

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035727.D
 Acq On : 18 Jul 2018 21:30
 Operator : JU/SJ
 Sample : J4013-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-I-D

Quant Time: Jul 19 02:24:03 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	47458	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	170629	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	115935	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	323457	20.00	ng	0.00
75) Chrysene-d12	21.67	240	369551	20.00	ng	0.00
86) Perylene-d12	24.88	264	351145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	384508	134.51	ng	0.00
7) Phenol-d6	7.21	99	488764	114.60	ng	0.00
23) Nitrobenzene-d5	9.20	82	388730	95.17	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	230427	150.79	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	823784	95.20	ng	0.00
78) Terphenyl-d14	20.01	244	1654807	98.71	ng	0.00

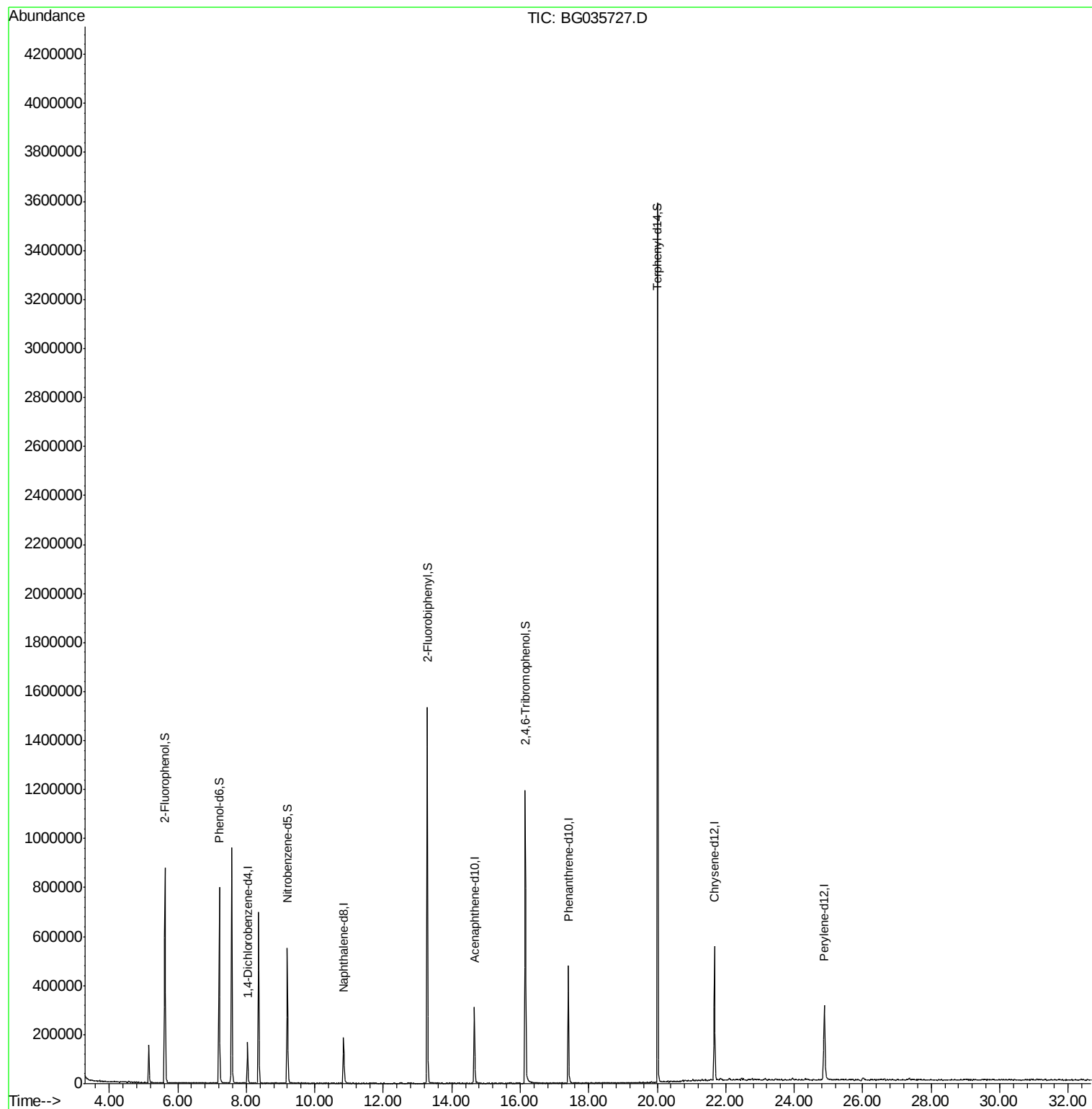
Target Compounds Qvalue

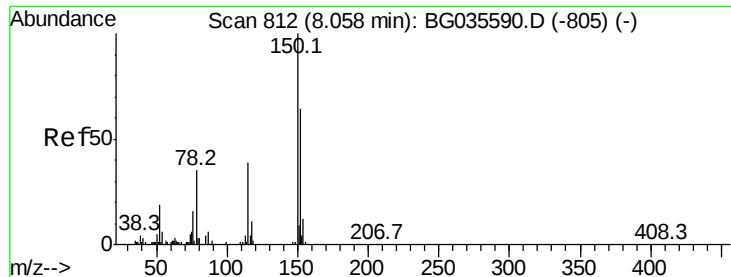
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG035727.D

Acq: 18 Jul 2018 21:30

Instrument :

BNA_G

ClientSampleId :

TP-I-D

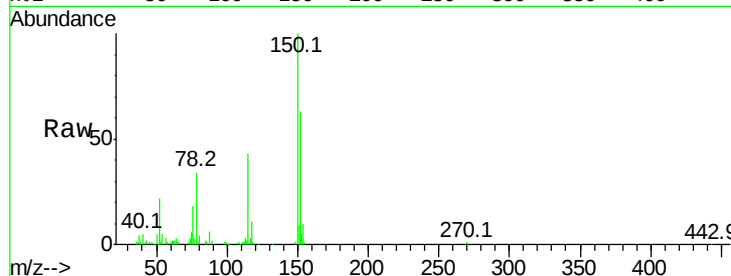
Tot Ion:152 Resp: 47458

Ion Ratio Lower Upper

152 100

150 158.5 126.6 189.8

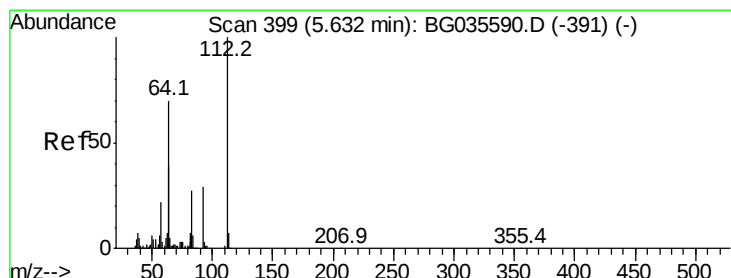
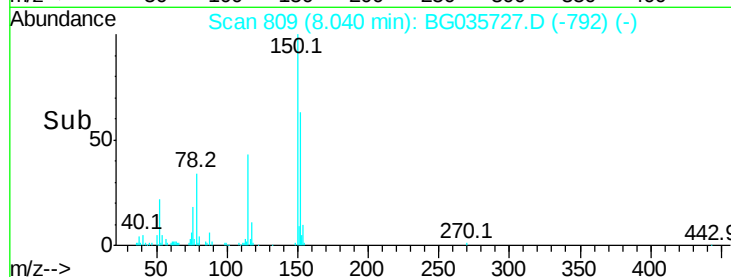
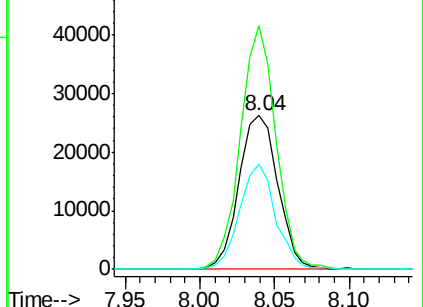
115 68.9 53.0 79.4



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: 134.513 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG035727.D

