

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035235.D
 Acq On : 19 Jun 2018 2:58
 Operator : SJ/JU
 Sample : J3240-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-061518

Quant Time: Jun 19 07:41:13 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	50111	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	167058	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	98382	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	297801	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	362905	20.00	ng	-0.03
86) Perylene-d12	24.92	264	139735	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	443898	149.49	ng	0.00
7) Phenol-d6	7.22	99	551953	125.94	ng	0.00
23) Nitrobenzene-d5	9.22	82	435874	124.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	296396	235.34	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	900618	119.01	ng	-0.02
78) Terphenyl-d14	20.03	244	1953352	112.75	ng	-0.02

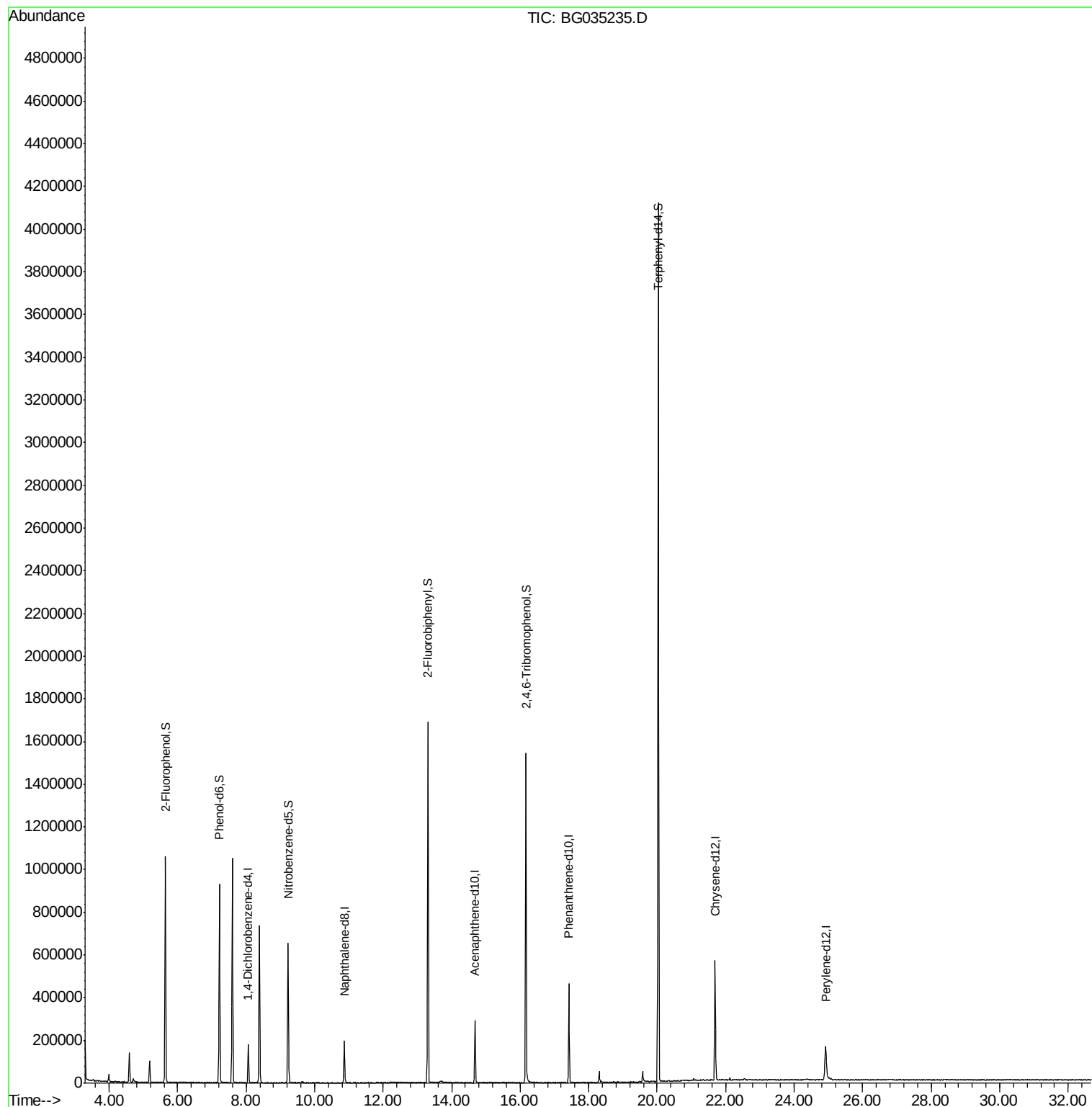
Target Compounds Qvalue

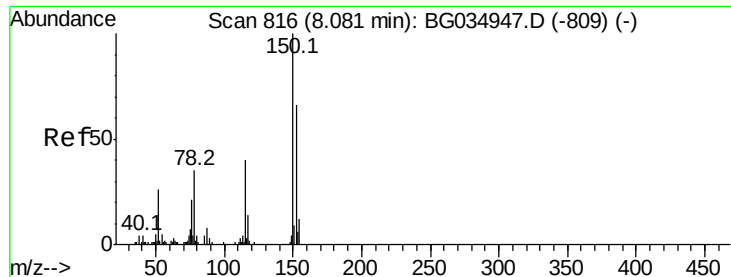
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.02 min

