

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
 Data File : BF134816.D
 Acq On : 17 Aug 2023 09:25
 Operator : CG\JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

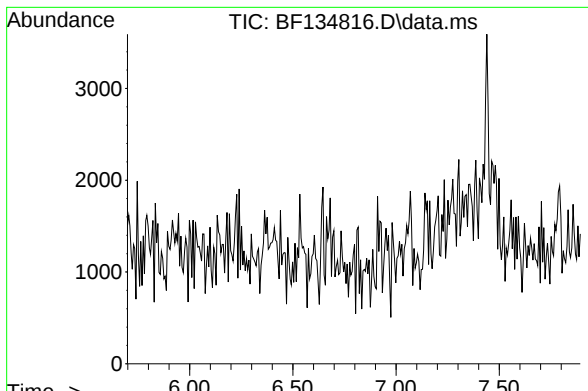
Quant Time: Aug 17 09:50:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.80
21) Naphthalene-d8	0.000	136	0	0.000	ng	-8.08
39) Acenaphthene-d10	9.563	164	55	20.000	ng	#-0.27
64) Phenanthrene-d10	11.128	188	59	20.000	ng	#-0.19
76) Chrysene-d12	13.498	240	9317	20.000	ng	#-0.48
86) Perylene-d12	14.951	264	55	20.000	ng	#-0.49
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
79) Terphenyl-d14	12.410	244	290	0.549	ng	-0.51
Target Compounds						Qvalue
50) Dimethylphthalate	9.551	163	60	16.006	ng	# 78
58) Fluorene	10.163	166	1476	436.045	ng	# 11
63) Azobenzene	10.251	77	125	32.743	ng	# 24
65) 4,6-Dinitro-2-methylph...	10.157	198	219	760.635	ng	# 25
66) n-Nitrosodiphenylamine	10.157	169	322	171.466	ng	# 1
68) Hexachlorobenzene	10.928	284	77	112.900	ng	# 43
70) Pentachlorophenol	11.128	266	293552	695153.371	ng	95
71) Phenanthrene	11.398	178	990	315.906	ng	96
72) Anthracene	11.398	178	990	309.273	ng	98
73) Carbazole	11.586	167	14909	5216.334	ng	# 82
74) Di-n-butylphthalate	11.716	149	114	37.544	ng	# 79
75) Fluoranthene	12.422	202	123	37.157	ng	65
84) Bis(2-ethylhexyl)phtha...	13.498	149	8595	26.791	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.386	276	71	21.950	ng	# 1
88) Benzo(b)fluoranthene	14.574	252	77	22.955	ng	# 1
89) Benzo(k)fluoranthene	14.574	252	77	23.043	ng	# 1
90) Benzo(a)pyrene	14.868	252	94	30.055	ng	# 1
91) Dibenzo(a,h)anthracene	16.445	278	173	66.179	ng	# 1
92) Benzo(g,h,i)perylene	16.821	276	136	51.002	ng	# 15

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

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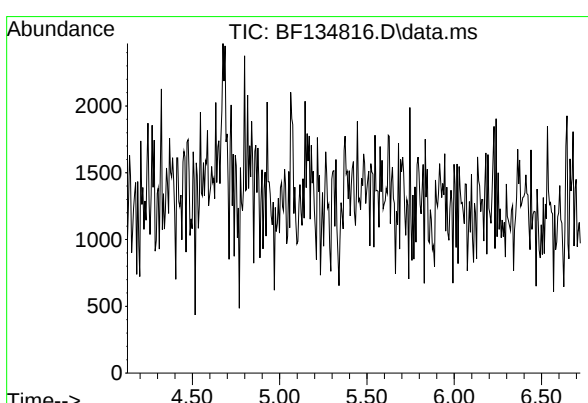
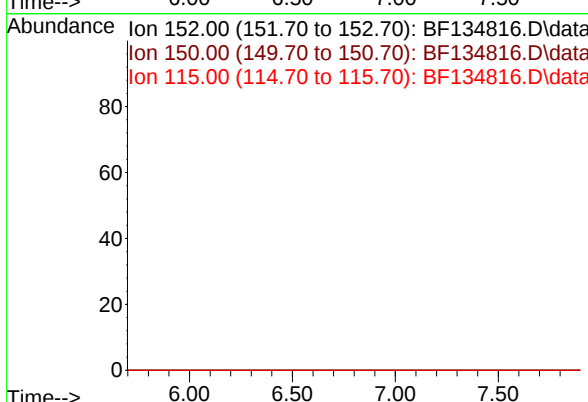


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.80 min
 Lab File: BF134816.D
 Acq: 17 Aug 2023 09:25

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 152

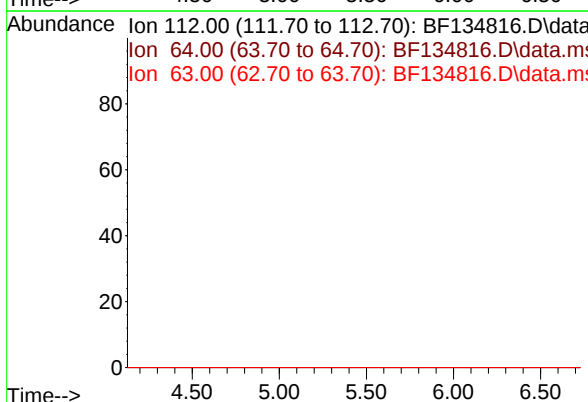
Sig	Exp Ratio
152	100
150	160.4
115	65.5

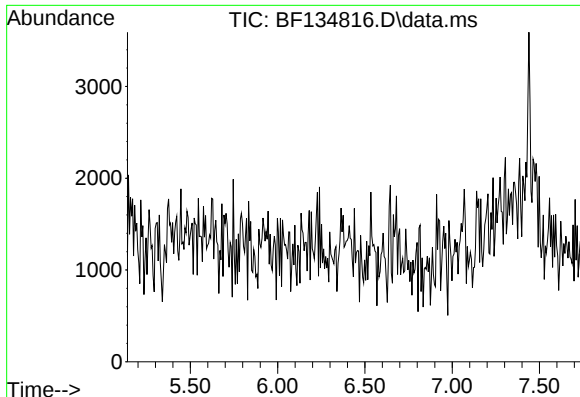


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.43 min
 Lab File: BF134816.D
 Acq: 17 Aug 2023 09:25

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	56.1
63	31.7



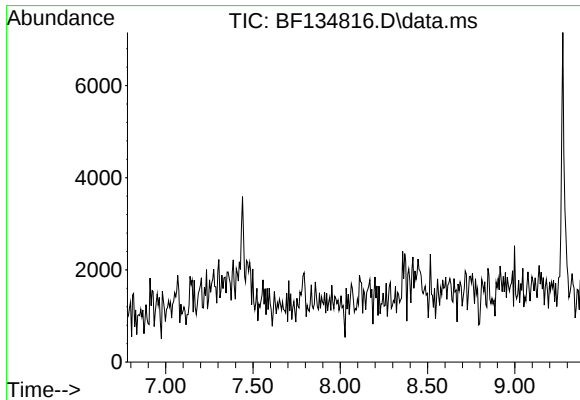
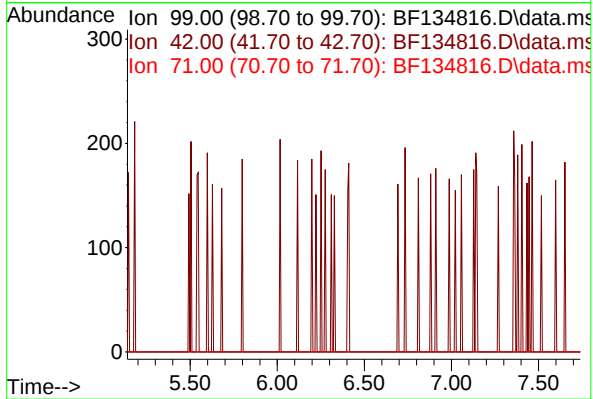


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.44 min
 Lab File: BF134816.D
 Acq: 17 Aug 2023 09:25

