

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
 Data File : BG035257.D
 Acq On : 19 Jun 2018 20:57
 Operator : SJ/JU
 Sample : J3548-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061318-DBRI-E-D-M

Quant Time: Jun 19 22:45:24 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

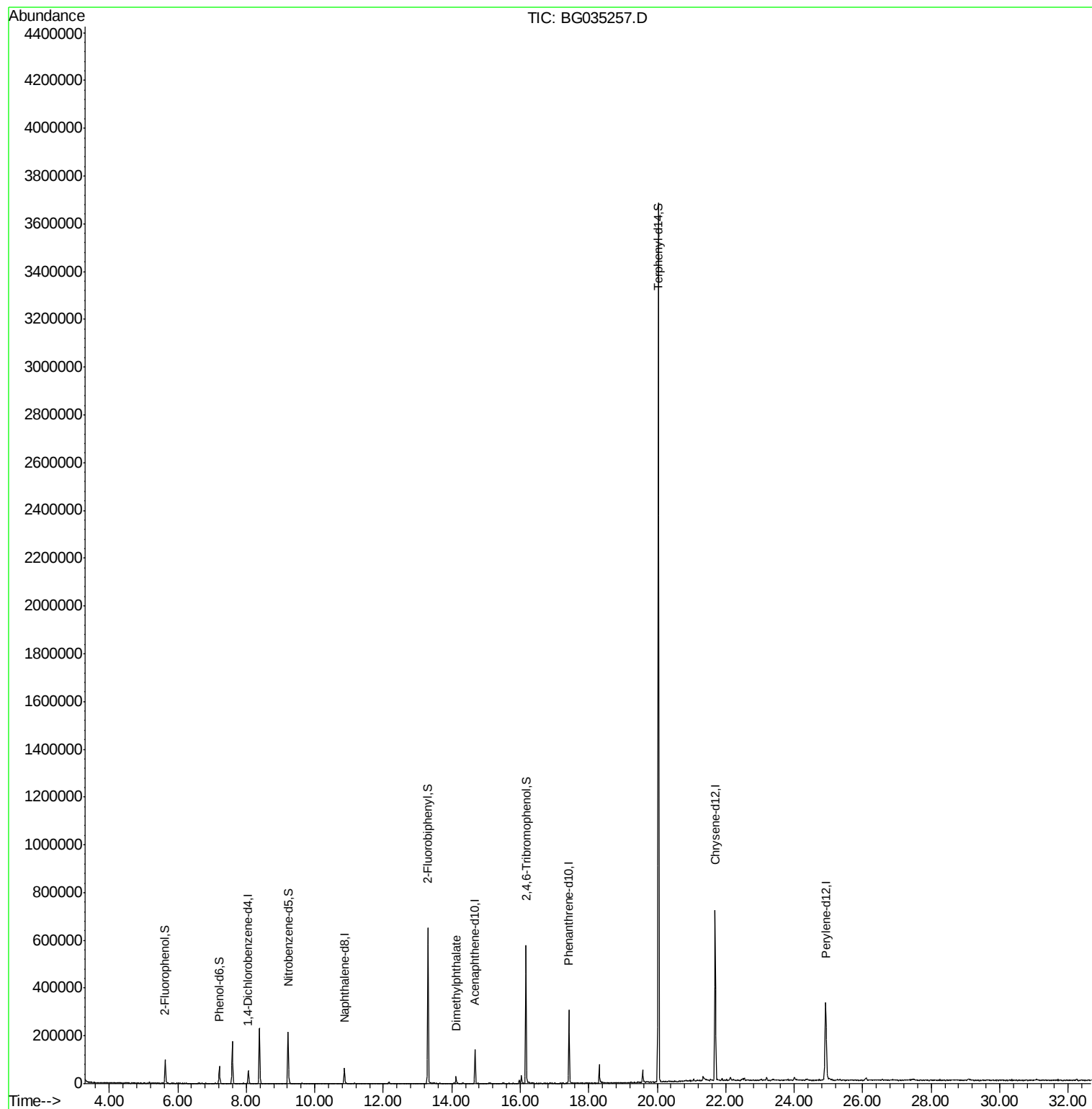
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	16520	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	59608	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	48044	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	206248	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	440394	20.00	ng	-0.03
86) Perylene-d12	24.92	264	374789	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	45580	46.56	ng	-0.01
7) Phenol-d6	7.21	99	45226	31.30	ng	-0.01
23) Nitrobenzene-d5	9.22	82	147528	117.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	103759	168.71	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	349255	94.50	ng	-0.03
78) Terphenyl-d14	20.03	244	1788779	85.08	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.13	163	20244	4.832	ng	97

