

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035739.D
 Acq On : 19 Jul 2018 5:37
 Operator : JU/SJ
 Sample : J4016-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB3-L-12-7

Quant Time: Jul 19 07:20:37 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

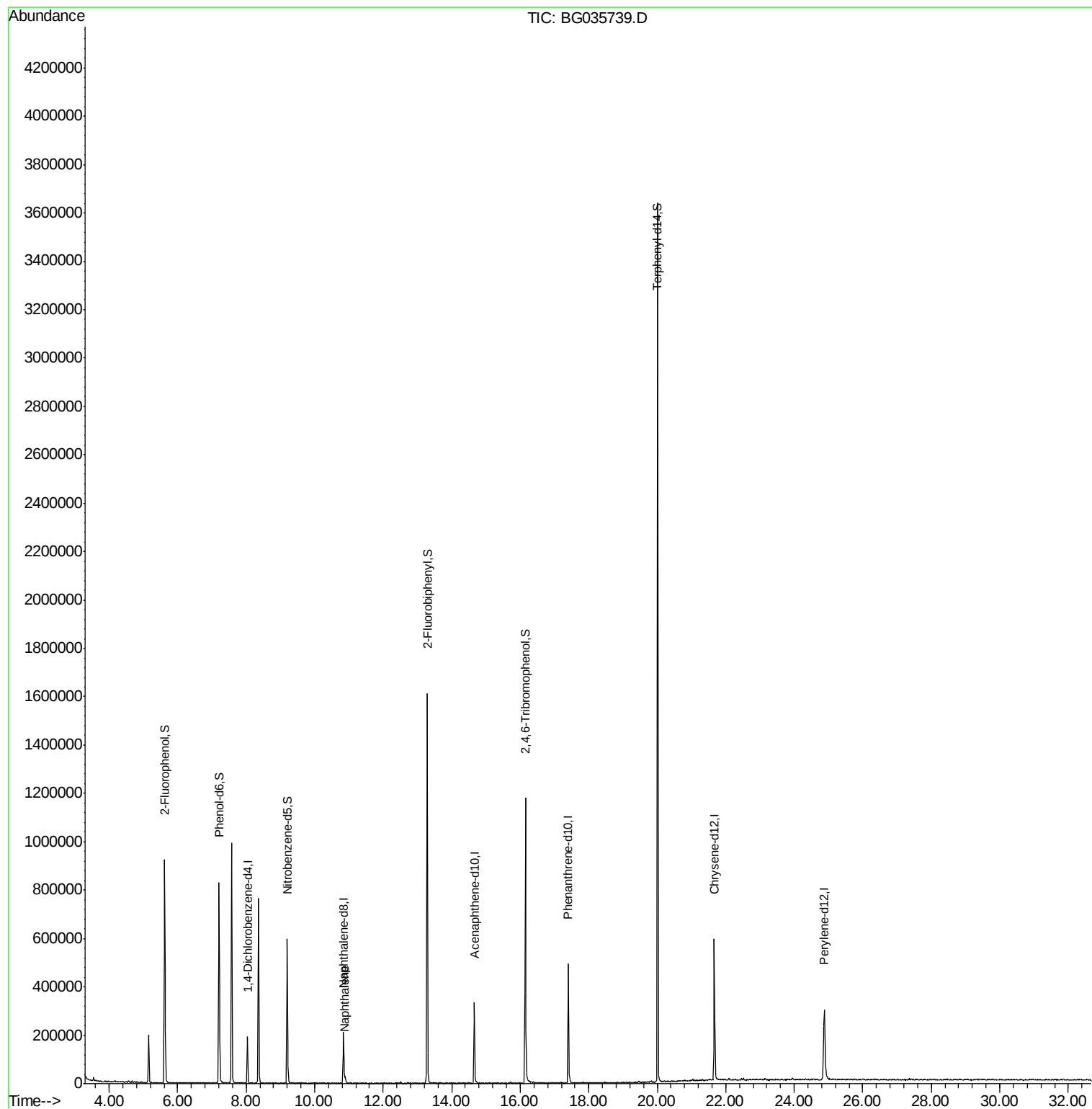
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53007	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	185053	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	121744	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	339760	20.00	ng	0.00
75) Chrysene-d12	21.67	240	405748	20.00	ng	0.00
86) Perylene-d12	24.88	264	364933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	403354	126.33	ng	0.00
7) Phenol-d6	7.21	99	502616	105.51	ng	0.00
23) Nitrobenzene-d5	9.20	82	409131	92.36	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	225419	140.48	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	879823	96.82	ng	0.00
78) Terphenyl-d14	20.01	244	1708566	92.82	ng	0.00
Target Compounds						
31) Naphthalene	10.89	128	21940	2.276	ng	Qvalue # 89

