

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 07:38:52 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

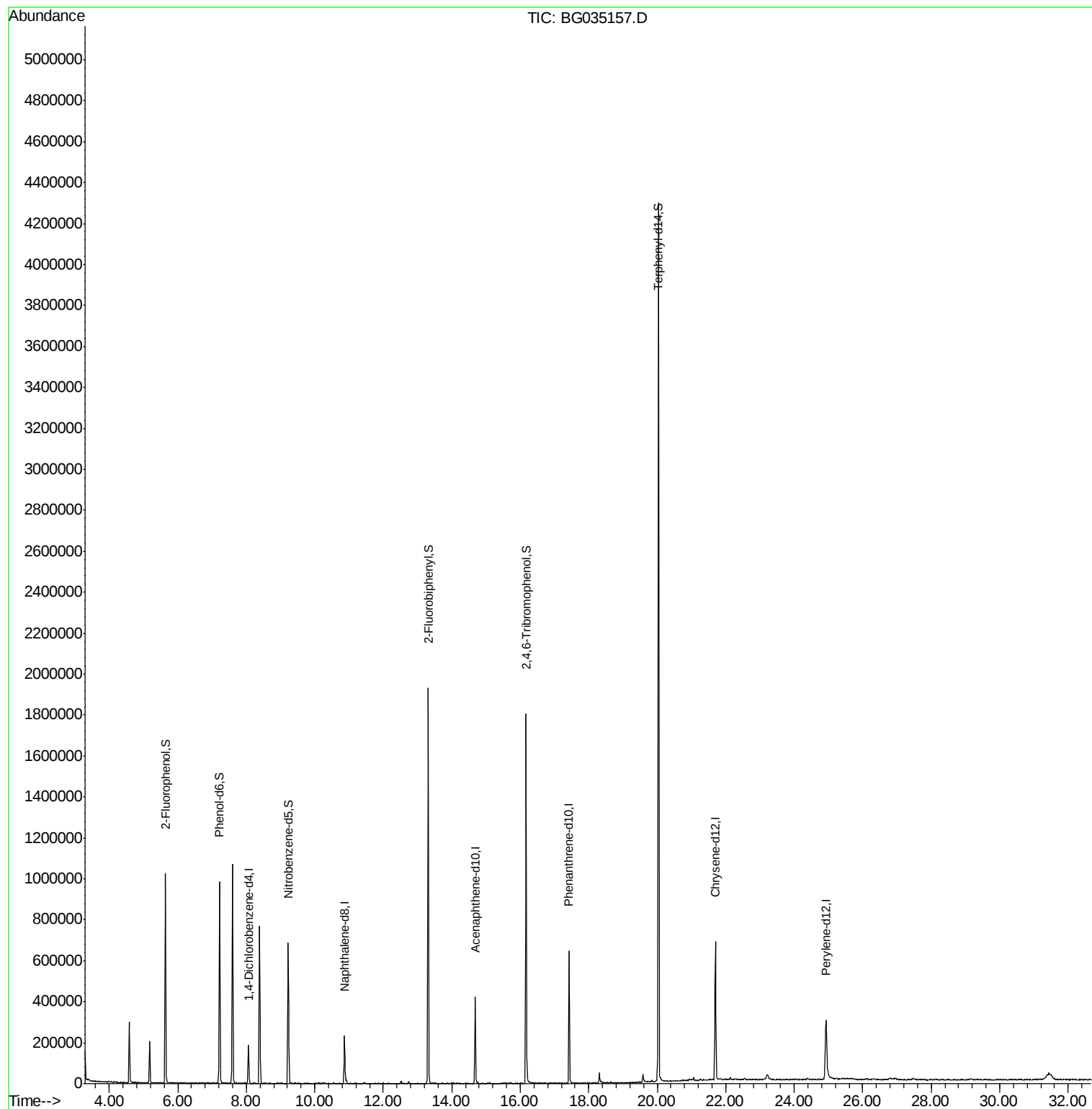
Target Compounds Qvalue

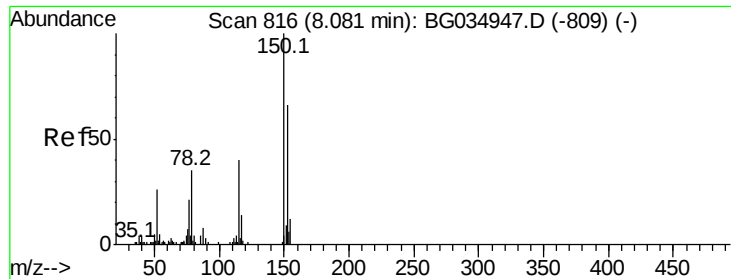
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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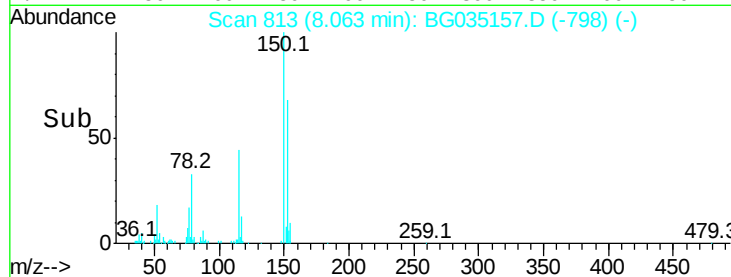
