

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 22:18:54 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

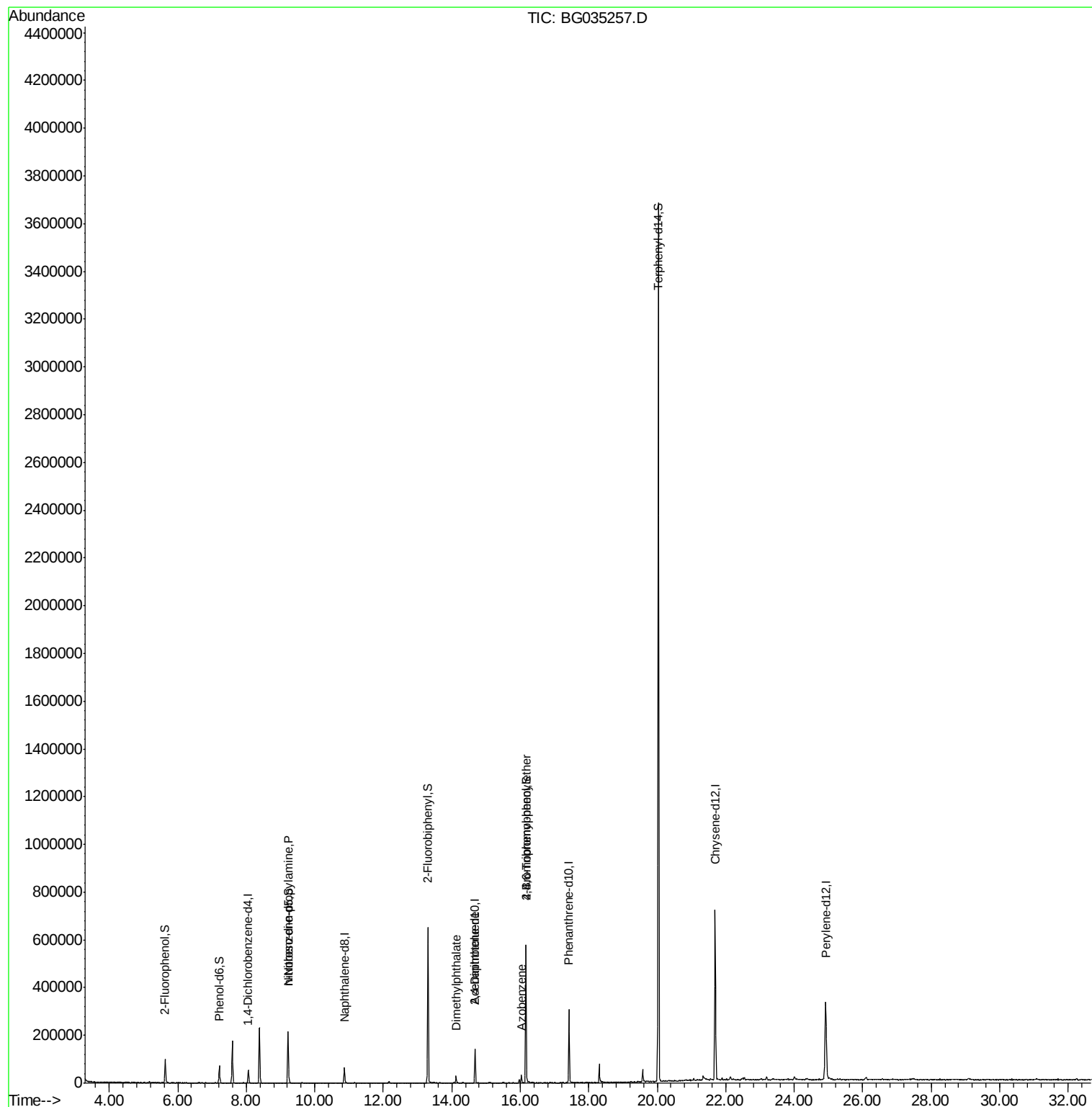
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	16520	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	59608	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	48044	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	206248	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	440394	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						
19) n-Nitroso-di-n-propylamine	9.22	70	20161	16.425	ng	# 64
49) Dimethylphthalate	14.13	163	20244	4.832	ng	# 97
56) 2,4-Dinitrotoluene	14.68	165	6859	6.756	ng	# 19
62) Azobenzene	16.03	77	10652	2.543	ng	# 1
66) 4-Bromophenyl-phenylether	16.16	248	8172	3.290	ng	# 1

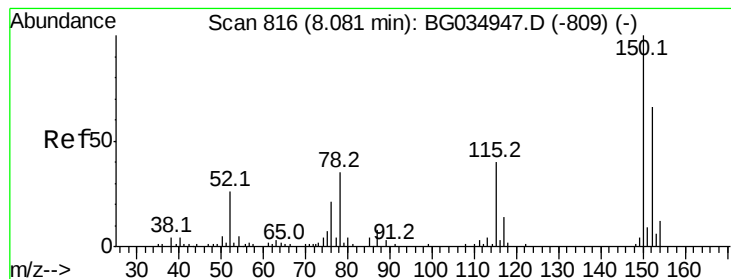
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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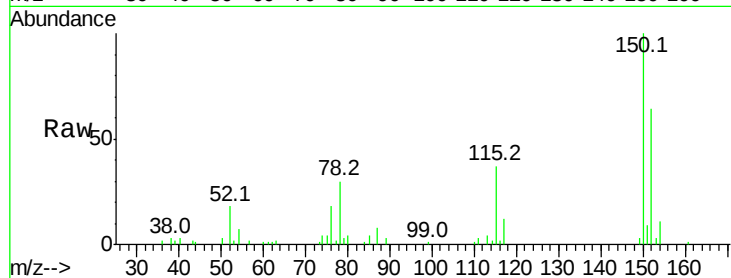


