

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128869.D
 Acq On : 20 Jun 2022 10:39
 Operator : CG\JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jun 21 01:11:24 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 21 00:40:09 2022
 Response via : Initial Calibration

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

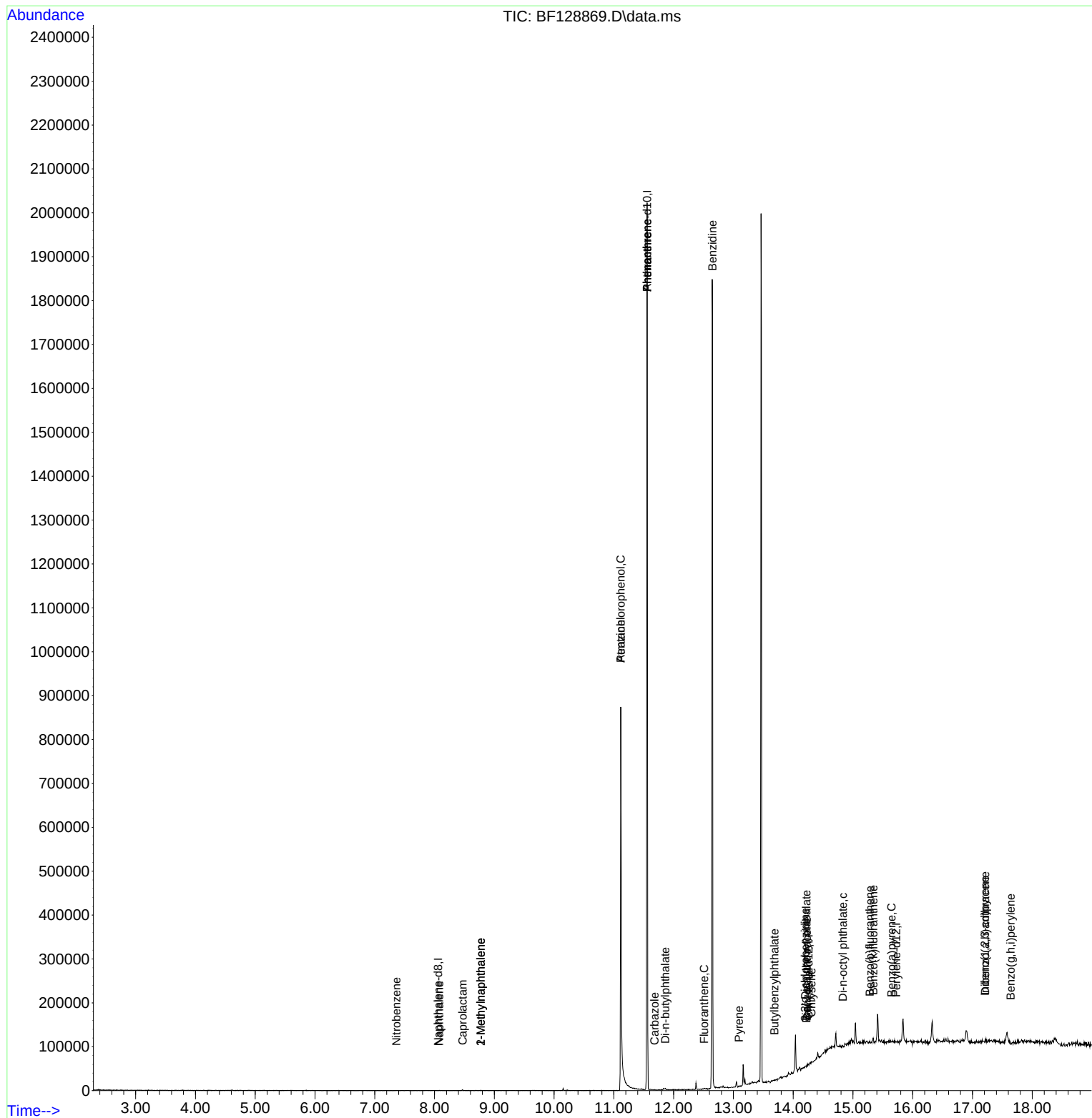
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.00	ng	-6.78
21) Naphthalene-d8	8.057	136	60	20.00	ng	# 0.00
39) Acenaphthene-d10	0.000	164	0	0.00	ng	-9.82
64) Phenanthrene-d10	11.557	188	569	20.00	ng	# 0.25
76) Chrysene-d12	14.257	240	74	20.00	ng	# 0.31
86) Perylene-d12	15.727	264	272	20.00	ng	# 0.33
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ng	
7) Phenol-d6	0.000	99	0	0.00	ng	
23) Nitrobenzene-d5	0.000	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.133	172	104	0.00	ng	0.00
79) Terphenyl-d14	0.000	244	0	0.00	ng	
Target Compounds						Qvalue
24) Nitrobenzene	7.363	77	68	57.48	ng	# 40
31) Naphthalene	8.081	128	335	108.79	ng	# 68
35) Caprolactam	8.469	113	54	212.48	ng	# 76
37) 2-Methylnaphthalene	8.775	142	74	37.78	ng	88
38) 1-Methylnaphthalene	8.775	142	74	39.11	ng	84
69) Atrazine	11.116	200	21899	3893.75	ng	# 36
70) Pentachlorophenol	11.116	266	117601	33431.32	ng	98
71) Phenanthrene	11.557	178	444	15.56	ng	# 1
72) Anthracene	11.557	178	444	15.72	ng	# 1
73) Carbazole	11.680	167	487	18.56	ng	# 58
74) Di-n-butylphthalate	11.863	149	802	25.11	ng	# 78
75) Fluoranthene	12.510	202	453	15.18	ng	64
77) Benzidine	12.651	184	720722	488575.18	ng	98
78) Pyrene	13.092	202	65	11.81	ng	# 56
80) Butylbenzylphthalate	13.686	149	655	283.30	ng	# 67
81) Benzo(a)anthracene	14.227	228	131	28.40	ng	# 51
82) 3,3'-Dichlorobenzidine	14.204	252	68	68.91	ng	# 26
83) Chrysene	14.304	228	192	43.66	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.221	149	92	30.61	ng	# 45
85) Di-n-octyl phthalate	14.833	149	199	43.96	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.209	276	129	7.87	ng	# 1
88) Benzo(b)fluoranthene	15.280	252	1030	59.26	ng	# 1
89) Benzo(k)fluoranthene	15.345	252	4139	253.15	ng	# 68
90) Benzo(a)pyrene	15.645	252	548	40.12	ng	# 1
91) Dibenzo(a,h)anthracene	17.215	278	110	8.09	ng	# 1
92) Benzo(g,h,i)perylene	17.639	276	166	12.32	ng	# 1

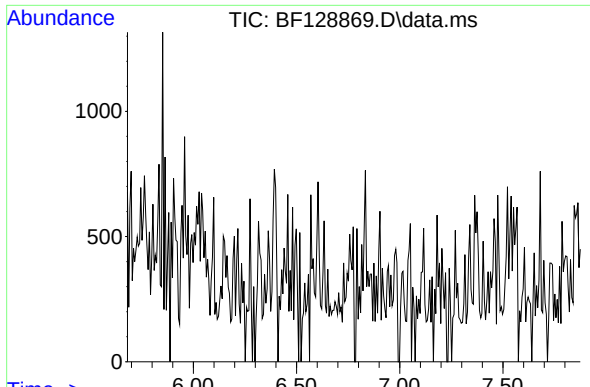
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
Data File : BF128869.D
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Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

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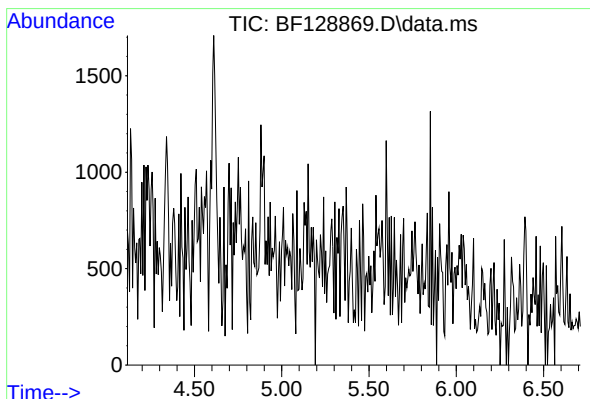
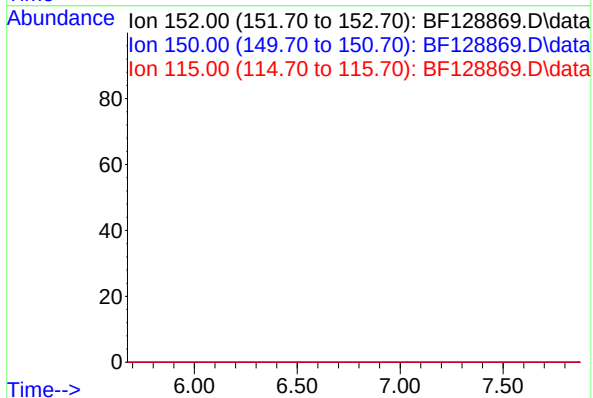




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.78 min
 Lab File: BF128869.D
 Acq: 20 Jun 2022 10:39

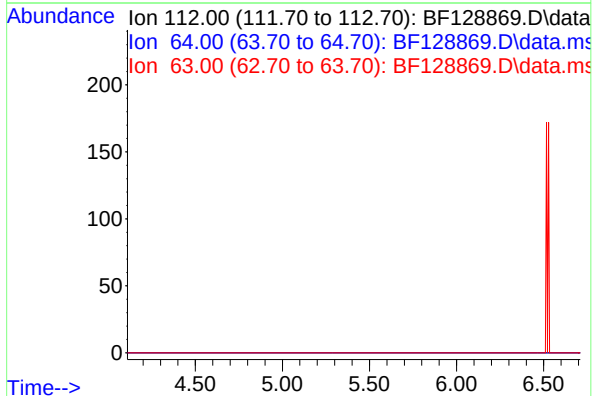
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

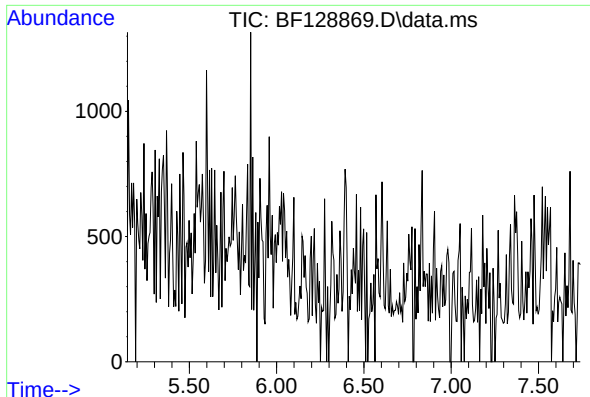
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 154.6
 115 62.4



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.41 min
 Lab File: BF128869.D
 Acq: 20 Jun 2022 10:39

