

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035233.D
 Acq On : 19 Jun 2018 1:40
 Operator : SJ/JU
 Sample : J3508-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KGS-SIDE-1-B

Quant Time: Jun 19 07:31:24 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	50745	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	178676	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	118834	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	318101	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	395013	20.00	ng	-0.02
86) Perylene-d12	24.92	264	345179	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	423257	140.76	ng	0.00
7) Phenol-d6	7.22	99	542114	122.15	ng	0.00
23) Nitrobenzene-d5	9.22	82	442018	117.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	301972	198.51	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	984039	107.65	ng	-0.02
78) Terphenyl-d14	20.04	244	1896108	100.55	ng	-0.01

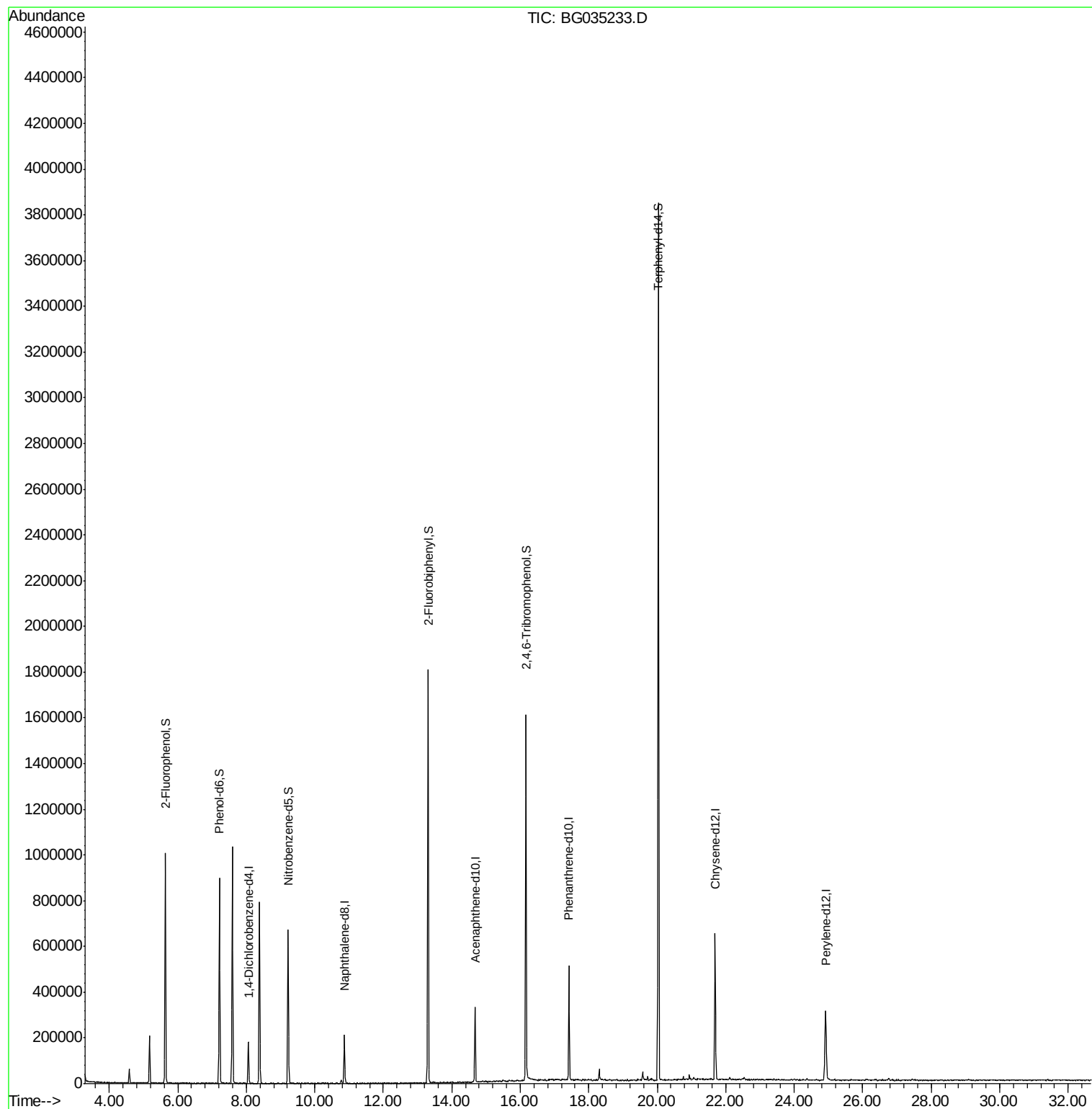
Target Compounds Qvalue

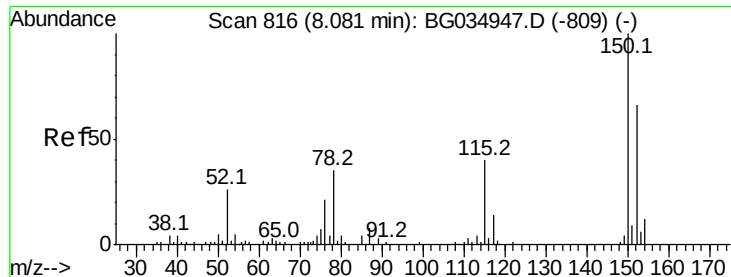
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG035233.D

