

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124239.D
 Acq On : 10 Jun 2021 18:43
 Operator : JU/CG
 Sample : M2658-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-WALL-1

Quant Time: Jun 11 01:25:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

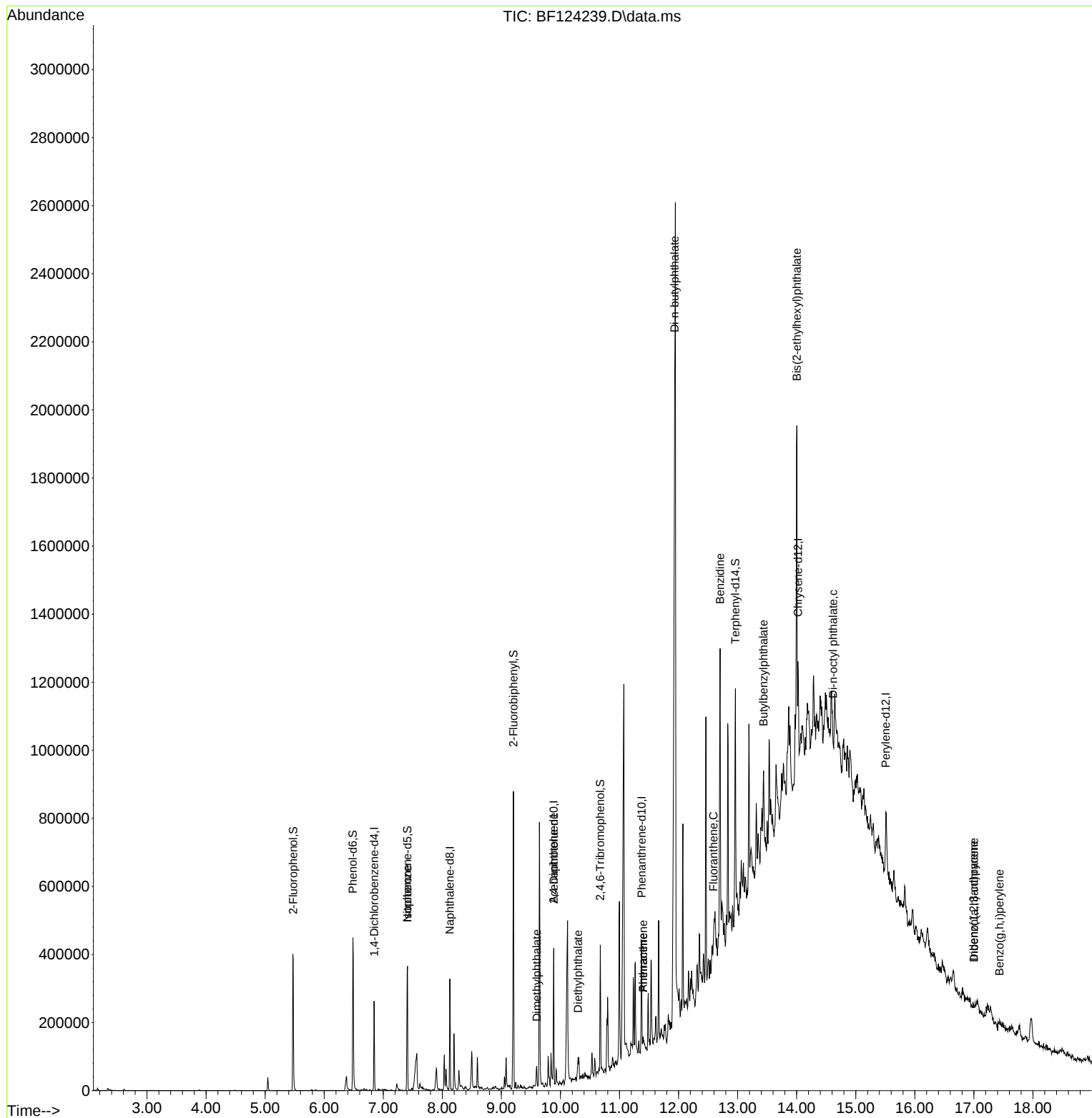
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	29948	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	113015	20.00	ng	0.00
39) Acenaphthene-d10	9.886	164	64632	20.00	ng	0.00
64) Phenanthrene-d10	11.374	188	90873	20.00	ng	0.00
76) Chrysene-d12	14.021	240	68691	20.00	ng	# 0.00
86) Perylene-d12	15.509	264	67886	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	94758	47.63	ng	0.00
7) Phenol-d6	6.487	99	123571	46.21	ng	-0.01
23) Nitrobenzene-d5	7.410	82	104042	36.51	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	35132	38.37	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	202276	39.38	ng	0.00
79) Terphenyl-d14	12.963	244	152585	30.50	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.410	82	104040	20.26	ng	# 69
50) Dimethylphthalate	9.598	163	14645	2.74	ng	# 98
57) 2,4-Dinitrotoluene	9.886	165	8423	5.21	ng	# 23
60) Diethylphthalate	10.298	149	14935	2.77	ng	99
71) Phenanthrene	11.398	178	13559	2.39	ng	96
72) Anthracene	11.398	178	13559	2.37	ng	96
74) Di-n-butylphthalate	11.933	149	78788	12.31	ng	99
75) Fluoranthene	12.592	202	19058	3.20	ng	89
77) Benzidine	12.704	184	1177	4.73	ng	# 1
80) Butylbenzylphthalate	13.439	149	35535	13.28	ng	# 97
84) Bis(2-ethylhexyl)phtha...	14.004	149	280260	88.05	ng	96
85) Di-n-octyl phthalate	14.615	149	15935	3.75	ng	# 67
87) Indeno(1,2,3-cd)pyrene	16.998	276	528	4.42	ng	# 1
91) Dibenzo(a,h)anthracene	17.003	278	461	4.26	ng	# 1
92) Benzo(g,h,i)perylene	17.433	276	953	3.99	ng	# 79

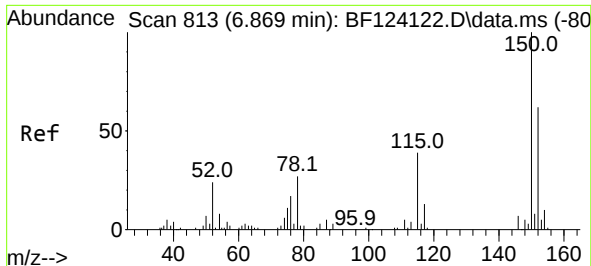
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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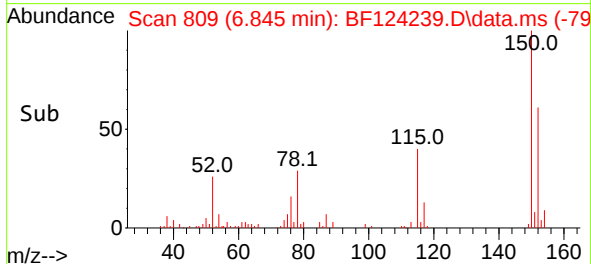
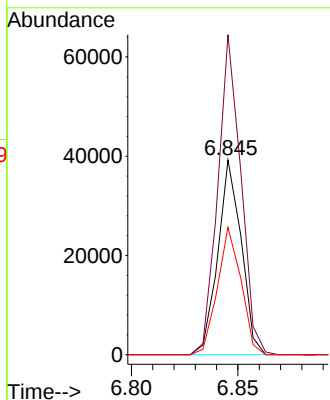
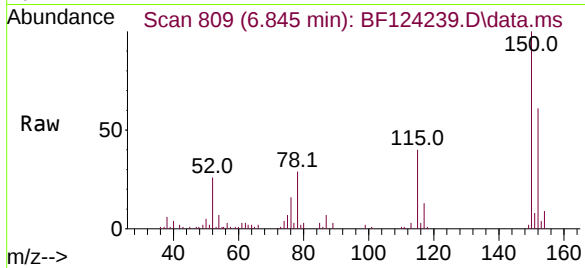




