

Data File : BG036577.D
Acq On : 6 Sep 2018 20:07
Operator : JU/SJ
Sample : J4803-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP1-Q2-I7

Quant Time: Sep 07 04:20:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61840	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	270196	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	185740	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	469371	20.00	ng	0.00
75) Chrysene-d12	21.68	240	474366	20.00	ng	-0.01
86) Perylene-d12	24.90	264	469744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	243902	62.56	ng	0.00
7) Phenol-d6	7.21	99	367839	65.90	ng	-0.01
23) Nitrobenzene-d5	9.22	82	220334	44.24	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	152158	68.65	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	568521	43.70	ng	0.00
78) Terphenyl-d14	20.03	244	953177	46.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	28962	6.943	ng	# 71
49) Dimethylphthalate	14.13	163	208105	13.721	ng	# 98
56) 2,4-Dinitrotoluene	14.68	165	23681	5.822	ng	# 21

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

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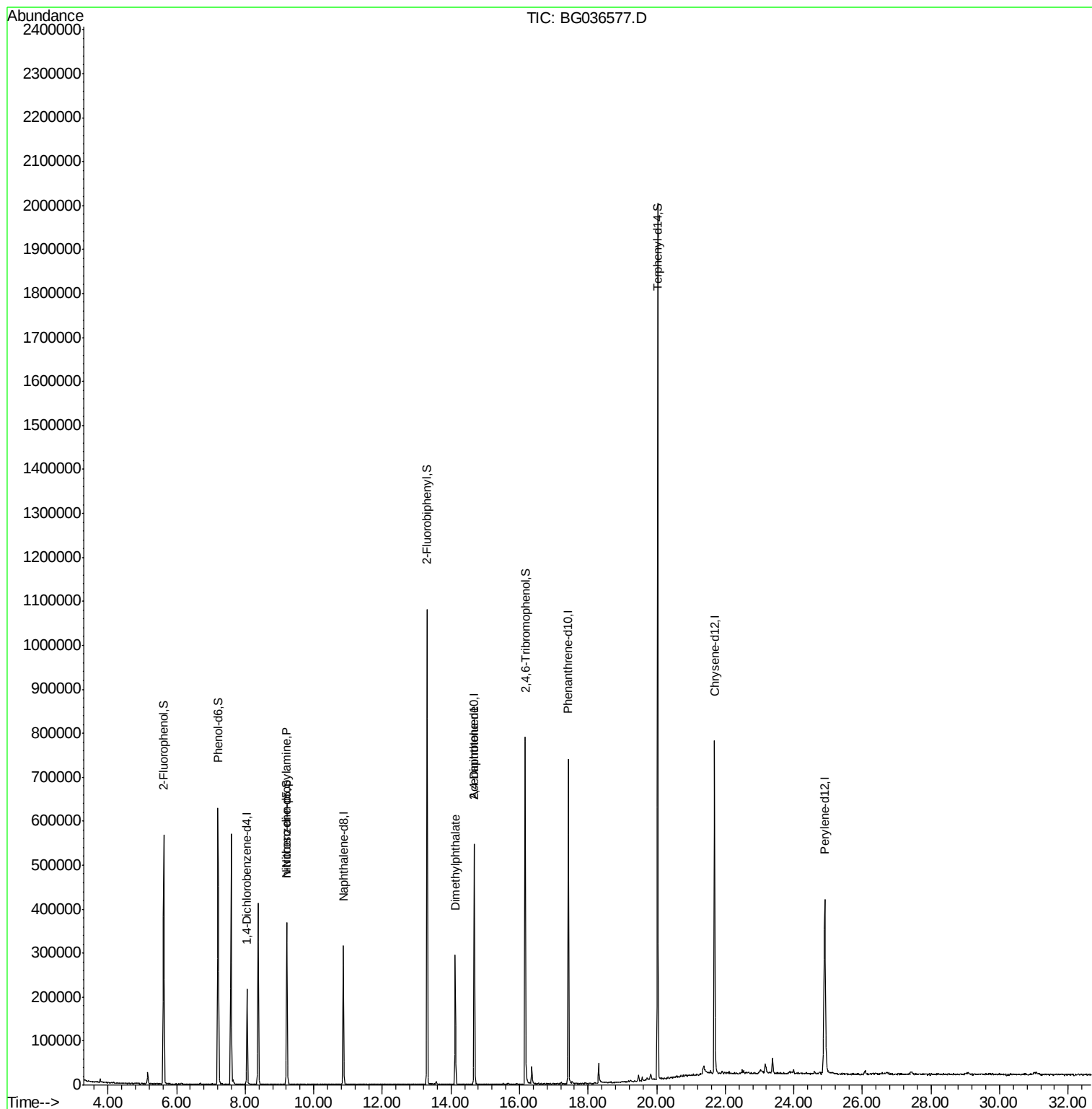
Quant Time: Sep 07 04:20:52 2018

