

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
 Data File : BG035618.D
 Acq On : 13 Jul 2018 6:54
 Operator : JU/SJ
 Sample : J3825-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-071118-B

Quant Time: Jul 13 08:19:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47651	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	173141	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	107493	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	332293	20.00	ng	0.00
75) Chrysene-d12	21.68	240	340898	20.00	ng	0.00
86) Perylene-d12	24.91	264	101083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	395714	137.87	ng	0.00
7) Phenol-d6	7.22	99	481792	112.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	414765	100.07	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	241690	170.59	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	871059	108.56	ng	0.00
78) Terphenyl-d14	20.03	244	1594969	103.13	ng	0.00

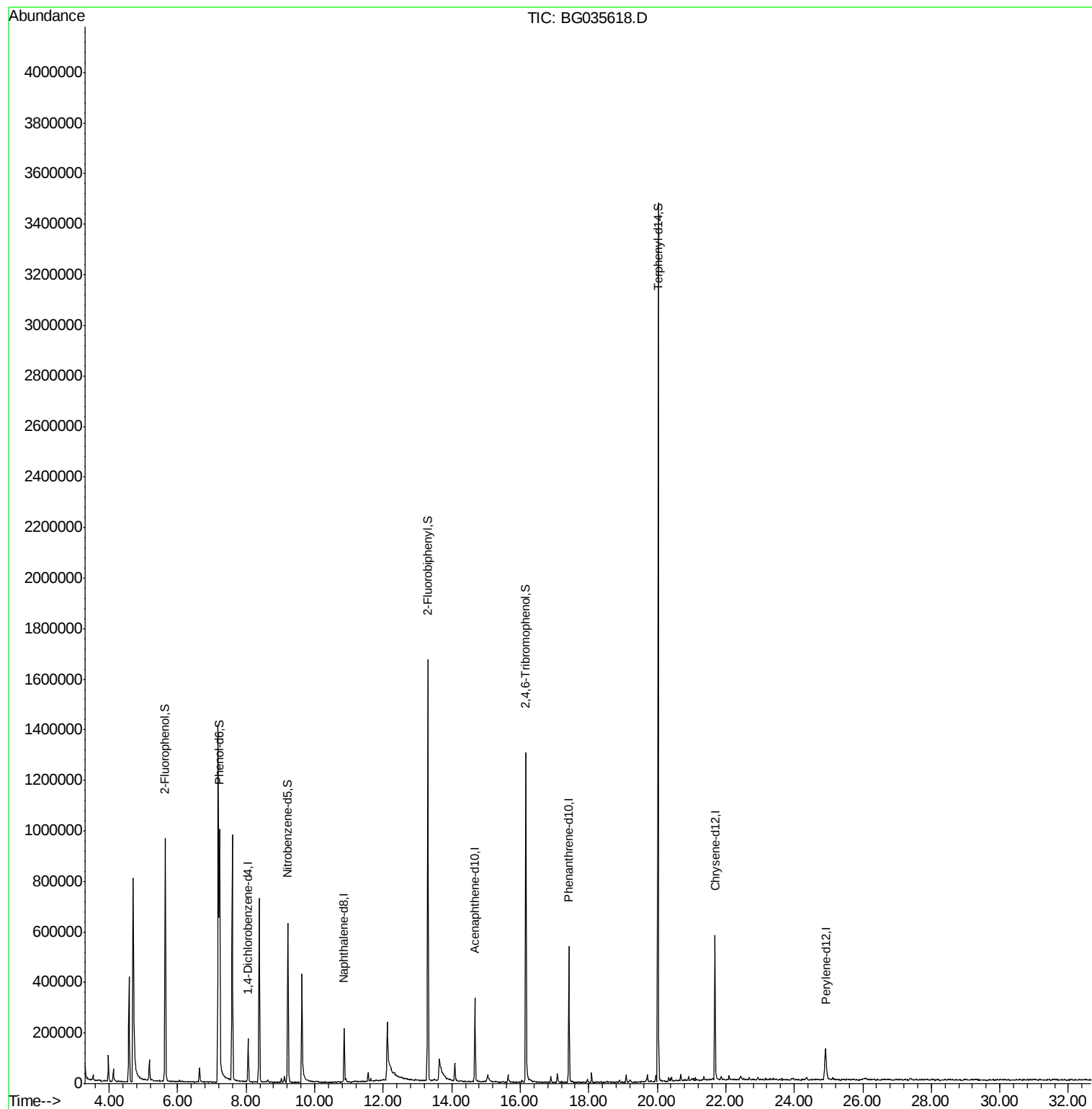
Target Compounds Qvalue

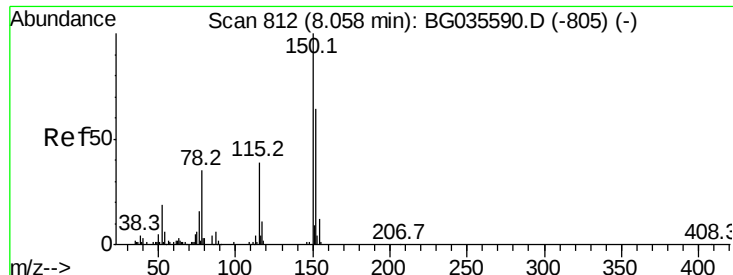
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035618.D
Acq On : 13 Jul 2018 6:54
Operator : JU/SJ
Sample : J3825-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

Quant Time: Jul 13 08:19:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



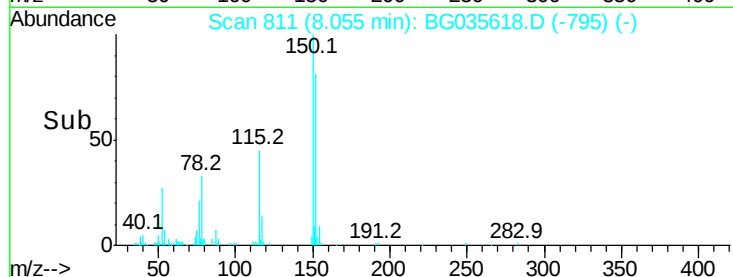
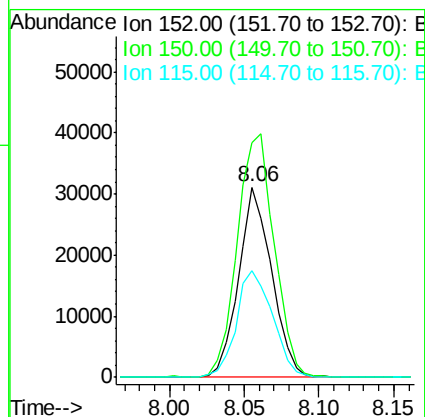
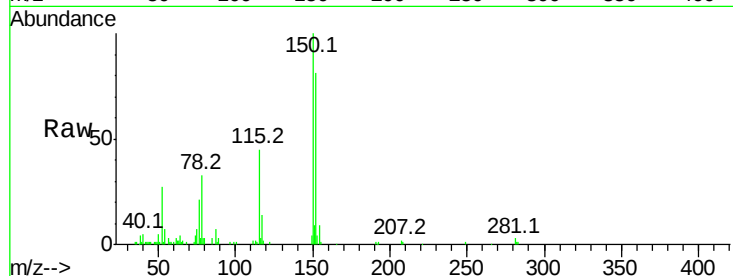


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BG035618.D
 Acq: 13 Jul 2018 6:54

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-071118-B

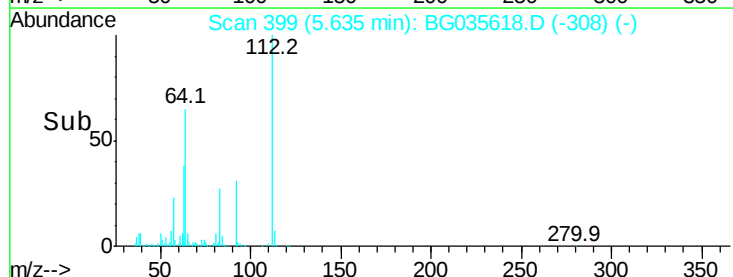
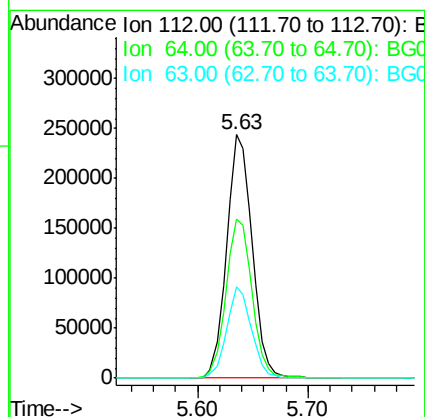
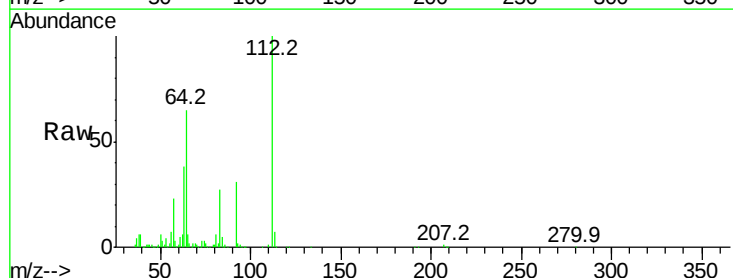
Tot Ion	Ratio	Lower	Upper
152	100		
150	123.6	126.6	189.8#
115	55.9	53.0	79.4