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

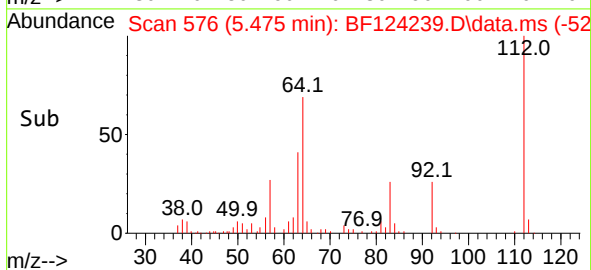
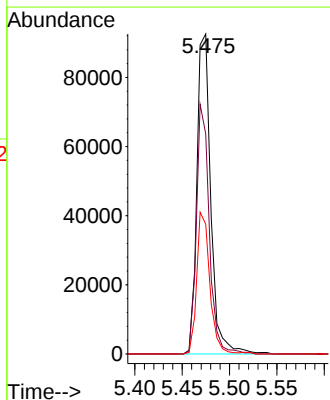
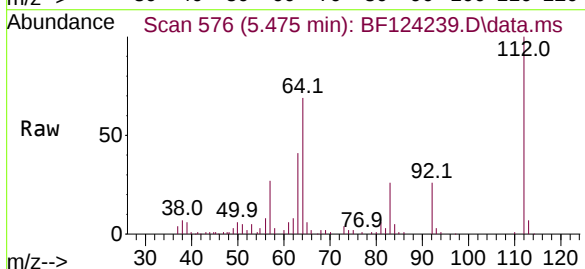
Instrument :
BNA_F
ClientSampleId :
G-WALL-1

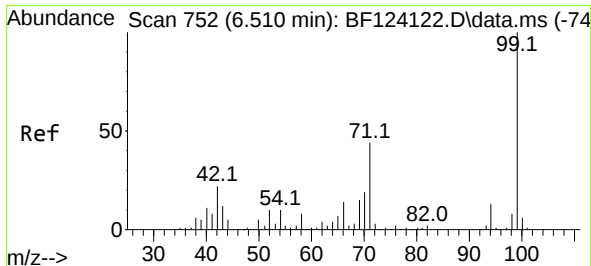
Tgt Ion:152 Resp: 29948
Ion Ratio Lower Upper
152 100
150 164.3 127.0 190.6
115 65.4 54.3 81.5



#5
2-Fluorophenol
Concen: 47.63 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

Tgt Ion:112 Resp: 94758
Ion Ratio Lower Upper
112 100
64 68.8 61.4 92.0
63 40.5 33.0 49.4

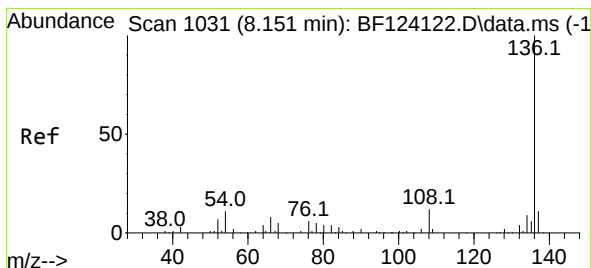
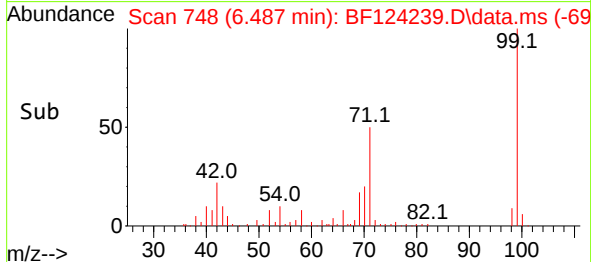
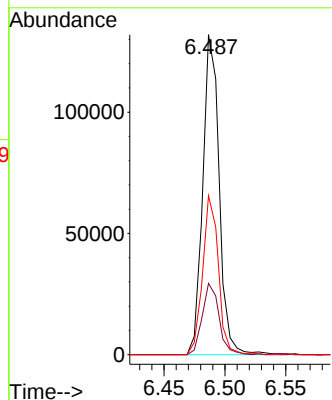
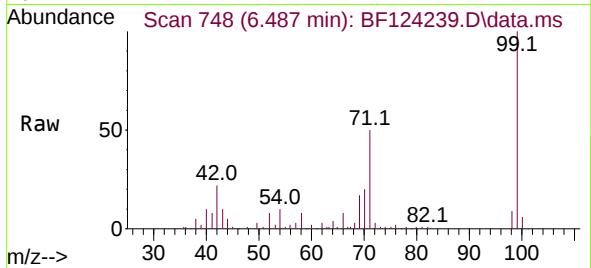




#7
Phenol-d6
Concen: 46.21 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

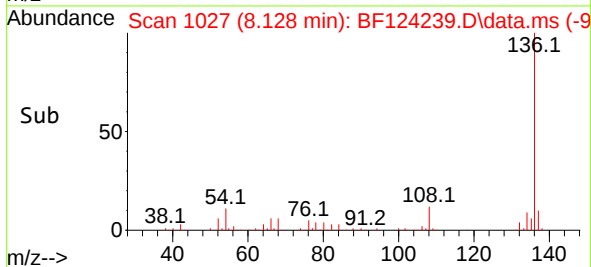
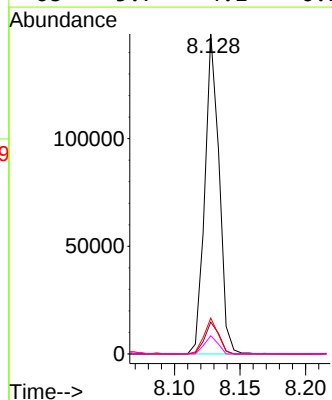
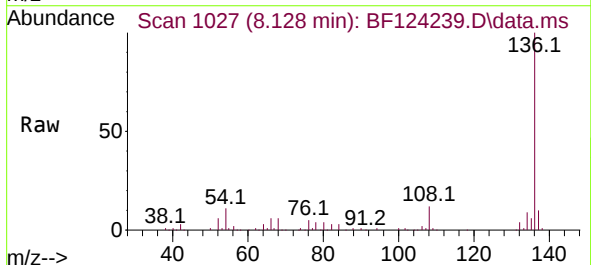
Instrument :
BNA_F
ClientSampled :
G-WALL-1

Tgt Ion: 99 Resp: 123571
Ion Ratio Lower Upper
99 100
42 22.3 19.8 29.8
71 49.7 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

Tgt Ion: 136 Resp: 113015
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 11.2 9.8 14.6
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 36.51 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF124239.D

Acq: 10 Jun 2021 18:43

Instrument :

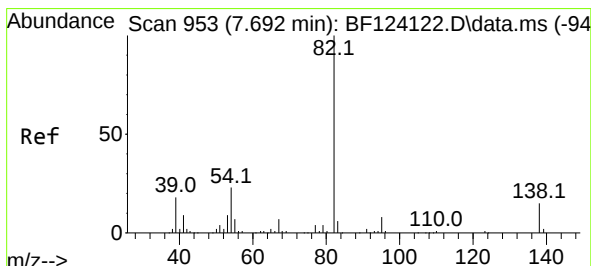
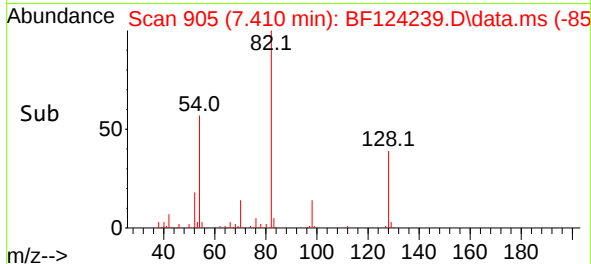
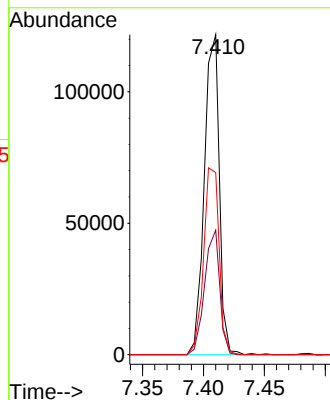
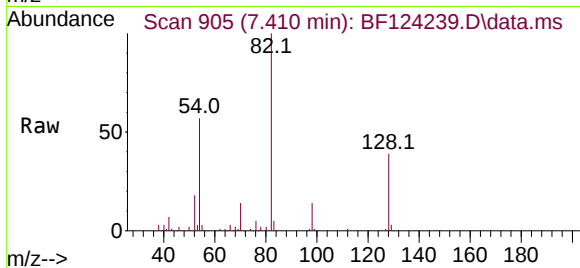
BNA_F