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 99

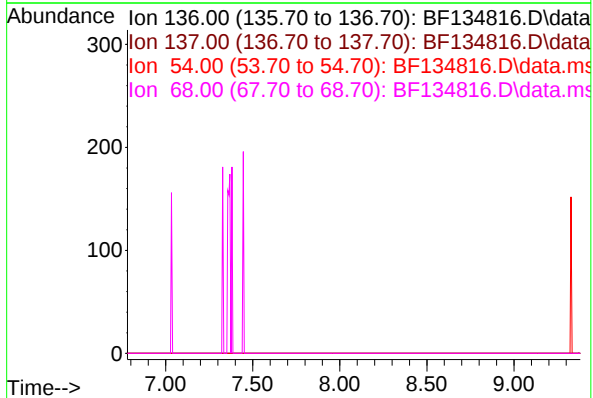
Sig	Exp Ratio
99	100
42	23.4
71	45.5

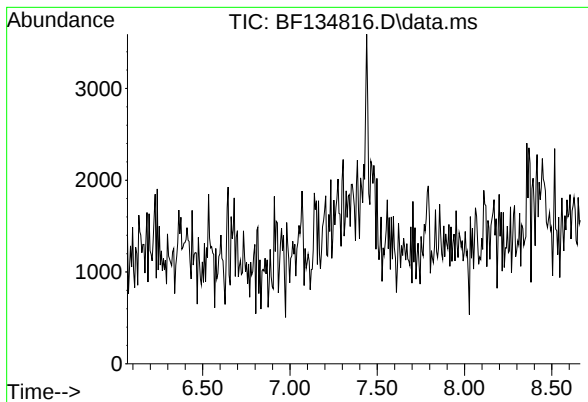


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 8.08 min
 Lab File: BF134816.D
 Acq: 17 Aug 2023 09:25

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	10.5
54	6.5
68	3.6



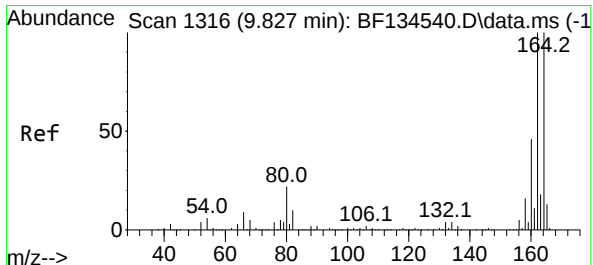
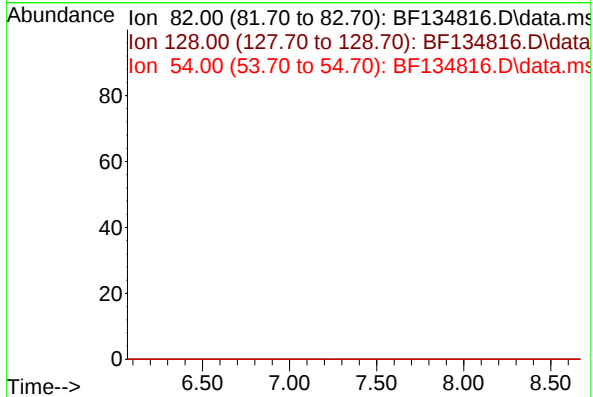


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.37 min
 Lab File: BF134816.D
 Acq: 17 Aug 2023 09:25

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 82

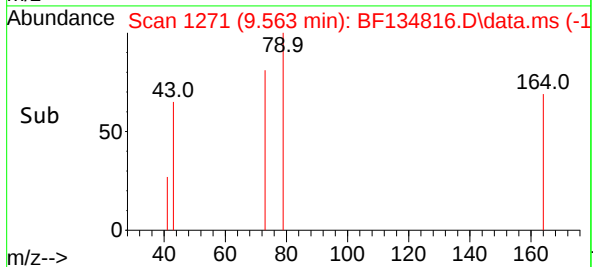
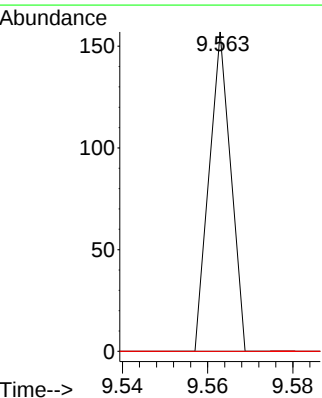
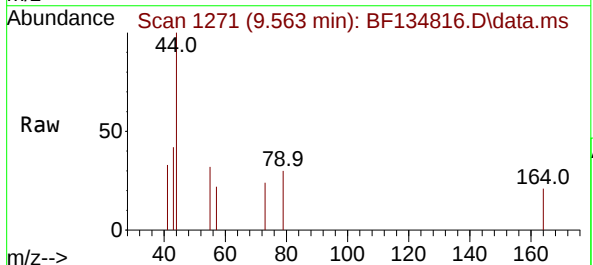
Sig	Exp Ratio
82	100
128	42.9
54	54.7

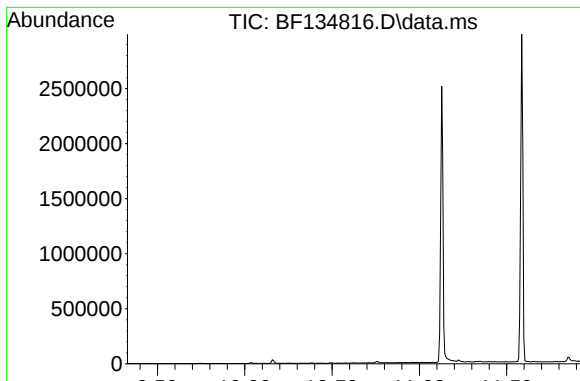


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.563 min Scan# 1271
 Delta R.T. -0.270 min
 Lab File: BF134816.D
 Acq: 17 Aug 2023 09:25

Tgt Ion: 164 Resp: 55

Ion	Ratio	Lower	Upper
164	100		
162	0.0	82.6	123.8#
160	0.0	37.2	55.8#



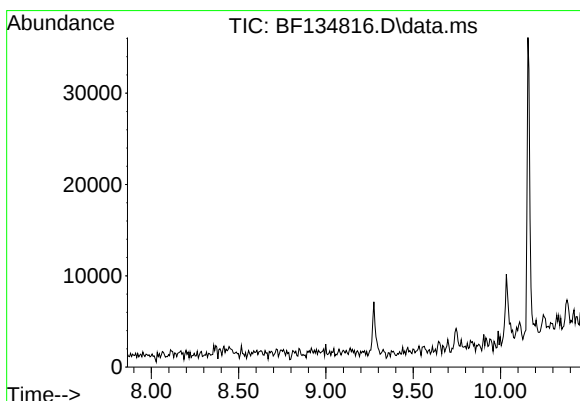
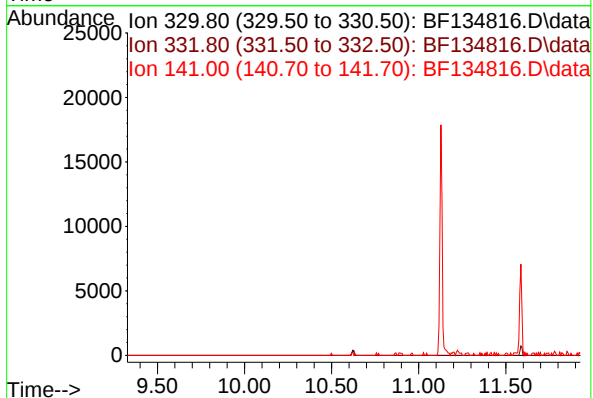


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.63 min
 Lab File: BF134816.D
 Acq: 17 Aug 2023 09:25

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 330

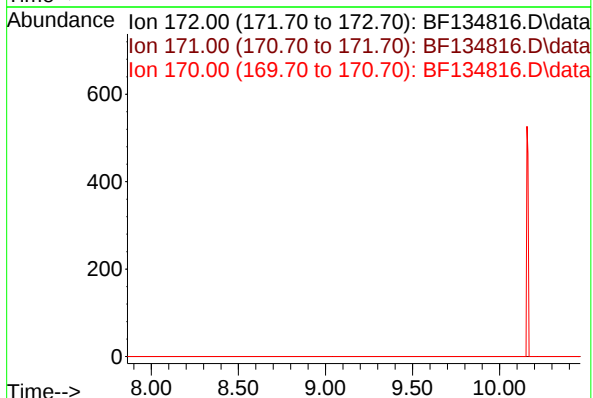
Sig	Exp Ratio
330	100
332	98.5
141	31.8

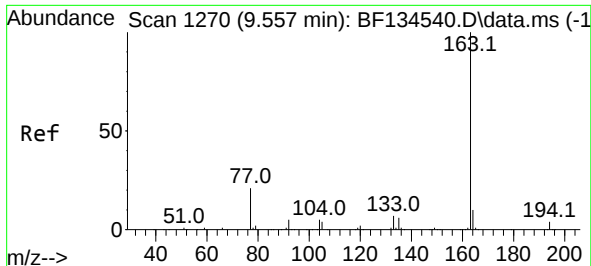


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.16 min
 Lab File: BF134816.D
 Acq: 17 Aug 2023 09:25

