

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035744.D
 Acq On : 19 Jul 2018 8:51
 Operator : JU/SJ
 Sample : J4016-24
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB5-L-12-7

Quant Time: Jul 19 11:56:51 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	46308	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	162524	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	115473	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	325523	20.00	ng	0.00
75) Chrysene-d12	21.67	240	362405	20.00	ng	0.00
86) Perylene-d12	24.88	264	337942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	367949	131.92	ng	0.00
7) Phenol-d6	7.21	99	463648	111.41	ng	0.00
23) Nitrobenzene-d5	9.20	82	378955	97.41	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	232250	152.59	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	858476	99.60	ng	0.00
78) Terphenyl-d14	20.01	244	1662709	101.13	ng	0.00

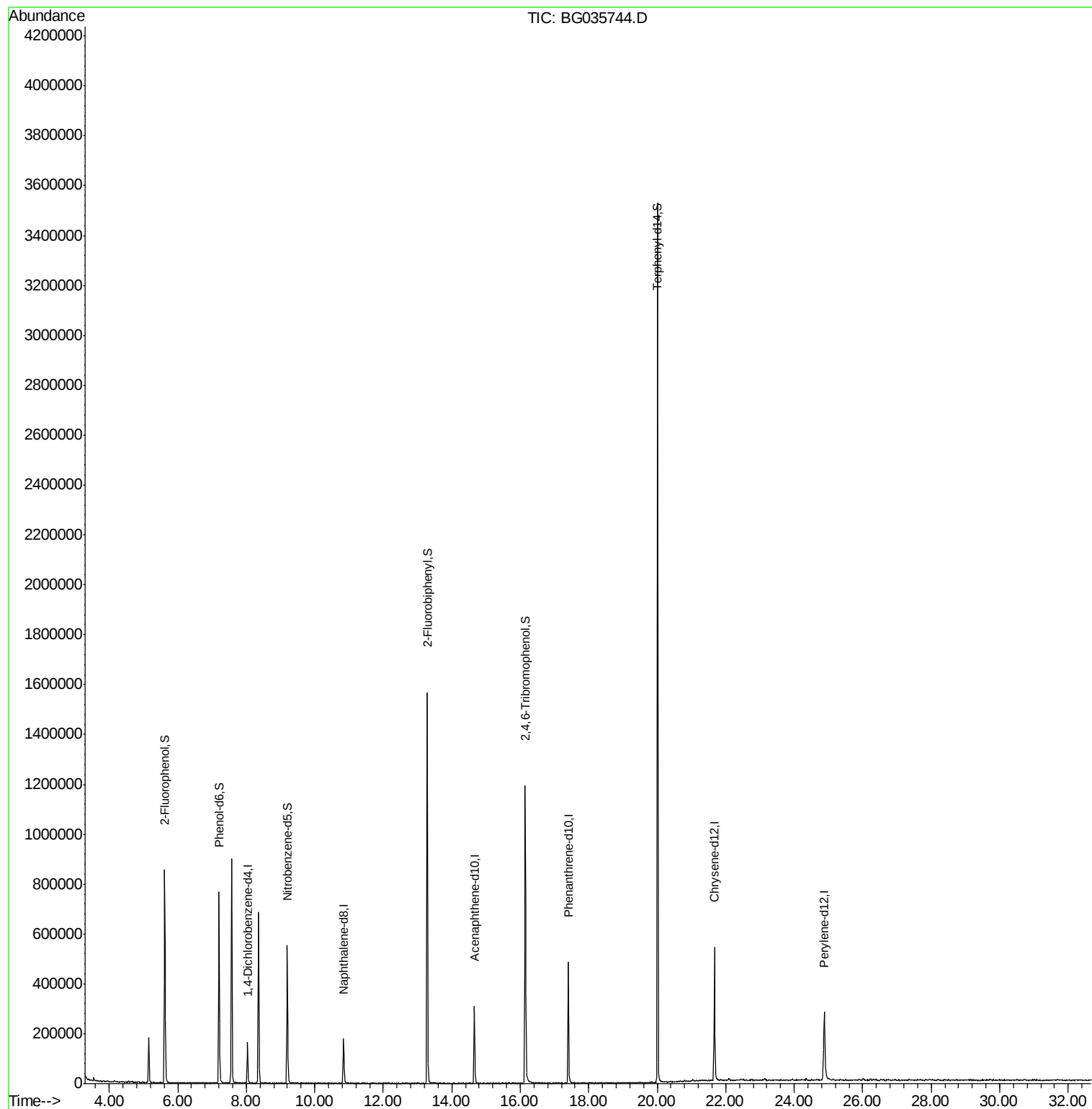
Target Compounds Qvalue

(#) = 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: BG035744.D

Acq: 19 Jul 2018 8:51

Instrument :

