

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061418\
 Data File : BG035157.D
 Acq On : 15 Jun 2018 4:14
 Operator : SJ/JU
 Sample : J3246-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218

Quant Time: Jun 15 07:24:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

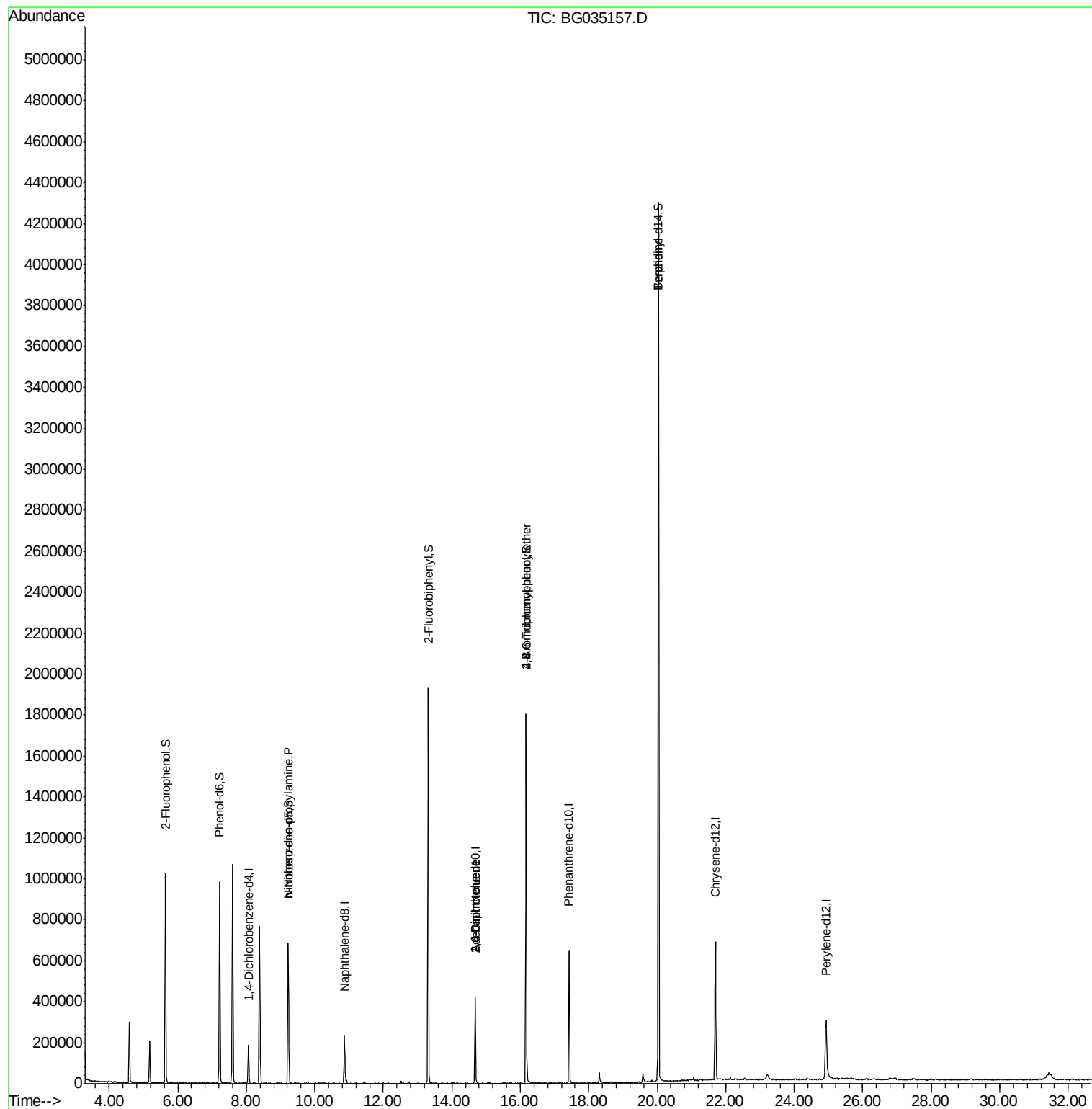
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52148	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	196669	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	144348	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	404901	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	437525	20.00	ng	-0.02
86) Perylene-d12	24.93	264	372980	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	435271	140.86	ng	0.00
7) Phenol-d6	7.22	99	600606	131.69	ng	0.00
23) Nitrobenzene-d5	9.23	82	456341	110.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	331887	179.61	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1030155	92.78	ng	-0.02
78) Terphenyl-d14	20.04	244	2009191	96.19	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	63900	16.492	ng	# 72
50) 2,6-Dinitrotoluene	14.68	165	19641	8.553	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	19641	6.439	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	26333	5.401	ng	# 1
76) Benzidine	20.04	184	35981	2.210	ng	# 91

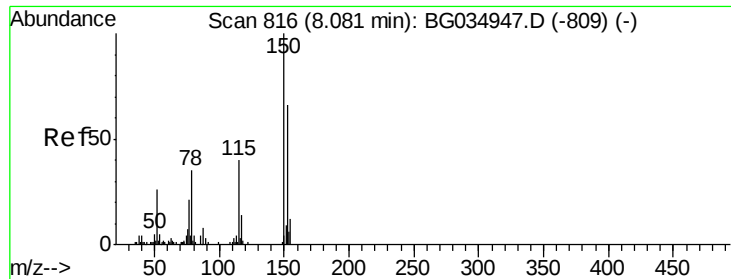
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG035157.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-061218

