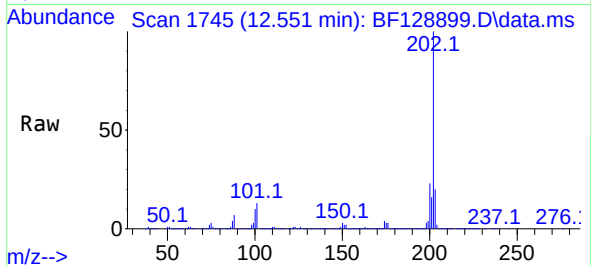




#75
Fluoranthene
Concen: 320.80 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.053 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

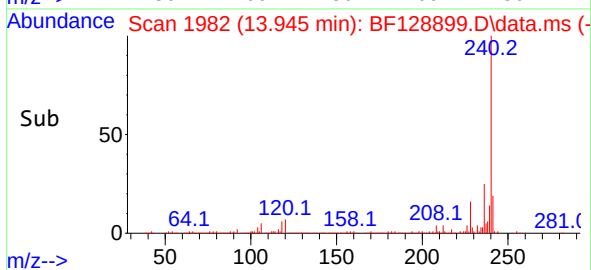
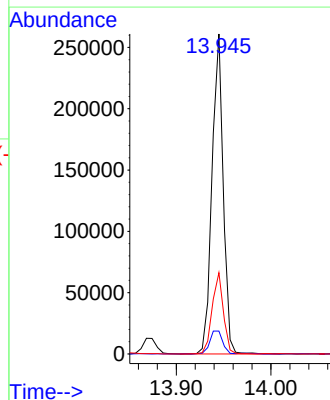
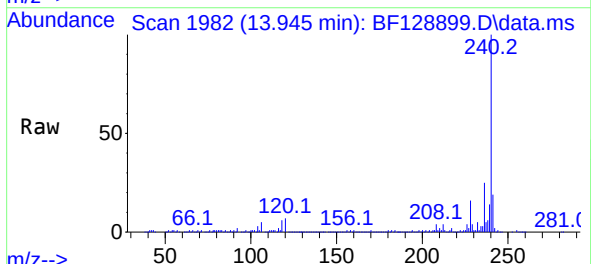
Instrument :
BNA_F
ClientSampleId :
SC-6E

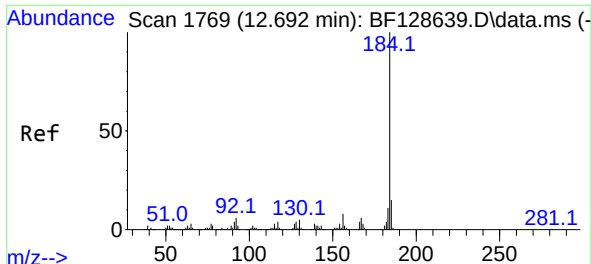
Tgt Ion:202 Resp: 6248533
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.4
203 19.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.945 min Scan# 1982
Delta R.T. 0.018 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

Tgt Ion:240 Resp: 213866
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 25.4 20.8 31.2

