

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035729.D
 Acq On : 18 Jul 2018 22:48
 Operator : JU/SJ
 Sample : J4016-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB2-L-12-7

Quant Time: Jul 19 02:29:11 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	46354	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	164076	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	111731	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	311026	20.00	ng	0.00
75) Chrysene-d12	21.67	240	363723	20.00	ng	0.00
86) Perylene-d12	24.88	264	331133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	346540	124.12	ng	0.00
7) Phenol-d6	7.21	99	430266	103.29	ng	0.00
23) Nitrobenzene-d5	9.20	82	364331	92.76	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	193896	131.66	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	785881	94.23	ng	0.00
78) Terphenyl-d14	20.01	244	1515836	91.87	ng	0.00

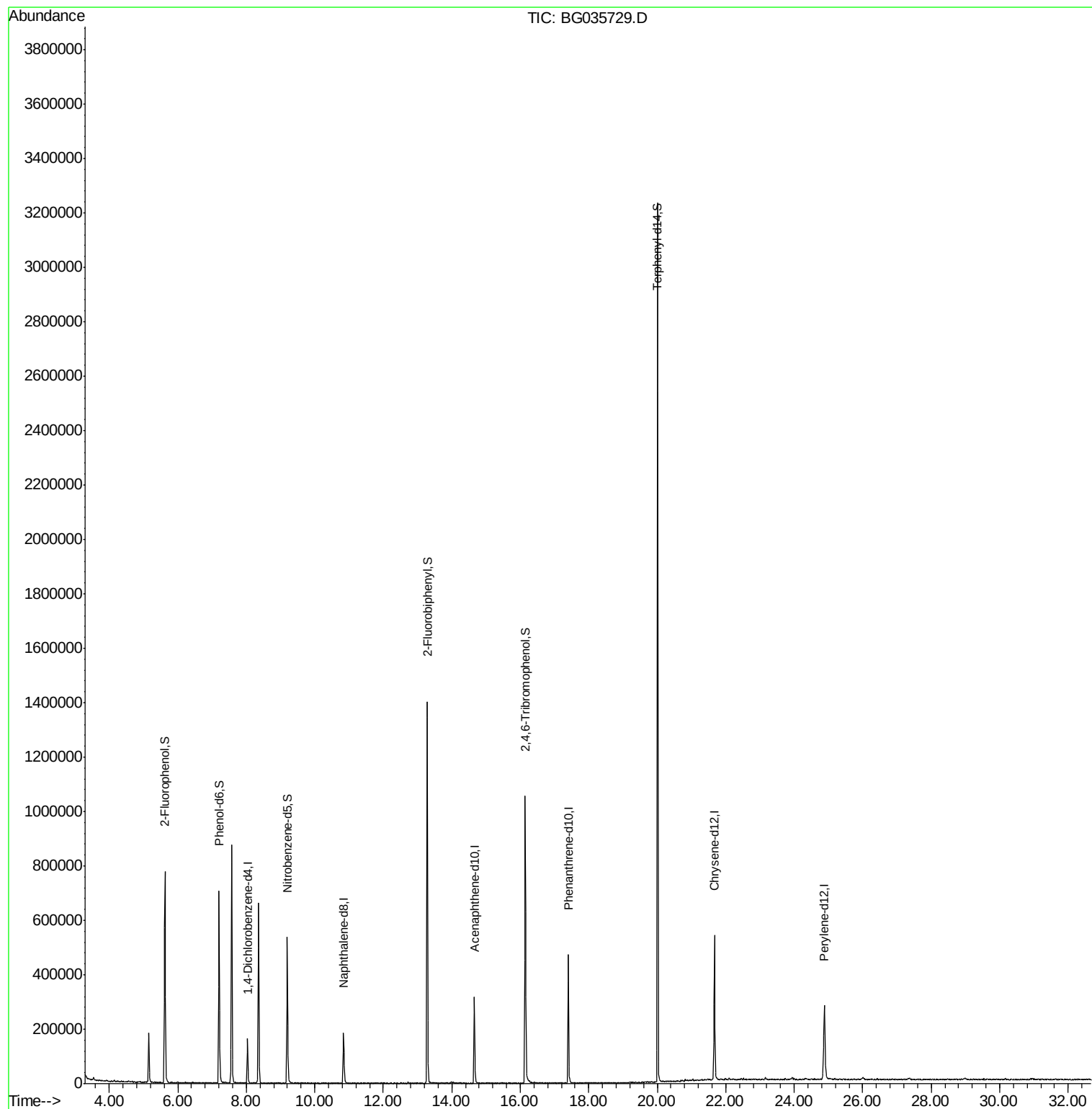
Target Compounds Qvalue

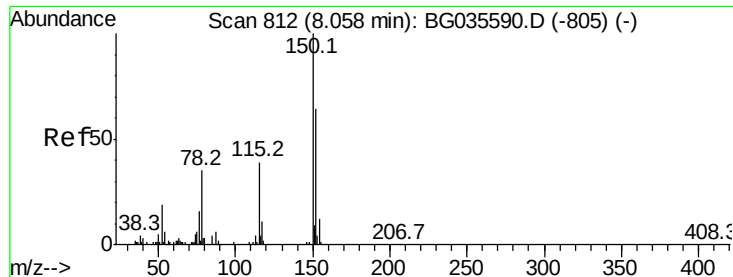
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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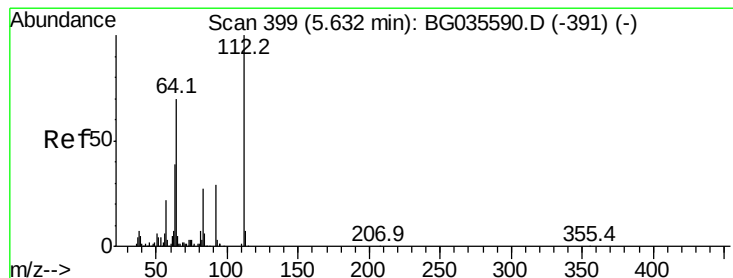
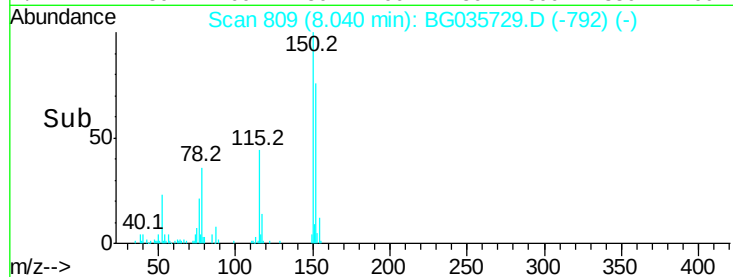
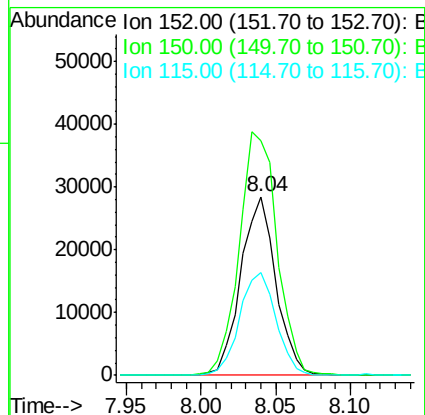
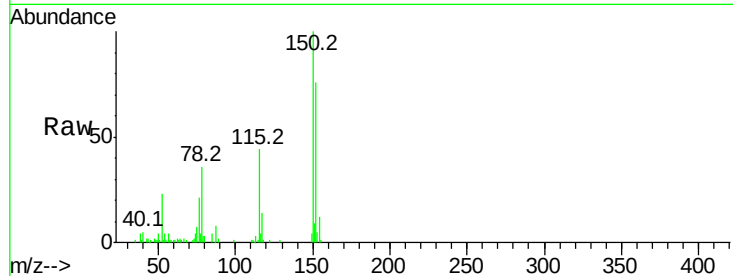


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG035729.D
Acq: 18 Jul 2018 22:48

Instrument :
BNA_G
ClientSampleId :
SB2-L-12-7

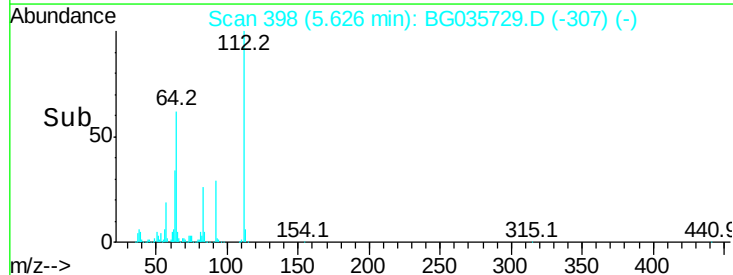
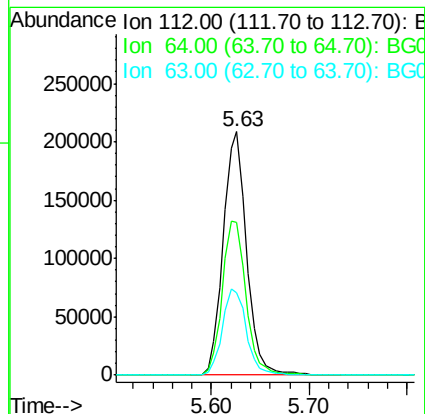
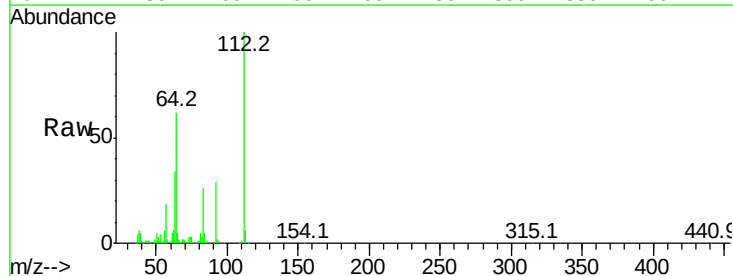
Tot Ion	Ratio	Lower	Upper
152	100		
150	131.6	126.6	189.8
115	57.3	53.0	79.4

