

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035738.D
 Acq On : 19 Jul 2018 4:58
 Operator : JU/SJ
 Sample : PB111232TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111232TB

Quant Time: Jul 19 07:17:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48856	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	180910	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	124477	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	348900	20.00	ng	0.00
75) Chrysene-d12	21.67	240	412073	20.00	ng	0.00
86) Perylene-d12	24.88	264	386801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	414238	140.77	ng	0.00
7) Phenol-d6	7.21	99	572664	130.43	ng	0.00
23) Nitrobenzene-d5	9.20	82	363393	83.91	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	200494	122.20	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	825445	88.84	ng	0.00
78) Terphenyl-d14	20.01	244	1589296	85.02	ng	0.00

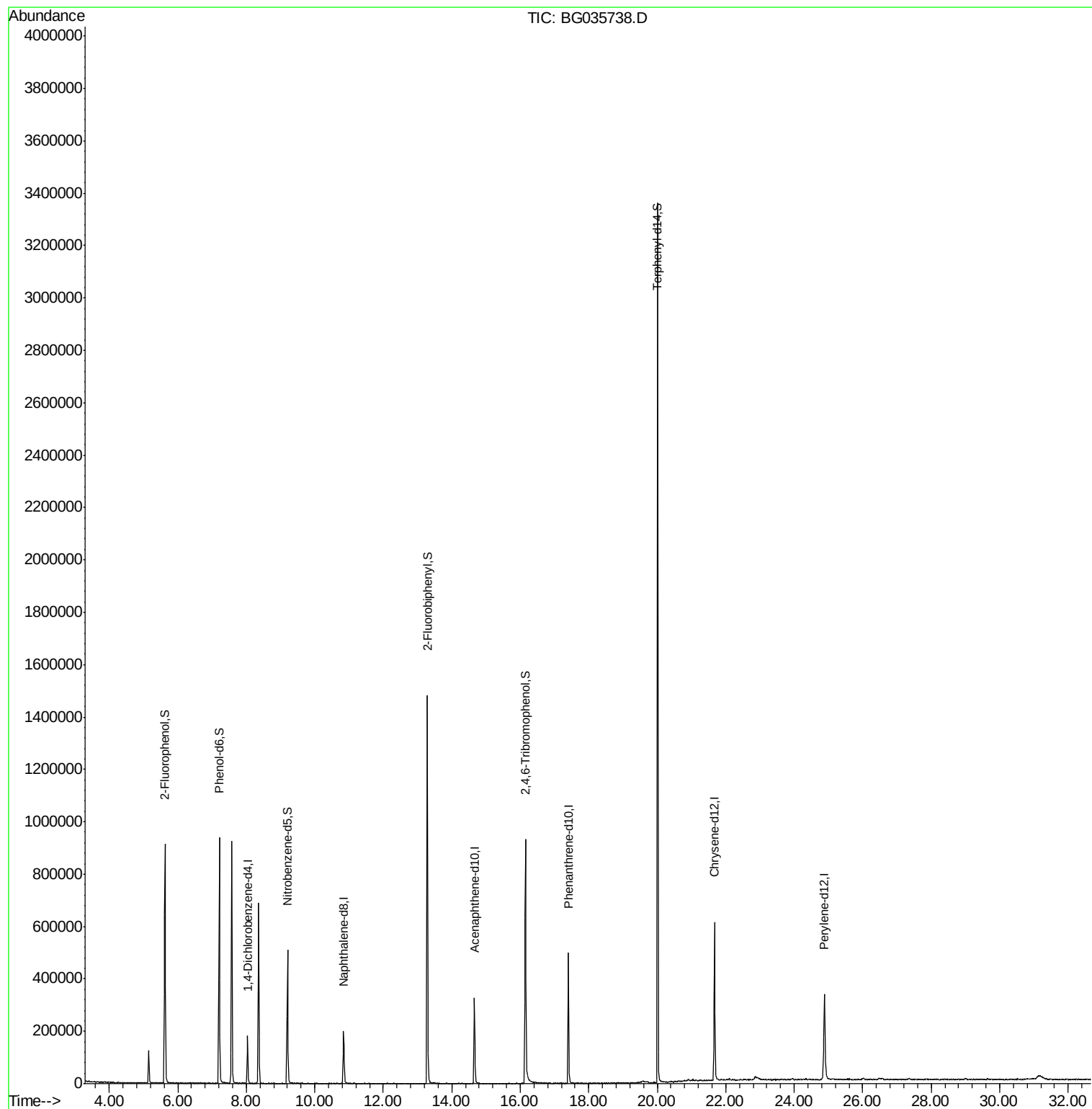
Target Compounds Qvalue

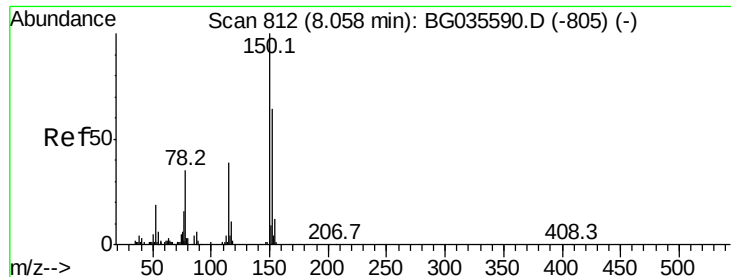
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG035738.D

Acq: 19 Jul 2018 4:58

Instrument :

BNA_G

ClientSampleId :

PB111232TB

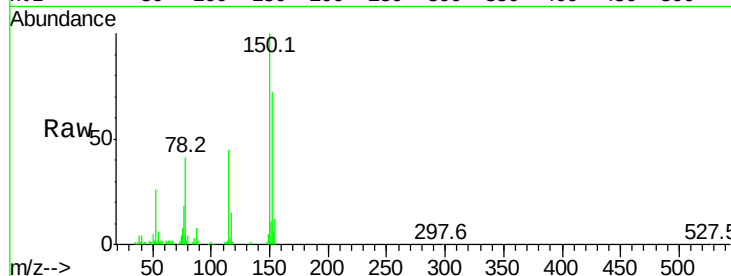
Tot Ion:152 Resp: 48856

Ion Ratio Lower Upper

152 100

150 138.8 126.6 189.8

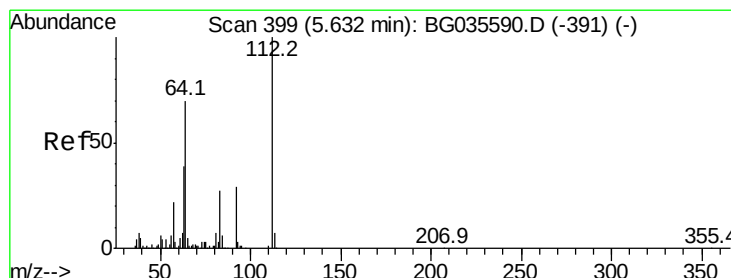
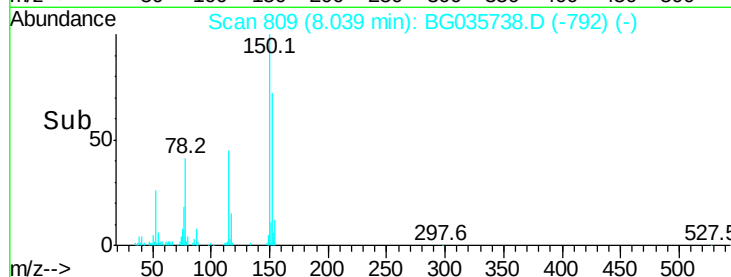
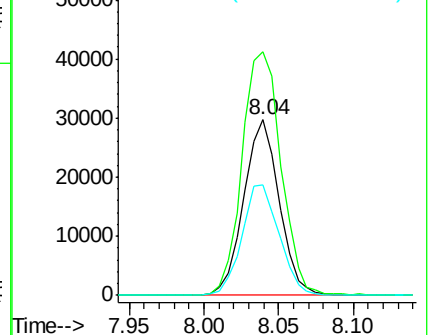
115 62.9 53.0 79.4



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: 140.767 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG035738.D