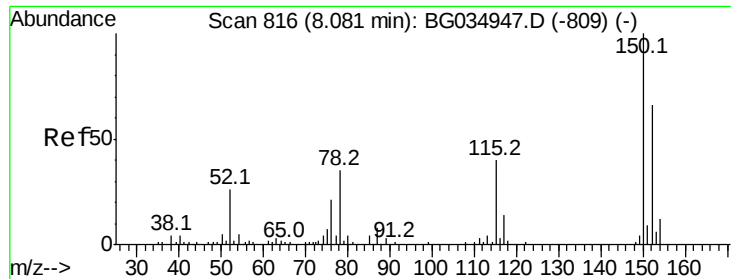
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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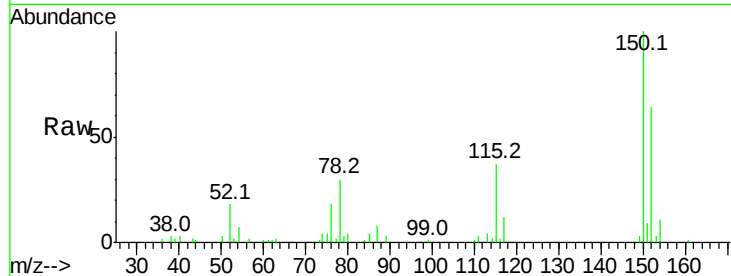


#1

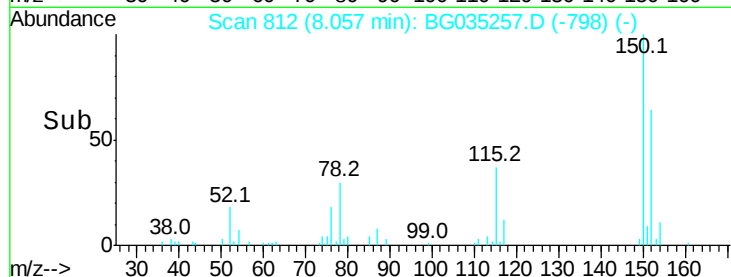
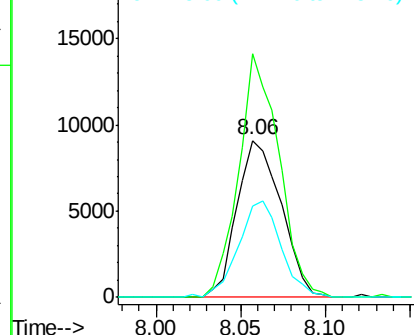
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035257.D
Acq: 19 Jun 2018 20:57

Instrument :
BNA_G
ClientSampleId :
061318-DBRI-E-D-M

Tot Ion:152 Resp: 16520
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 57.9 53.0 79.4



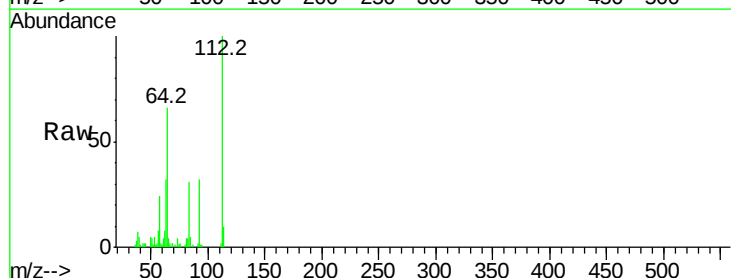
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



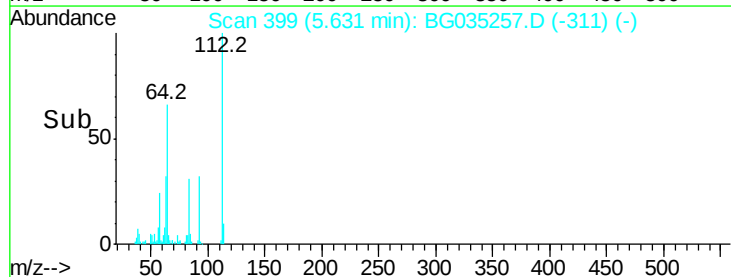
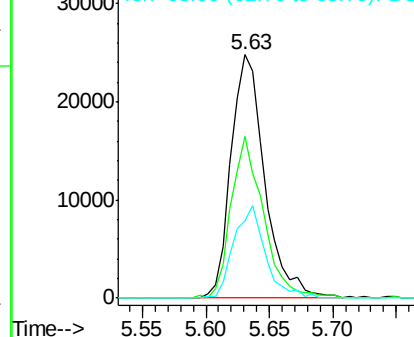
#5

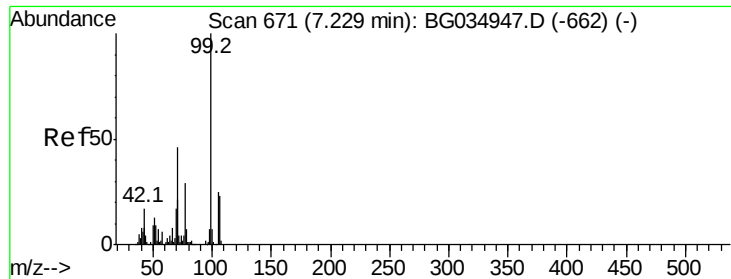
2-Fluorophenol
Concen: 46.562 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035257.D
Acq: 19 Jun 2018 20:57