Acq: 18 Jul 2018 21:30

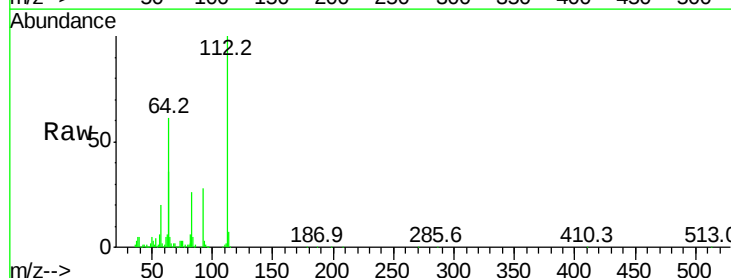
Tgt Ion:112 Resp: 384508

Ion Ratio Lower Upper

112 100

64 60.8 56.3 84.5

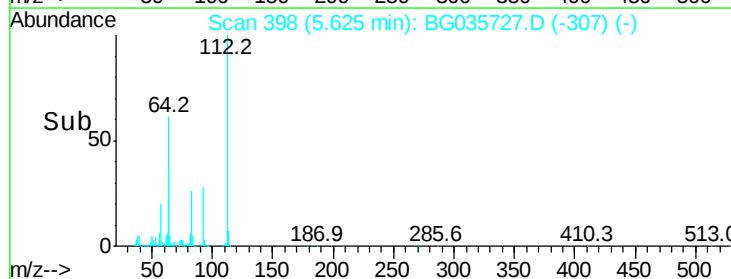
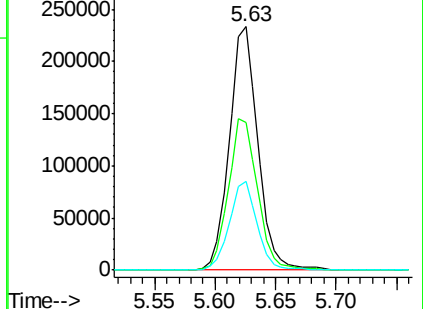
63 36.4 30.1 45.1

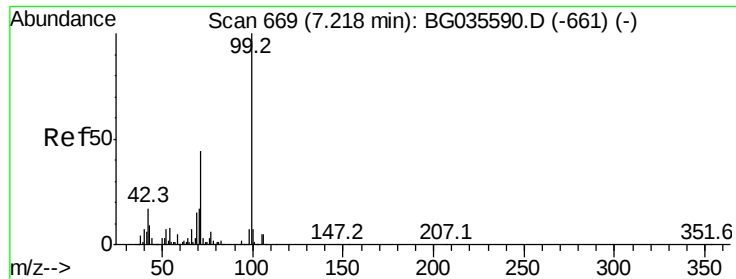


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.602 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG035727.D

Acq: 18 Jul 2018 21:30

Instrument :

BNA_G

ClientSampleId :

TP-I-D

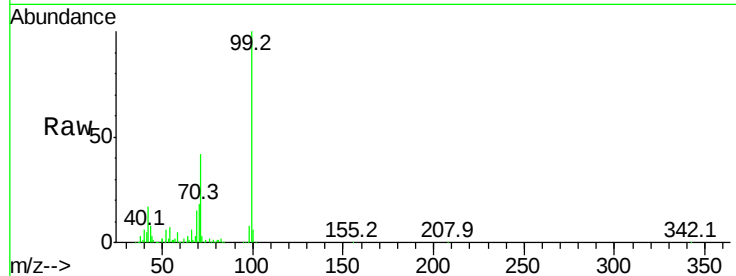
Tot Ion: 99 Resp: 488764

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

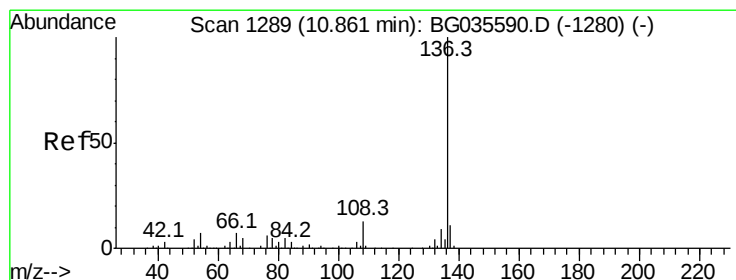
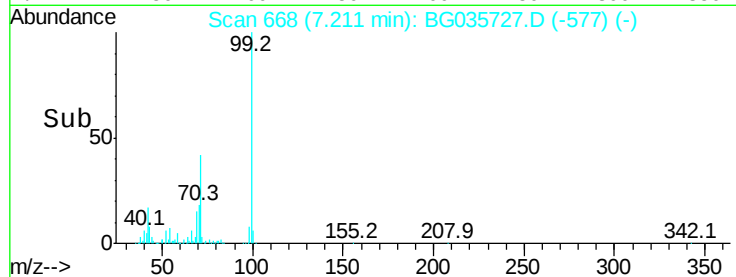
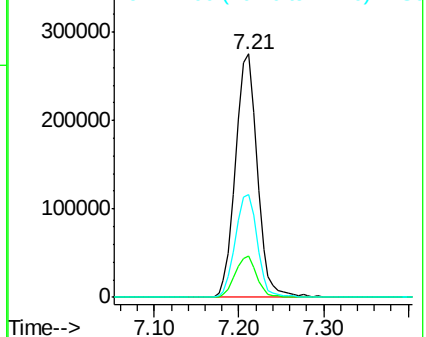
71 42.0 26.1 39.1#