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

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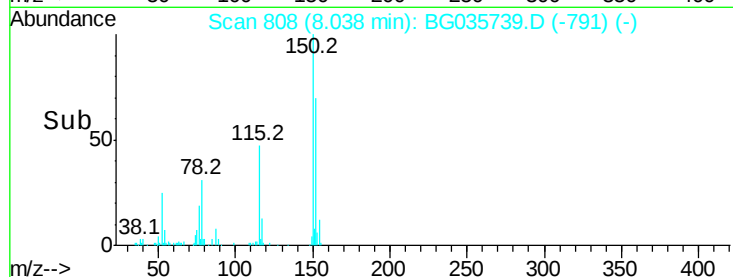
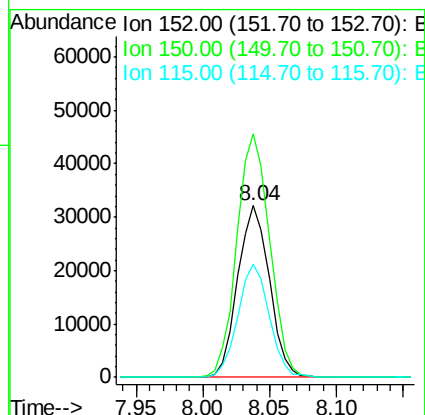
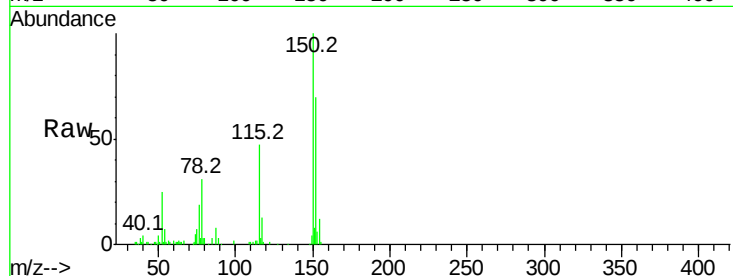


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG035739.D
Acq: 19 Jul 2018 5:37

Instrument :
BNA_G
ClientSampleId :
SB3-L-12-7

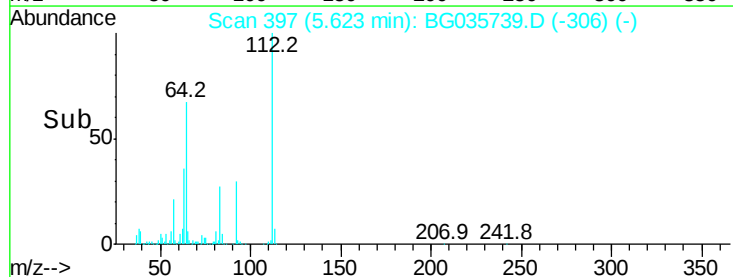
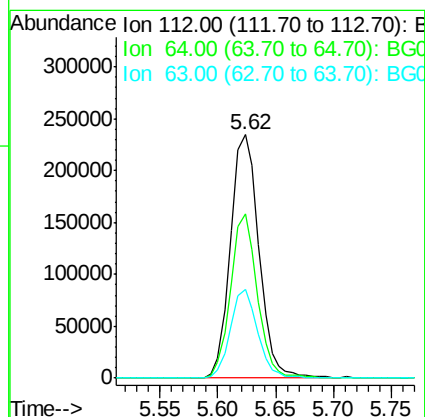
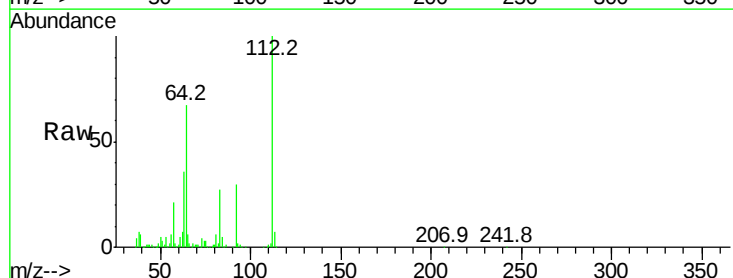
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.9	126.6	189.8
115	66.1	53.0	79.4



#5

2-Fluorophenol
Concen: 126.335 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG035739.D
Acq: 19 Jul 2018 5:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	56.3	84.5
63	36.3	30.1	45.1





#7

Phenol-d6

Concen: 105.513 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG035739.D

Acq: 19 Jul 2018 5:37

Instrument :

BNA_G

ClientSampleId :