Tgt Ion:112 Resp: 45580
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 31.8 30.1 45.1



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: 31.303 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035257.D

Acq: 19 Jun 2018 20:57

Instrument :

BNA_G

ClientSampleId :

061318-DBRI-E-D-M

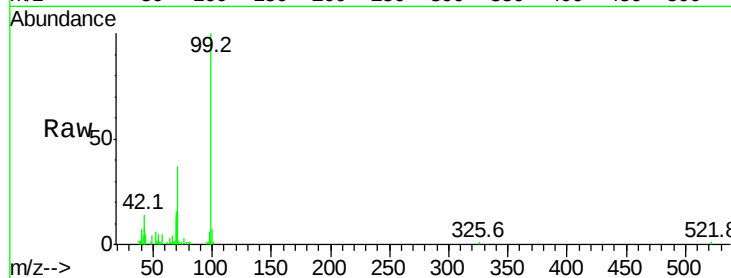
Tot Ion: 99 Resp: 45226

Ion Ratio Lower Upper

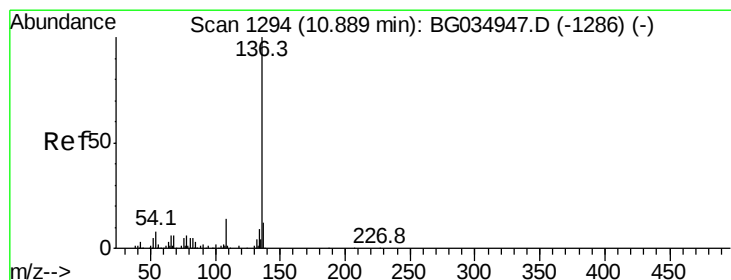
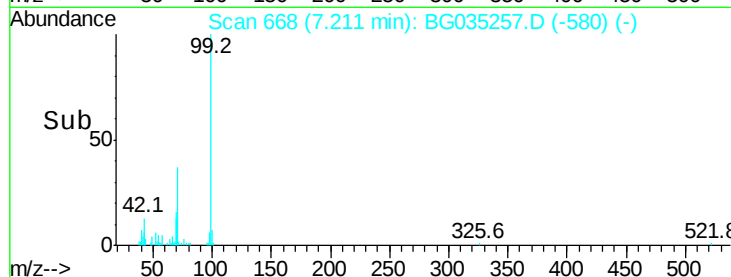
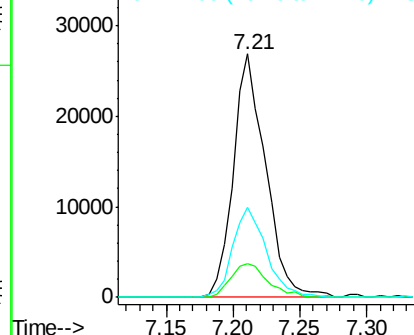
99 100

42 13.9 14.1 21.1#

71 37.1 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: 10.86 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BG035257.D

Acq: 19 Jun 2018 20:57

Tgt Ion: 136 Resp: 59608

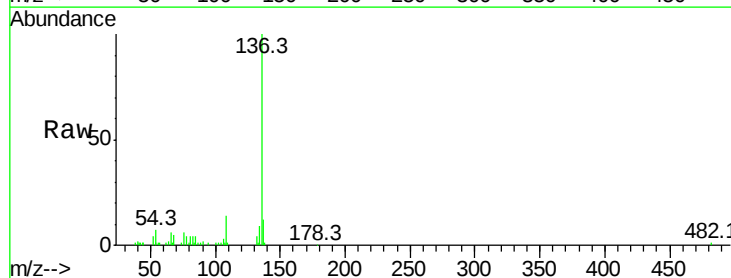
Ion Ratio Lower Upper

136 100

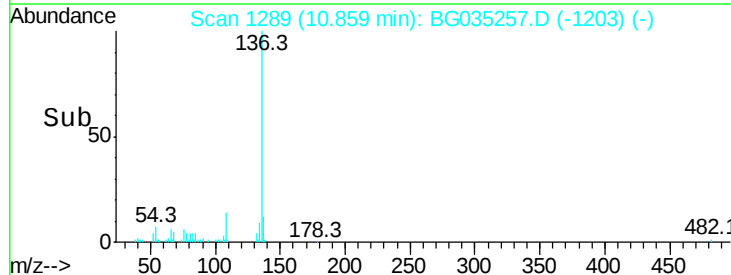
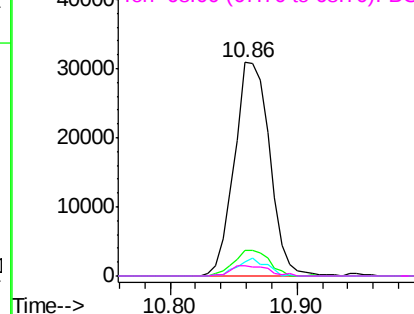
137 12.1 9.2 13.8