Acq: 19 Jun 2018 1:40

Instrument :

BNA_G

ClientSampleId :

KGS-SIDE-1-B

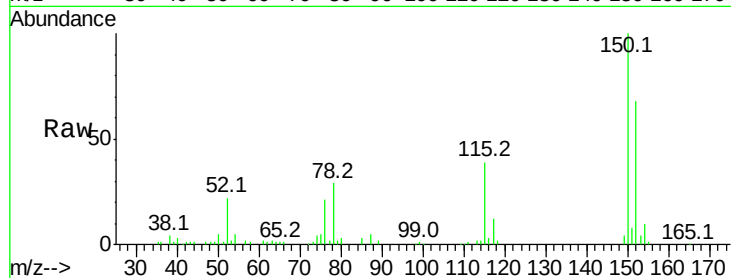
Tot Ion:152 Resp: 50745

Ion Ratio Lower Upper

152 100

150 147.8 126.6 189.8

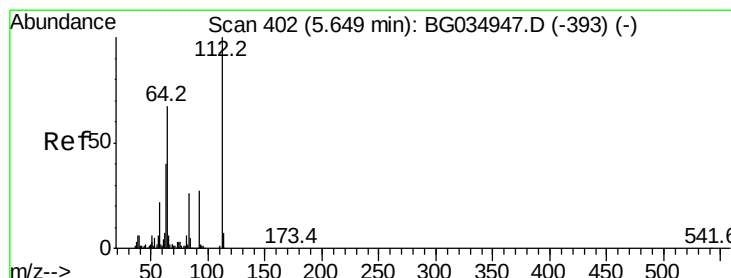
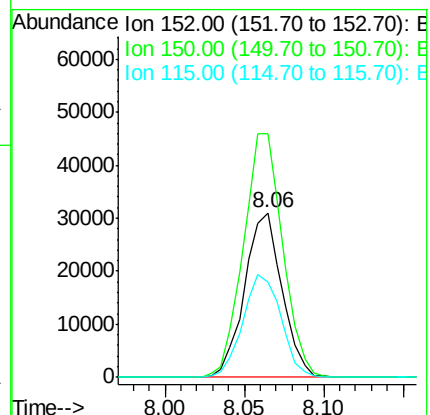
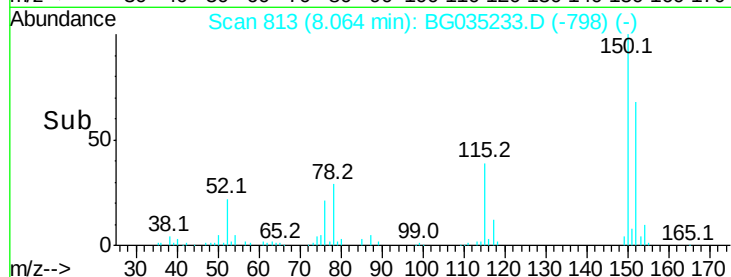
115 57.8 53.0 79.4



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: 140.761 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035233.D