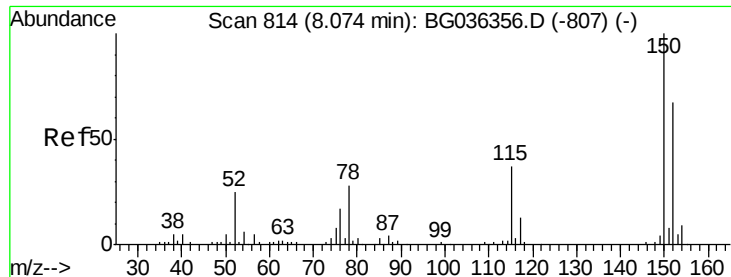
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 31 13:03:20 2018

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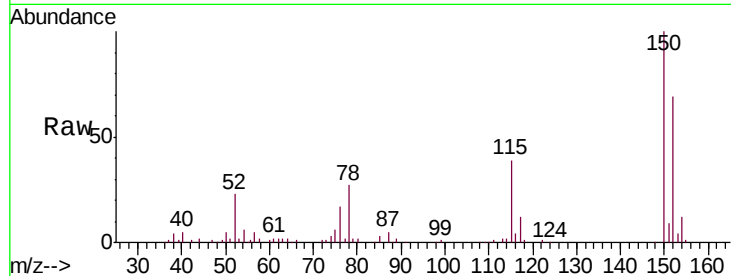


#1

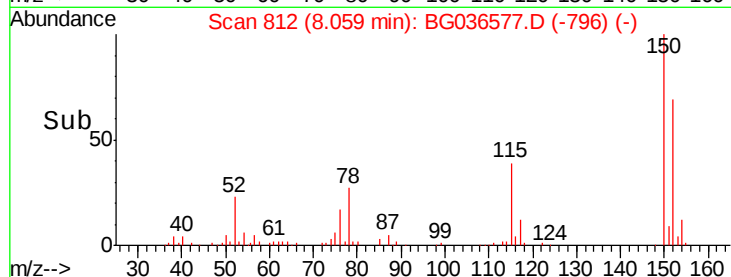
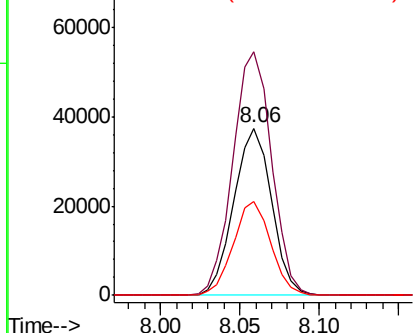
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG036577.D
 Acq: 6 Sep 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :
 EP1-Q2-I7

Tgt Ion:152 Resp: 61840
 Ion Ratio Lower Upper
 152 100
 150 145.8 119.5 179.3
 115 56.2 44.5 66.7



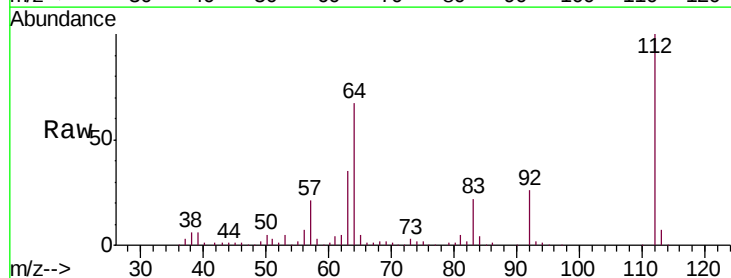
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



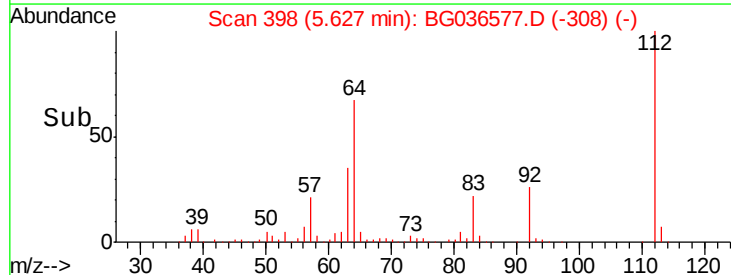
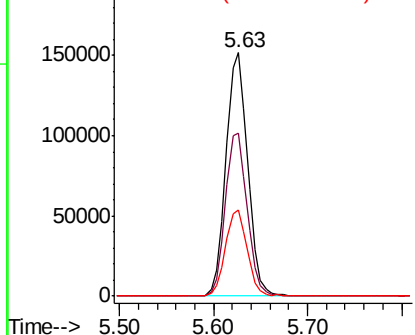
#5

2-Fluorophenol
 Concen: 62.565 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036577.D
 Acq: 6 Sep 2018 20:07

Tgt Ion:112 Resp: 243902
 Ion Ratio Lower Upper
 112 100
 64 66.7 57.2 85.8
 63 35.4 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 65.903 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036577.D

Acq: 6 Sep 2018 20:07

Instrument :

BNA_G

ClientSampled :