Tgt Ion: 172

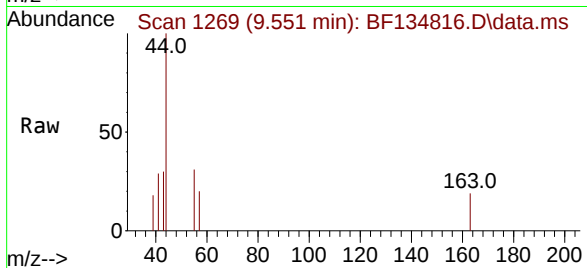
Sig	Exp Ratio
172	100
171	36.0
170	23.4



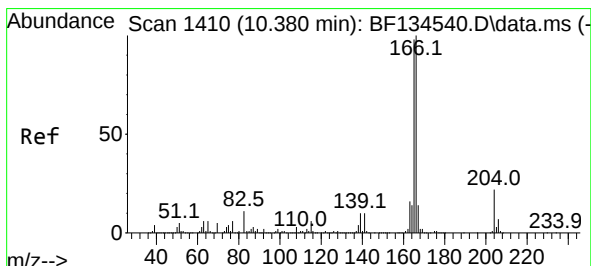
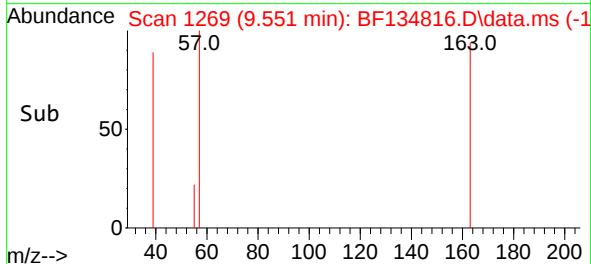
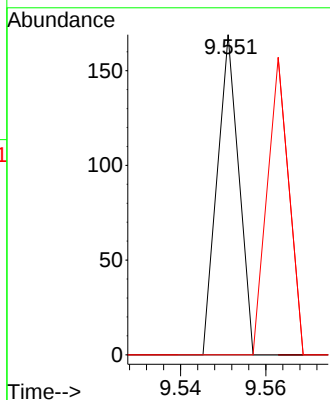


#50
Dimethylphthalate
Concen: 16.006 ng
RT: 9.551 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

Instrument :
BNA_F
ClientSampleId :
DFTPP

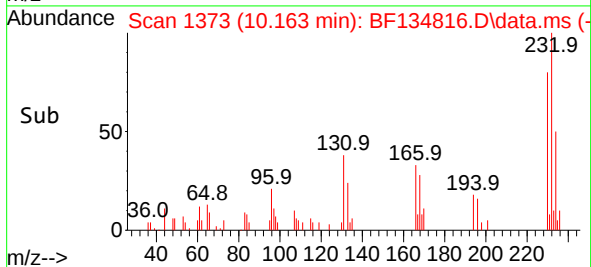
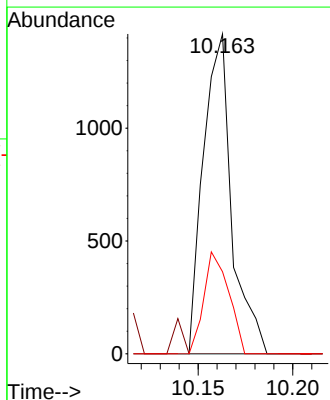
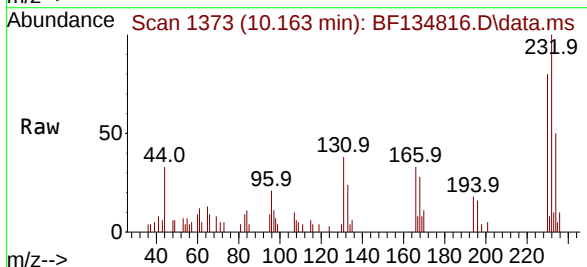


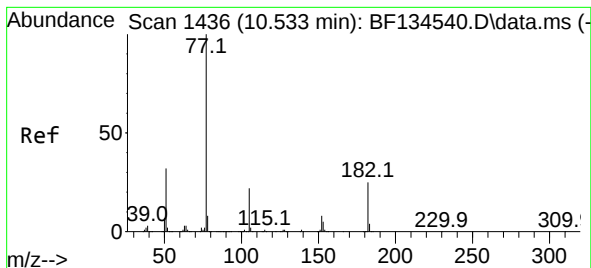
Tgt Ion:163 Resp: 60
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 0.0 7.5 11.3#



#58
Fluorene
Concen: 436.045 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.223 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

Tgt Ion:166 Resp: 1476
Ion Ratio Lower Upper
166 100
165 0.0 74.5 111.7#
167 25.7 10.6 16.0#





#63

Azobenzene

Concen: 32.743 ng

RT: 10.251 min Scan# 11

Delta R.T. -0.288 min

Lab File: BF134816.D

Acq: 17 Aug 2023 09:25

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 77 Resp: 125

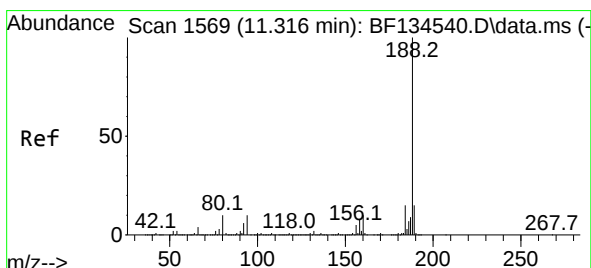
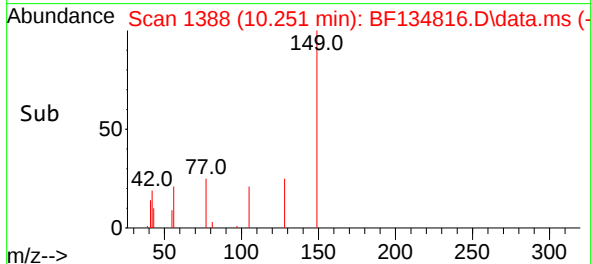
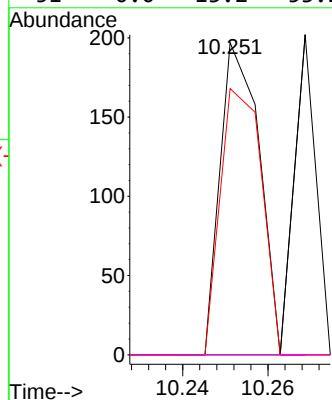
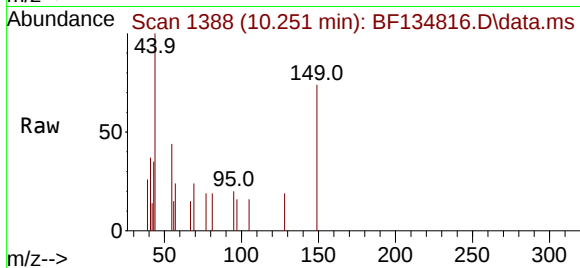
Ion Ratio Lower Upper

77 100

182 0.0 7.5 47.5#

105 85.3 1.9 41.9#

51 0.0 13.2 53.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.128 min Scan# 1537

Delta R.T. -0.194 min

Lab File: BF134816.D

Acq: 17 Aug 2023 09:25

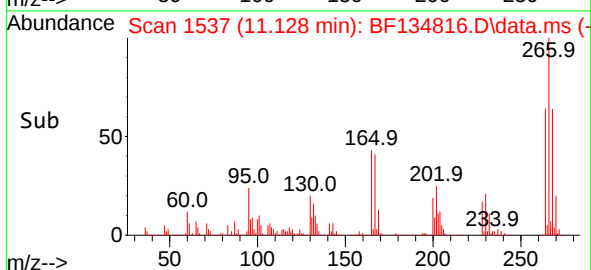
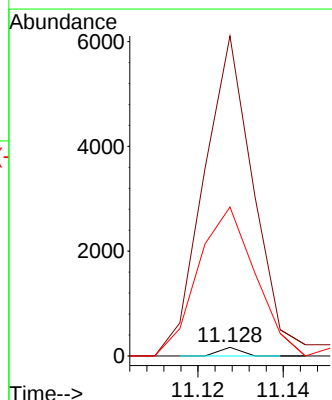
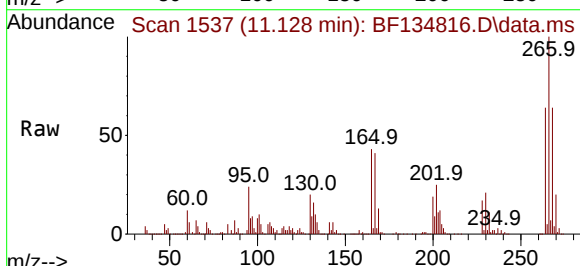
Tgt Ion:188 Resp: 59