BNA_G

ClientSampleId :

SB5-L-12-7

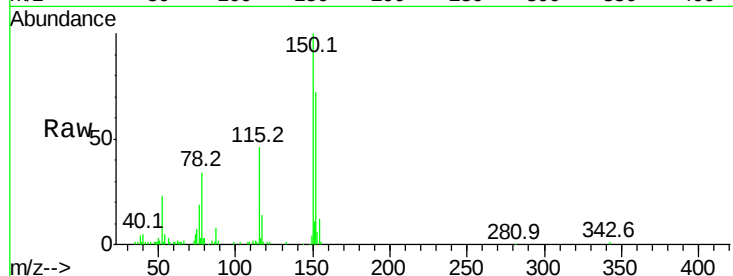
Tot Ion:152 Resp: 46308

Ion Ratio Lower Upper

152 100

150 139.3 126.6 189.8

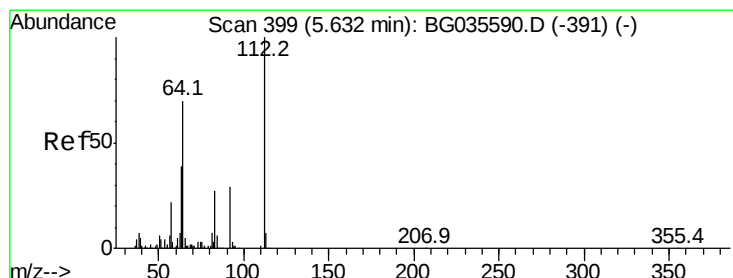
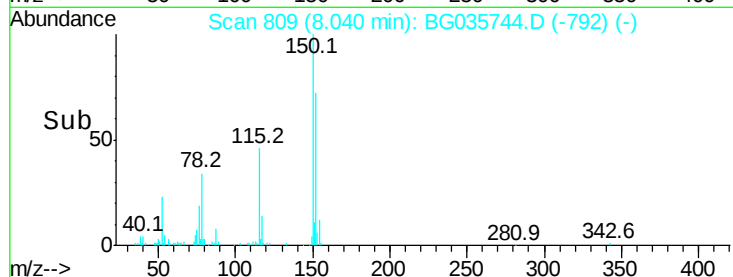
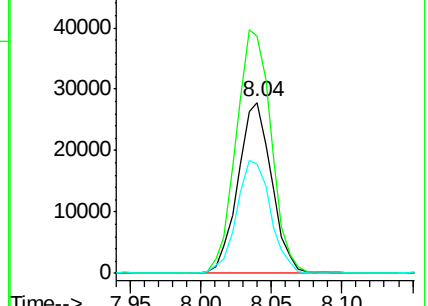
115 63.9 53.0 79.4



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: 131.917 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG035744.D

