

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035509.D
 Acq On : 29 Jun 2018 11:42
 Operator : JU/SJ
 Sample : PB110463BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110463BL

Quant Time: Jun 29 14:13:49 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	29653	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	111526	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	84130	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	257187	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	312585	20.00	ng	-0.03
86) Perylene-d12	24.91	264	281899	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	207343	118.00	ng	0.00
7) Phenol-d6	7.23	99	309569	119.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	194352	82.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	150762	139.99	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	484378	74.85	ng	-0.02
78) Terphenyl-d14	20.03	244	1136340	76.15	ng	-0.02

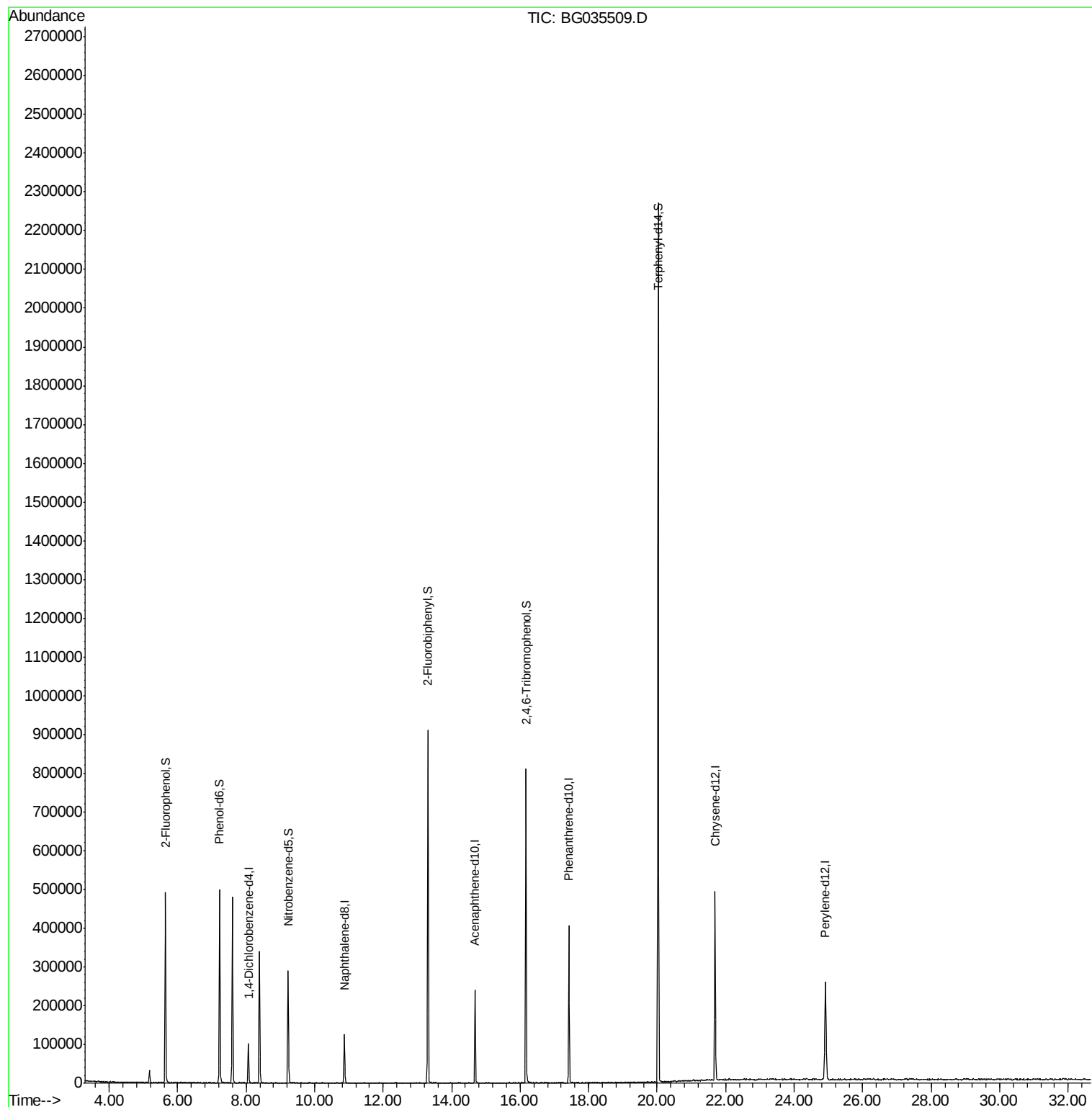
Target Compounds Qvalue

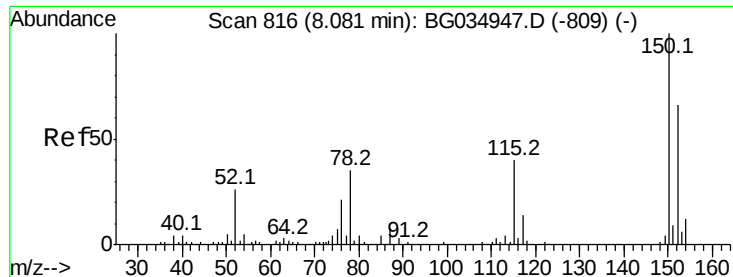
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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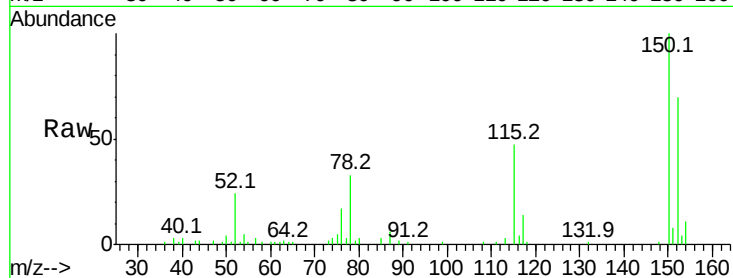


#1

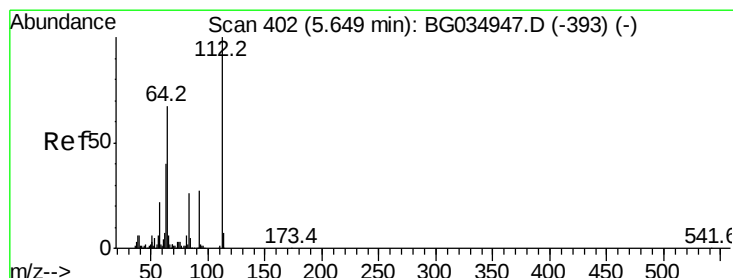
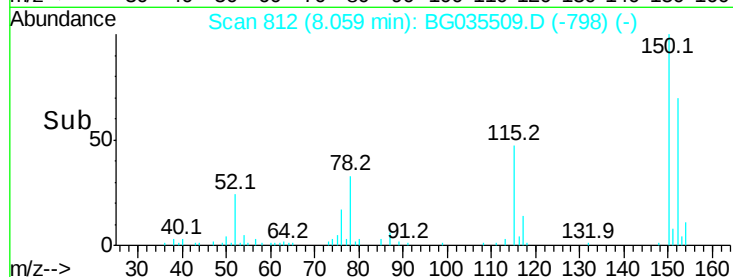
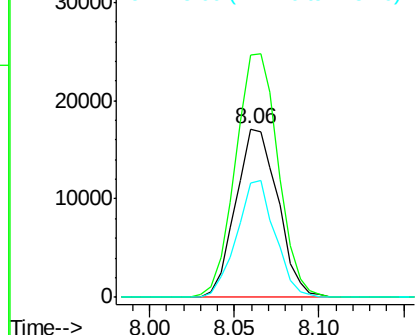
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035509.D
Acq: 29 Jun 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB110463BL

Tot Ion:152 Resp: 29653
Ion Ratio Lower Upper
152 100
150 143.8 126.6 189.8
115 68.0 53.0 79.4



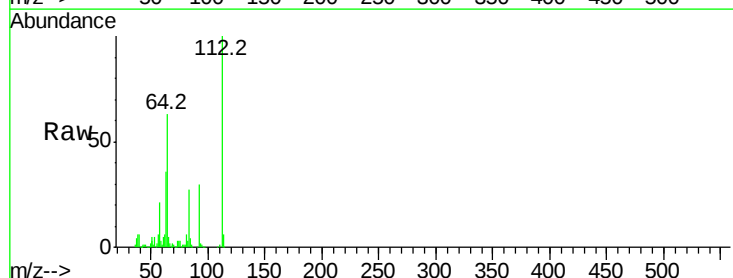
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