Lab File: BG035235.D

Acq: 19 Jun 2018 2:58

Instrument :

BNA_G

ClientSampleId :

BU-01-061518

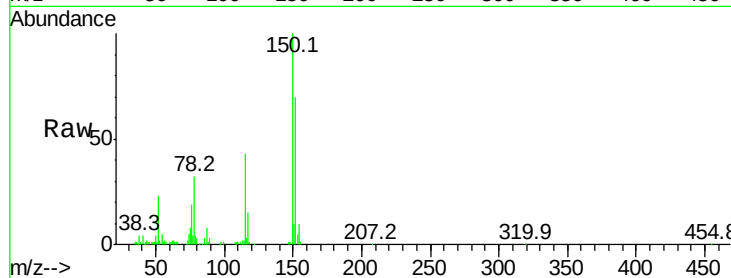
Tot Ion:152 Resp: 50111

Ion Ratio Lower Upper

152 100

150 143.8 126.6 189.8

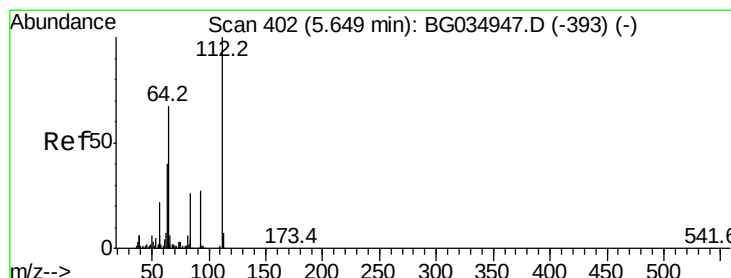
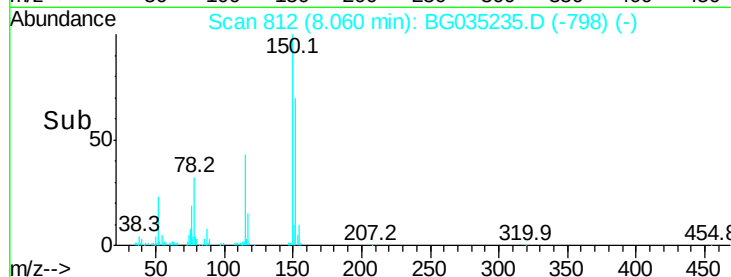
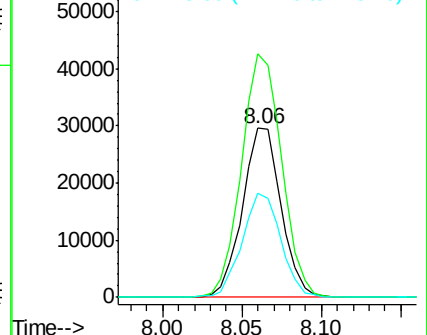
115 61.9 53.0 79.4



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: 149.493 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.00 min