#5

2-Fluorophenol
 Concen: 137.873 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG035618.D
 Acq: 13 Jul 2018 6:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	56.3	84.5
63	37.7	30.1	45.1





#7

Phenol-d6

Concen: 112.510 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-B

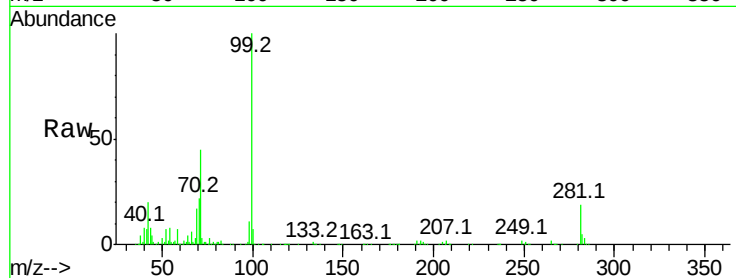
Tot Ion: 99 Resp: 481792

Ion Ratio Lower Upper

99 100

42 19.6 14.1 21.1

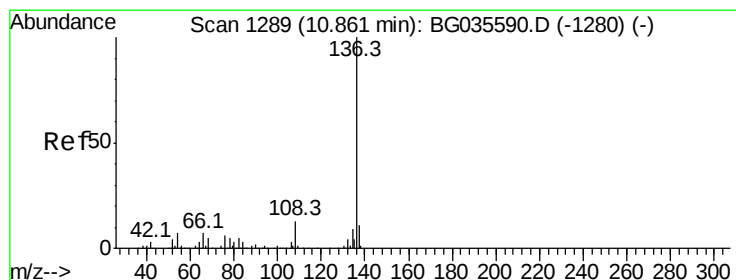
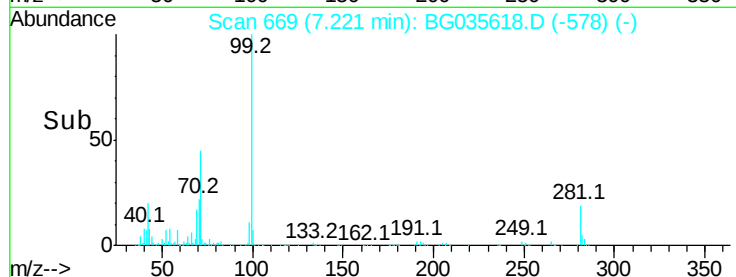
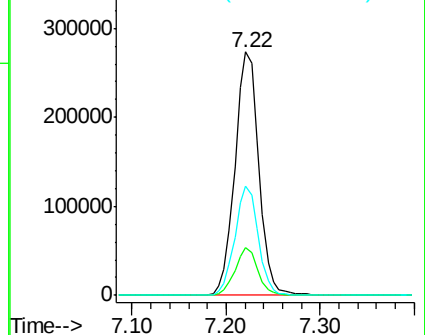
71 44.8 26.1 39.1#



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: 10.86 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

Tgt Ion: 136 Resp: 173141

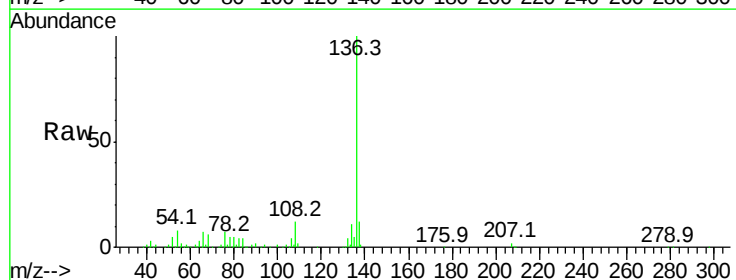
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 8.2 10.3 15.5#