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: BG035727.D

Acq: 18 Jul 2018 21:30

Tgt Ion: 136 Resp: 170629

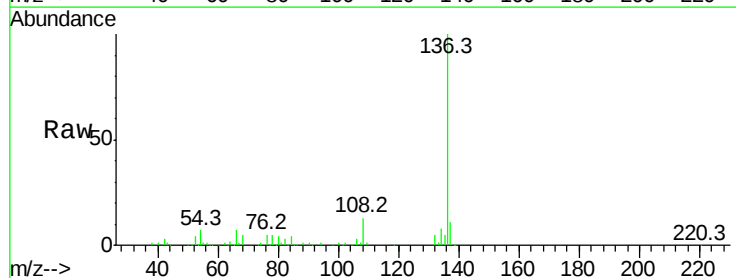
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.3 10.3 15.5#

68 5.2 4.5 6.7

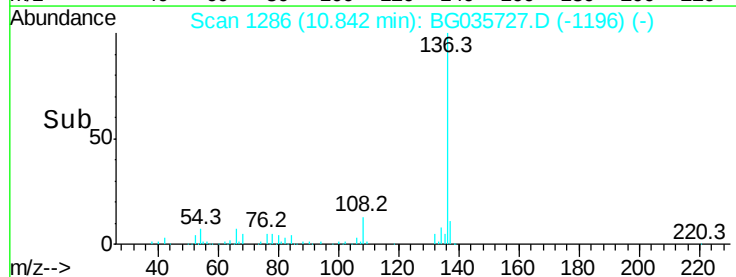
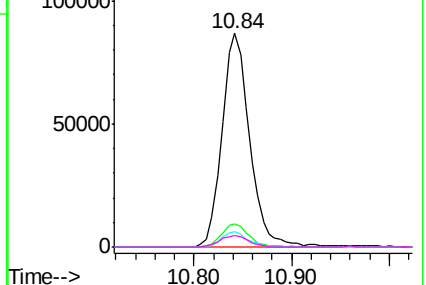


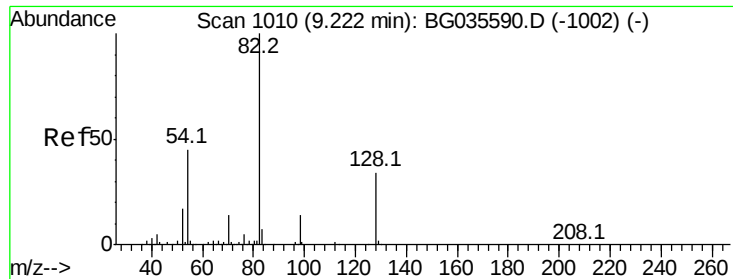
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 95.172 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG035727.D

Acq: 18 Jul 2018 21:30

Instrument :

BNA_G

ClientSampleId :

TP-I-D

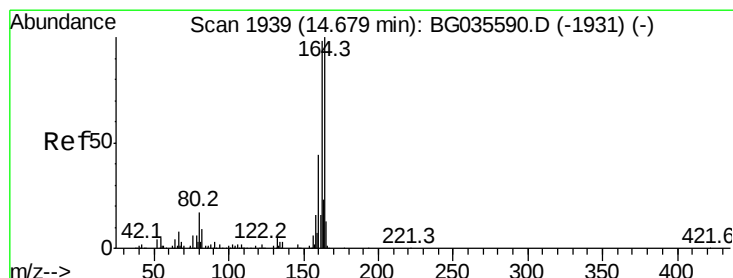
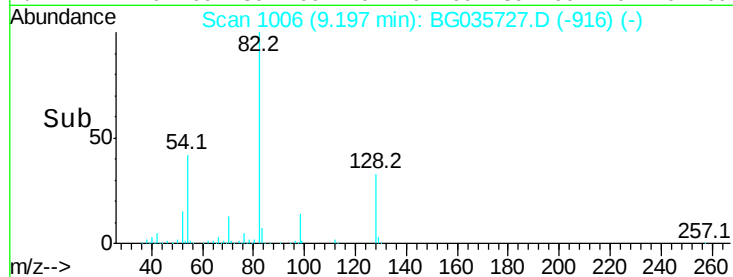
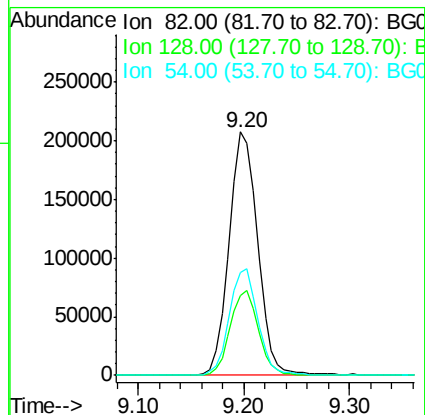
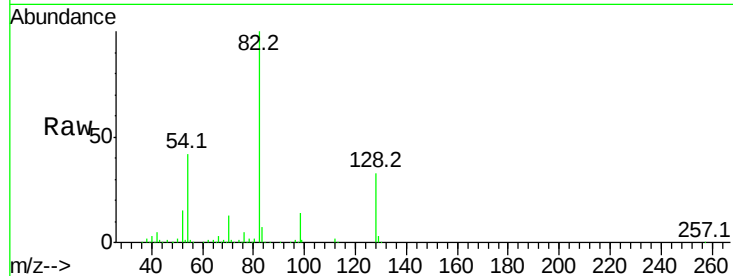
Tot Ion: 82 Resp: 388730