EP1-Q2-I7

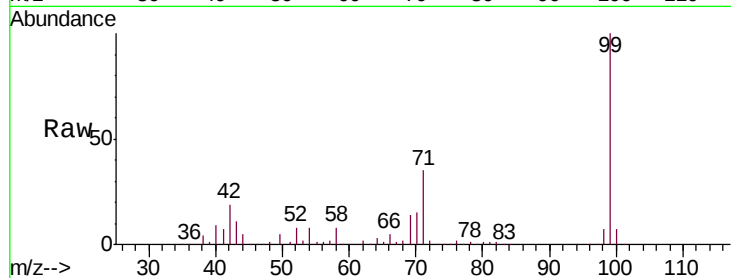
Tgt Ion: 99 Resp: 367839

Ion Ratio Lower Upper

99 100

42 19.4 16.5 24.7

71 35.1 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC

250000

200000

150000

100000

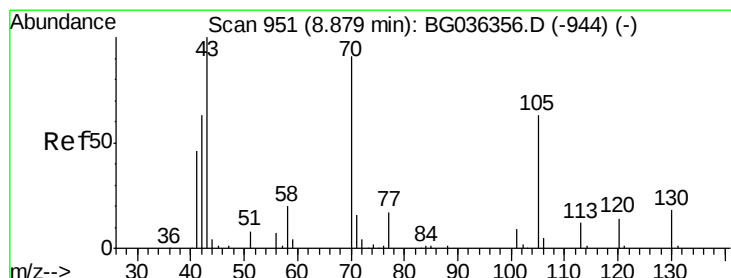
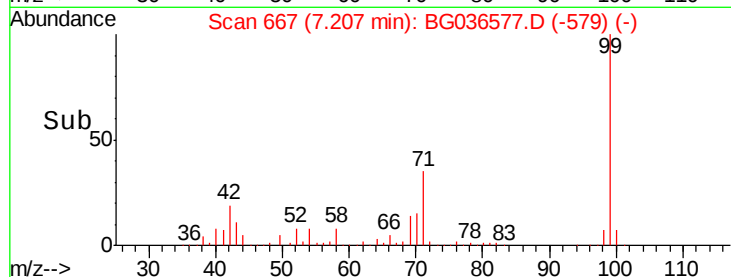
50000

0

7.21

7.10 7.20 7.30

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 6.943 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036577.D

Acq: 6 Sep 2018 20:07

Tgt Ion: 70 Resp: 28962

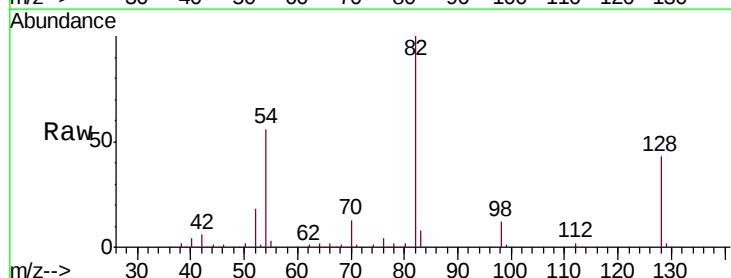
Ion Ratio Lower Upper

70 100

42 48.6 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

25000

20000

15000

10000

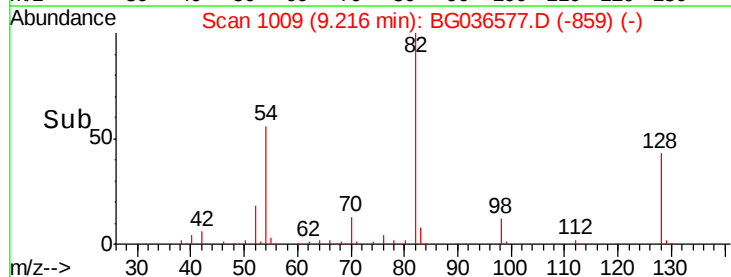
5000

0

9.22

9.15 9.20 9.25

Time-->

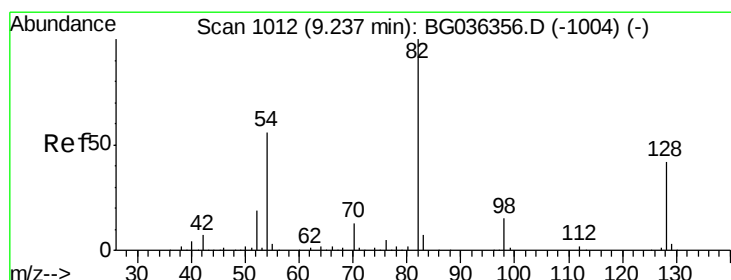
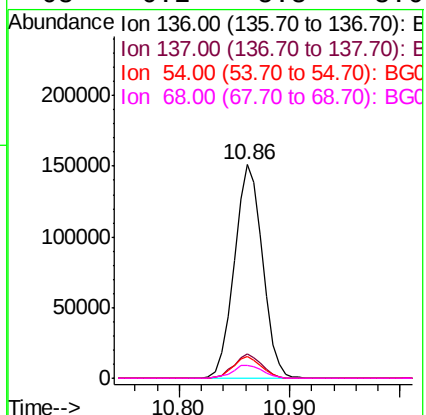
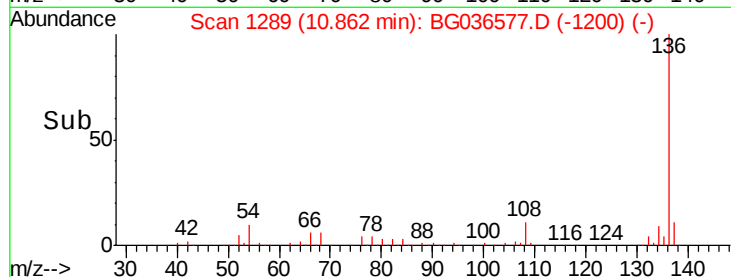
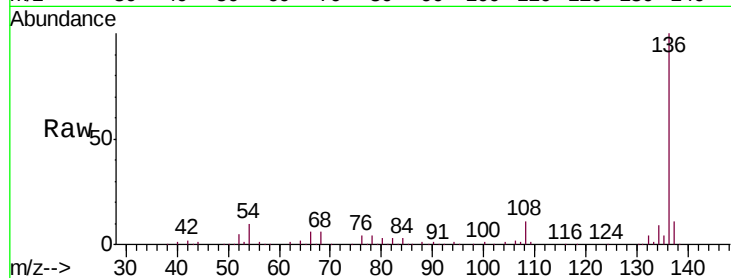