Acq: 19 Jul 2018 4:58

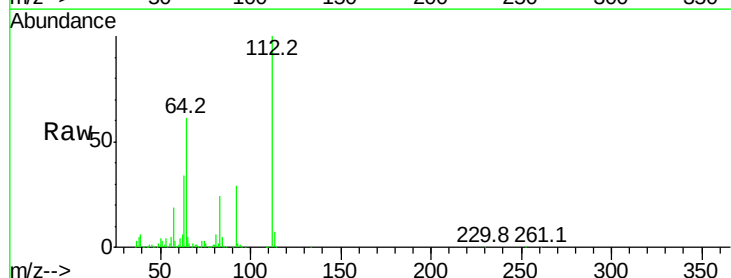
Tgt Ion:112 Resp: 414238

Ion Ratio Lower Upper

112 100

64 61.2 56.3 84.5

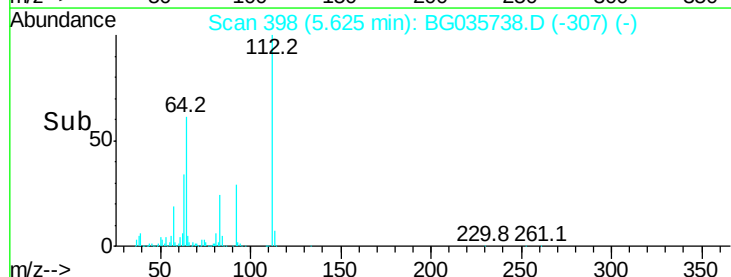
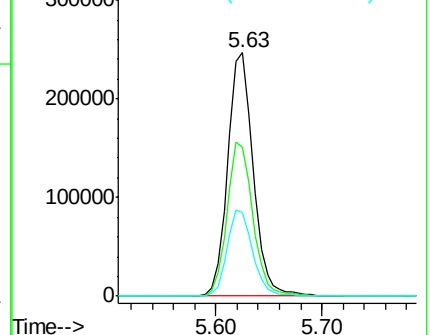
63 34.2 30.1 45.1

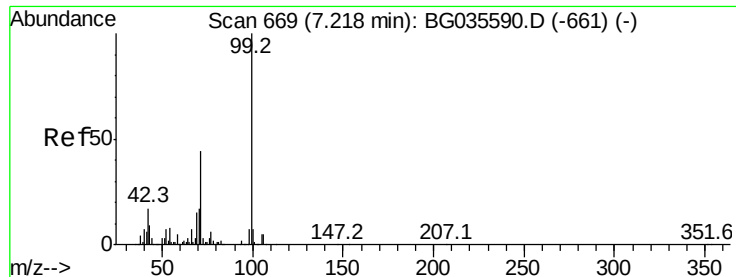


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 130.433 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG035738.D

Acq: 19 Jul 2018 4:58

Instrument :

BNA_G

ClientSampleId :

PB111232TB

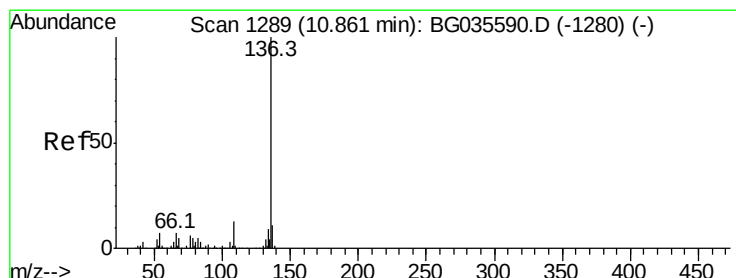
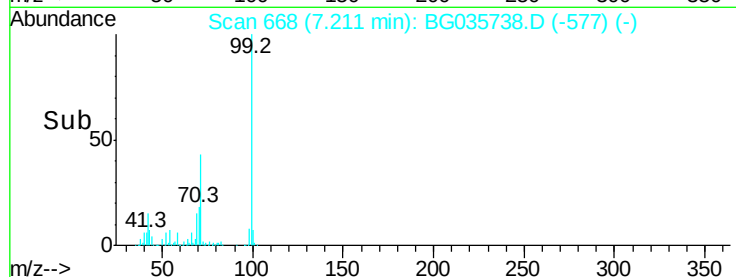
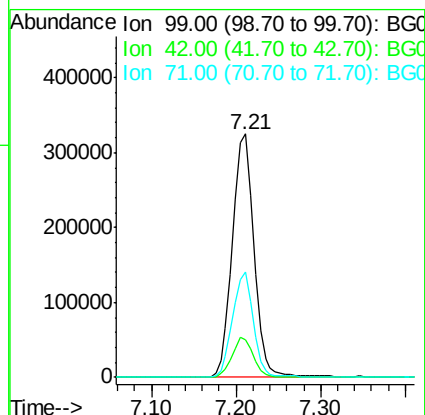
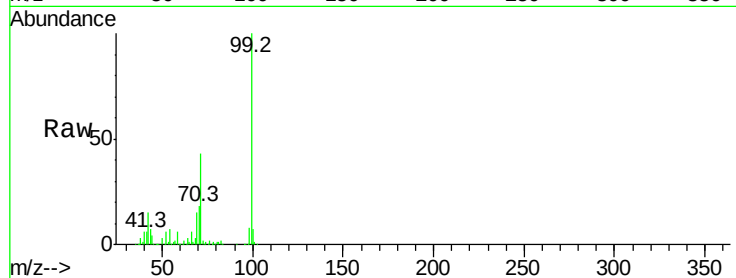
Tot Ion: 99 Resp: 572664