SB3-L-12-7

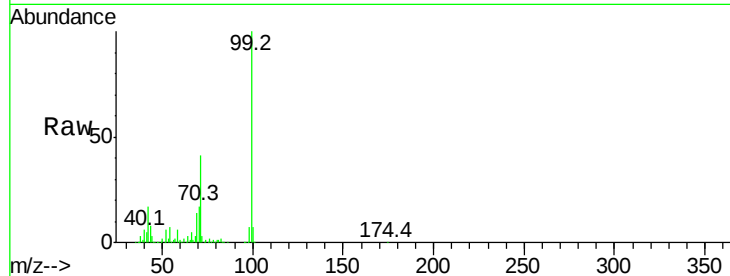
Tot Ion: 99 Resp: 502616

Ion Ratio Lower Upper

99 100

42 17.0 14.1 21.1

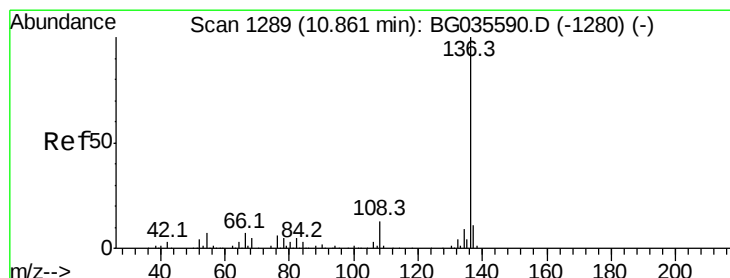
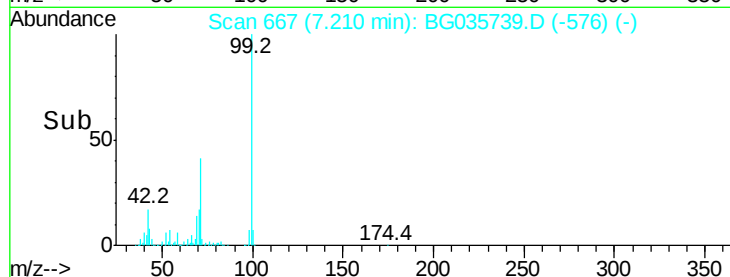
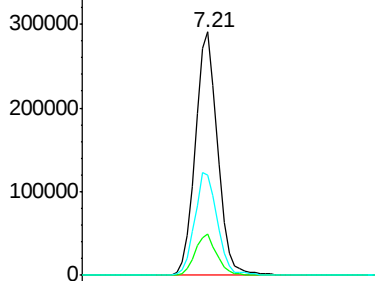
71 41.0 26.1 39.1#



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# 1285

Delta R.T. -0.00 min

Lab File: BG035739.D

Acq: 19 Jul 2018 5:37

Tgt Ion: 136 Resp: 185053

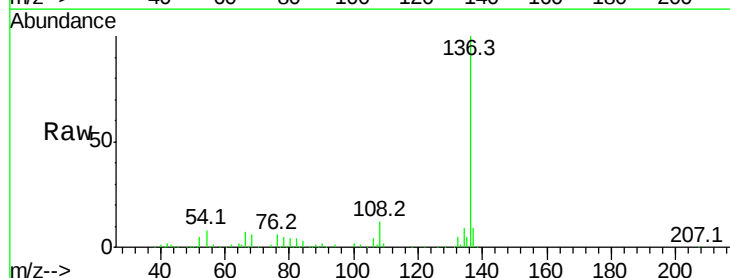
Ion Ratio Lower Upper

136 100

137 9.2 9.2 13.8

54 7.5 10.3 15.5#

68 5.9 4.5 6.7

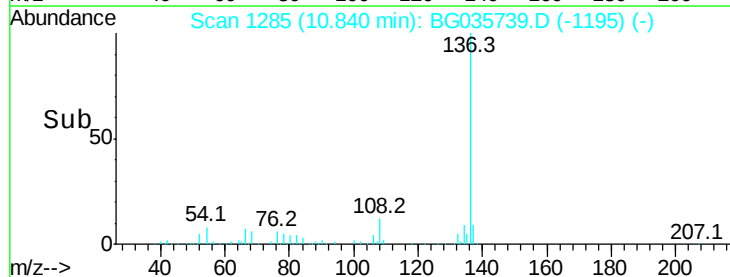
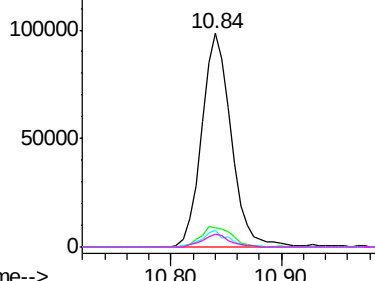