Acq: 19 Jul 2018 8:51

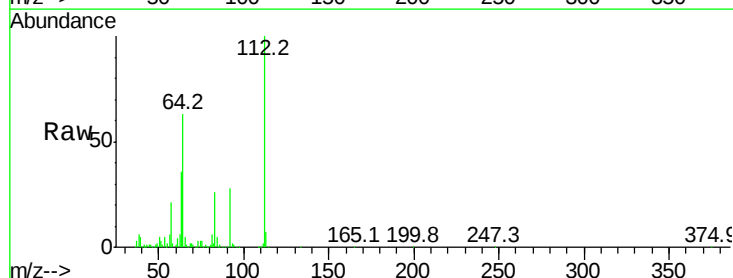
Tgt Ion:112 Resp: 367949

Ion Ratio Lower Upper

112 100

64 63.5 56.3 84.5

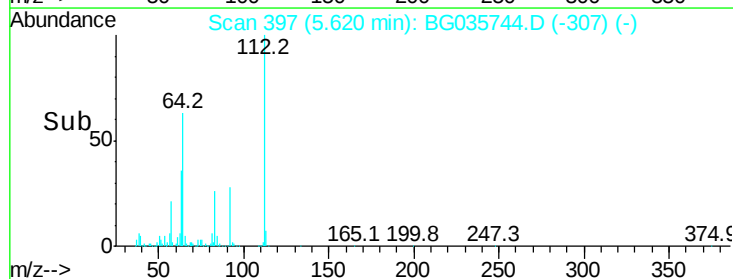
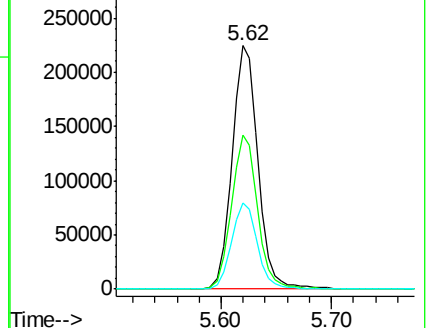
63 35.5 30.1 45.1

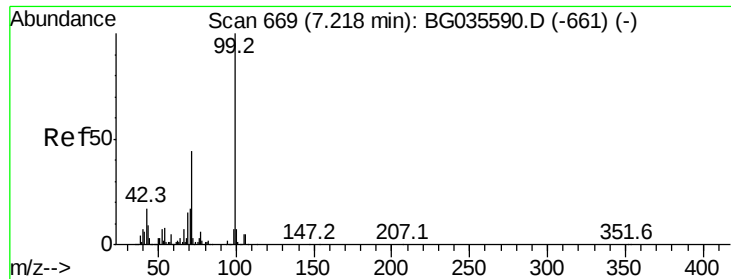


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 111.413 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG035744.D

Acq: 19 Jul 2018 8:51

Instrument :

BNA_G

ClientSampleId :

SB5-L-12-7

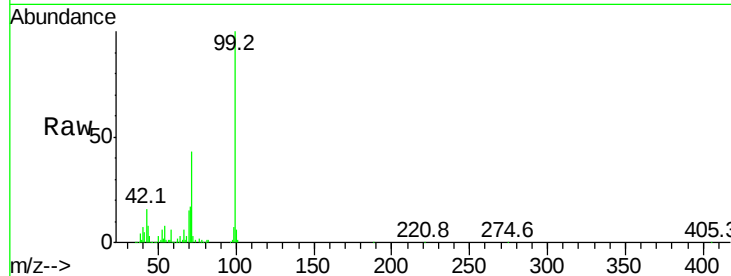
Tot Ion: 99 Resp: 463648

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

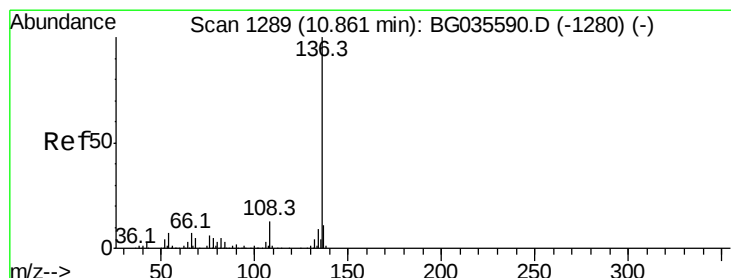
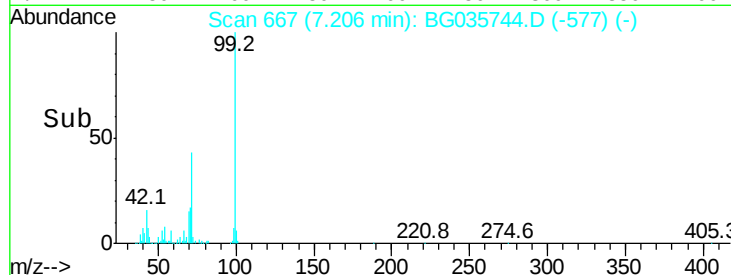
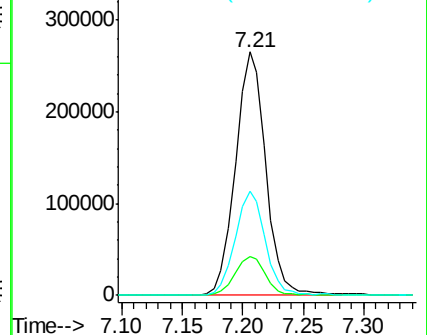
71 42.8 26.1 39.1#