68 5.5 4.5 6.7

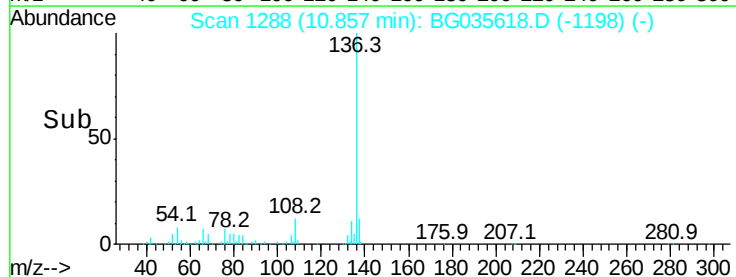
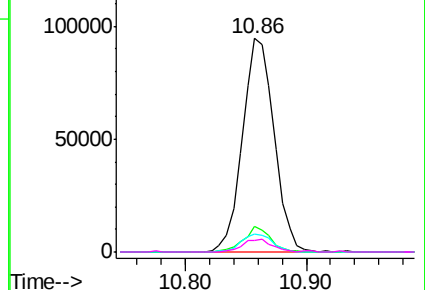


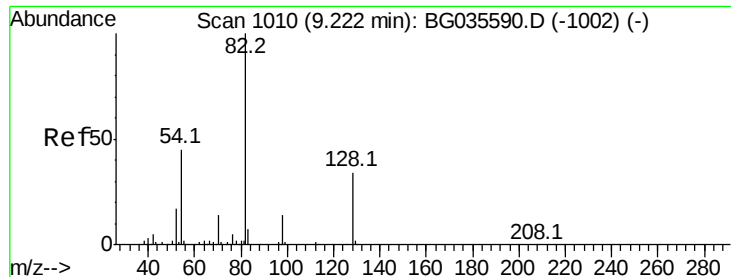
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 100.073 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-B

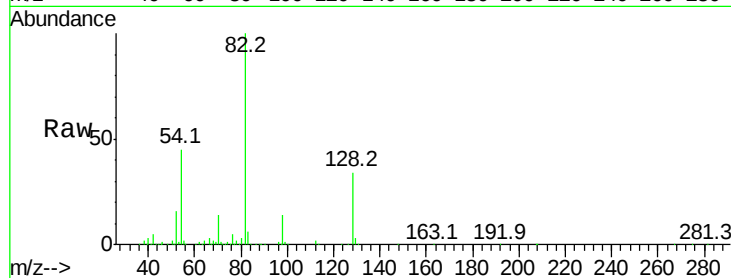
Tot Ion: 82 Resp: 414765

Ion Ratio Lower Upper

82 100

128 34.1 29.7 44.5

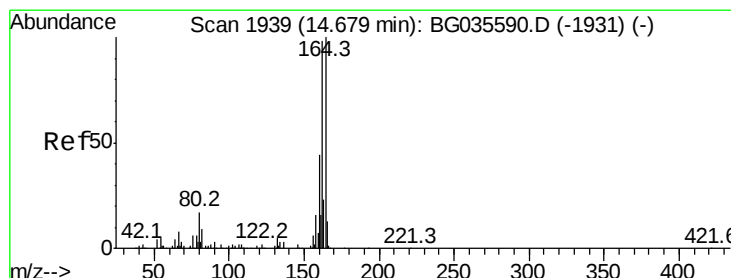
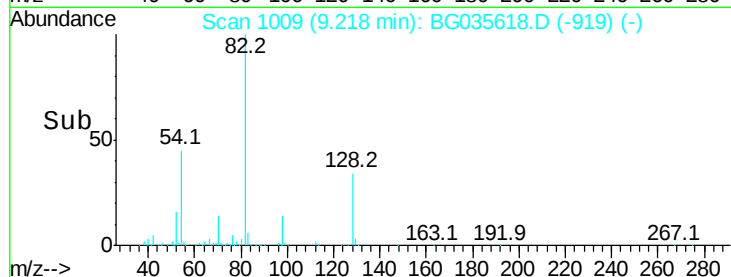
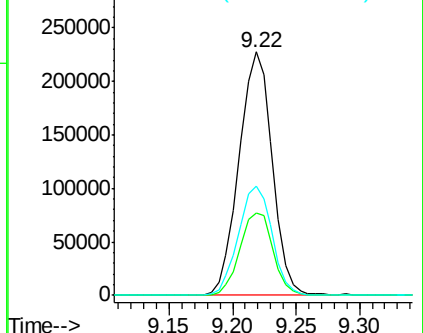
54 45.0 43.1 64.7