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

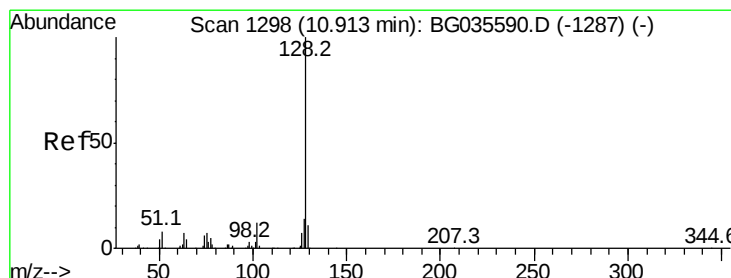
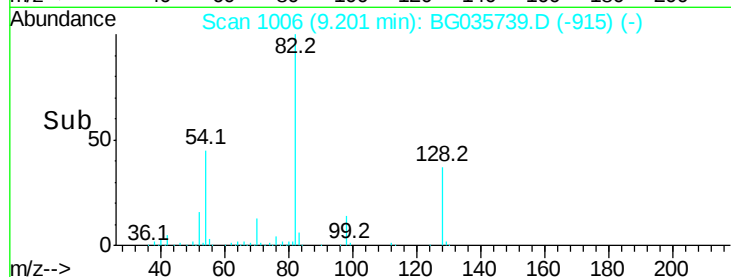
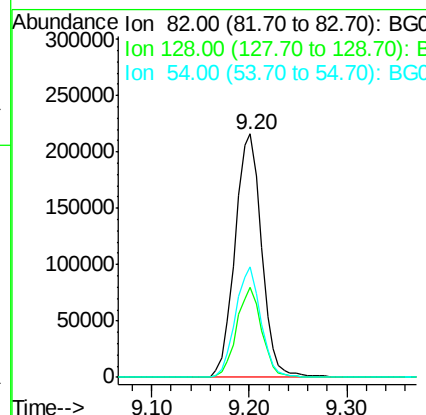
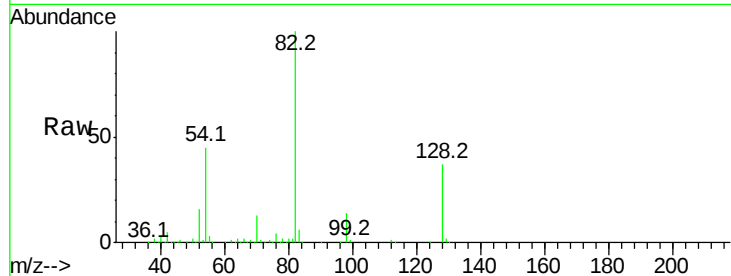




#23
Nitrobenzene-d5
Concen: 92.359 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG035739.D
Acq: 19 Jul 2018 5:37

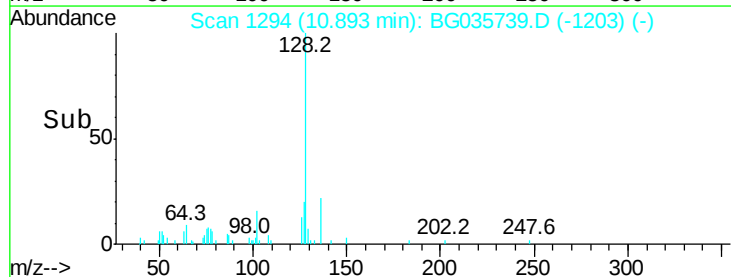
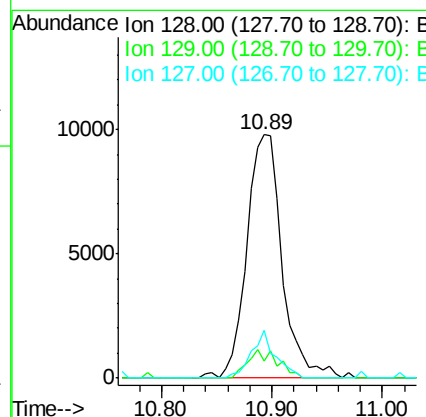
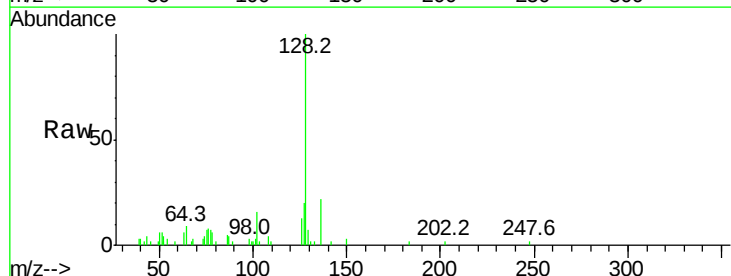
Instrument :
BNA_G
ClientSampleId :
SB3-L-12-7