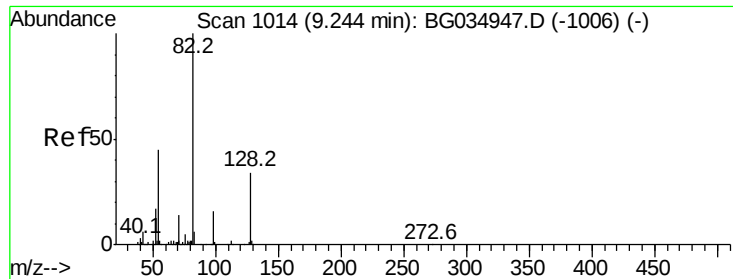
54 6.9 10.3 15.5#

68 4.7 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: 117.646 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035257.D

Acq: 19 Jun 2018 20:57

Instrument :

BNA_G

ClientSampleId :

061318-DBRI-E-D-M

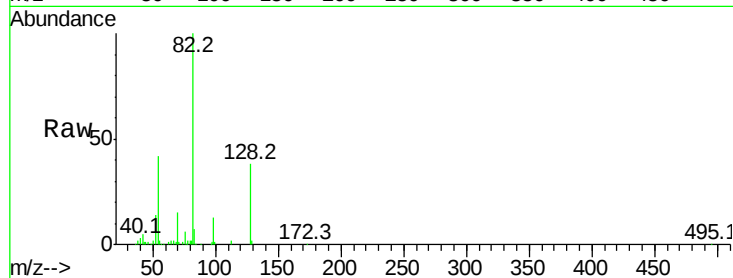
Tot Ion: 82 Resp: 147528

Ion Ratio Lower Upper

82 100

128 37.7 29.7 44.5

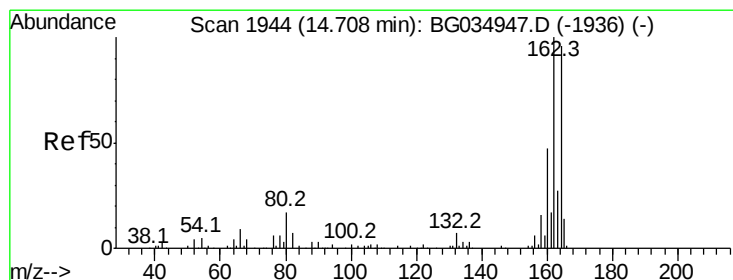
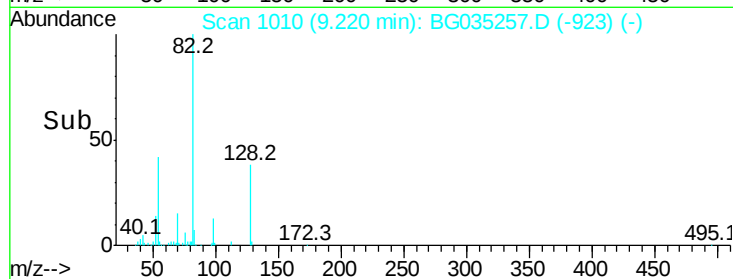
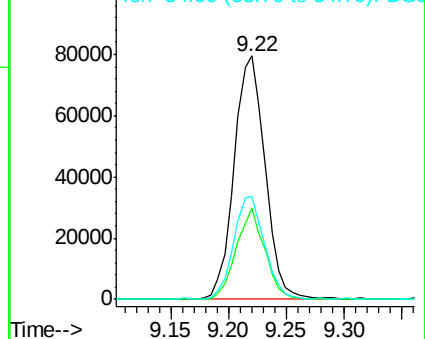
54 42.4 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035257.D