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: 14.68 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

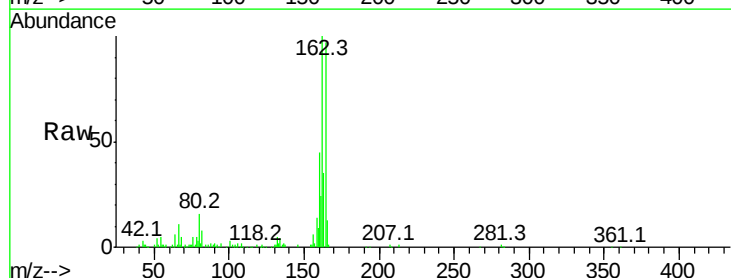
Tgt Ion:164 Resp: 107493

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

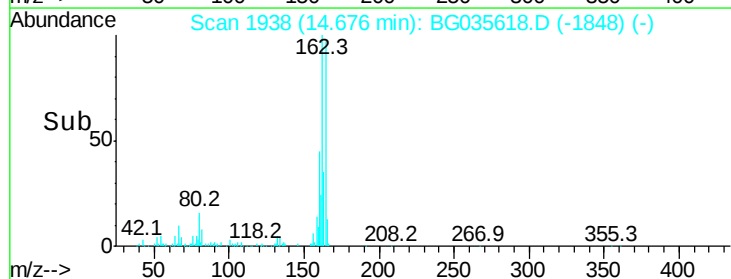
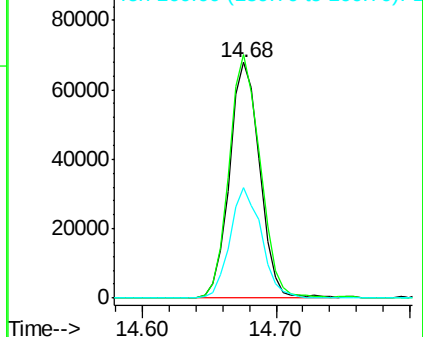
160 46.7 35.4 53.0



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

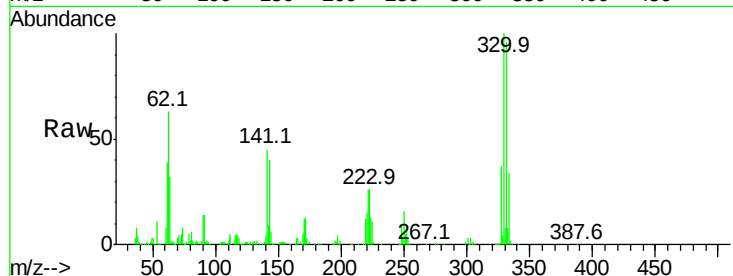




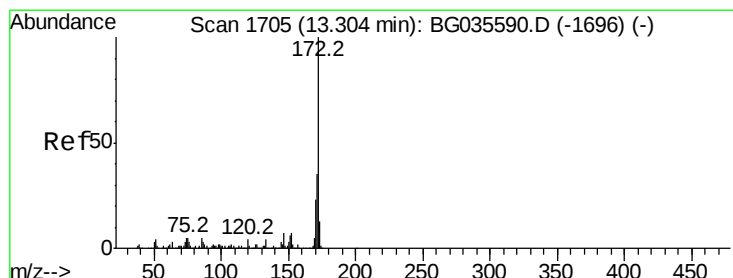
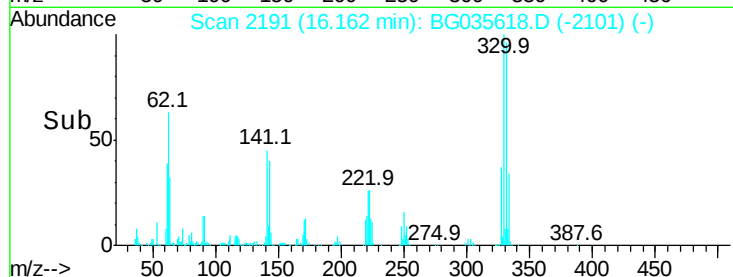
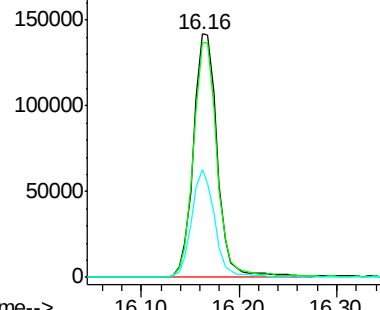
#41
2,4,6-Tribromophenol
Concen: 170.585 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	42.4	25.2	37.8#