Lab File: BG035235.D

Acq: 19 Jun 2018 2:58

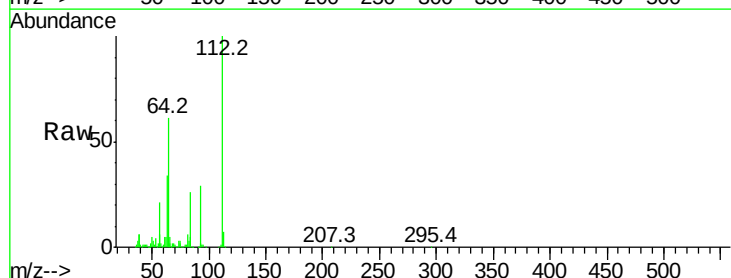
Tgt Ion:112 Resp: 443898

Ion Ratio Lower Upper

112 100

64 61.0 56.3 84.5

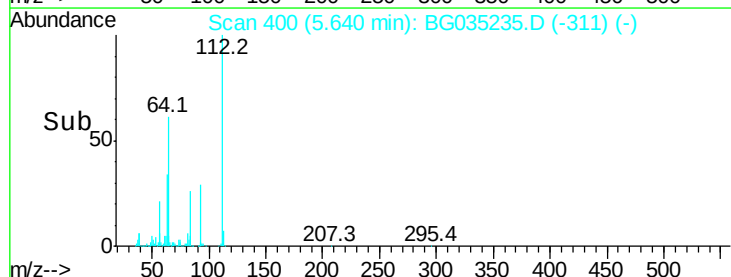
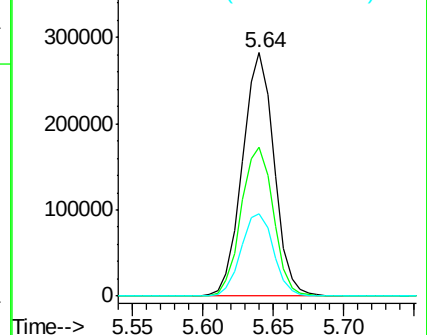
63 34.0 30.1 45.1

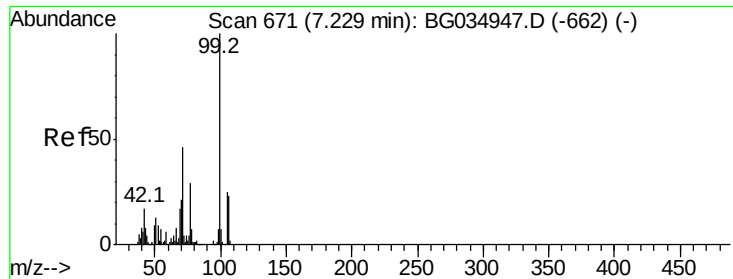


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 125.942 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035235.D

Acq: 19 Jun 2018 2:58

Instrument :

BNA_G

ClientSampleId :

BU-01-061518

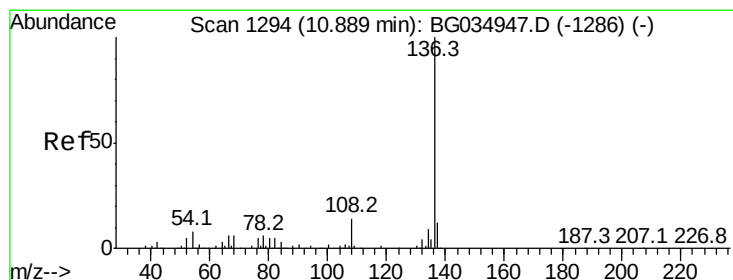
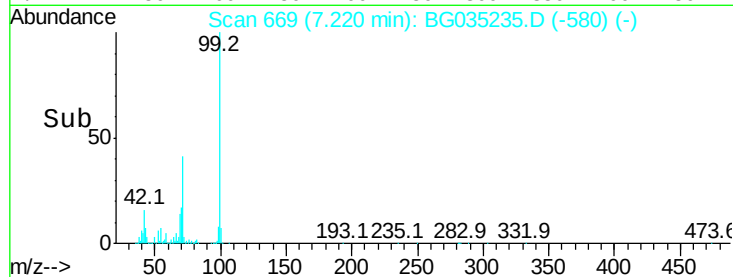
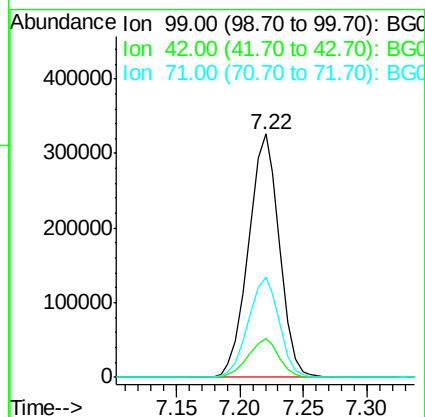
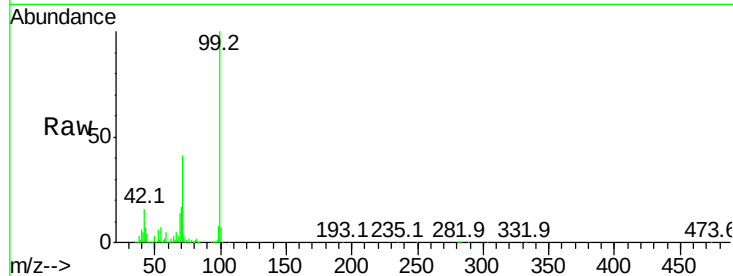
Tot Ion: 99 Resp: 551953

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 41.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035235.D

