

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128900.D
 Acq On : 21 Jun 2022 16:33
 Operator : CG\JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jun 22 01:50:31 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)

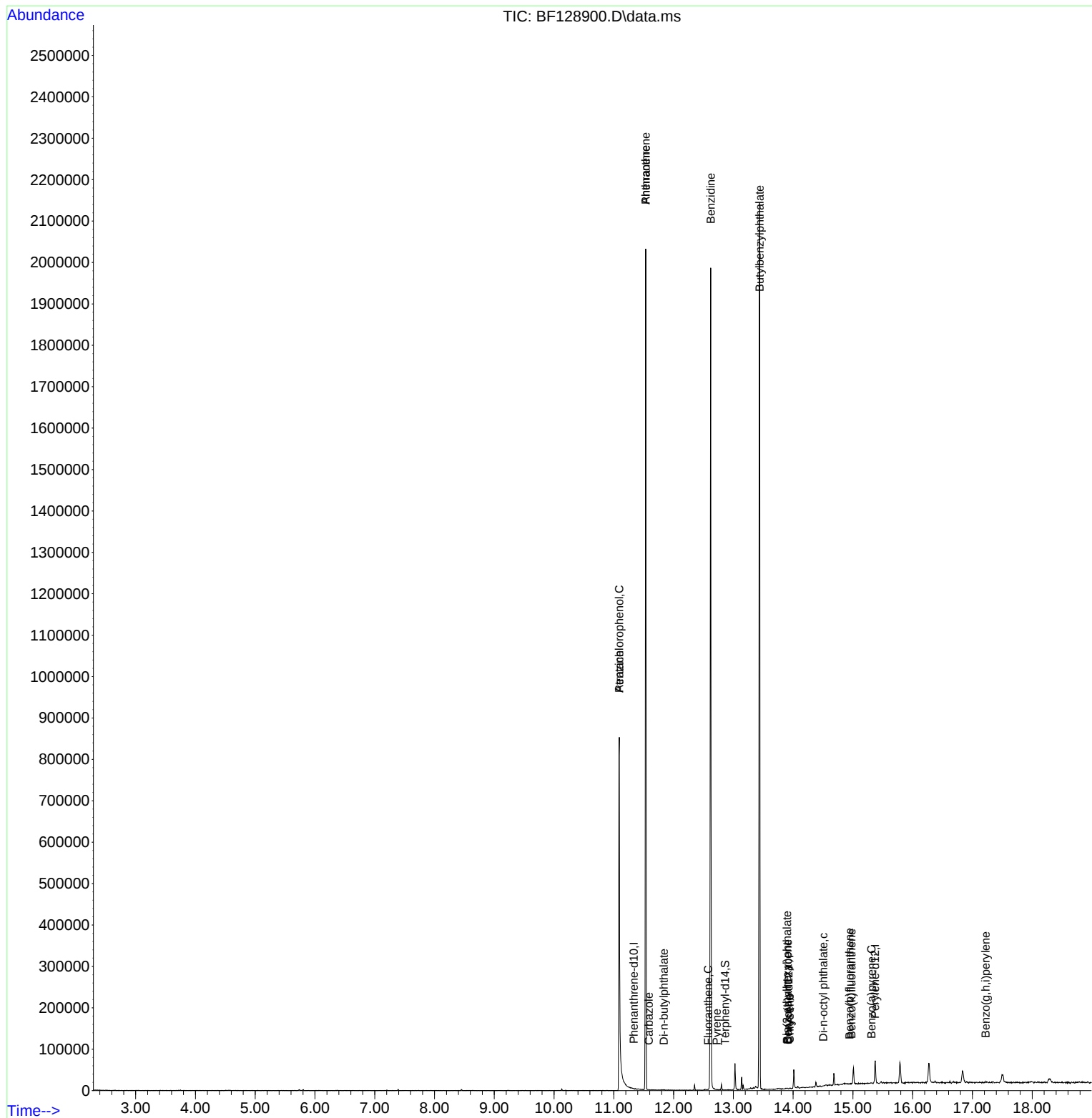
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.00	ng	-6.76
21) Naphthalene-d8	0.000	136	0	0.00	ng	-8.04
39) Acenaphthene-d10	0.000	164	0	0.00	ng	-9.79
64) Phenanthrene-d10	11.333	188	89	20.00	ng	# 0.05
76) Chrysene-d12	13.921	240	173	20.00	ng	# 0.00
86) Perylene-d12	15.368	264	597	20.00	ng	# 0.00
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	0.000	172	0	0.00	ng	
79) Terphenyl-d14	12.863	244	308	30.94	ng	0.00
Target Compounds						Qvalue
69) Atrazine	11.092	200	23346	26538.61	ng	# 36
70) Pentachlorophenol	11.092	266	124166	225666.68	ng	99
71) Phenanthrene	11.533	178	519	116.26	ng	# 1
72) Anthracene	11.533	178	519	117.46	ng	# 1
73) Carbazole	11.586	167	397	96.74	ng	# 58
74) Di-n-butylphthalate	11.839	149	191	38.23	ng	# 78
75) Fluoranthene	12.580	202	62	13.29	ng	64
77) Benzidine	12.622	184	698132	202435.55	ng	98
78) Pyrene	12.722	202	263	20.43	ng	# 59
80) Butylbenzylphthalate	13.439	149	5976	1105.61	ng	# 1
81) Benzo(a)anthracene	13.910	228	274	25.41	ng	# 51
83) Chrysene	13.945	228	341	33.17	ng	# 49
84) Bis(2-ethylhexyl)phtha...	13.898	149	453	64.47	ng	# 92
85) Di-n-octyl phthalate	14.504	149	422	39.87	ng	# 69
88) Benzo(b)fluoranthene	14.945	252	403	10.56	ng	# 60
89) Benzo(k)fluoranthene	14.974	252	480	13.38	ng	# 60
90) Benzo(a)pyrene	15.310	252	169	5.64	ng	# 60
92) Benzo(g,h,i)perylene	17.221	276	77	2.60	ng	# 52

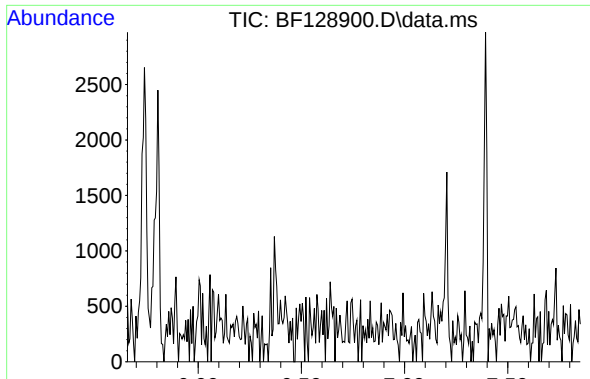
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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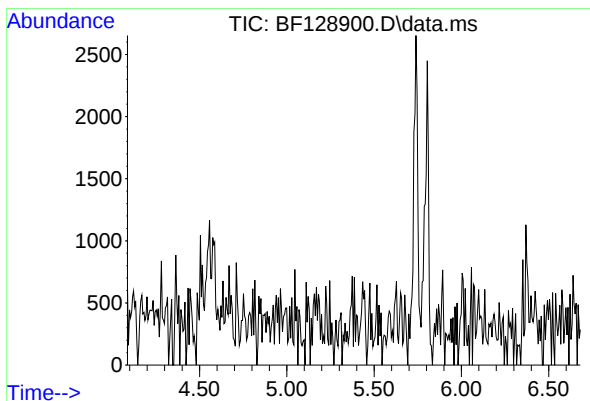
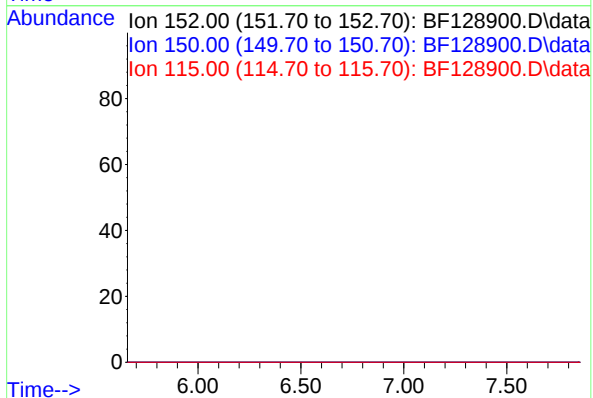


#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 6.76 min

Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Instrument :
BNA_F
ClientSampleId :
DFTPP