Quant Time: Jun 15 07:24:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



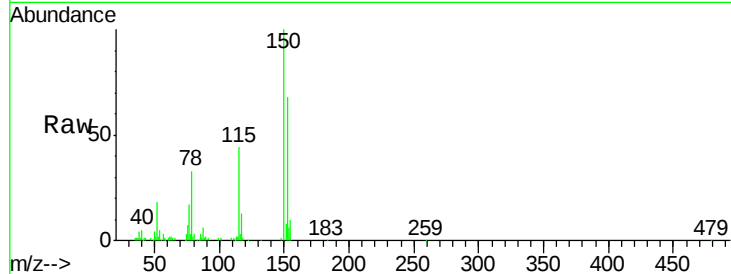


#1

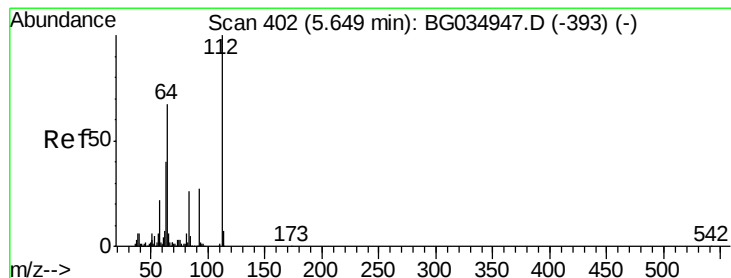
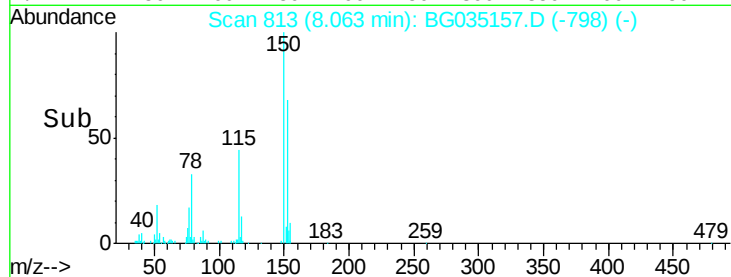
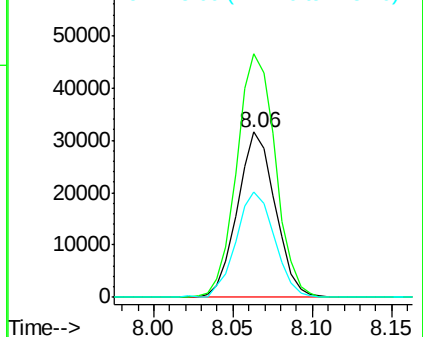
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035157.D
Acq: 15 Jun 2018 4:14

Instrument :
BNA_G
ClientSampleId :
OK-02-061218

Tgt Ion:152 Resp: 52148
Ion Ratio Lower Upper
152 100
150 147.5 126.6 189.8
115 64.2 53.0 79.4



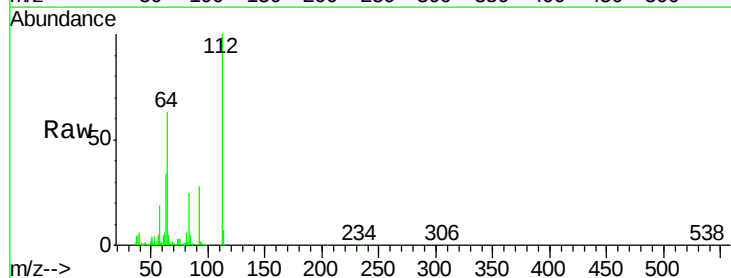
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



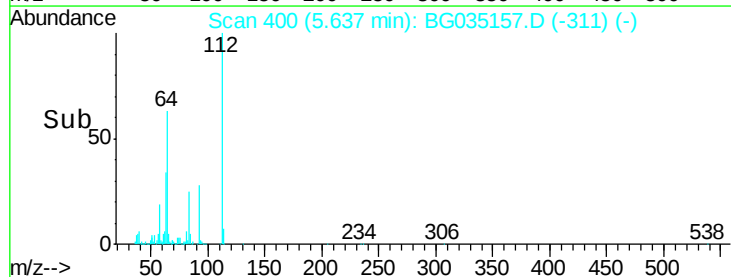
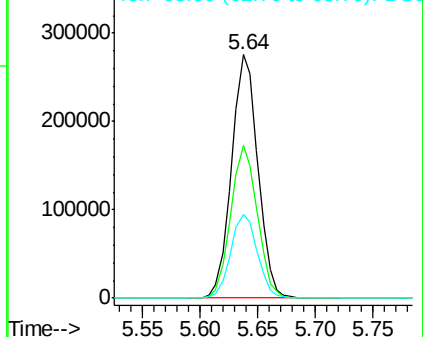
#5

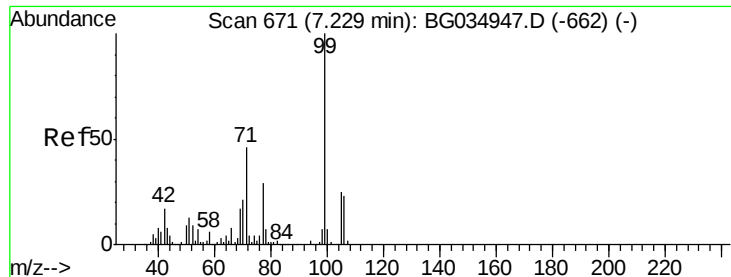
2-Fluorophenol
Concen: 140.862 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035157.D
Acq: 15 Jun 2018 4:14

Tgt Ion:112 Resp: 435271
Ion Ratio Lower Upper
112 100
64 62.7 56.3 84.5
63 34.1 30.1 45.1



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





#7

Phenol-d6

Concen: 131.691 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035157.D

Acq: 15 Jun 2018 4:14

Instrument :

BNA_G

ClientSampleId :