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 66.6
 63 35.0



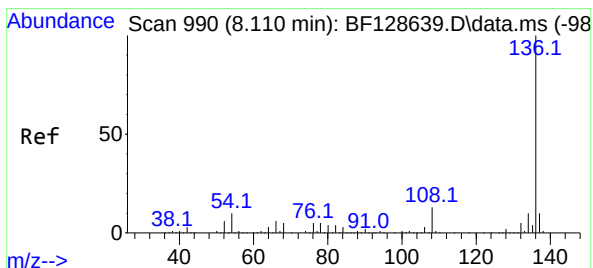
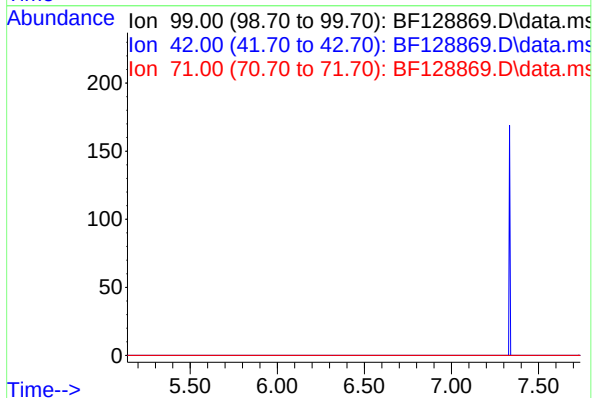


#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.44 min

Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

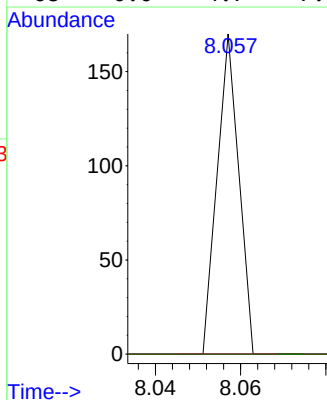
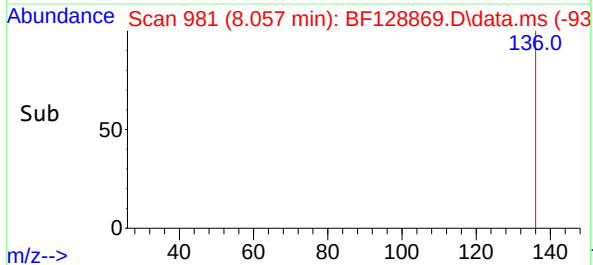
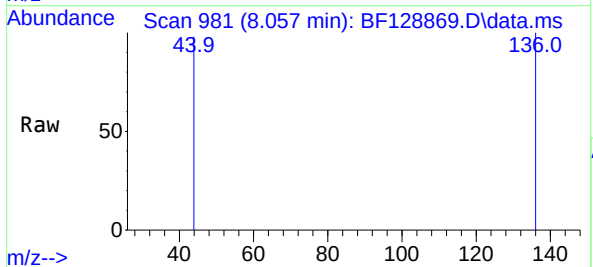
Instrument :
BNA_F
ClientSampleId :
DFTPP

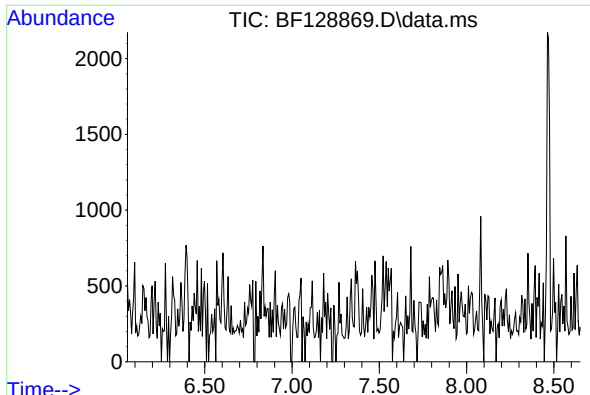
Tgt Ion: 99
Sig Exp Ratio
99 100
42 21.6
71 36.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:136 Resp: 60
Ion Ratio Lower Upper
136 100
137 0.0 8.8 13.2#
54 0.0 7.5 11.3#
68 0.0 4.7 7.1#

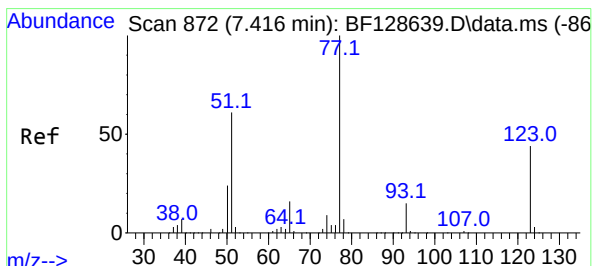
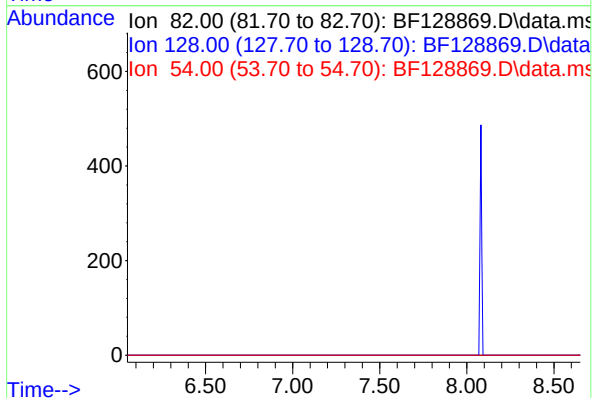




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.35 min
 Lab File: BF128869.D
 Acq: 20 Jun 2022 10:39

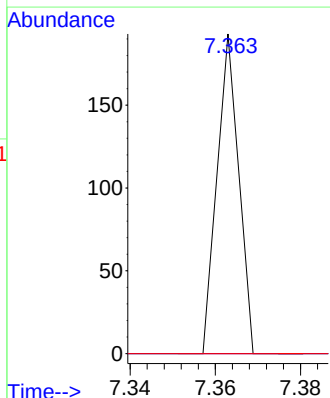
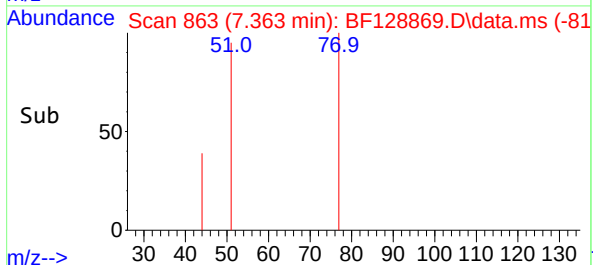
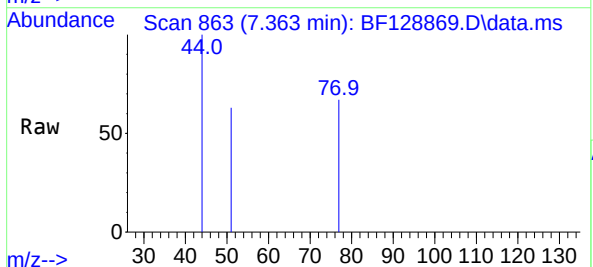
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

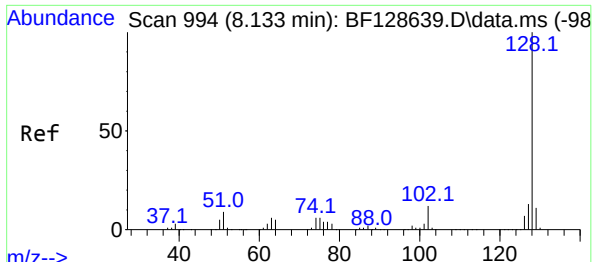
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 42.5
 54 58.6



#24
 Nitrobenzene
 Concen: 57.48 ng
 RT: 7.363 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: BF128869.D
 Acq: 20 Jun 2022 10:39

Tgt Ion: 77 Resp: 68
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.4 53.2#
 65 0.0 11.8 17.8#

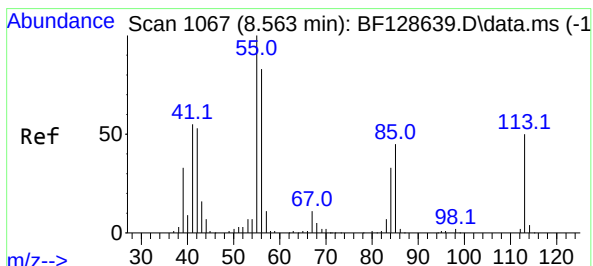
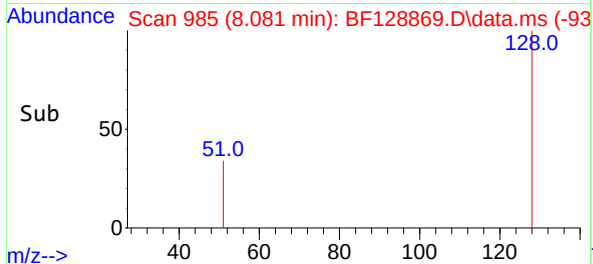
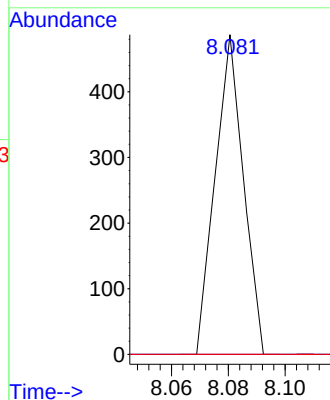
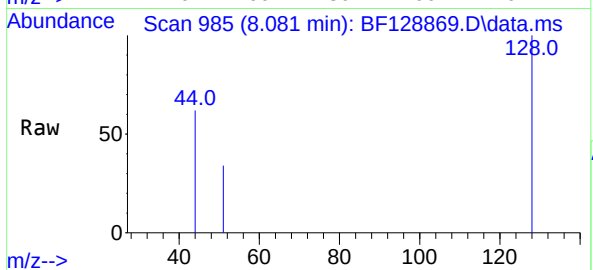




#31
Naphthalene
Concen: 108.79 ng
RT: 8.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

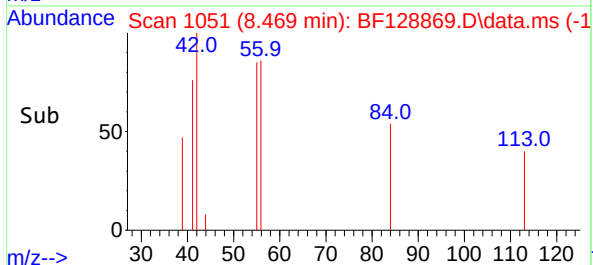
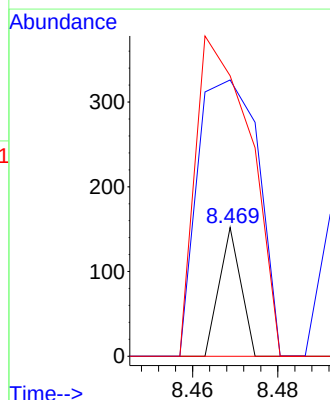
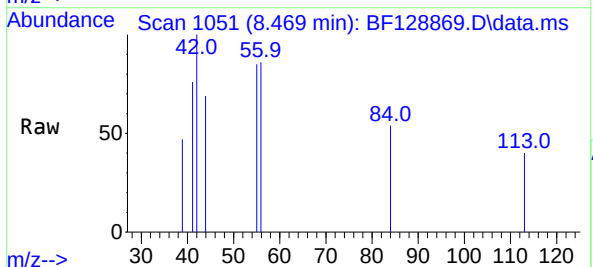
Instrument :
BNA_F
ClientSampleId :
DFTPP