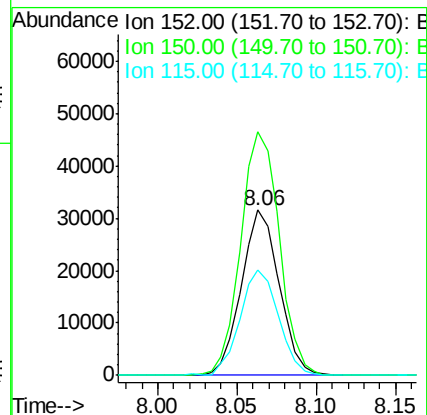
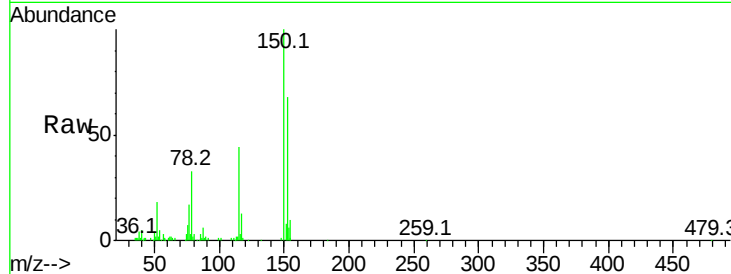


#1

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

Instrument :
BNA_G
ClientSampleId :
OK-02-061218

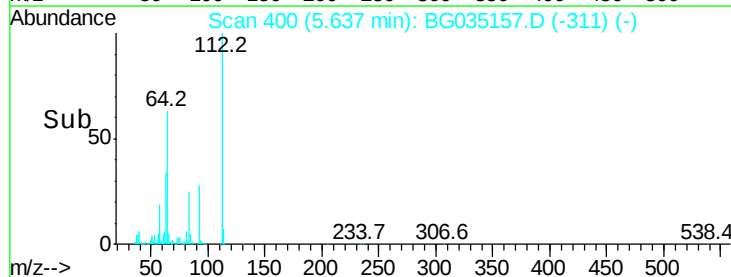
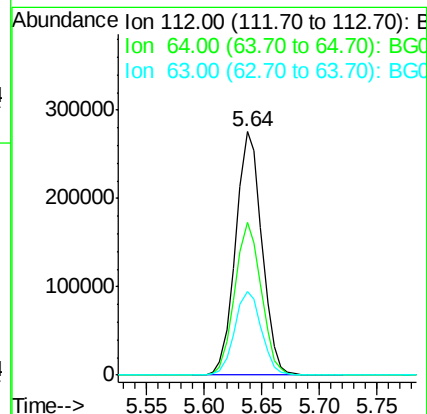
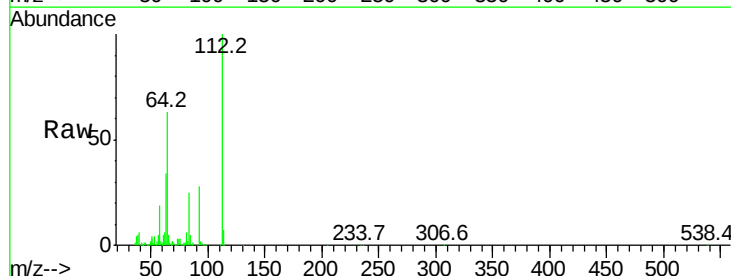
Tot Ion:152 Resp: 52148
Ion Ratio Lower Upper
152 100
150 147.5 126.6 189.8
115 64.2 53.0 79.4

