

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036477.D
 Acq On : 29 Aug 2018 3:27
 Operator : JU/SJ
 Sample : PB112436TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112436TB

Quant Time: Aug 29 05:27:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

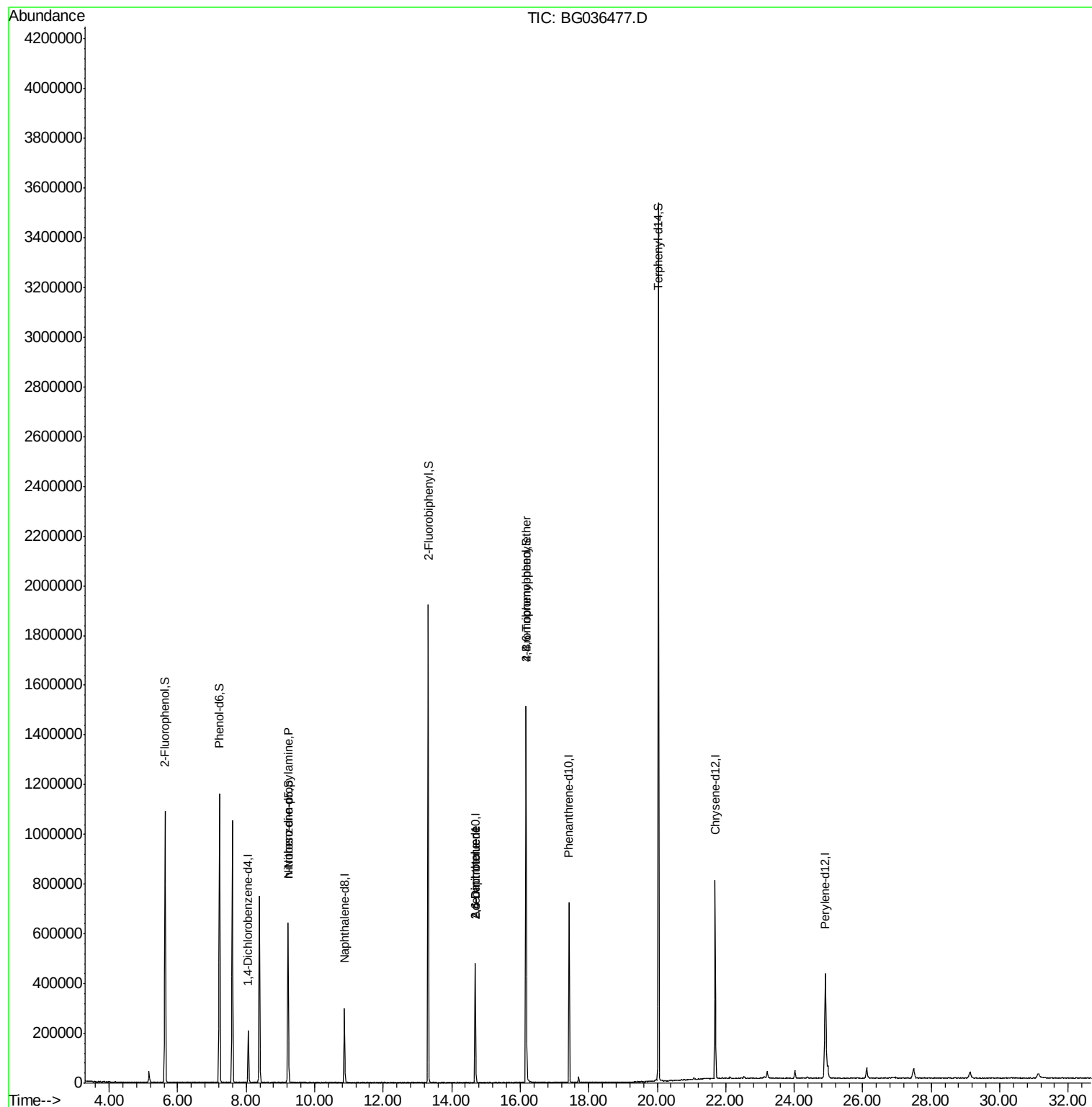
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59474	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	250502	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	168251	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	455630	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	490312	20.00	ng	-0.02
86) Perylene-d12	24.90	264	488770	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	465305	124.11	ng	0.00
7) Phenol-d6	7.22	99	667898	124.42	ng	0.00
23) Nitrobenzene-d5	9.22	82	387414	83.91	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	282367	140.65	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	952966	80.87	ng	-0.01
78) Terphenyl-d14	20.03	244	1716681	81.84	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	50773	12.656	ng	# 68
50) 2,6-Dinitrotoluene	14.69	165	21176	7.491	ng	# 22
56) 2,4-Dinitrotoluene	14.69	165	21176	5.747	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	20035	3.756	ng	# 1

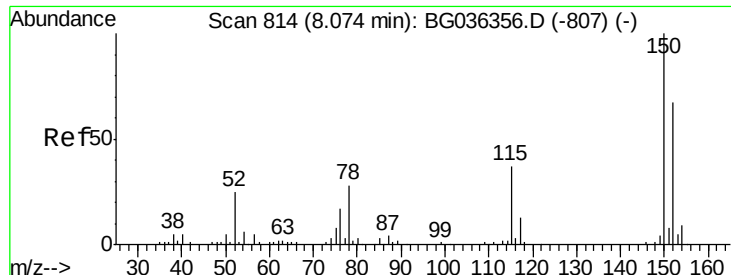
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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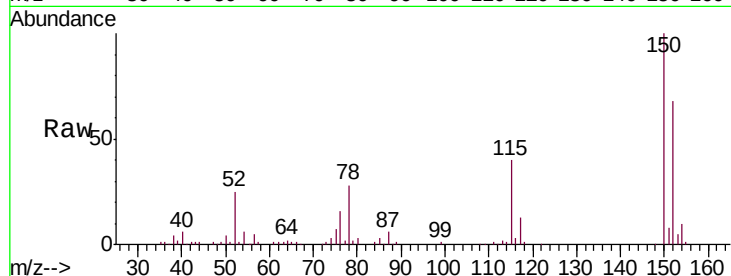