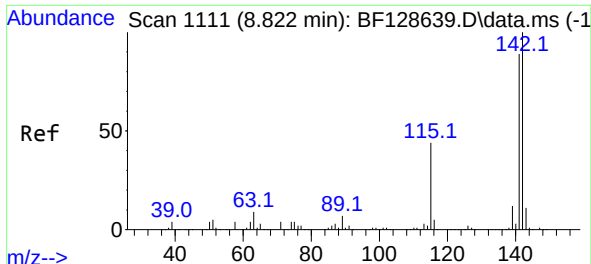
Tgt Ion:128 Resp: 335
Ion Ratio Lower Upper
128 100
129 0.0 9.2 13.8#
127 0.0 10.5 15.7#



#35
Caprolactam
Concen: 212.48 ng
RT: 8.469 min Scan# 1051
Delta R.T. -0.047 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:113 Resp: 54
Ion Ratio Lower Upper
113 100
55 214.5 188.5 228.5
56 217.8 130.6 170.6#

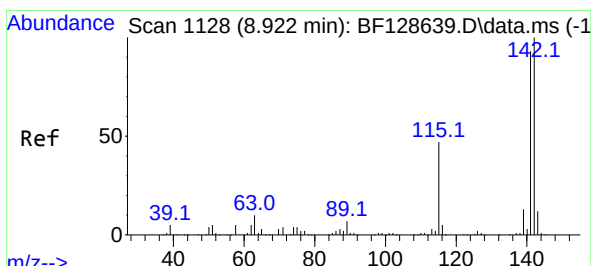
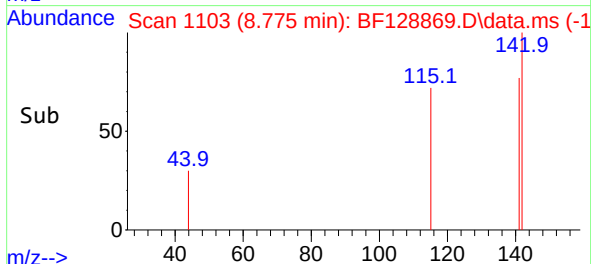
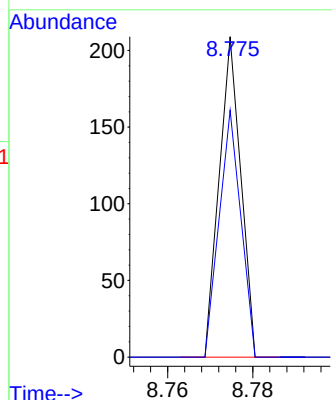
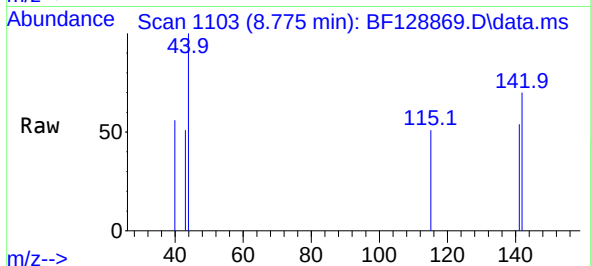




#37
2-Methylnaphthalene
Concen: 37.78 ng
RT: 8.775 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

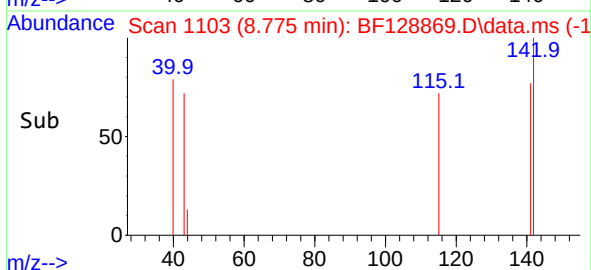
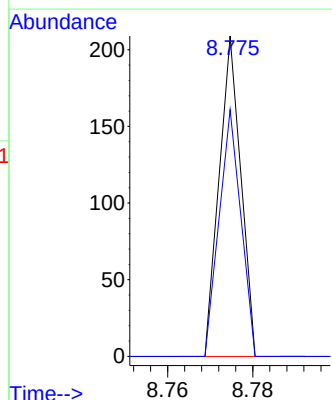
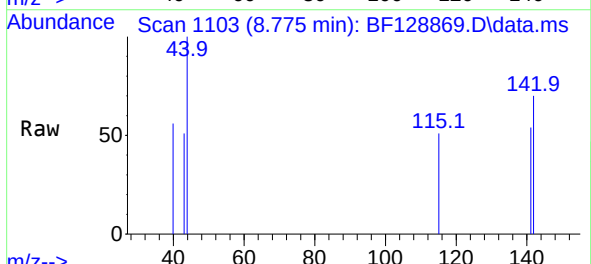
Instrument :
BNA_F
ClientSampleId :
DFTPP

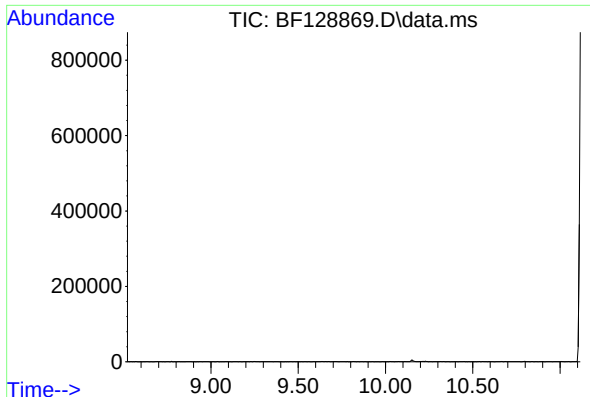
Tgt Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
141 77.0 71.0 106.4



#38
1-Methylnaphthalene
Concen: 39.11 ng
RT: 8.775 min Scan# 1103
Delta R.T. -0.100 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
141 77.0 74.2 111.4



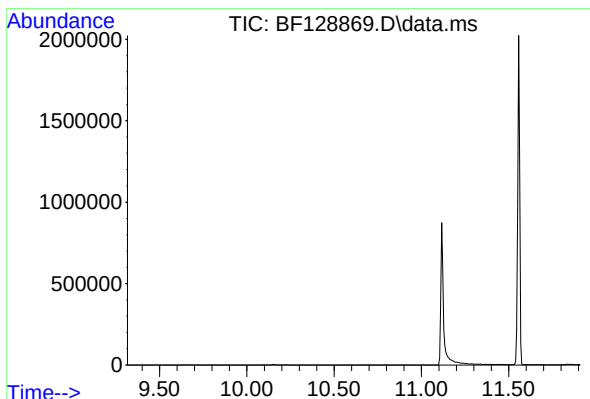
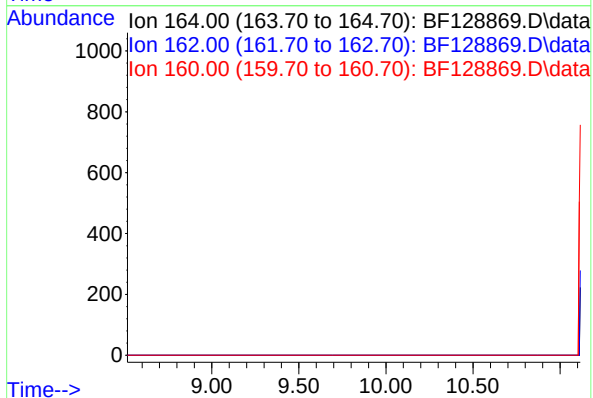


#39
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 9.82 min
 Lab File: BF128869.D
 Acq: 20 Jun 2022 10:39

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 164

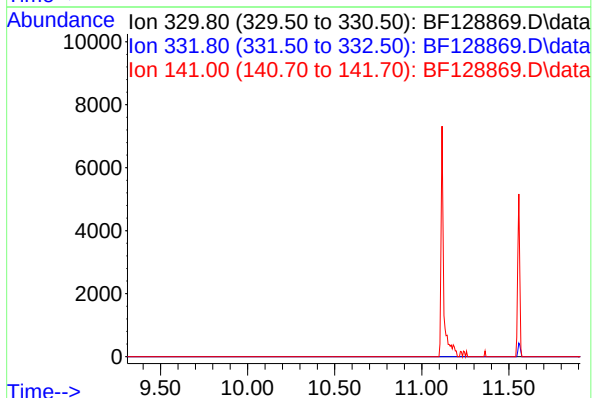
Sig	Exp Ratio
164	100
162	99.4
160	42.8

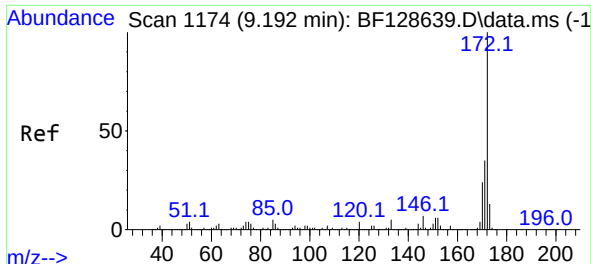


#42
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.61 min
 Lab File: BF128869.D
 Acq: 20 Jun 2022 10:39

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.0
141	35.0

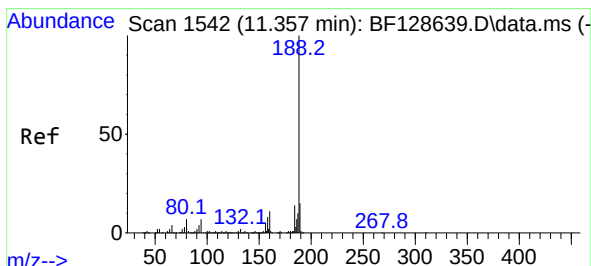
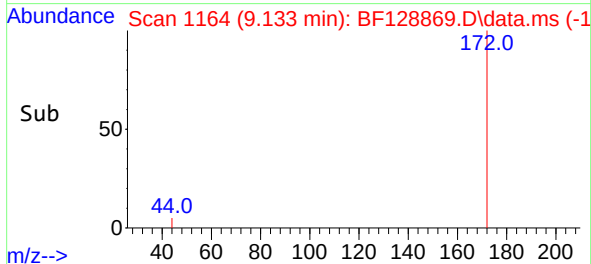
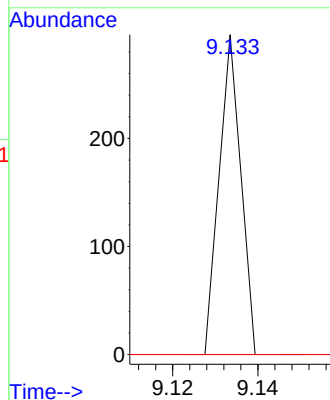
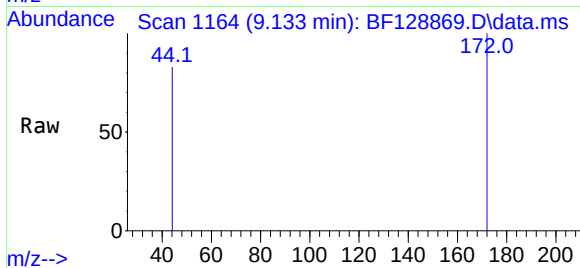




#45
2-Fluorobiphenyl
Concen: 0.00 ng
RT: 9.133 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