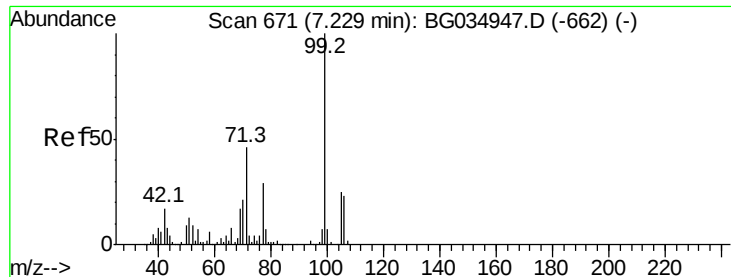


#5

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





#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

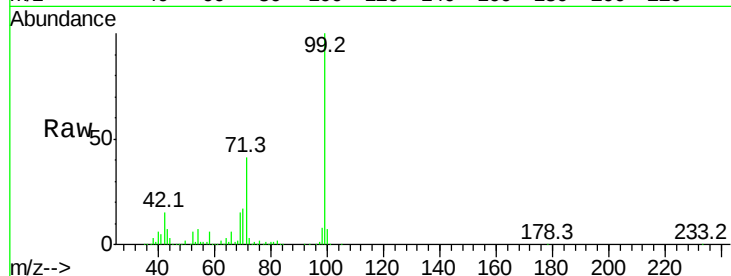
Tot Ion: 99 Resp: 600606

Ion Ratio Lower Upper

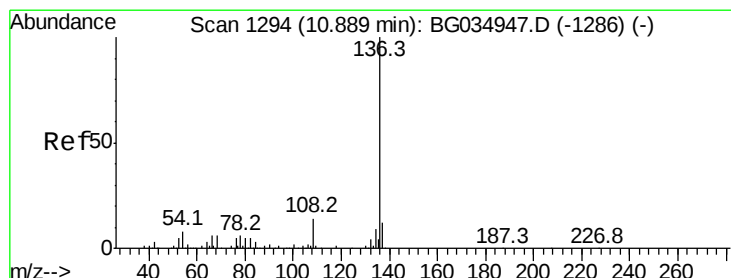
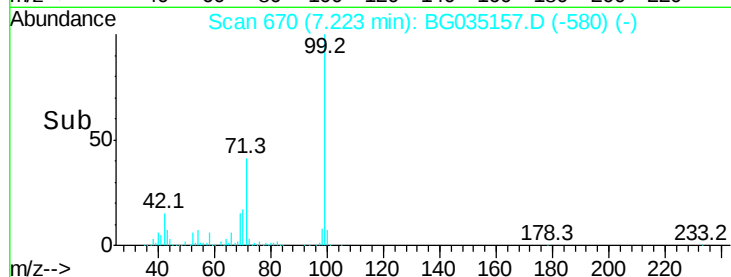
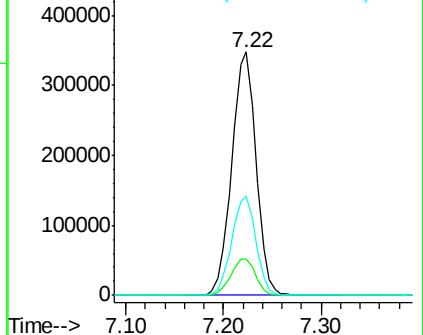
99 100