ClientSampleId :

G-WALL-1

Tgt Ion: 82 Resp: 104042

Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.4	44.2
54	56.9	54.1	81.1



#25

Isophorone

Concen: 20.26 ng

RT: 7.410 min Scan# 905

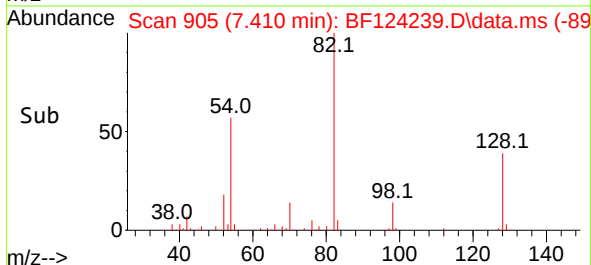
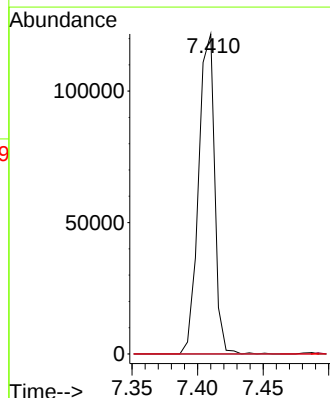
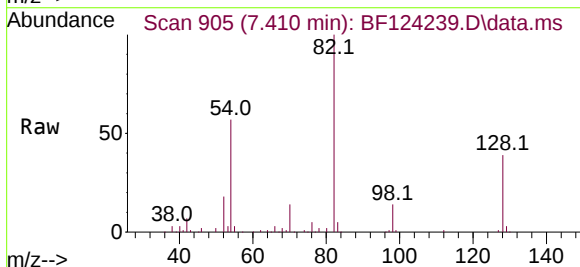
Delta R.T. -0.265 min

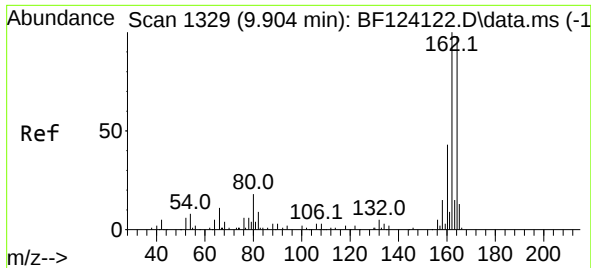
Lab File: BF124239.D

Acq: 10 Jun 2021 18:43

Tgt Ion: 82 Resp: 104040

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

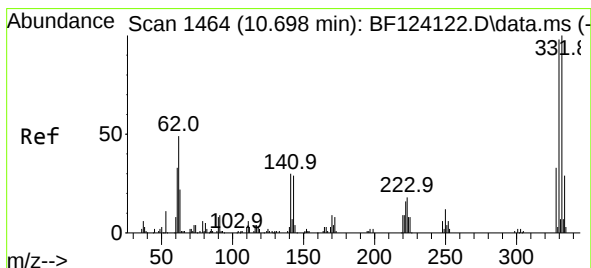
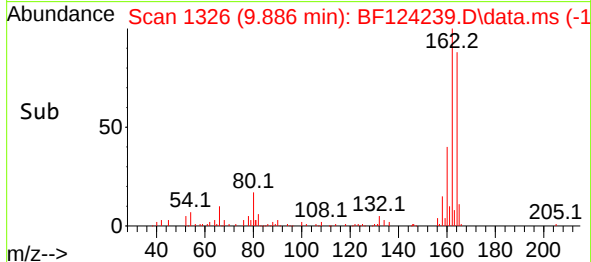
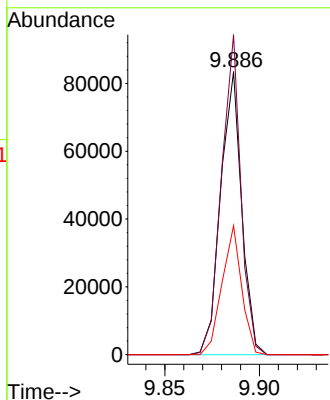
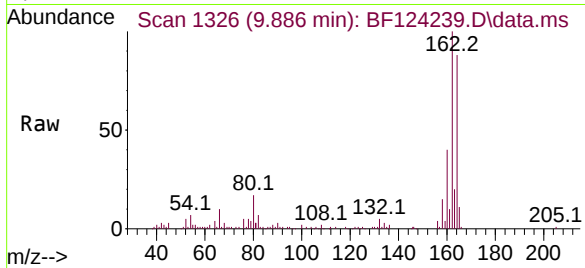




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

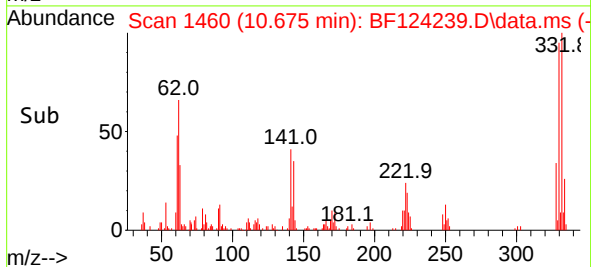
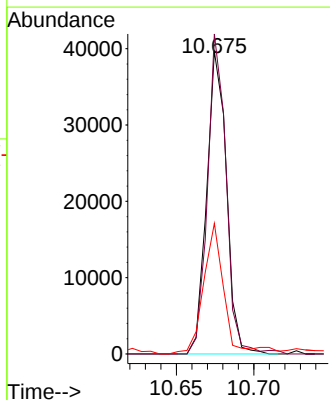
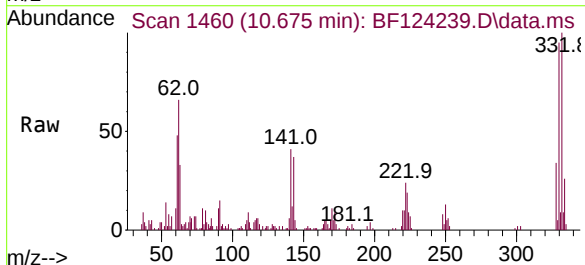
Instrument :
BNA_F
ClientSampleId :
G-WALL-1

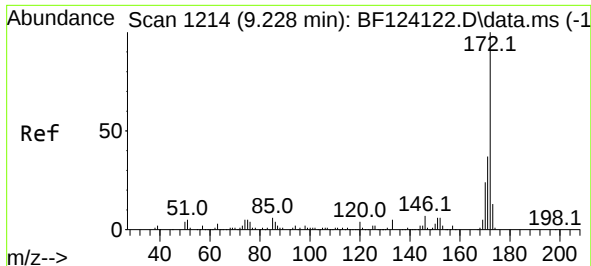
Tgt Ion:164 Resp: 64632
Ion Ratio Lower Upper
164 100
162 113.0 80.7 121.1
160 45.6 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 38.37 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

Tgt Ion:330 Resp: 35132
Ion Ratio Lower Upper
330 100
332 100.0 77.1 115.7
141 42.9 27.9 41.9#