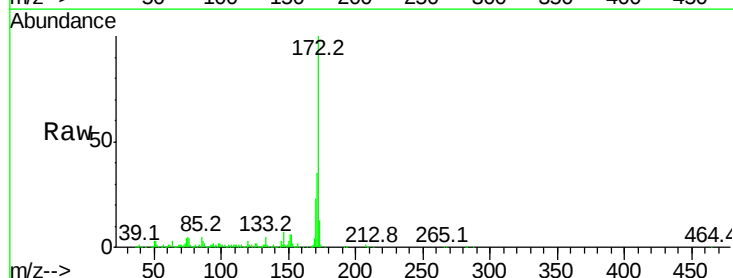


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

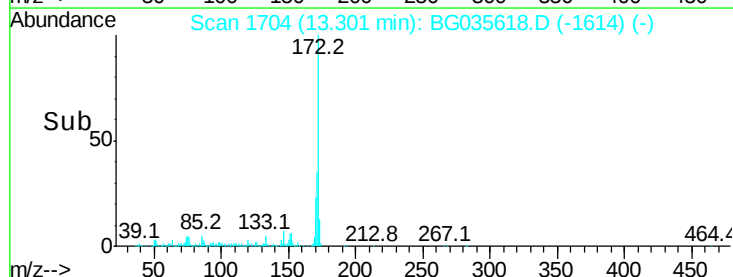
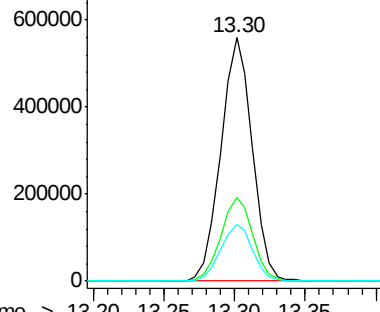


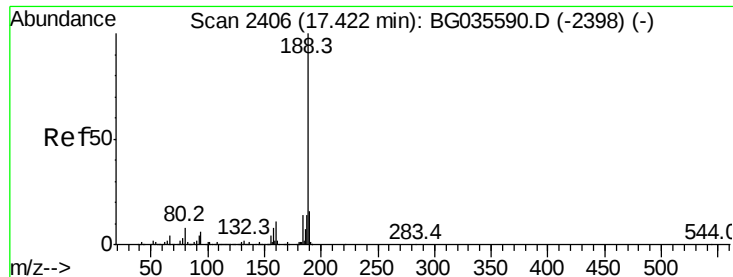
#44
2-Fluorobiphenyl
Concen: 108.565 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.5	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