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



#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

Tgt Ion: 136 Resp: 196669

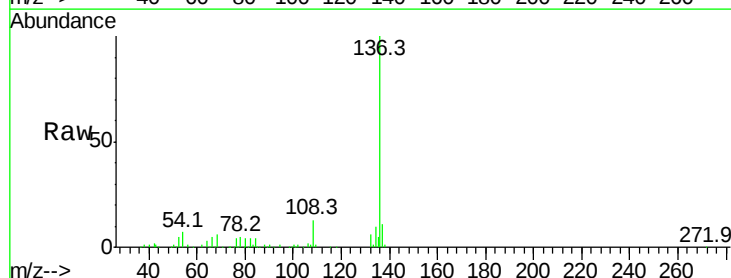
Ion Ratio Lower Upper

136 100

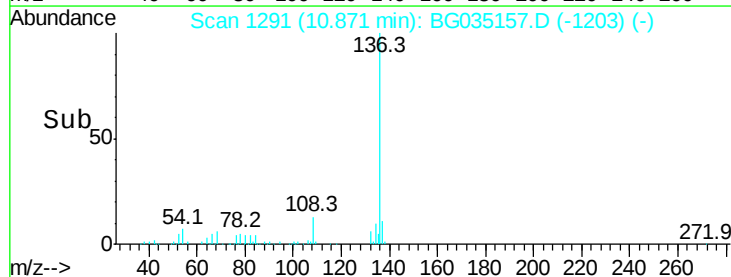
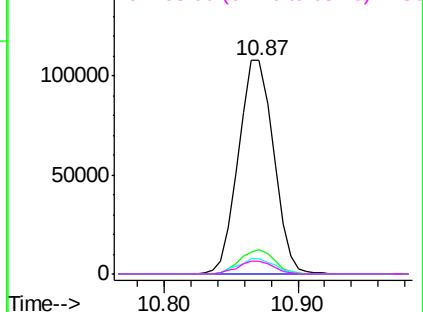
137 11.1 9.2 13.8

54 7.2 10.3 15.5#

68 6.1 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
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

Instrument :

BNA_G

ClientSampleId :

OK-02-061218

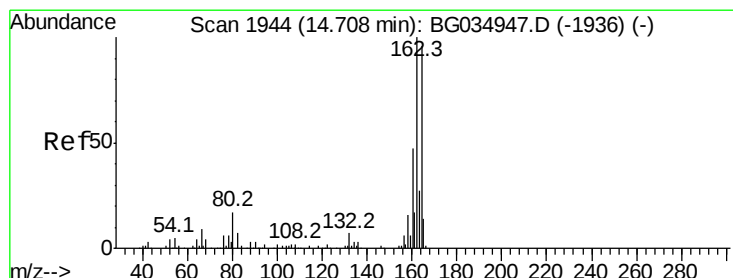
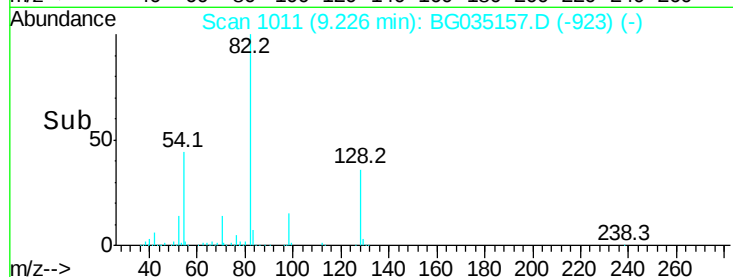
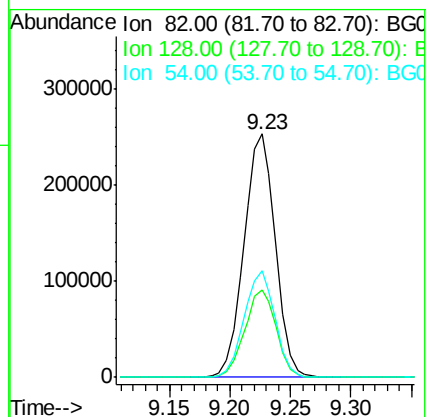
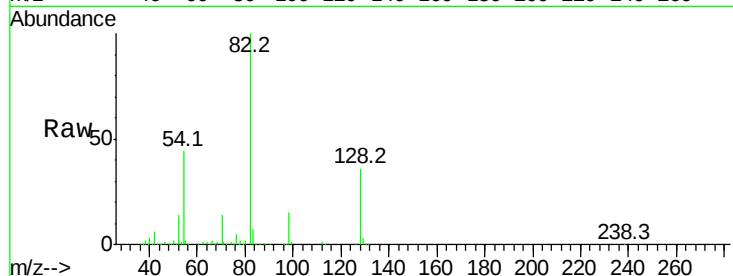
Tot Ion: 82 Resp: 456341