#1

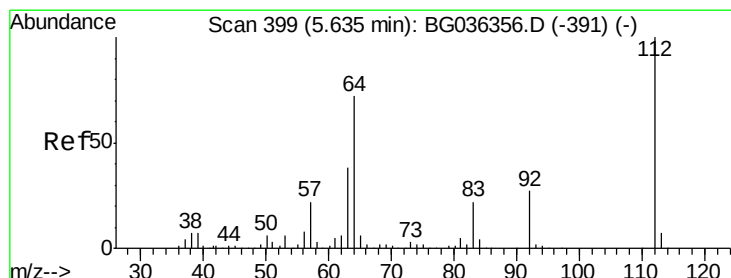
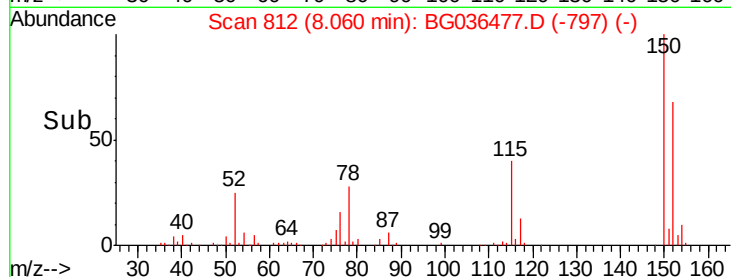
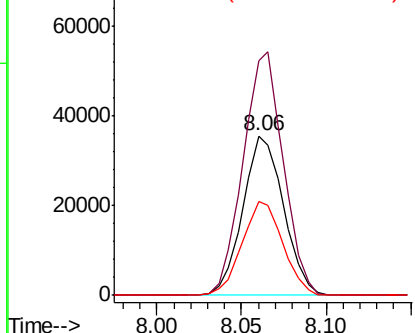
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036477.D
 Acq: 29 Aug 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 PB112436TB

Tgt Ion:152 Resp: 59474
 Ion Ratio Lower Upper
 152 100
 150 147.3 119.5 179.3
 115 59.1 44.5 66.7



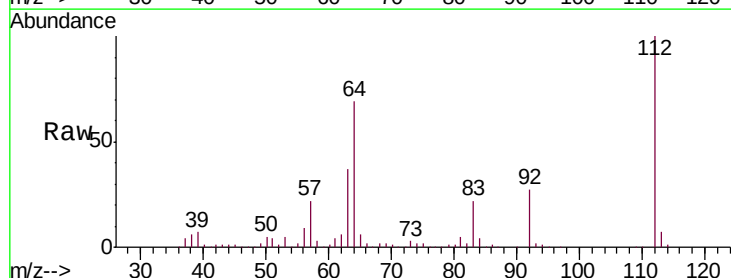
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



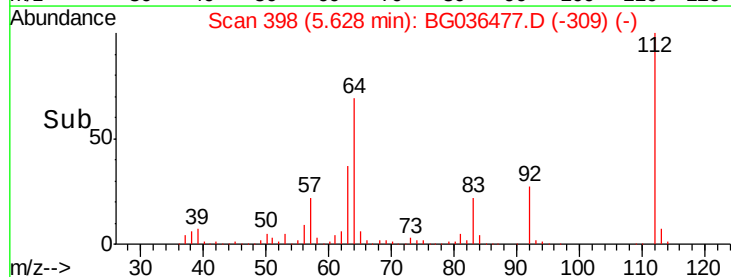
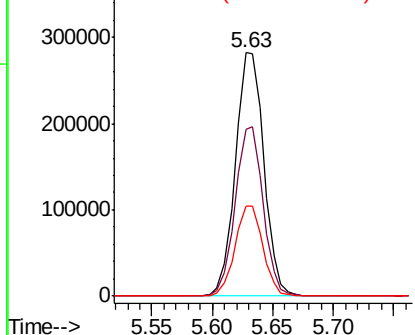
#5

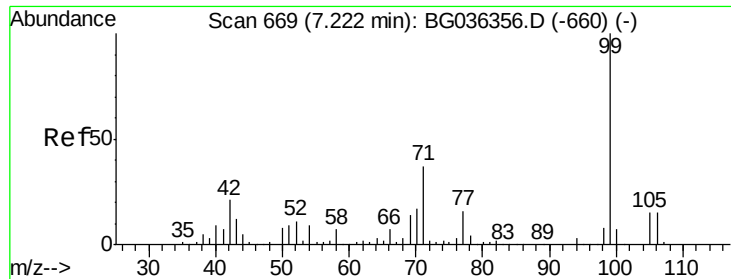
2-Fluorophenol
 Concen: 124.106 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG036477.D
 Acq: 29 Aug 2018 3:27

Tgt Ion:112 Resp: 465305
 Ion Ratio Lower Upper
 112 100
 64 68.6 57.2 85.8
 63 37.1 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: 124.422 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036477.D

Acq: 29 Aug 2018 3:27

Instrument :

BNA_G

ClientSampleId :