#1

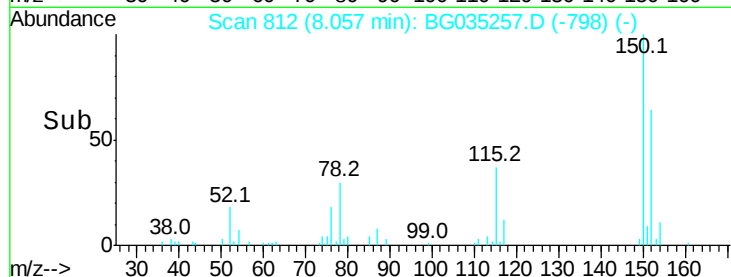
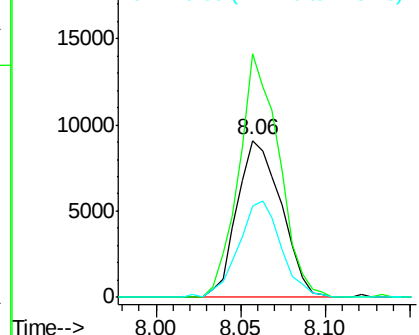
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG035257.D
 Acq: 19 Jun 2018 20:57

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



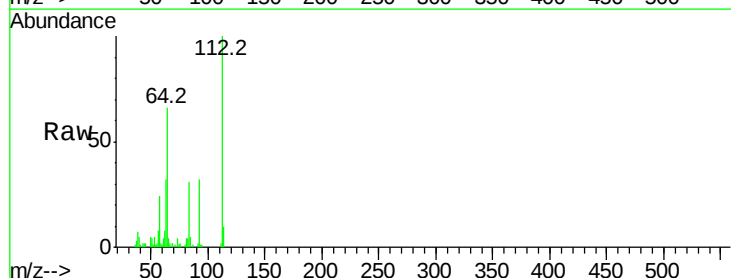
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



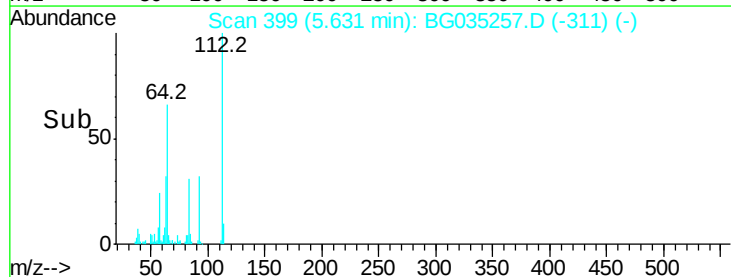
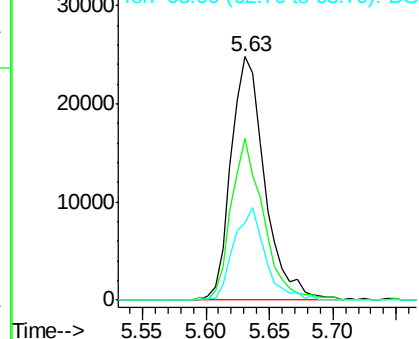
#5

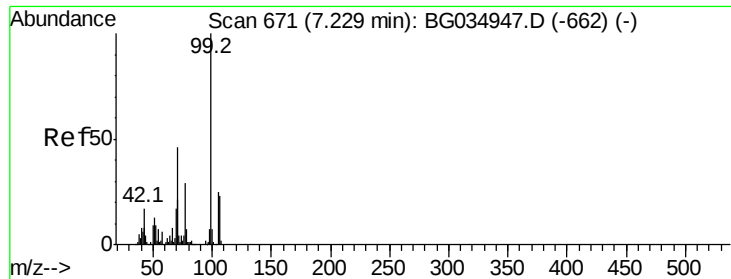
2-Fluorophenol
 Concen: 46.562 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG035257.D
 Acq: 19 Jun 2018 20:57

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

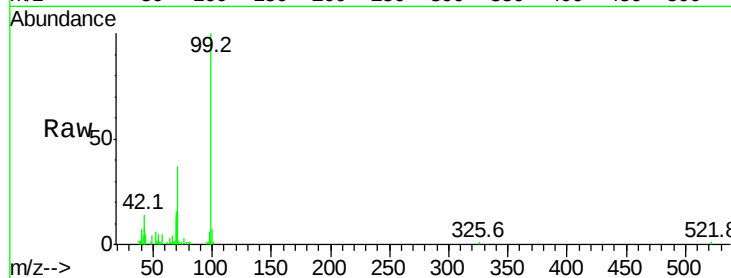
Tot Ion: 99 Resp: 45226

Ion Ratio Lower Upper

99 100

42 13.9 14.1 21.1#

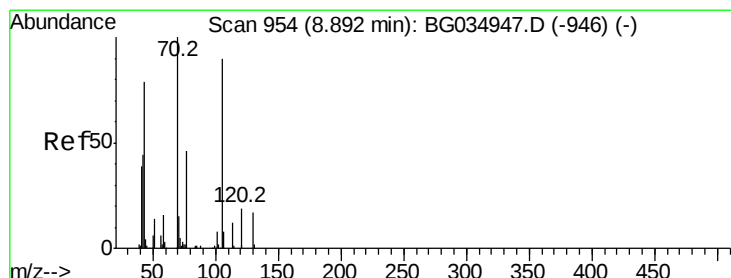
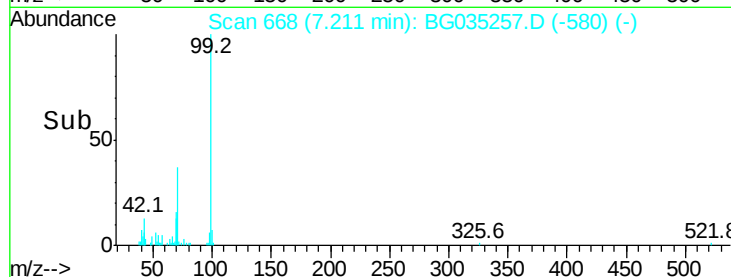
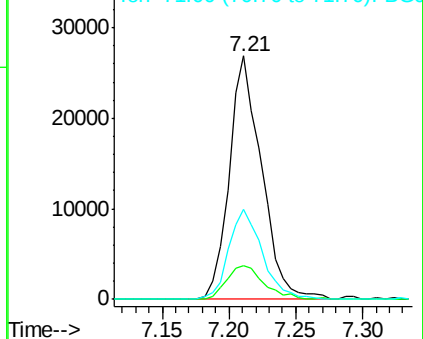
71 37.1 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.425 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035257.D