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036577.D
Acq: 6 Sep 2018 20:07

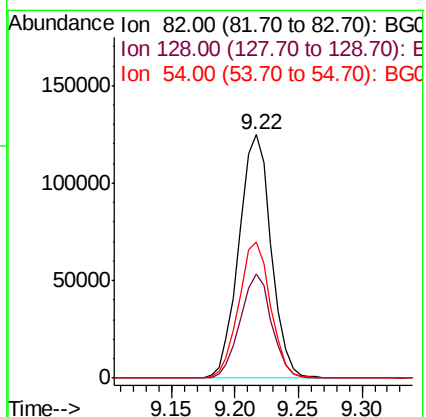
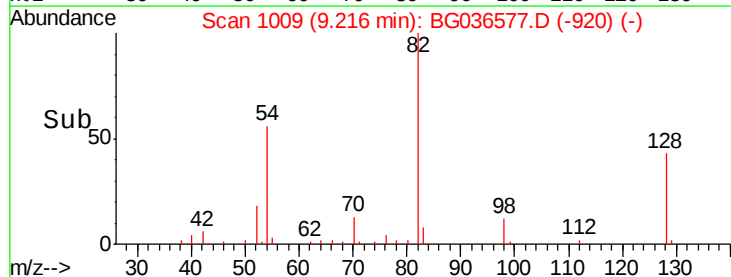
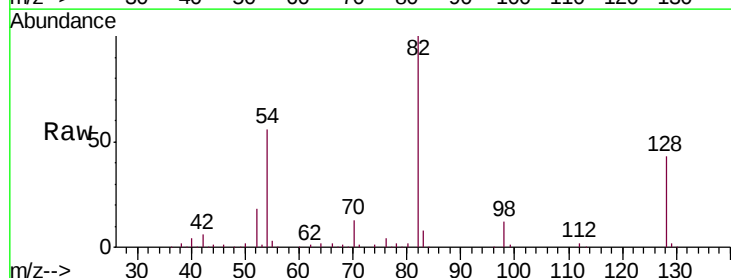
Instrument :
BNA_G
ClientSampleId :
EP1-Q2-I7

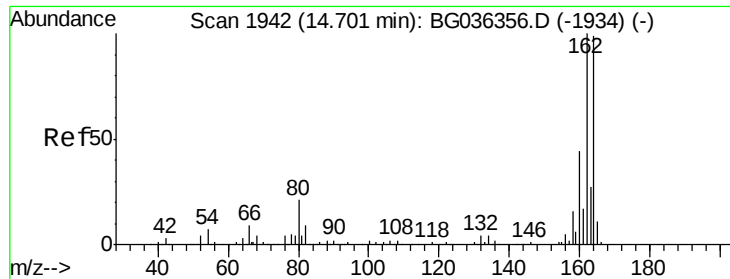
Tgt Ion:	136	Resp:	270196
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.9	9.2	13.8
68	6.2	5.8	8.6



#23
Nitrobenzene-d5
Concen: 44.244 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036577.D
Acq: 6 Sep 2018 20:07

Tgt Ion:	82	Resp:	220334
Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.3	49.9
54	56.0	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036577.D

Acq: 6 Sep 2018 20:07

Instrument :

BNA_G

ClientSampleId :