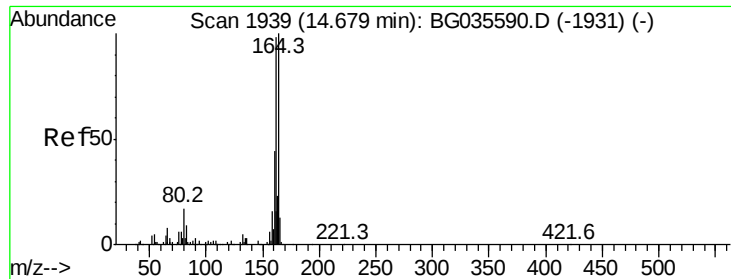
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.7	44.5
54	45.2	43.1	64.7



#31
Naphthalene
Concen: 2.276 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG035739.D
Acq: 19 Jul 2018 5:37

Tgt Ion	Ratio	Lower	Upper
128	100		
129	7.2	8.6	12.8#
127	19.6	11.6	17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG035739.D

Acq: 19 Jul 2018 5:37

Instrument :

BNA_G

ClientSampleId :

SB3-L-12-7

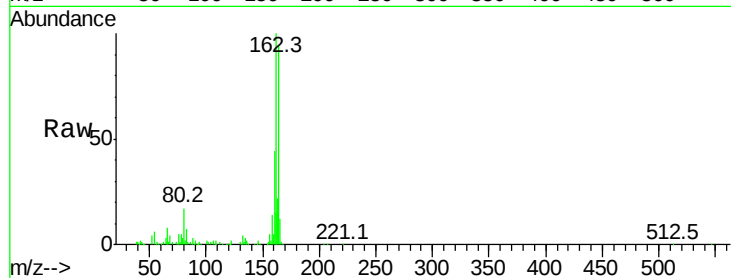
Tot Ion:164 Resp: 121744

Ion Ratio Lower Upper

164 100

162 105.9 78.8 118.2

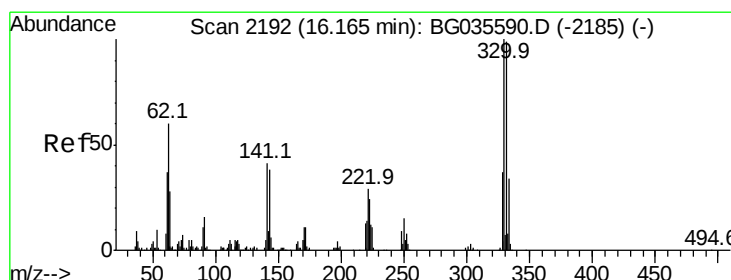
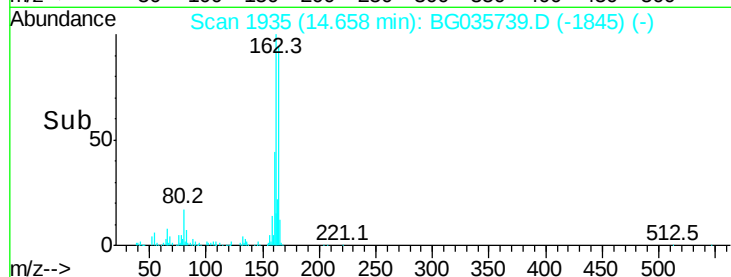
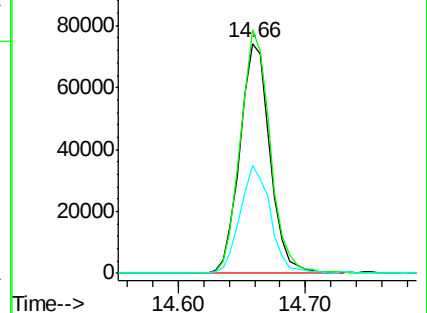
160 46.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 140.477 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG035739.D