OK-02-061218

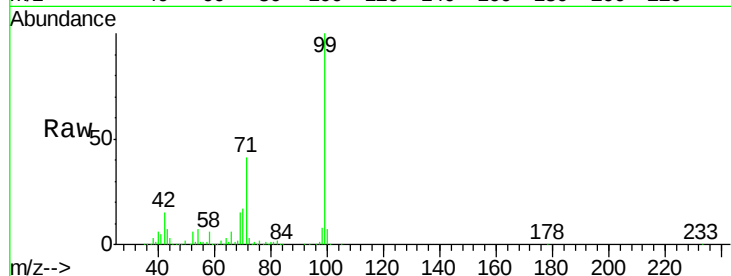
Tgt Ion: 99 Resp: 600606

Ion Ratio Lower Upper

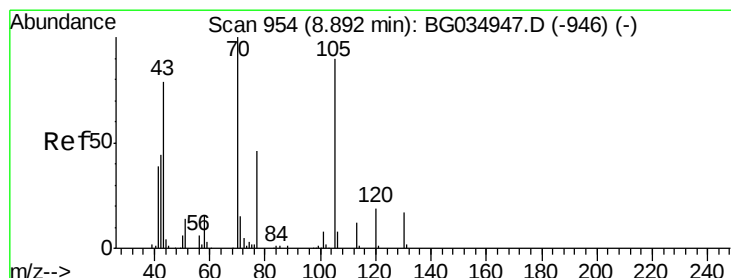
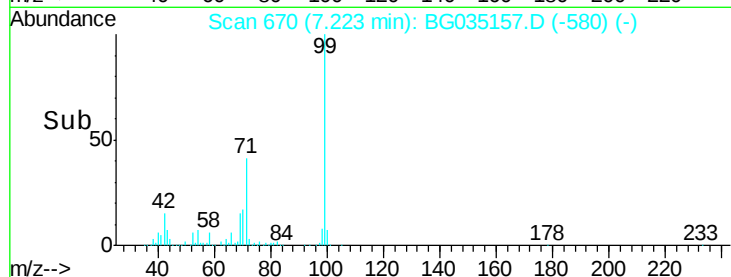
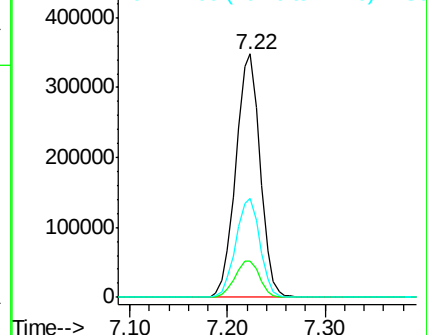
99 100

42 15.1 14.1 21.1

71 40.7 26.1 39.1#



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: 16.492 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035157.D

Acq: 15 Jun 2018 4:14

Tgt Ion: 70 Resp: 63900

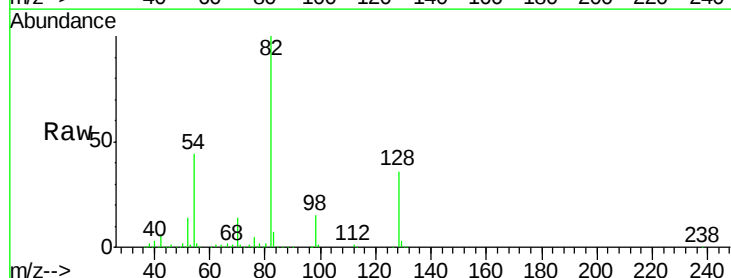
Ion Ratio Lower Upper

70 100

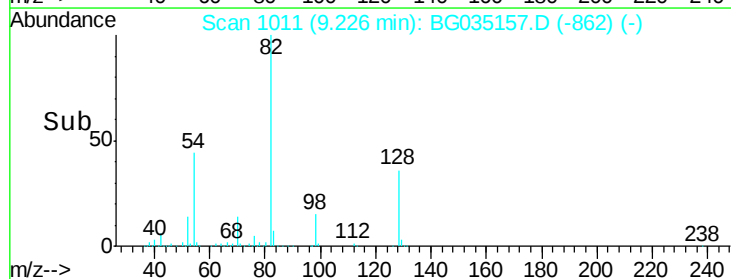
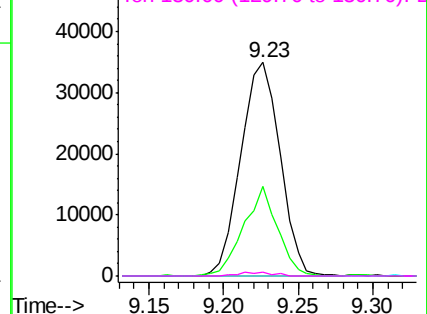
42 41.8 49.1 73.7#

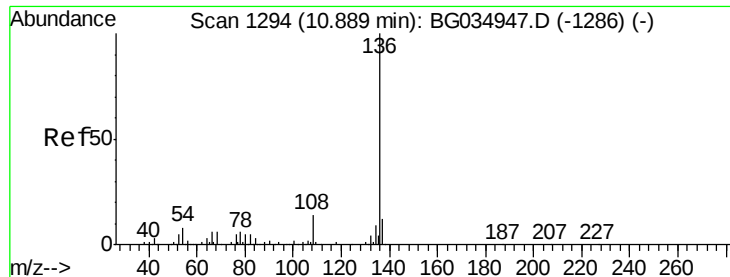
101 0.0 8.5 12.7#

130 1.8 13.4 20.0#



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# 1291

Delta R.T. -0.01 min

Lab File: BG035157.D

Acq: 15 Jun 2018 4:14

Instrument :

BNA_G

ClientSampleId :

OK-02-061218

Tgt Ion:136 Resp: 196669

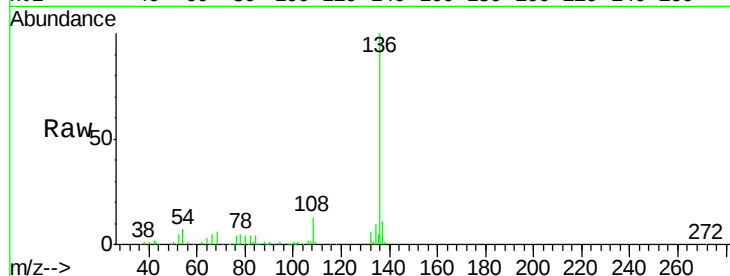
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.2 10.3 15.5#

68 6.1 4.5 6.7

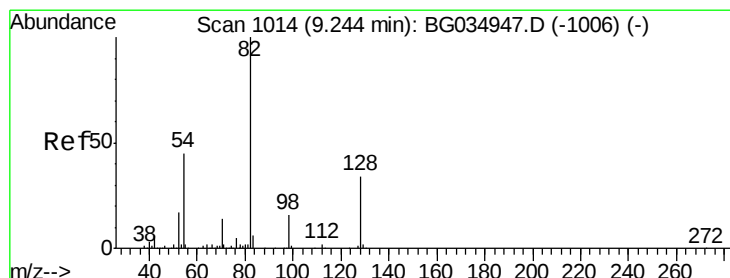
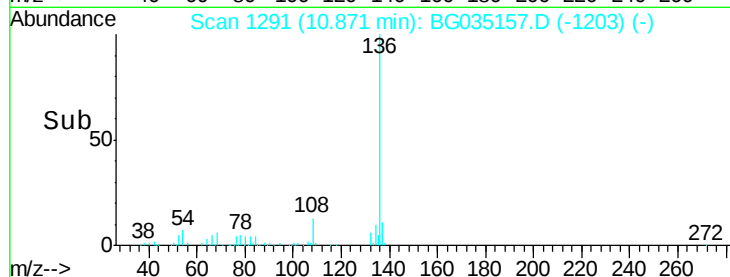
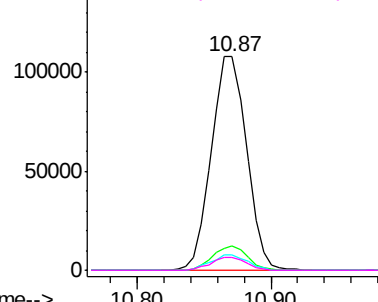