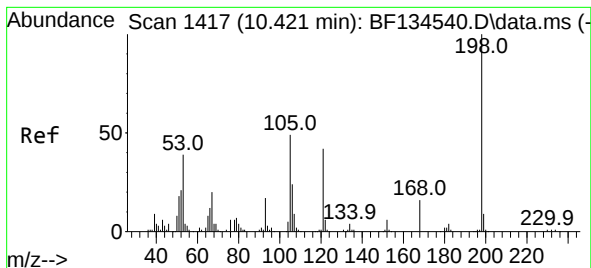
Ion Ratio Lower Upper

188 100

94 3678.9 5.1 7.7#

80 1712.7 6.6 9.8#

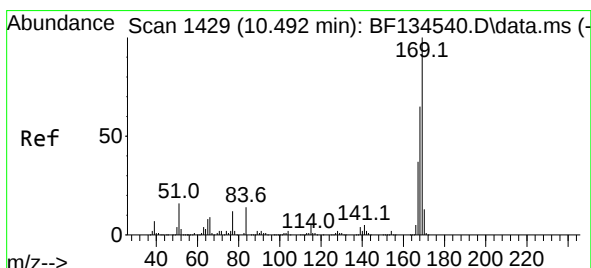
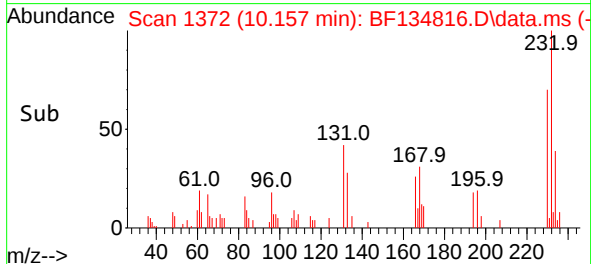
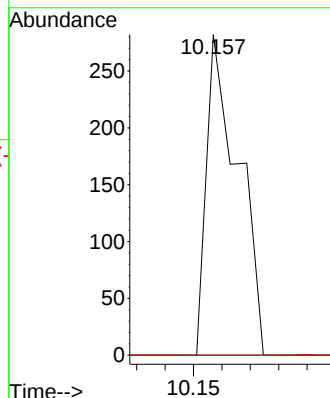
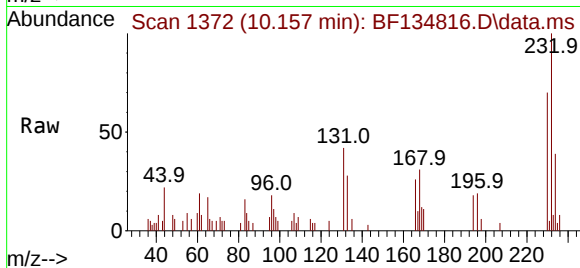




#65
4,6-Dinitro-2-methylphenol
Concen: 760.635 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.282 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

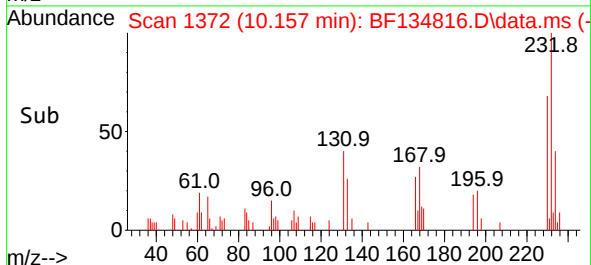
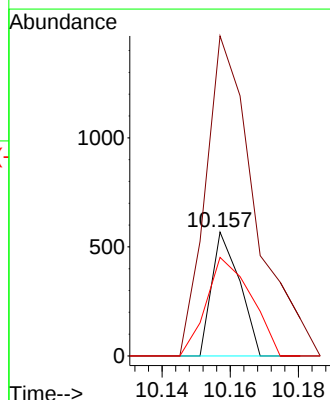
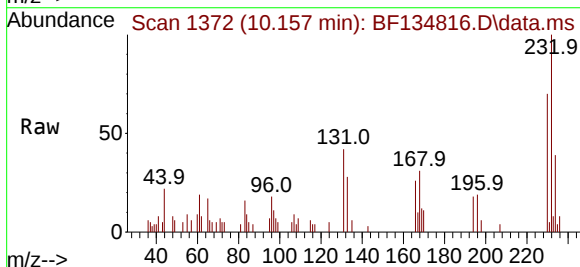
Instrument :
BNA_F
ClientSampleId :
DFTPP

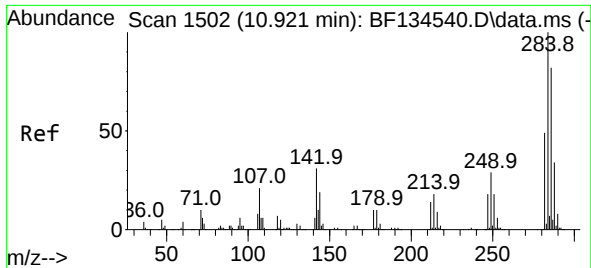
Tgt Ion:198 Resp: 219
Ion Ratio Lower Upper
198 100
51 0.0 38.6 78.6#
105 0.0 27.9 67.9#



#66
n-Nitrosodiphenylamine
Concen: 171.466 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.347 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

Tgt Ion:169 Resp: 322
Ion Ratio Lower Upper
169 100
168 258.3 52.6 78.8#
167 79.6 29.8 44.8#

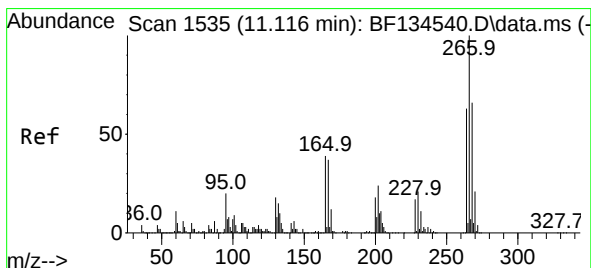
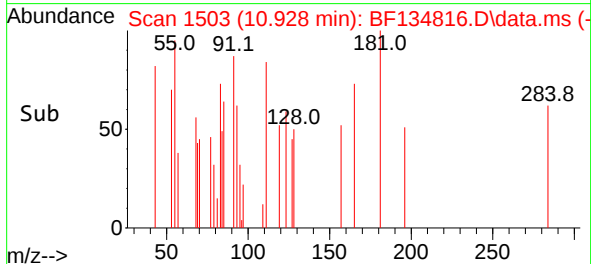
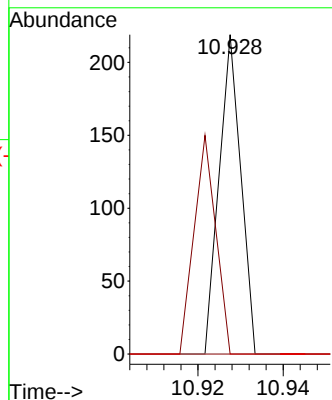
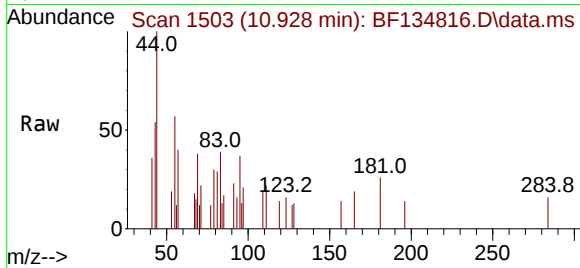




#68
Hexachlorobenzene
Concen: 112.900 ng
RT: 10.928 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

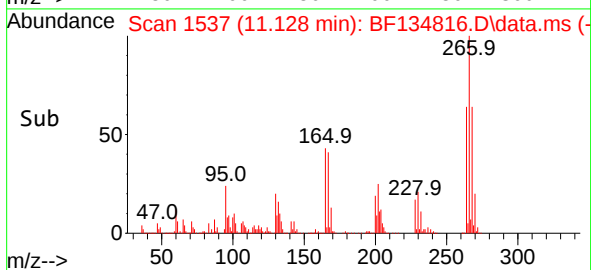
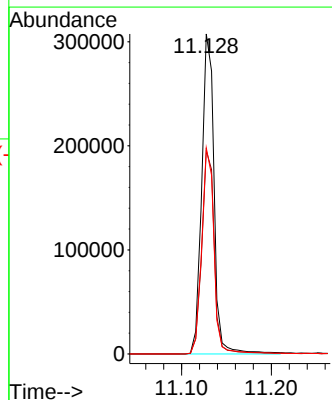
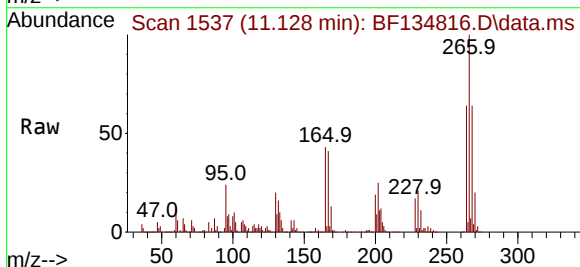
Instrument :
BNA_F
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DFTPP