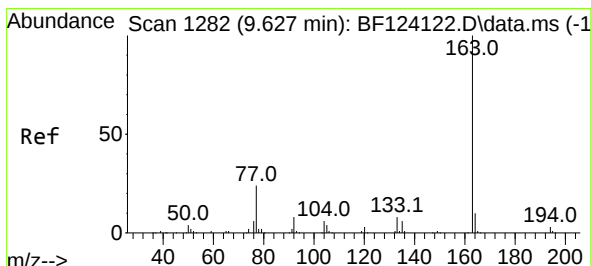
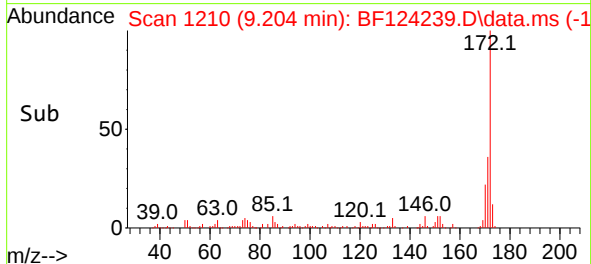
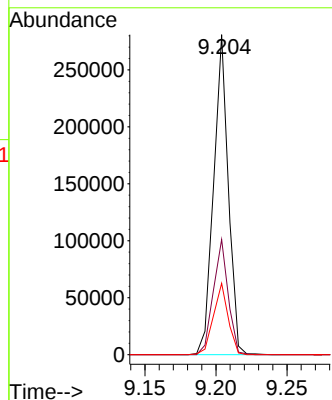
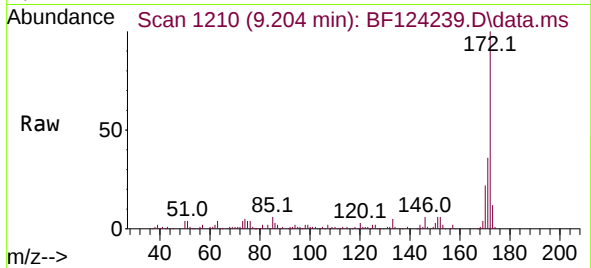




#45
2-Fluorobiphenyl
Concen: 39.38 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

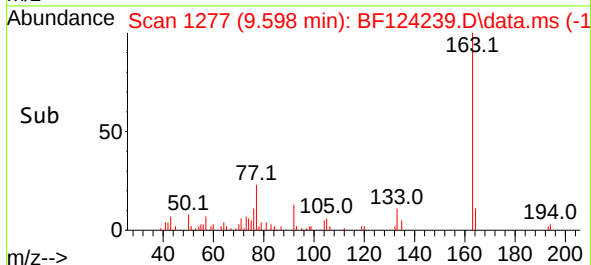
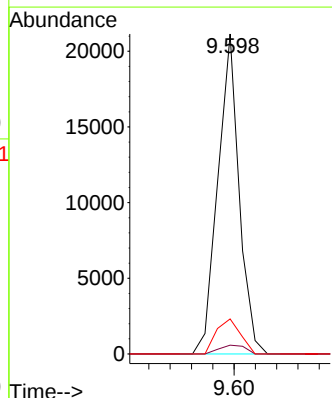
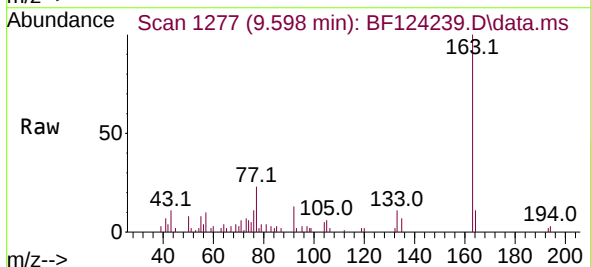
Instrument :
BNA_F
ClientSampleId :
G-WALL-1

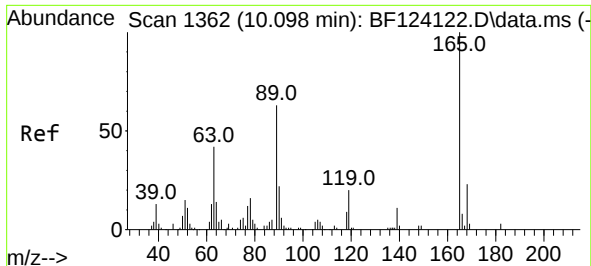
Tgt Ion:172 Resp: 202276
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 22.3 19.2 28.8



#50
Dimethylphthalate
Concen: 2.74 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

Tgt Ion:163 Resp: 14645
Ion Ratio Lower Upper
163 100
194 2.8 3.1 4.7#
164 11.0 8.2 12.2

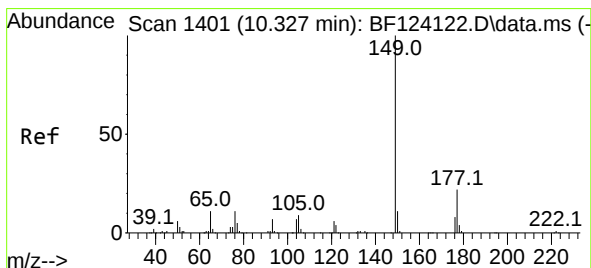
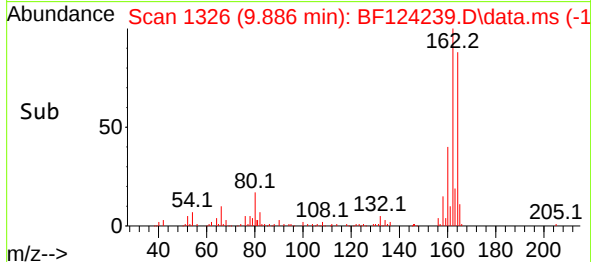
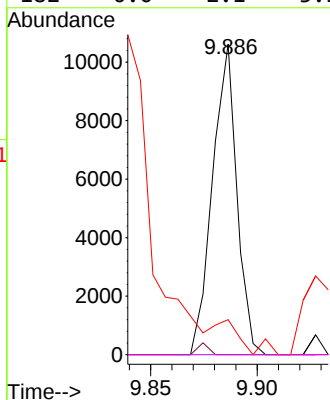
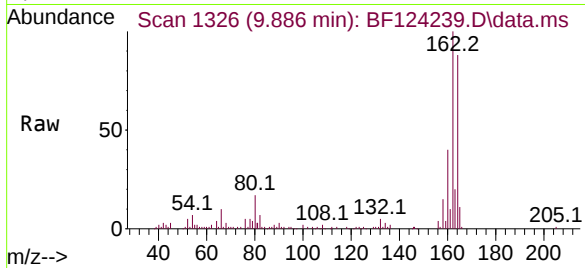




#57
2,4-Dinitrotoluene
Concen: 5.21 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

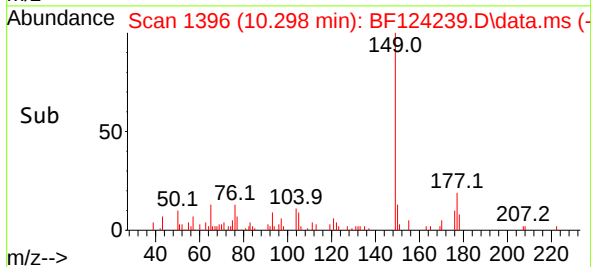
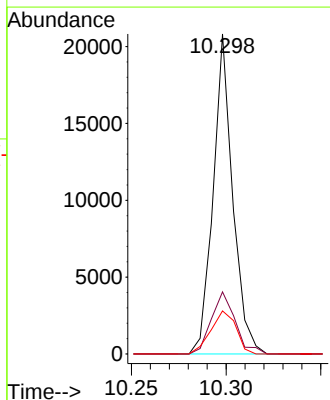
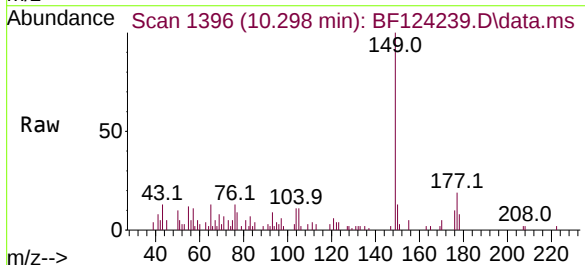
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BNA_F
ClientSampled :
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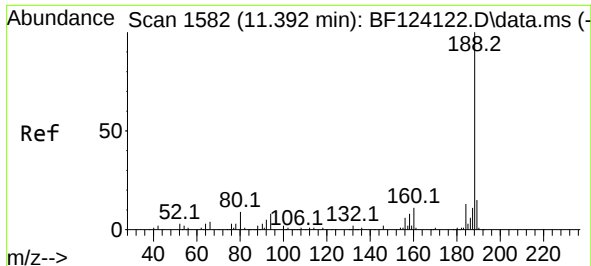
Tgt Ion:165 Resp: 8423
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 11.3 67.7 101.5#
182 0.0 2.1 3.1#



#60
Diethylphthalate
Concen: 2.77 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

Tgt Ion:149 Resp: 14935
Ion Ratio Lower Upper
149 100
177 19.4 15.4 23.2
150 13.4 9.9 14.9