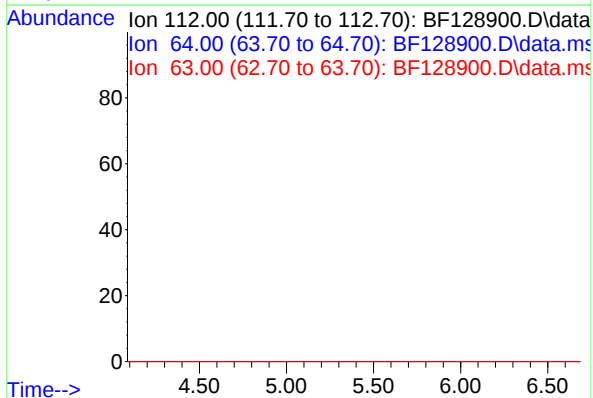
Tgt Ion: 152
Sig Exp Ratio
152 100
150 154.6
115 62.4

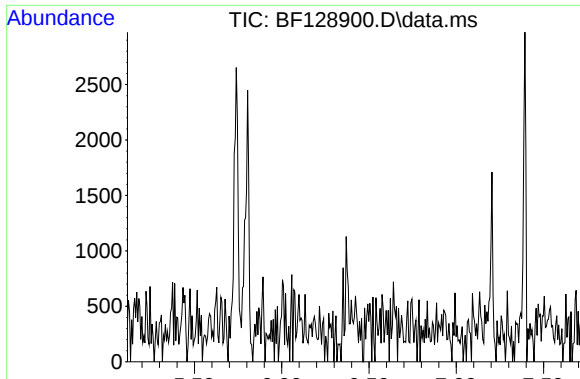


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.39 min

Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

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

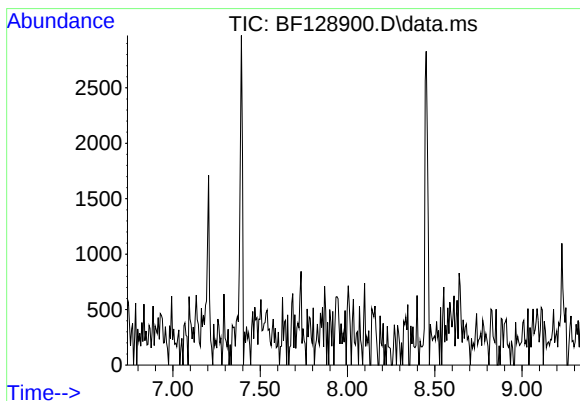
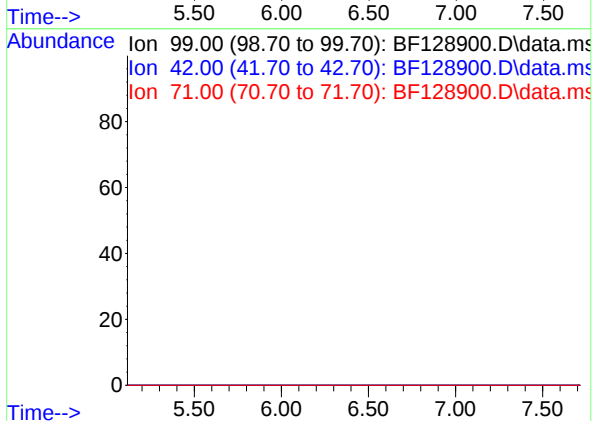




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.42 min
 Lab File: BF128900.D
 Acq: 21 Jun 2022 16:33

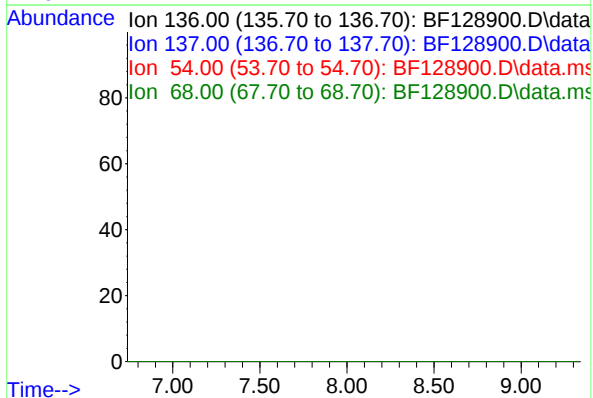
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

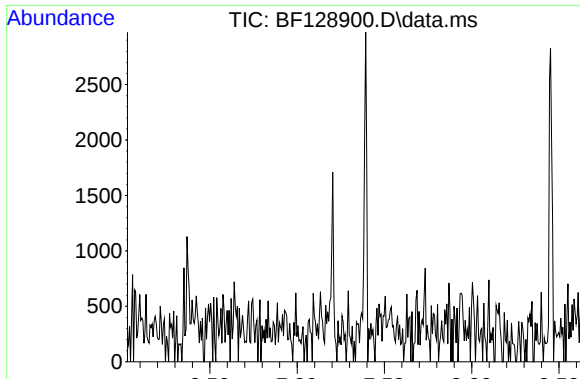
Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 21.6
 71 36.1



#21
 Naphthalene-d8
 Concen: 0.00 ng
 Expected RT: 8.04 min
 Lab File: BF128900.D
 Acq: 21 Jun 2022 16:33

Tgt Ion: 136
 Sig Exp Ratio
 136 100
 137 11.0
 54 9.4
 68 5.9

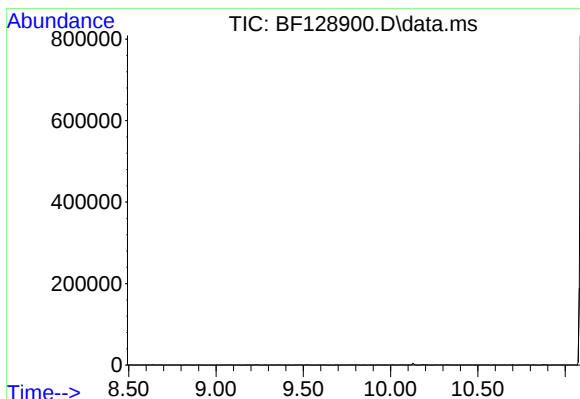
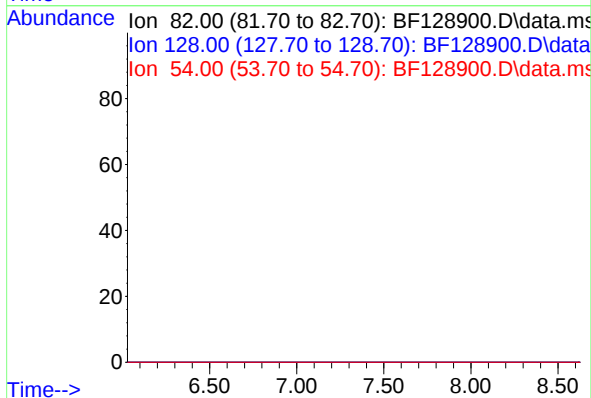




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.33 min
 Lab File: BF128900.D
 Acq: 21 Jun 2022 16:33

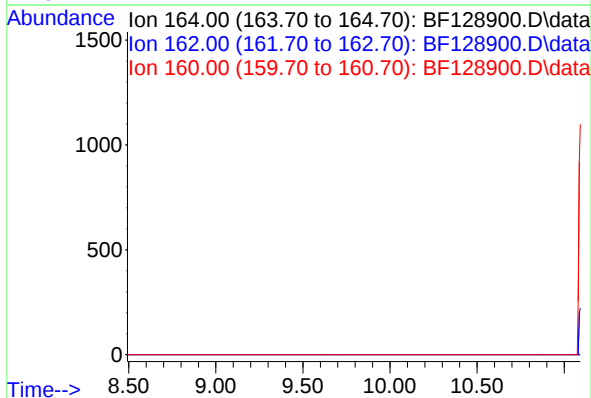
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

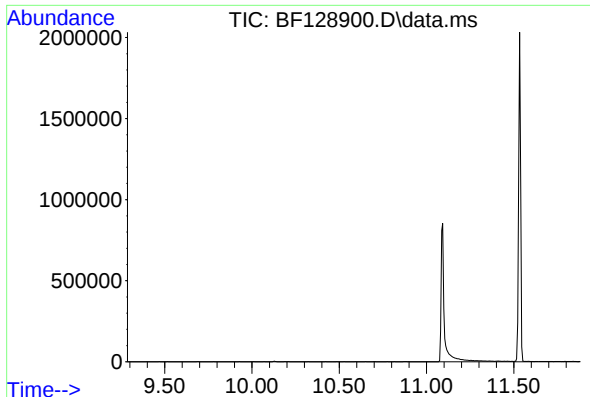
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 42.5
 54 58.6



#39
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 9.79 min
 Lab File: BF128900.D
 Acq: 21 Jun 2022 16:33