Acq: 19 Jun 2018 20:57

Tgt Ion: 70 Resp: 20161

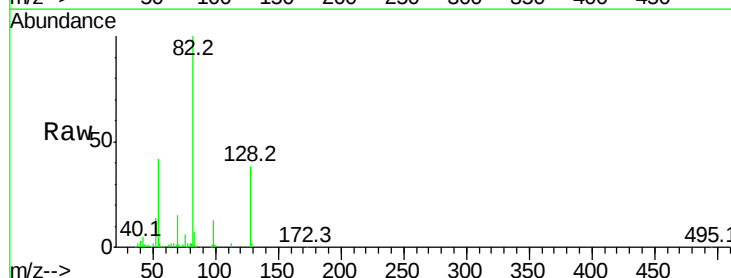
Ion Ratio Lower Upper

70 100

42 33.6 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

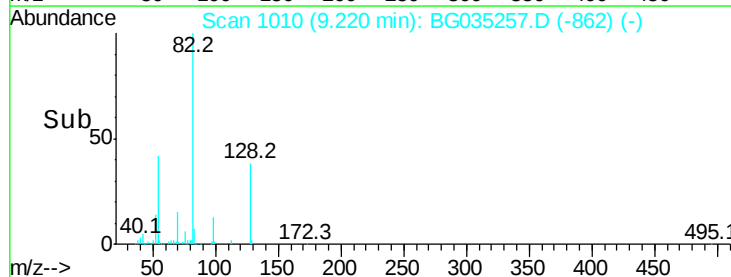
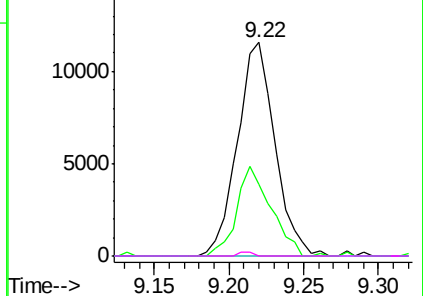


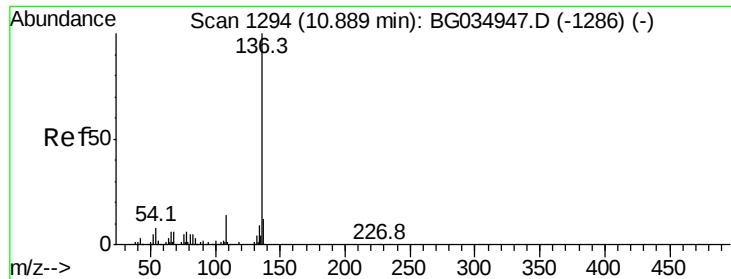
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

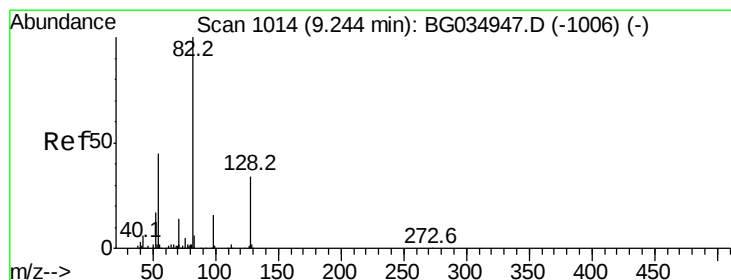
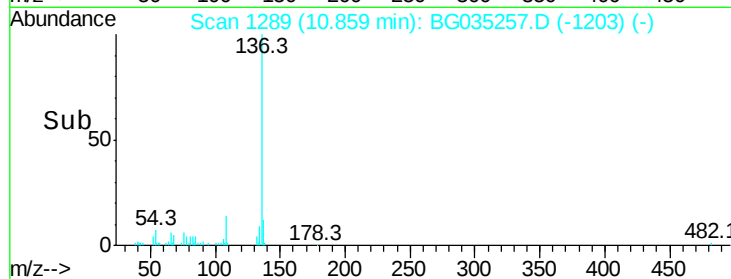
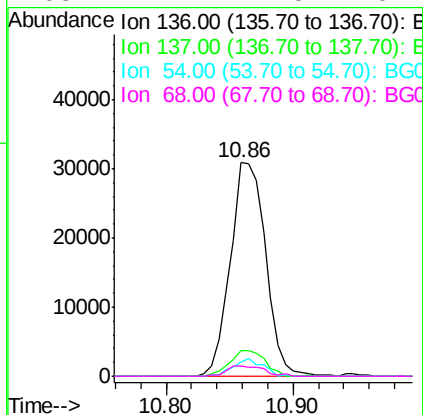
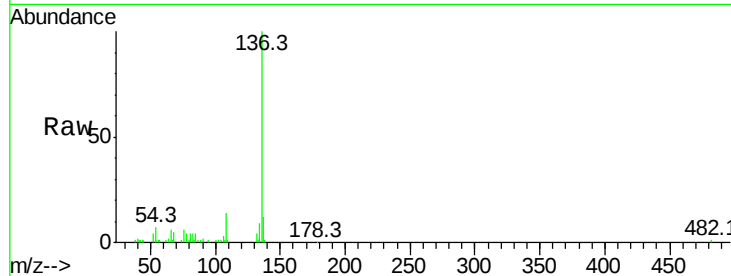




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BG035257.D
Acq: 19 Jun 2018 20:57