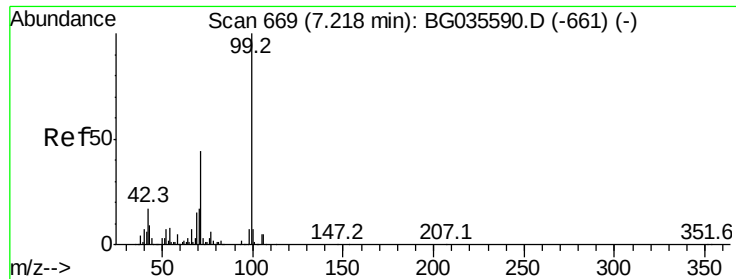


#5

2-Fluorophenol
Concen: 124.118 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.01 min
Lab File: BG035729.D
Acq: 18 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	56.3	84.5
63	34.1	30.1	45.1





#7

Phenol-d6

Concen: 103.289 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG035729.D

Acq: 18 Jul 2018 22:48

Instrument :

BNA_G

ClientSampleId :

SB2-L-12-7

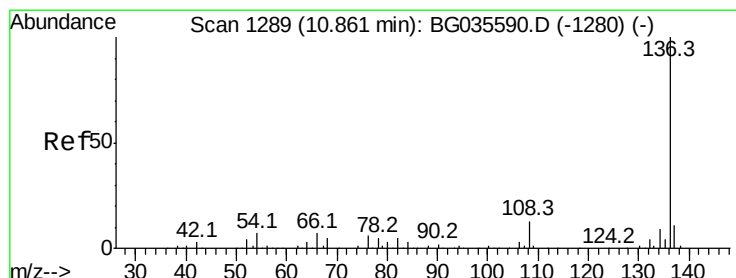
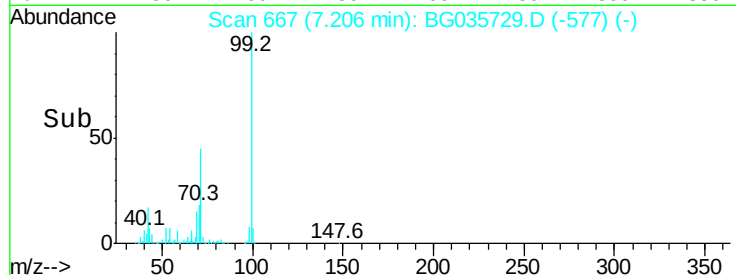
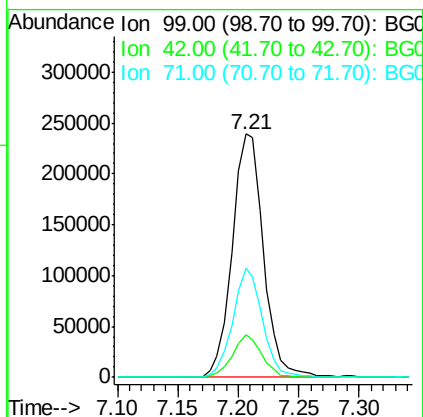
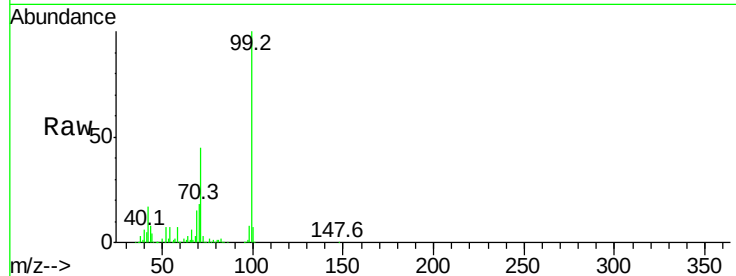
Tot Ion: 99 Resp: 430266