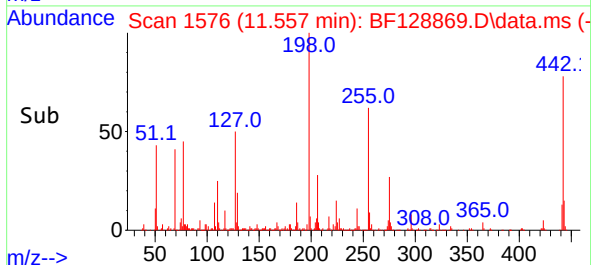
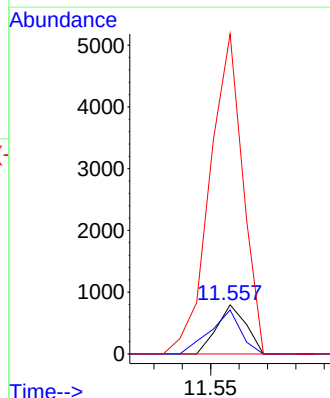
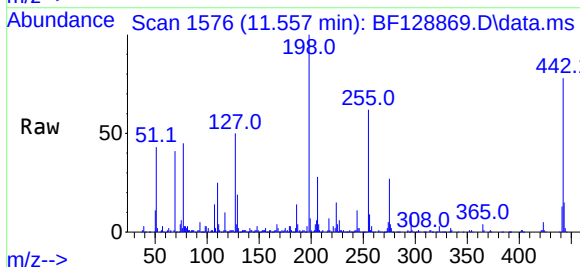
Instrument :
BNA_F
ClientSampleId :
DFTTP

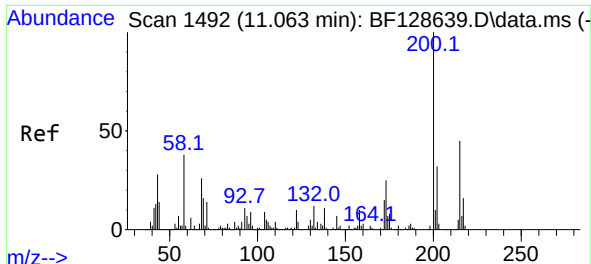
Tgt Ion:172 Resp: 104
Ion Ratio Lower Upper
172 100
171 0.0 28.8 43.2#
170 0.0 19.8 29.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.557 min Scan# 1576
Delta R.T. 0.253 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:188 Resp: 569
Ion Ratio Lower Upper
188 100
94 89.4 7.0 10.6#
80 651.0 7.6 11.4#

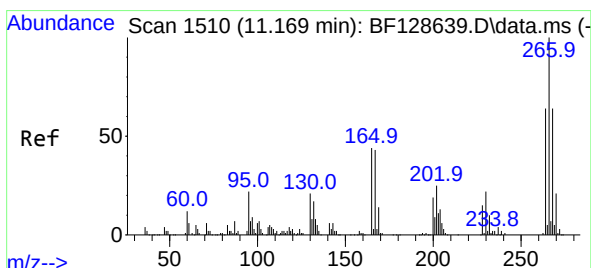
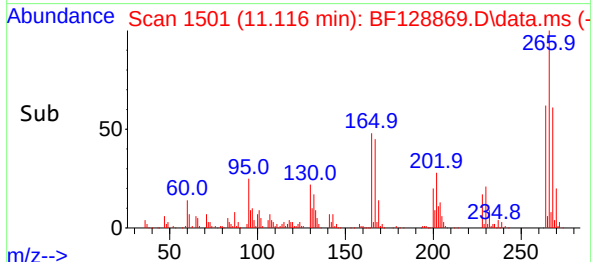
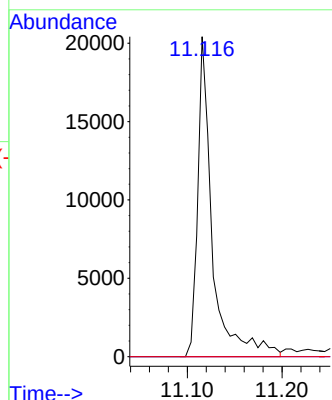
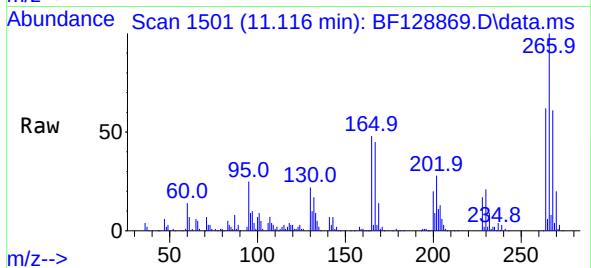




#69
Atrazine
Concen: 3893.75 ng
RT: 11.116 min Scan# 1501
Delta R.T. 0.106 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

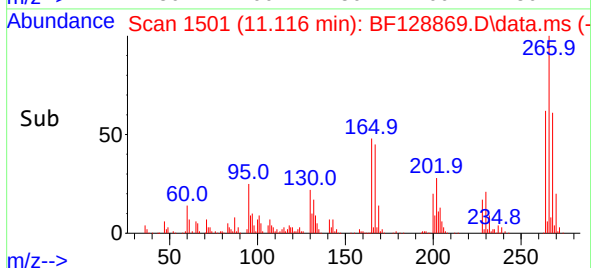
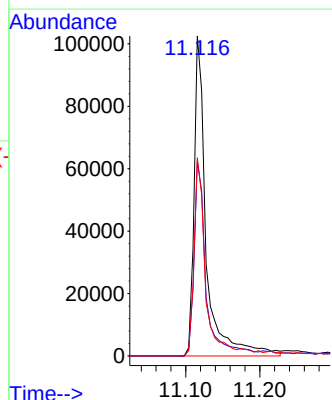
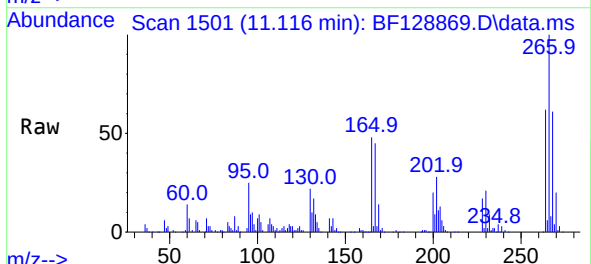
Instrument :
BNA_F
ClientSampleId :
DFTPP

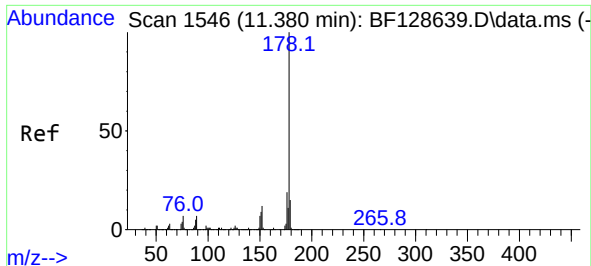
Tgt Ion:200 Resp: 21899
Ion Ratio Lower Upper
200 100
173 0.0 6.3 46.3#
215 0.0 28.3 68.3#



#70
Pentachlorophenol
Concen: 33431.32 ng
RT: 11.116 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:266 Resp: 117601
Ion Ratio Lower Upper
266 100
268 60.8 51.0 76.4
264 62.0 49.4 74.2

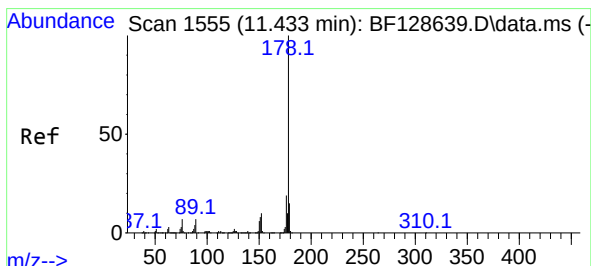
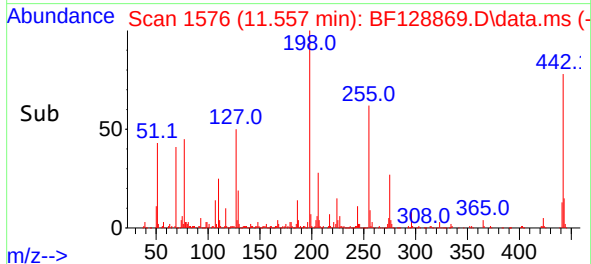
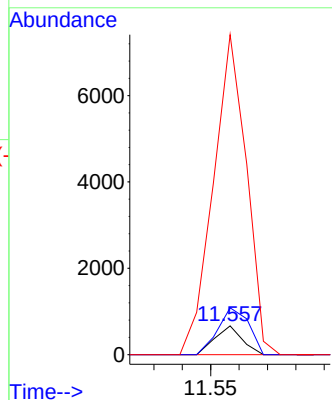
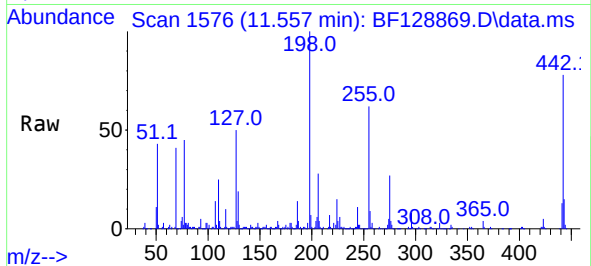




#71
Phenanthrene
Concen: 15.56 ng
RT: 11.557 min Scan# 1576
Delta R.T. 0.223 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

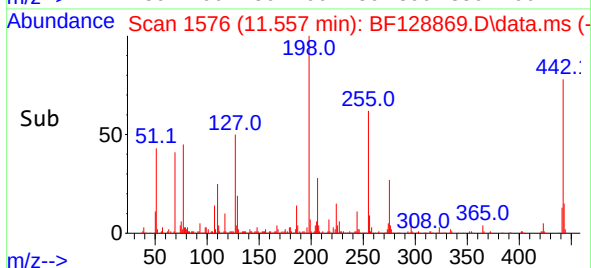
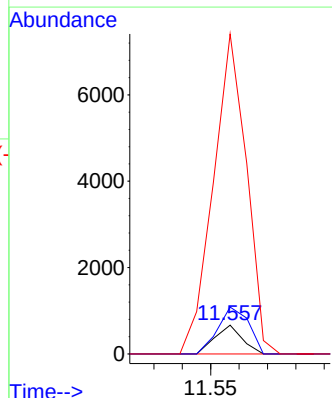
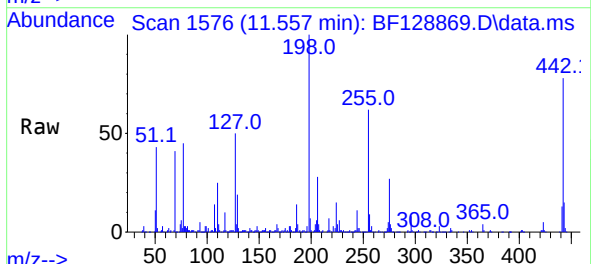
Instrument :
BNA_F
ClientSampleId :
DFTPP