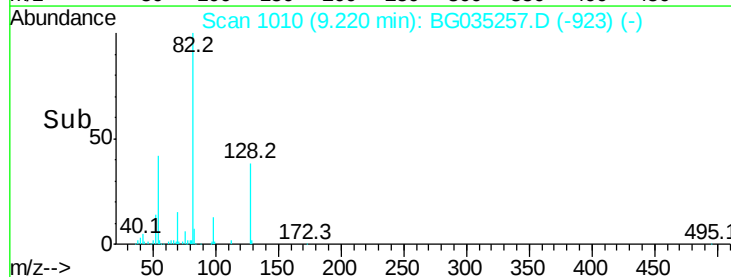
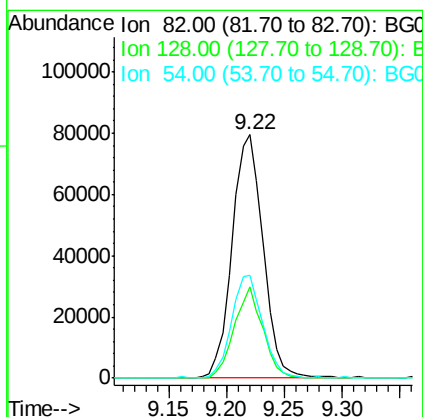
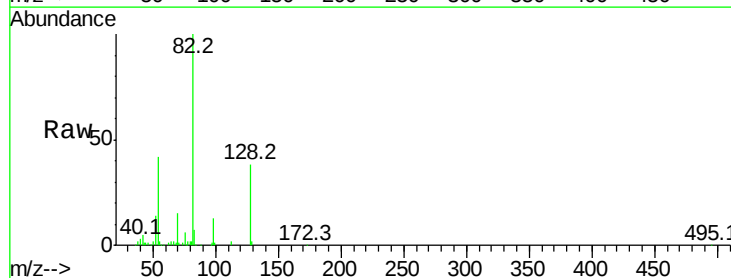
Instrument :
BNA_G
ClientSampleId :
061318-DBRI-E-D-M

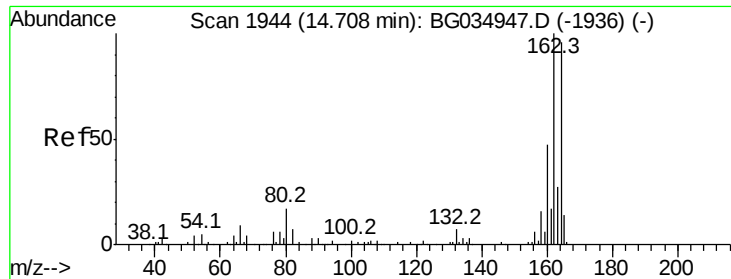
Tot Ion:	136	Resp:	59608
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	6.9	10.3	15.5#
68	4.7	4.5	6.7



#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

Tgt Ion:	82	Resp:	147528
Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.7	44.5
54	42.4	43.1	64.7#





#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

Instrument :

BNA_G

ClientSampleId :

061318-DBRI-E-D-M

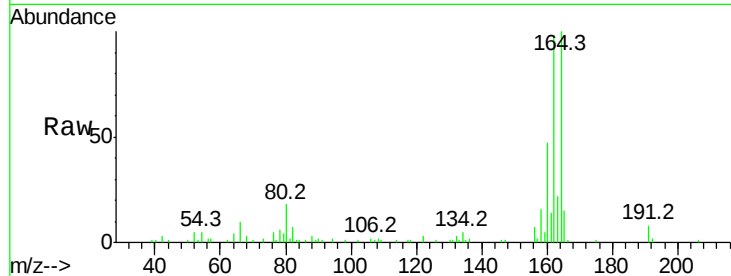
Tot Ion:164 Resp: 48044

Ion Ratio Lower Upper

164 100

162 97.8 78.8 118.2

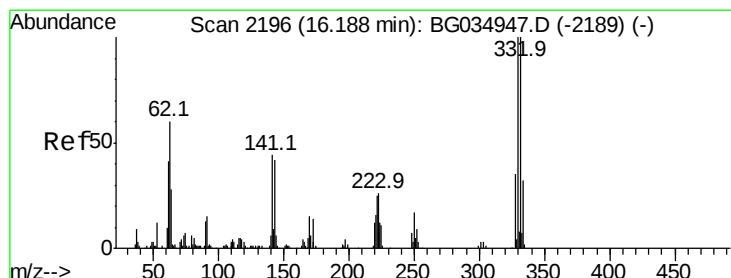
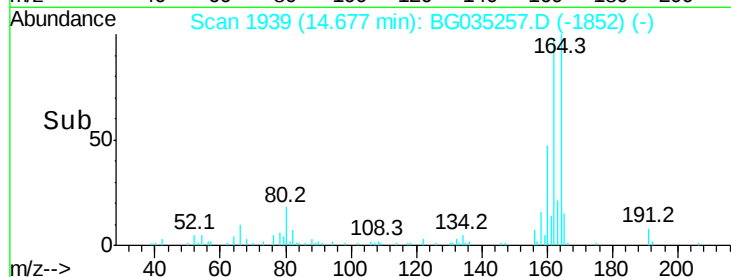
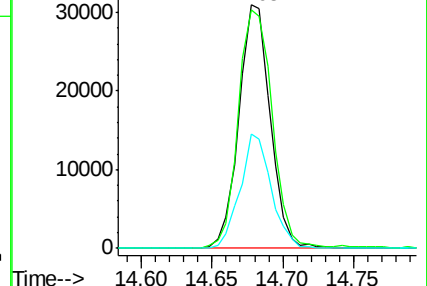
160 47.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): 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: 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