Ion Ratio Lower Upper

99 100

42 17.3 14.1 21.1

71 44.6 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: BG035729.D

Acq: 18 Jul 2018 22:48

Tgt Ion: 136 Resp: 164076

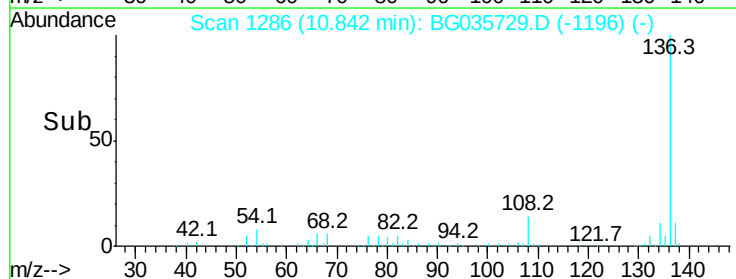
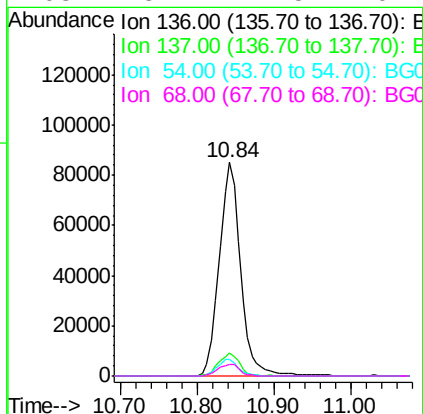
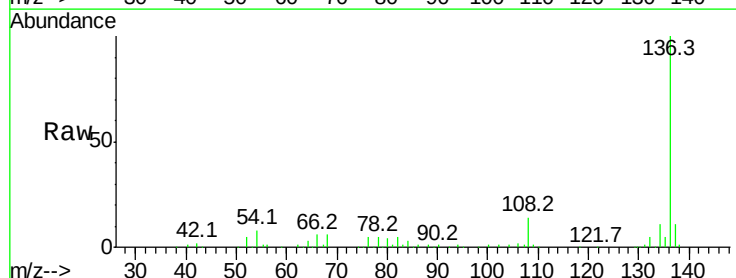
Ion Ratio Lower Upper

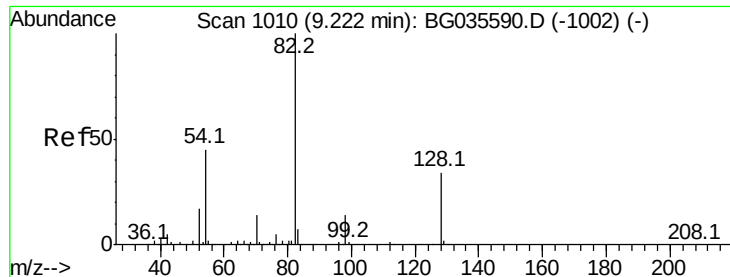
136 100

137 10.6 9.2 13.8

54 7.7 10.3 15.5#

68 5.7 4.5 6.7

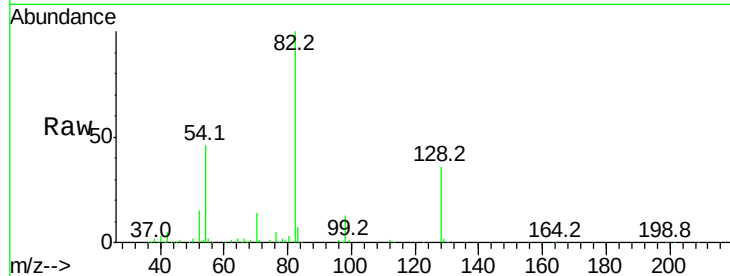




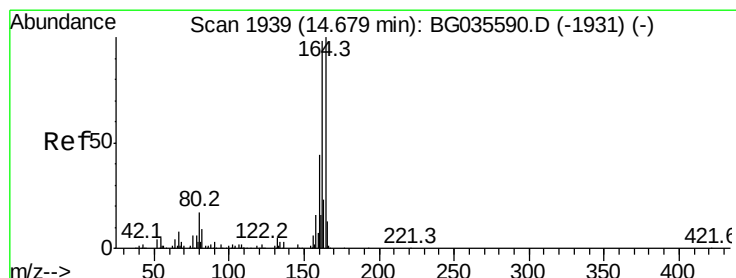
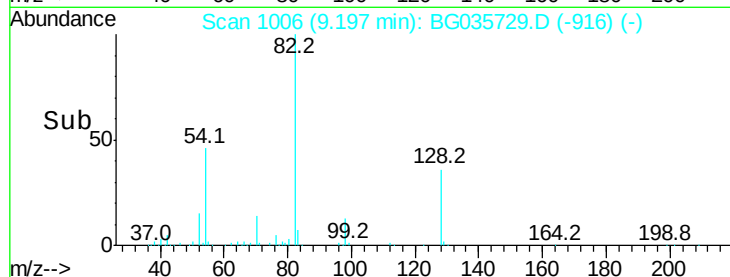
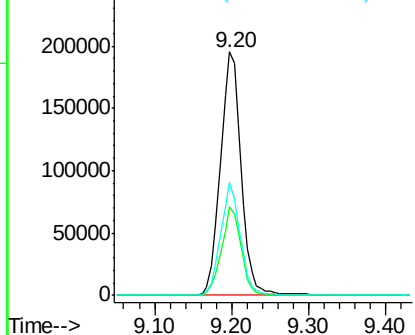
#23
 Nitrobenzene-d5
 Concen: 92.761 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BG035729.D
 Acq: 18 Jul 2018 22:48