PB112436TB

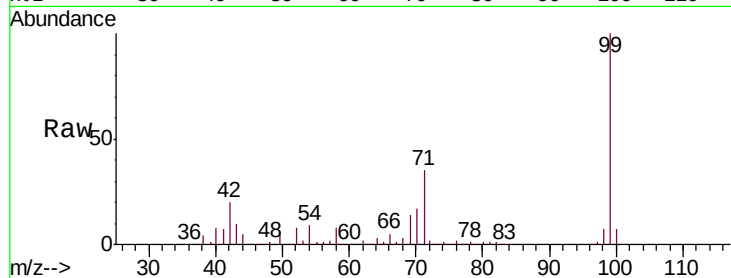
Tgt Ion: 99 Resp: 667898

Ion Ratio Lower Upper

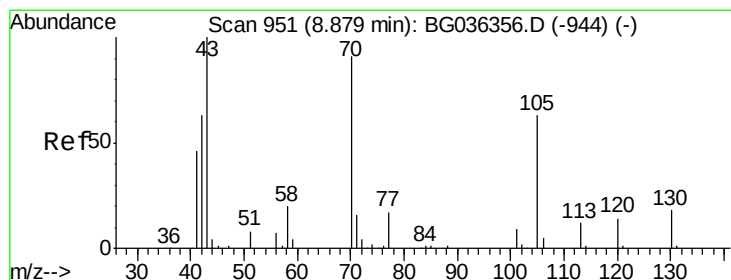
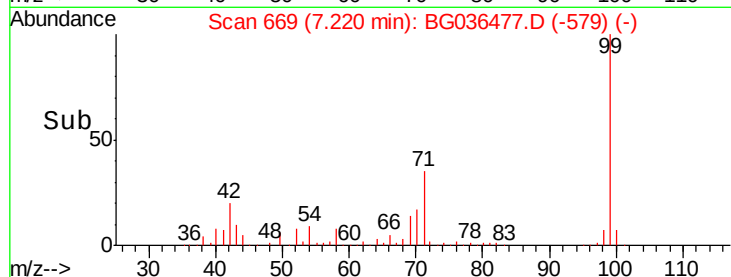
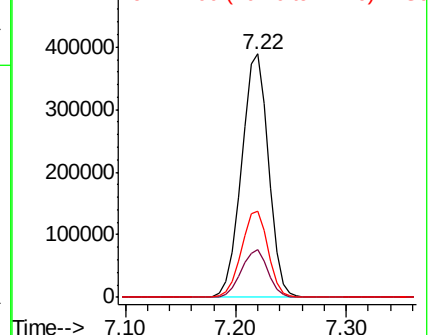
99 100

42 19.6 16.5 24.7

71 35.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.656 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036477.D

Acq: 29 Aug 2018 3:27

Tgt Ion: 70 Resp: 50773

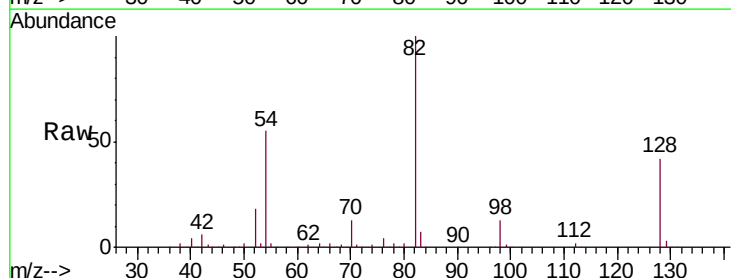
Ion Ratio Lower Upper

70 100

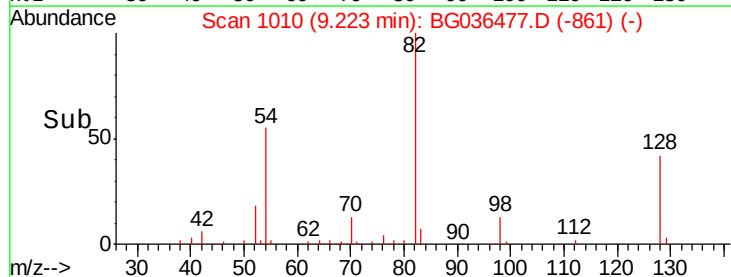
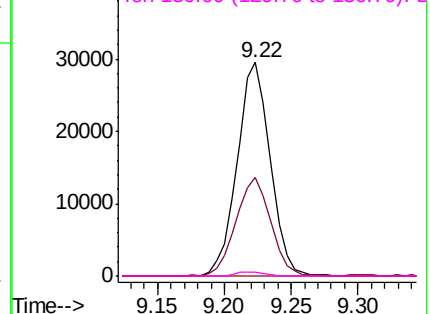
42 45.9 56.2 84.4#

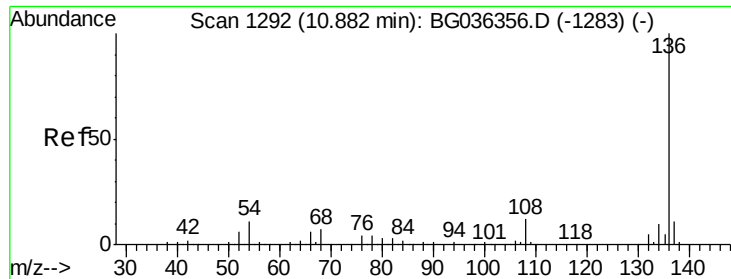
101 0.0 7.8 11.6#

130 1.5 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

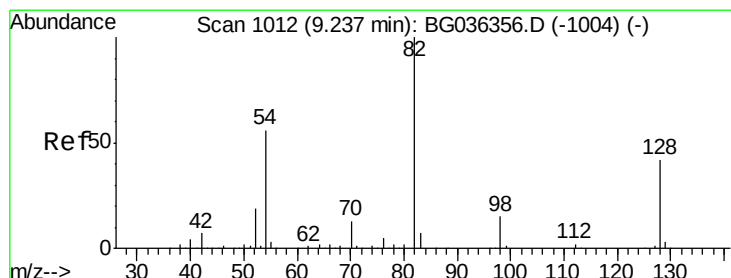
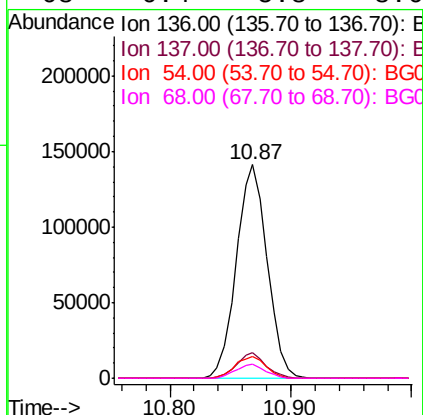
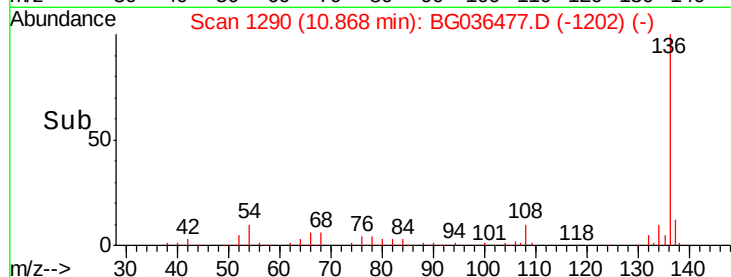
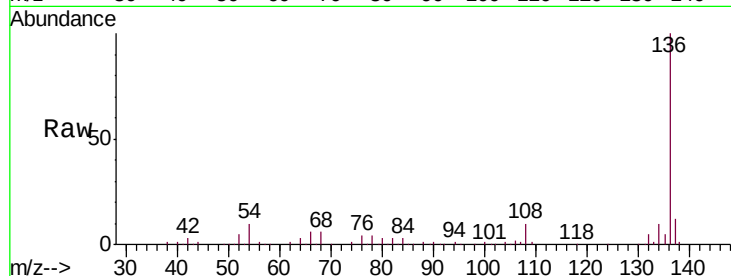