Acq: 19 Jul 2018 5:37

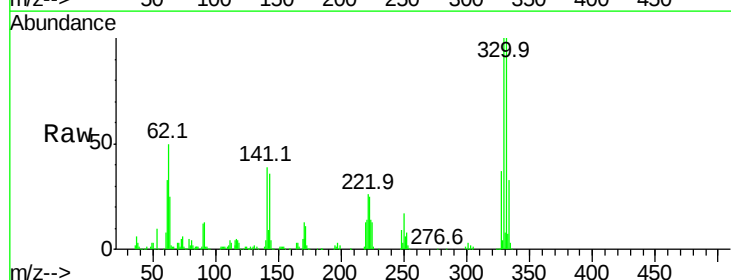
Tgt Ion:330 Resp: 225419

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

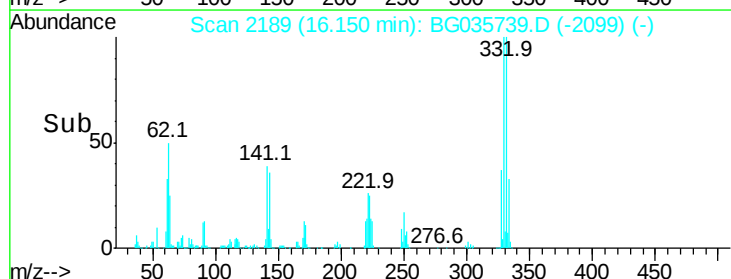
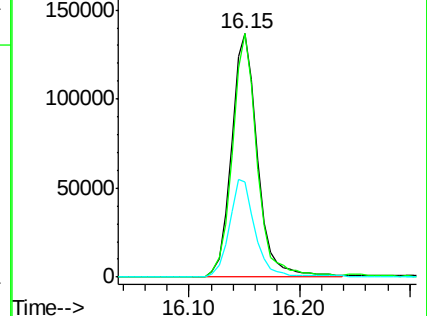
141 39.9 25.2 37.8#

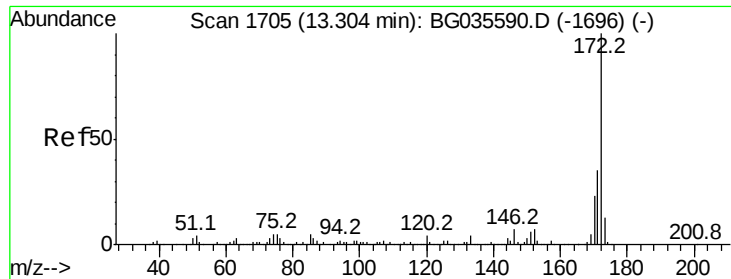


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

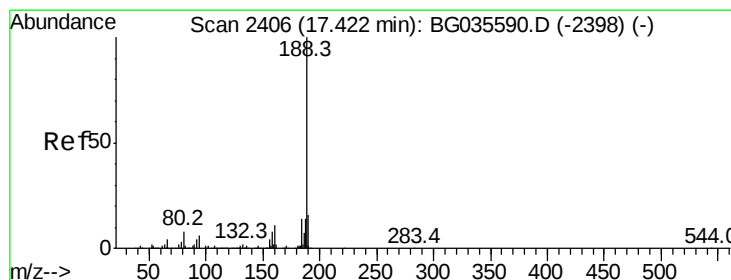
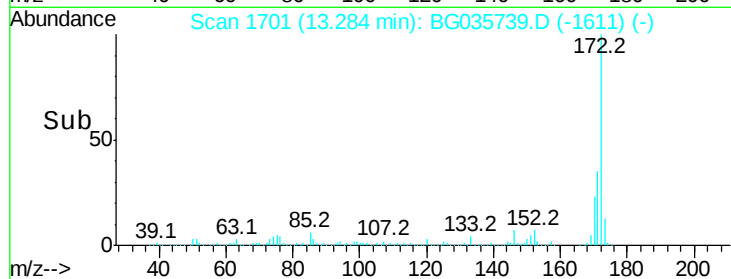
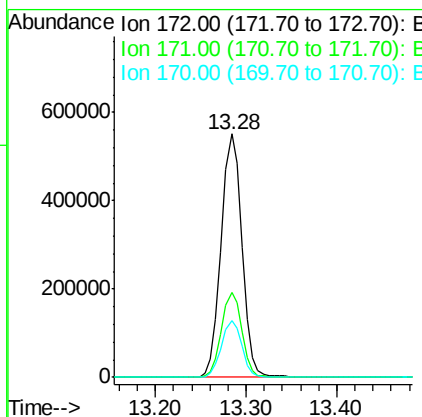
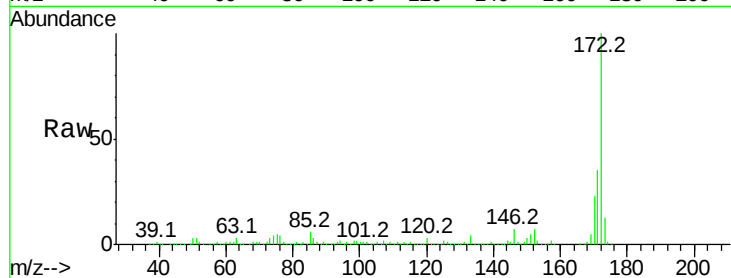




#44
 2-Fluorobiphenyl
 Concen: 96.821 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG035739.D
 Acq: 19 Jul 2018 5:37