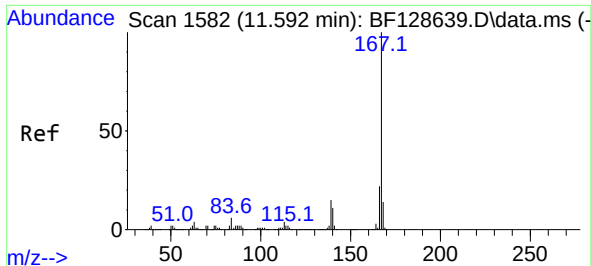
Tgt Ion:178 Resp: 444
Ion Ratio Lower Upper
178 100
176 162.7 16.0 24.0#
179 1110.9 12.6 19.0#



#72
Anthracene
Concen: 15.72 ng
RT: 11.557 min Scan# 1576
Delta R.T. 0.176 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:178 Resp: 444
Ion Ratio Lower Upper
178 100
176 162.7 15.4 23.2#
179 1110.9 12.6 19.0#

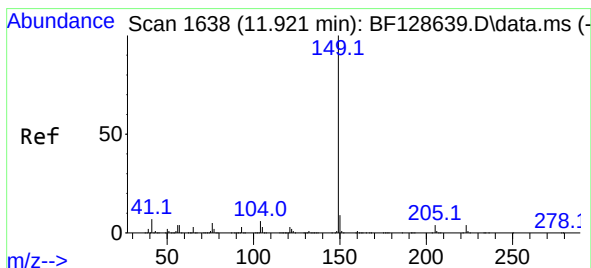
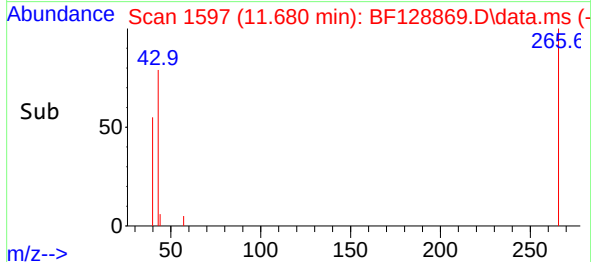
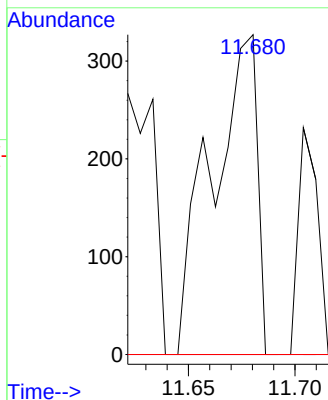
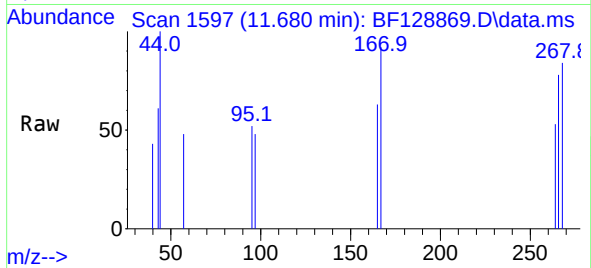




#73
Carbazole
Concen: 18.56 ng
RT: 11.680 min Scan# 11
Delta R.T. 0.141 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

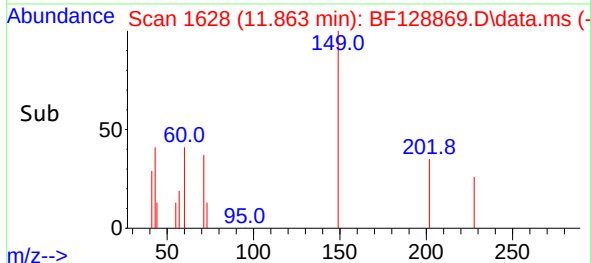
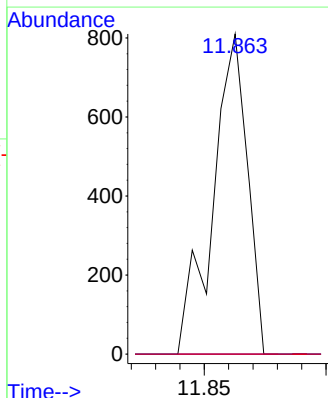
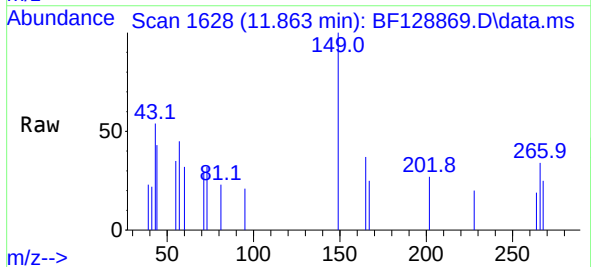
Instrument :
BNA_F
ClientSampleId :
DFTPP

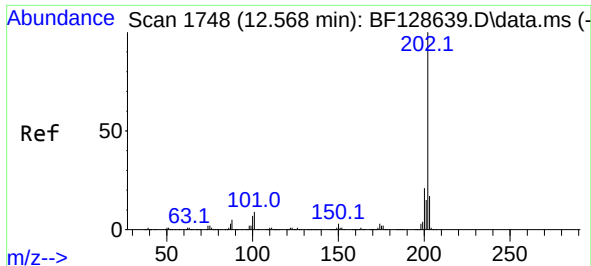
Tgt Ion:167 Resp: 487
Ion Ratio Lower Upper
167 100
166 0.0 17.7 26.5#
139 0.0 11.2 16.8#



#74
Di-n-butylphthalate
Concen: 25.11 ng
RT: 11.863 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:149 Resp: 802
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 4.4 6.6#

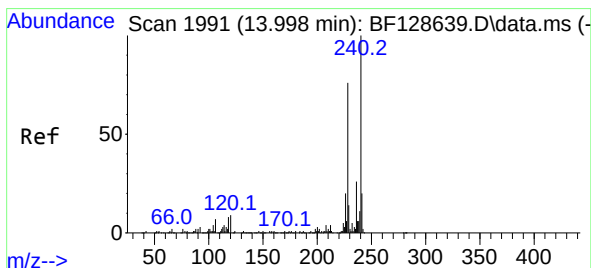
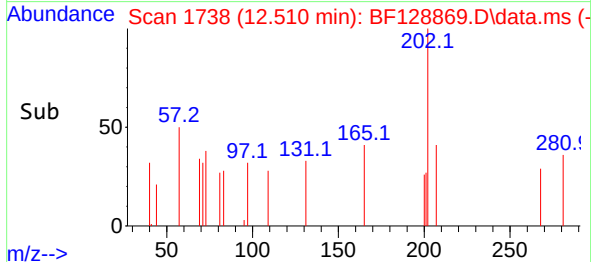
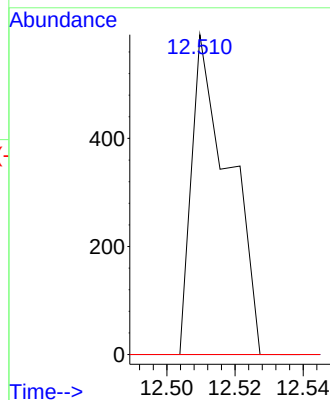
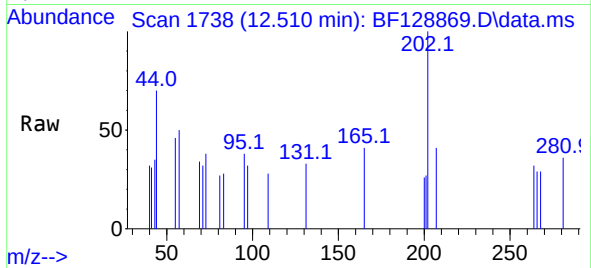




#75
Fluoranthene
Concen: 15.18 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

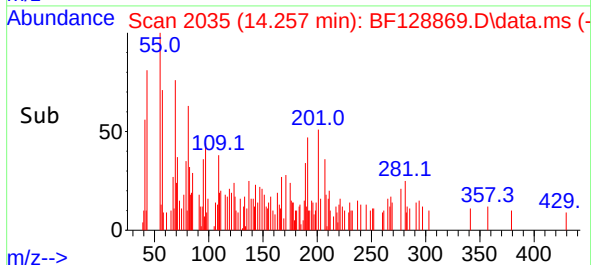
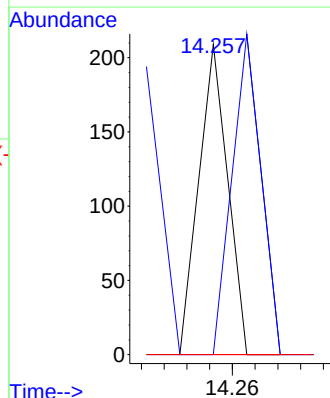
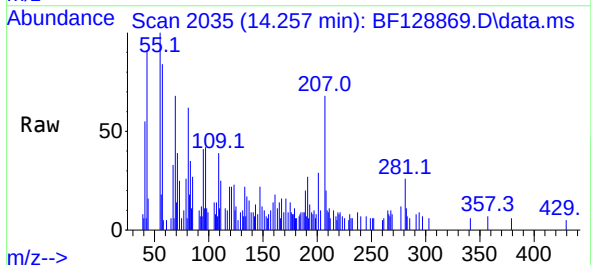
Instrument :
BNA_F
ClientSampleId :
DFTPP

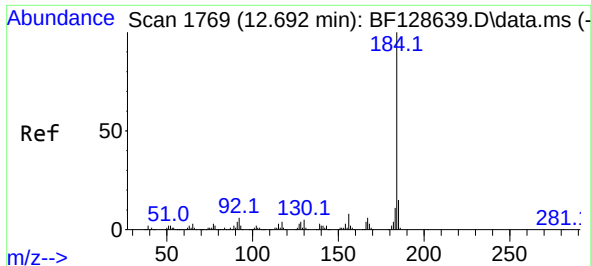
Tgt Ion:202 Resp: 453
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.4
203 0.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.257 min Scan# 2035
Delta R.T. 0.306 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:240 Resp: 74
Ion Ratio Lower Upper
240 100
120 0.0 8.9 13.3#
236 0.0 20.8 31.2#

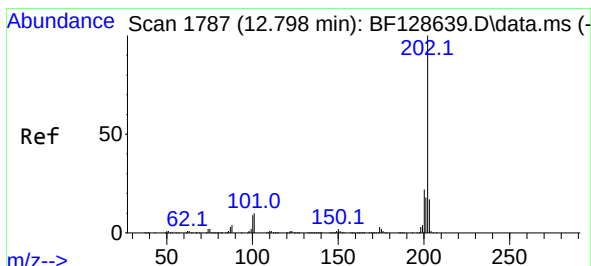
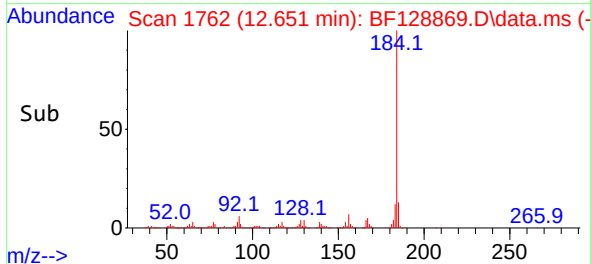
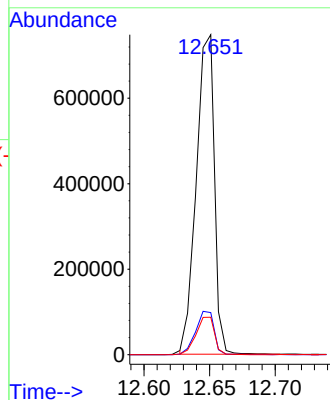
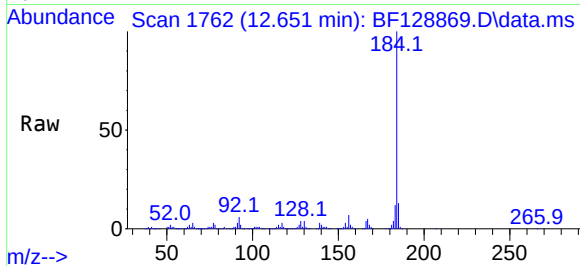