Ion Ratio Lower Upper

82 100

128 36.1 29.7 44.5

54 43.9 43.1 64.7



#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

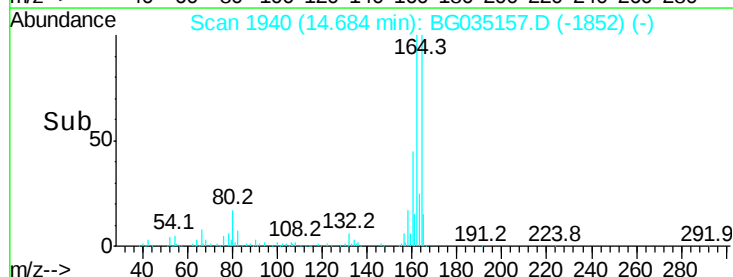
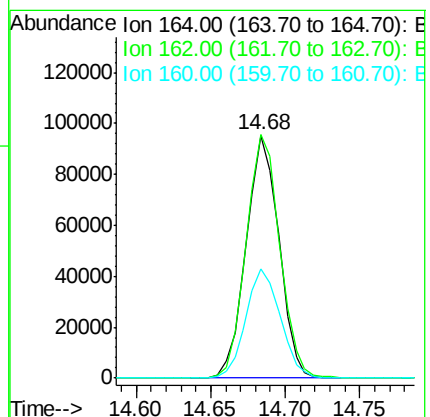
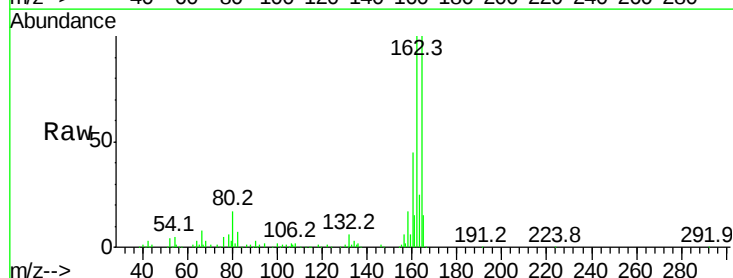
Tgt Ion: 164 Resp: 144348