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 99.4
 160 42.8



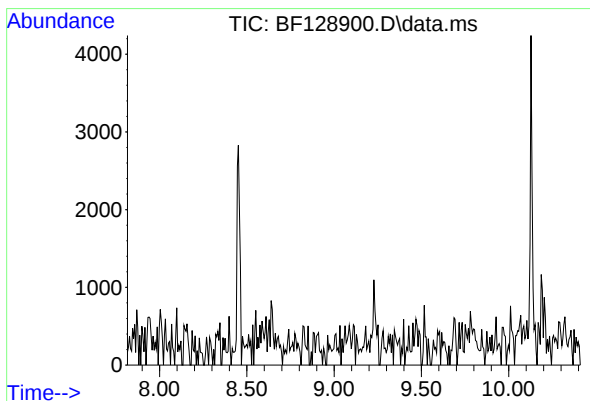
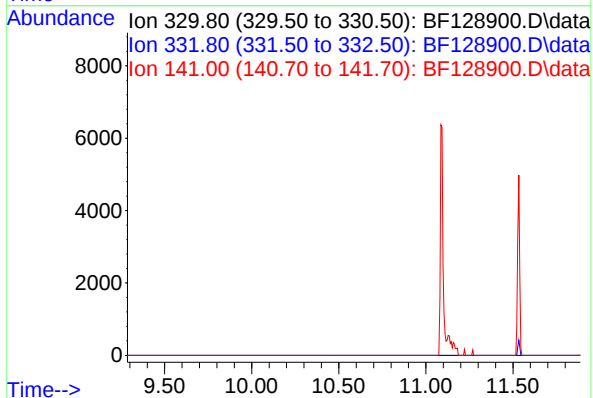


#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.59 min

Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Instrument :
BNA_F
ClientSampleId :
DFTPP

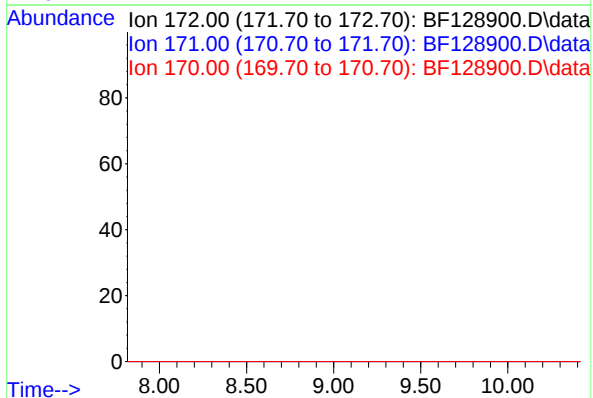
Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.0
141 35.0

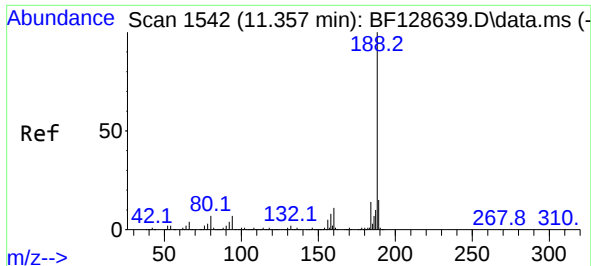


#45
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 9.12 min

Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Tgt Ion: 172
Sig Exp Ratio
172 100
171 36.0
170 24.8

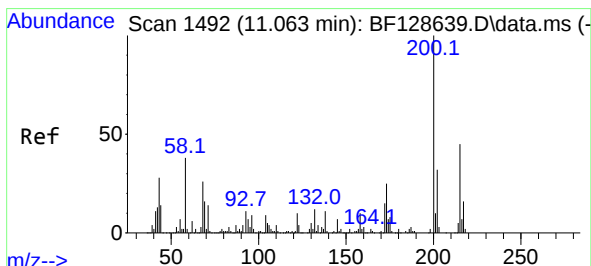
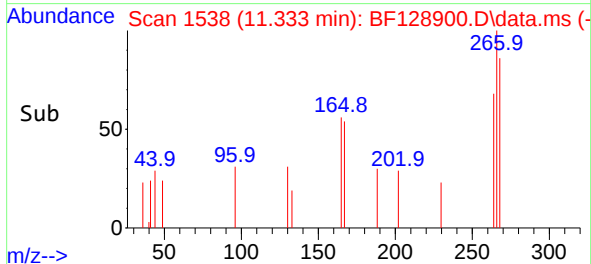
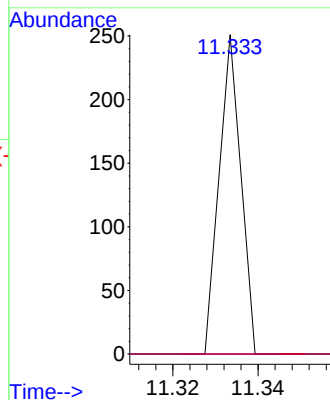
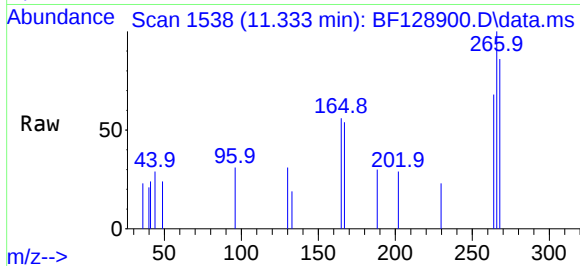




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

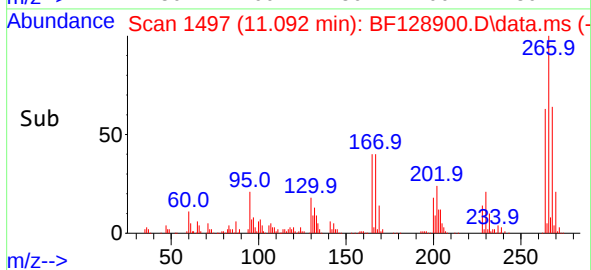
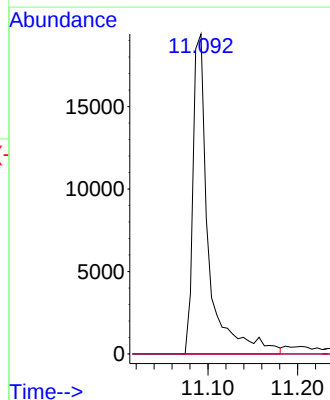
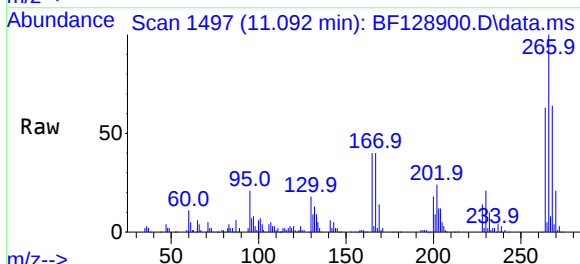
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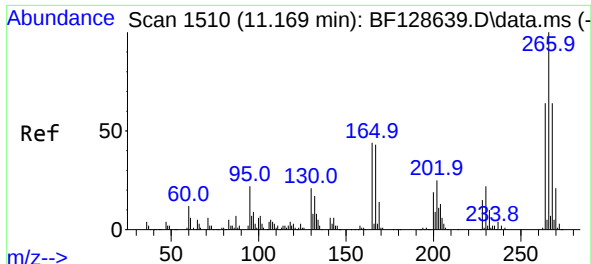
Tgt Ion:188 Resp: 89
Ion Ratio Lower Upper
188 100
94 0.0 7.0 10.6#
80 0.0 7.6 11.4#



#69
Atrazine
Concen: 26538.61 ng
RT: 11.092 min Scan# 1497
Delta R.T. 0.106 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Tgt Ion:200 Resp: 23346
Ion Ratio Lower Upper
200 100
173 0.0 6.3 46.3#
215 0.0 28.3 68.3#

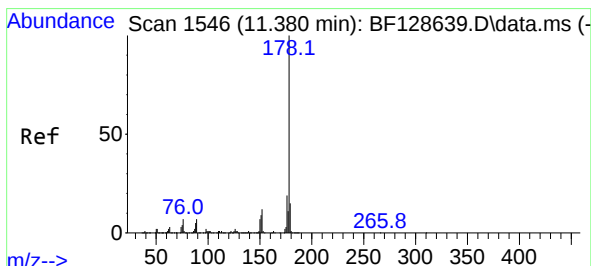
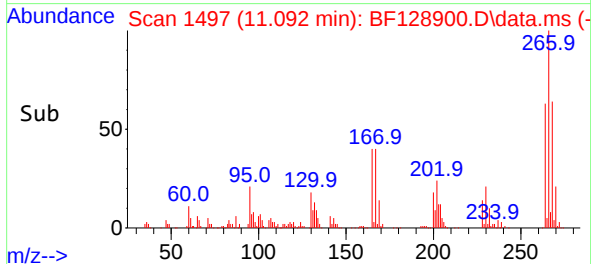
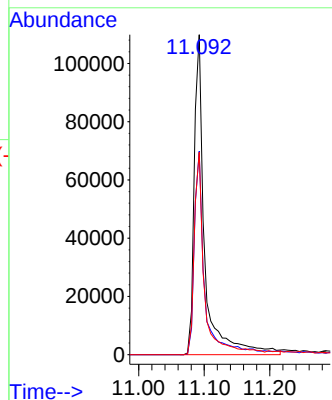
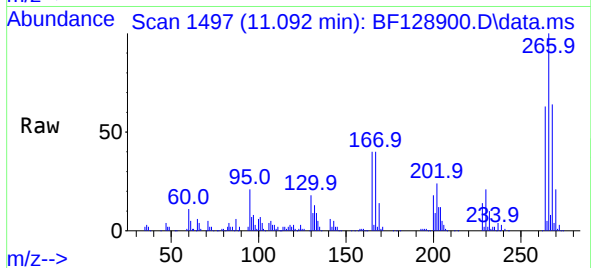