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 110.296 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG035157.D

Acq: 15 Jun 2018 4:14

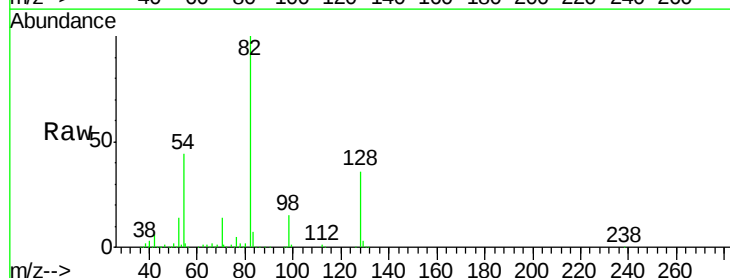
Tgt Ion: 82 Resp: 456341

Ion Ratio Lower Upper

82 100

128 36.1 29.7 44.5

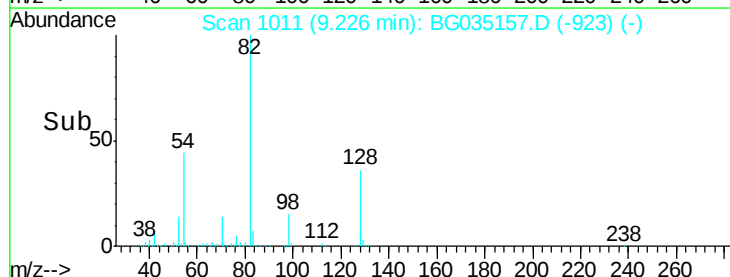
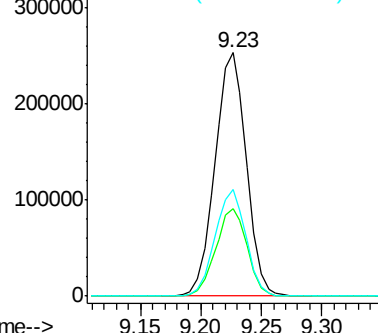
54 43.9 43.1 64.7

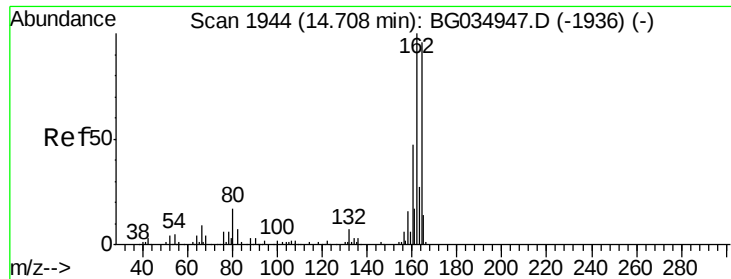


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

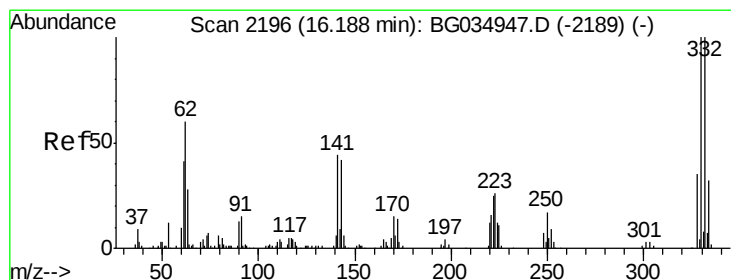
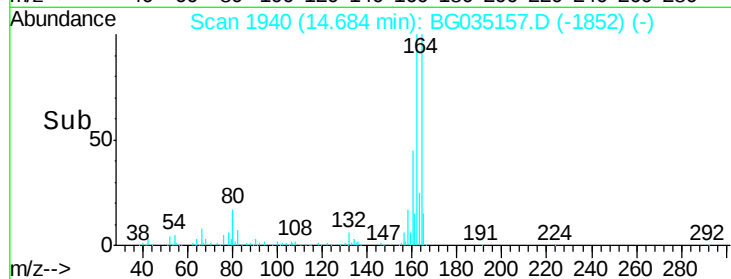
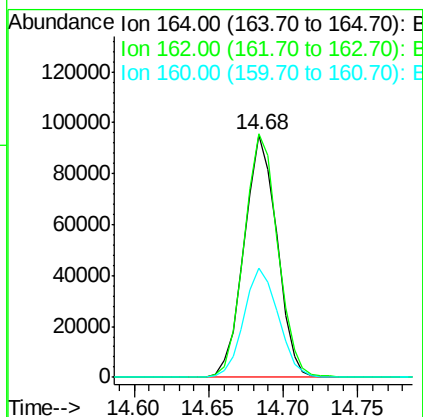
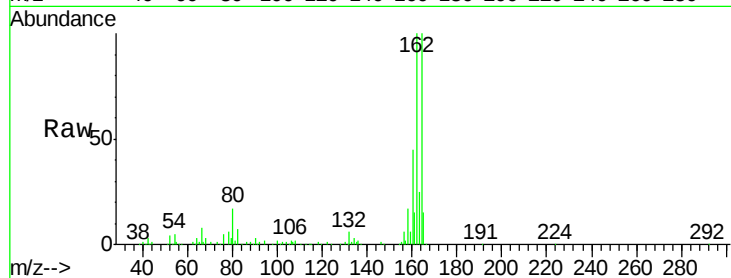




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035157.D
 Acq: 15 Jun 2018 4:14