Acq: 19 Jun 2018 20:57

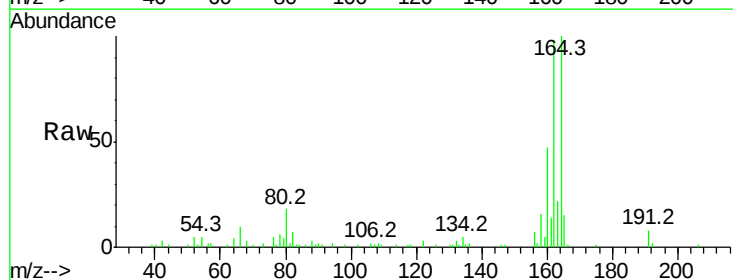
Tgt Ion:164 Resp: 48044

Ion Ratio Lower Upper

164 100

162 97.8 78.8 118.2

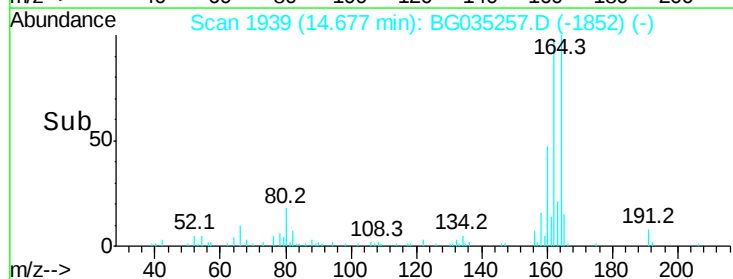
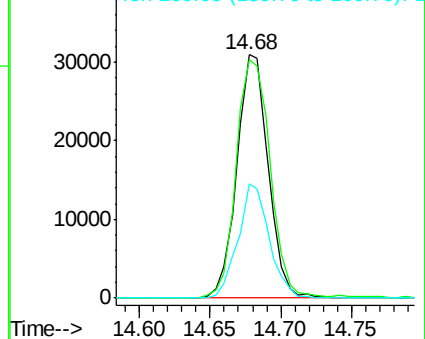
160 47.2 35.4 53.0

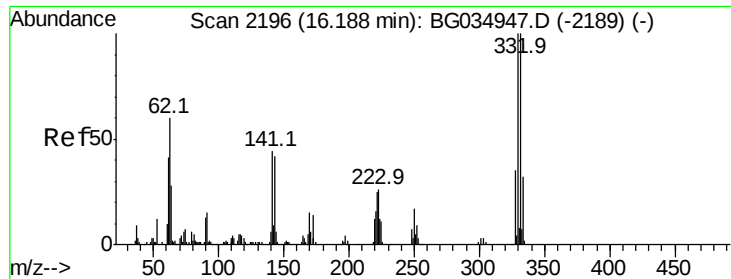


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

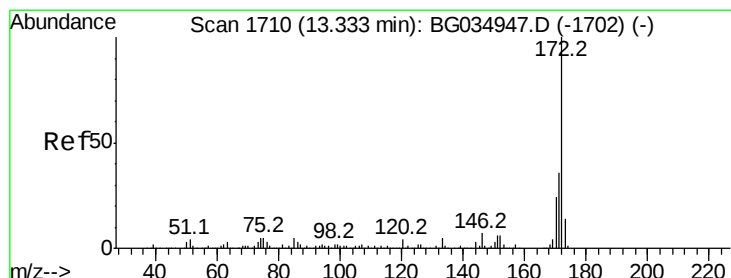
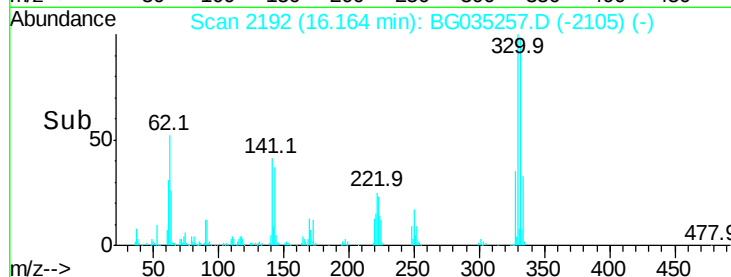
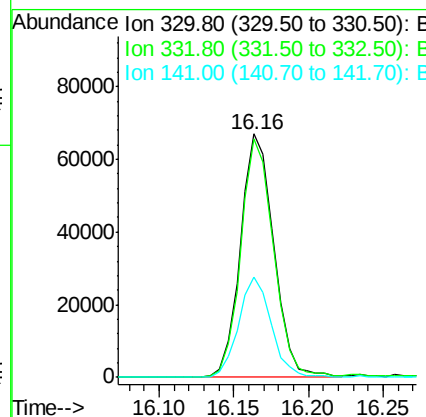
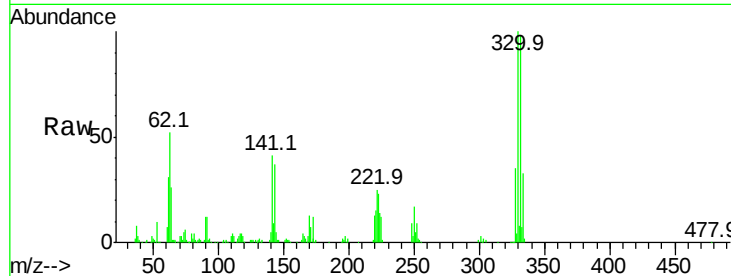




#41
 2,4,6-Tribromophenol
 Concen: 168.707 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035257.D
 Acq: 19 Jun 2018 20:57