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: 10.84 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG035744.D

Acq: 19 Jul 2018 8:51

Tgt Ion:136 Resp: 162524

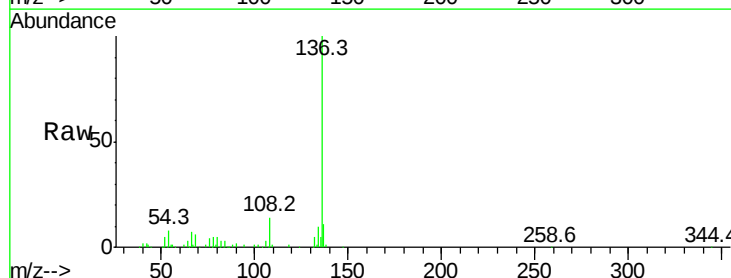
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.8 10.3 15.5#

68 5.8 4.5 6.7

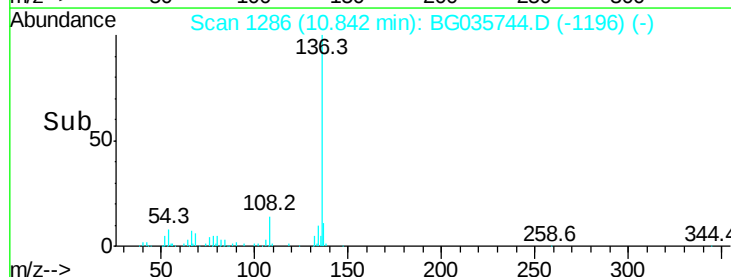
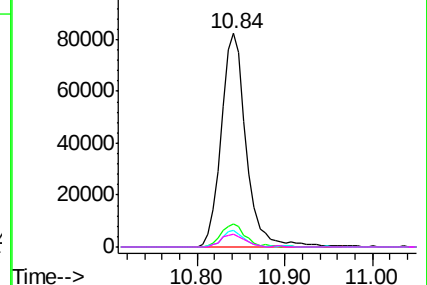


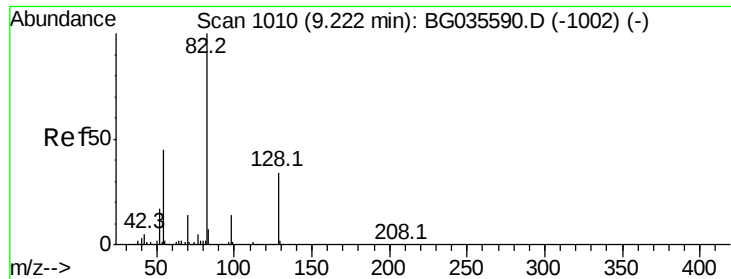
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