#70
Pentachlorophenol
Concen: 225666.68 ng
RT: 11.092 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

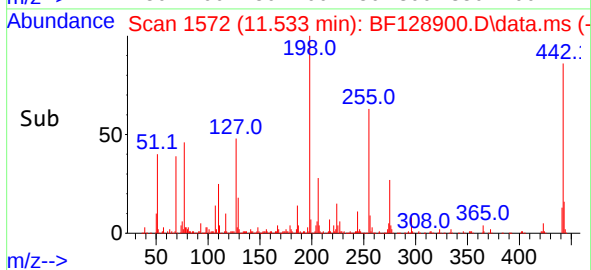
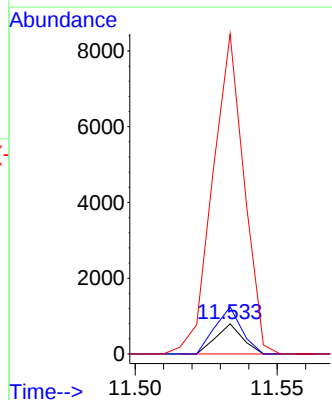
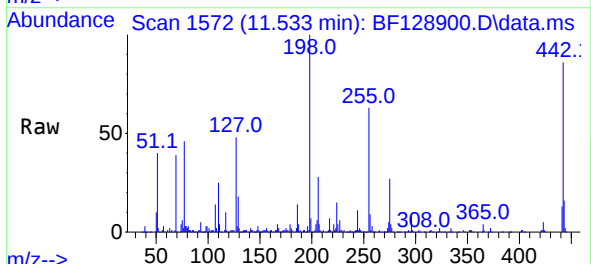
Instrument :
BNA_F
ClientSampleId :
DFTPP

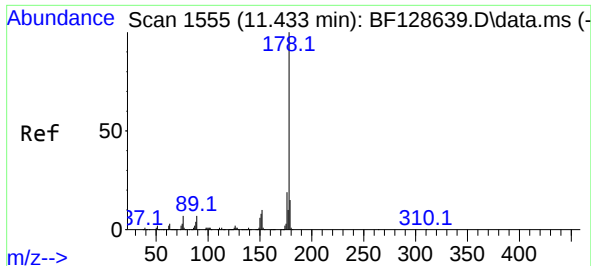
Tgt Ion:266 Resp: 124166
Ion Ratio Lower Upper
266 100
268 63.6 51.0 76.4
264 63.2 49.4 74.2



#71
Phenanthrene
Concen: 116.26 ng
RT: 11.533 min Scan# 1572
Delta R.T. 0.224 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Tgt Ion:178 Resp: 519
Ion Ratio Lower Upper
178 100
176 155.6 16.0 24.0#
179 1062.5 12.6 19.0#

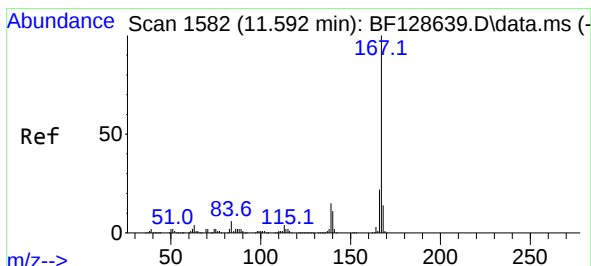
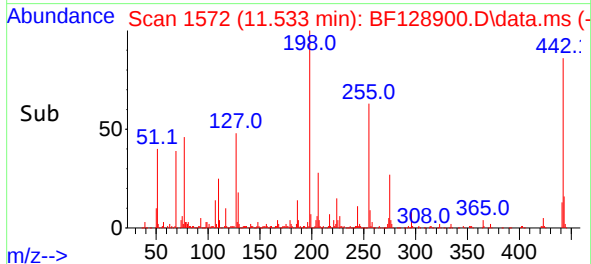
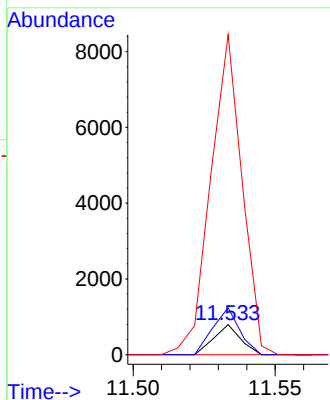
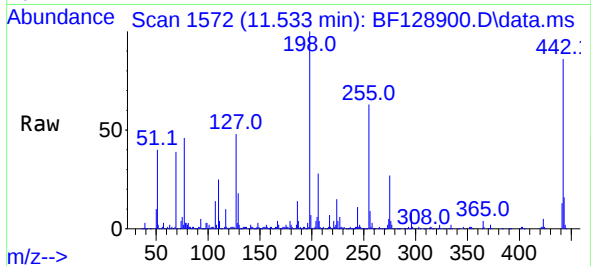




#72
 Anthracene
 Concen: 117.46 ng
 RT: 11.533 min Scan# 1555
 Delta R.T. 0.177 min
 Lab File: BF128900.D
 Acq: 21 Jun 2022 16:33

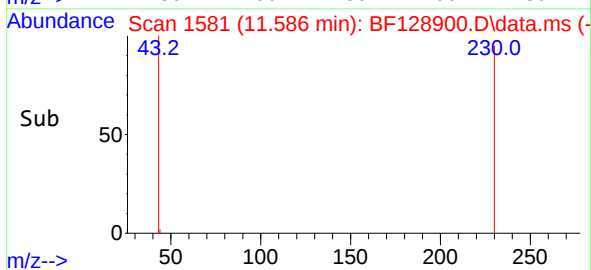
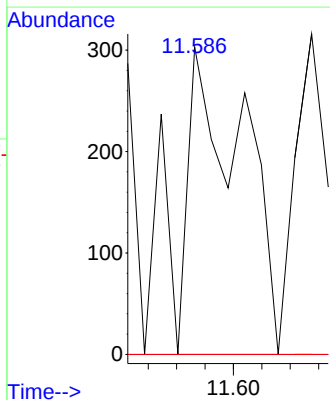
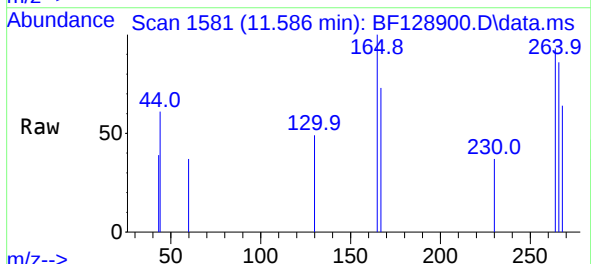
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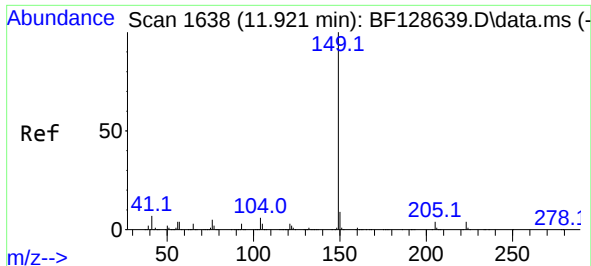
Tgt Ion:178 Resp: 519
 Ion Ratio Lower Upper
 178 100
 176 155.6 15.4 23.2#
 179 1062.5 12.6 19.0#



#73
 Carbazole
 Concen: 96.74 ng
 RT: 11.586 min Scan# 1581
 Delta R.T. 0.071 min
 Lab File: BF128900.D
 Acq: 21 Jun 2022 16:33