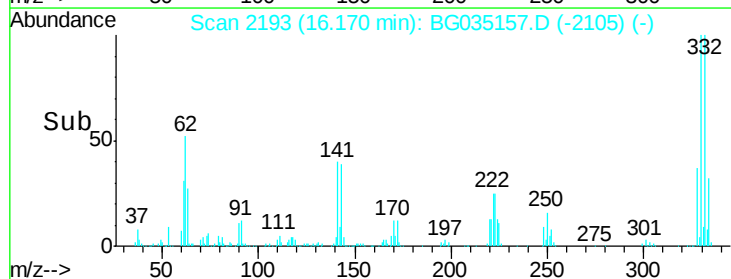
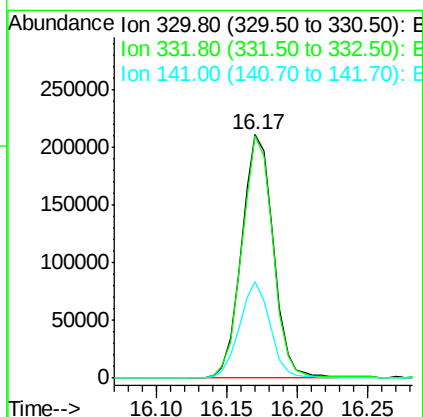
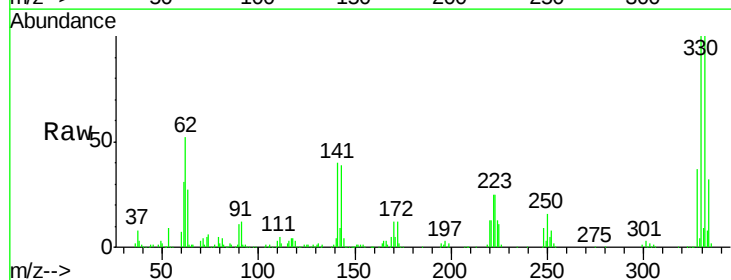
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218

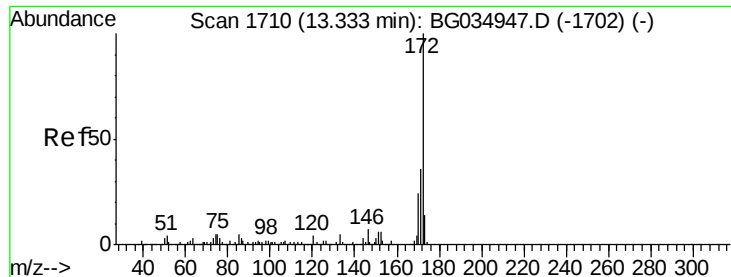
Tgt Ion:164 Resp: 144348
 Ion Ratio Lower Upper
 164 100
 162 100.4 78.8 118.2
 160 44.9 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 179.608 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035157.D
 Acq: 15 Jun 2018 4:14

Tgt Ion:330 Resp: 331887
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 38.8 25.2 37.8#

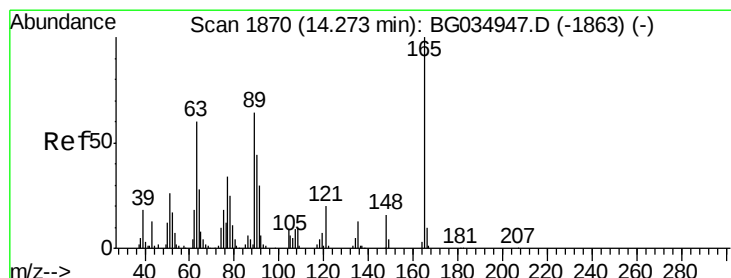
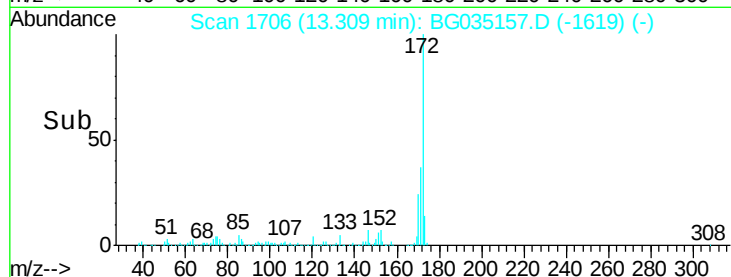
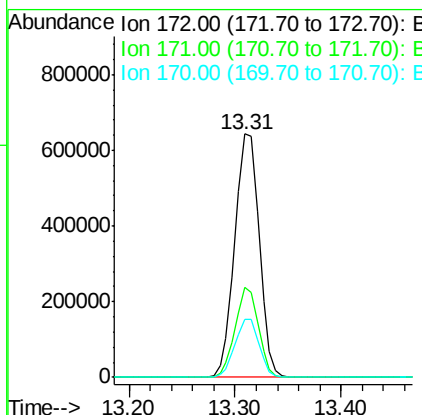
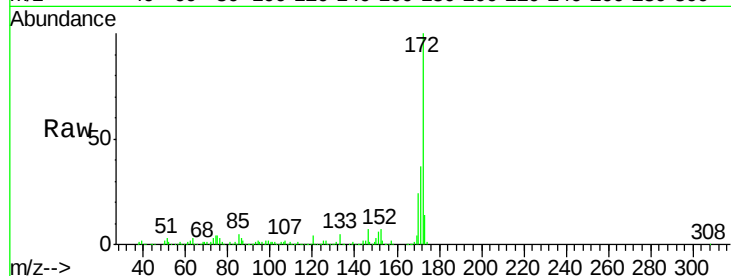




#44
 2-Fluorobiphenyl
 Concen: 92.776 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035157.D
 Acq: 15 Jun 2018 4:14

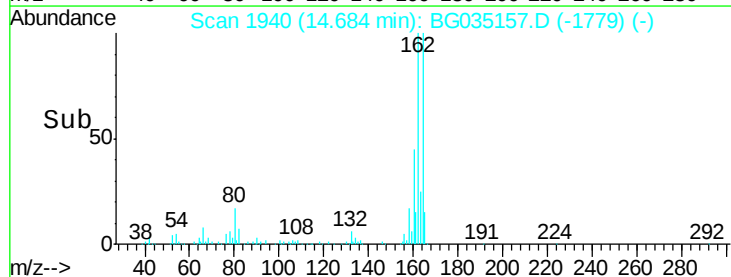
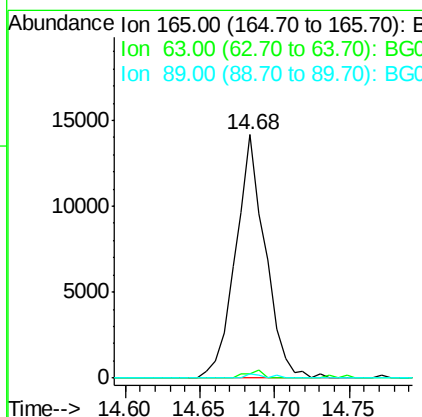
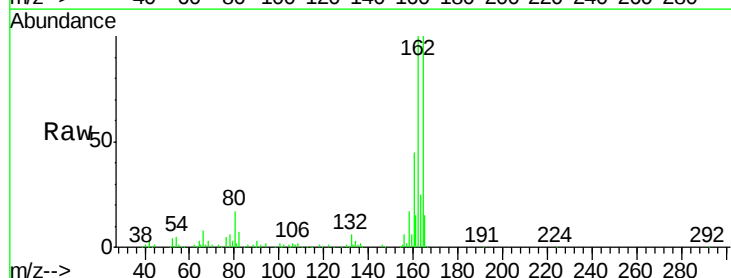
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218