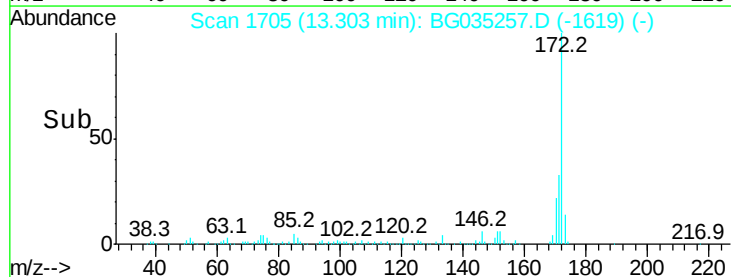
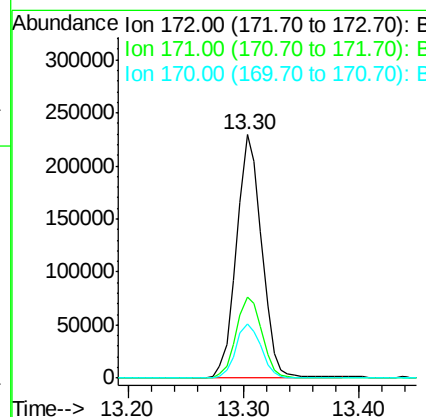
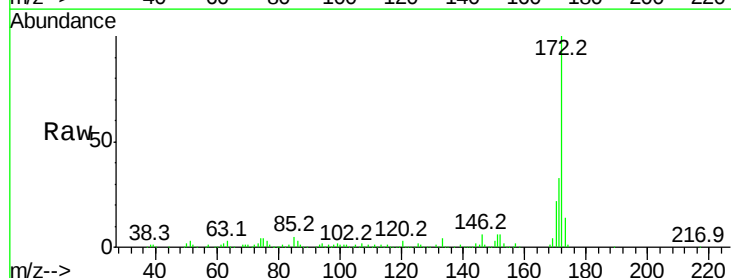
Instrument :
 BNA_G
 ClientSampleId :
 061318-DBRI-E-D-M

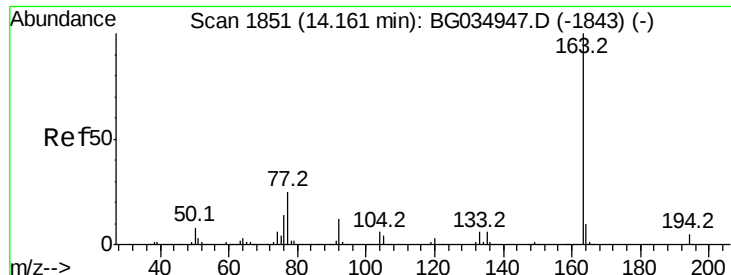
Tot Ion:330 Resp: 103759
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 40.5 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 94.503 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.03 min
 Lab File: BG035257.D
 Acq: 19 Jun 2018 20:57

Tgt Ion:172 Resp: 349255
 Ion Ratio Lower Upper
 172 100
 171 33.1 30.0 45.0
 170 22.3 19.5 29.3





#49

Dimethylphthalate

Concen: 4.832 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.03 min

Lab File: BG035257.D

Acq: 19 Jun 2018 20:57

Instrument :

BNA_G

ClientSampleId :

061318-DBRI-E-D-M

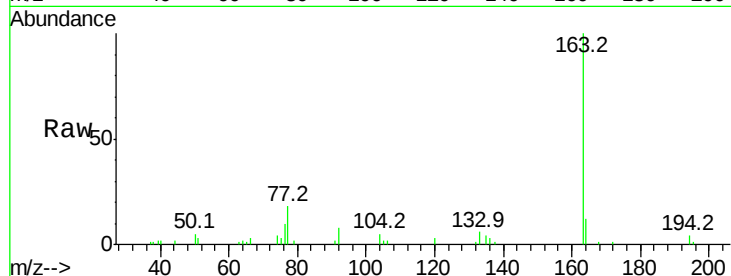
Tot Ion:163 Resp: 20244

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

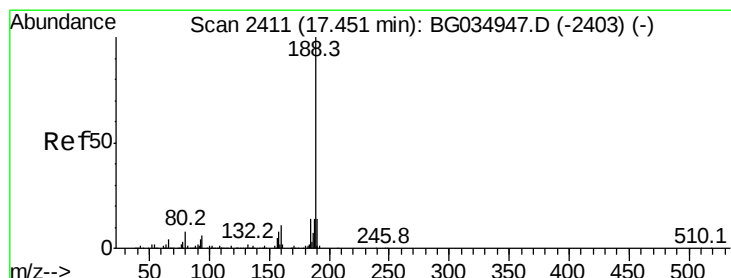
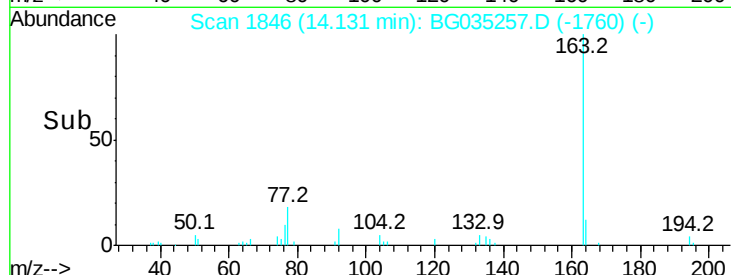
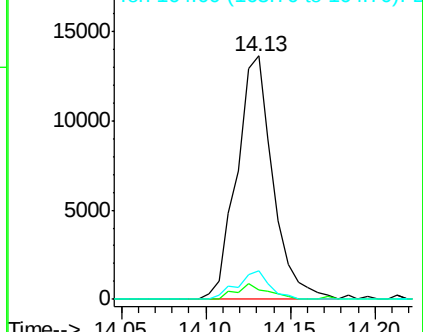
164 11.8 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035257.D