Acq: 19 Jun 2018 2:58

Tgt Ion: 136 Resp: 167058

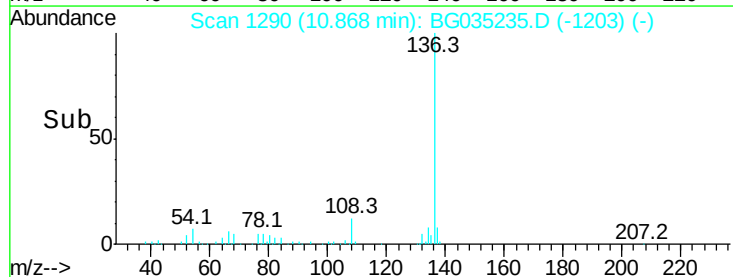
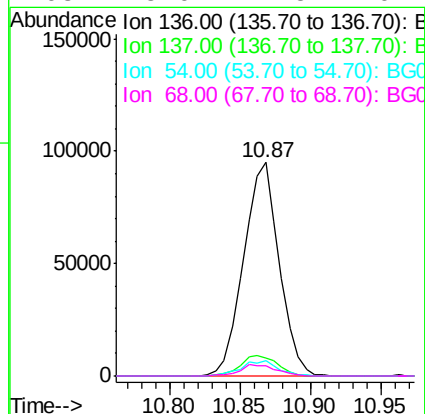
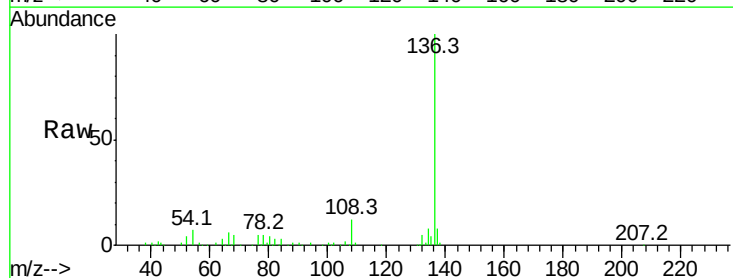
Ion Ratio Lower Upper

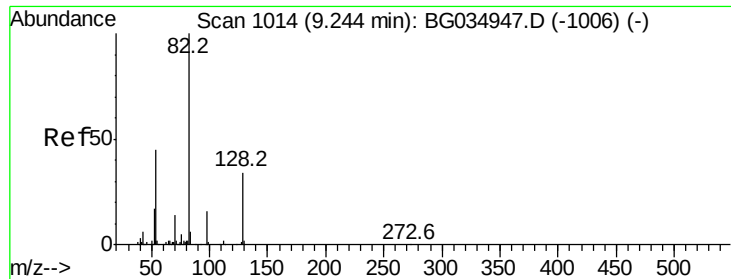
136 100

137 8.5 9.2 13.8#

54 7.0 10.3 15.5#

68 5.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 124.023 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035235.D

Acq: 19 Jun 2018 2:58

Instrument :

BNA_G

ClientSampleId :