Ion Ratio Lower Upper

82 100

128 33.0 29.7 44.5

54 42.1 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: BG035727.D

Acq: 18 Jul 2018 21:30

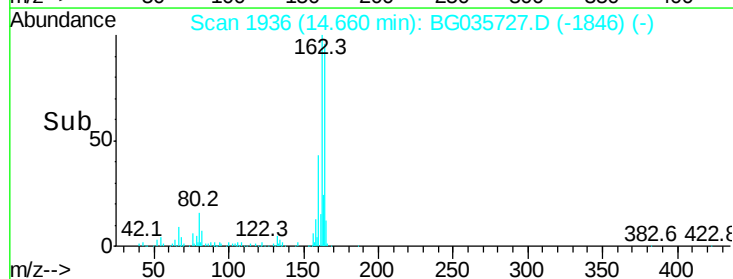
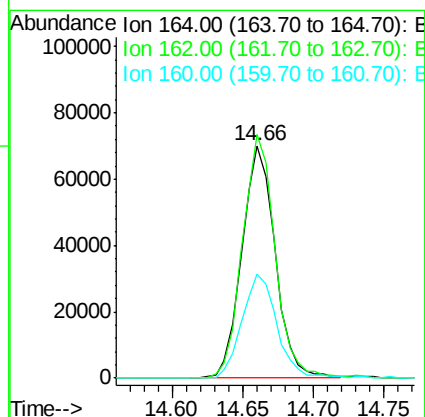
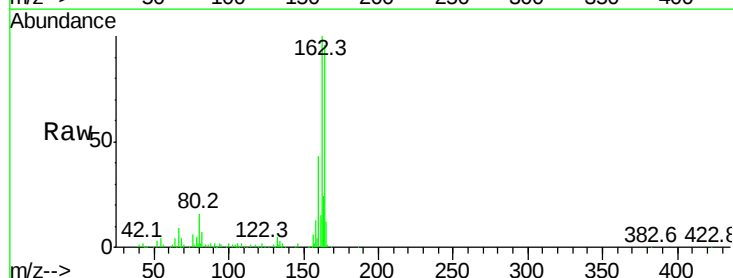
Tgt Ion: 164 Resp: 115935