Acq: 19 Jun 2018 20:57

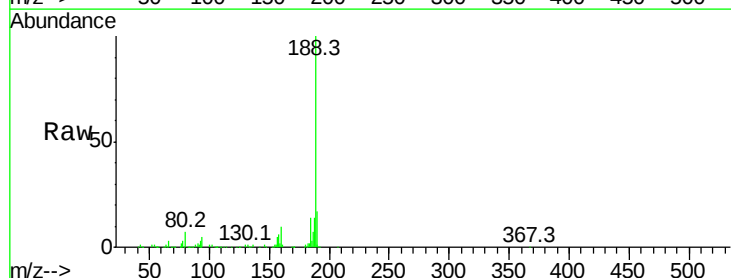
Tgt Ion:188 Resp: 206248

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

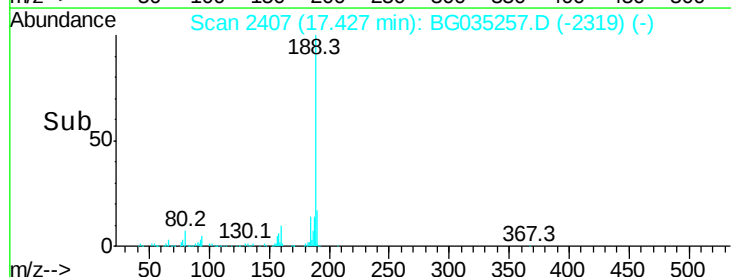
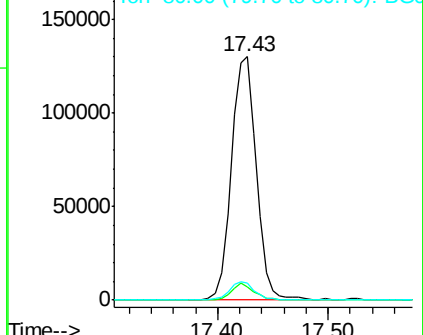
80 7.1 7.7 11.5#

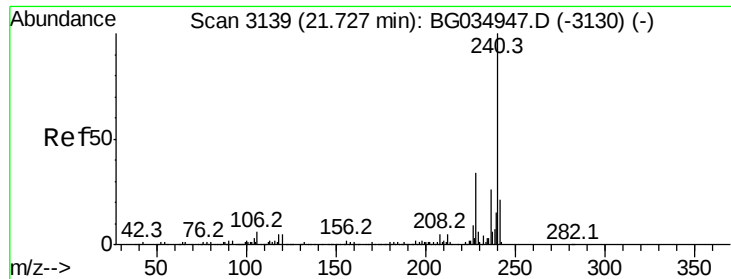


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.69 min Scan# 3133

Delta R.T. -0.03 min

Lab File: BG035257.D

Acq: 19 Jun 2018 20:57

Instrument :

BNA_G

ClientSampleId :