Acq: 19 Jun 2018 1:40

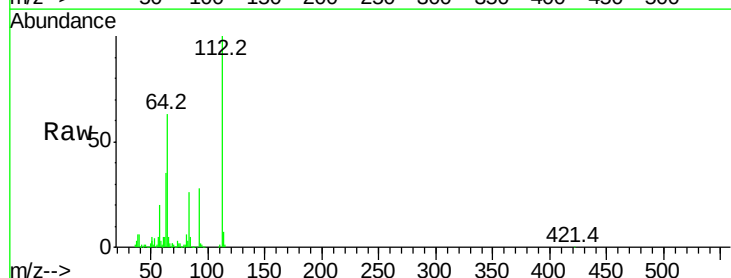
Tgt Ion:112 Resp: 423257

Ion Ratio Lower Upper

112 100

64 63.0 56.3 84.5

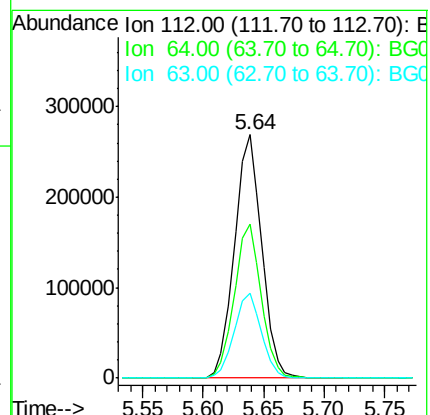
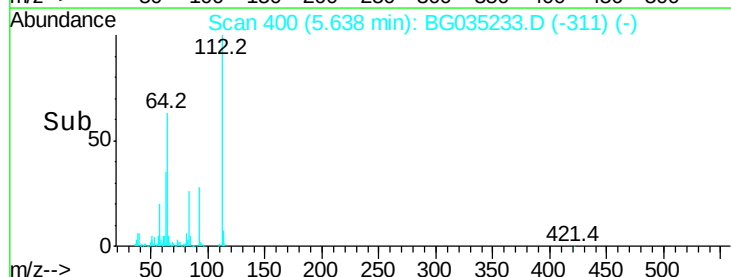
63 35.1 30.1 45.1

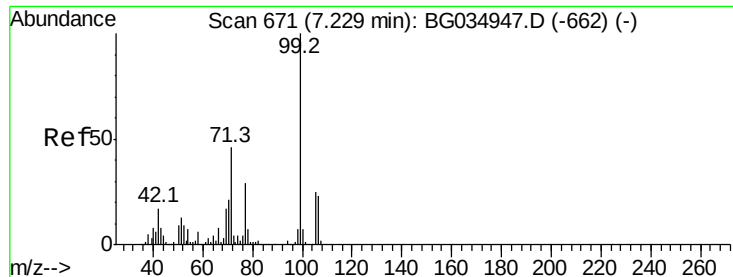


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.152 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035233.D

Acq: 19 Jun 2018 1:40

Instrument :

BNA_G

ClientSampleId :

KGS-SIDE-1-B

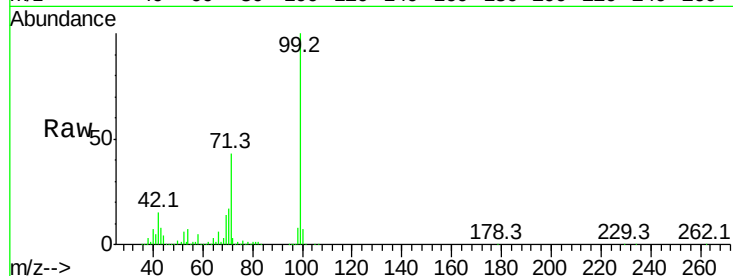
Tot Ion: 99 Resp: 542114

Ion Ratio Lower Upper

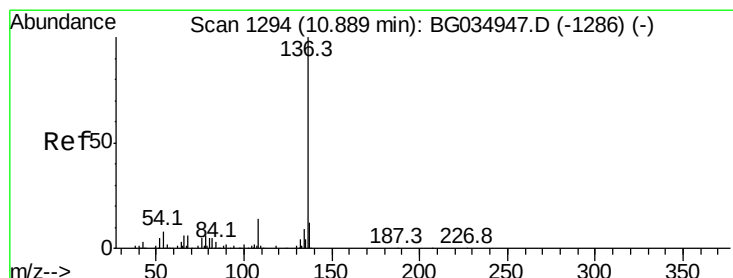
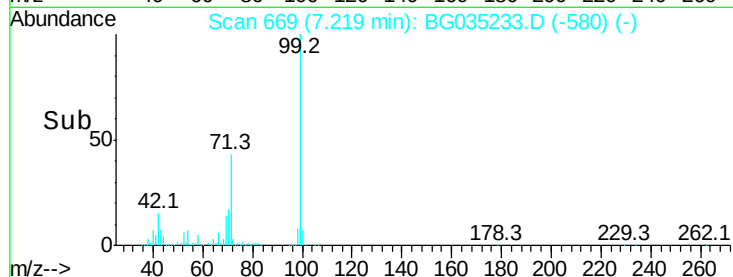
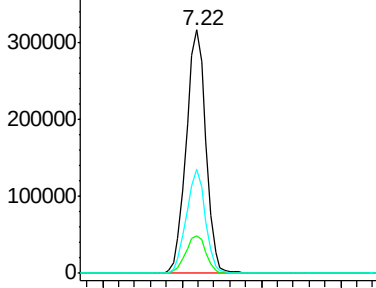
99 100