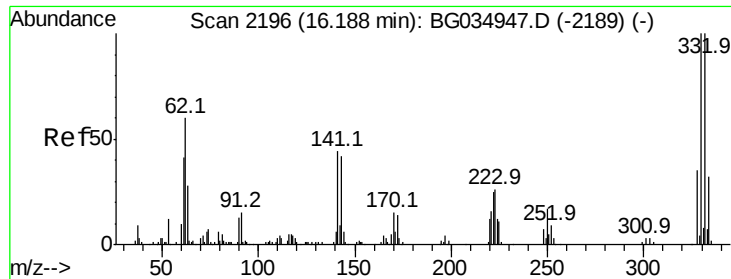
Ion Ratio Lower Upper

164 100

162 100.4 78.8 118.2

160 44.9 35.4 53.0

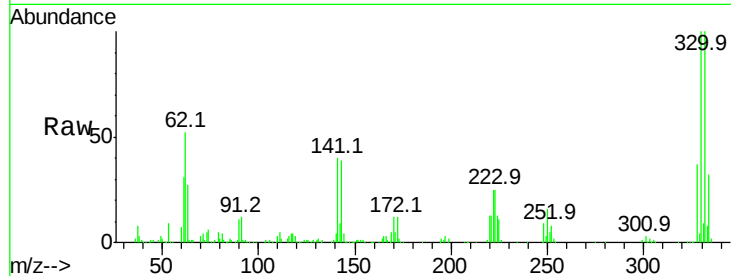




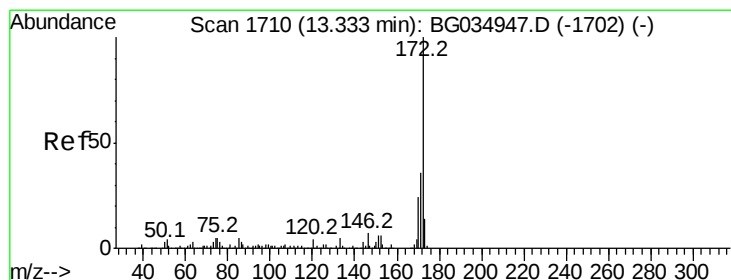
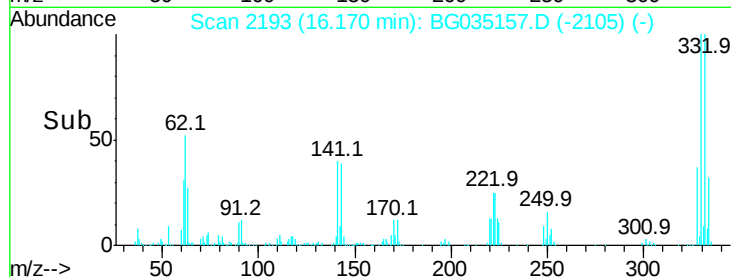
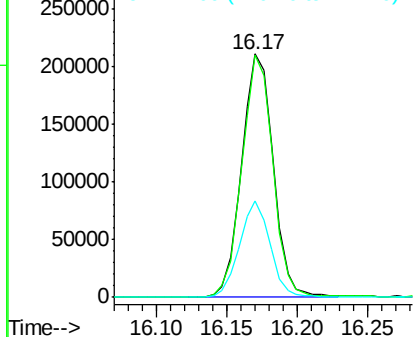
#41
 2,4,6-Tribromophenol
 Concen: 179.608 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035157.D
 Acq: 15 Jun 2018 4:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218

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

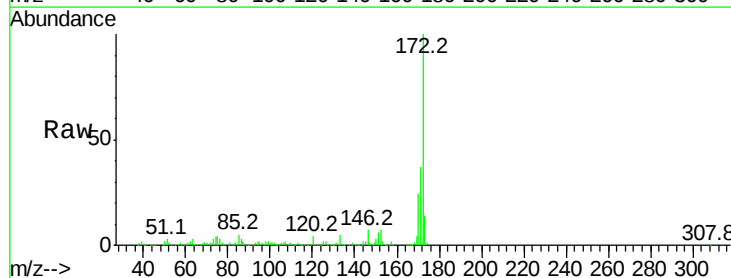


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

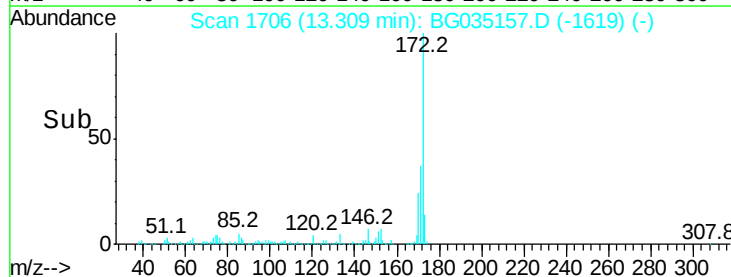
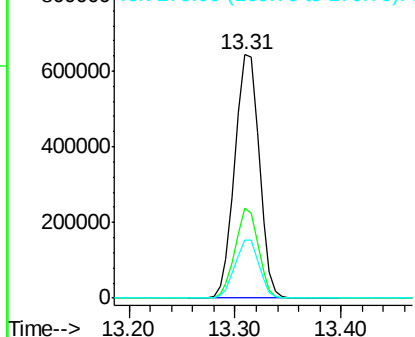


#44
 2-Fluorobiphenyl
 Concen: 92.776 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035157.D
 Acq: 15 Jun 2018 4:14

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



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





#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

Instrument :

BNA_G

ClientSampleId :