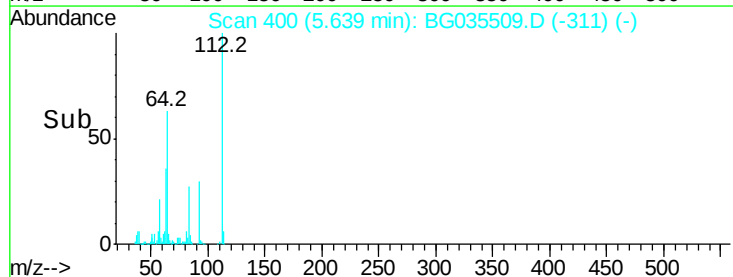
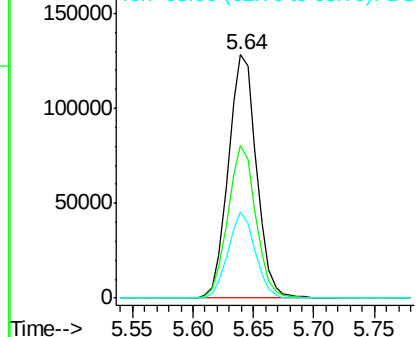
#5

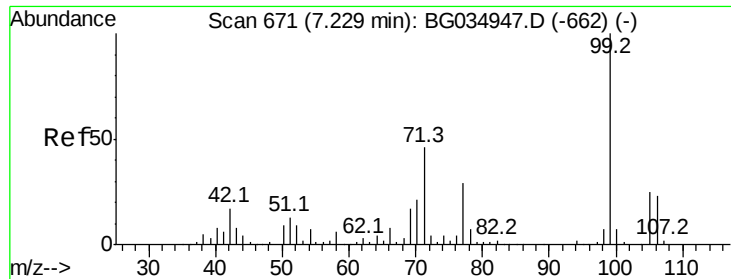
2-Fluorophenol
Concen: 118.003 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035509.D
Acq: 29 Jun 2018 11:42

Tgt Ion:112 Resp: 207343
Ion Ratio Lower Upper
112 100
64 62.8 56.3 84.5
63 35.6 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: 119.369 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035509.D

Acq: 29 Jun 2018 11:42

Instrument :

BNA_G

ClientSampleId :

PB110463BL

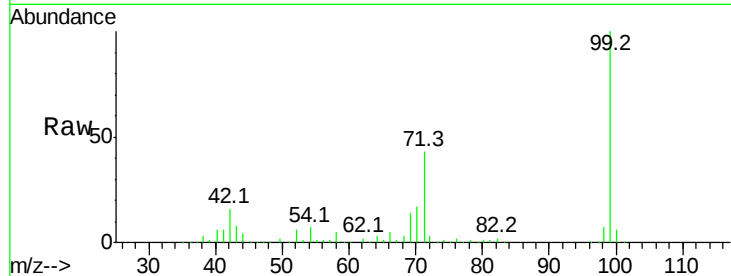
Tot Ion: 99 Resp: 309569

Ion Ratio Lower Upper

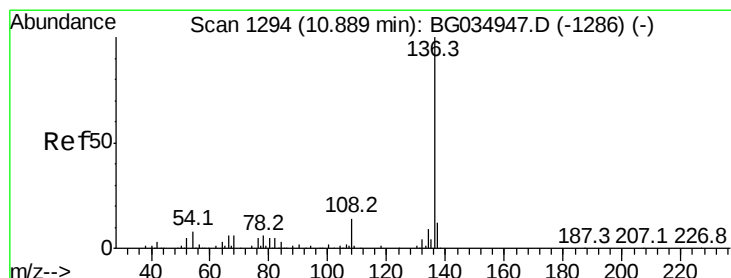
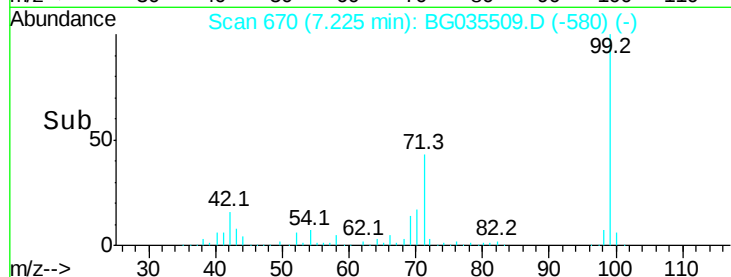
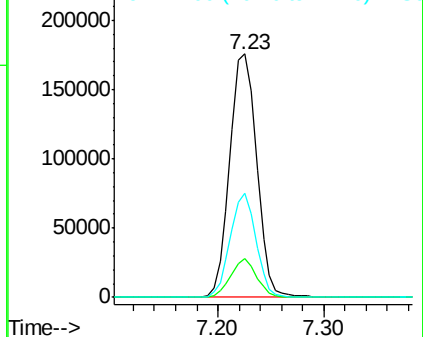
99 100