42 15.4 14.1 21.1

71 42.6 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# 1290

Delta R.T. -0.02 min

Lab File: BG035233.D

Acq: 19 Jun 2018 1:40

Tgt Ion:136 Resp: 178676

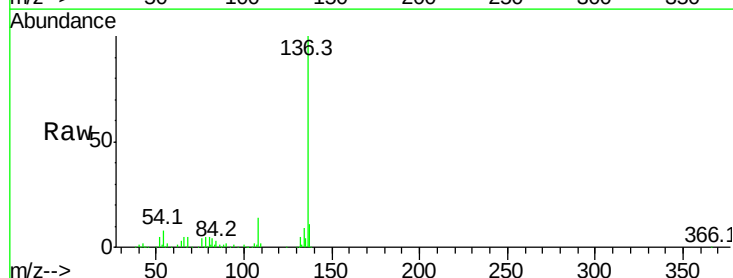
Ion Ratio Lower Upper

136 100

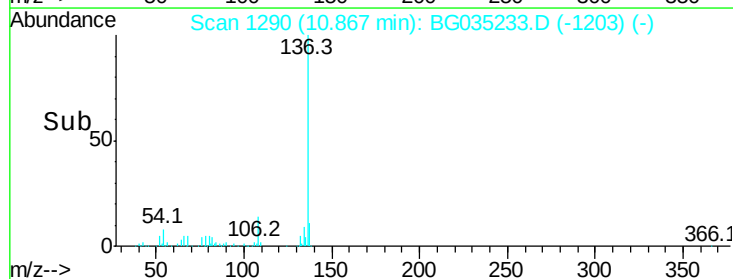
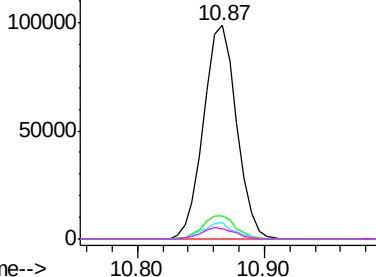
137 10.6 9.2 13.8

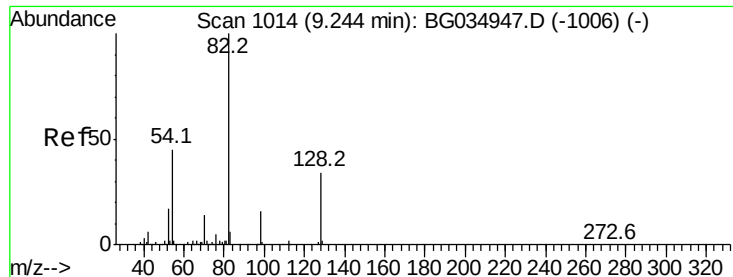
54 7.9 10.3 15.5#

68 4.6 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: 117.593 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035233.D

Acq: 19 Jun 2018 1:40

Instrument :

BNA_G

ClientSampleId :

KGS-SIDE-1-B

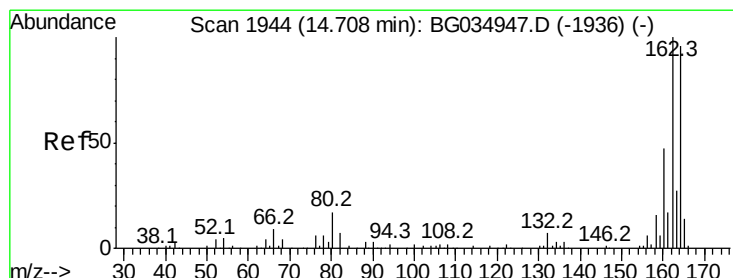
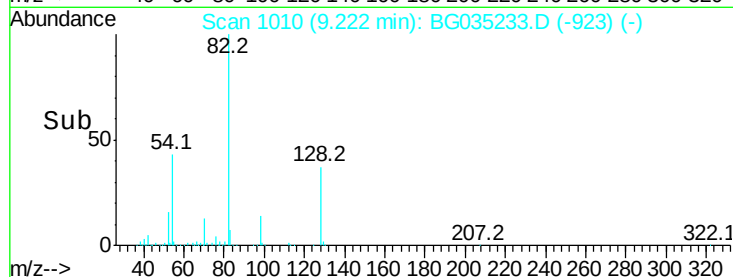
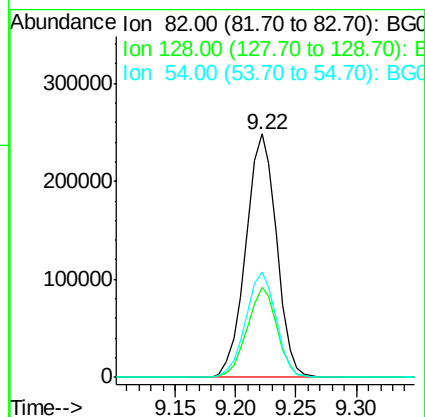
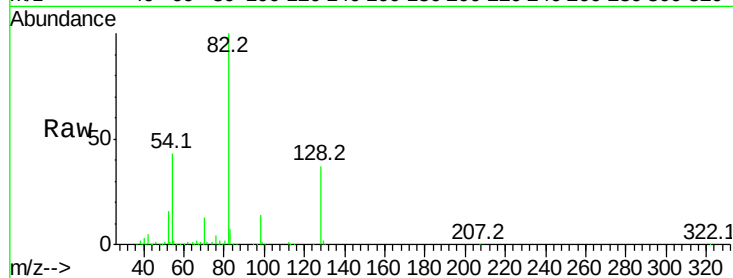
Tot Ion: 82 Resp: 442018