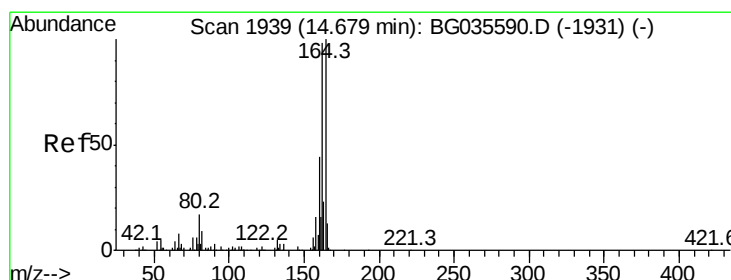
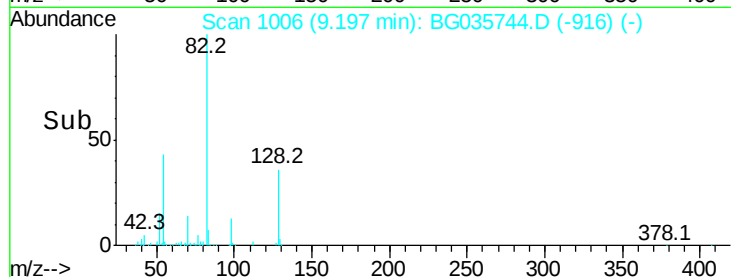
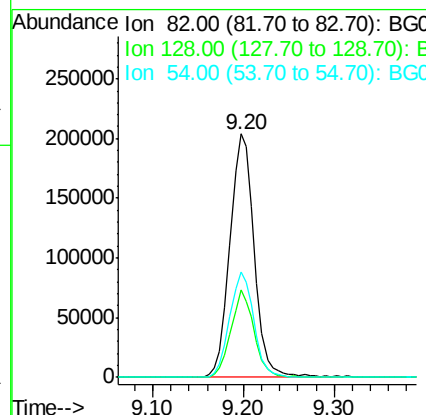
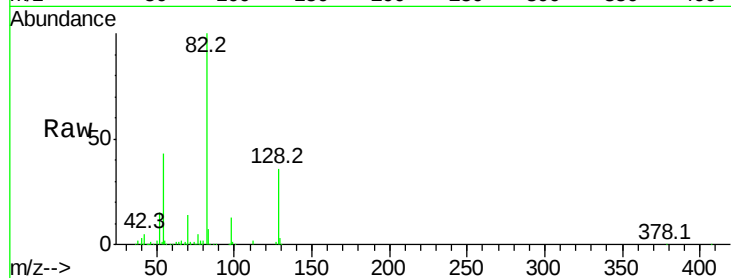




#23
 Nitrobenzene-d5
 Concen: 97.406 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BG035744.D
 Acq: 19 Jul 2018 8:51

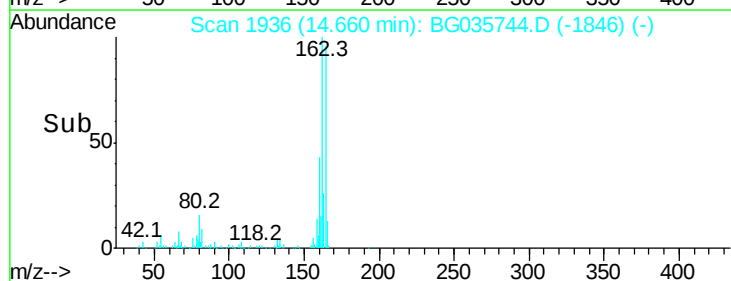
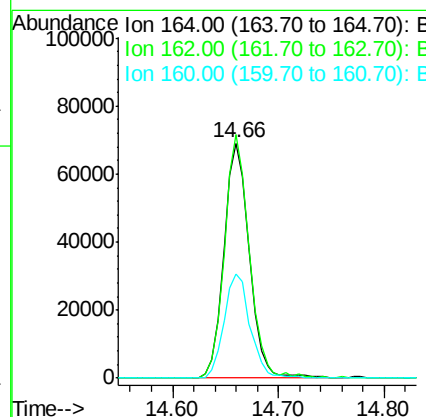
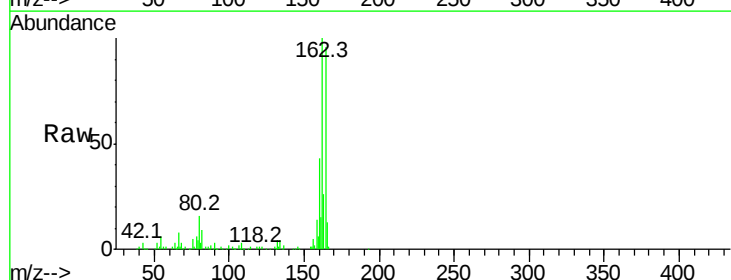
Instrument :
 BNA_G
 ClientSampleId :
 SB5-L-12-7

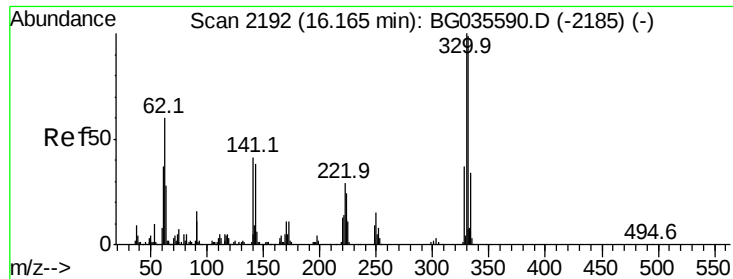
Tot Ion	82	Resp	378955
Ion Ratio	100	Lower	Upper
128	35.8	29.7	44.5
54	43.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BG035744.D
 Acq: 19 Jul 2018 8:51