42 15.8 14.1 21.1

71 42.9 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: BG035509.D

Acq: 29 Jun 2018 11:42

Tgt Ion: 136 Resp: 111526

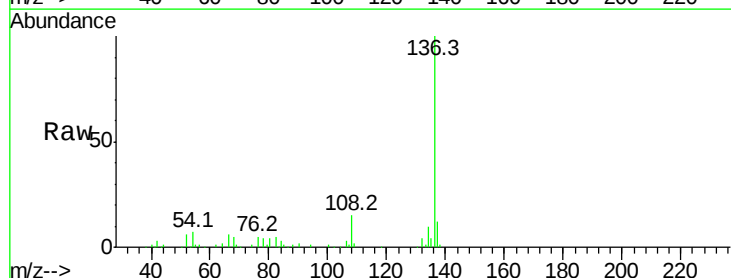
Ion Ratio Lower Upper

136 100

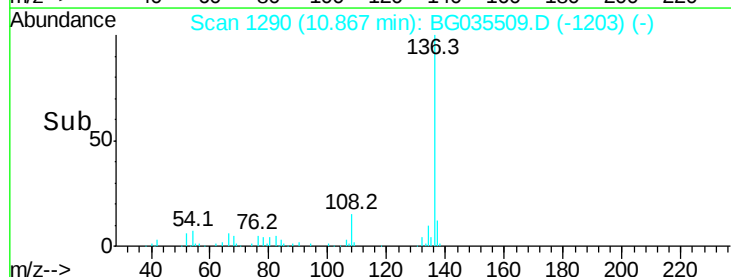
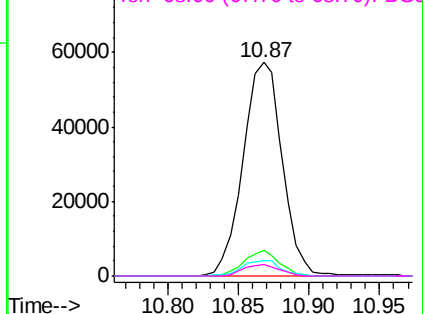
137 11.9 9.2 13.8

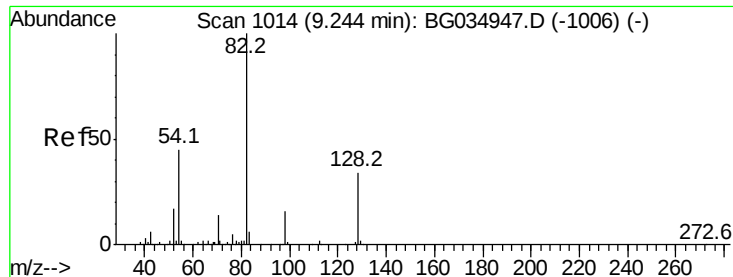
54 7.4 10.3 15.5#

68 5.2 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: 82.836 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035509.D

Acq: 29 Jun 2018 11:42

Instrument :

BNA_G

ClientSampleId :

PB110463BL

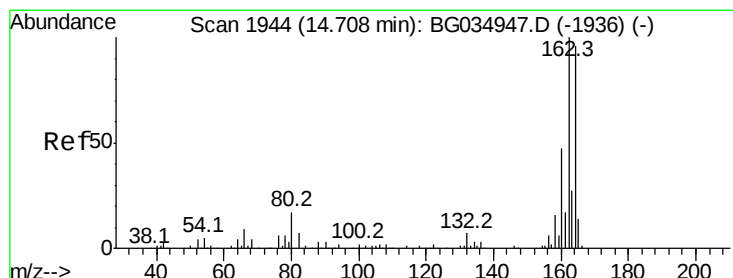
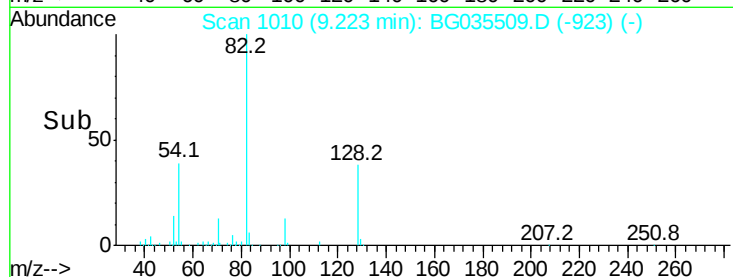
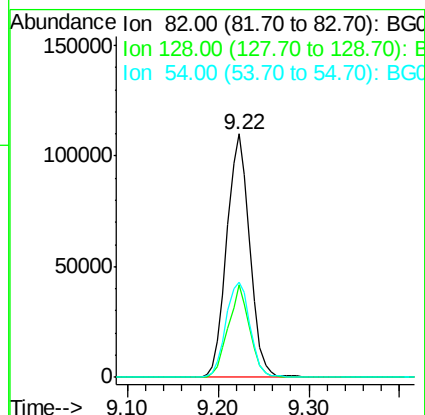
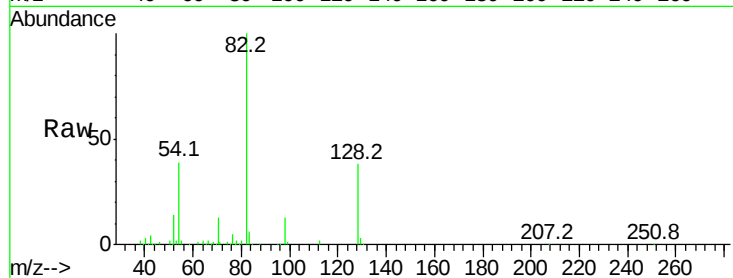
Tot Ion: 82 Resp: 194352