Ion Ratio Lower Upper

82 100

128 37.0 29.7 44.5

54 43.3 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: BG035233.D

Acq: 19 Jun 2018 1:40

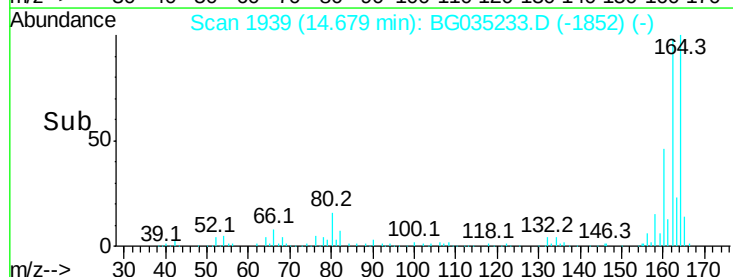
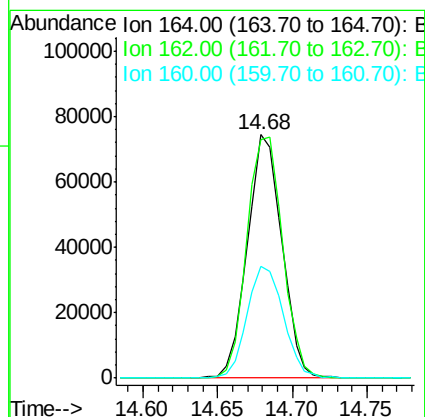
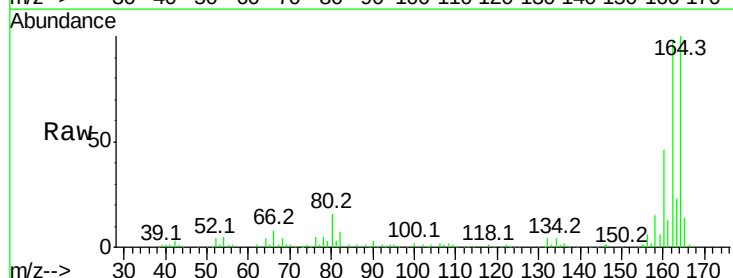
Tgt Ion: 164 Resp: 118834