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 43.3 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG035738.D

Acq: 19 Jul 2018 4:58

Tgt Ion: 136 Resp: 180910

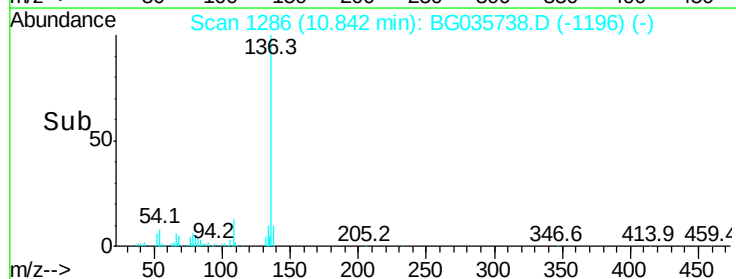
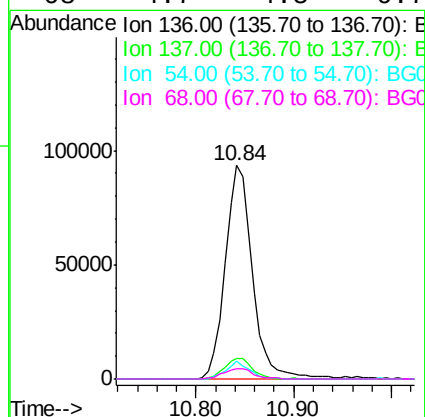
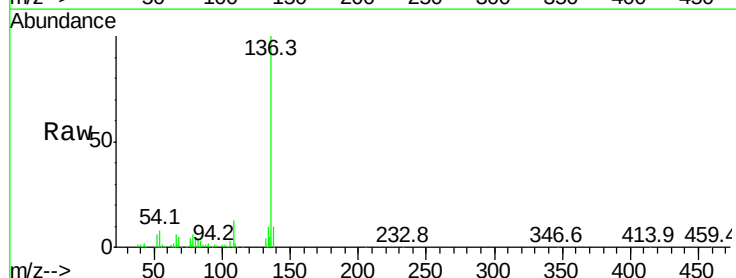
Ion Ratio Lower Upper

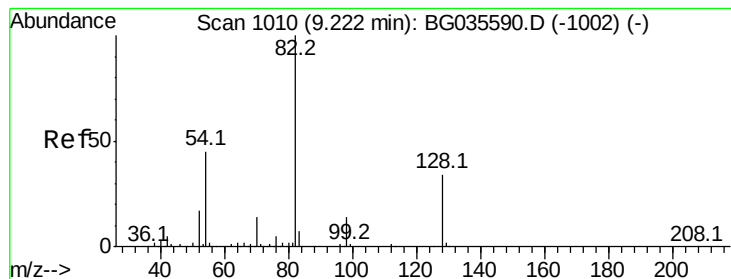
136 100

137 9.6 9.2 13.8

54 8.2 10.3 15.5#

68 4.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 83.913 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG035738.D

Acq: 19 Jul 2018 4:58

Instrument :

BNA_G

ClientSampleId :