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036477.D
Acq: 29 Aug 2018 3:27

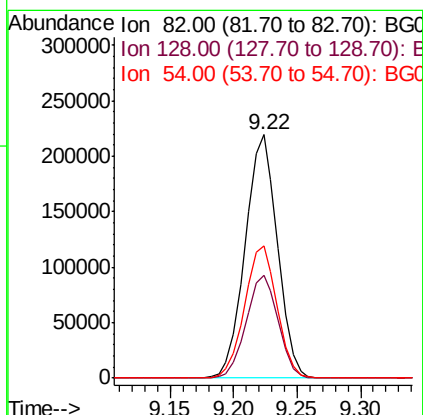
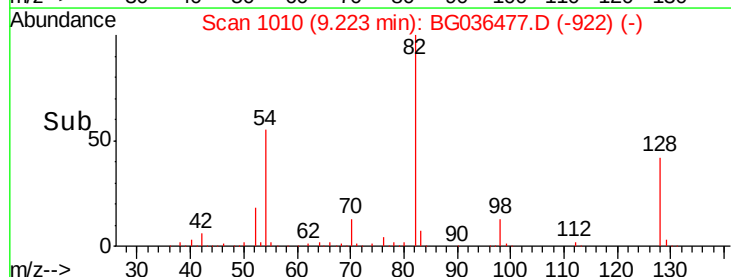
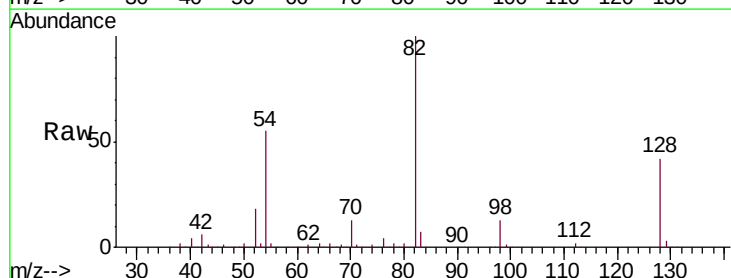
Instrument :
BNA_G
ClientSampleId :
PB112436TB

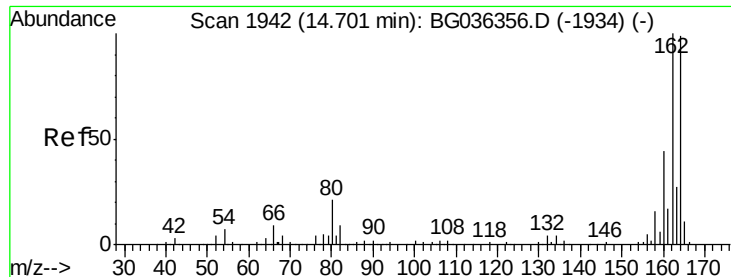
Tgt Ion:	136	Resp:	250502
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	10.0	9.2	13.8
68	6.4	5.8	8.6



#23
Nitrobenzene-d5
Concen: 83.911 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036477.D
Acq: 29 Aug 2018 3:27

Tgt Ion:	82	Resp:	387414
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	54.5	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG036477.D

Acq: 29 Aug 2018 3:27

Instrument :

BNA_G

ClientSampleId :