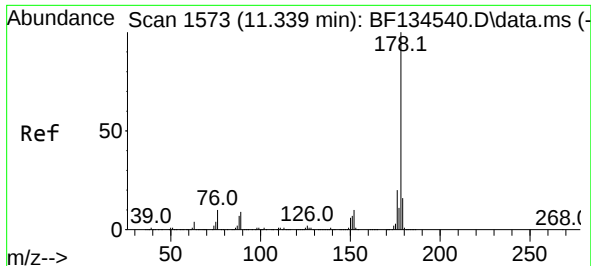
Tgt Ion:284 Resp: 77
Ion Ratio Lower Upper
284 100
142 0.0 26.5 39.7#
249 0.0 23.8 35.8#



#70
Pentachlorophenol
Concen: 695153.371 ng
RT: 11.128 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

Tgt Ion:266 Resp: 293552
Ion Ratio Lower Upper
266 100
268 63.6 52.9 79.3
264 64.4 47.8 71.6

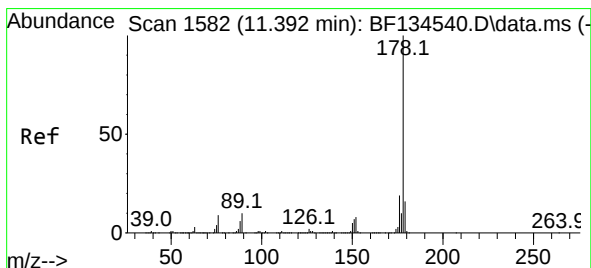
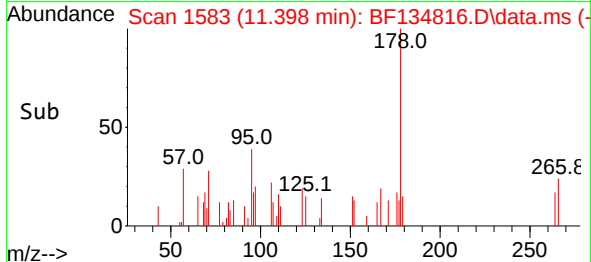
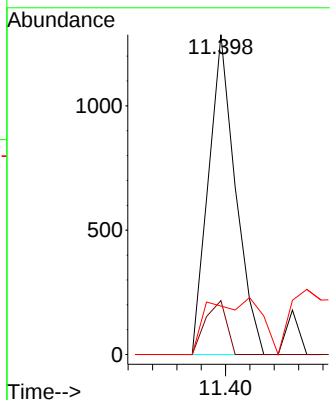
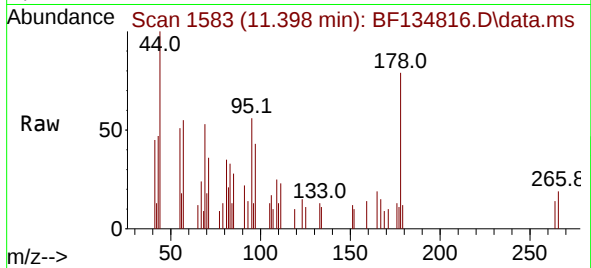




#71
Phenanthrene
Concen: 315.906 ng
RT: 11.398 min Scan# 1573
Delta R.T. 0.047 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

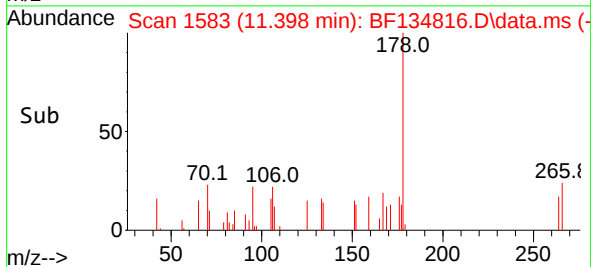
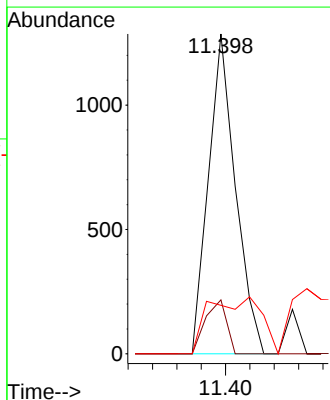
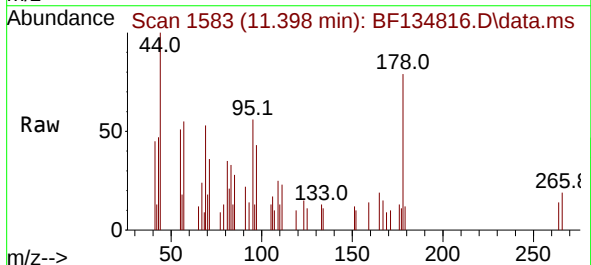
Instrument :
BNA_F
ClientSampleId :
DFTPP

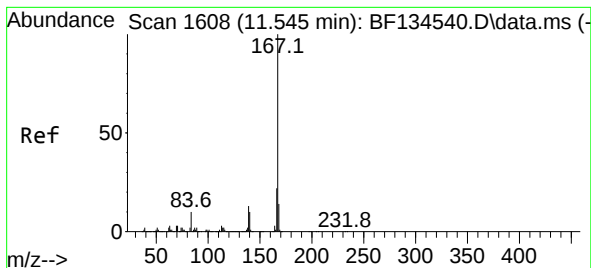
Tgt Ion:	178	Resp:	990
Ion Ratio	Lower	Upper	
178	100		
176	16.9	15.8	23.6
179	15.2	12.7	19.1



#72
Anthracene
Concen: 309.273 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

Tgt Ion:	178	Resp:	990
Ion Ratio	Lower	Upper	
178	100		
176	16.9	14.6	21.8
179	15.2	12.3	18.5





#73

Carbazole

Concen: 5216.334 ng

RT: 11.586 min Scan# 1615

Delta R.T. 0.030 min

Lab File: BF134816.D

Acq: 17 Aug 2023 09:25

Instrument :

BNA_F

ClientSampleId :

DFTPP

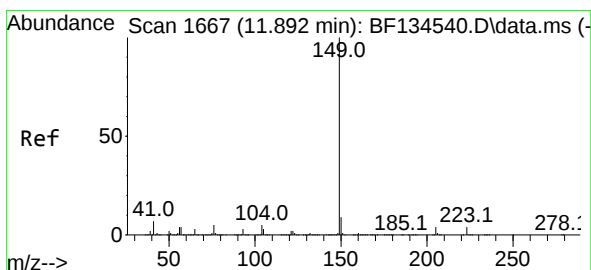
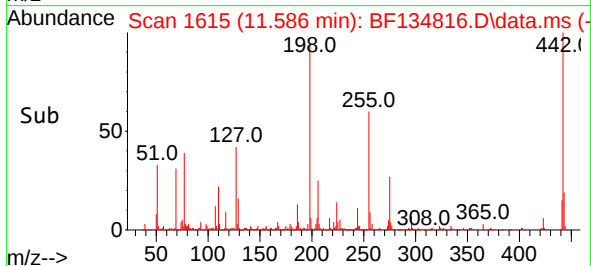
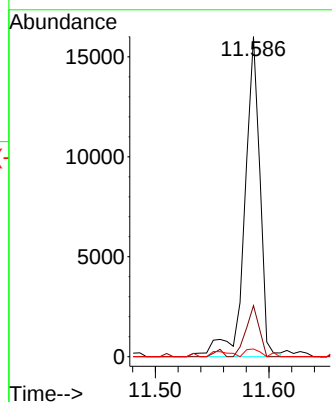
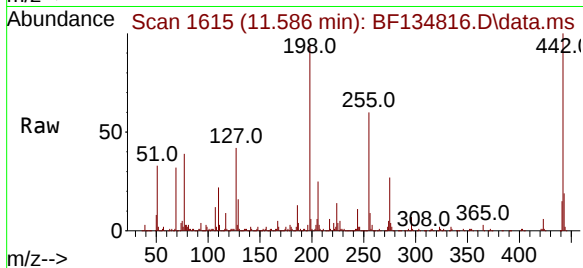
Tgt Ion:167 Resp: 14909

Ion Ratio Lower Upper

167 100

166 15.9 17.5 26.3#

139 2.4 11.0 16.4#



#74

Di-n-butylphthalate

Concen: 37.544 ng

RT: 11.716 min Scan# 1637

Delta R.T. -0.182 min

Lab File: BF134816.D

Acq: 17 Aug 2023 09:25

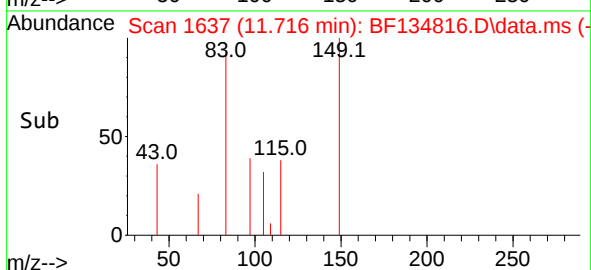
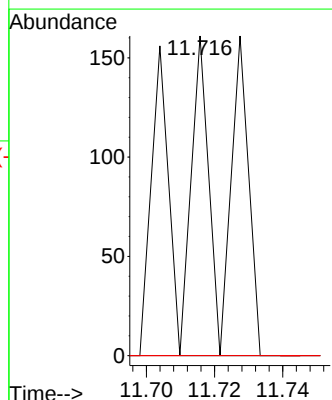
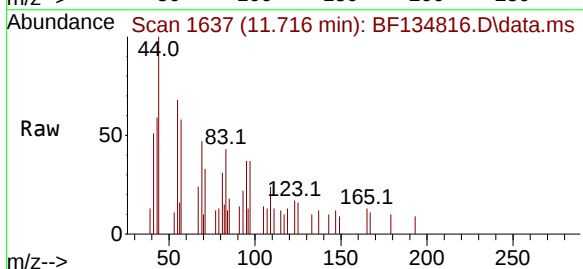
Tgt Ion:149 Resp: 114