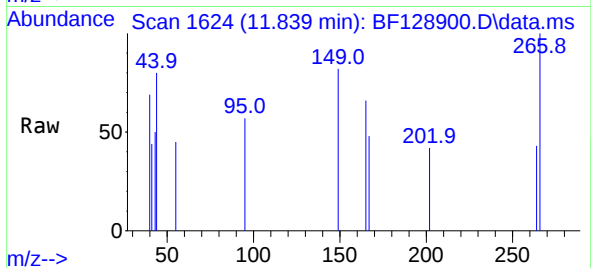
Tgt Ion:167 Resp: 397
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.7 26.5#
 139 0.0 11.2 16.8#



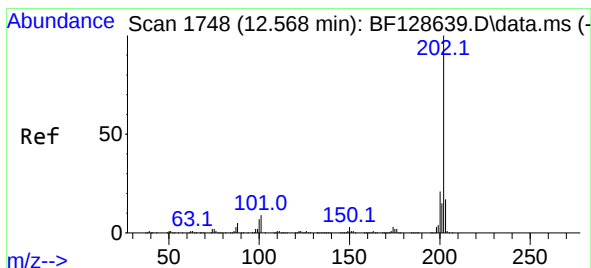
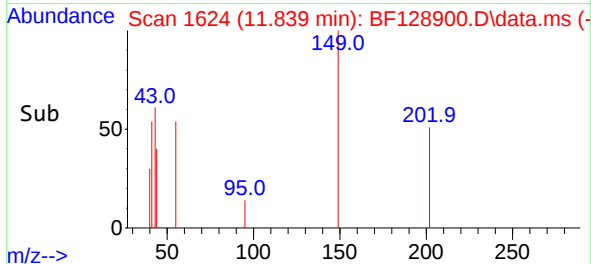
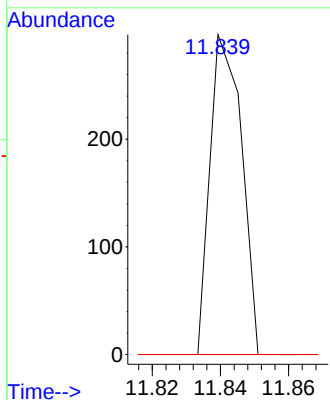


#74
Di-n-butylphthalate
Concen: 38.23 ng
RT: 11.839 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Instrument :
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DFTPP

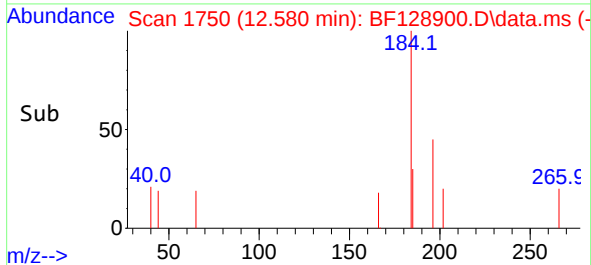
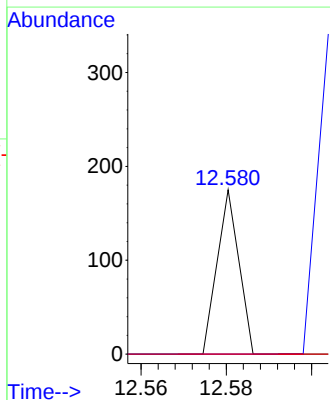
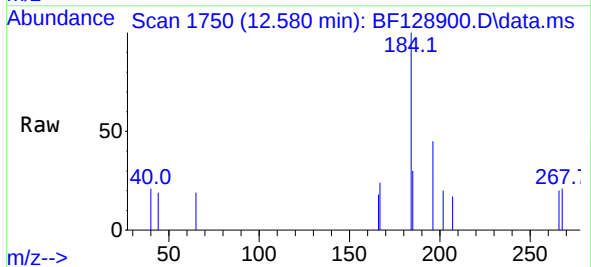


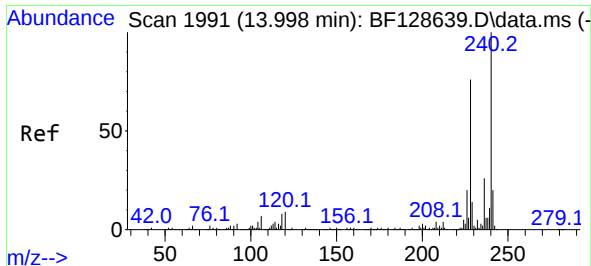
Tgt Ion:149 Resp: 191
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 4.4 6.6#



#75
Fluoranthene
Concen: 13.29 ng
RT: 12.580 min Scan# 1750
Delta R.T. 0.082 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Tgt Ion:202 Resp: 62
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.4
203 0.0 0.0 38.0

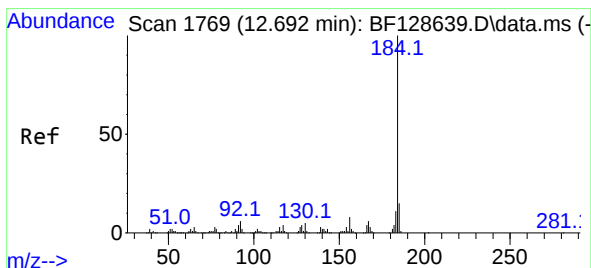
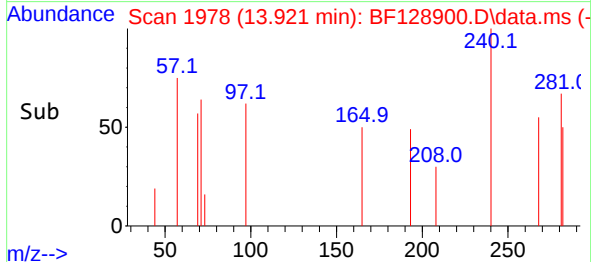
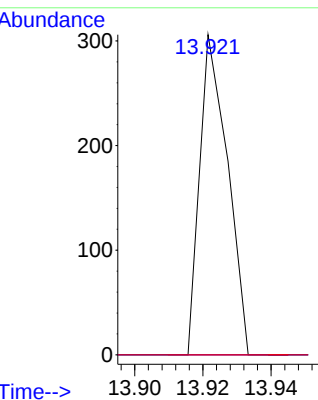
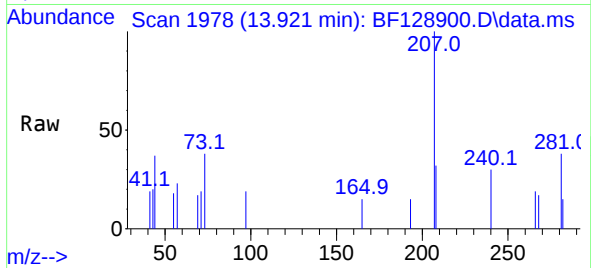




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.921 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

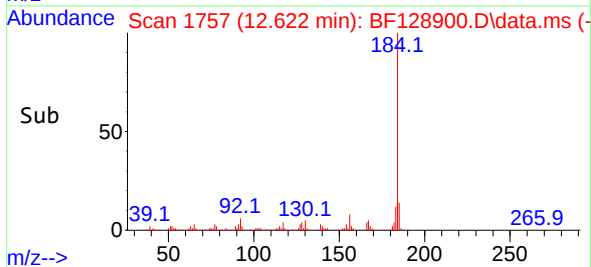
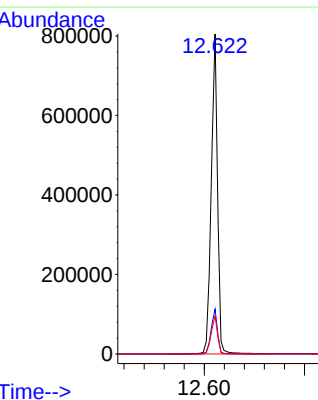
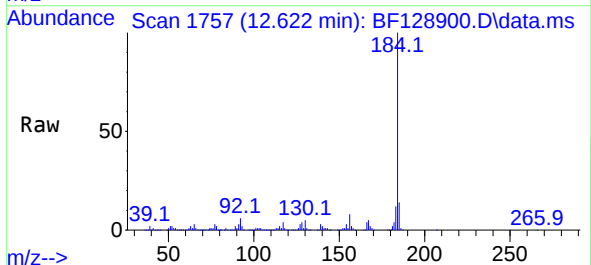
Instrument :
BNA_F
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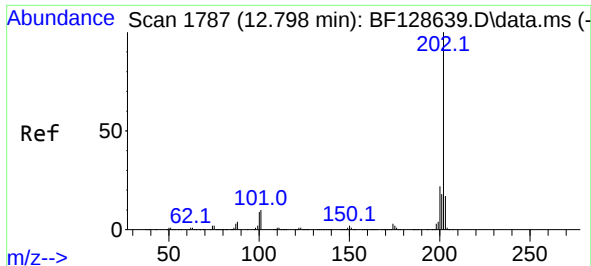
Tgt Ion:240 Resp: 173
Ion Ratio Lower Upper
240 100
120 0.0 8.9 13.3#
236 0.0 20.8 31.2#