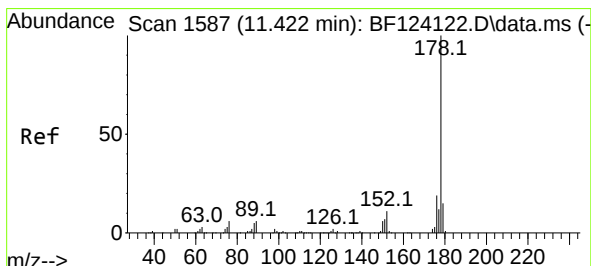
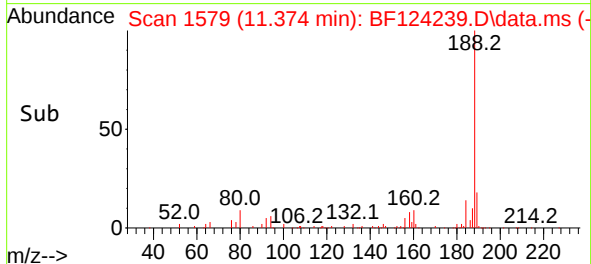
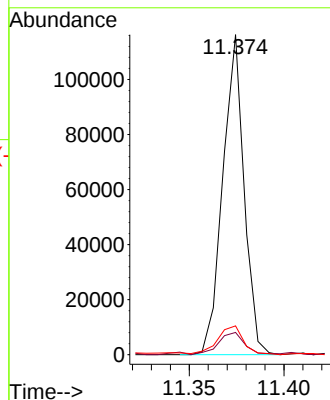
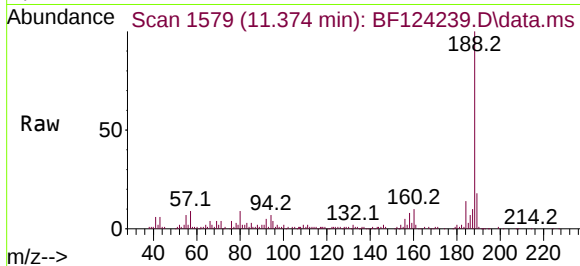




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

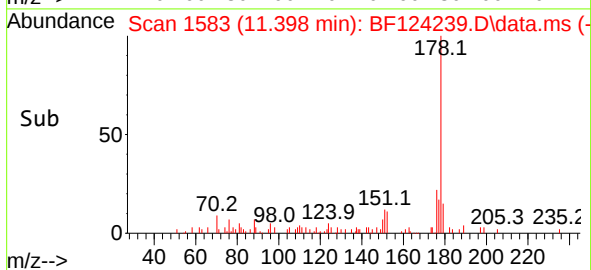
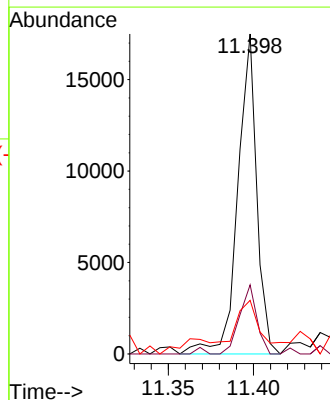
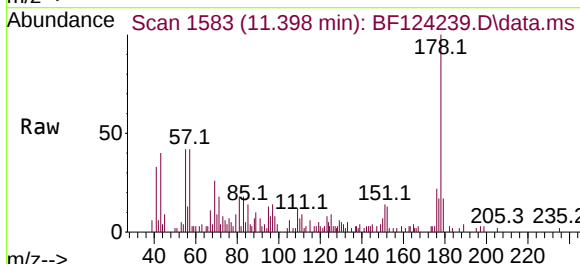
Instrument :
BNA_F
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G-WALL-1

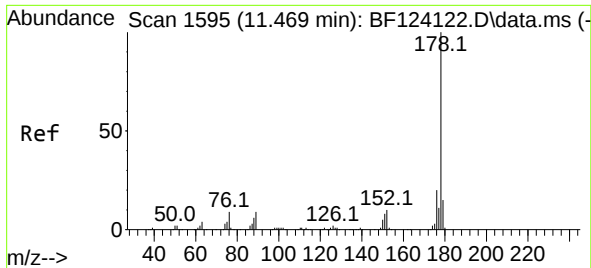
Tgt Ion:188 Resp: 90873
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 9.0 8.2 12.2



#71
Phenanthrene
Concen: 2.39 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

Tgt Ion:178 Resp: 13559
Ion Ratio Lower Upper
178 100
176 21.6 15.6 23.4
179 16.7 12.5 18.7

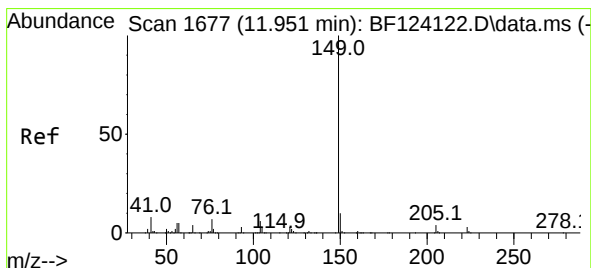
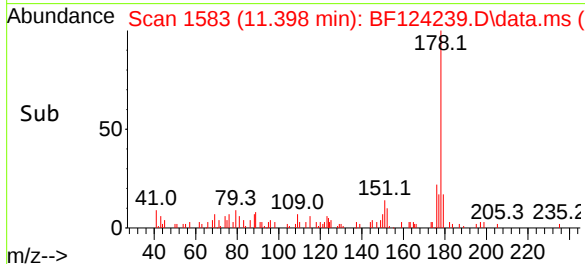
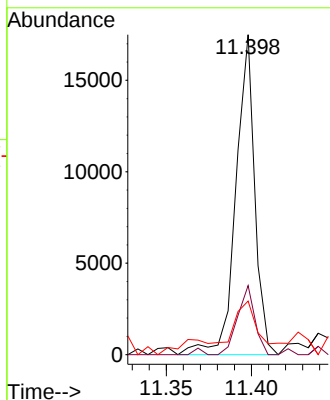
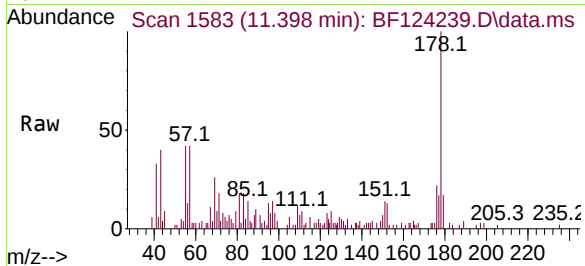




#72
 Anthracene
 Concen: 2.37 ng
 RT: 11.398 min Scan# 1583
 Delta R.T. -0.059 min
 Lab File: BF124239.D
 Acq: 10 Jun 2021 18:43

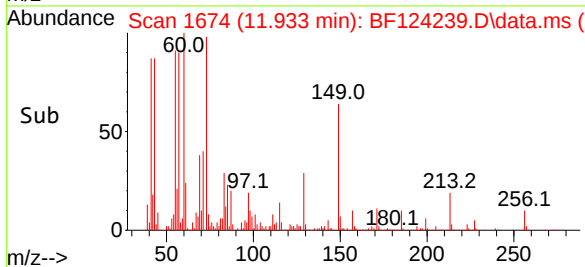
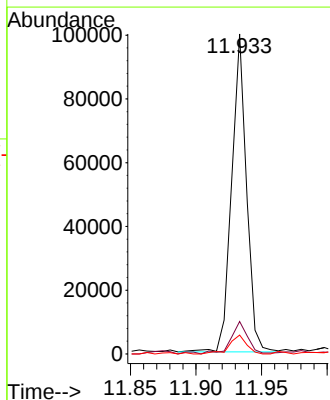
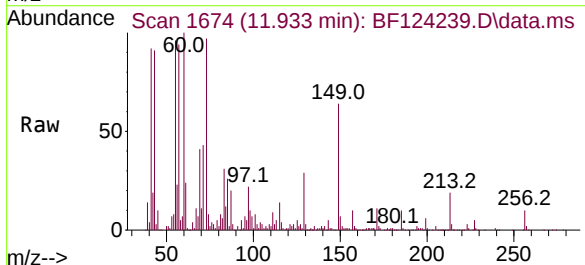
Instrument :
 BNA_F
 ClientSampleId :
 G-WALL-1