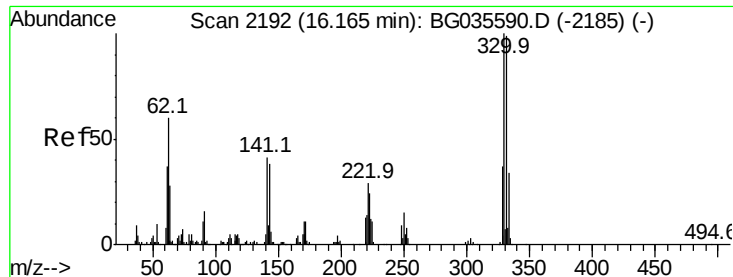
Ion Ratio Lower Upper

164 100

162 104.7 78.8 118.2

160 44.6 35.4 53.0

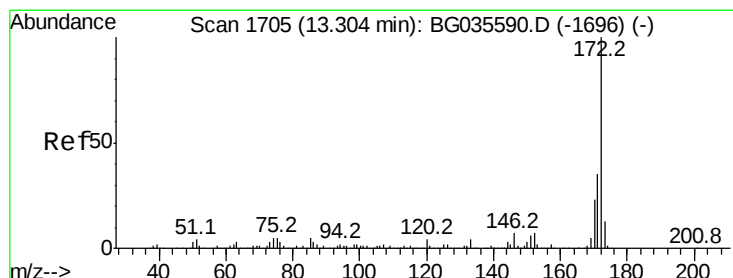
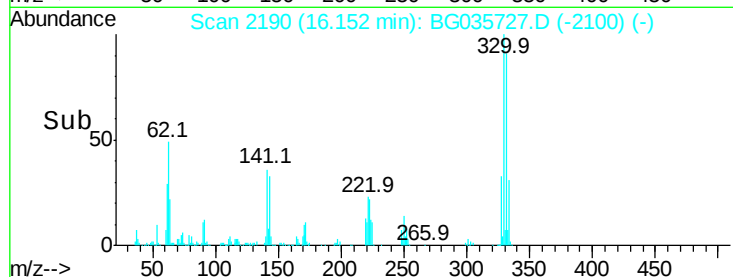
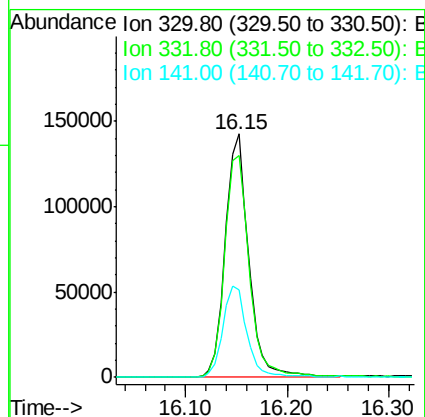
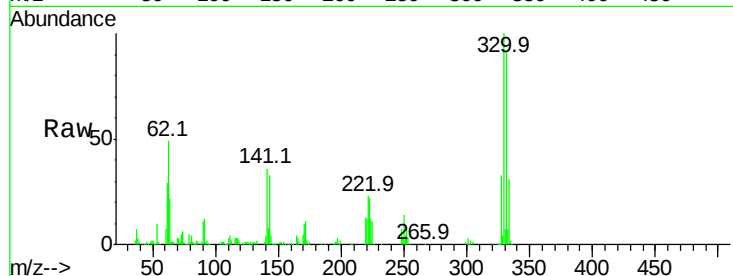




#41
 2,4,6-Tribromophenol
 Concen: 150.793 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG035727.D
 Acq: 18 Jul 2018 21:30

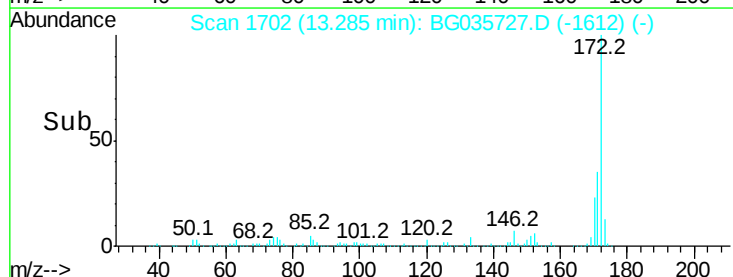
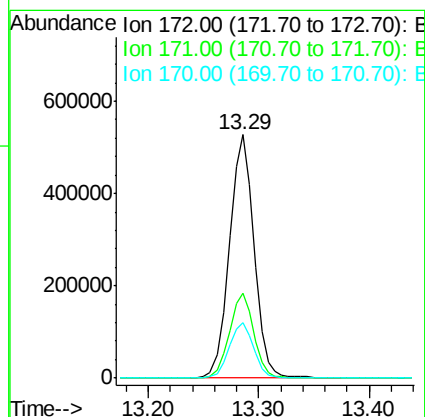
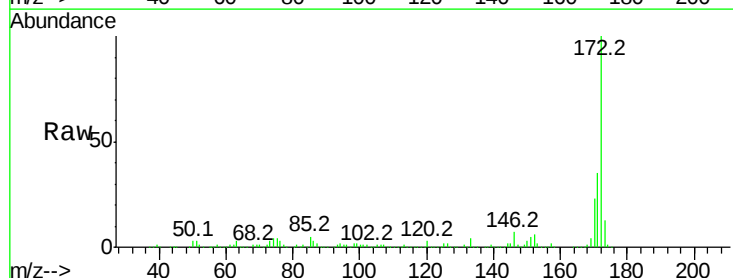
Instrument :
 BNA_G
 ClientSampleId :
 TP-I-D

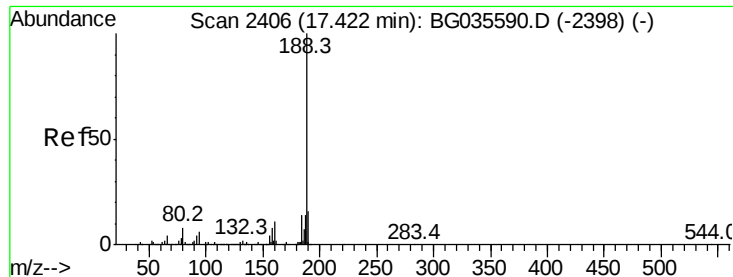
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	38.8	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 95.196 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG035727.D
 Acq: 18 Jul 2018 21:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	23.0	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BG035727.D