Tgt Ion	164	Resp	115473
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.6	78.8	118.2
160	44.5	35.4	53.0

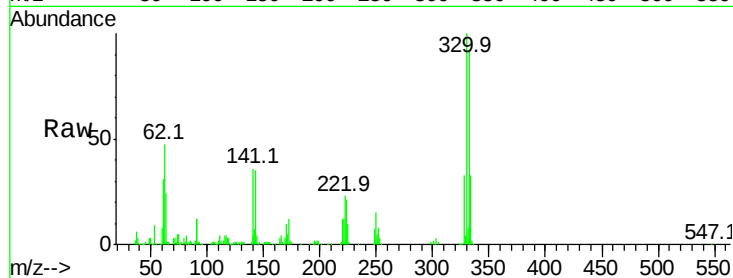




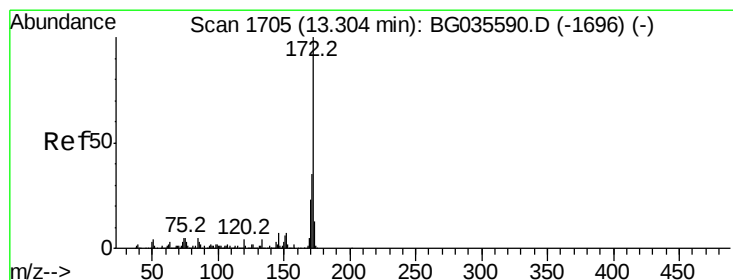
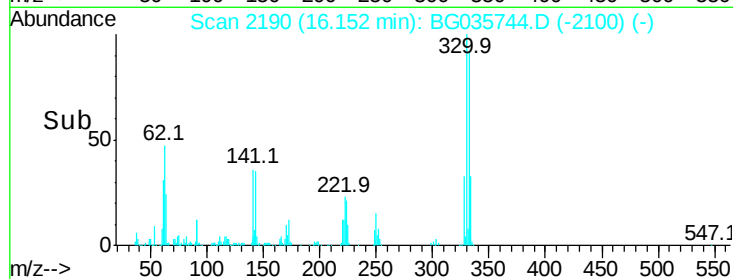
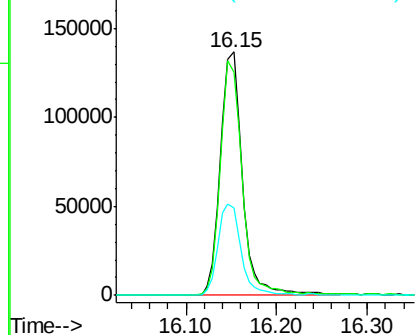
#41
 2,4,6-Tribromophenol
 Concen: 152.594 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG035744.D
 Acq: 19 Jul 2018 8:51

Instrument :
 BNA_G
 ClientSampleId :
 SB5-L-12-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	39.0	25.2	37.8#