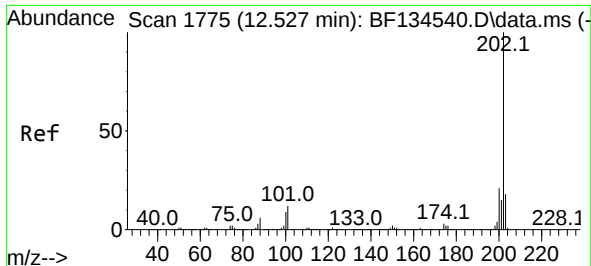
Ion Ratio Lower Upper

149 100

150 0.0 7.2 10.8#

104 0.0 3.8 5.8#

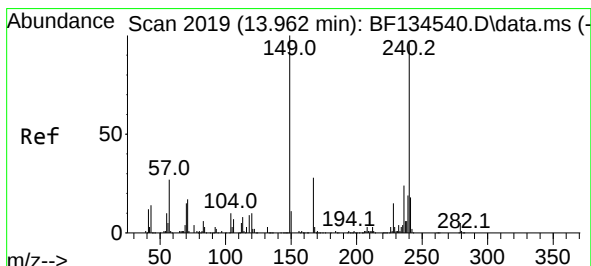
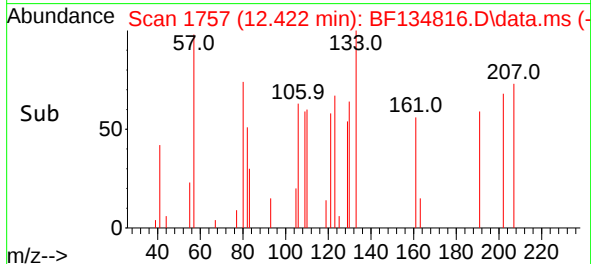
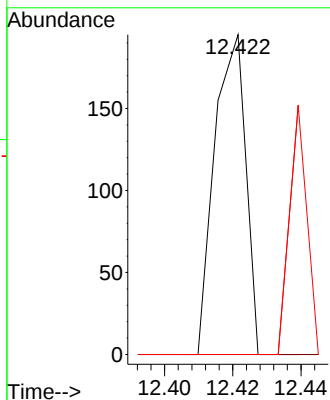
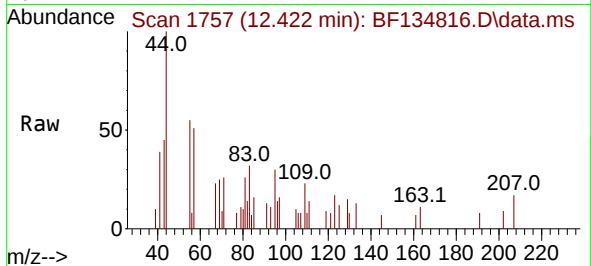




#75
Fluoranthene
Concen: 37.157 ng
RT: 12.422 min Scan# 11
Delta R.T. -0.118 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

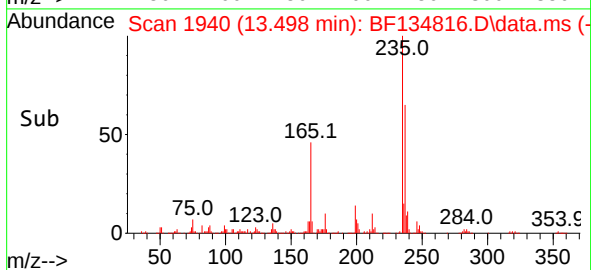
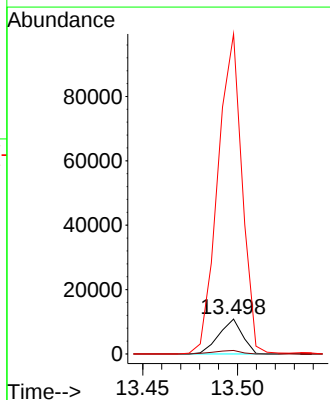
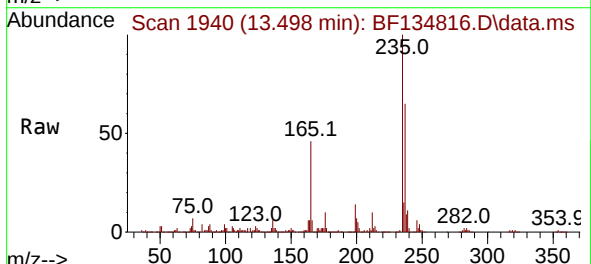
Instrument :
BNA_F
ClientSampleId :
DFTPP

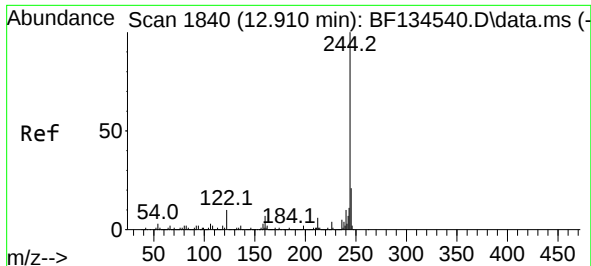
Tgt Ion:202	Resp:	123
Ion Ratio	Lower	Upper
202	100	
101	0.0	28.5
203	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.498 min Scan# 1940
Delta R.T. -0.476 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

Tgt Ion:240	Resp:	9317
Ion Ratio	Lower	Upper
240	100	
120	9.9	10.0
236	916.5	30.2#

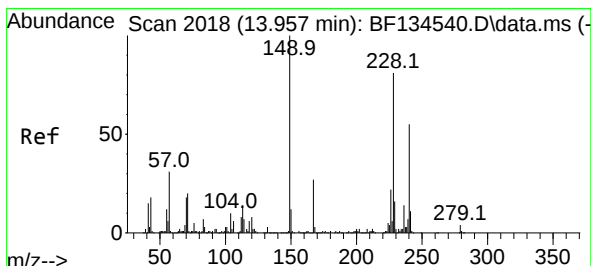
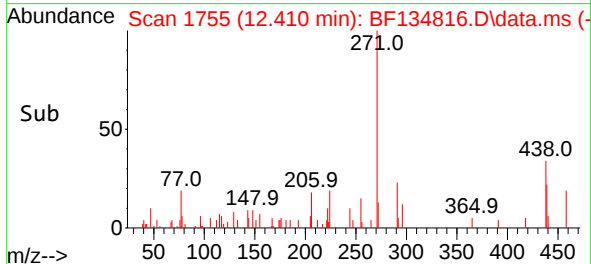
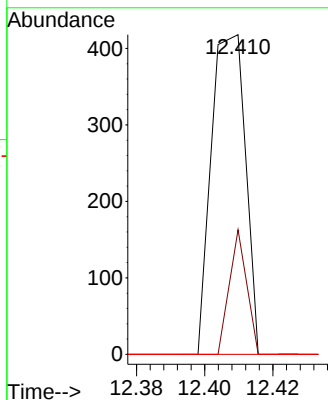
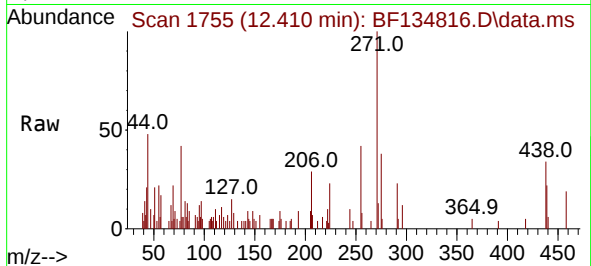




#79
 Terphenyl-d14
 Concen: 0.549 ng
 RT: 12.410 min Scan# 11
 Delta R.T. -0.512 min
 Lab File: BF134816.D
 Acq: 17 Aug 2023 09:25