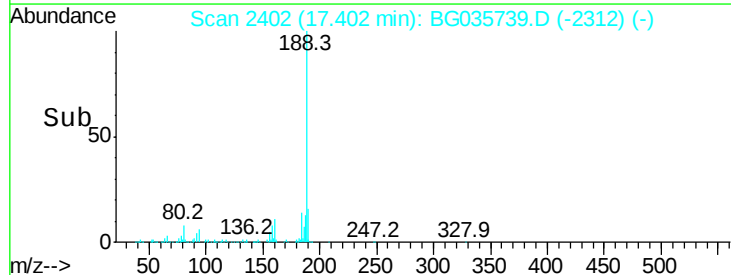
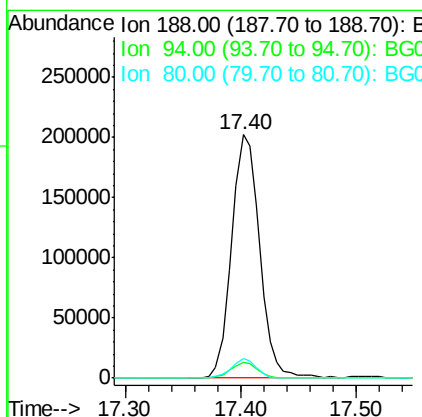
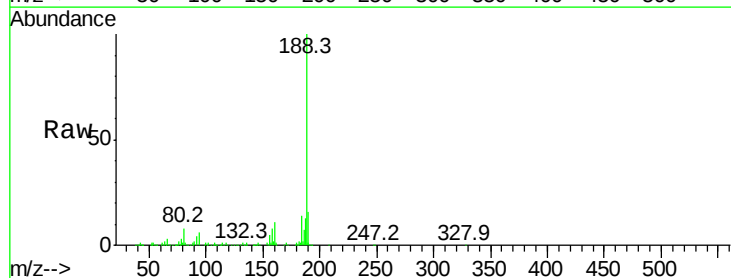
Instrument :
 BNA_G
 ClientSampleId :
 SB3-L-12-7

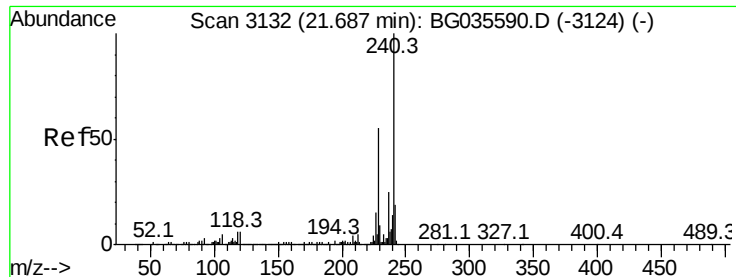
Tot Ion:172 Resp: 879823
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 23.2 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.00 min
 Lab File: BG035739.D
 Acq: 19 Jul 2018 5:37

Tgt Ion:188 Resp: 339760
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.9 10.3#
 80 7.8 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BG035739.D

Acq: 19 Jul 2018 5:37

Instrument :

BNA_G

ClientSampleId :