061318-DBRI-E-D-M

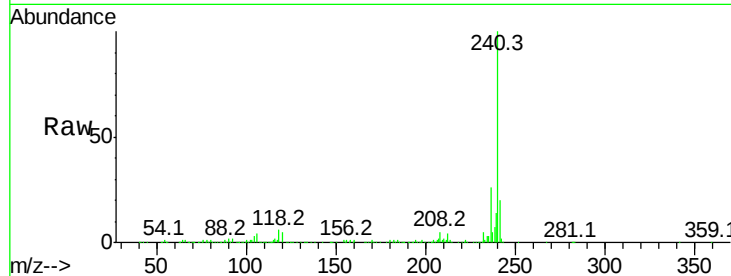
Tot Ion:240 Resp: 440394

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

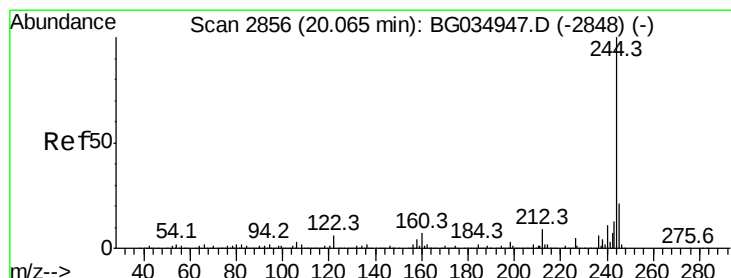
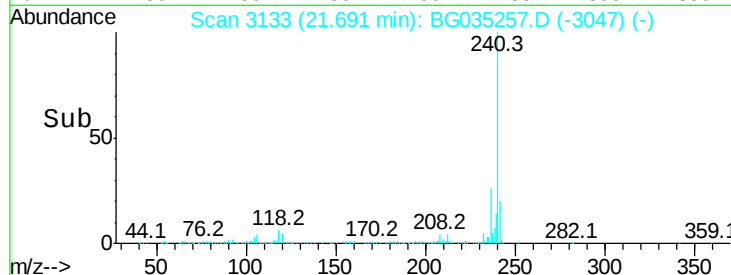
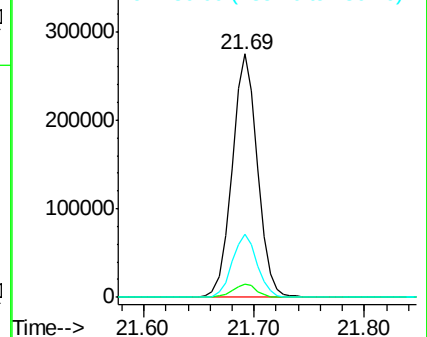
236 25.8 20.9 31.3



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: 85.081 ng

RT: 20.03 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035257.D

Acq: 19 Jun 2018 20:57

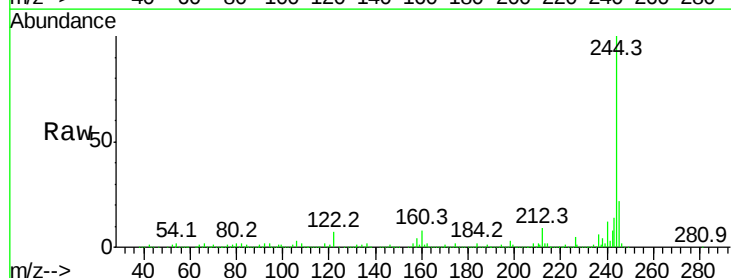
Tgt Ion:244 Resp: 1788779

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

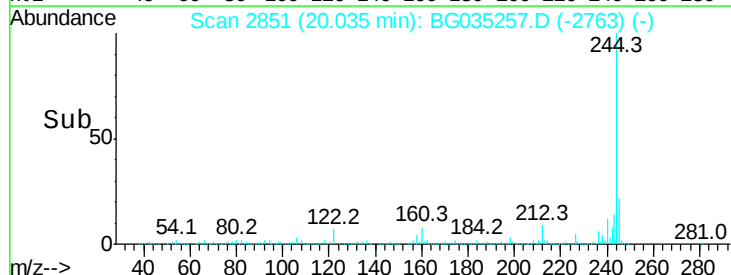
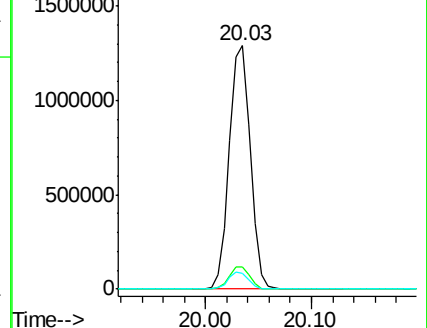
122 6.5 7.0 10.4#

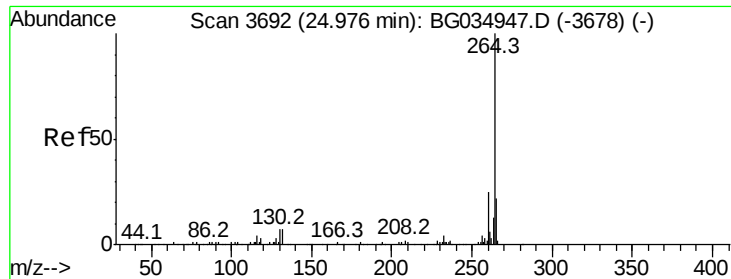


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

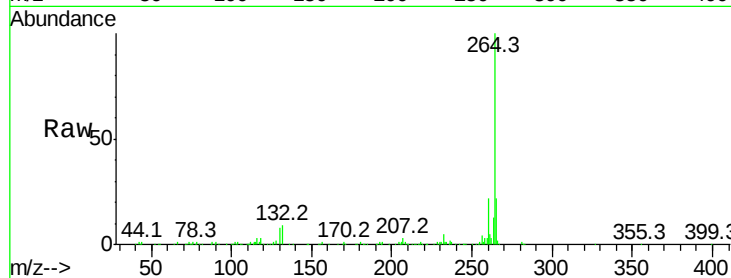




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.04 min
 Lab File: BG035257.D
 Acq: 19 Jun 2018 20:57

Instrument :
 BNA_G
 ClientSampleId :
 061318-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	21.6	17.7	26.5



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