PB111232TB

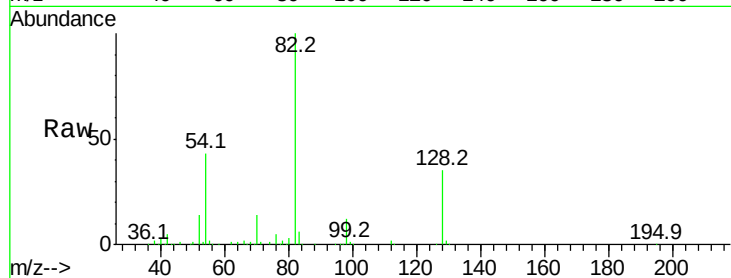
Tot Ion: 82 Resp: 363393

Ion Ratio Lower Upper

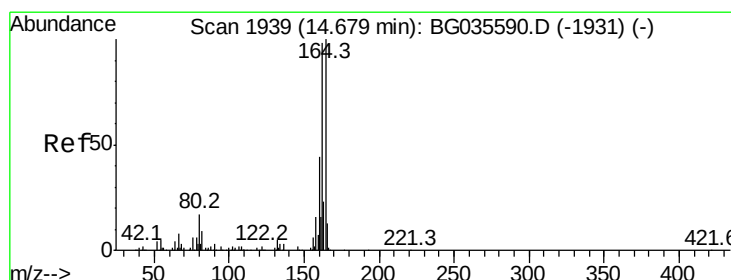
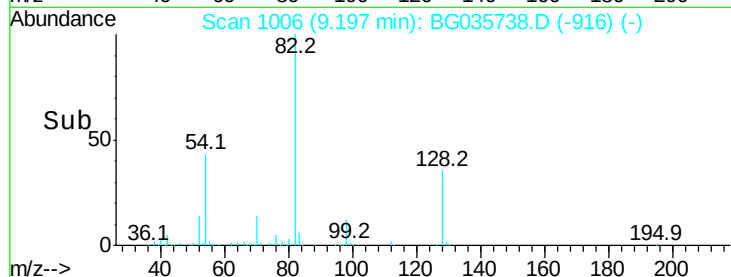
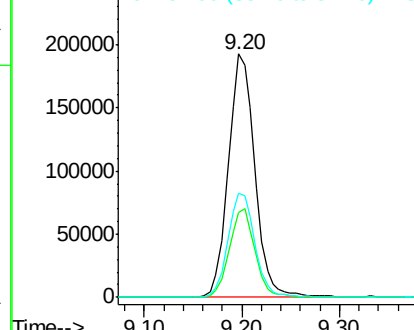
82 100

128 34.7 29.7 44.5

54 42.5 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: 14.67 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BG035738.D

Acq: 19 Jul 2018 4:58

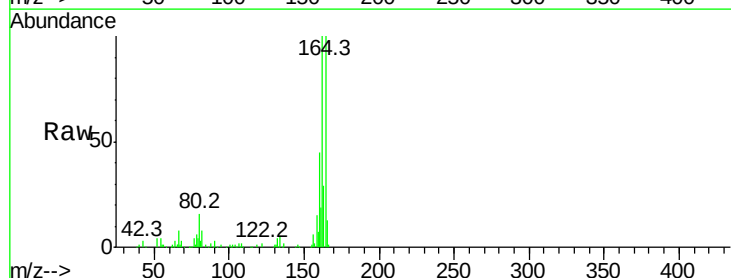
Tgt Ion:164 Resp: 124477

Ion Ratio Lower Upper

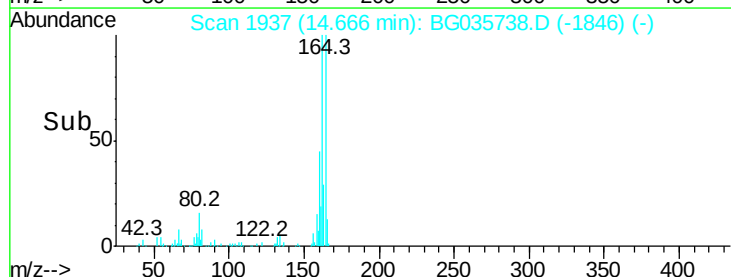
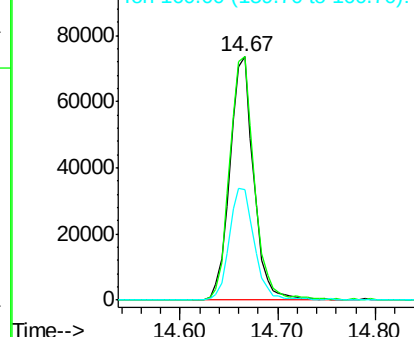
164 100