OK-02-061218

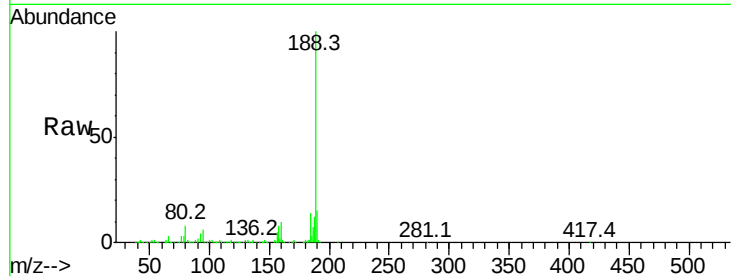
Tot Ion:188 Resp: 404901

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

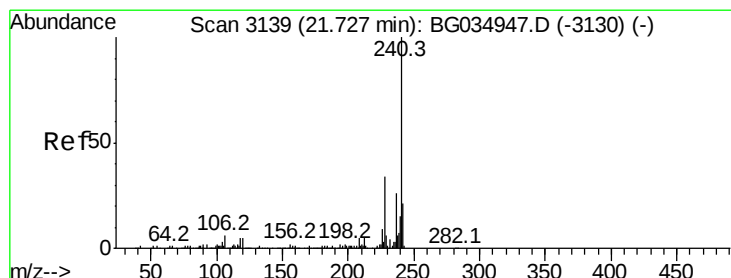
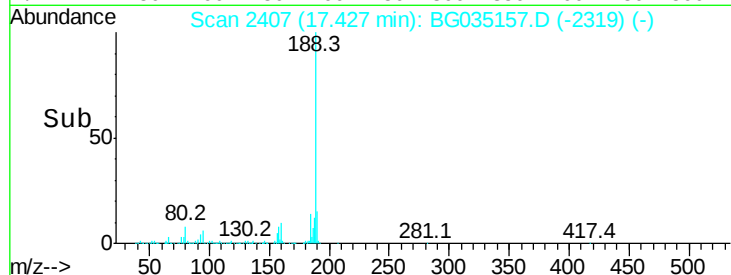
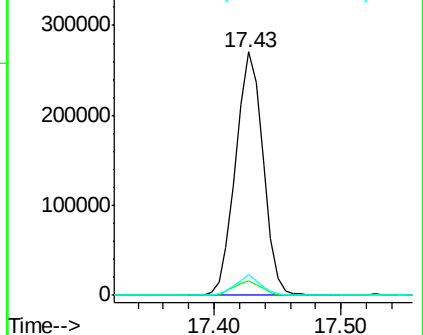
80 8.5 7.7 11.5



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



#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

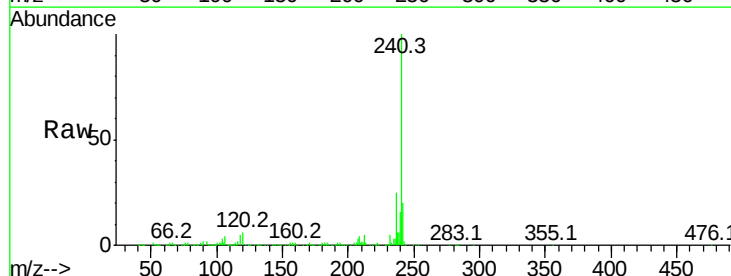
Tgt Ion:240 Resp: 437525

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

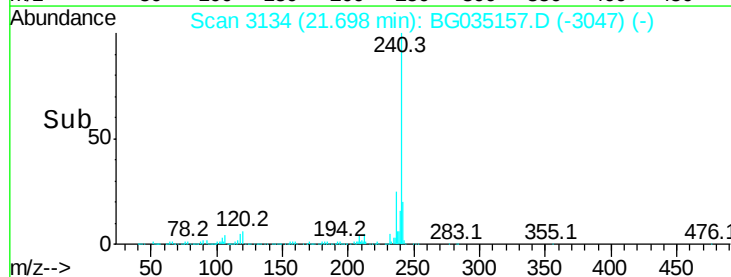
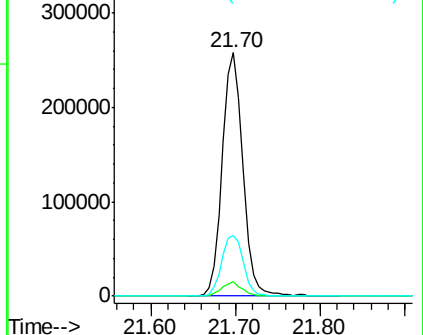
236 25.1 20.9 31.3