EP1-Q2-I7

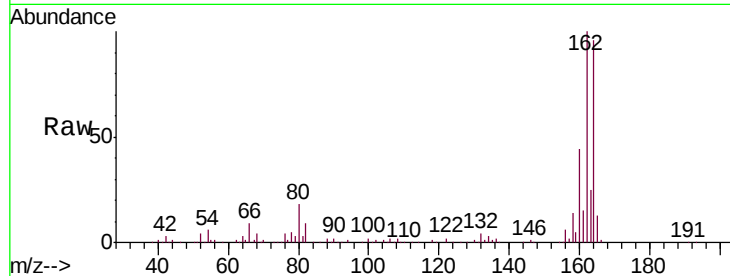
Tgt Ion:164 Resp: 185740

Ion Ratio Lower Upper

164 100

162 104.2 80.7 121.1

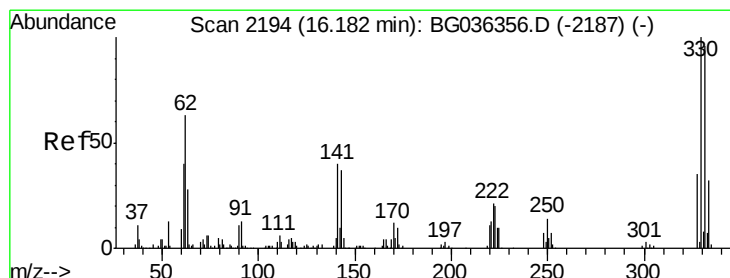
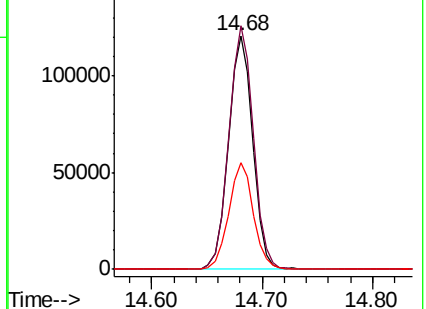
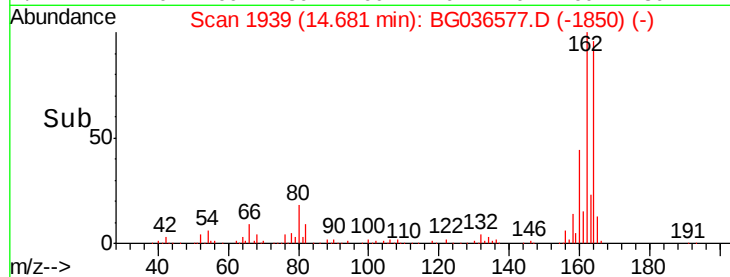
160 45.4 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 68.654 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036577.D

Acq: 6 Sep 2018 20:07

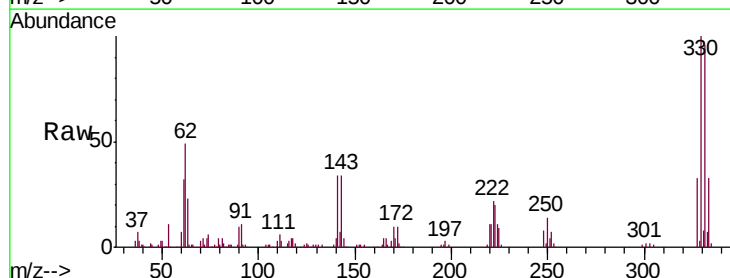
Tgt Ion:330 Resp: 152158

Ion Ratio Lower Upper

330 100

332 95.9 75.4 113.2

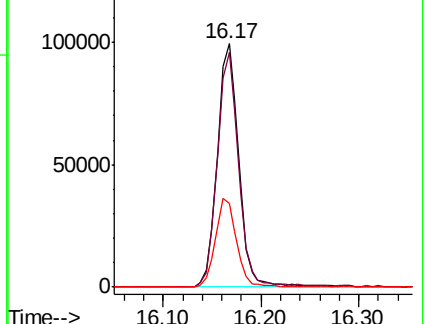
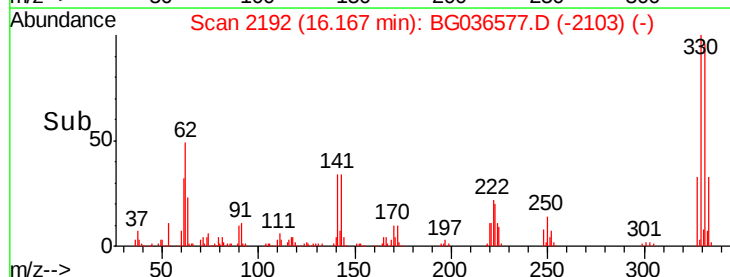
141 36.0 30.7 46.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