Instrument :
 BNA_G
 ClientSampled :
 SB2-L-12-7

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.7	44.5
54	46.2	43.1	64.7

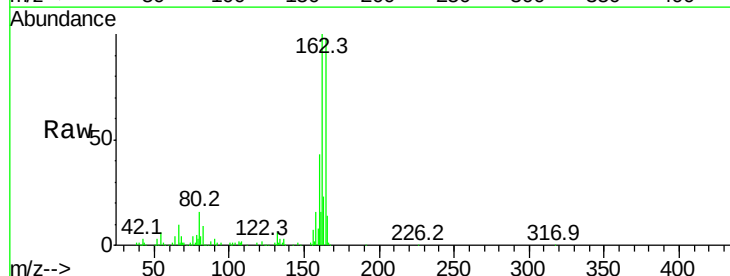


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

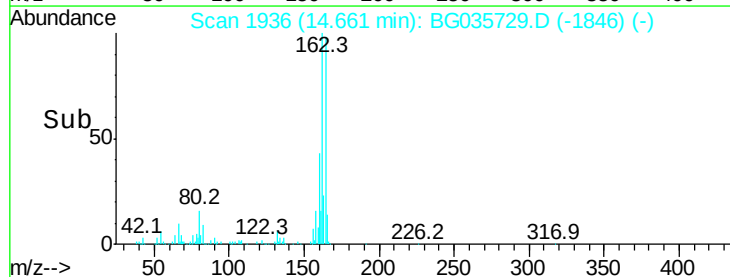
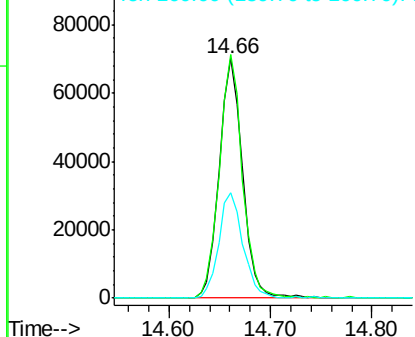


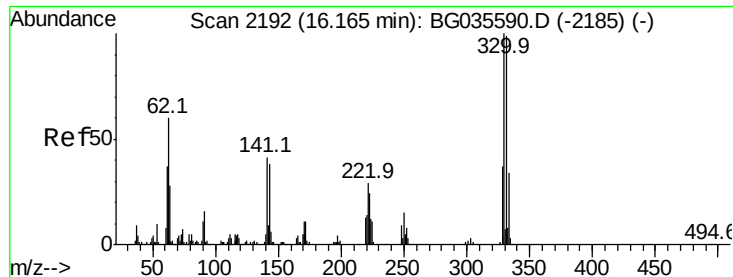
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BG035729.D
 Acq: 18 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	43.8	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