BU-01-061518

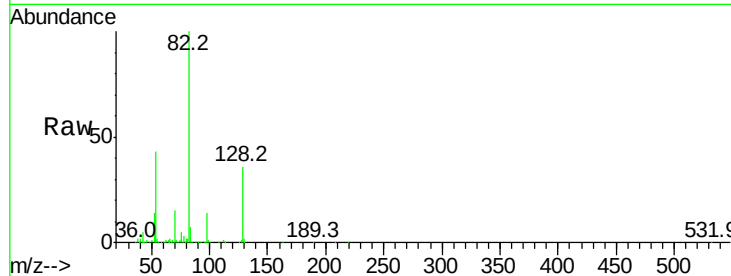
Tot Ion: 82 Resp: 435874

Ion Ratio Lower Upper

82 100

128 35.7 29.7 44.5

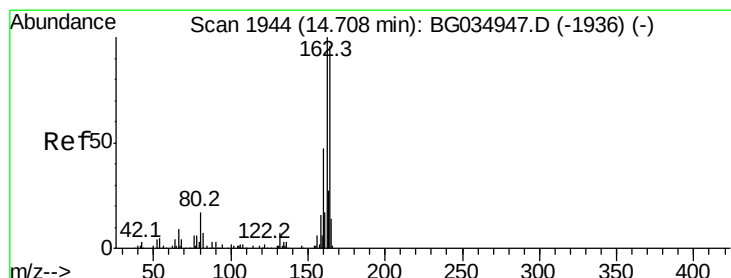
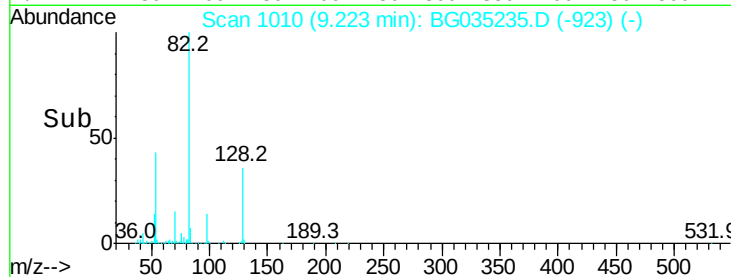
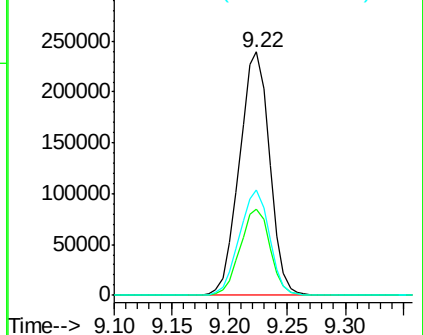
54 43.1 43.1 64.7#



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: BG035235.D

Acq: 19 Jun 2018 2:58

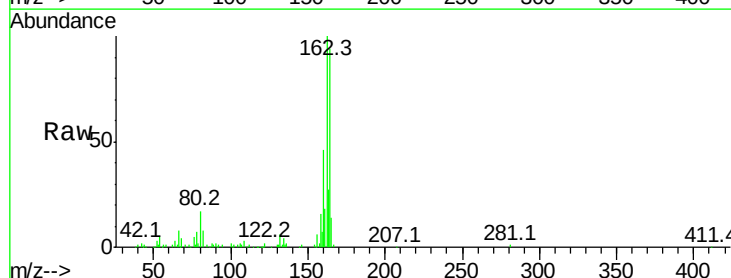
Tgt Ion:164 Resp: 98382

Ion Ratio Lower Upper

164 100

162 105.9 78.8 118.2

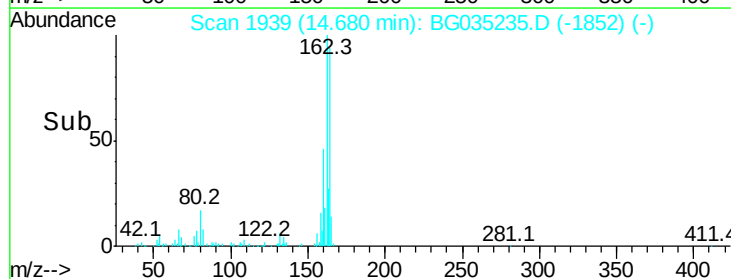
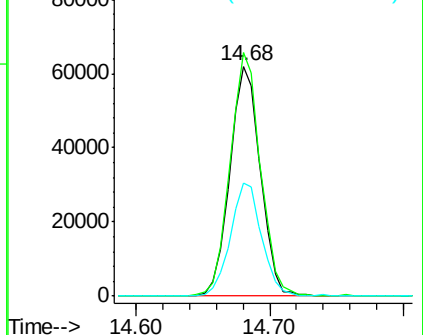
160 49.0 35.4 53.0

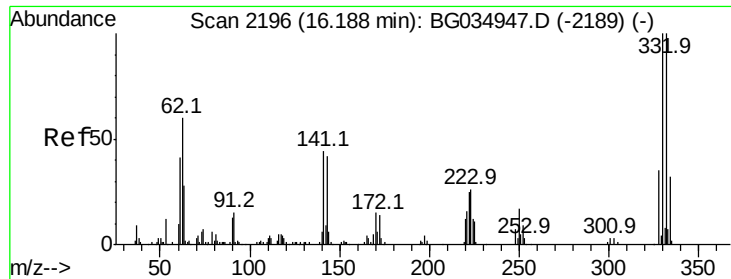


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

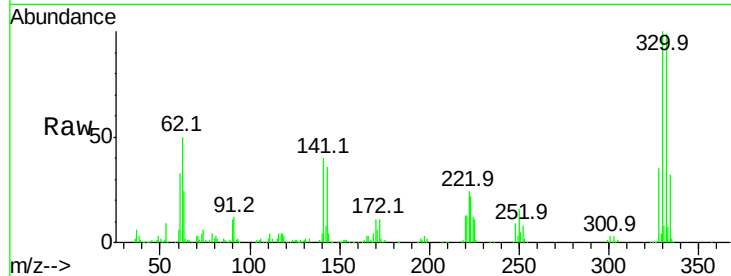




#41
 2,4,6-Tribromophenol
 Concen: 235.344 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035235.D
 Acq: 19 Jun 2018 2:58