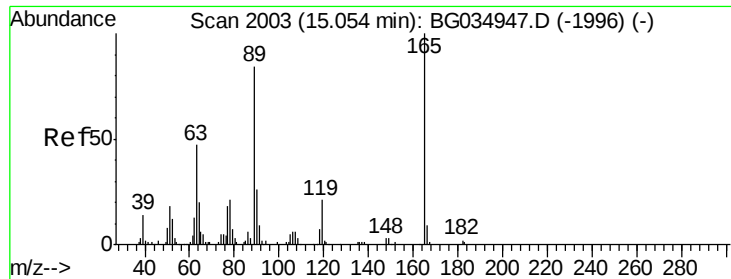
Tgt Ion:172 Resp: 1030155
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 23.9 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.553 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG035157.D
 Acq: 15 Jun 2018 4:14

Tgt Ion:165 Resp: 19641
 Ion Ratio Lower Upper
 165 100
 63 1.8 52.7 79.1#
 89 2.0 49.2 73.8#

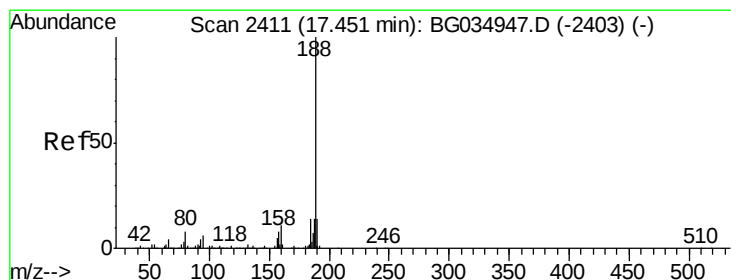
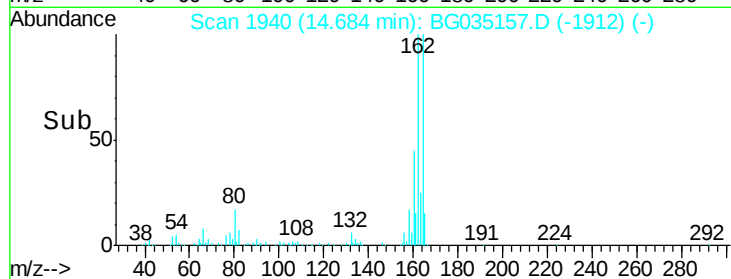
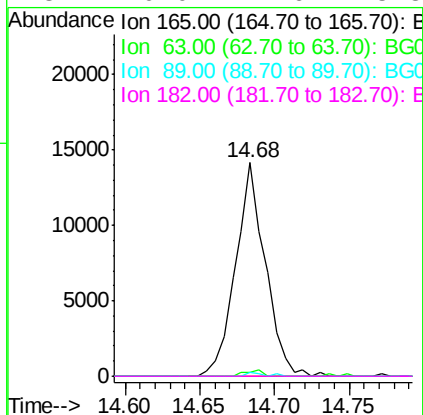
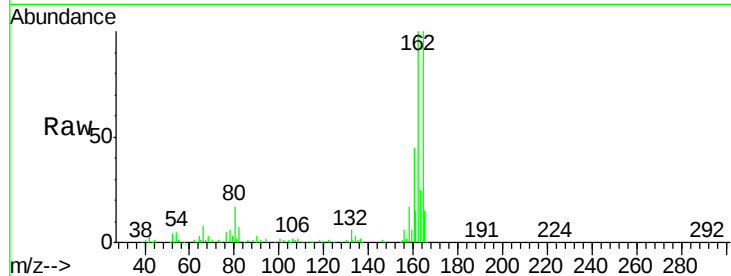




#56
 2,4-Dinitrotoluene
 Concen: 6.439 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035157.D
 Acq: 15 Jun 2018 4:14

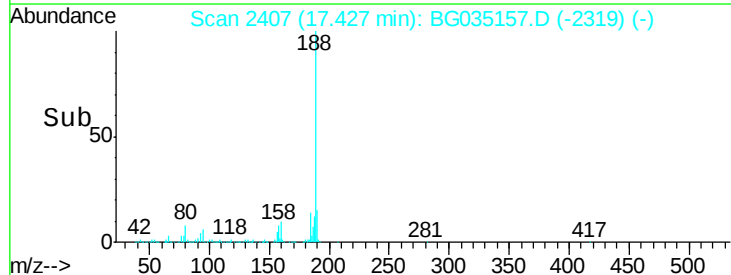
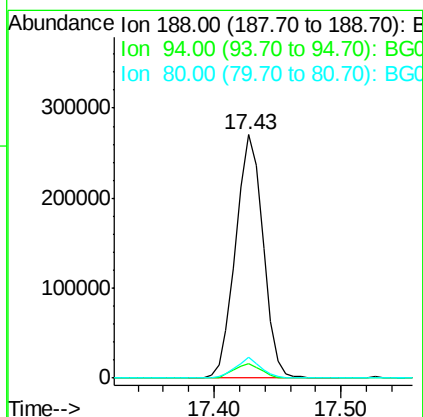
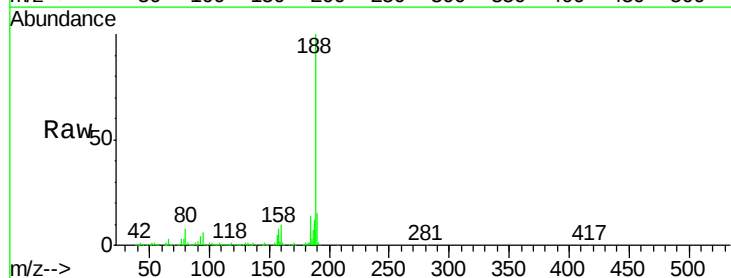
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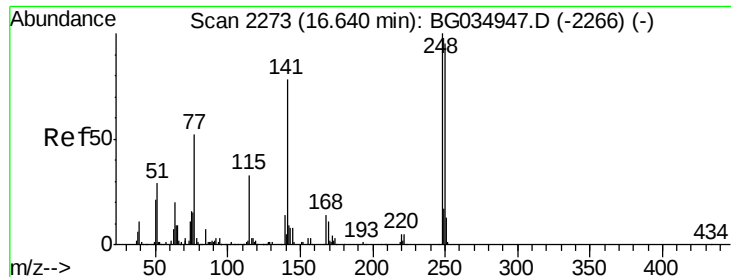
Tgt Ion:165 Resp: 19641
 Ion Ratio Lower Upper
 165 100
 63 1.8 42.0 63.0#
 89 2.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035157.D
 Acq: 15 Jun 2018 4:14