Ion Ratio Lower Upper

82 100

128 37.8 29.7 44.5

54 39.2 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: BG035509.D

Acq: 29 Jun 2018 11:42

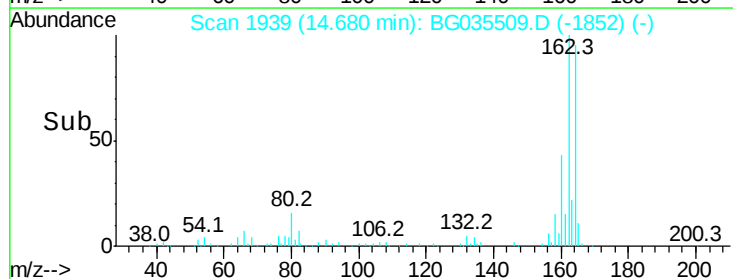
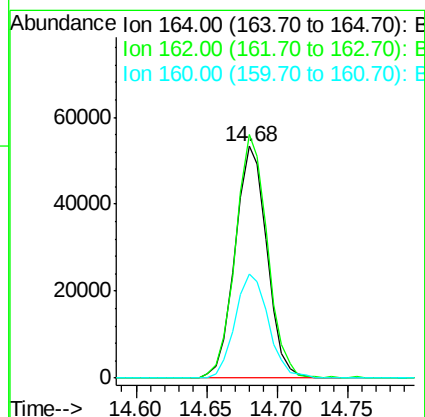
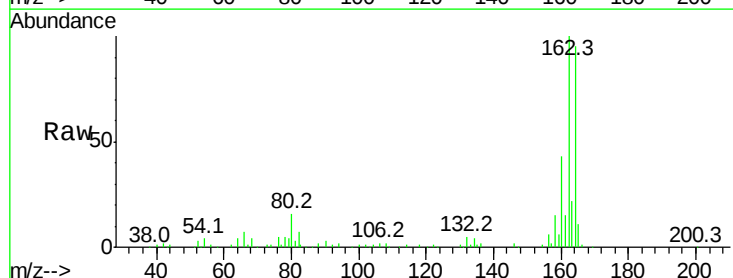
Tgt Ion: 164 Resp: 84130

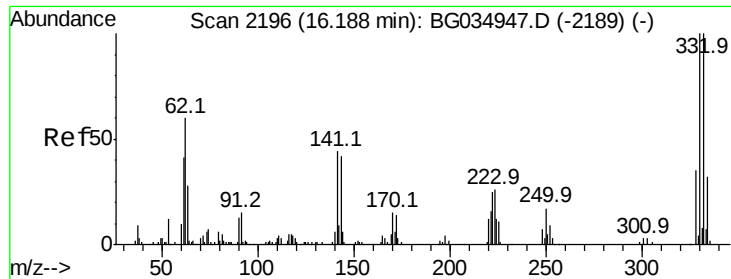
Ion Ratio Lower Upper

164 100

162 105.1 78.8 118.2

160 44.8 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 139.987 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035509.D

Acq: 29 Jun 2018 11:42

Instrument :

BNA_G

ClientSampleId :