Acq: 18 Jul 2018 21:30

Instrument :

BNA_G

ClientSampleId :

TP-I-D

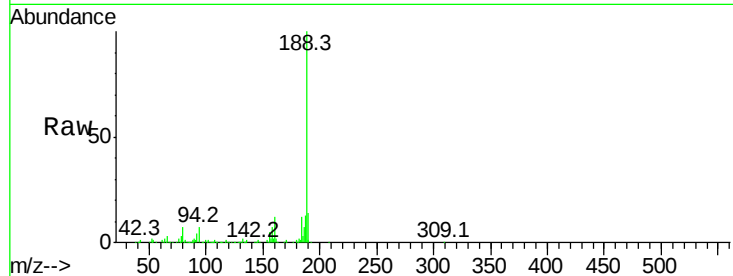
Tot Ion:188 Resp: 323457

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

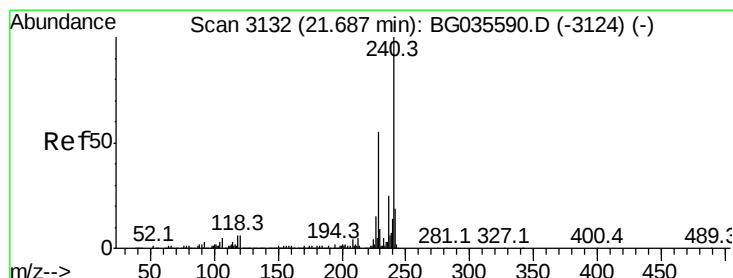
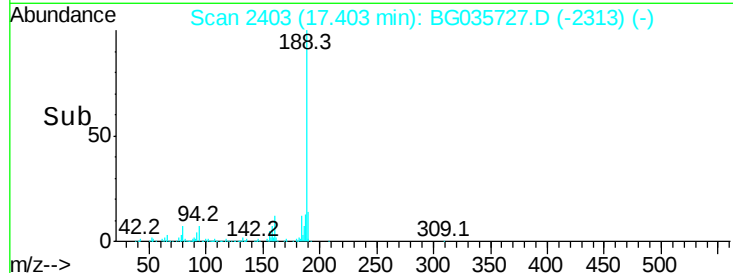
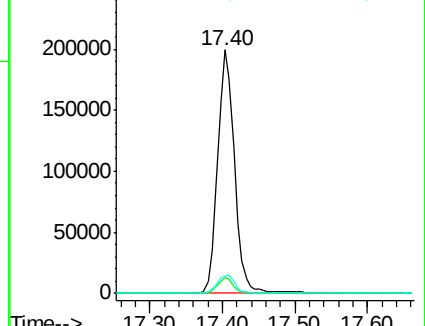
80 7.0 7.7 11.5#



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# 3129

Delta R.T. -0.01 min

Lab File: BG035727.D

Acq: 18 Jul 2018 21:30

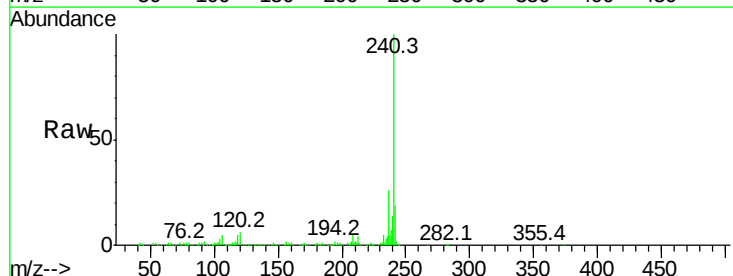
Tgt Ion:240 Resp: 369551

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

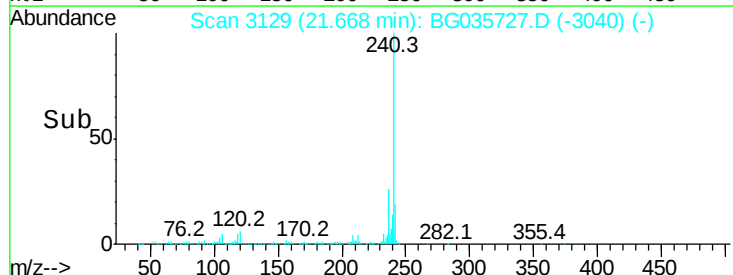
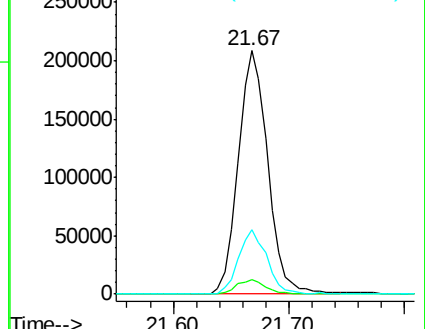
236 26.3 20.9 31.3