PB112436TB

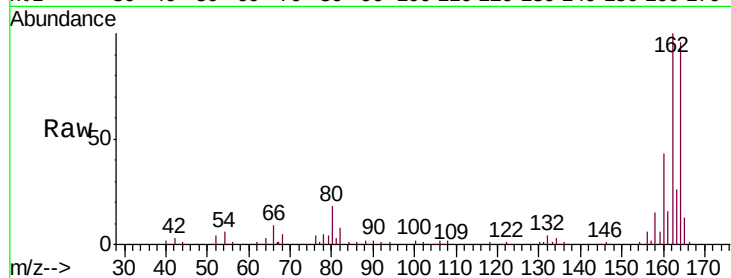
Tgt Ion:164 Resp: 168251

Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

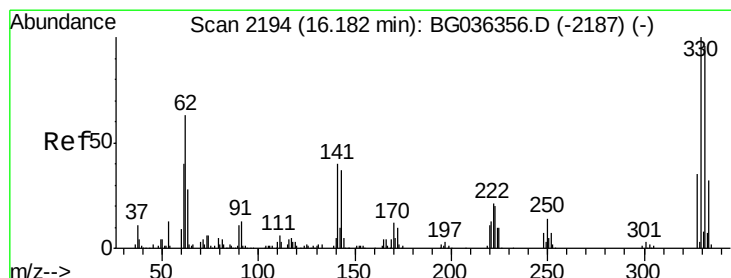
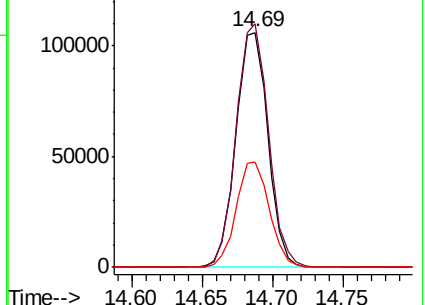
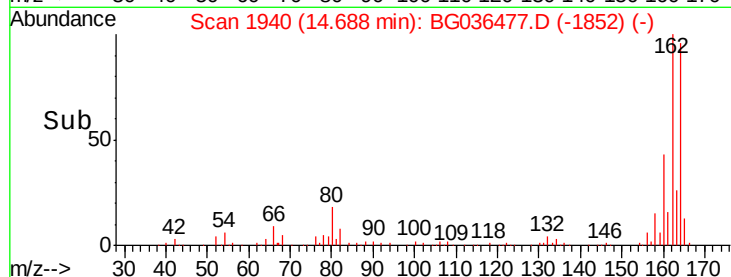
160 44.8 35.3 52.9



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: 140.648 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036477.D

Acq: 29 Aug 2018 3:27

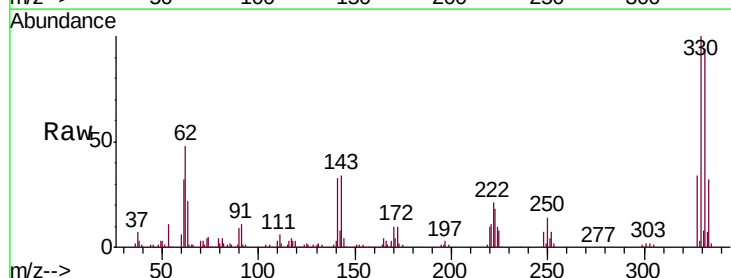
Tgt Ion:330 Resp: 282367

Ion Ratio Lower Upper

330 100

332 95.5 75.4 113.2

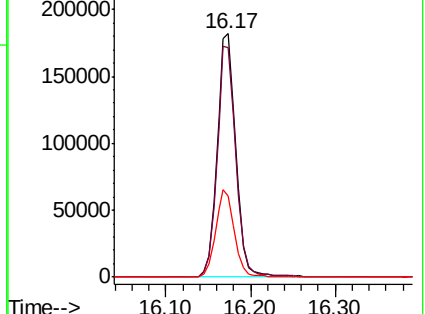
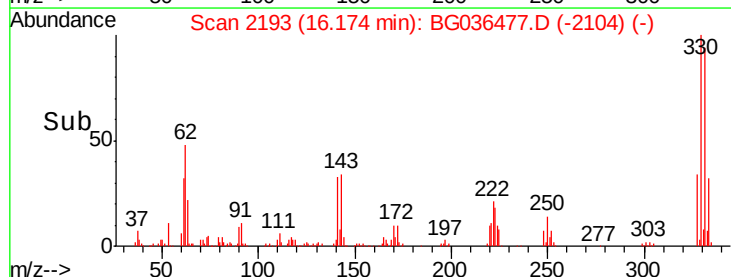
141 36.0 30.7 46.1

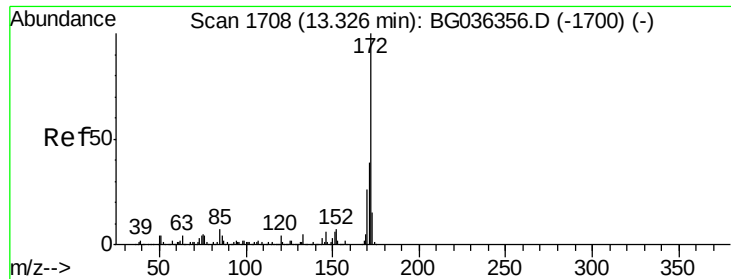


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

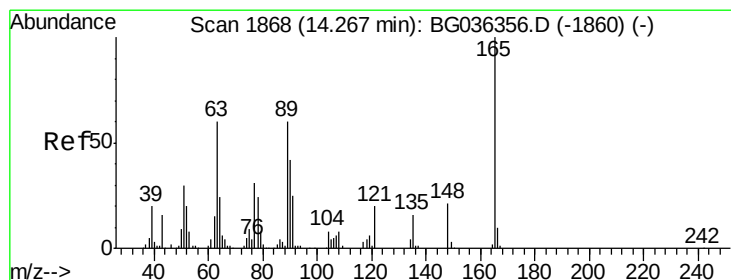
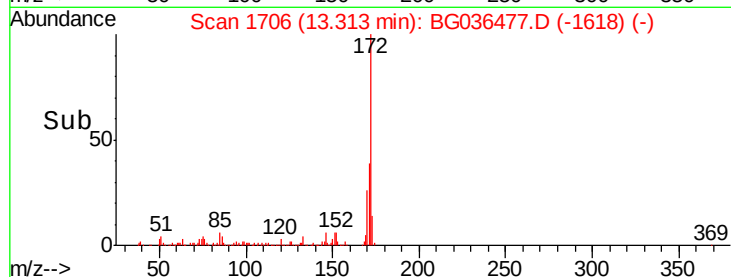
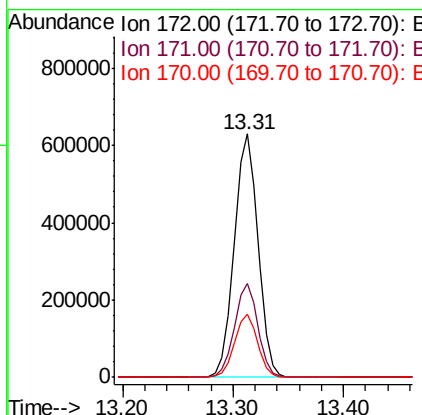
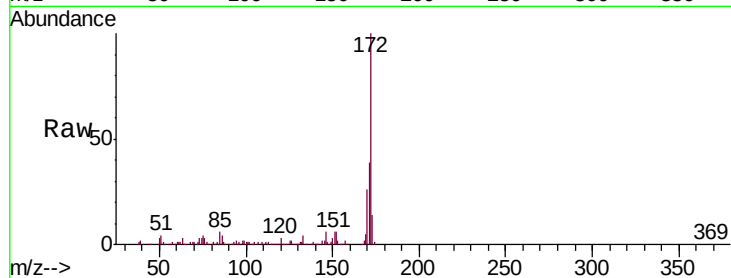