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-061518

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	36.8	25.2	37.8

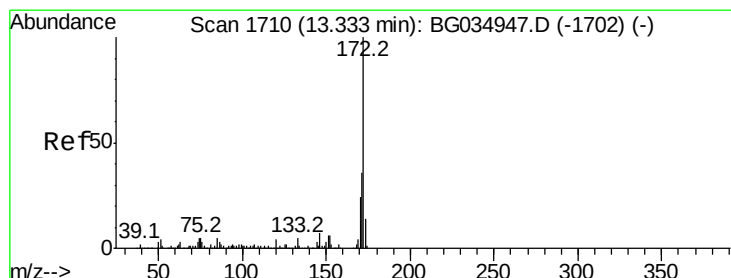
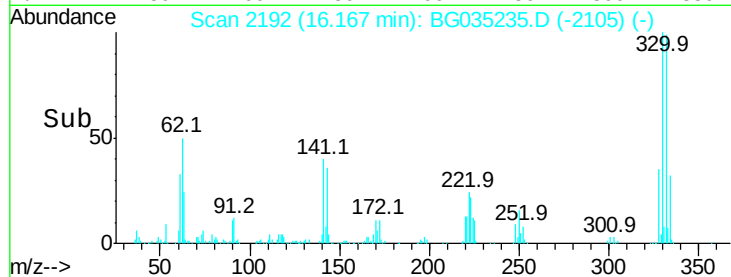
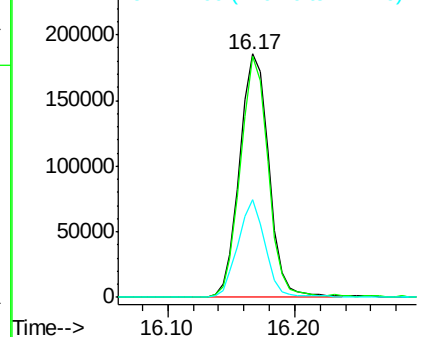


Abundance

Ion 329.80 (329.50 to 330.50): E

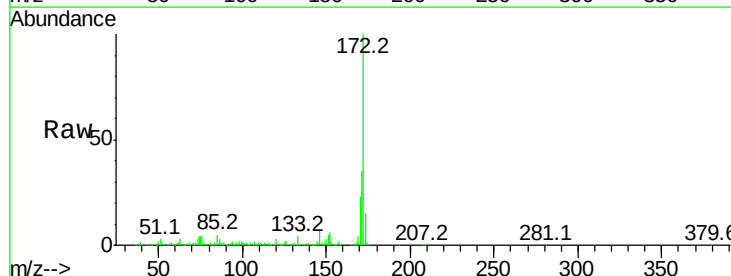
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 119.006 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035235.D
 Acq: 19 Jun 2018 2:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.0	19.5	29.3

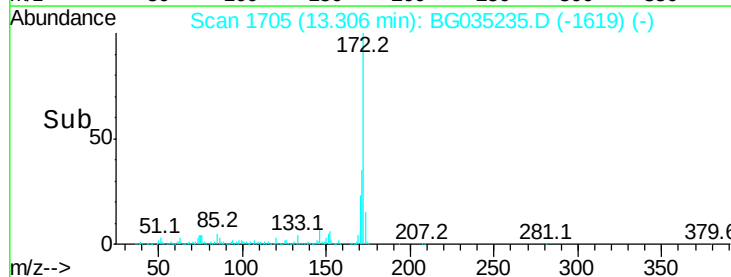
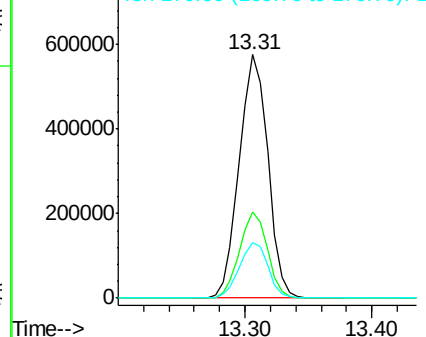


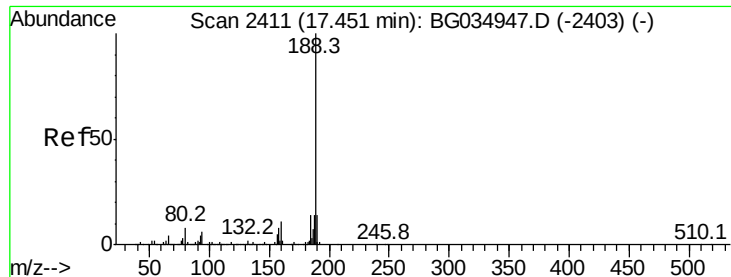
Abundance

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: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035235.D