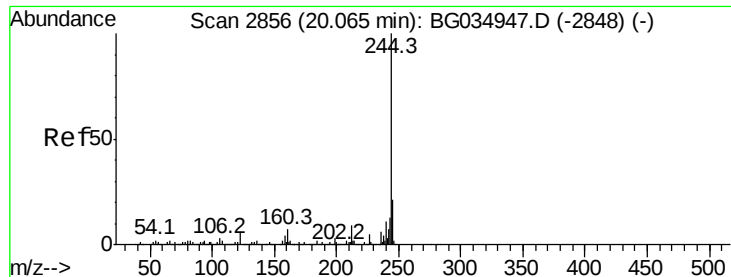


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#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

Instrument :

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OK-02-061218

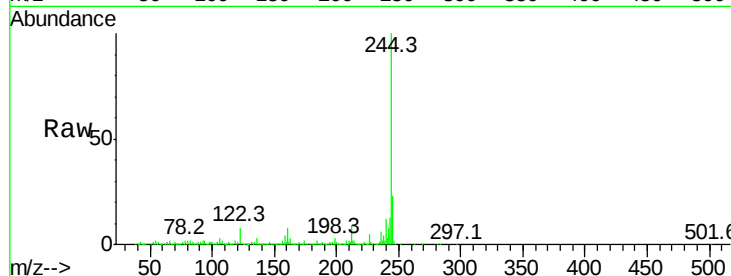
Tot Ion:244 Resp: 2009191

Ion Ratio Lower Upper

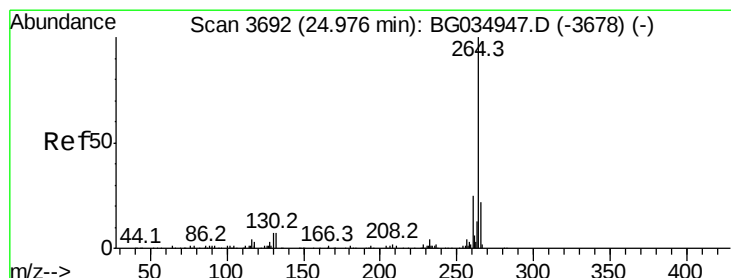
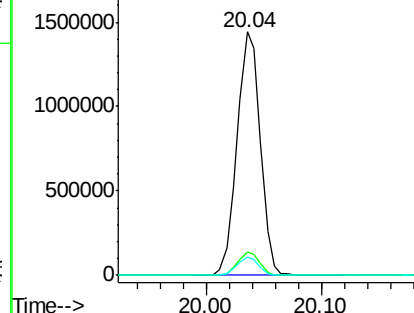
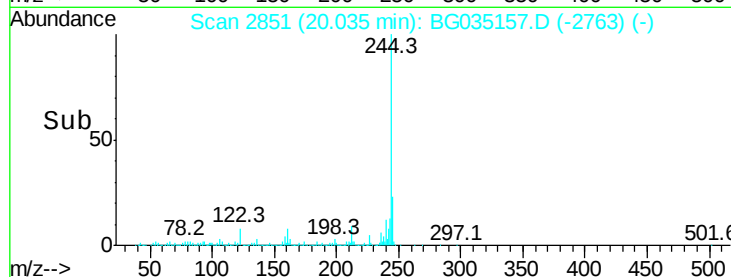
244 100

212 9.4 5.8 8.8#

122 7.5 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
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

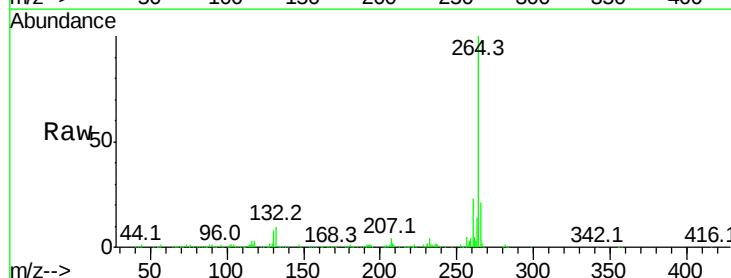
Tgt Ion:264 Resp: 372980

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 20.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
150000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