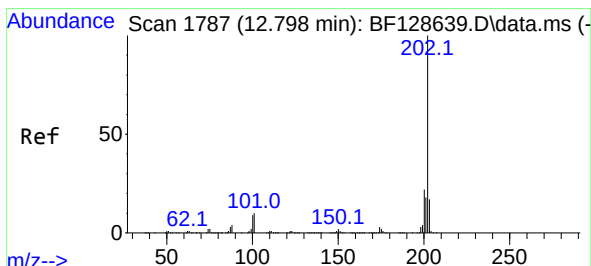
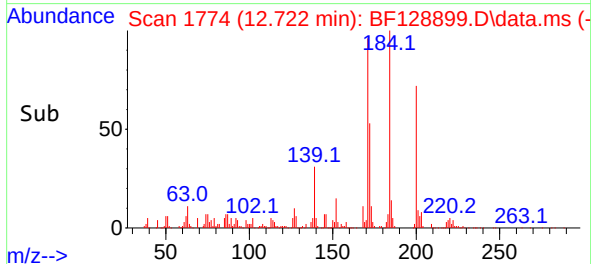
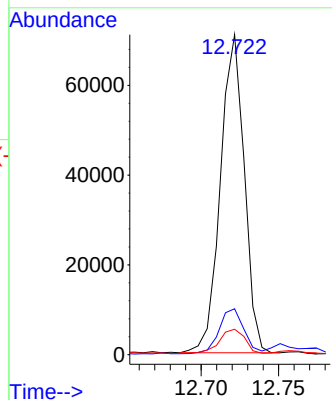
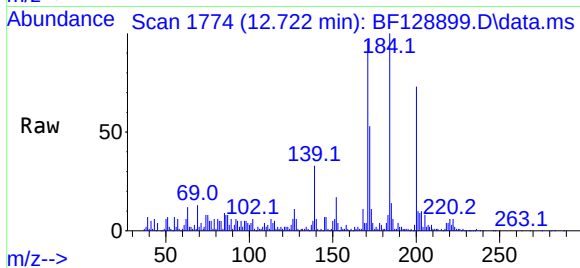




#77
Benzidine
Concen: 17.80 ng
RT: 12.722 min Scan# 1774
Delta R.T. 0.106 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

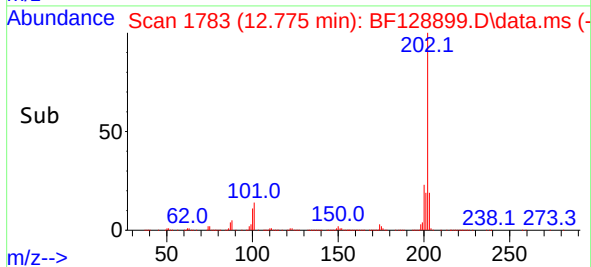
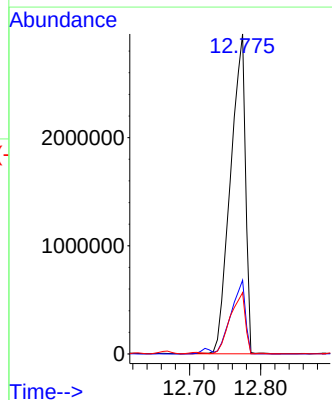
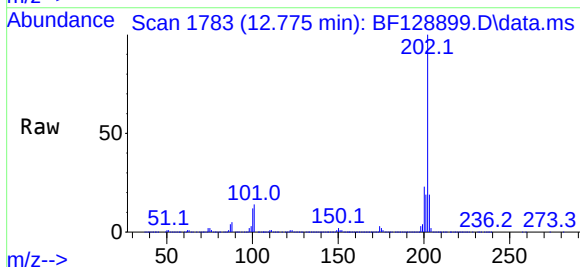
Instrument :
BNA_F
ClientSampleId :
SC-6E

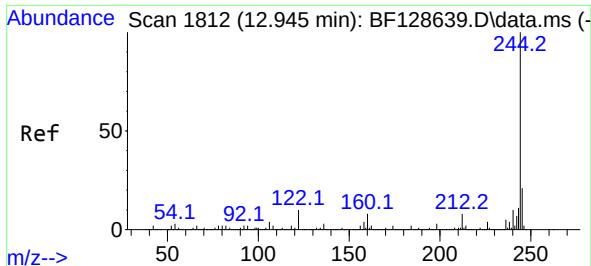
Tgt Ion:184 Resp: 75902
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 8.0 9.3 13.9#



#78
Pyrene
Concen: 270.96 ng
RT: 12.775 min Scan# 1783
Delta R.T. 0.047 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

Tgt Ion:202 Resp: 4311356
Ion Ratio Lower Upper
202 100
200 23.0 17.7 26.5
203 19.1 14.6 21.8