PB110463BL

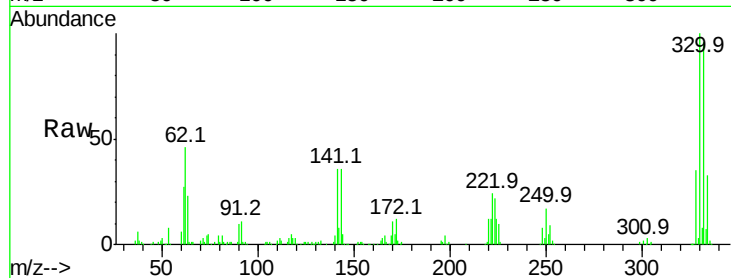
Tot Ion:330 Resp: 150762

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

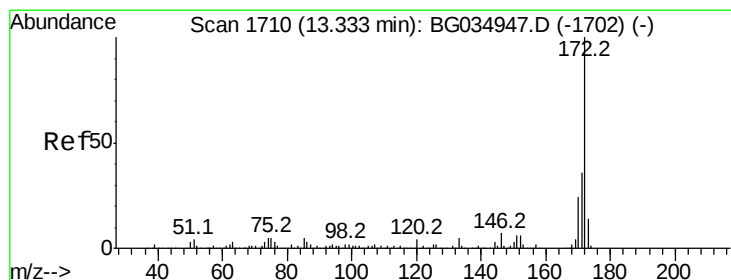
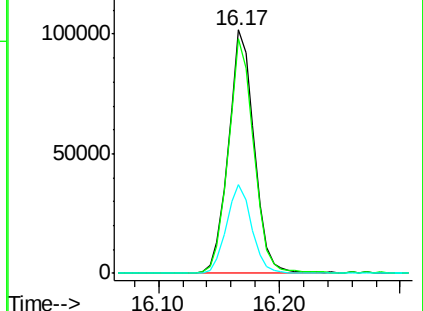
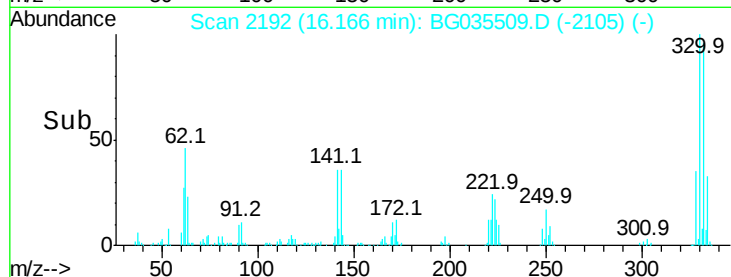
141 35.6 25.2 37.8



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: 74.847 ng

RT: 13.31 min Scan# 1705

Delta R.T. -0.02 min

Lab File: BG035509.D

Acq: 29 Jun 2018 11:42

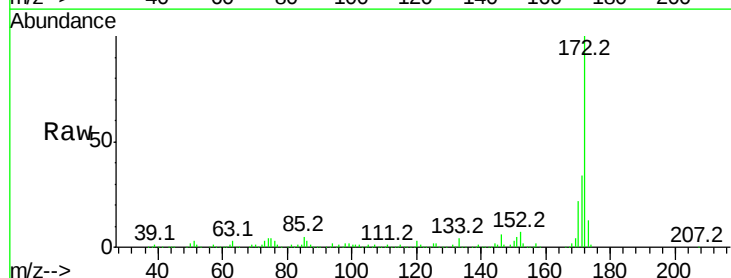
Tgt Ion:172 Resp: 484378

Ion Ratio Lower Upper

172 100

171 34.3 30.0 45.0

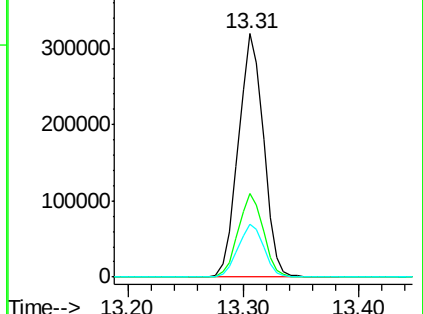
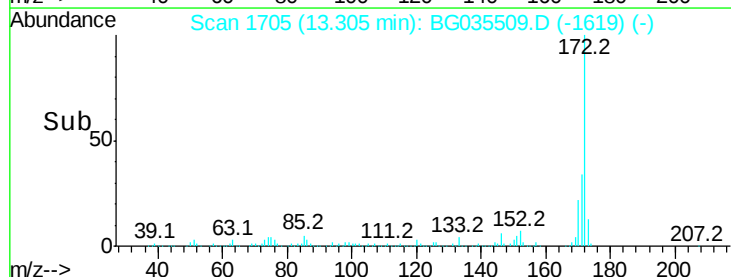
170 22.0 19.5 29.3

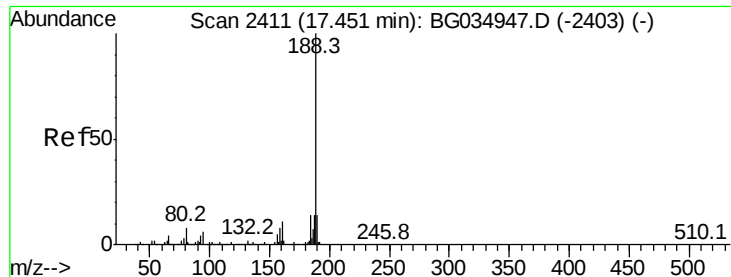


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG035509.D

Acq: 29 Jun 2018 11:42

Instrument :