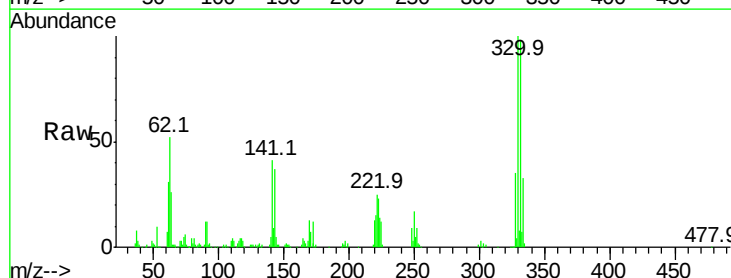
Tgt Ion:330 Resp: 103759

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

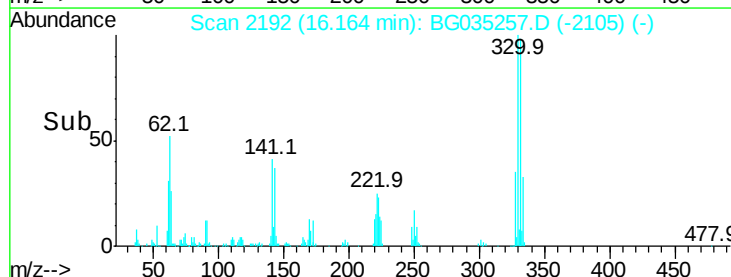
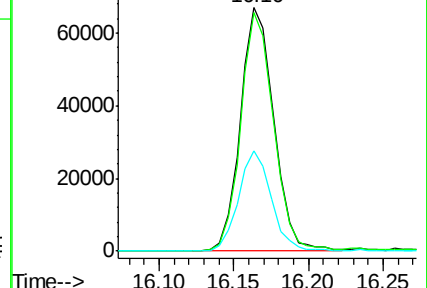
141 40.5 25.2 37.8#

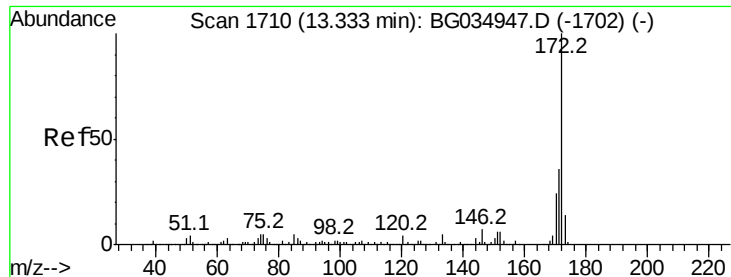


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

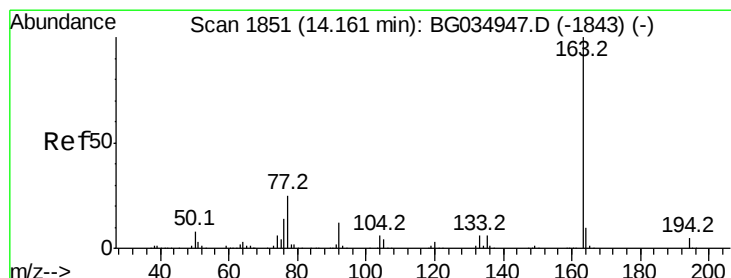
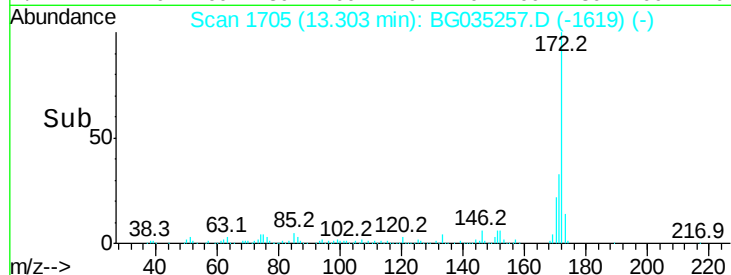
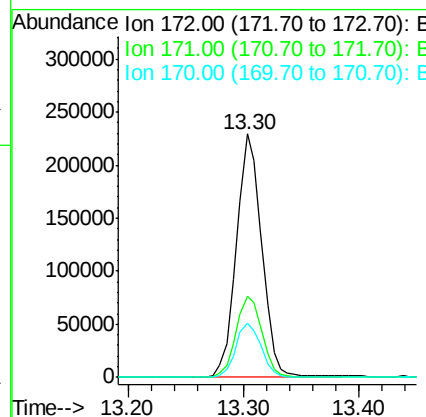
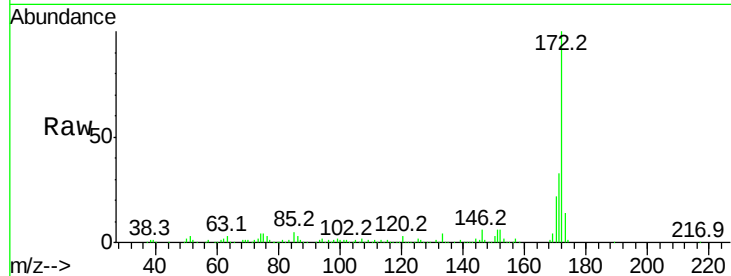




#44
2-Fluorobiphenyl
Concen: 94.503 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.03 min
Lab File: BG035257.D
Acq: 19 Jun 2018 20:57