#77
Benzidine
Concen: 488575.18 ng
RT: 12.651 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

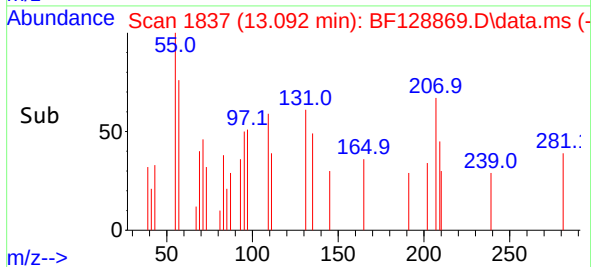
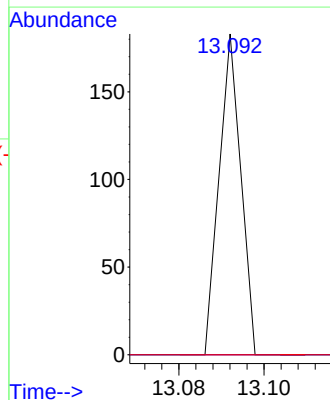
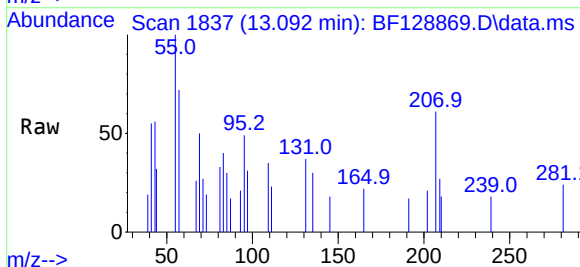
Instrument :
BNA_F
ClientSampleId :
DFTPP

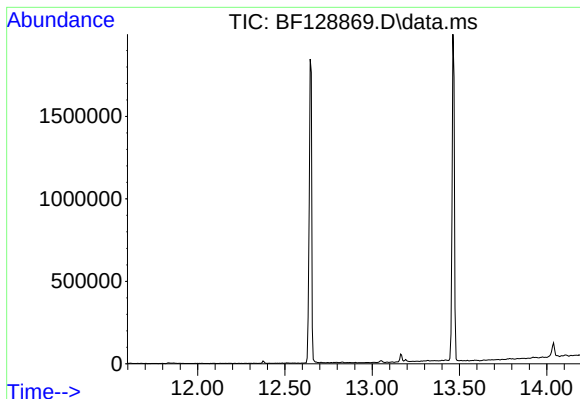
Tgt Ion:184 Resp: 720722
Ion Ratio Lower Upper
184 100
185 13.2 11.9 17.9
183 11.7 9.3 13.9



#78
Pyrene
Concen: 11.81 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.341 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:202 Resp: 65
Ion Ratio Lower Upper
202 100
200 0.0 17.7 26.5#
203 0.0 14.6 21.8#

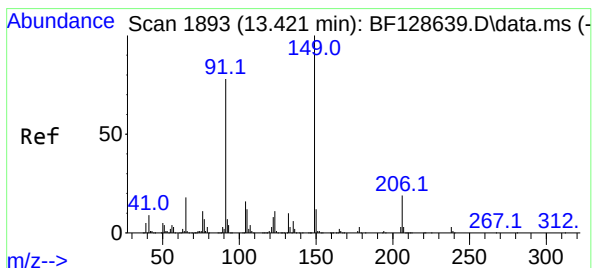
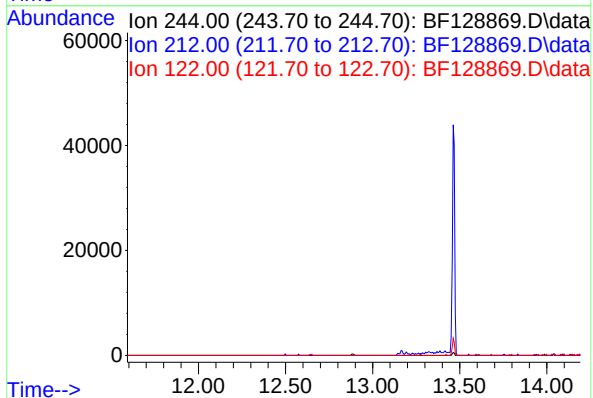




#79
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 12.89 min
 Lab File: BF128869.D
 Acq: 20 Jun 2022 10:39

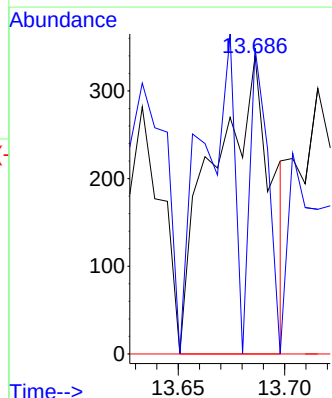
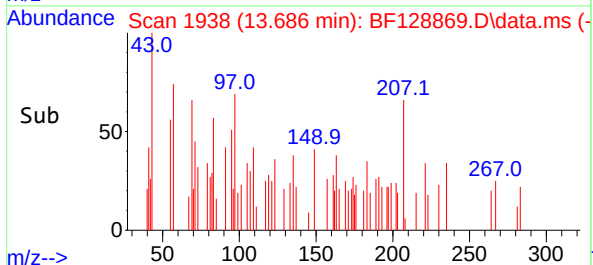
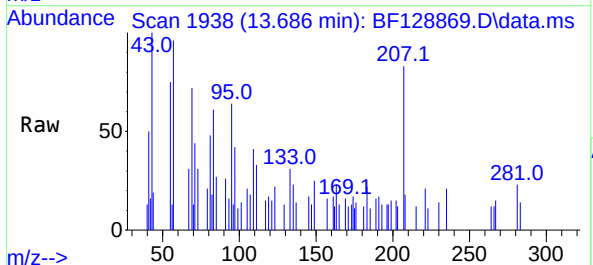
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

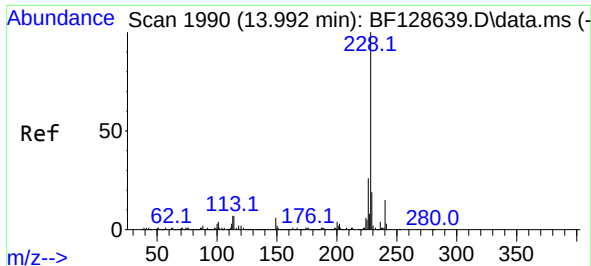
Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 7.6
 122 11.0



#80
 Butylbenzylphthalate
 Concen: 283.30 ng
 RT: 13.686 min Scan# 1938
 Delta R.T. 0.318 min
 Lab File: BF128869.D
 Acq: 20 Jun 2022 10:39

Tgt Ion:149 Resp: 655
 Ion Ratio Lower Upper
 149 100
 91 102.6 61.2 91.8#
 206 0.0 15.7 23.5#

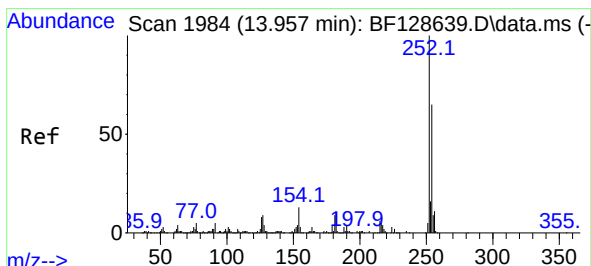
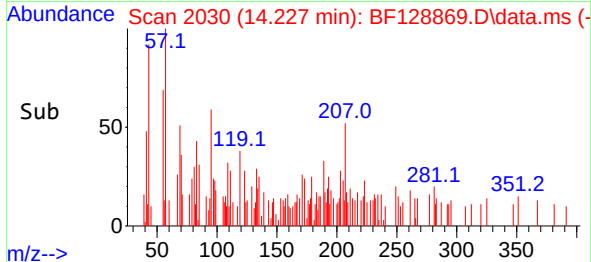
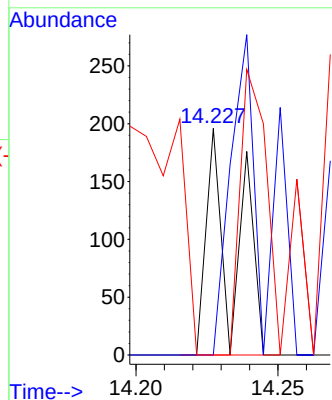
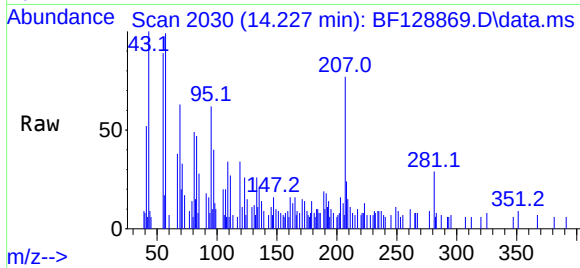




#81
Benzo(a)anthracene
Concen: 28.40 ng
RT: 14.227 min Scan# 2026
Delta R.T. 0.288 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

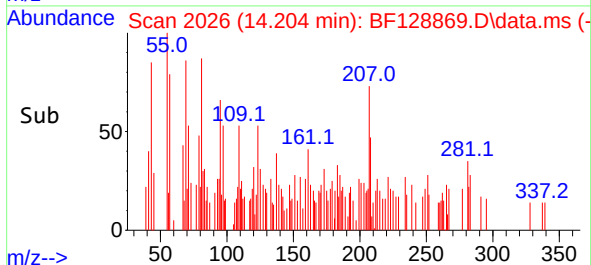
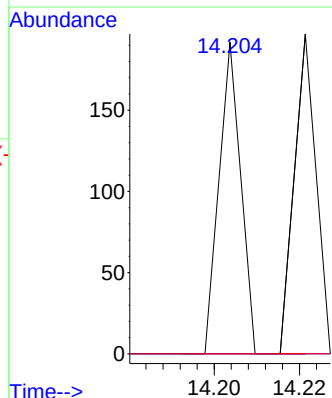
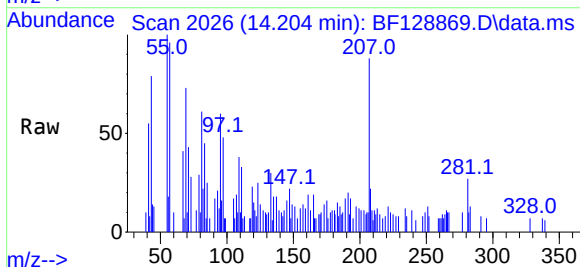
Instrument :
BNA_F
ClientSampleId :
DFTPP