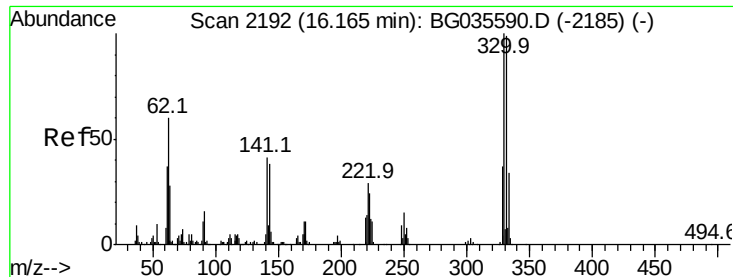
162 99.9 78.8 118.2

160 45.5 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

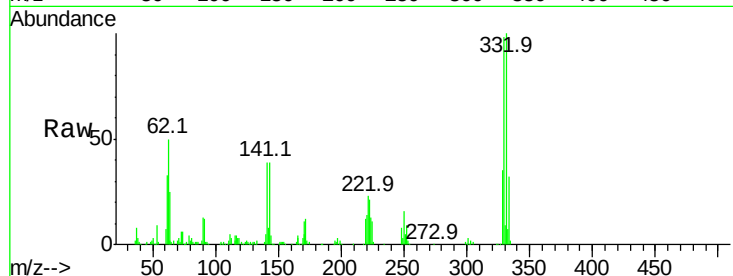




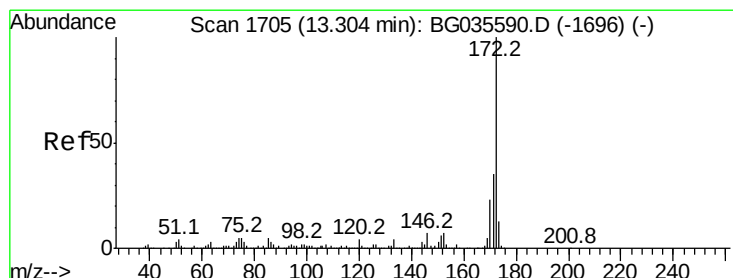
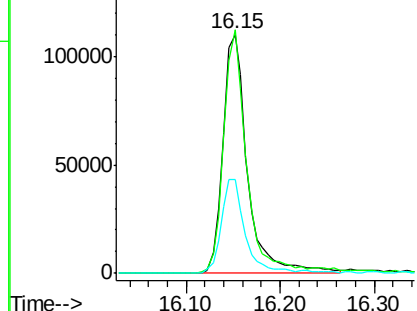
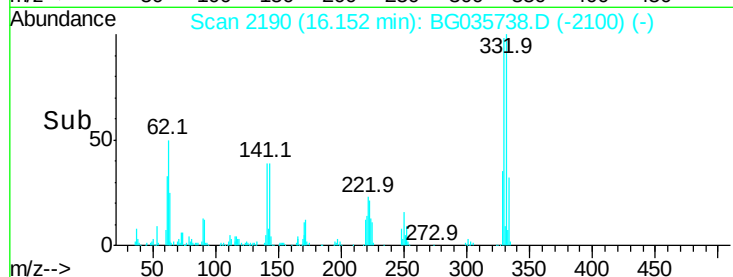
#41
 2,4,6-Tribromophenol
 Concen: 122.201 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG035738.D
 Acq: 19 Jul 2018 4:58

Instrument :
 BNA_G
 ClientSampleId :
 PB111232TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	38.9	25.2	37.8#

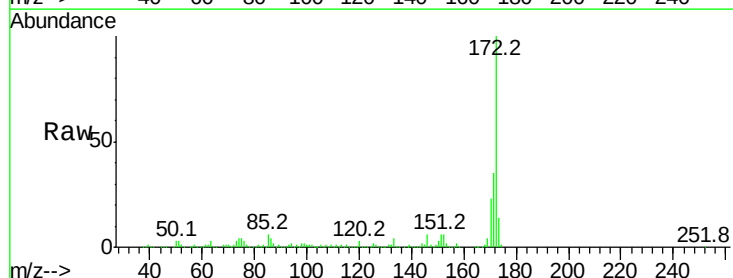


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

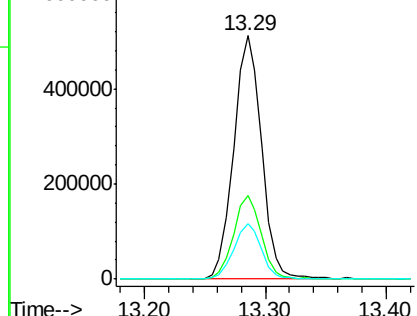
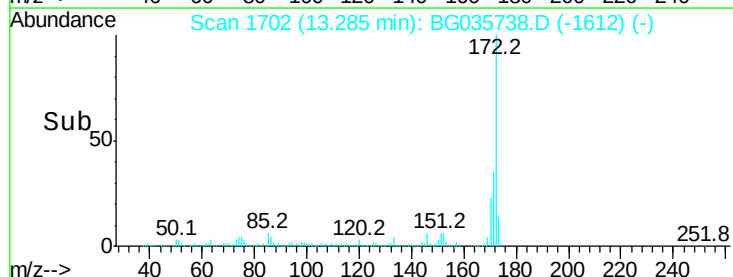


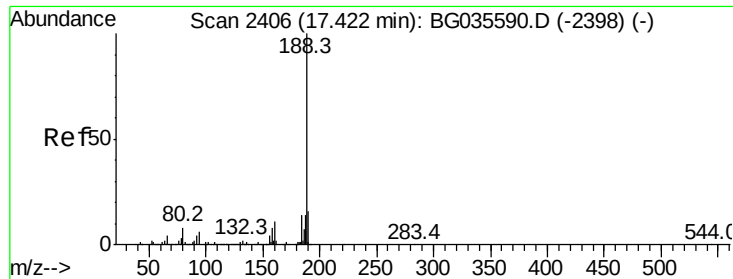
#44
 2-Fluorobiphenyl
 Concen: 88.842 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG035738.D
 Acq: 19 Jul 2018 4:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	22.8	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: 17.40 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BG035738.D