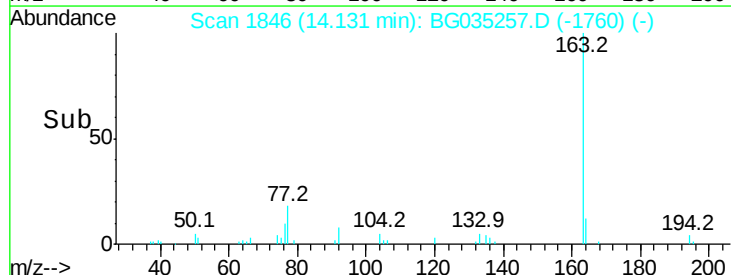
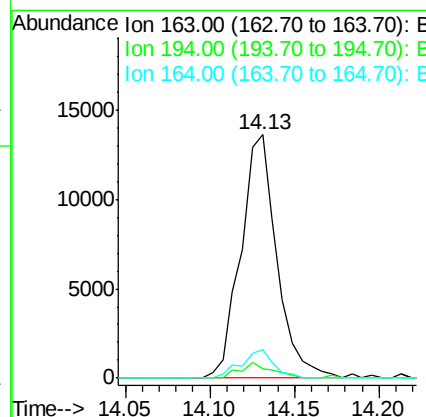
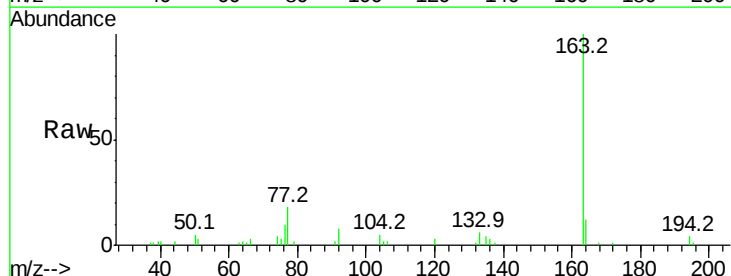
Instrument :
BNA_G
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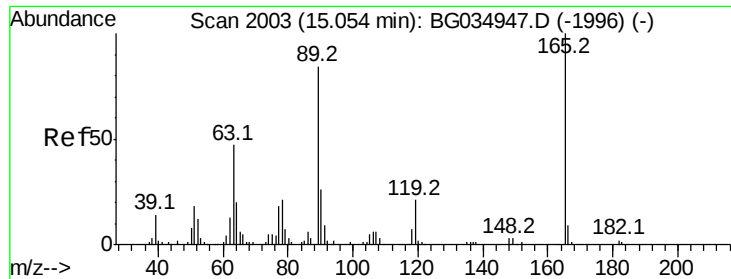
Tot Ion:172 Resp: 349255
Ion Ratio Lower Upper
172 100
171 33.1 30.0 45.0
170 22.3 19.5 29.3



#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

Tgt Ion:163 Resp: 20244
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 11.8 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 6.756 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.37 min

Lab File: BG035257.D

Acq: 19 Jun 2018 20:57

Instrument :

BNA_G

ClientSampleId :

061318-DBRI-E-D-M

Tot Ion:165 Resp: 6859

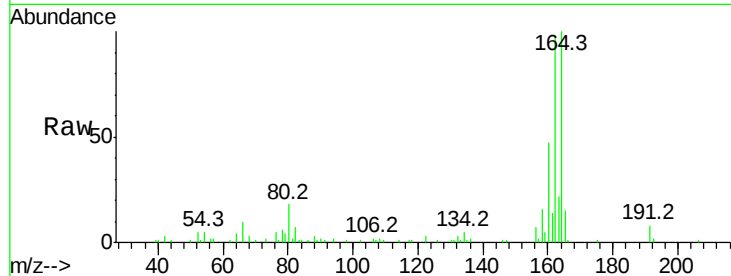
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 4.3 66.9 100.3#

182 0.0 2.6 3.8#

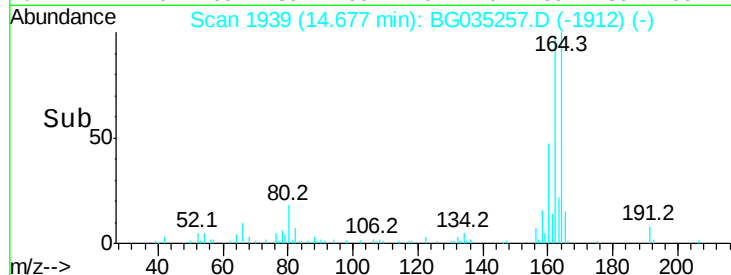


Abundance Ion 165.00 (164.70 to 165.70): E

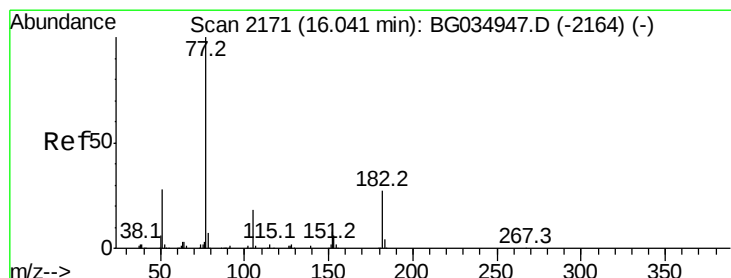
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Time-->