#77
Benzidine
Concen: 202435.55 ng
RT: 12.622 min Scan# 1757
Delta R.T. 0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Tgt Ion:184 Resp: 698132
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.9 9.3 13.9

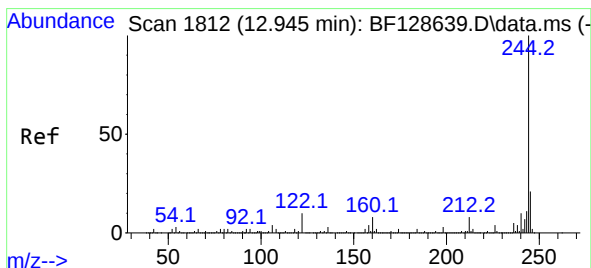
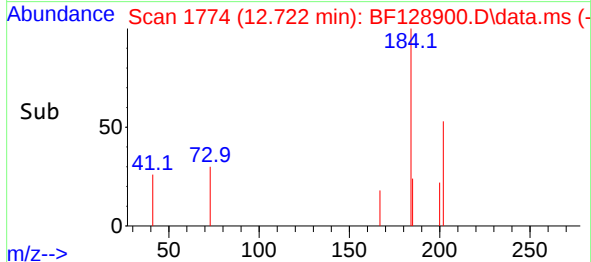
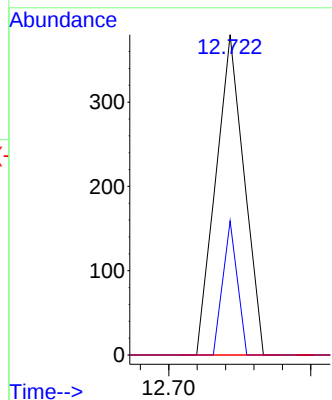
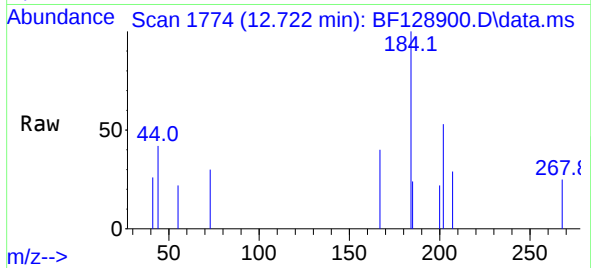




#78
Pyrene
Concen: 20.43 ng
RT: 12.722 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

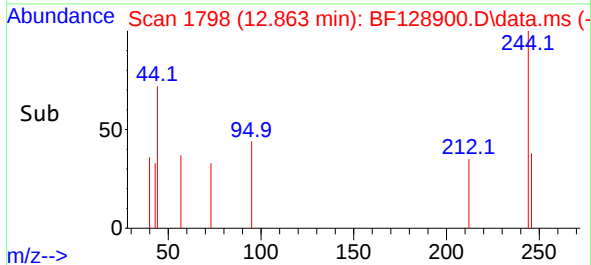
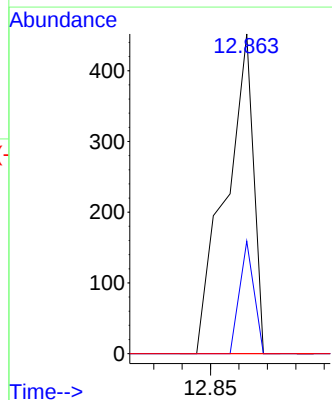
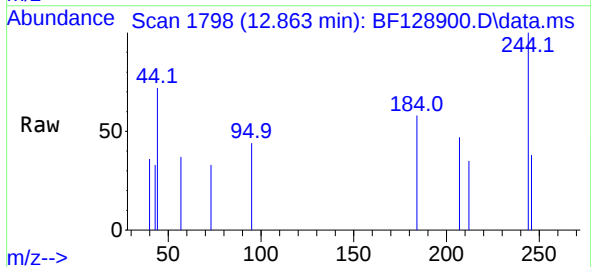
Instrument :
BNA_F
ClientSampleId :
DFTPP

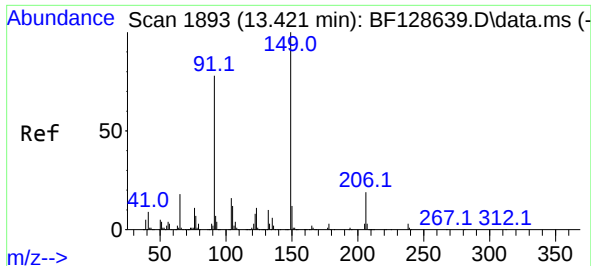
Tgt Ion:202 Resp: 263
Ion Ratio Lower Upper
202 100
200 41.8 17.7 26.5#
203 0.0 14.6 21.8#



#79
Terphenyl-d14
Concen: 30.94 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Tgt Ion:244 Resp: 308
Ion Ratio Lower Upper
244 100
212 35.2 6.1 9.1#
122 0.0 8.8 13.2#

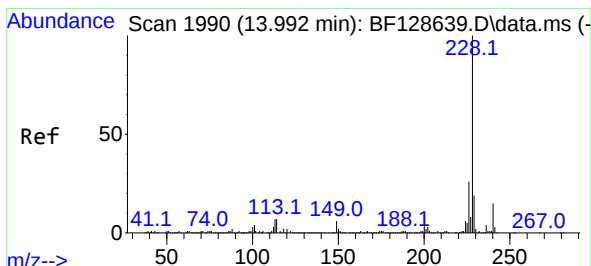
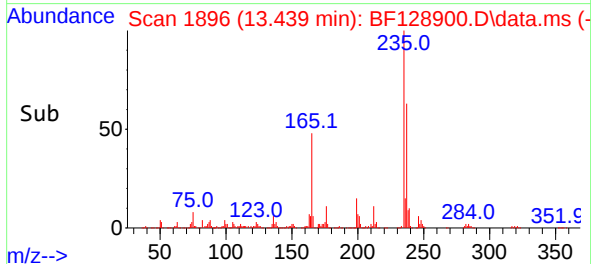
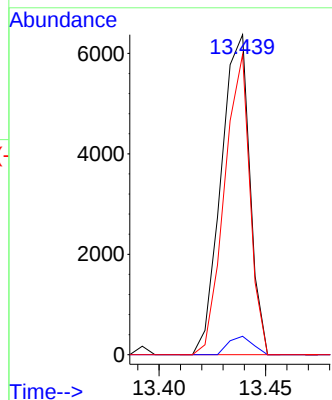
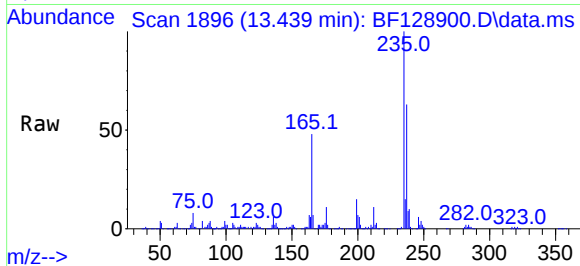




#80
Butylbenzylphthalate
Concen: 1105.61 ng
RT: 13.439 min Scan# 1896
Delta R.T. 0.100 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

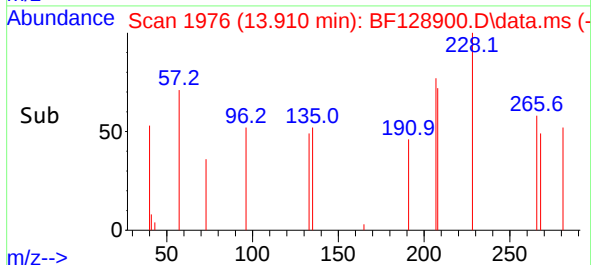
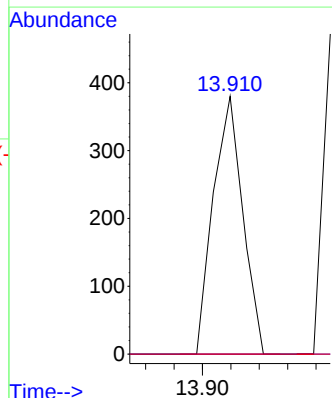
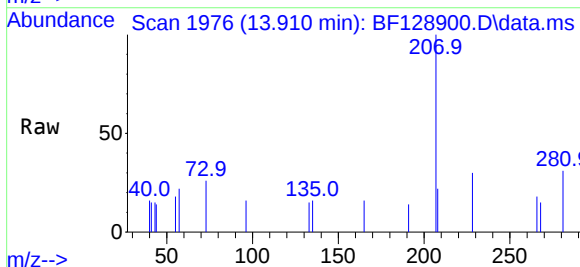
Instrument :
BNA_F
ClientSampleId :
DFTPP