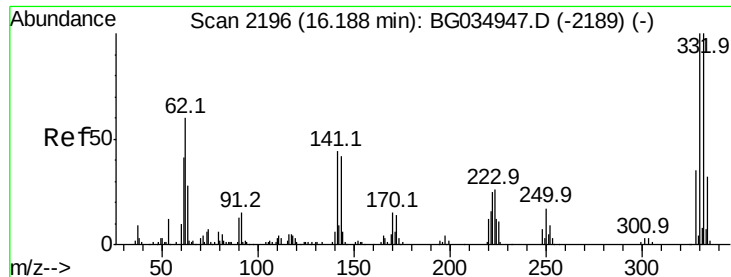
Ion Ratio Lower Upper

164 100

162 98.0 78.8 118.2

160 45.9 35.4 53.0

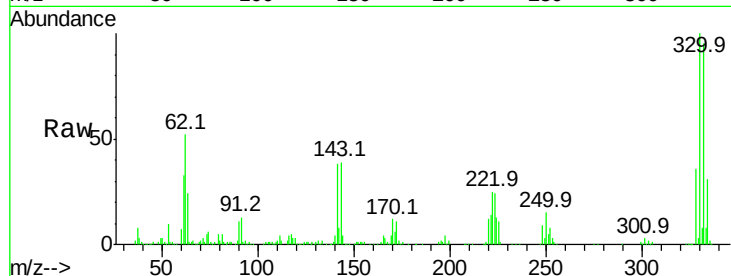




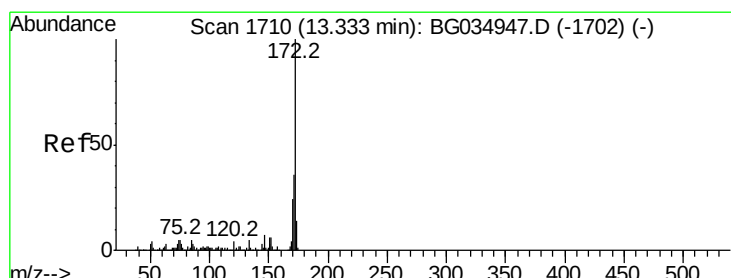
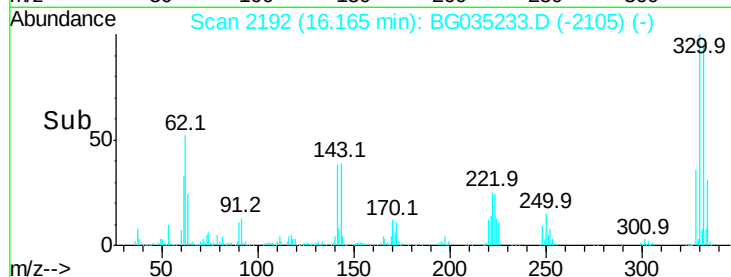
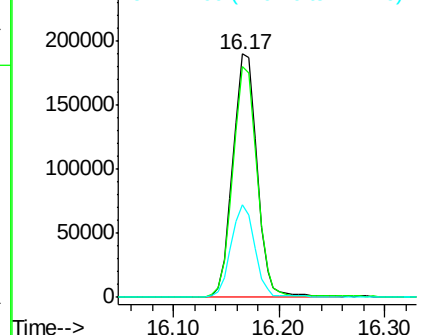
#41
 2,4,6-Tribromophenol
 Concen: 198.506 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035233.D
 Acq: 19 Jun 2018 1:40

Instrument :
 BNA_G
 ClientSampleId :
 KGS-SIDE-1-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	37.8	25.2	37.8#

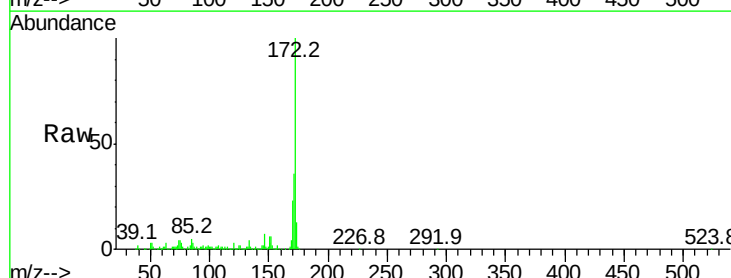


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

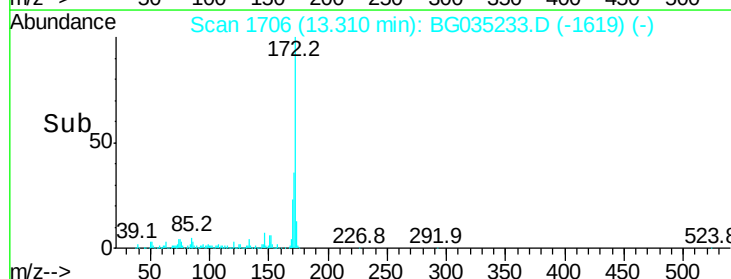
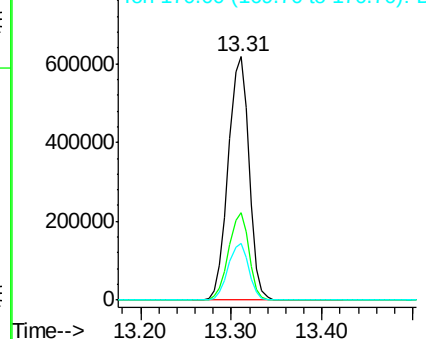


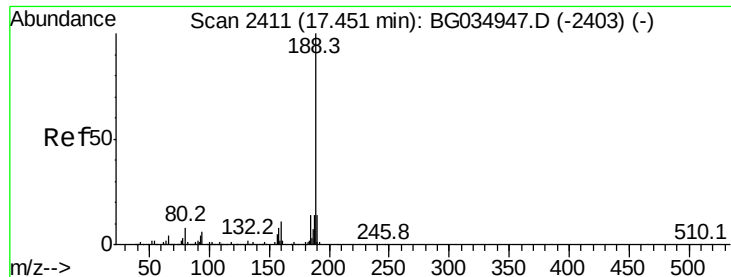
#44
 2-Fluorobiphenyl
 Concen: 107.650 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035233.D
 Acq: 19 Jun 2018 1:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	23.2	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: BG035233.D