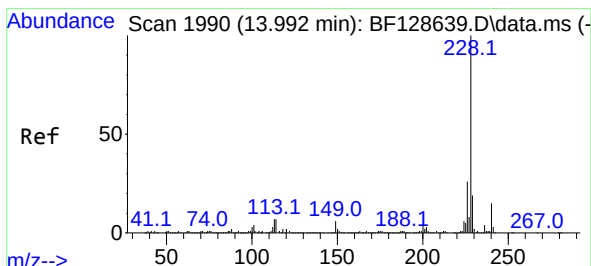
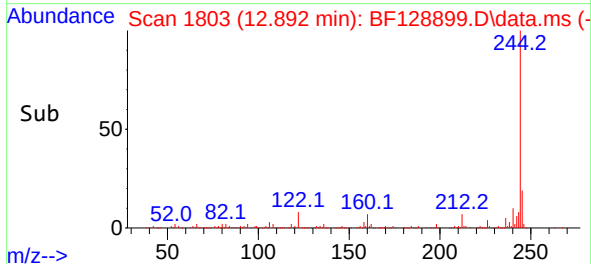
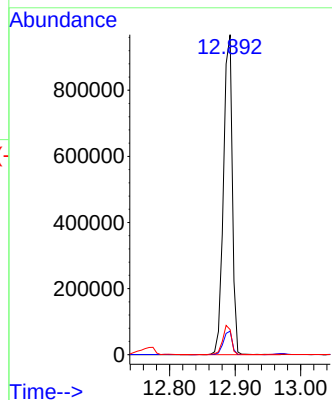
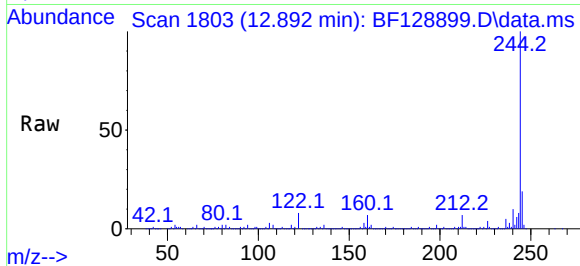




#79
 Terphenyl-d14
 Concen: 72.66 ng
 RT: 12.892 min Scan# 1803
 Delta R.T. 0.024 min
 Lab File: BF128899.D
 Acq: 21 Jun 2022 14:42

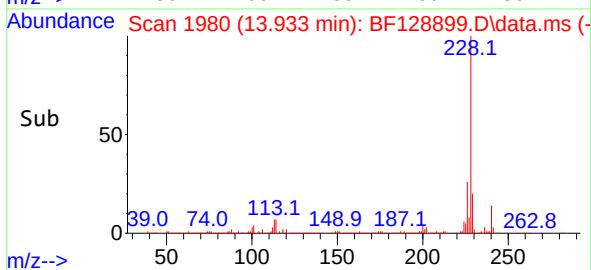
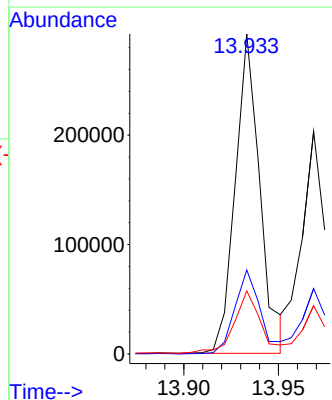
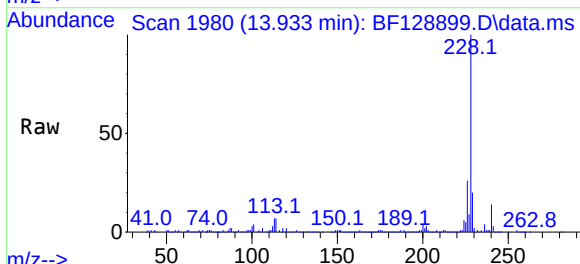
Instrument :
 BNA_F
 ClientSampleId :
 SC-6E