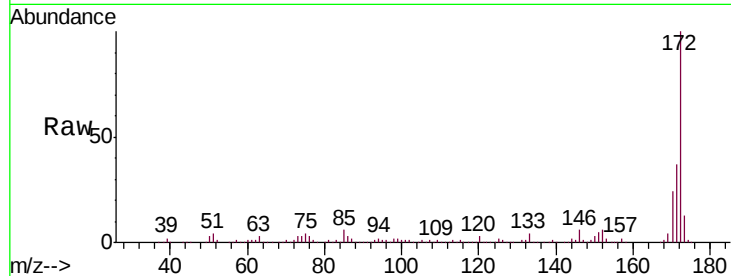




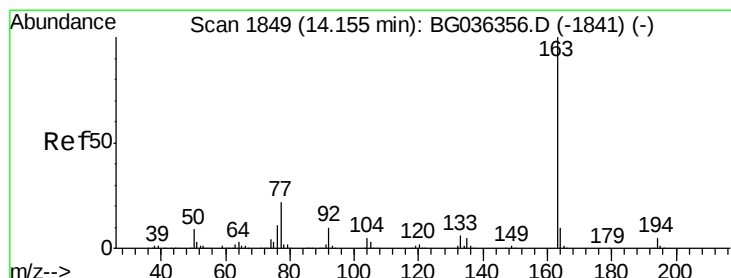
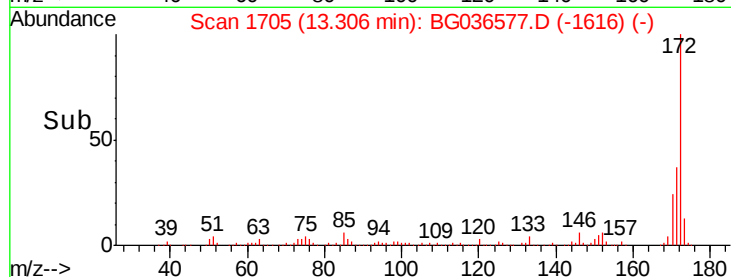
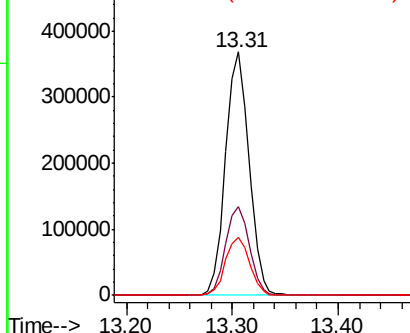
#44
 2-Fluorobiphenyl
 Concen: 43.703 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036577.D
 Acq: 6 Sep 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :
 EP1-Q2-I7

Tgt Ion:172 Resp: 568521
 Ion Ratio Lower Upper
 172 100
 171 36.6 31.3 46.9
 170 24.1 21.0 31.6

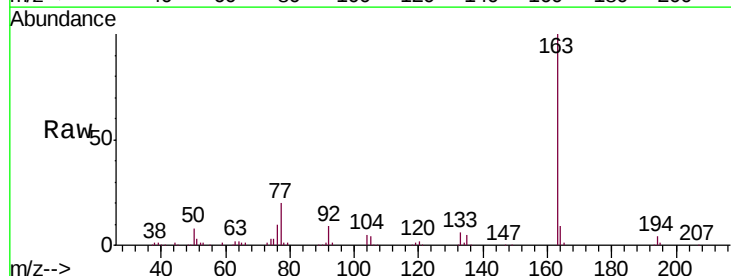


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

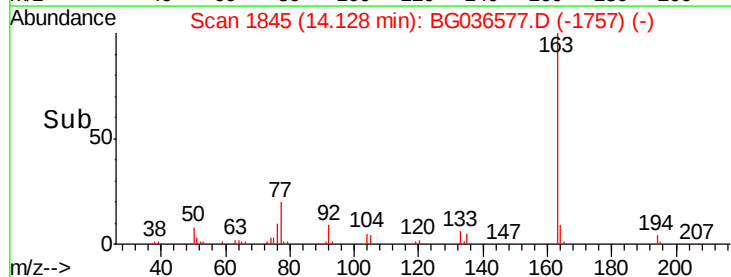
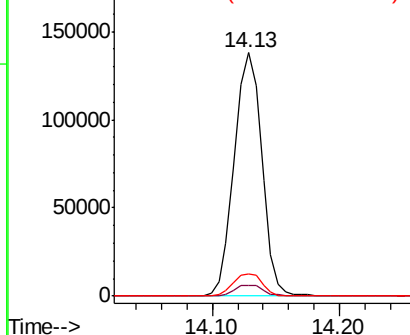


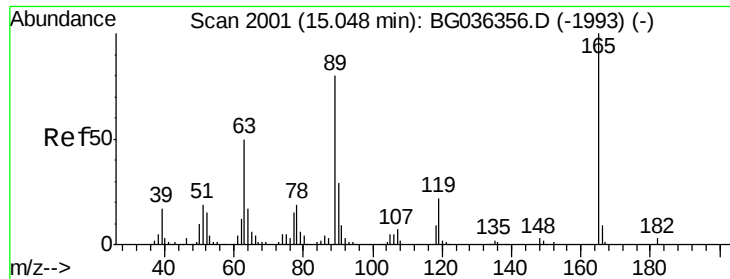
#49
 Dimethylphthalate
 Concen: 13.721 ng
 RT: 14.13 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BG036577.D
 Acq: 6 Sep 2018 20:07

Tgt Ion:163 Resp: 208105
 Ion Ratio Lower Upper
 163 100
 194 4.3 4.0 6.0
 164 9.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