#44
2-Fluorobiphenyl
Concen: 80.871 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG036477.D
Acq: 29 Aug 2018 3:27

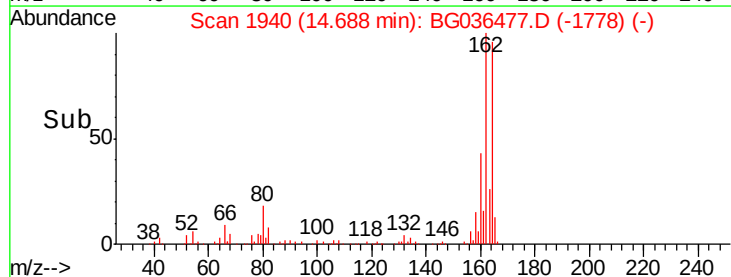
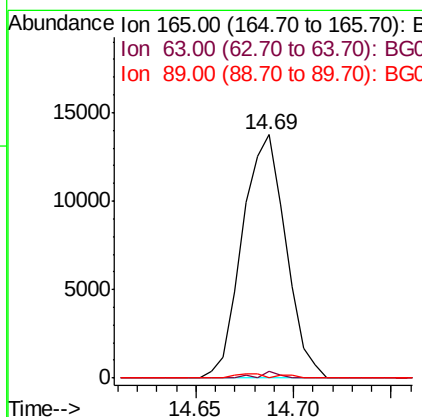
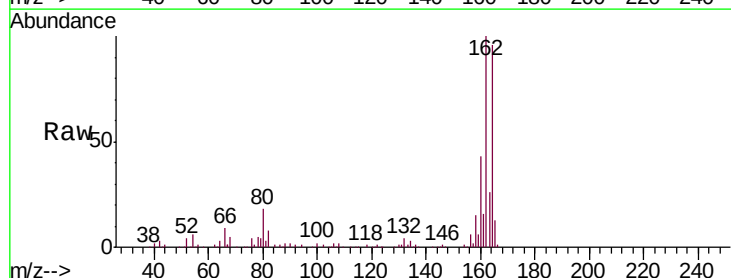
Instrument :
BNA_G
ClientSampleId :
PB112436TB

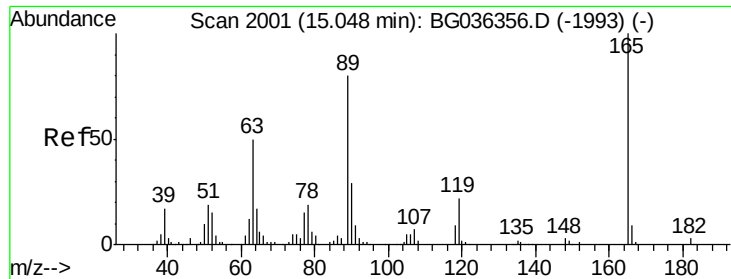
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.9	21.0	31.6



#50
2,6-Dinitrotoluene
Concen: 7.491 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG036477.D
Acq: 29 Aug 2018 3:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	50.1	75.1#
89	0.0	47.8	71.6#

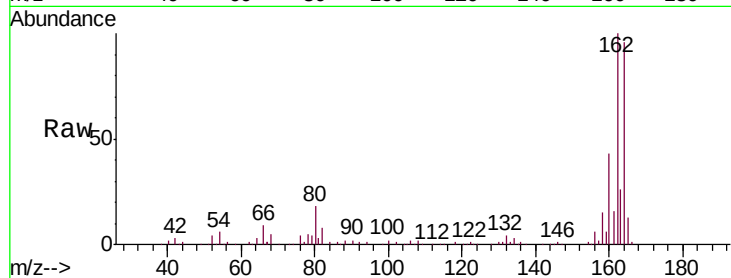




#56
 2,4-Dinitrotoluene
 Concen: 5.747 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036477.D
 Acq: 29 Aug 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 PB112436TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



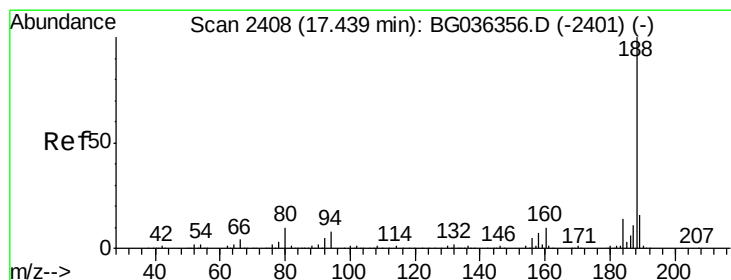
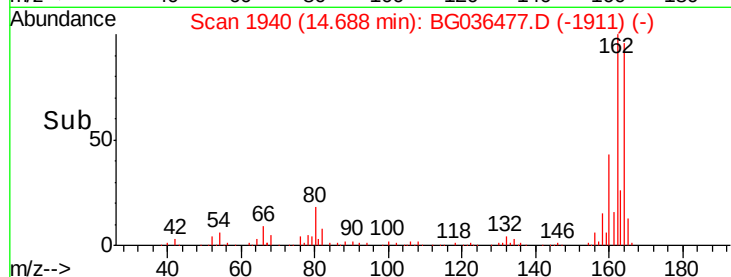
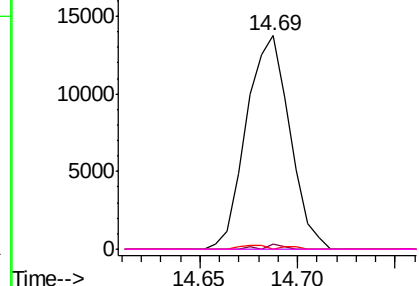
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036477.D
 Acq: 29 Aug 2018 3:27