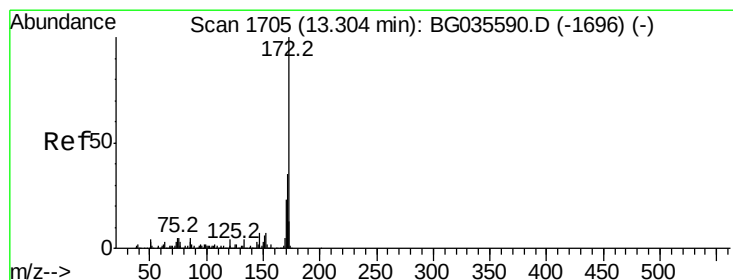
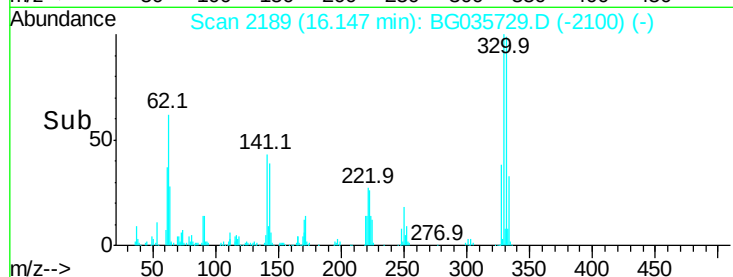
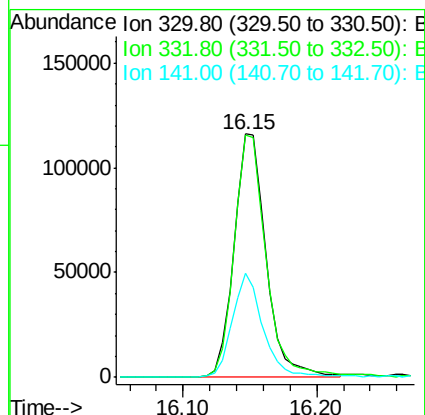
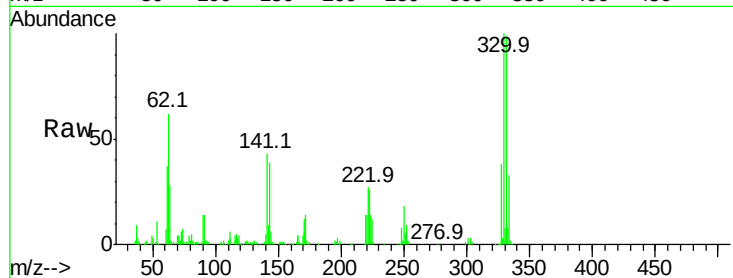




#41
2,4,6-Tribromophenol
Concen: 131.661 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BG035729.D
Acq: 18 Jul 2018 22:48

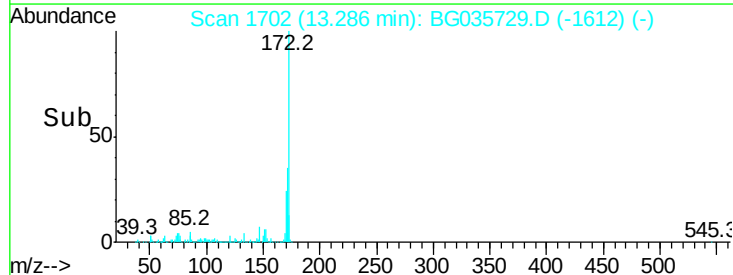
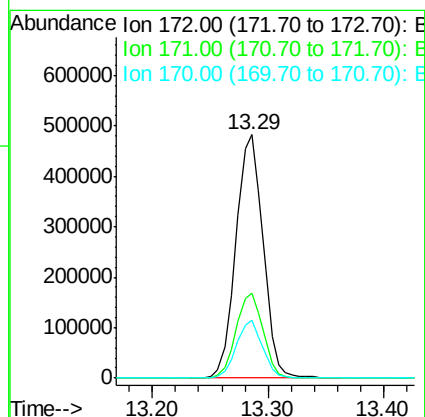
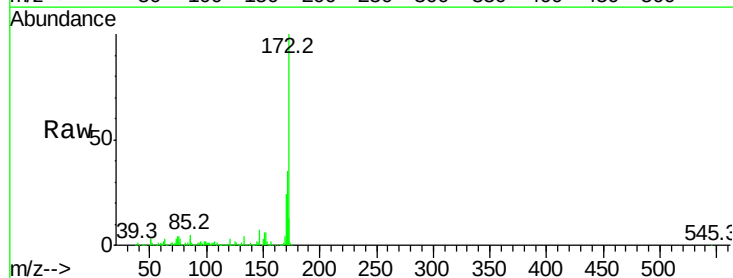
Instrument :
BNA_G
ClientSampled :
SB2-L-12-7

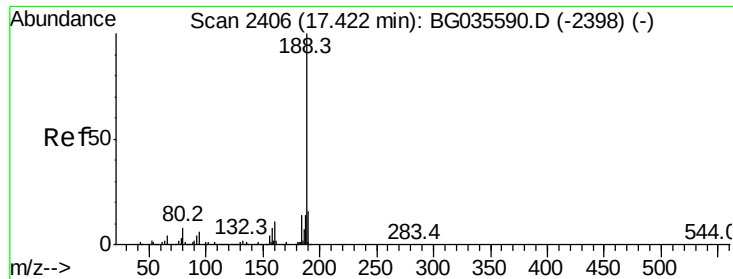
Tot Ion:330 Resp: 193896
Ion Ratio Lower Upper
330 100
332 100.2 77.0 115.6
141 41.4 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 94.233 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BG035729.D
Acq: 18 Jul 2018 22:48

Tgt Ion:172 Resp: 785881
Ion Ratio Lower Upper
172 100
171 34.6 30.0 45.0
170 23.7 19.5 29.3