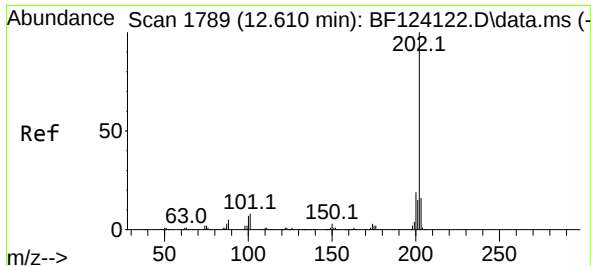
Tgt Ion:178	Resp:	13559
Ion Ratio	Lower	Upper
178	100	
176	21.6	15.4 23.0
179	16.7	12.6 18.8



#74
 Di-n-butylphthalate
 Concen: 12.31 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF124239.D
 Acq: 10 Jun 2021 18:43

Tgt Ion:149	Resp:	78788
Ion Ratio	Lower	Upper
149	100	
150	10.1	7.8 11.8
104	5.9	4.6 6.8

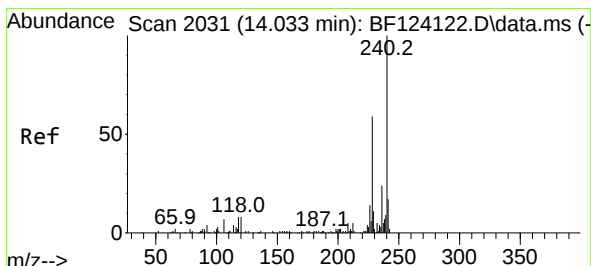
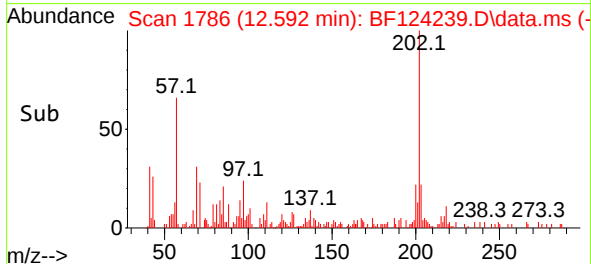
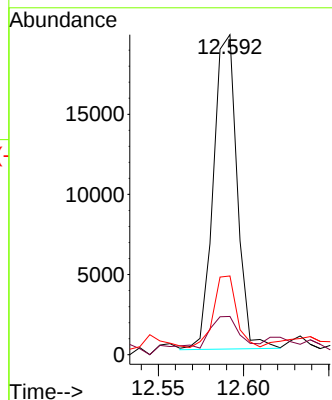
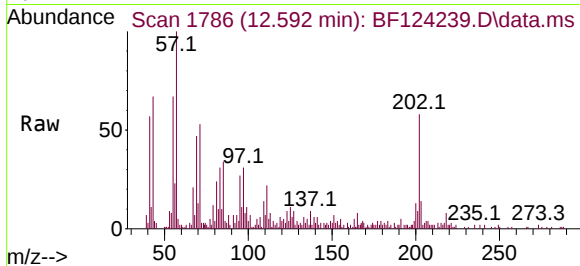




#75
Fluoranthene
Concen: 3.20 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

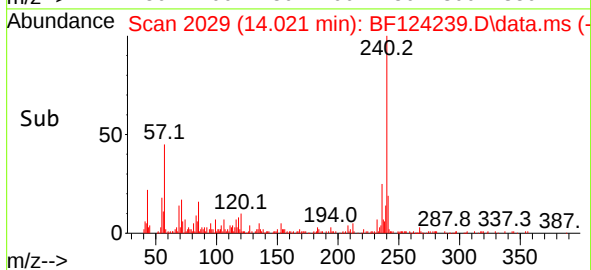
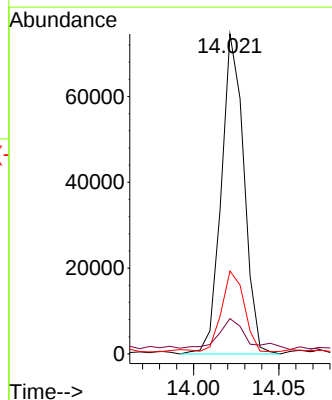
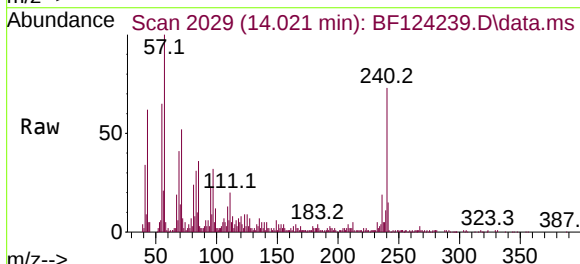
Instrument :
BNA_F
ClientSampled :
G-WALL-1

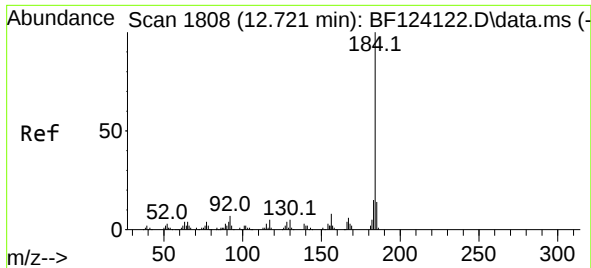
Tgt Ion:	202	Resp:	19058
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	30.9
203	24.6	0.0	37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

Tgt Ion:	240	Resp:	68691
Ion Ratio	Lower	Upper	
240	100		
120	11.1	7.2	10.8#
236	25.9	19.0	28.4

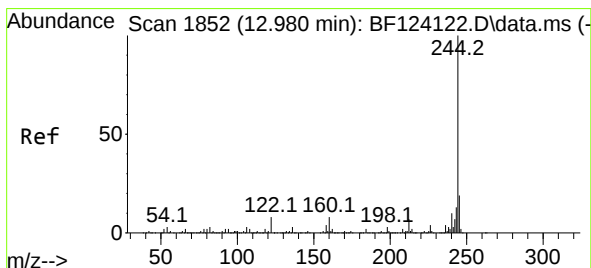
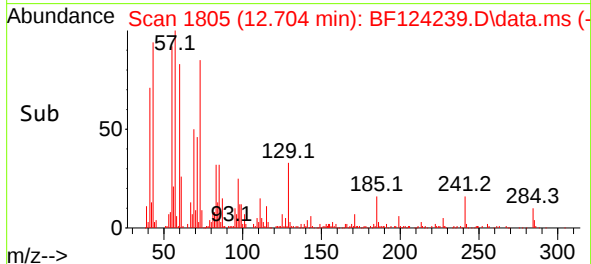
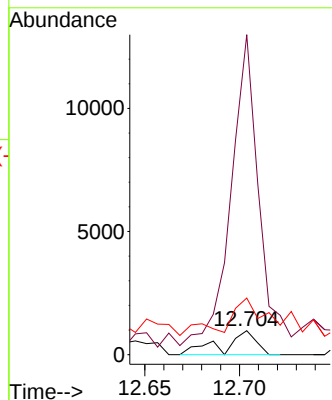
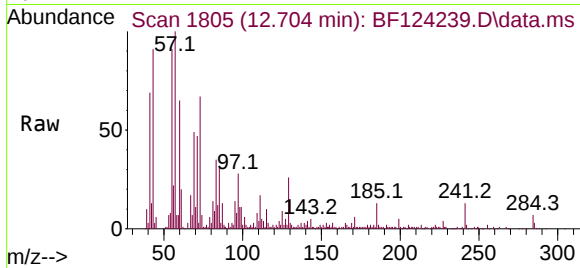