BNA_G

ClientSampleId :

PB110463BL

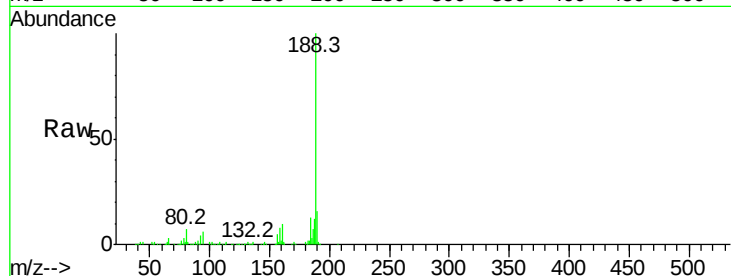
Tot Ion:188 Resp: 257187

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

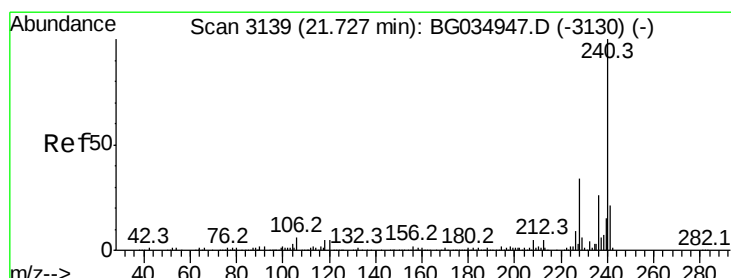
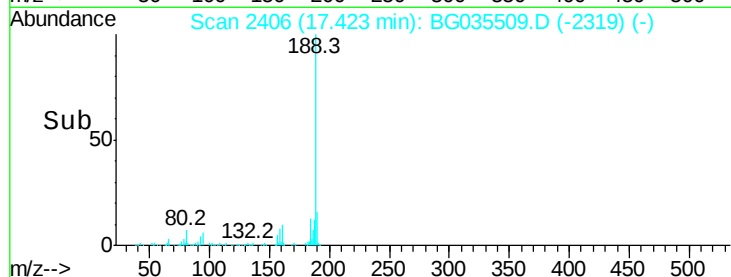
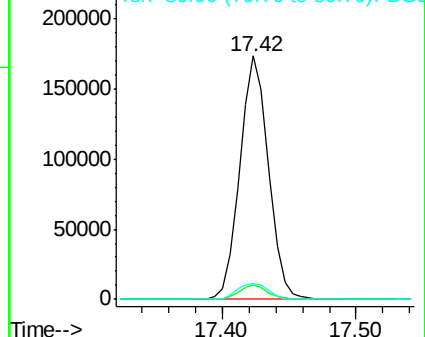
80 6.7 7.7 11.5#



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: BG035509.D

Acq: 29 Jun 2018 11:42

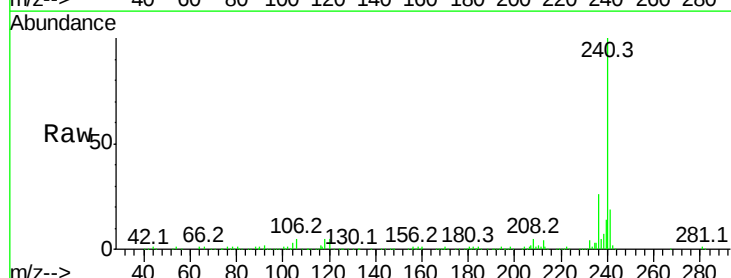
Tgt Ion:240 Resp: 312585

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

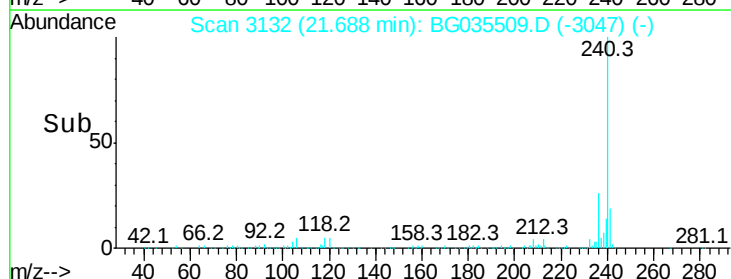
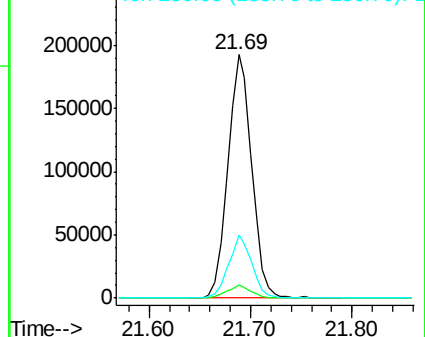
236 25.8 20.9 31.3