SB3-L-12-7

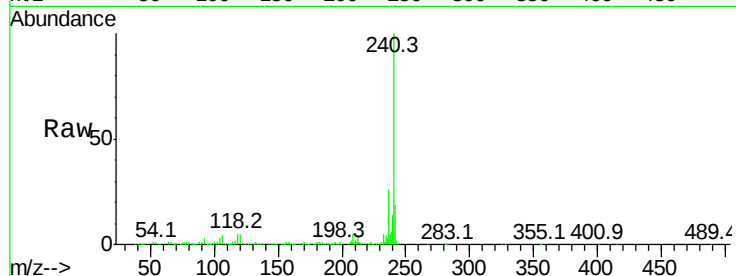
Tot Ion:240 Resp: 405748

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

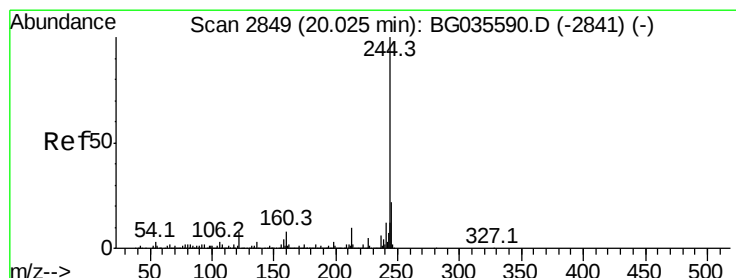
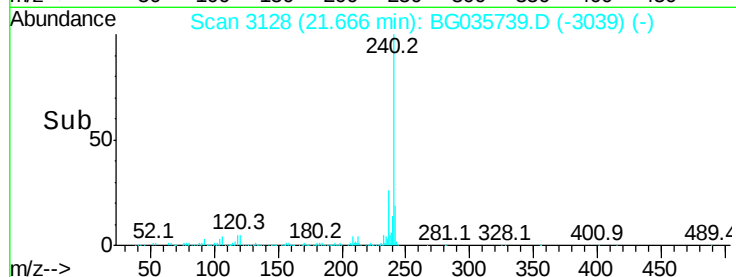
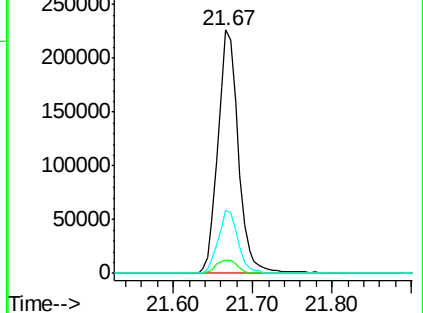
236 25.8 20.9 31.3



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: 92.821 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG035739.D

Acq: 19 Jul 2018 5:37

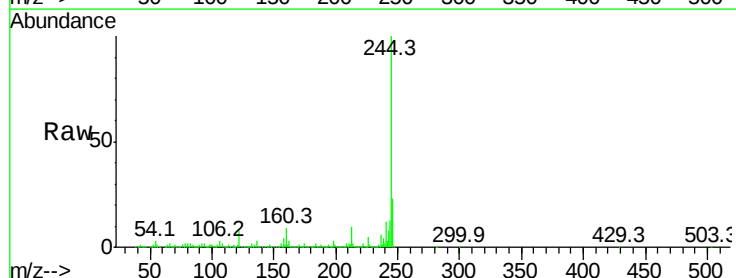
Tgt Ion:244 Resp: 1708566

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

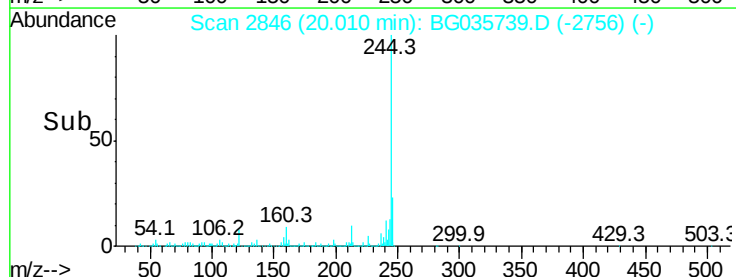
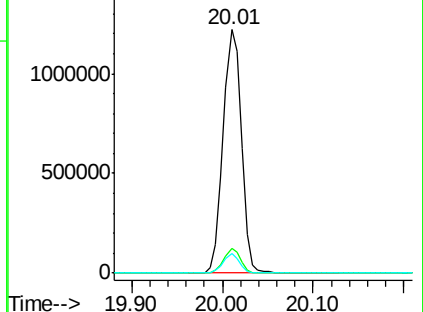
122 8.1 7.0 10.4

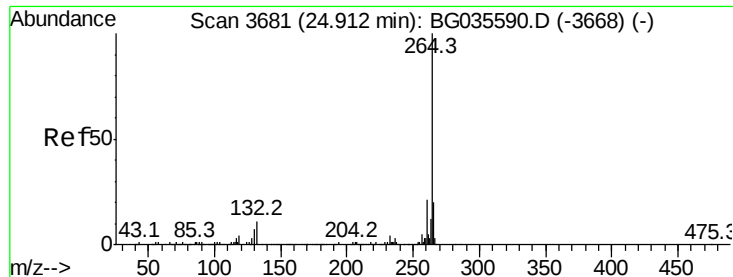


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

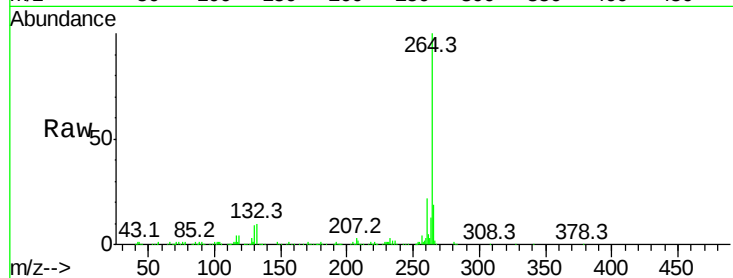




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BG035739.D
Acq: 19 Jul 2018 5:37

Instrument :
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ClientSampleId :
SB3-L-12-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	19.3	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