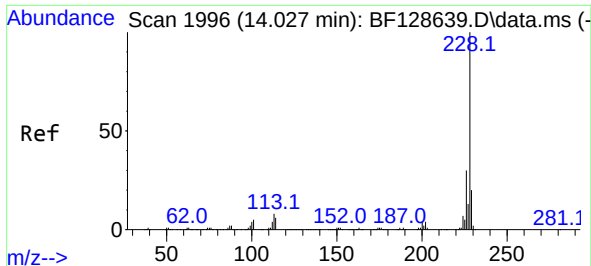
Tgt Ion:244 Resp: 894247
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 7.8 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 19.83 ng
 RT: 13.933 min Scan# 1980
 Delta R.T. 0.018 min
 Lab File: BF128899.D
 Acq: 21 Jun 2022 14:42

Tgt Ion:228 Resp: 264289
 Ion Ratio Lower Upper
 228 100
 226 26.3 22.1 33.1
 229 19.7 15.8 23.8

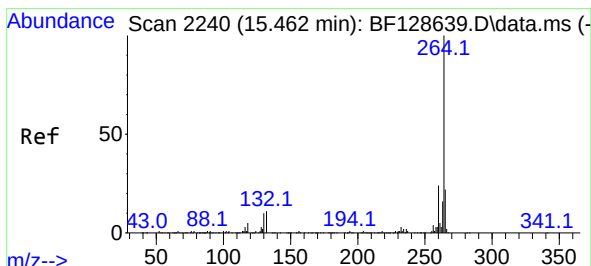
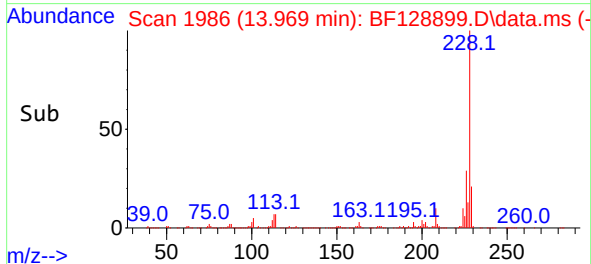
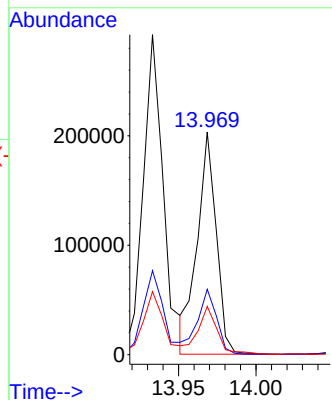
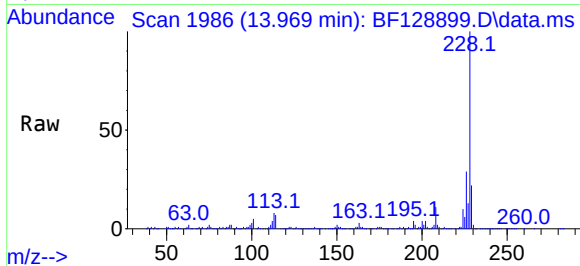




#83
Chrysene
Concen: 13.63 ng
RT: 13.969 min Scan# 1996
Delta R.T. 0.018 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

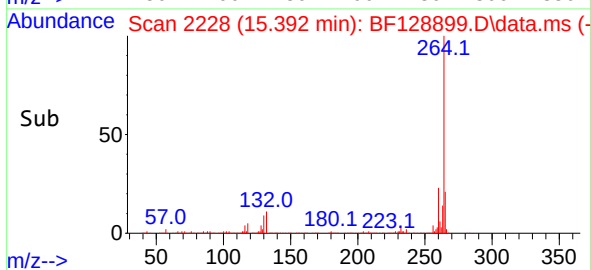
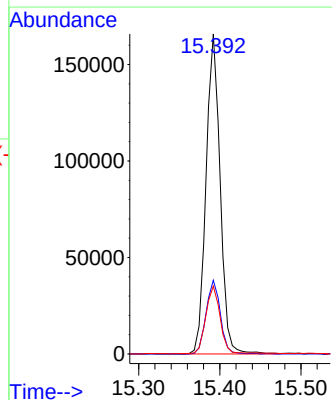
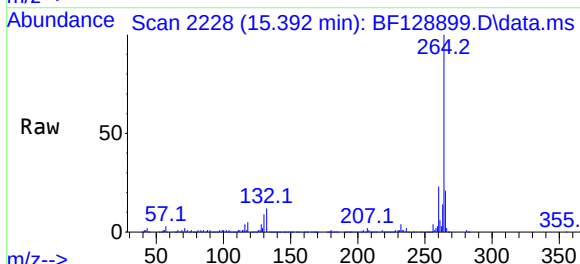
Instrument :
BNA_F
ClientSampleId :
SC-6E