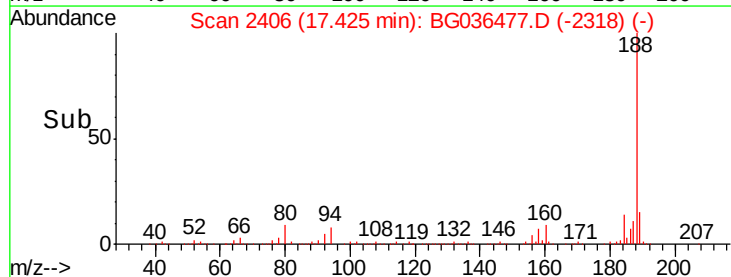
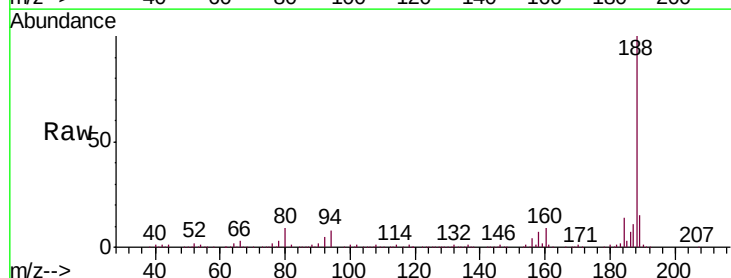
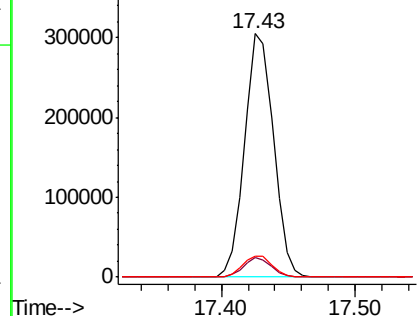
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	8.7	8.1	12.1

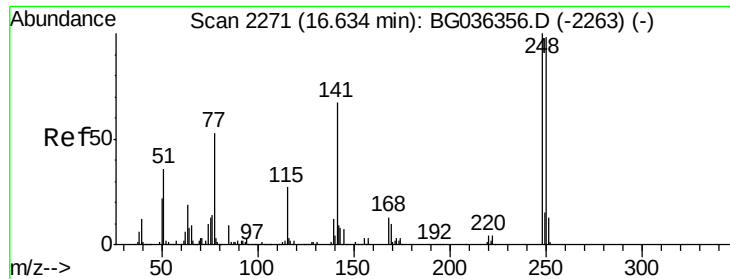
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

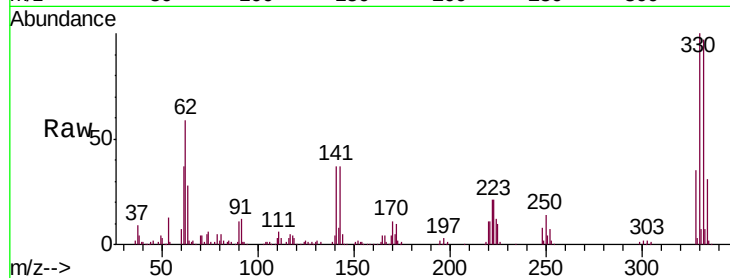




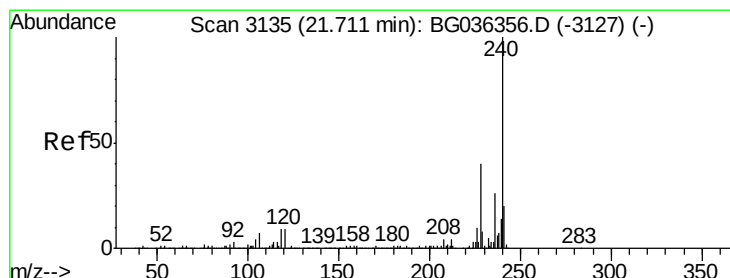
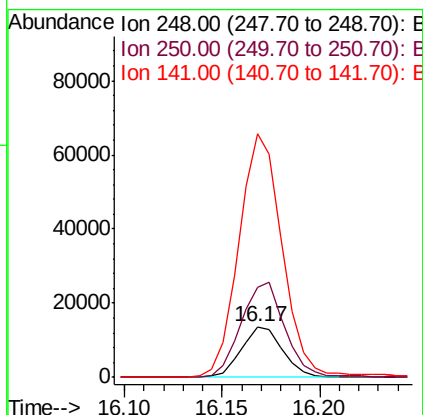
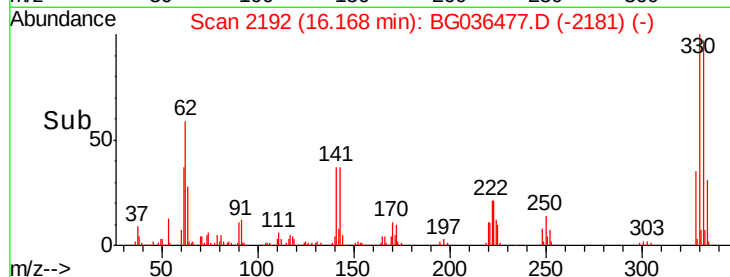
#66
 4-Bromophenyl-phenylether
 Concen: 3.756 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG036477.D
 Acq: 29 Aug 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 PB112436TB

Tgt Ion:248 Resp: 20035
 Ion Ratio Lower Upper
 248 100
 250 177.8 78.1 117.1#
 141 480.9 53.7 80.5#