Acq: 19 Jul 2018 4:58

Instrument :

BNA_G

ClientSampleId :

PB111232TB

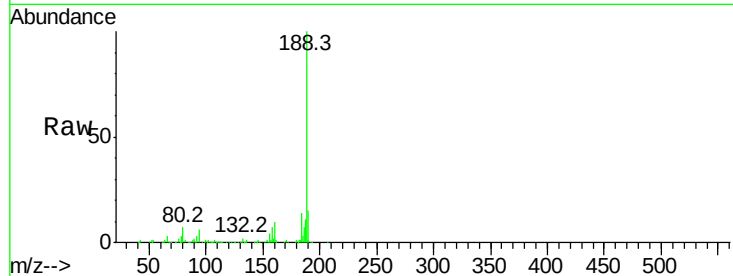
Tot Ion:188 Resp: 348900

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

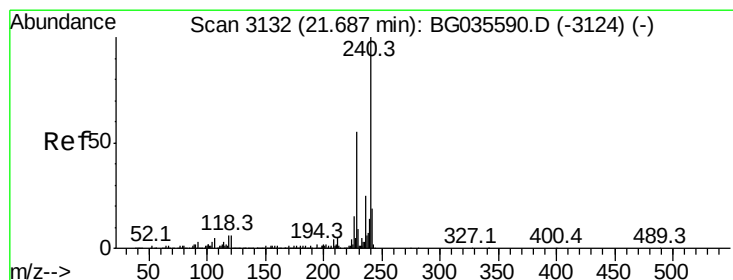
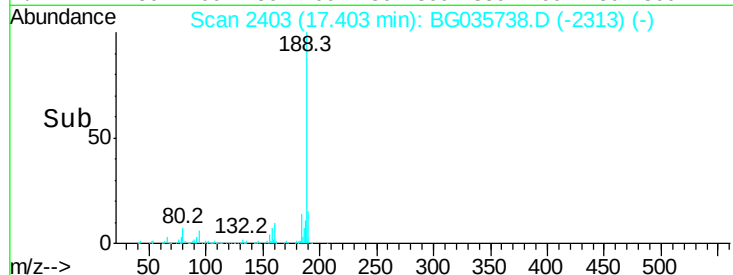
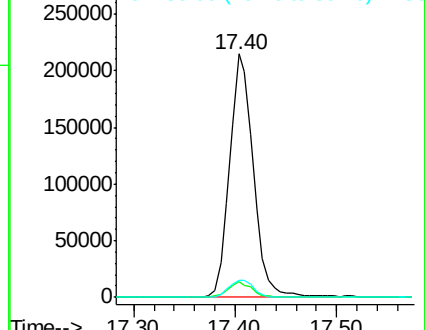
80 7.2 7.7 11.5#



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: 21.67 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BG035738.D

Acq: 19 Jul 2018 4:58

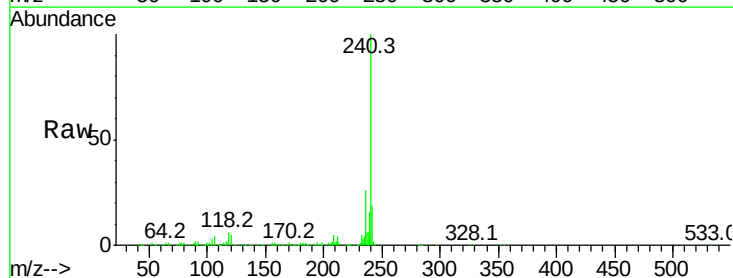
Tgt Ion:240 Resp: 412073

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

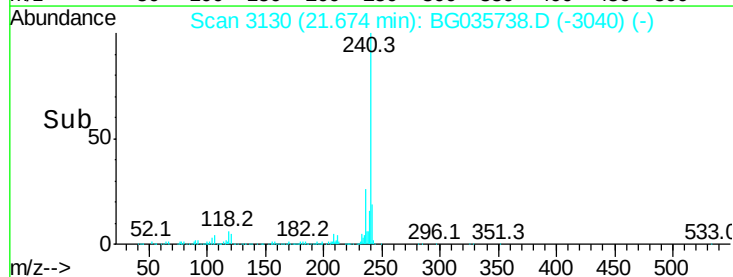
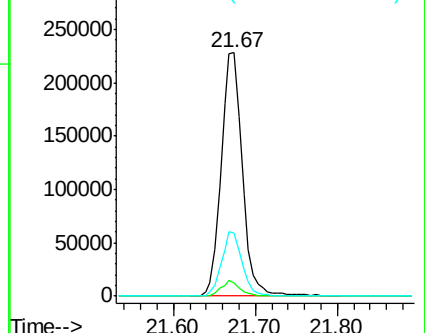
236 25.9 20.9 31.3