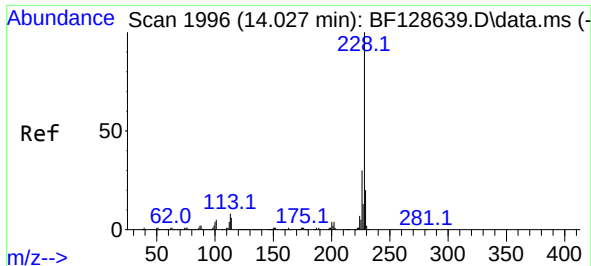
Tgt Ion:228 Resp: 131
Ion Ratio Lower Upper
228 100
226 0.0 22.1 33.1#
229 0.0 15.8 23.8#



#82
3,3'-Dichlorobenzidine
Concen: 68.91 ng
RT: 14.204 min Scan# 2026
Delta R.T. 0.300 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:252 Resp: 68
Ion Ratio Lower Upper
252 100
254 0.0 50.2 75.4#
126 0.0 8.2 12.4#

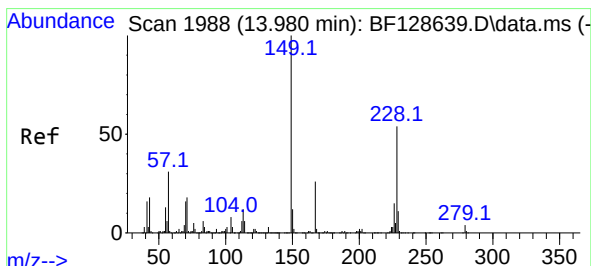
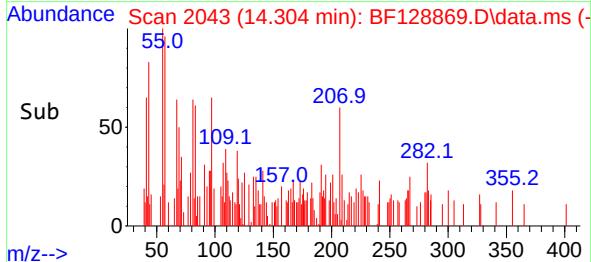
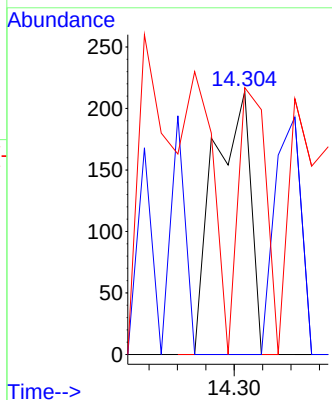
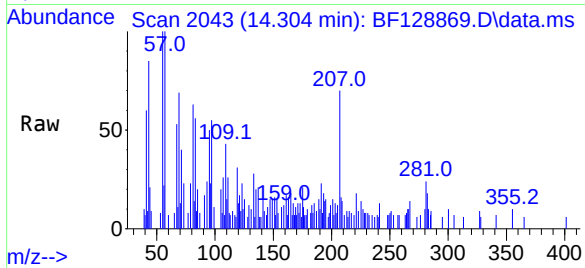




#83
Chrysene
Concen: 43.66 ng
RT: 14.304 min Scan# 2043
Delta R.T. 0.323 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

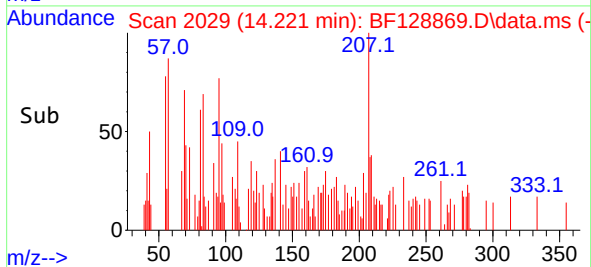
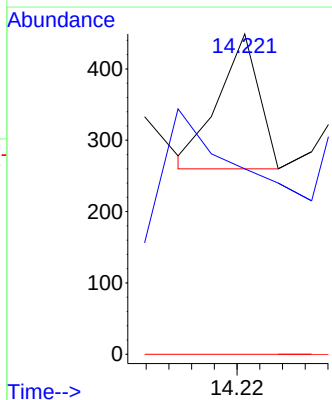
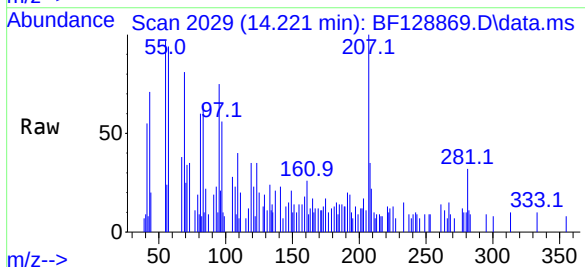
Instrument :
BNA_F
ClientSampleId :
DFTPP

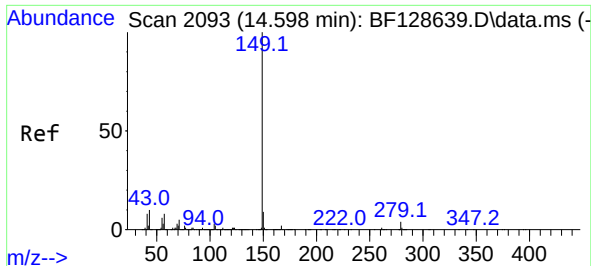
Tgt Ion:228 Resp: 192
Ion Ratio Lower Upper
228 100
226 0.0 24.3 36.5#
229 101.4 15.9 23.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 30.61 ng
RT: 14.221 min Scan# 2029
Delta R.T. 0.294 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:149 Resp: 92
Ion Ratio Lower Upper
149 100
167 57.9 21.0 31.4#
279 0.0 3.1 4.7#

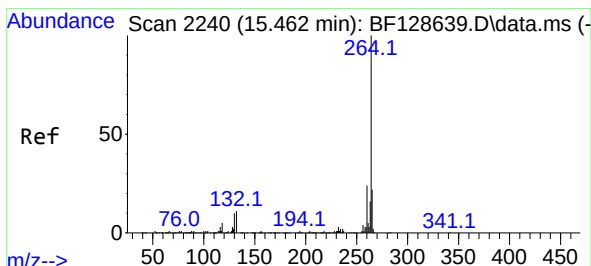
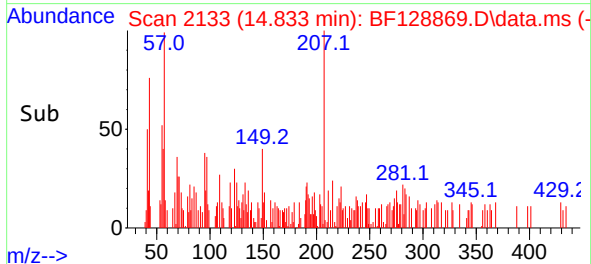
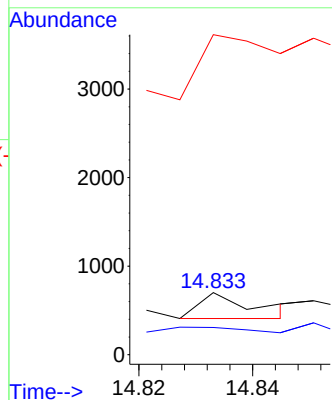
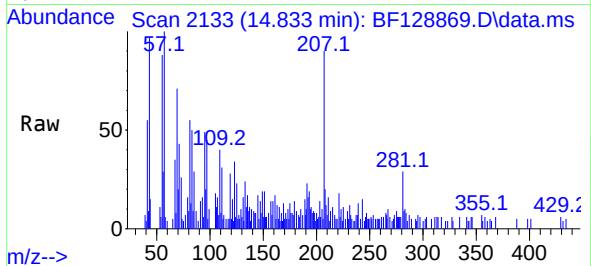




#85
Di-n-octyl phthalate
Concen: 43.96 ng
RT: 14.833 min Scan# 2133
Delta R.T. 0.294 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

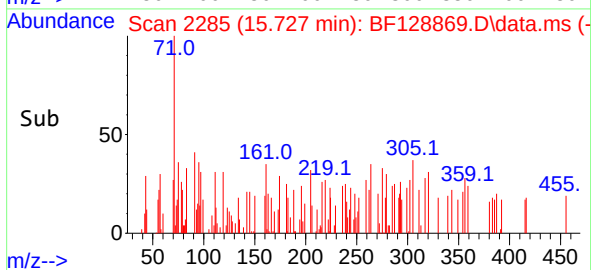
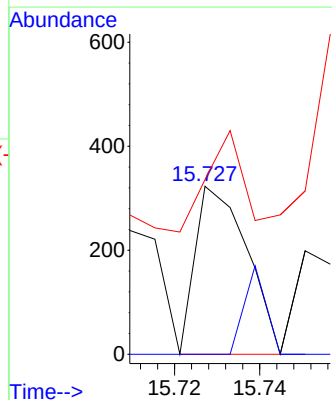
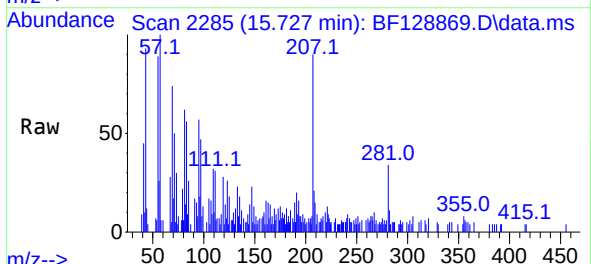
Instrument :
BNA_F
ClientSampleId :
DFTPP

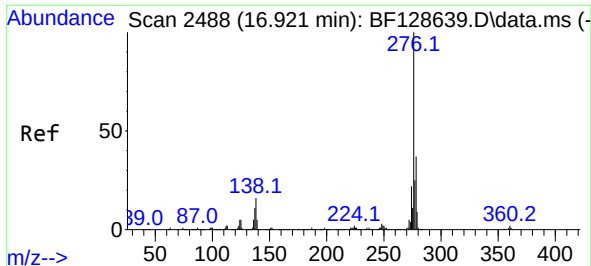
Tgt Ion:149 Resp: 199
Ion Ratio Lower Upper
149 100
167 58.3 1.3 1.9#
43 340.7 9.2 13.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.727 min Scan# 2285
Delta R.T. 0.329 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:264 Resp: 272
Ion Ratio Lower Upper
264 100
260 0.0 18.4 27.6#
265 104.0 17.2 25.8#