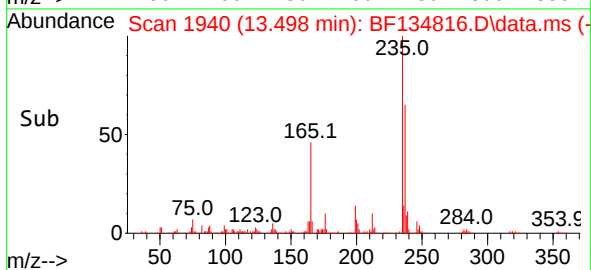
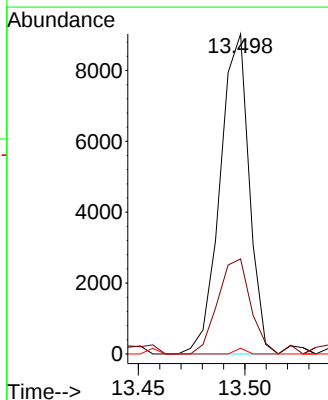
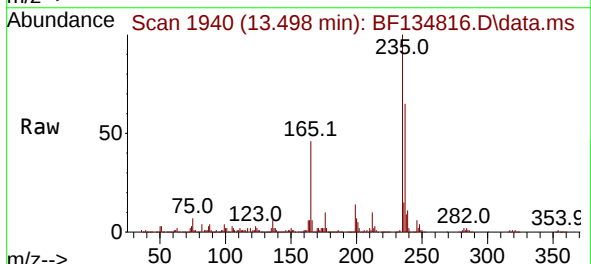
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

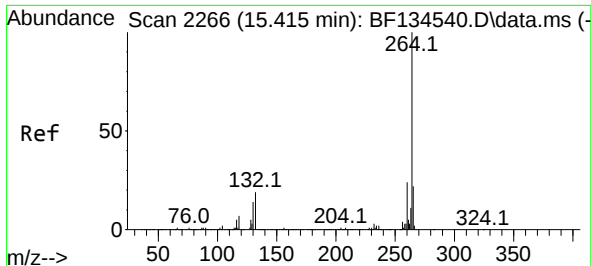
Tgt Ion:244 Resp: 290
 Ion Ratio Lower Upper
 244 100
 212 39.0 5.6 8.4#
 122 0.0 8.0 12.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 26.791 ng
 RT: 13.498 min Scan# 1940
 Delta R.T. -0.465 min
 Lab File: BF134816.D
 Acq: 17 Aug 2023 09:25

Tgt Ion:149 Resp: 8595
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.6 32.4
 279 1.8 3.5 5.3#

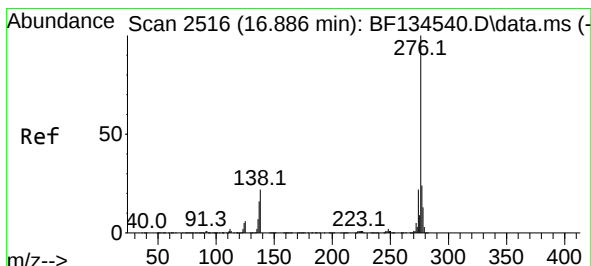
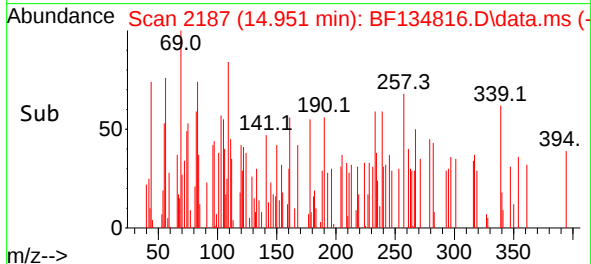
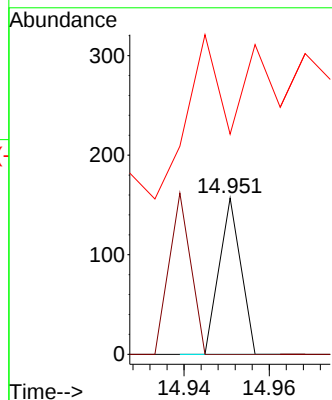
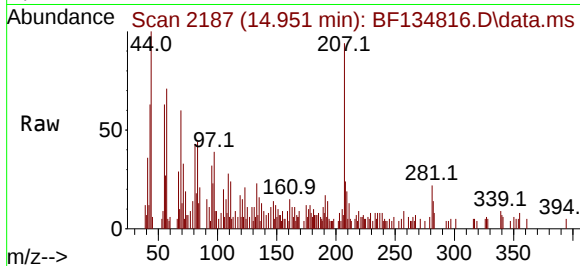




#86
Perylene-d12
Concen: 20.000 ng
RT: 14.951 min Scan# 2187
Delta R.T. -0.488 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

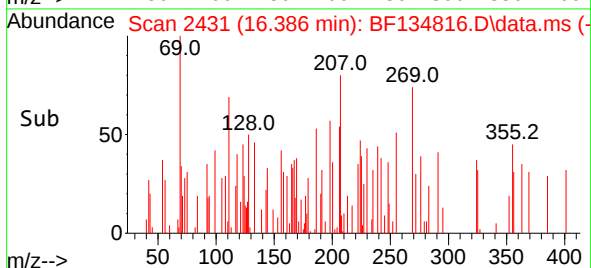
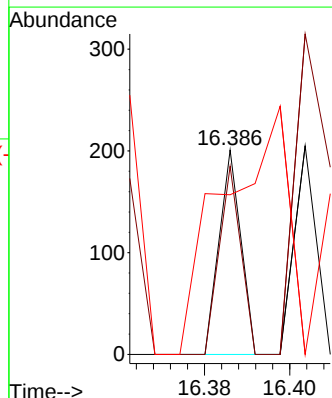
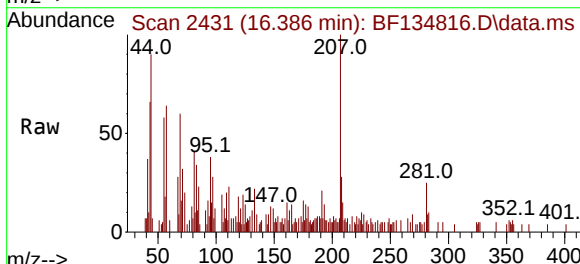
Instrument :
BNA_F
ClientSampleId :
DFTPP

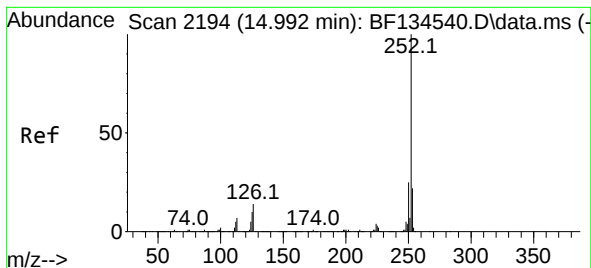
Tgt Ion:264 Resp: 55
Ion Ratio Lower Upper
264 100
260 0.0 18.4 27.6#
265 140.8 15.8 23.8#



#87
Indeno(1,2,3-cd)pyrene
Concen: 21.950 ng
RT: 16.386 min Scan# 2431
Delta R.T. -0.541 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

Tgt Ion:276 Resp: 71
Ion Ratio Lower Upper
276 100
138 91.5 14.2 21.4#
277 0.0 19.9 29.9#





#88

Benzo(b)fluoranthene

Concen: 22.955 ng

RT: 14.574 min Scan# 2123

Delta R.T. -0.435 min

Lab File: BF134816.D

Acq: 17 Aug 2023 09:25

Instrument :

BNA_F

ClientSampleId :

DFTPP

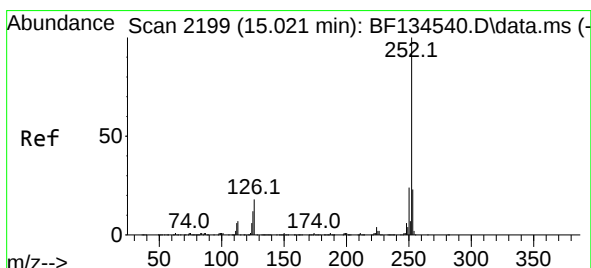
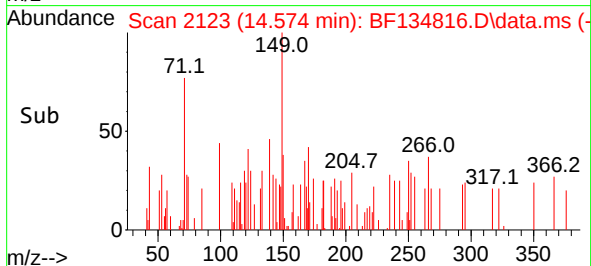
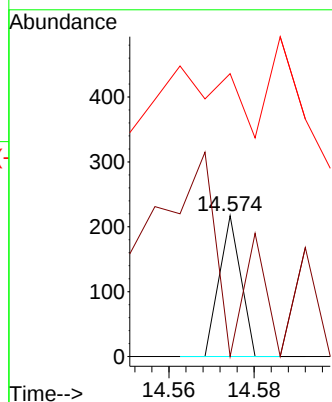
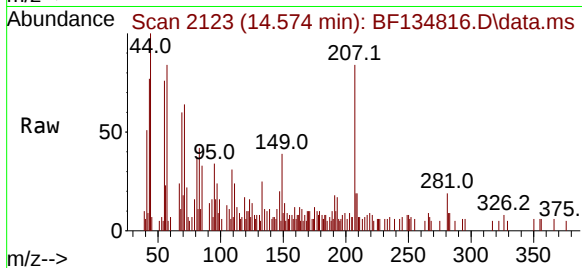
Tgt Ion:252 Resp: 77