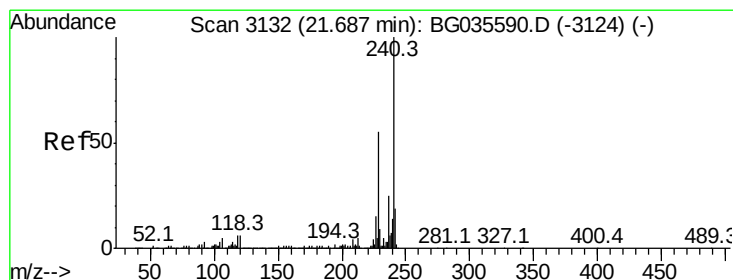
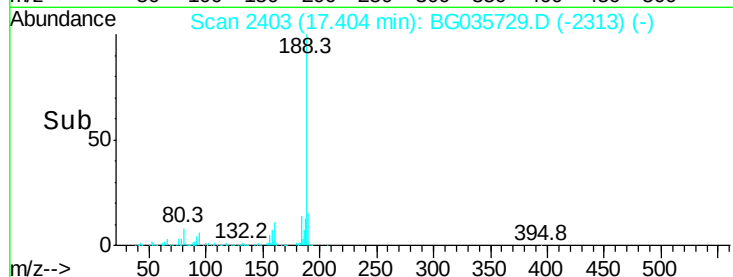
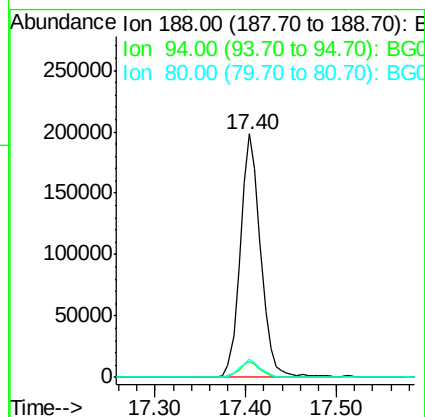
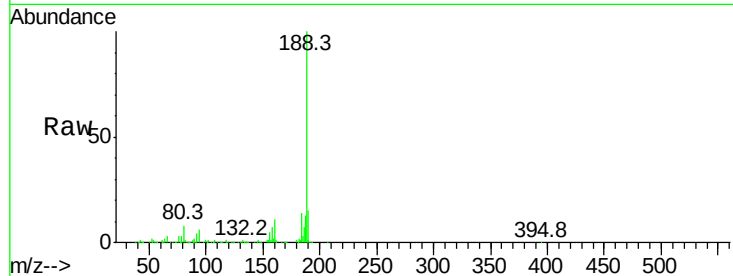




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BG035729.D
Acq: 18 Jul 2018 22:48

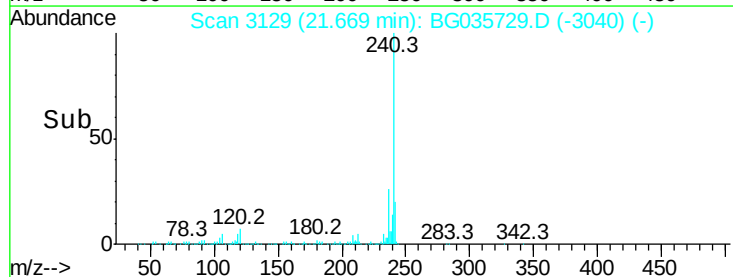
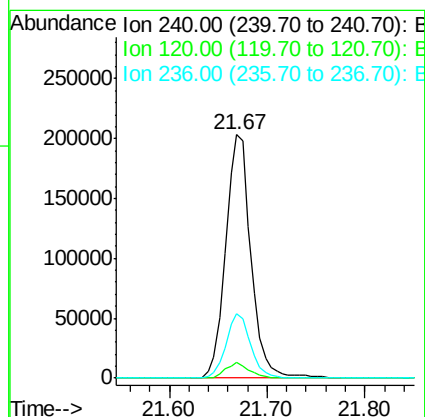
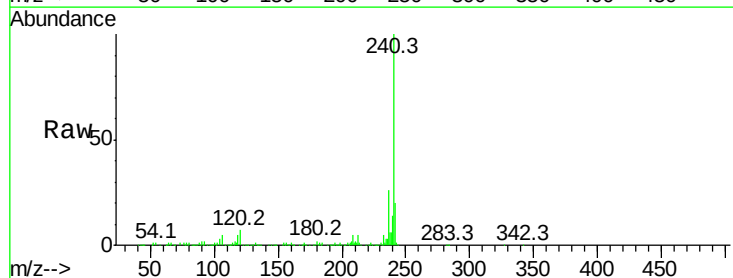
Instrument :
BNA_G
ClientSampleId :
SB2-L-12-7