#62

Azobenzene

Concen: 2.543 ng

RT: 16.03 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BG035257.D

Acq: 19 Jun 2018 20:57

Tgt Ion: 77 Resp: 10652

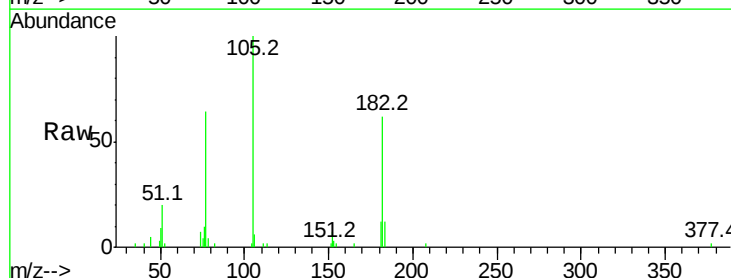
Ion Ratio Lower Upper

77 100

182 97.0 7.4 47.4#

105 155.3 0.3 40.3#

51 31.3 11.6 51.6

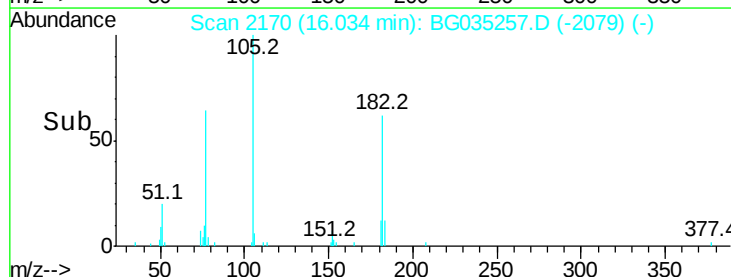


Abundance Ion 77.00 (76.70 to 77.70): BGC

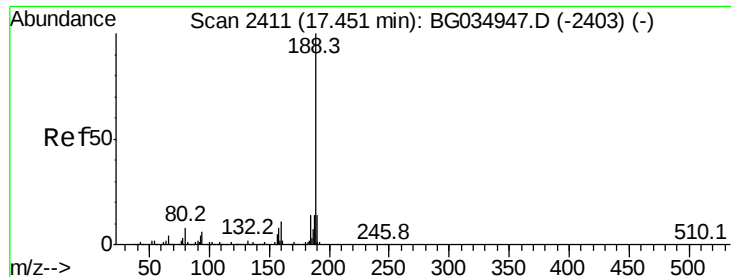
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#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

Instrument :

BNA_G

ClientSampleId :

061318-DBRI-E-D-M

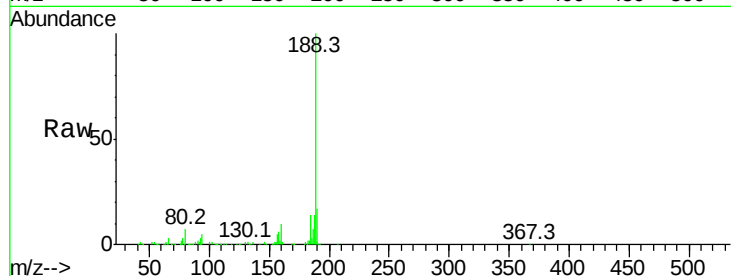
Tot Ion:188 Resp: 206248

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

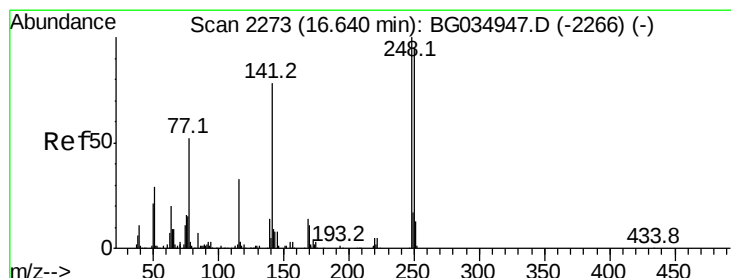
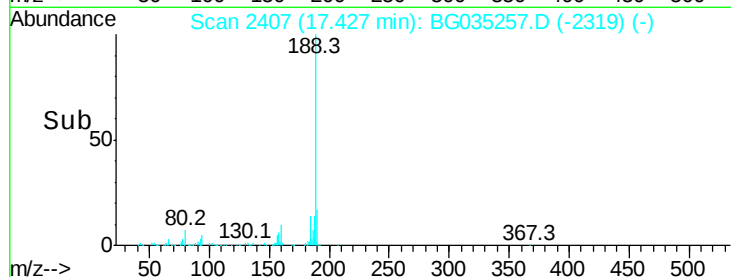
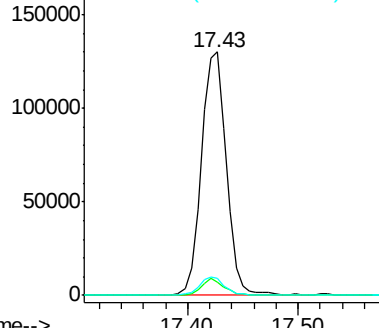
80 7.1 7.7 11.5#



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



#66

4-Bromophenyl-phenylether

Concen: 3.290 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.47 min

Lab File: BG035257.D

Acq: 19 Jun 2018 20:57

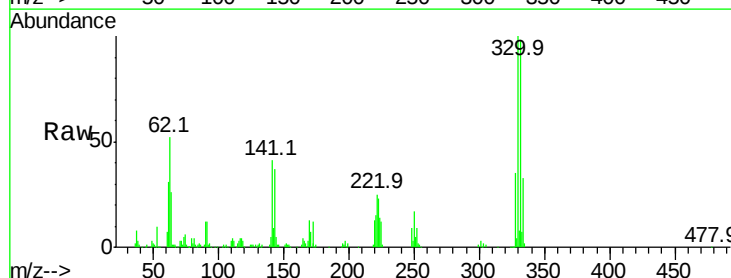
Tgt Ion:248 Resp: 8172

Ion Ratio Lower Upper

248 100

250 189.6 77.1 115.7#

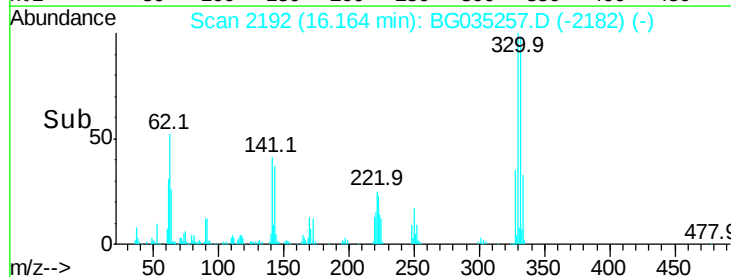
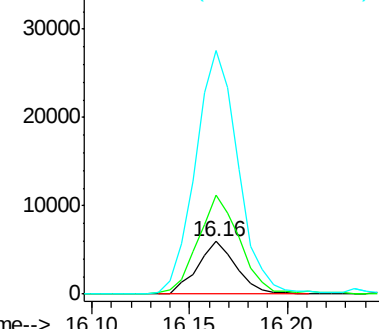
141 464.4 50.8 76.2#