Acq: 19 Jun 2018 1:40

Instrument :

BNA_G

ClientSampleId :

KGS-SIDE-1-B

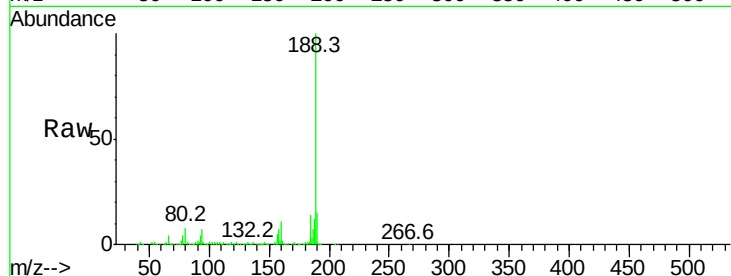
Tot Ion:188 Resp: 318101

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

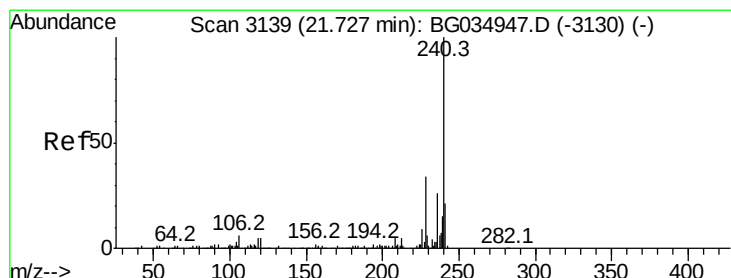
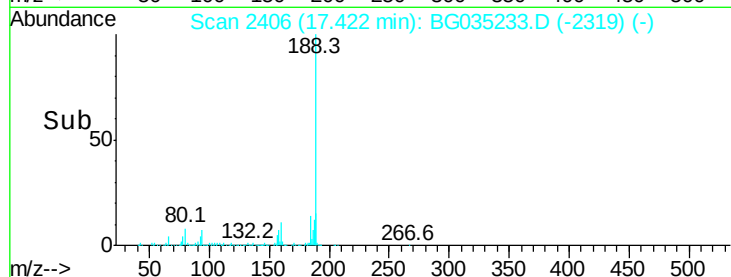
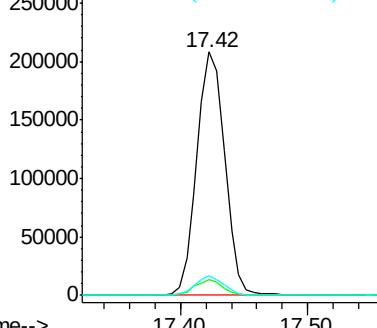
80 7.8 7.7 11.5



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# 3133

Delta R.T. -0.02 min

Lab File: BG035233.D

Acq: 19 Jun 2018 1:40

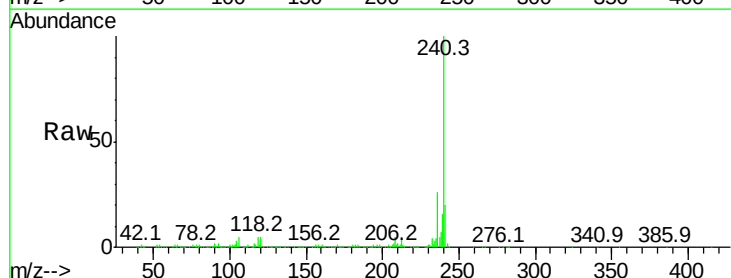
Tgt Ion:240 Resp: 395013

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

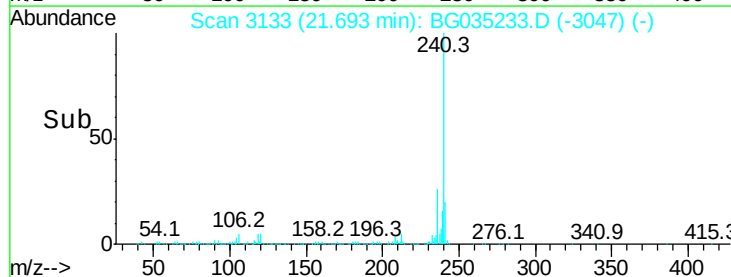
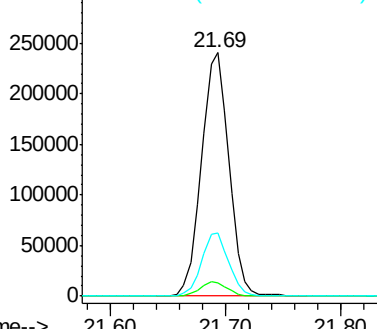
236 26.0 20.9 31.3