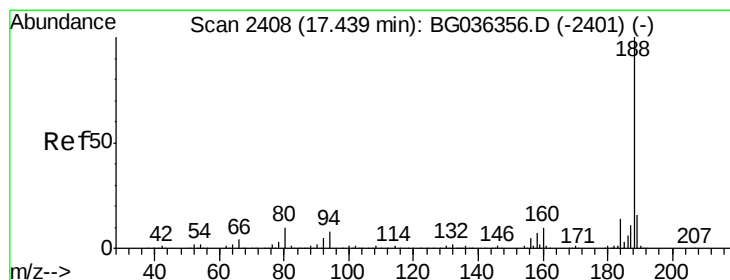
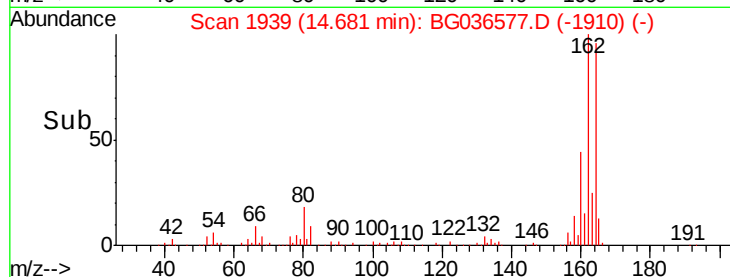
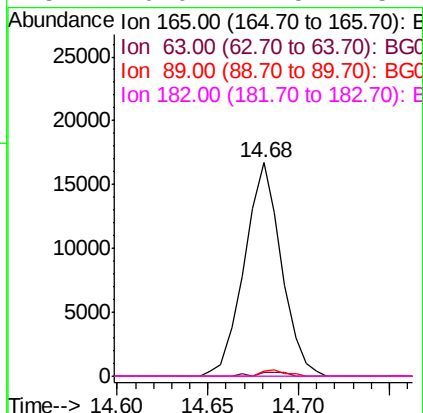
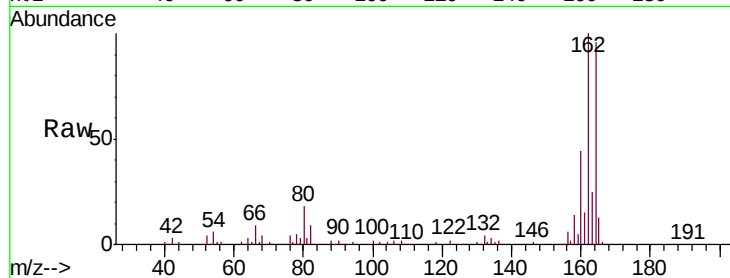




#56
 2,4-Dinitrotoluene
 Concen: 5.822 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036577.D
 Acq: 6 Sep 2018 20:07

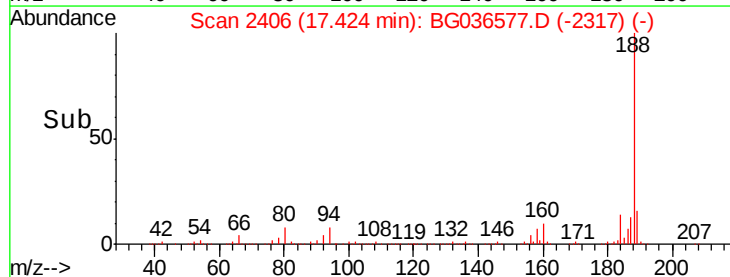
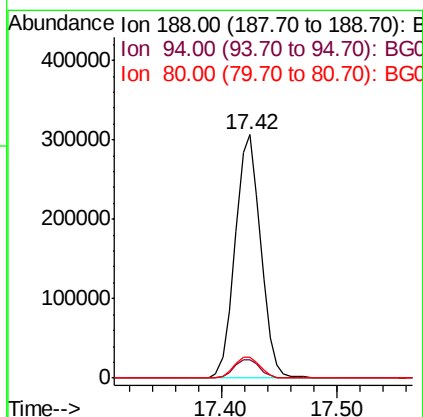
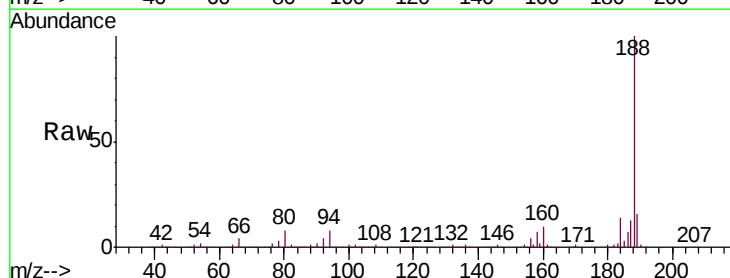
Instrument :
 BNA_G
 ClientSampleId :
 EP1-Q2-I7

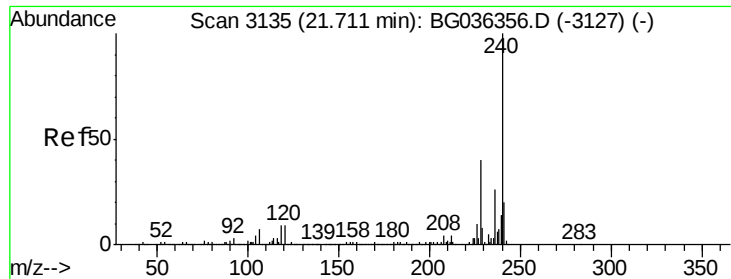
Tgt Ion:	165	Resp:	23681
Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.1	60.1#
89	2.3	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036577.D
 Acq: 6 Sep 2018 20:07

Tgt Ion:	188	Resp:	469371
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	8.3	8.1	12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036577.D

Acq: 6 Sep 2018 20:07

Instrument :

BNA_G

ClientSampleId :