Acq: 19 Jun 2018 2:58

Instrument :

BNA_G

ClientSampleId :

BU-01-061518

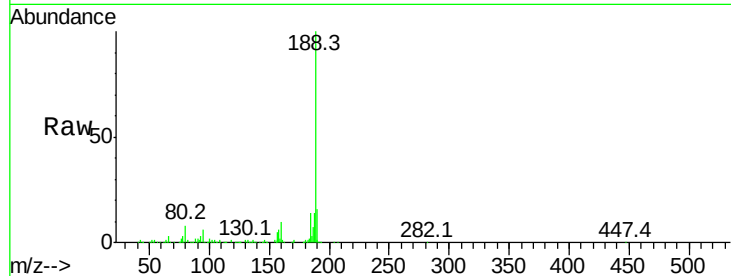
Tot Ion:188 Resp: 297801

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

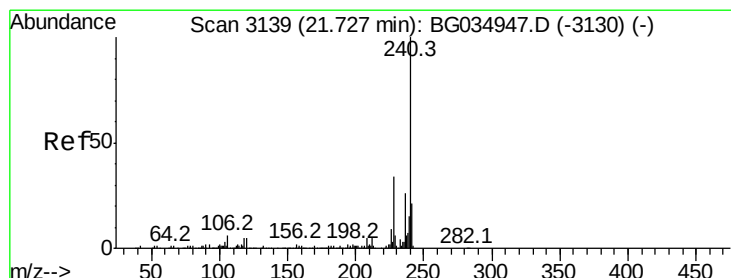
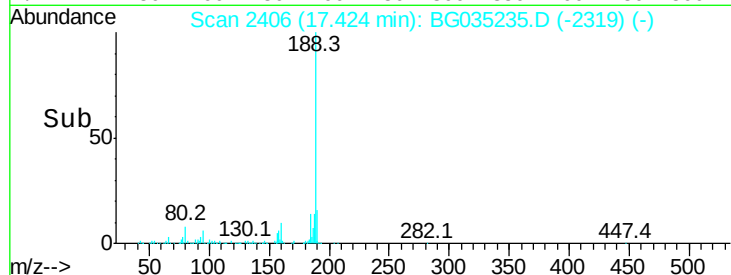
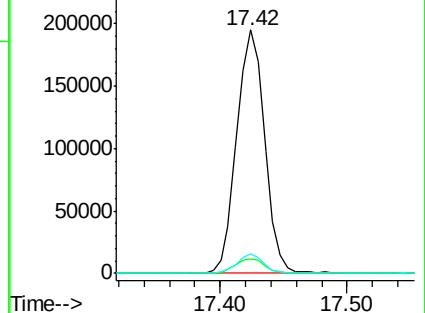
80 7.8 7.7 11.5



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# 3132

Delta R.T. -0.03 min

Lab File: BG035235.D

Acq: 19 Jun 2018 2:58

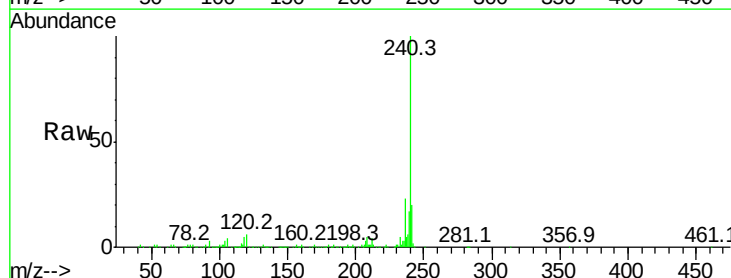
Tgt Ion:240 Resp: 362905

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

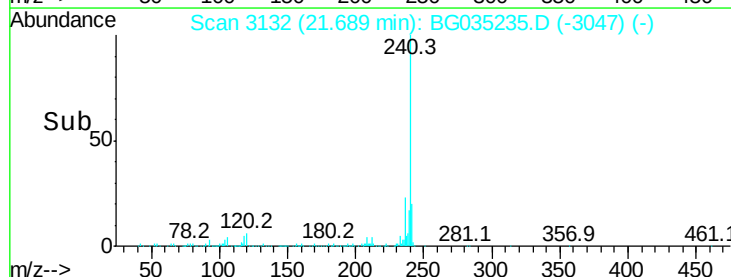
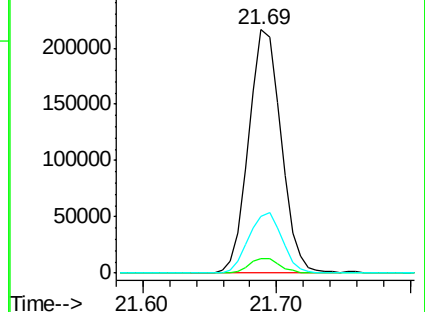
236 23.5 20.9 31.3