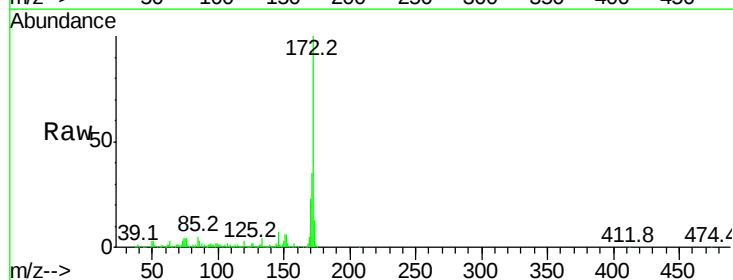


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

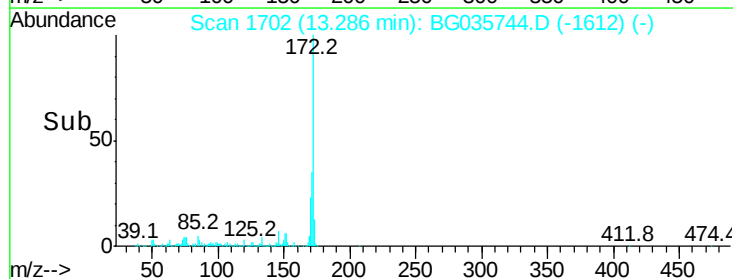
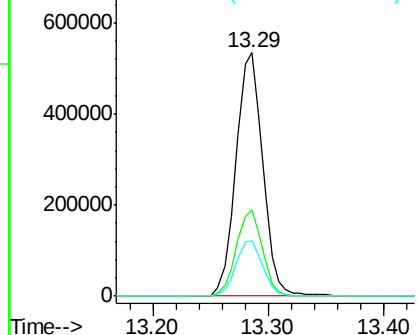


#44
 2-Fluorobiphenyl
 Concen: 99.602 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG035744.D
 Acq: 19 Jul 2018 8:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	22.9	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: BG035744.D

Acq: 19 Jul 2018 8:51

Instrument :

BNA_G

ClientSampled :

SB5-L-12-7

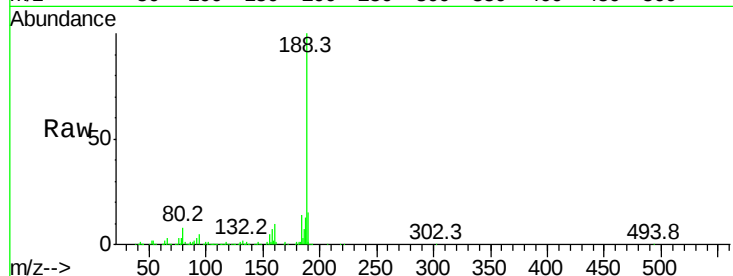
Tot Ion:188 Resp: 325523

Ion Ratio Lower Upper

188 100

94 4.8 6.9 10.3#

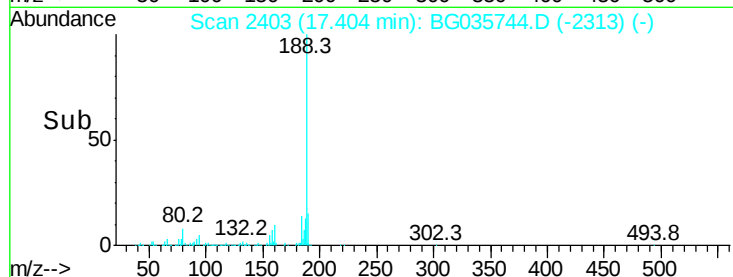
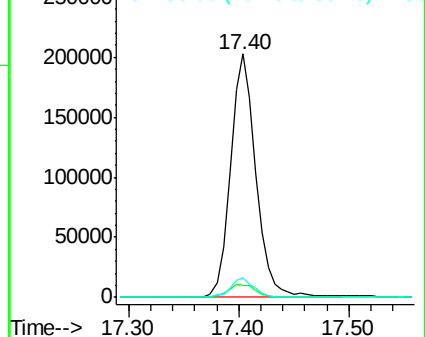
80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG035744.D