Ion Ratio Lower Upper

252 100

253 0.0 17.3 25.9#

125 200.9 6.0 9.0#



#89

Benzo(k)fluoranthene

Concen: 23.043 ng

RT: 14.574 min Scan# 2123

Delta R.T. -0.465 min

Lab File: BF134816.D

Acq: 17 Aug 2023 09:25

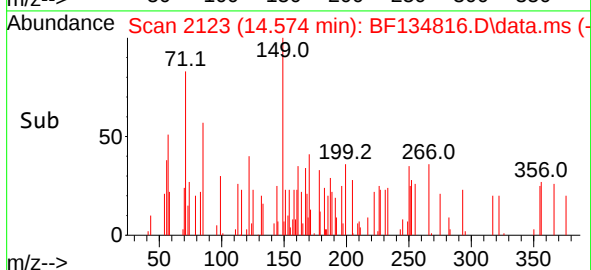
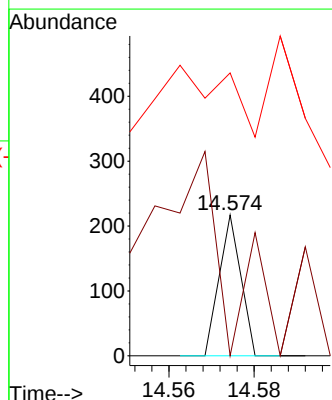
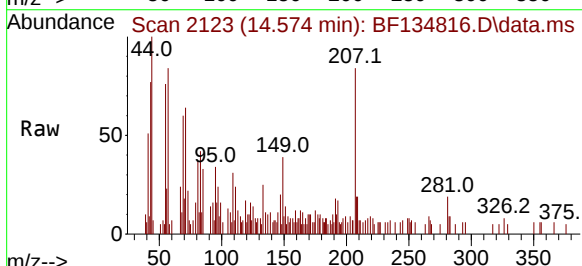
Tgt Ion:252 Resp: 77

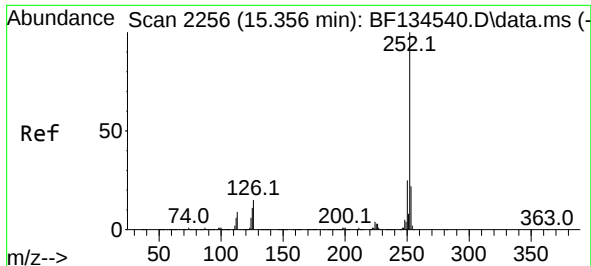
Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

125 200.9 6.3 9.5#

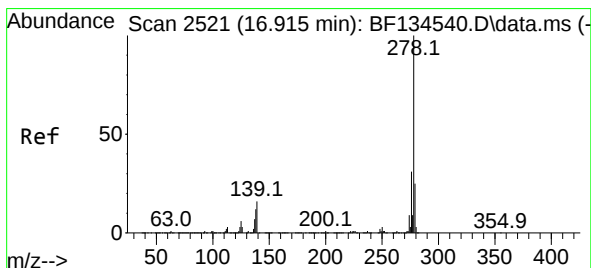
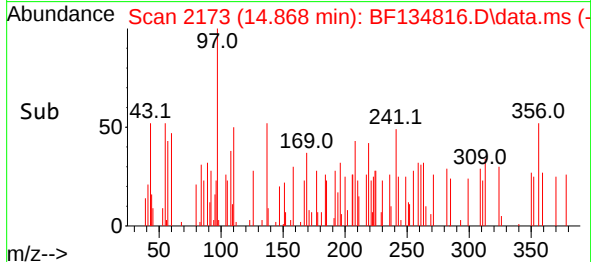
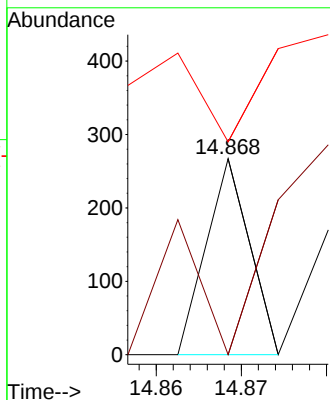
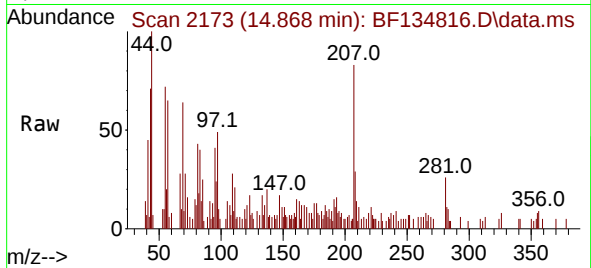




#90
Benzo(a)pyrene
Concen: 30.055 ng
RT: 14.868 min Scan# 2173
Delta R.T. -0.512 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

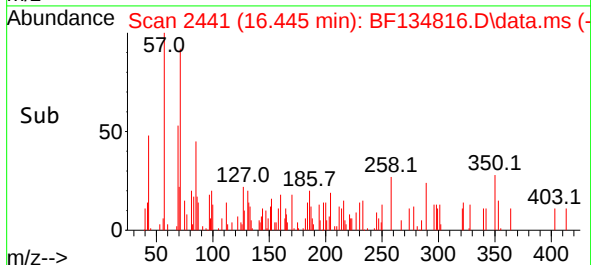
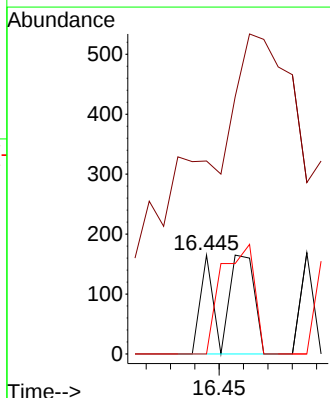
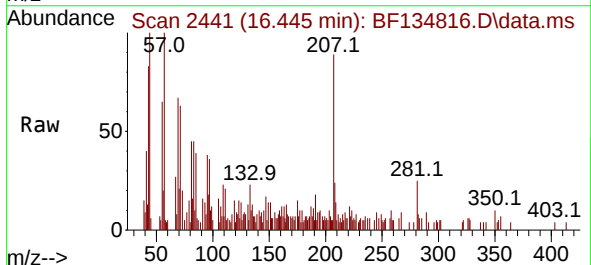
Instrument :
BNA_F
ClientSampleId :
DFTPP

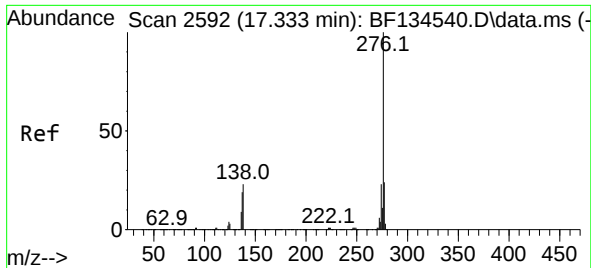
Tgt Ion:252 Resp: 94
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.4#
125 108.6 6.2 9.4#



#91
Dibenzo(a,h)anthracene
Concen: 66.179 ng
RT: 16.445 min Scan# 2441
Delta R.T. -0.506 min
Lab File: BF134816.D
Acq: 17 Aug 2023 09:25

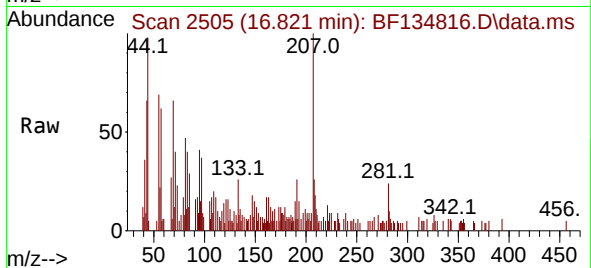
Tgt Ion:278 Resp: 173
Ion Ratio Lower Upper
278 100
139 195.2 10.0 15.0#
279 0.0 19.7 29.5#





#92
 Benzo(g,h,i)perylene
 Concen: 51.002 ng
 RT: 16.821 min Scan# 21
 Delta R.T. -0.553 min
 Lab File: BF134816.D
 Acq: 17 Aug 2023 09:25

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP



Tgt Ion:	276	Resp:	136
Ion Ratio	Lower	Upper	
276	100		
277	80.5	19.0	28.6#
138	0.0	12.2	18.2#