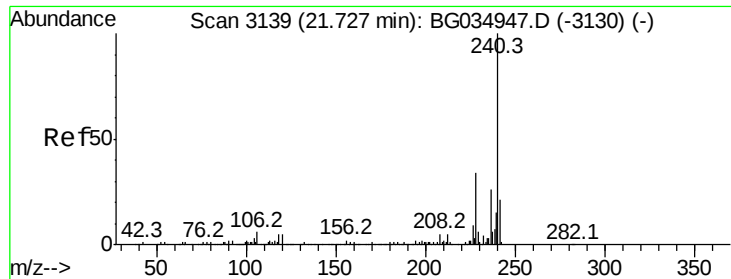


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.69 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

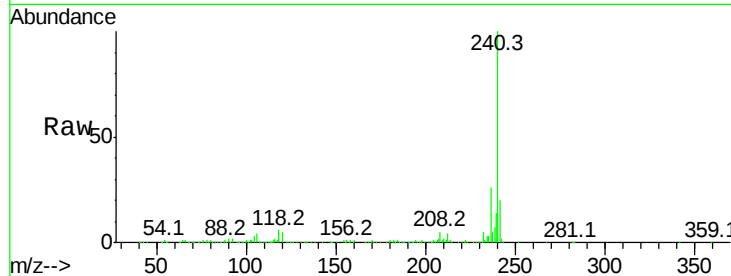
Tot Ion:240 Resp: 440394

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

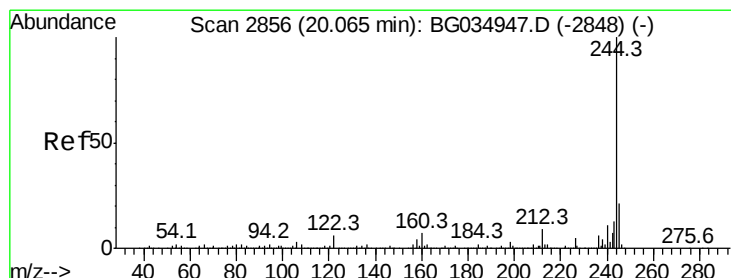
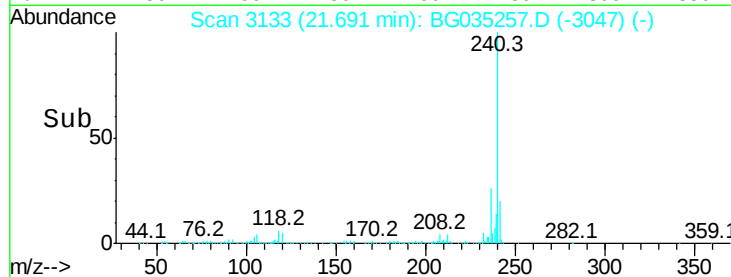
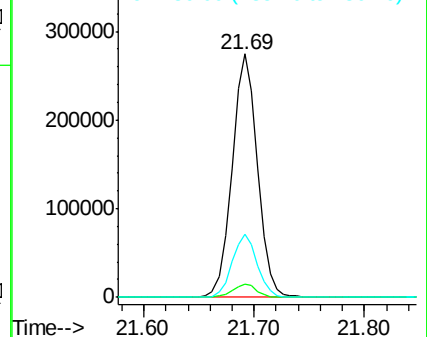
236 25.8 20.9 31.3



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

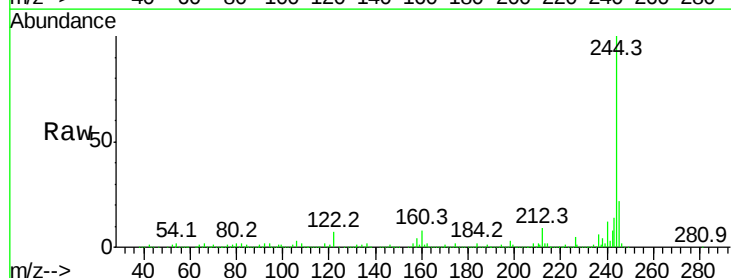
Tgt Ion:244 Resp: 1788779

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

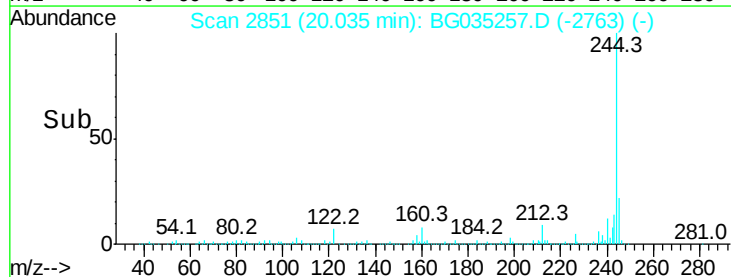
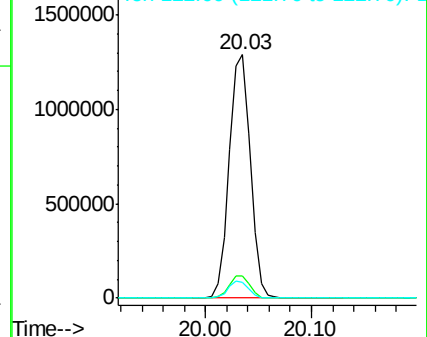
122 6.5 7.0 10.4#

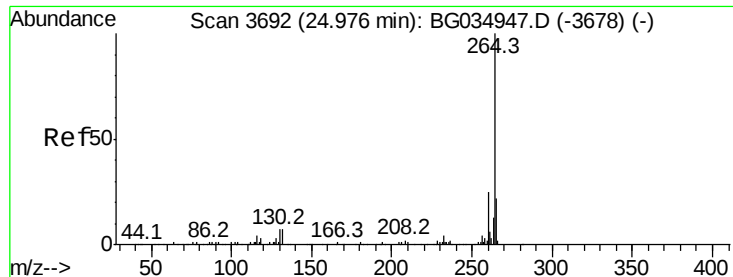


Abundance Ion 244.00 (243.70 to 244.70): E

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