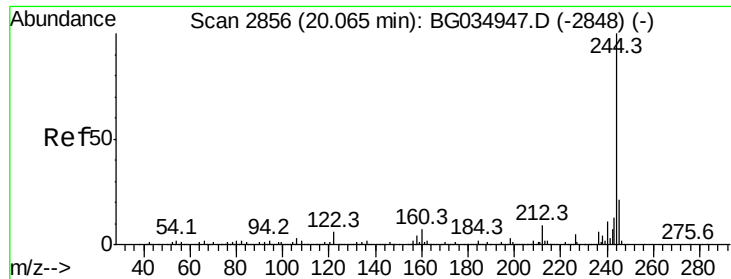


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.547 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035233.D

Acq: 19 Jun 2018 1:40

Instrument :

BNA_G

ClientSampleId :

KGS-SIDE-1-B

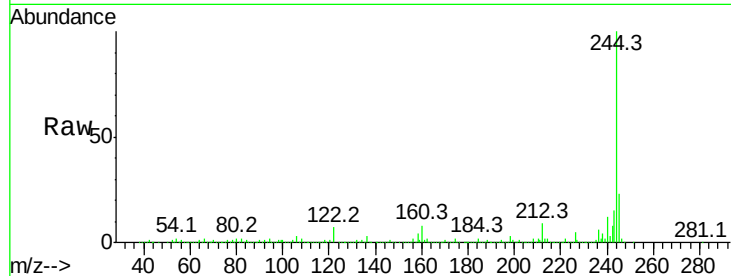
Tot Ion:244 Resp: 1896108

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

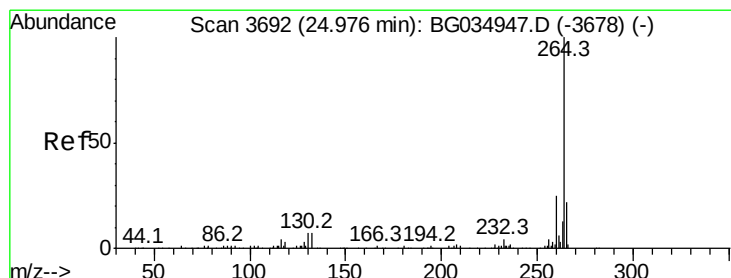
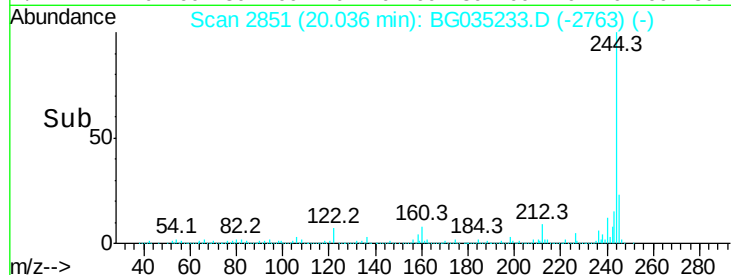
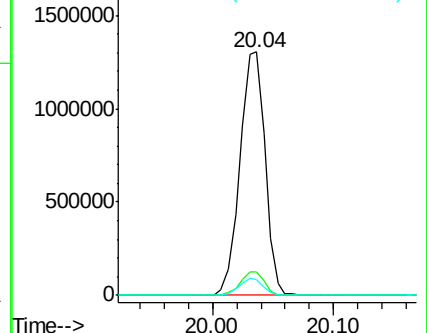
122 6.7 7.0 10.4#



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. -0.04 min

Lab File: BG035233.D

Acq: 19 Jun 2018 1:40

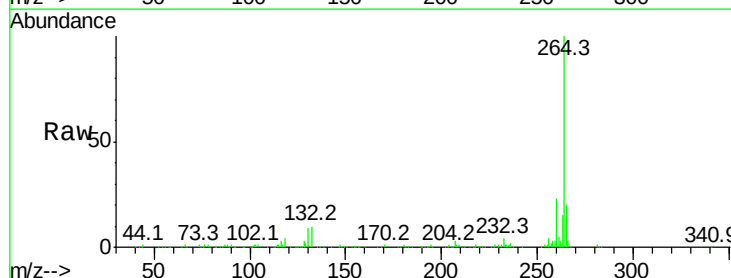
Tgt Ion:264 Resp: 345179

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 20.5 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