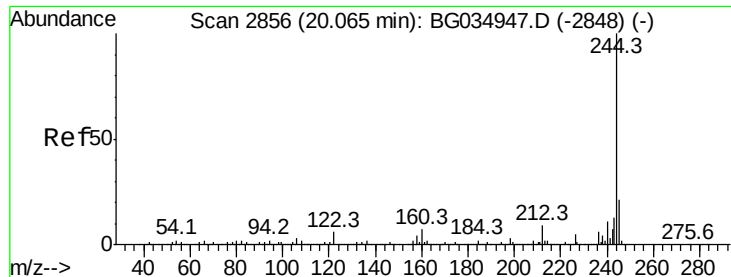


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 112.747 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035235.D

Acq: 19 Jun 2018 2:58

Instrument :

BNA_G

ClientSampleId :

BU-01-061518

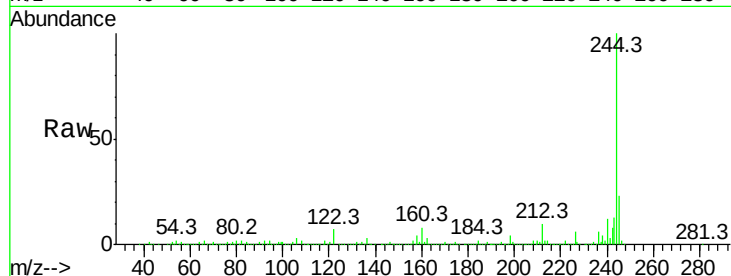
Tot Ion:244 Resp: 1953352

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

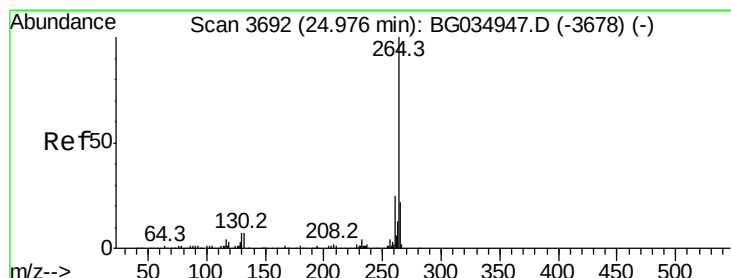
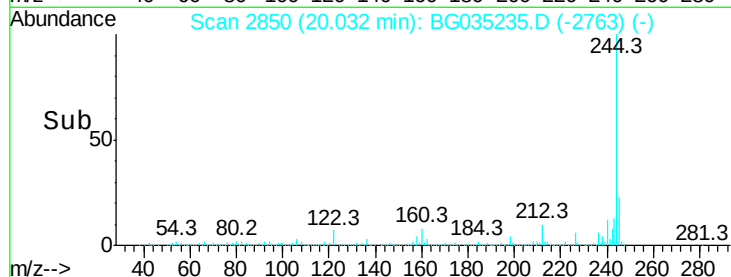
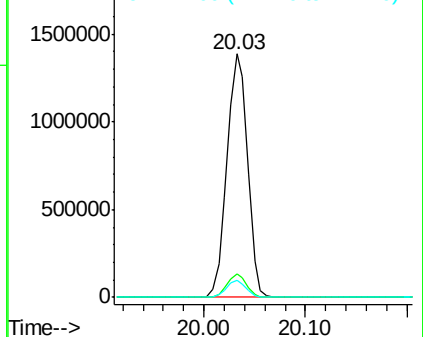
122 7.2 7.0 10.4



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: 24.92 min Scan# 3682

Delta R.T. -0.03 min

Lab File: BG035235.D

Acq: 19 Jun 2018 2:58

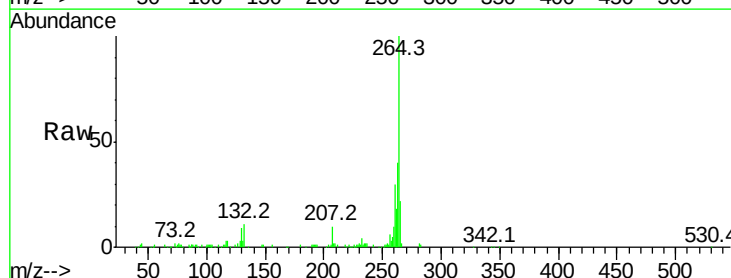
Tgt Ion:264 Resp: 139735

Ion Ratio Lower Upper

264 100

260 29.7 17.4 26.0#

265 21.5 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