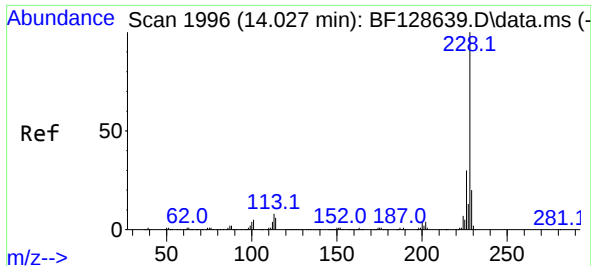
Tgt Ion:149 Resp: 5976
Ion Ratio Lower Upper
149 100
91 5.8 61.2 91.8#
206 93.8 15.7 23.5#



#81
Benzo(a)anthracene
Concen: 25.41 ng
RT: 13.910 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Tgt Ion:228 Resp: 274
Ion Ratio Lower Upper
228 100
226 0.0 22.1 33.1#
229 0.0 15.8 23.8#

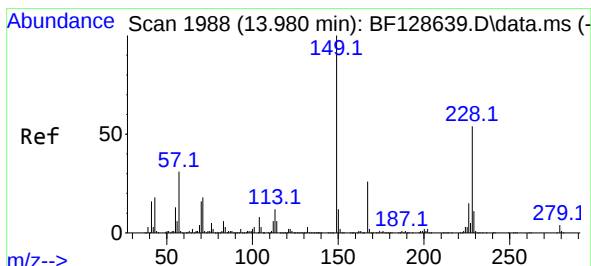
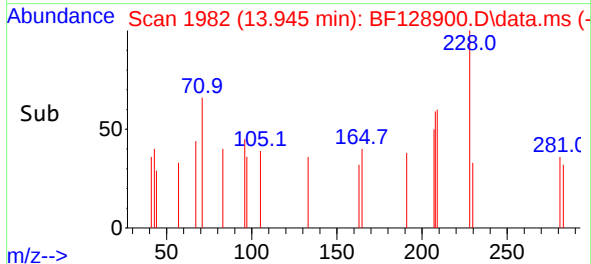
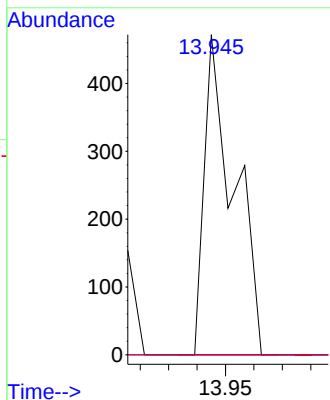
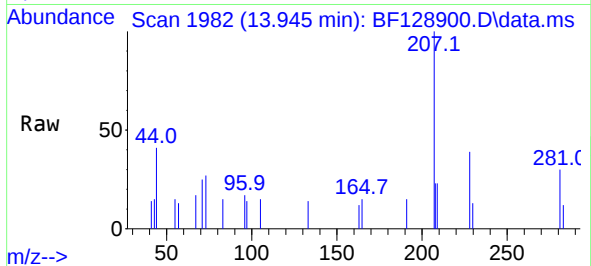




#83
Chrysene
Concen: 33.17 ng
RT: 13.945 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

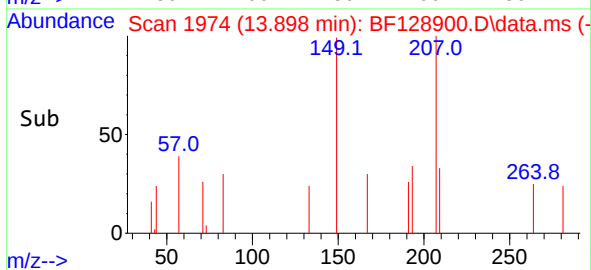
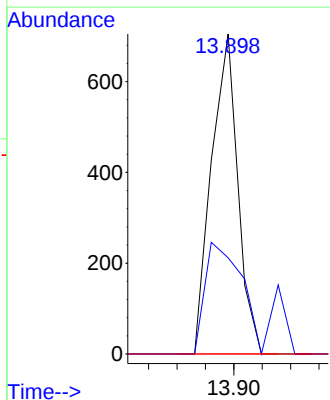
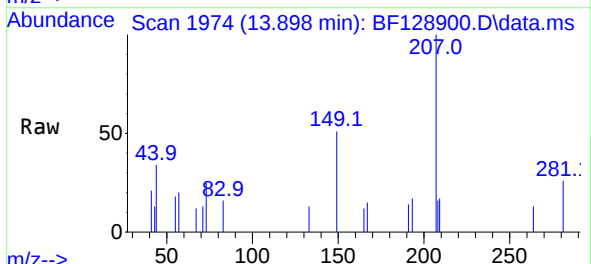
Instrument :
BNA_F
ClientSampleId :
DFTPP

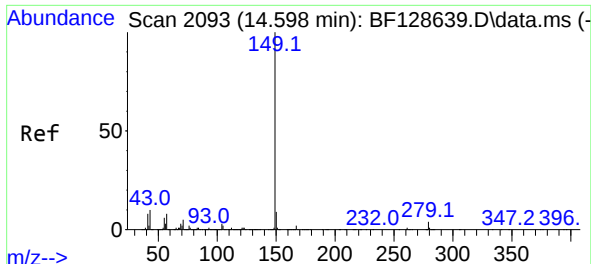
Tgt Ion:228 Resp: 341
Ion Ratio Lower Upper
228 100
226 0.0 24.3 36.5#
229 0.0 15.9 23.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 64.47 ng
RT: 13.898 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Tgt Ion:149 Resp: 453
Ion Ratio Lower Upper
149 100
167 30.1 21.0 31.4
279 0.0 3.1 4.7#

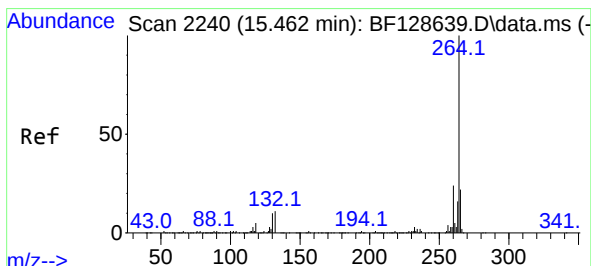
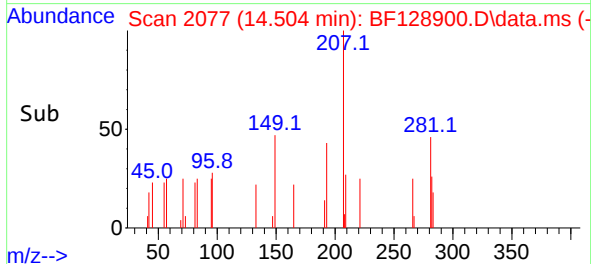
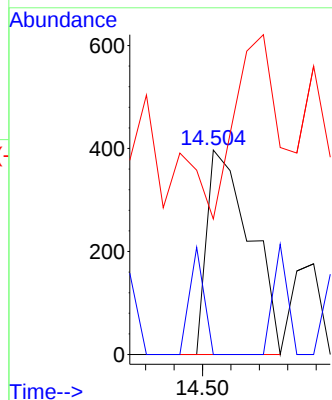
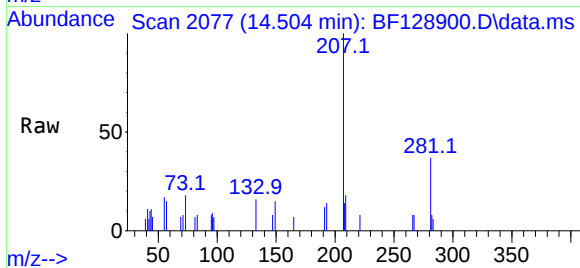




#85
Di-n-octyl phthalate
Concen: 39.87 ng
RT: 14.504 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

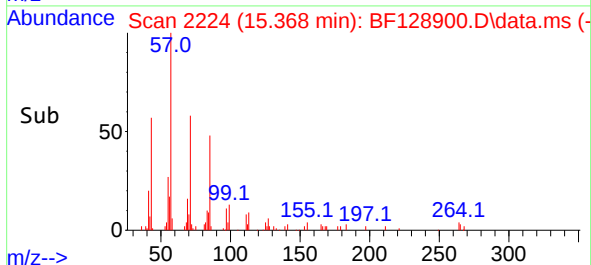
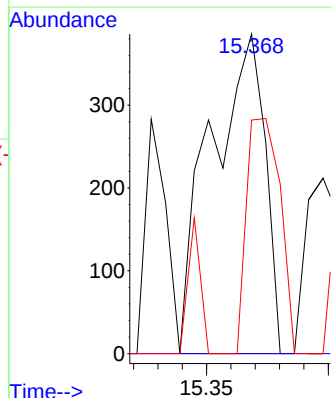
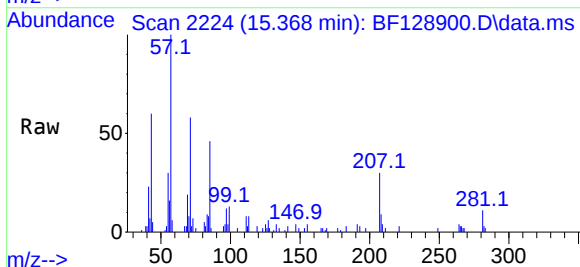
Instrument :
BNA_F
ClientSampleId :
DFTPP