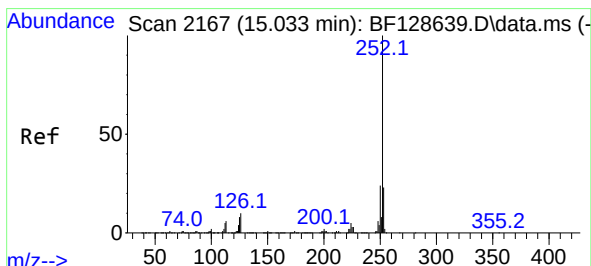
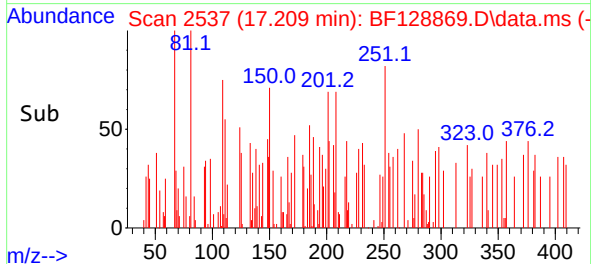
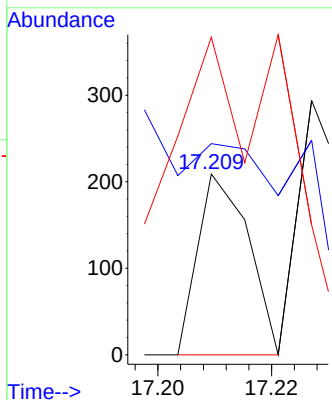
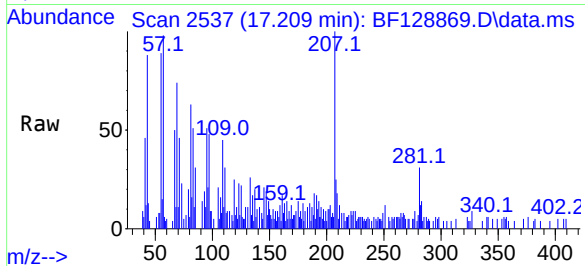




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.87 ng
RT: 17.209 min Scan# 211
Delta R.T. 0.365 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

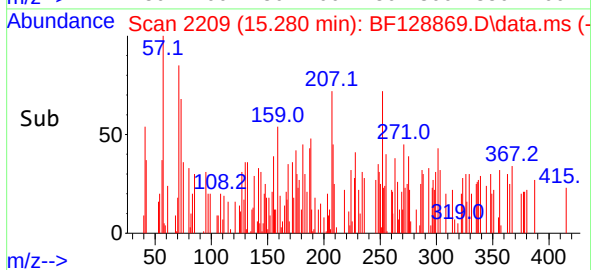
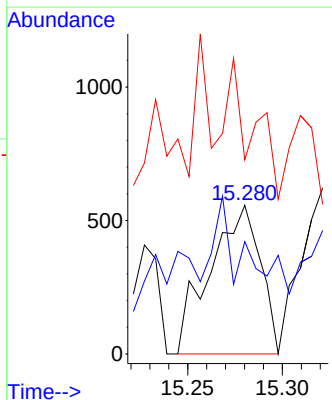
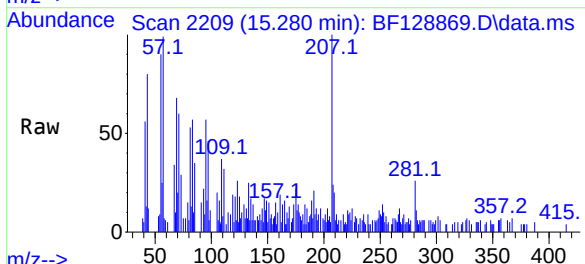
Instrument :
BNA_F
ClientSampleId :
DFTPP

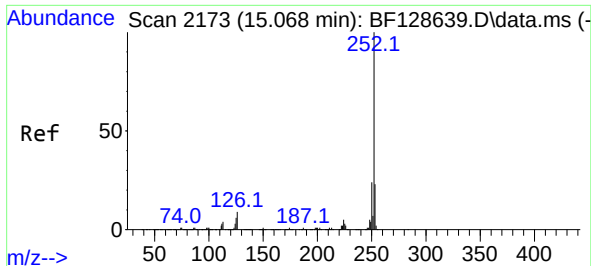
Tgt Ion:276 Resp: 129
Ion Ratio Lower Upper
276 100
138 472.9 21.1 31.7#
277 214.7 20.3 30.5#



#88
Benzo(b)fluoranthene
Concen: 59.26 ng
RT: 15.280 min Scan# 2209
Delta R.T. 0.300 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:252 Resp: 1030
Ion Ratio Lower Upper
252 100
253 75.6 17.7 26.5#
125 130.5 8.0 12.0#

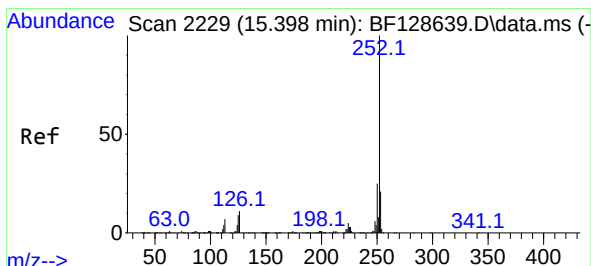
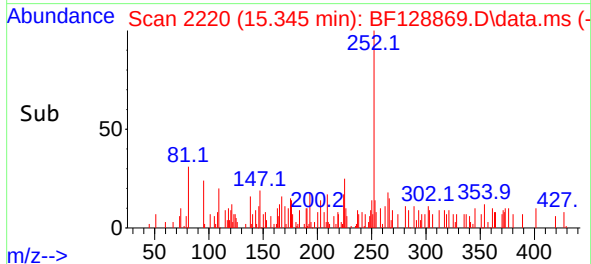
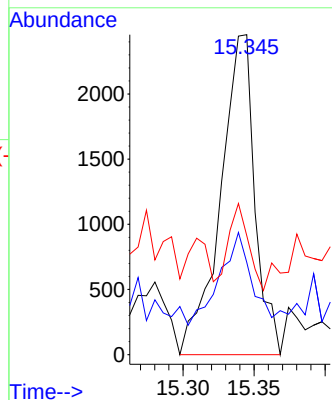
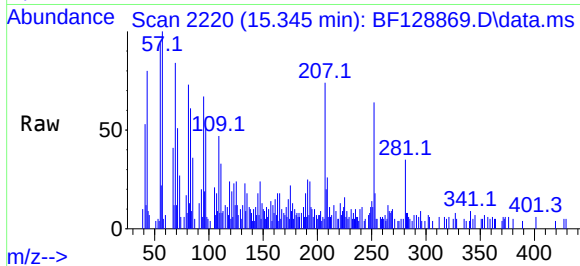




#89
Benzo(k)fluoranthene
Concen: 253.15 ng
RT: 15.345 min Scan# 2173
Delta R.T. 0.335 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

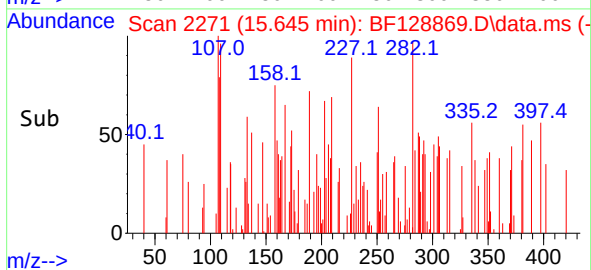
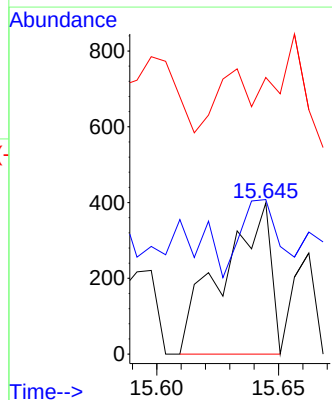
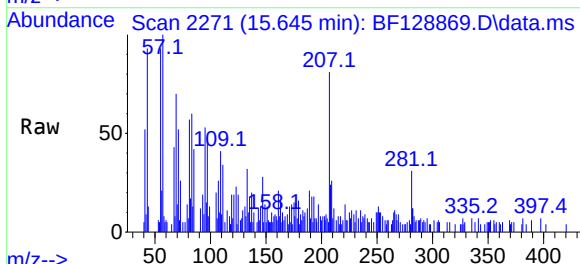
Instrument :
BNA_F
ClientSampleId :
DFTPP

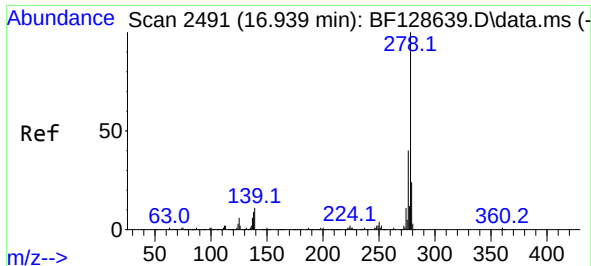
Tgt Ion:252 Resp: 4139
Ion Ratio Lower Upper
252 100
253 28.8 17.8 26.6#
125 37.2 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 40.12 ng
RT: 15.645 min Scan# 2271
Delta R.T. 0.306 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:252 Resp: 548
Ion Ratio Lower Upper
252 100
253 102.3 17.0 25.6#
125 183.0 8.8 13.2#

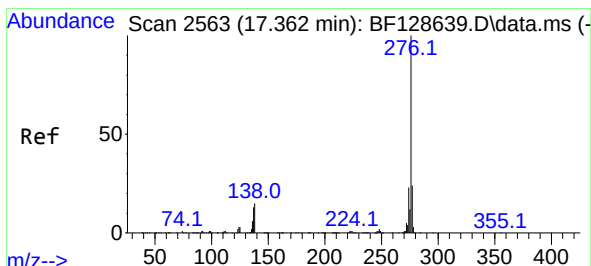
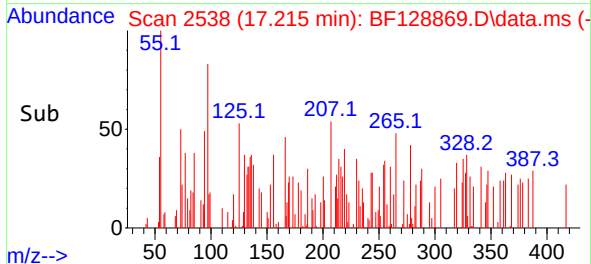
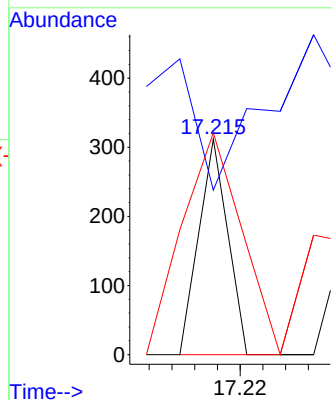
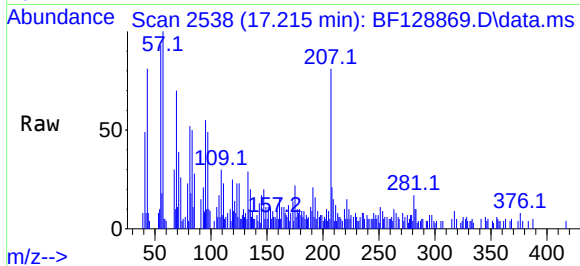




#91
Dibenzo(a,h)anthracene
Concen: 8.09 ng
RT: 17.215 min Scan# 210
Delta R.T. 0.359 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:278 Resp: 110
Ion Ratio Lower Upper
278 100
139 76.3 12.8 19.2#
279 102.9 18.6 28.0#



#92
Benzo(g,h,i)perylene
Concen: 12.32 ng
RT: 17.639 min Scan# 2610
Delta R.T. 0.359 min
Lab File: BF128869.D
Acq: 20 Jun 2022 10:39

Tgt Ion:276 Resp: 166
Ion Ratio Lower Upper
276 100
277 117.2 19.1 28.7#
138 64.6 18.0 27.0#