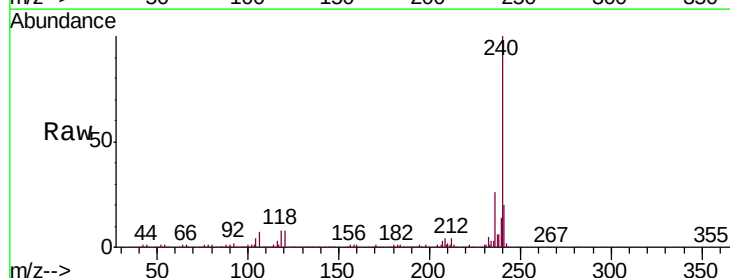


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

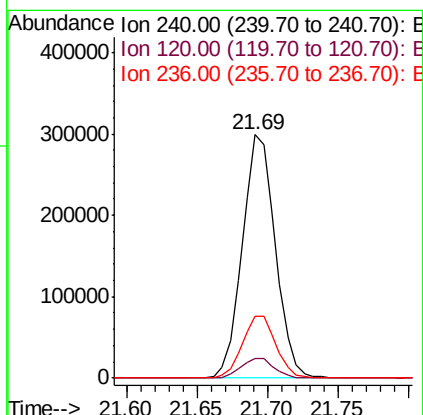
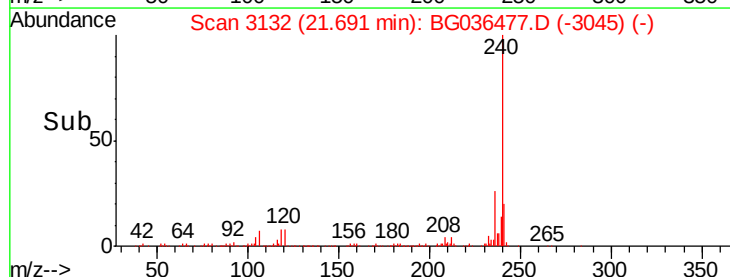


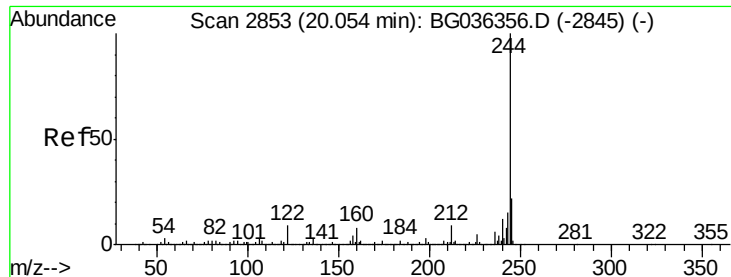
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036477.D
 Acq: 29 Aug 2018 3:27

Tgt Ion:240 Resp: 490312
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.9 10.3
 236 25.6 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: 81.835 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036477.D

Acq: 29 Aug 2018 3:27

Instrument :

BNA_G

ClientSampleId :

PB112436TB

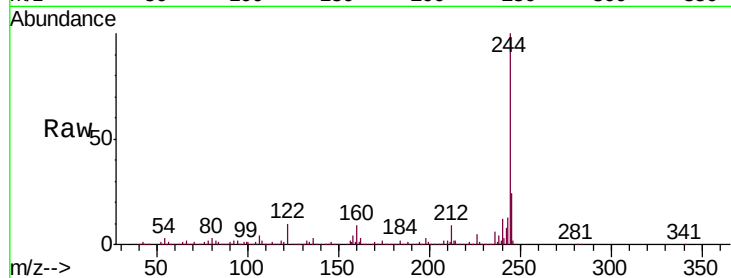
Tgt Ion:244 Resp: 1716681

Ion Ratio Lower Upper

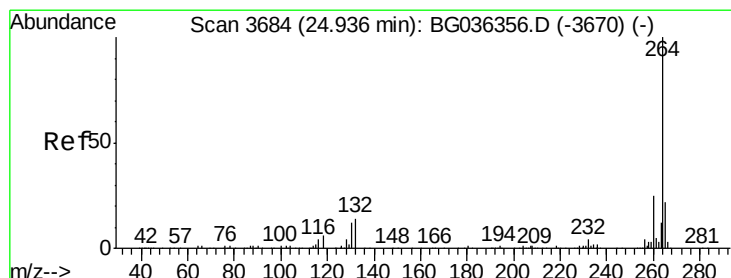
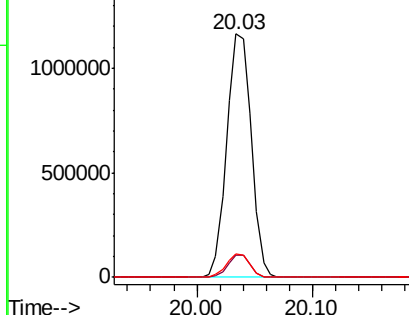
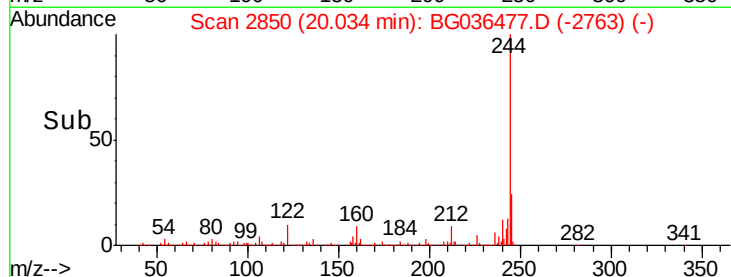
244 100

212 9.2 7.0 10.6

122 9.5 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# 3679

Delta R.T. -0.03 min

Lab File: BG036477.D

Acq: 29 Aug 2018 3:27

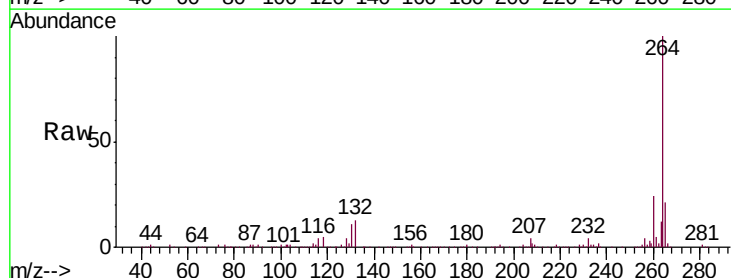
Tgt Ion:264 Resp: 488770

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 20.9 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