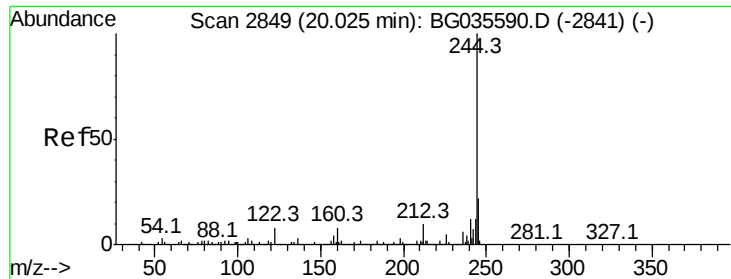


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

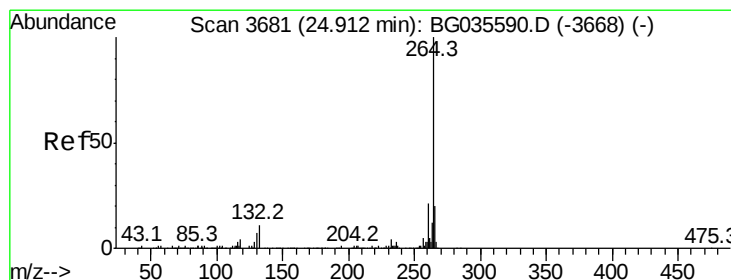
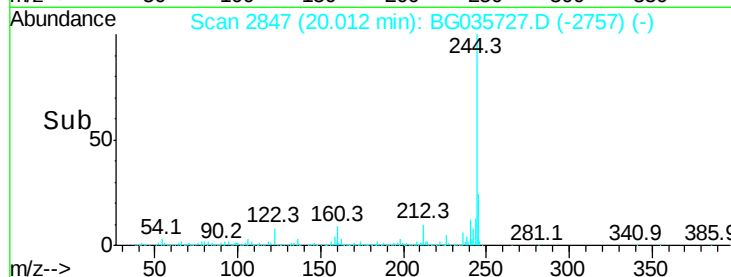
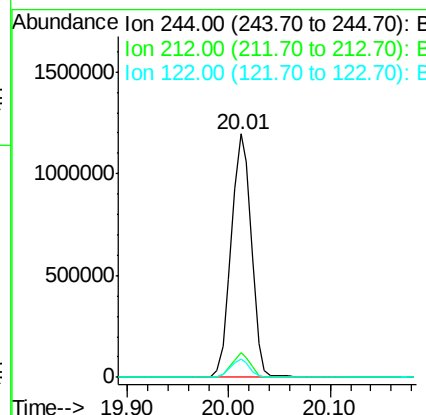
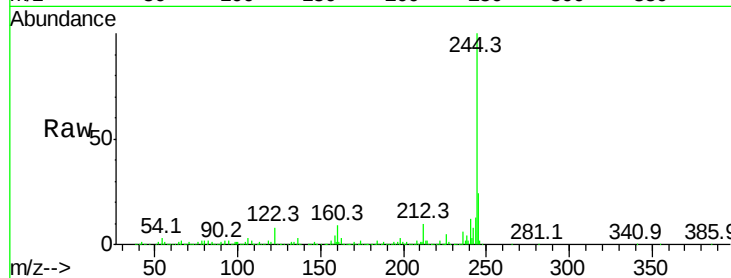




#78
 Terphenyl-d14
 Concen: 98.706 ng
 RT: 20.01 min Scan# 2847
 Delta R.T. -0.00 min
 Lab File: BG035727.D
 Acq: 18 Jul 2018 21:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-I-D

Tot Ion:244 Resp: 1654807
 Ion Ratio Lower Upper
 244 100
 212 10.2 5.8 8.8#
 122 7.5 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3676
 Delta R.T. -0.00 min
 Lab File: BG035727.D
 Acq: 18 Jul 2018 21:30

Tgt Ion:264 Resp: 351145
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.4 26.0
 265 23.4 17.7 26.5