Tgt Ion:188 Resp: 404901
 Ion Ratio Lower Upper
 188 100
 94 6.0 6.9 10.3#
 80 8.5 7.7 11.5

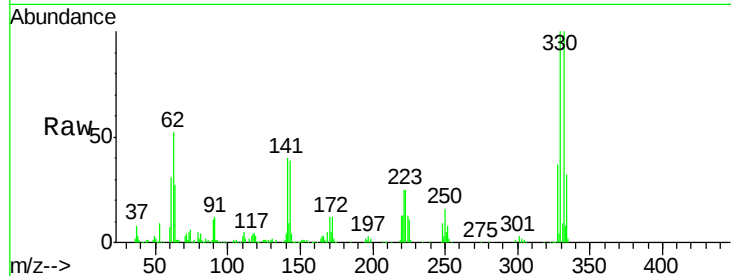




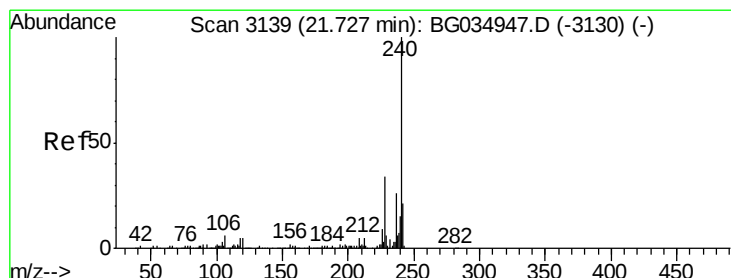
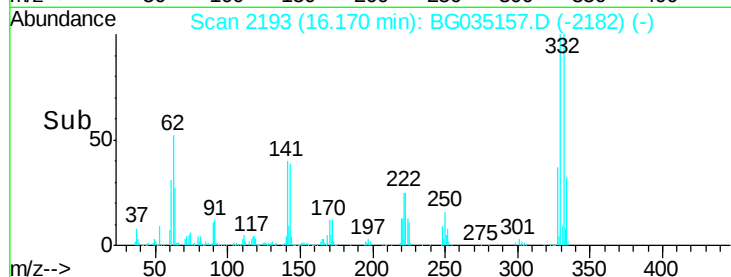
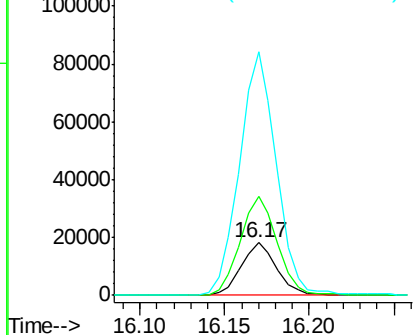
#66
4-Bromophenyl-phenylether
Concen: 5.401 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.47 min
Lab File: BG035157.D
Acq: 15 Jun 2018 4:14

Instrument :
BNA_G
ClientSampleId :
OK-02-061218

Tgt Ion:248 Resp: 26333
Ion Ratio Lower Upper
248 100
250 188.5 77.1 115.7#
141 465.5 50.8 76.2#

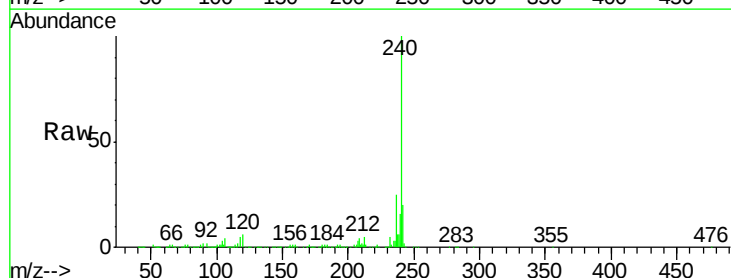


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

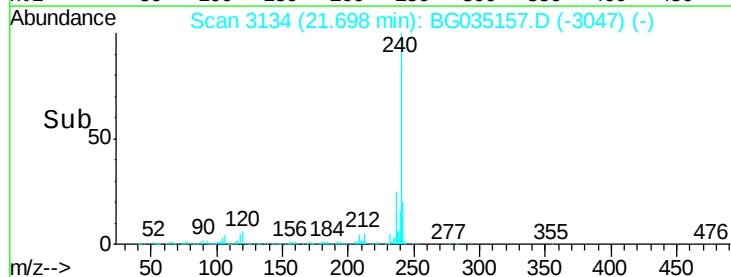
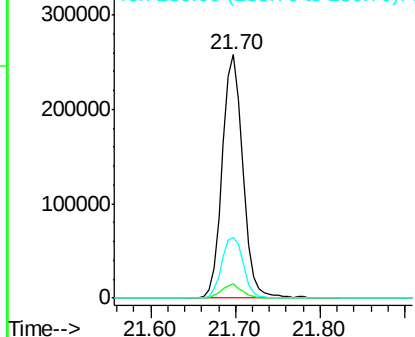