#77
Benzidine
Concen: 4.73 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

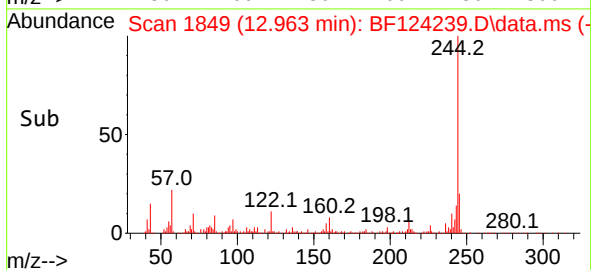
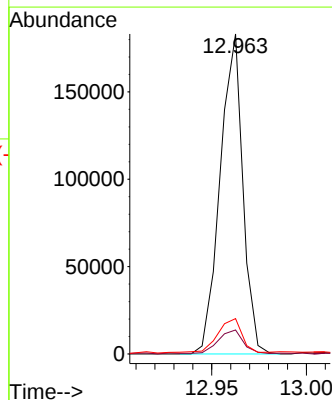
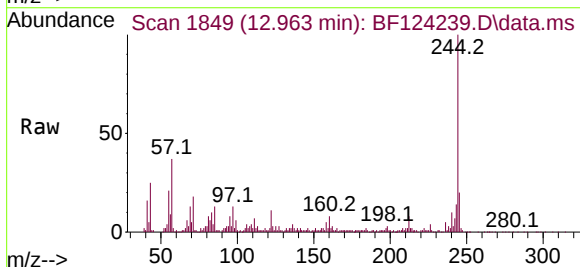
Instrument :
BNA_F
ClientSampleId :
G-WALL-1

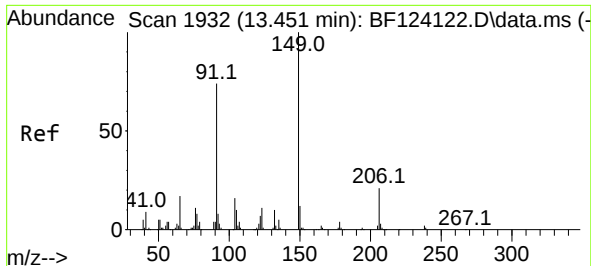
Tgt Ion:184 Resp: 1177
Ion Ratio Lower Upper
184 100
185 1335.3 12.1 18.1#
183 236.5 7.8 11.8#



#79
Terphenyl-d14
Concen: 30.50 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

Tgt Ion:244 Resp: 152585
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 11.0 9.7 14.5

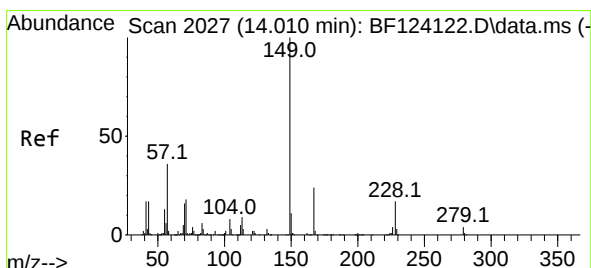
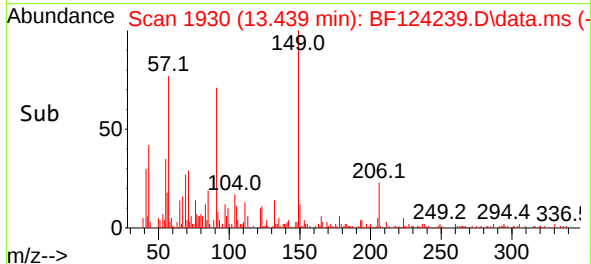
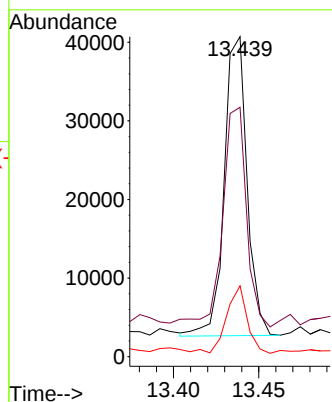
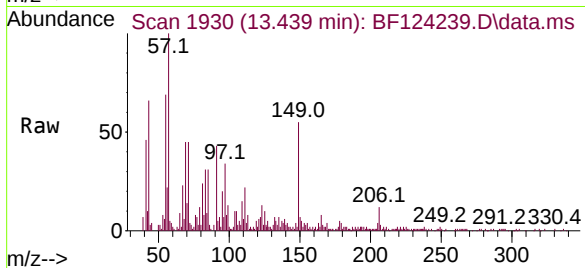




#80
Butylbenzylphthalate
Concen: 13.28 ng
RT: 13.439 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

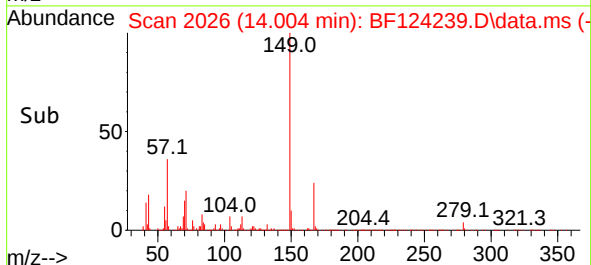
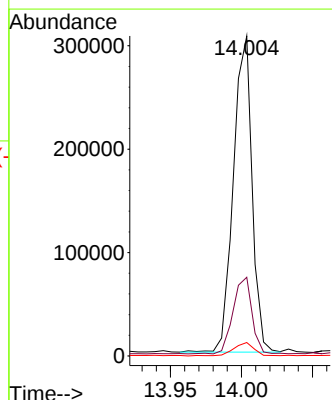
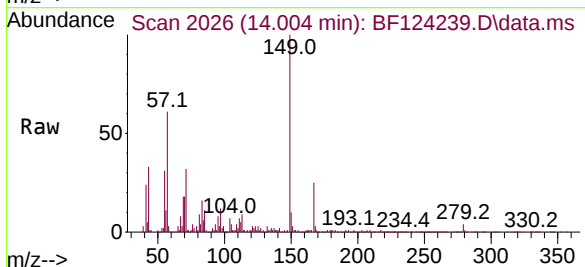
Instrument :
BNA_F
ClientSampleId :
G-WALL-1

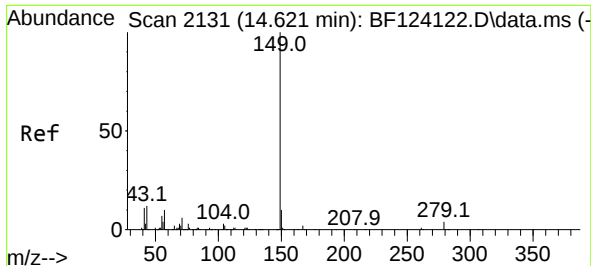
Tgt Ion:149 Resp: 35535
Ion Ratio Lower Upper
149 100
91 78.0 63.6 95.4
206 22.1 14.5 21.7#



#84
Bis(2-ethylhexyl)phthalate
Concen: 88.05 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

Tgt Ion:149 Resp: 280260
Ion Ratio Lower Upper
149 100
167 24.6 21.8 32.6
279 4.2 3.3 4.9

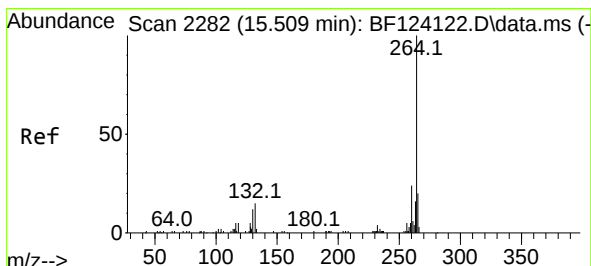
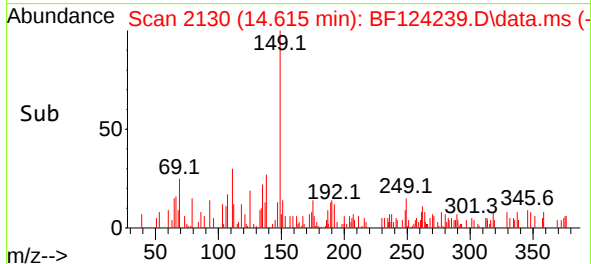
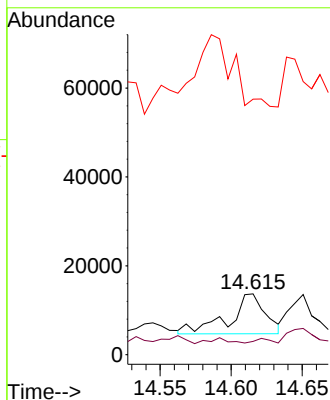
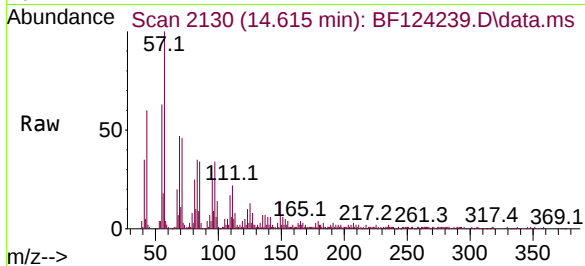