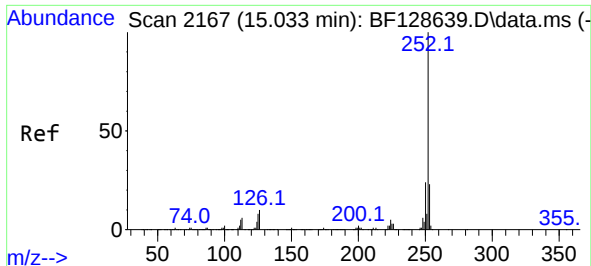
Tgt Ion:149 Resp: 422
Ion Ratio Lower Upper
149 100
167 17.3 1.3 1.9#
43 0.0 9.2 13.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.368 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Tgt Ion:264 Resp: 597
Ion Ratio Lower Upper
264 100
260 0.0 18.4 27.6#
265 73.1 17.2 25.8#

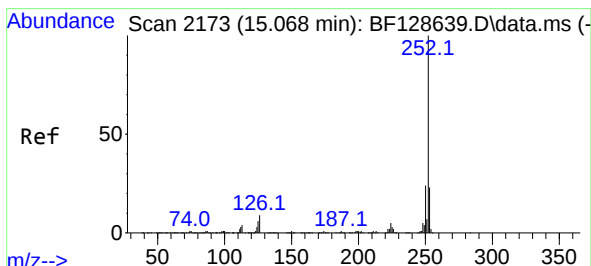
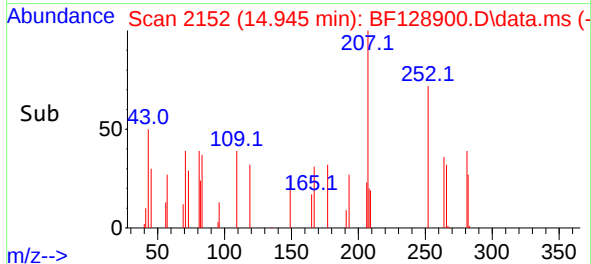
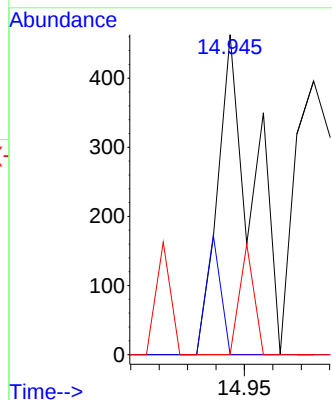
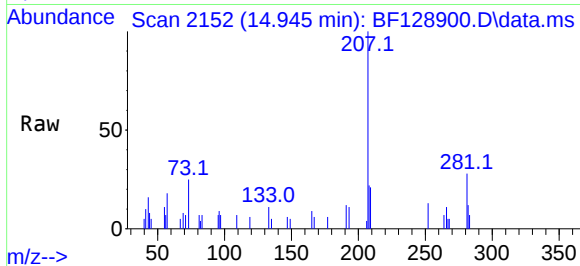




#88
Benzo(b)fluoranthene
Concen: 10.56 ng
RT: 14.945 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

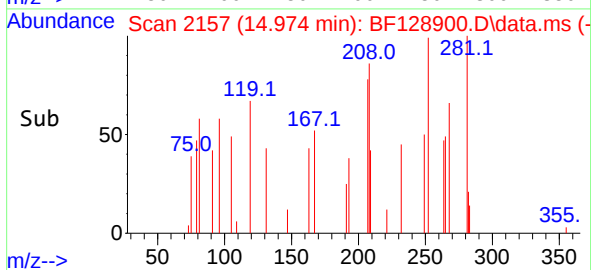
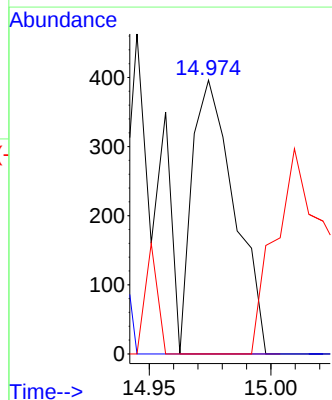
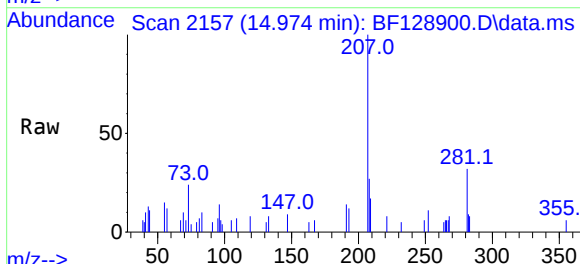
Instrument :
BNA_F
ClientSampleId :
DFTPP

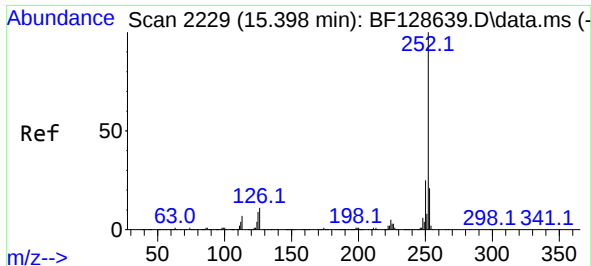
Tgt Ion:252 Resp: 403
Ion Ratio Lower Upper
252 100
253 0.0 17.7 26.5#
125 0.0 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 13.38 ng
RT: 14.974 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Tgt Ion:252 Resp: 480
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.6#
125 0.0 8.3 12.5#

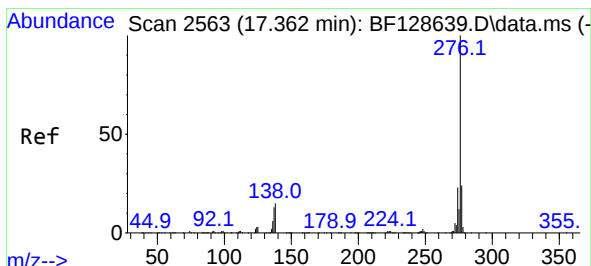
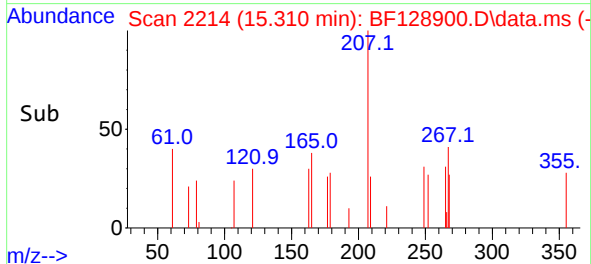
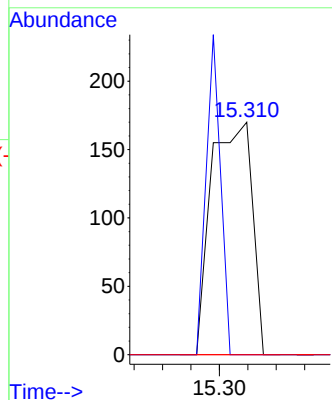
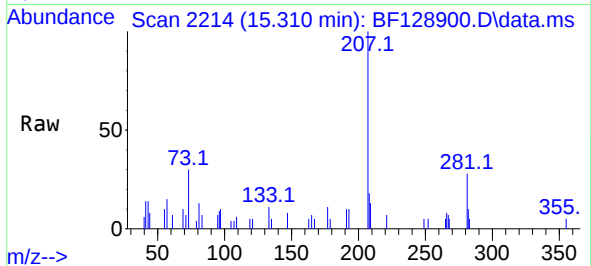




#90
Benzo(a)pyrene
Concen: 5.64 ng
RT: 15.310 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 169
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.6#
125 0.0 8.8 13.2#



#92
Benzo(g,h,i)perylene
Concen: 2.60 ng
RT: 17.221 min Scan# 2539
Delta R.T. 0.006 min
Lab File: BF128900.D
Acq: 21 Jun 2022 16:33

Tgt Ion:276 Resp: 77
Ion Ratio Lower Upper
276 100
277 0.0 19.1 28.7#
138 0.0 18.0 27.0#