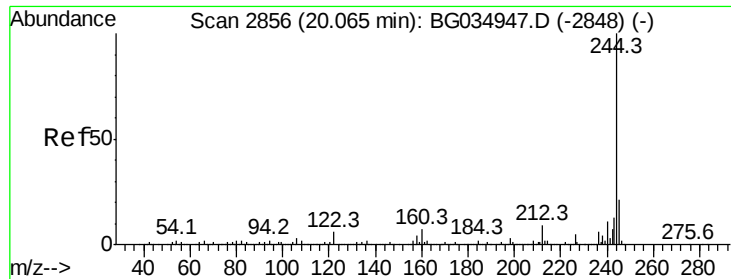


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.148 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035509.D

Acq: 29 Jun 2018 11:42

Instrument :

BNA_G

ClientSampled :

PB110463BL

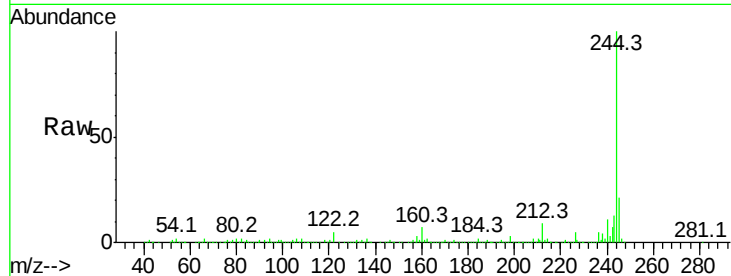
Tot Ion:244 Resp: 1136340

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

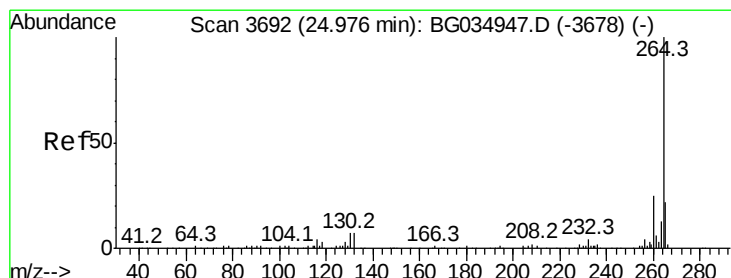
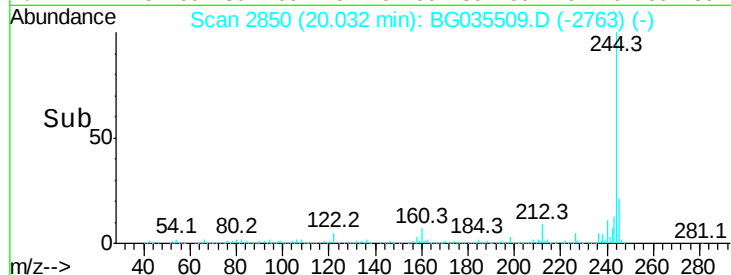
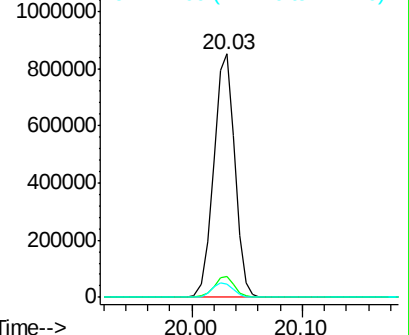
122 5.4 7.0 10.4#



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: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035509.D

Acq: 29 Jun 2018 11:42

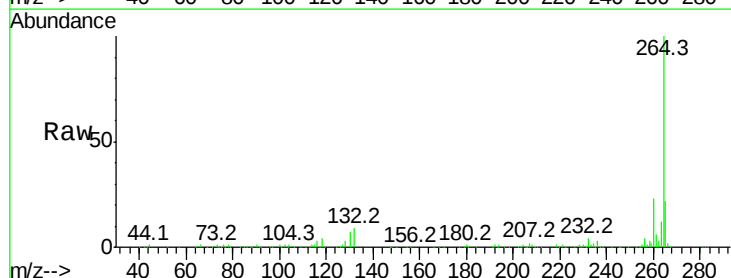
Tgt Ion:264 Resp: 281899

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.3 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