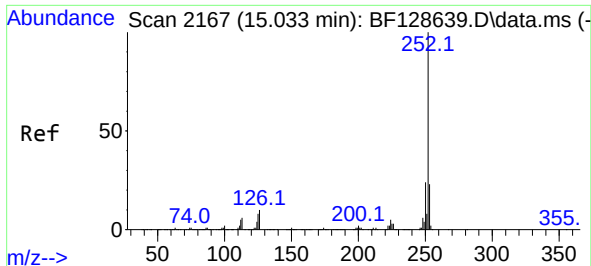
Tgt Ion:228 Resp: 173211
Ion Ratio Lower Upper
228 100
226 29.4 24.3 36.5
229 21.7 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.392 min Scan# 2228
Delta R.T. 0.030 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

Tgt Ion:264 Resp: 199653
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 21.2 17.2 25.8

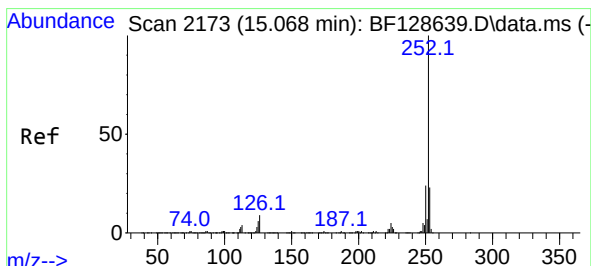
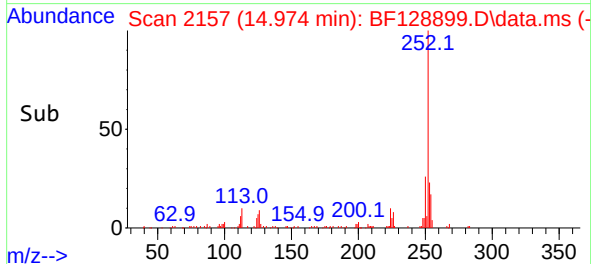
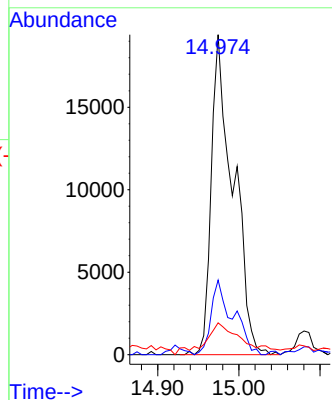
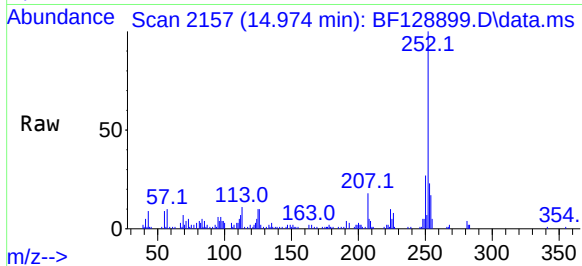




#88
Benzo(b)fluoranthene
Concen: 2.85 ng
RT: 14.974 min Scan# 2157
Delta R.T. 0.024 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

Instrument :
BNA_F
ClientSampleId :
SC-6E

Tgt Ion:252 Resp: 36350
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 10.0 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 3.03 ng
RT: 14.974 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BF128899.D
Acq: 21 Jun 2022 14:42

Tgt Ion:252 Resp: 36350
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 10.0 8.3 12.5