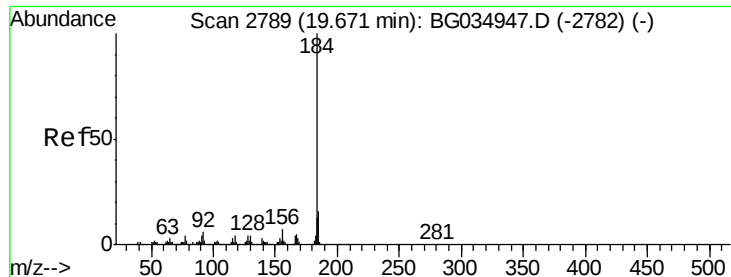
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BG035157.D
Acq: 15 Jun 2018 4:14

Tgt Ion:240 Resp: 437525
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 25.1 20.9 31.3



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





#76

Benzidine

Concen: 2.210 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.37 min

Lab File: BG035157.D

Acq: 15 Jun 2018 4:14

Instrument :

BNA_G

ClientSampleId :

OK-02-061218

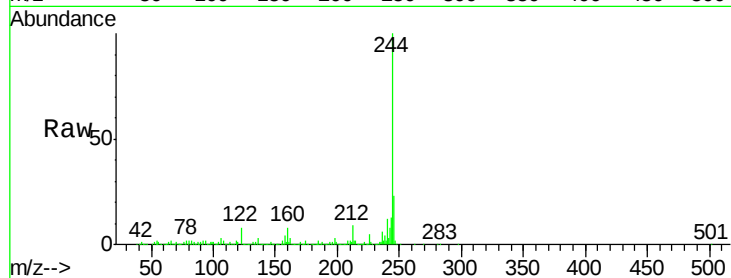
Tgt Ion:184 Resp: 35981

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

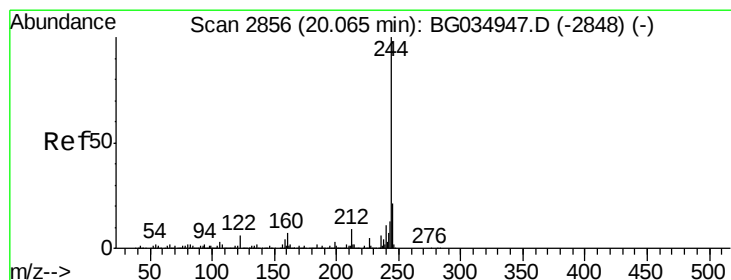
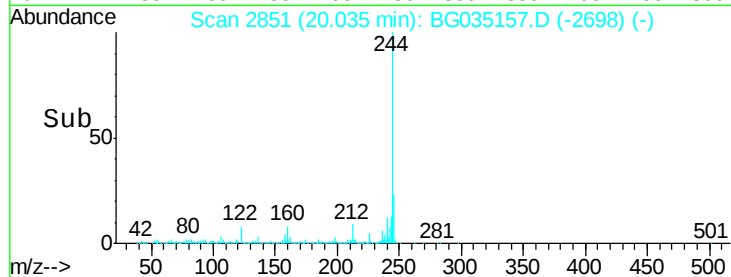
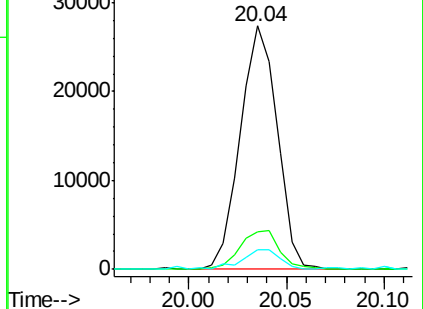
183 7.9 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 96.191 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035157.D

Acq: 15 Jun 2018 4:14

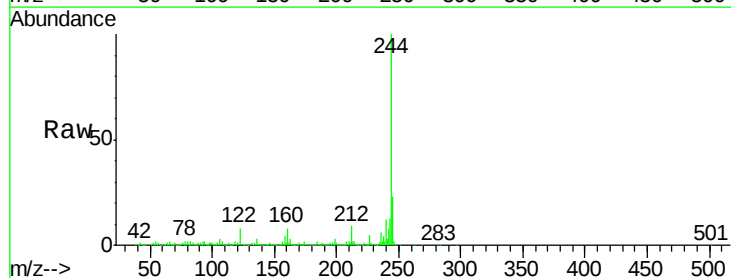
Tgt Ion:244 Resp: 2009191

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

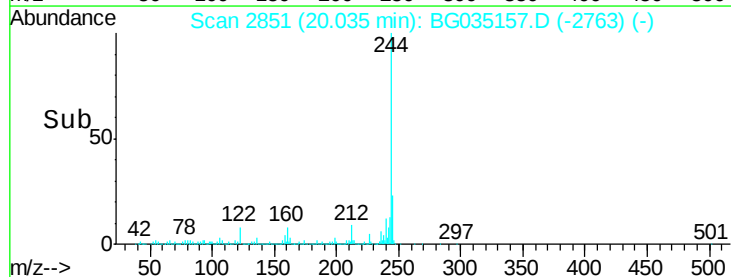
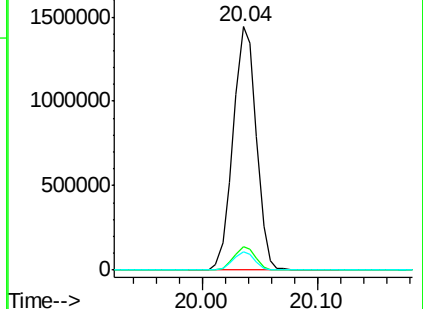
122 7.5 7.0 10.4

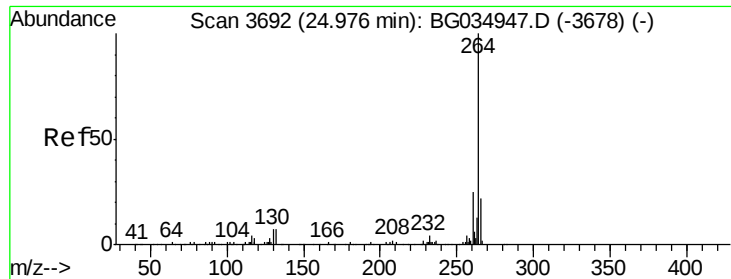


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.93 min Scan# 3684
Delta R.T. -0.02 min
Lab File: BG035157.D
Acq: 15 Jun 2018 4:14

Instrument :
BNA_G
ClientSampleId :
OK-02-061218

Tgt Ion: 264 Resp: 372980

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	20.9	17.7	26.5