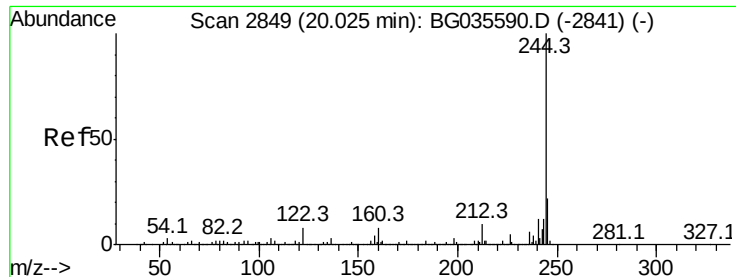
Tot Ion:188 Resp: 311026
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG035729.D
Acq: 18 Jul 2018 22:48

Tgt Ion:240 Resp: 363723
Ion Ratio Lower Upper
240 100
120 6.5 6.8 10.2#
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 91.865 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG035729.D

Acq: 18 Jul 2018 22:48

Instrument :

BNA_G

ClientSampled :

SB2-L-12-7

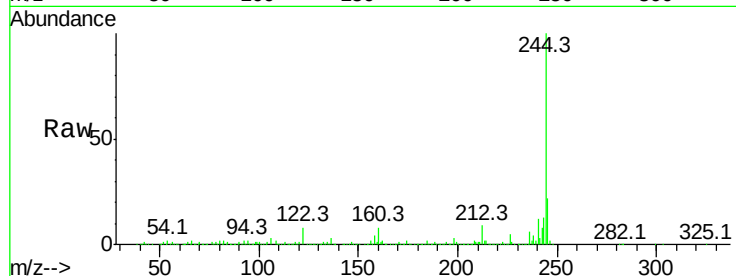
Tot Ion:244 Resp: 1515836

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

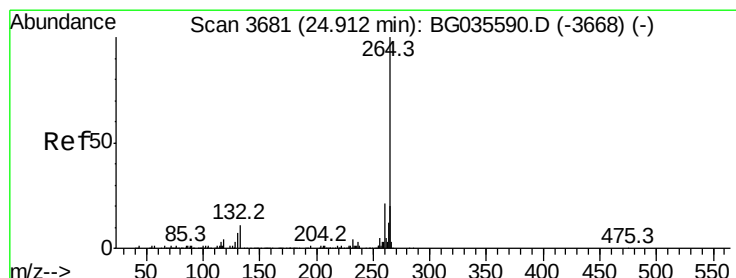
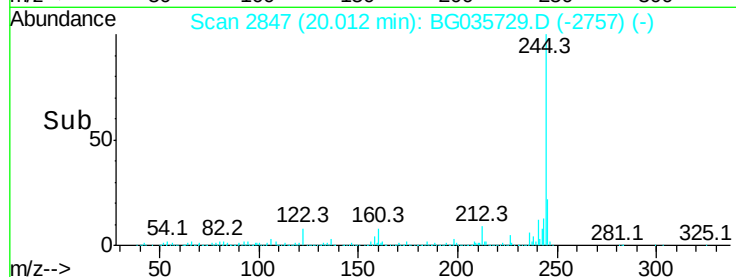
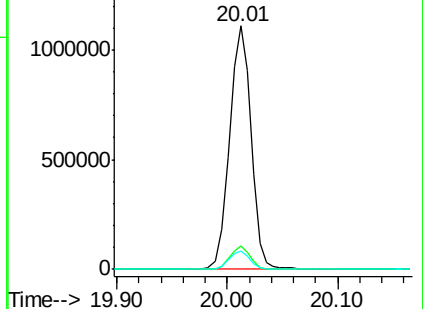
122 7.7 7.0 10.4



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: BG035729.D

Acq: 18 Jul 2018 22:48

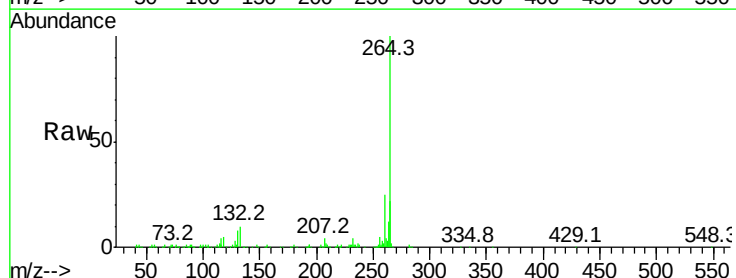
Tgt Ion:264 Resp: 331133

Ion Ratio Lower Upper

264 100

260 25.5 17.4 26.0

265 21.9 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