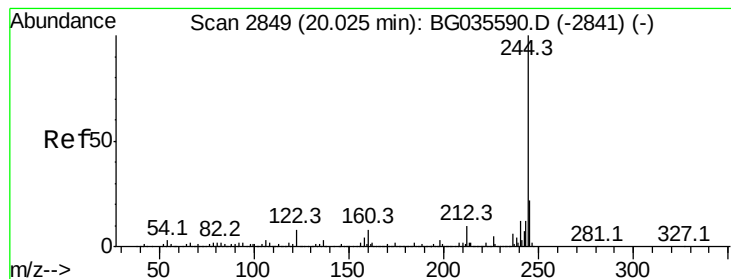


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.016 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG035738.D

Acq: 19 Jul 2018 4:58

Instrument :

BNA_G

ClientSampleId :

PB111232TB

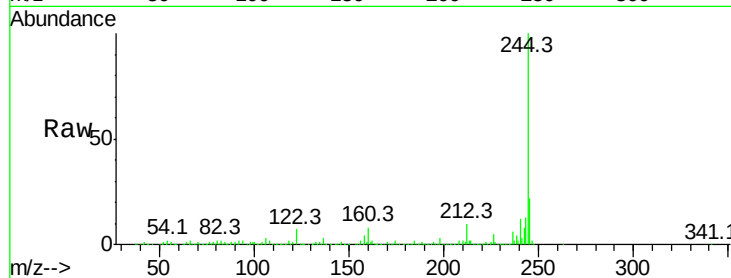
Tot Ion:244 Resp: 1589296

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

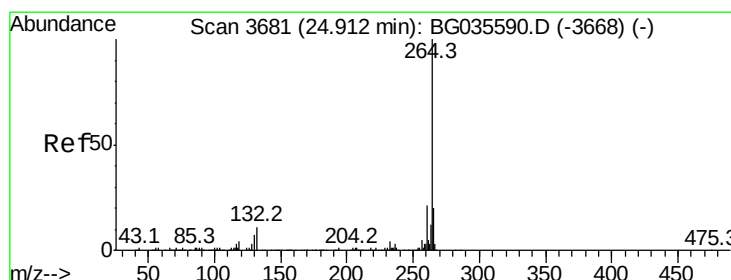
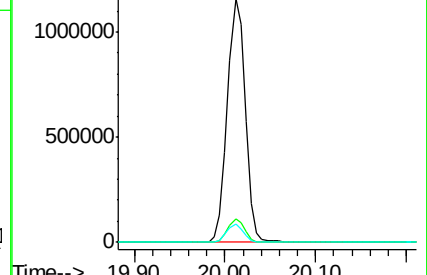
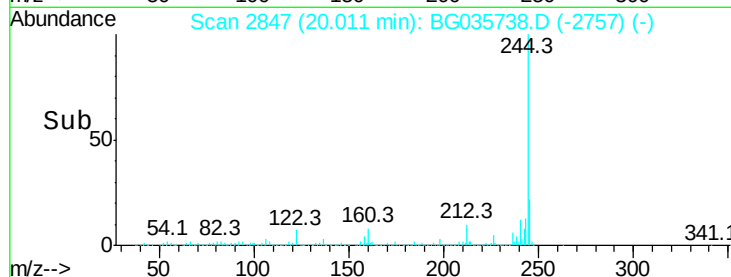
122 7.4 7.0 10.4



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: 24.88 min Scan# 3676

Delta R.T. -0.00 min

Lab File: BG035738.D

Acq: 19 Jul 2018 4:58

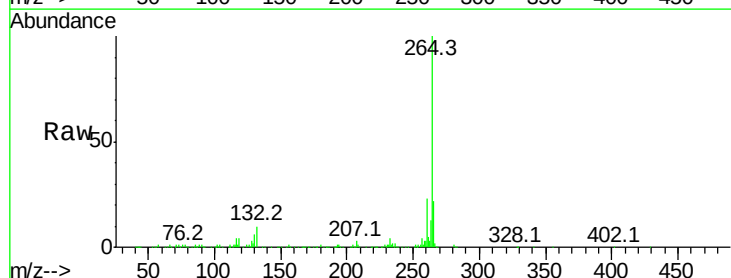
Tgt Ion:264 Resp: 386801

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.5 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