EP1-Q2-I7

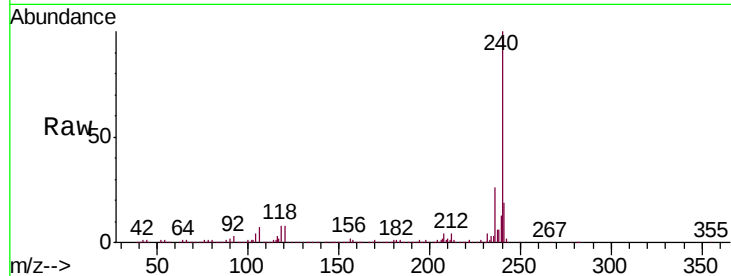
Tgt Ion:240 Resp: 474366

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

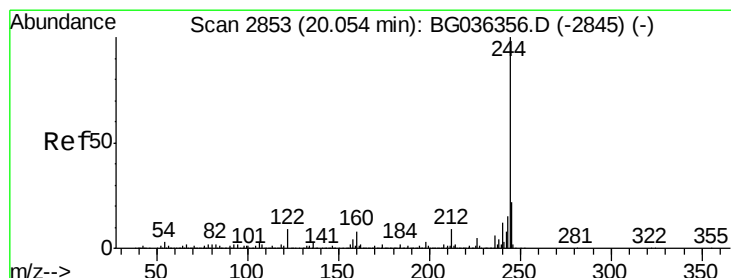
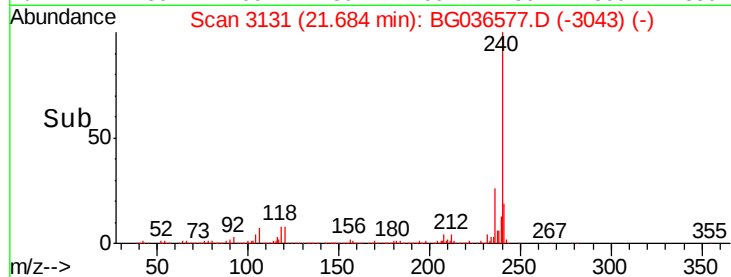
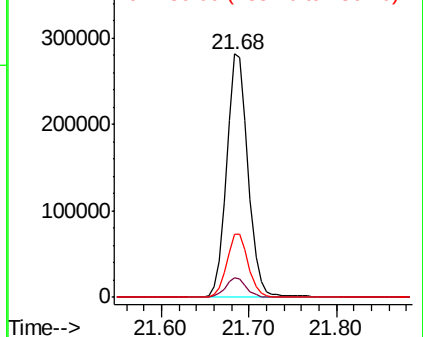
236 25.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 46.966 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036577.D

Acq: 6 Sep 2018 20:07

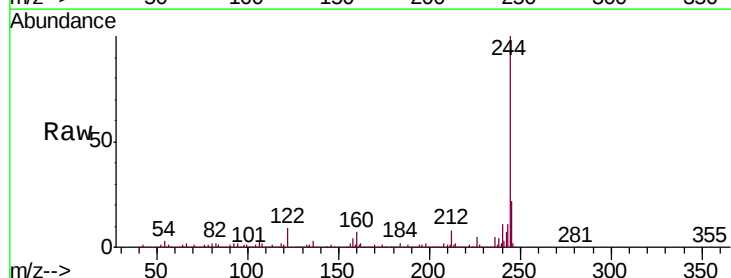
Tgt Ion:244 Resp: 953177

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

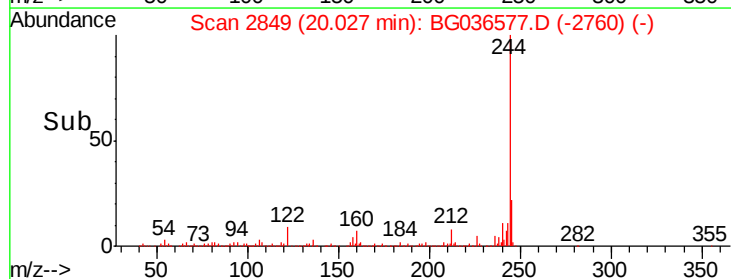
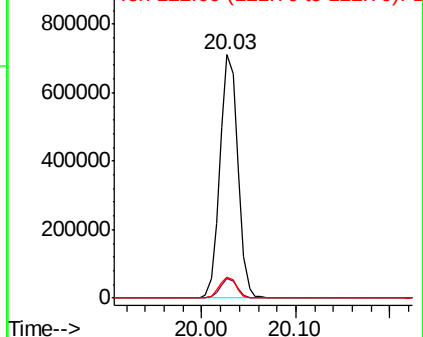
122 8.8 7.1 10.7

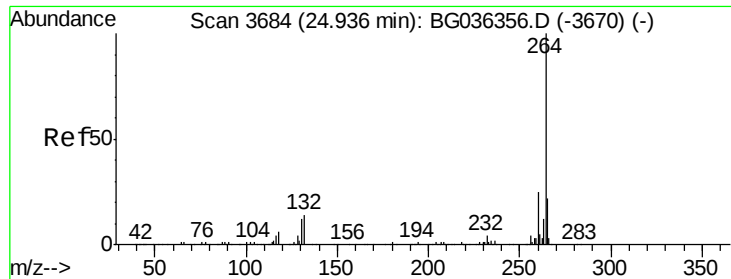


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036577.D
Acq: 6 Sep 2018 20:07

Instrument :
BNA_G
ClientSampleId :
EP1-Q2-I7

Tgt Ion: 264 Resp: 469744
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 20.6 17.4 26.0