#85
Di-n-octyl phthalate
Concen: 3.75 ng
RT: 14.615 min Scan# 2130
Delta R.T. 0.012 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

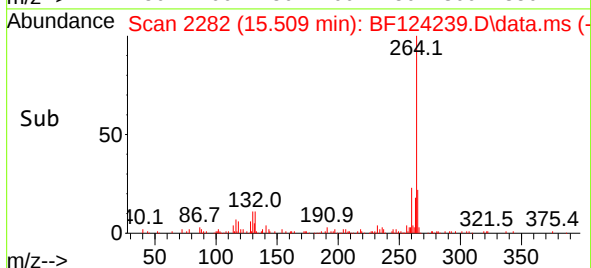
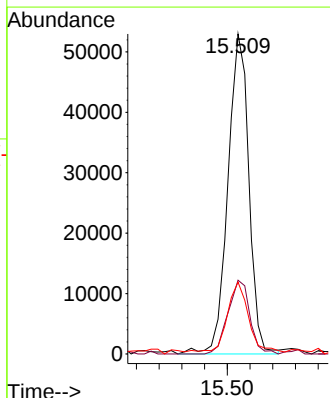
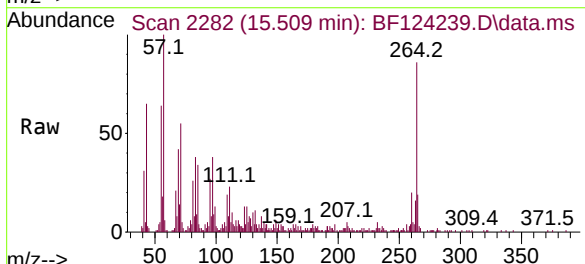
Instrument :
BNA_F
ClientSampleId :
G-WALL-1

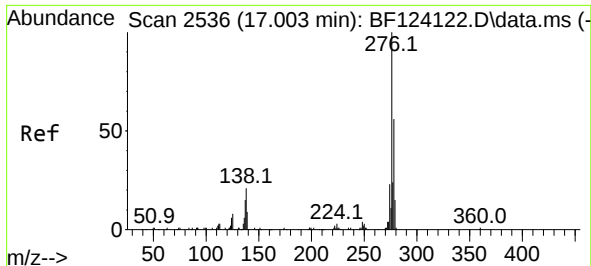
Tgt Ion:149 Resp: 15935
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 11.8 17.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.018 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

Tgt Ion:264 Resp: 67886
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 22.4 17.8 26.8

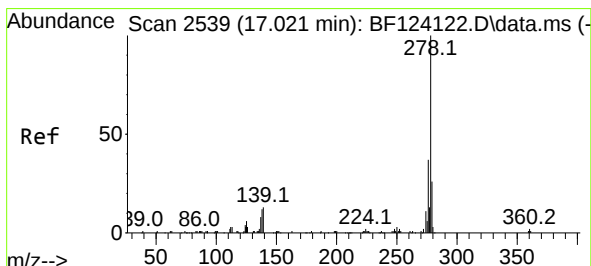
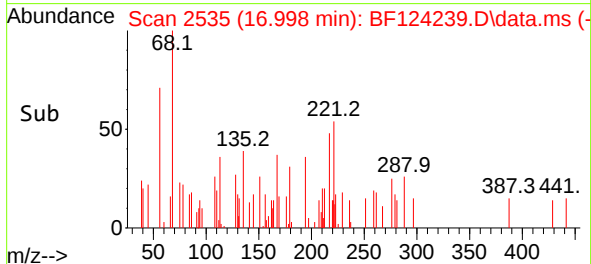
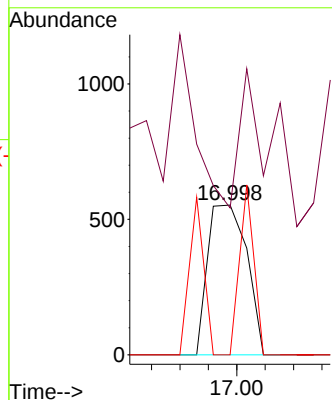
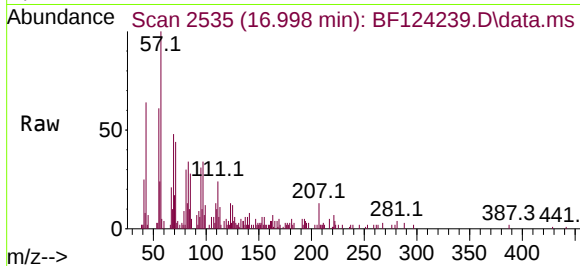




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.42 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.018 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

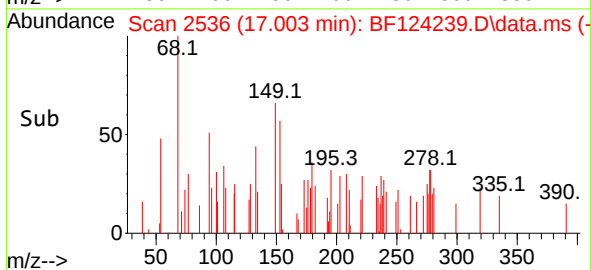
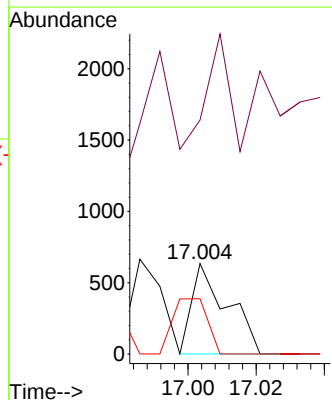
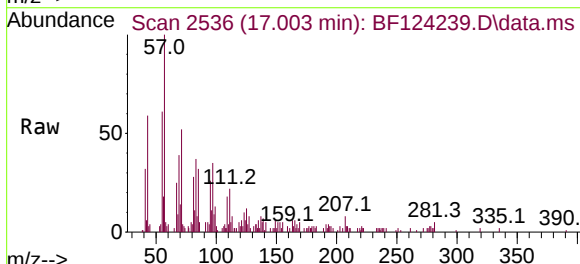
Instrument :
BNA_F
ClientSampled :
G-WALL-1

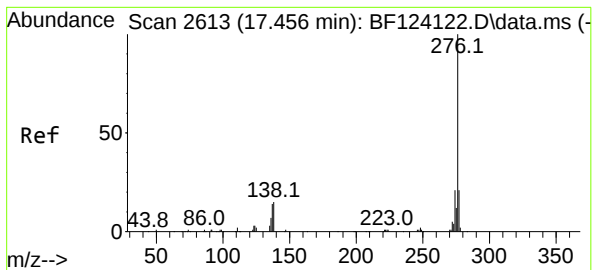
Tgt Ion:276 Resp: 528
Ion Ratio Lower Upper
276 100
138 111.7 16.2 24.2#
277 41.9 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.26 ng
RT: 17.003 min Scan# 2536
Delta R.T. 0.012 min
Lab File: BF124239.D
Acq: 10 Jun 2021 18:43

Tgt Ion:278 Resp: 461
Ion Ratio Lower Upper
278 100
139 258.8 10.2 15.2#
279 61.0 19.4 29.0#





#92
 Benzo(g,h,i)perylene
 Concen: 3.99 ng
 RT: 17.433 min Scan# 2609
 Delta R.T. 0.000 min
 Lab File: BF124239.D
 Acq: 10 Jun 2021 18:43

Instrument :
 BNA_F
 ClientSampleId :
 G-WALL-1

Tgt Ion:276 Resp: 953
 Ion Ratio Lower Upper
 276 100
 277 27.3 18.2 27.2#
 138 33.1 13.8 20.6#