Acq: 19 Jul 2018 8:51

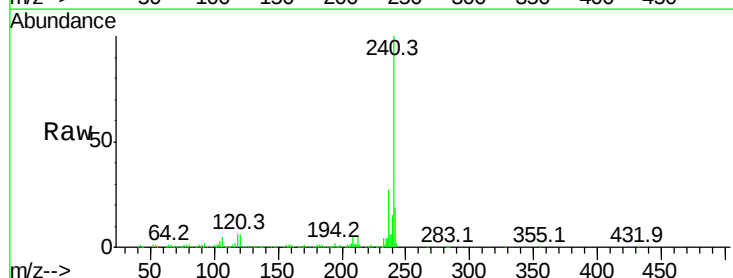
Tgt Ion:240 Resp: 362405

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

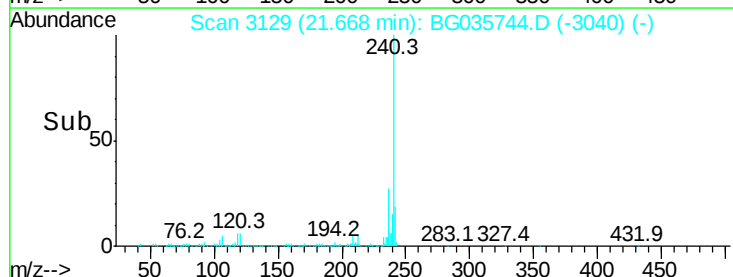
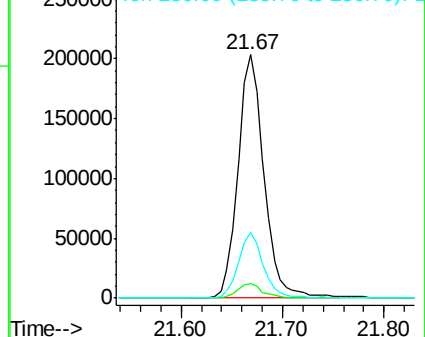
236 27.2 20.9 31.3



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: 101.133 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG035744.D

Acq: 19 Jul 2018 8:51

Instrument :

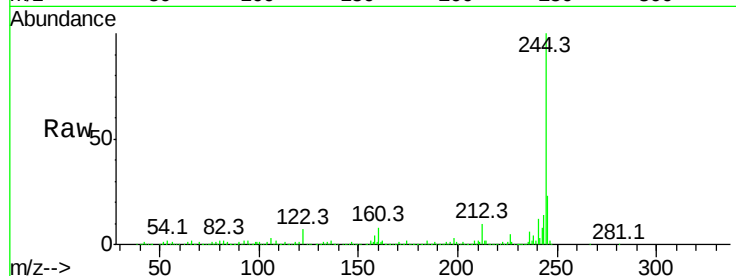
BNA_G

ClientSampleId :

SB5-L-12-7

Tot Ion:244 Resp: 1662709

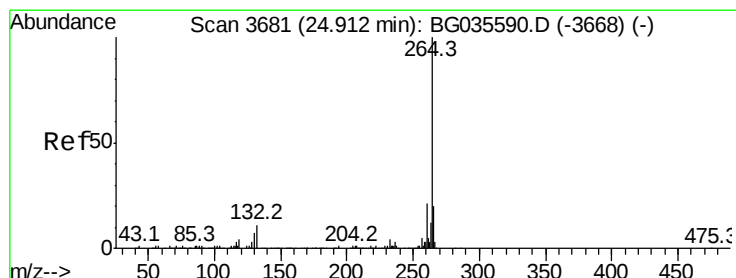
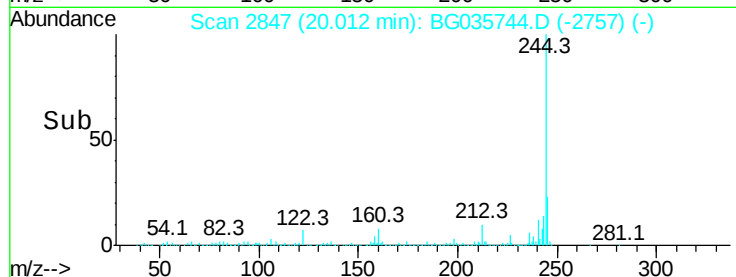
Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.2	7.0	10.4



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: 24.88 min Scan# 3675

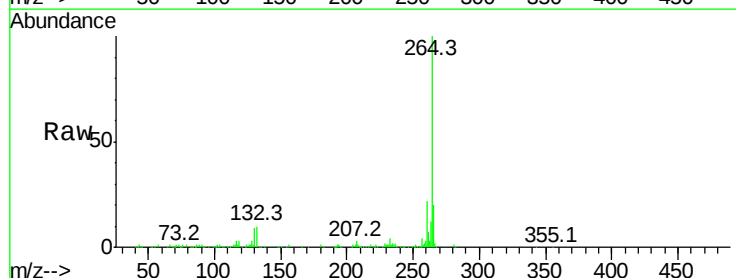
Delta R.T. -0.01 min

Lab File: BG035744.D

Acq: 19 Jul 2018 8:51

Tgt Ion:264 Resp: 337942

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	20.4	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