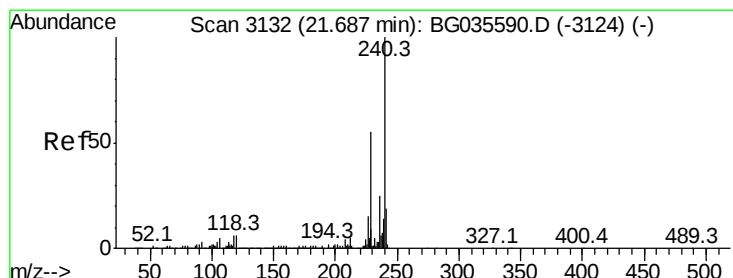
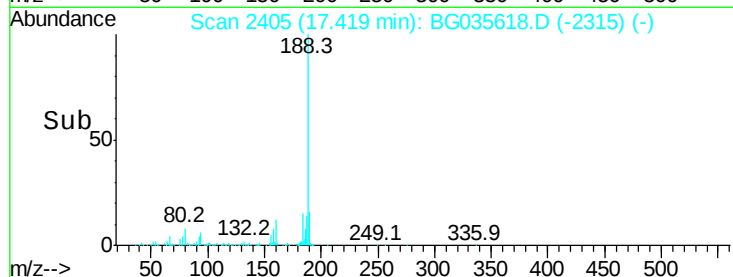
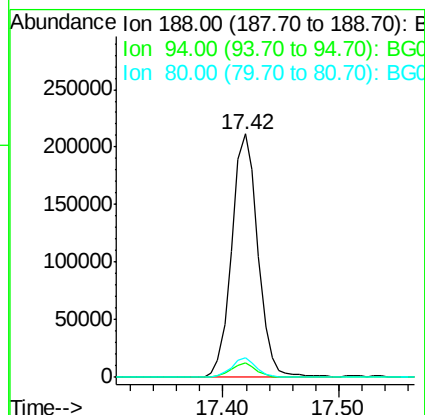
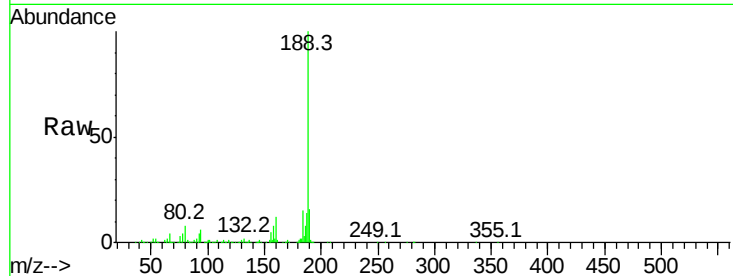




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

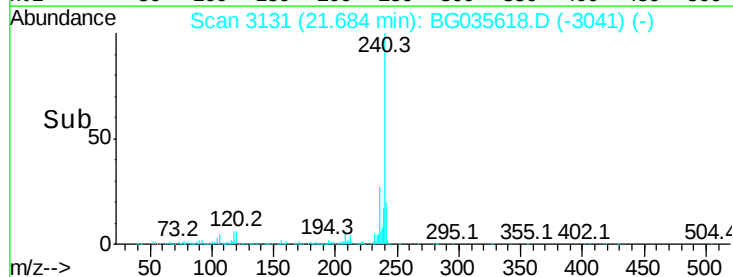
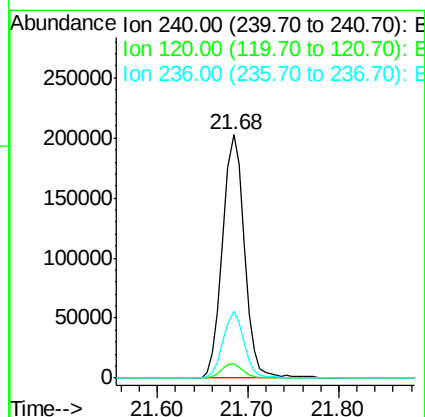
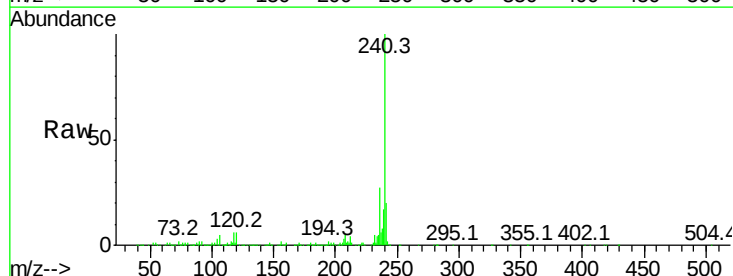
Instrument :
BNA_G
ClientSampleId :
CL-02-071118-B

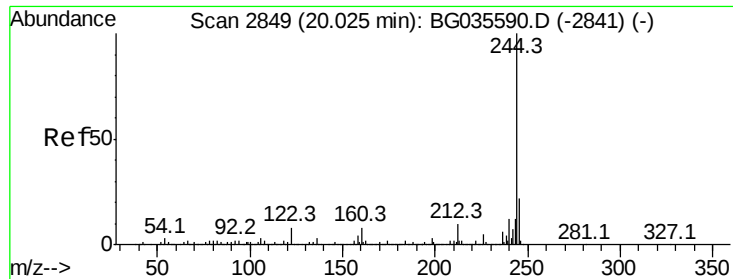
Tot Ion:188 Resp: 332293
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG035618.D
Acq: 13 Jul 2018 6:54

Tgt Ion:240 Resp: 340898
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 27.3 20.9 31.3





#78

Terphenyl-d14

Concen: 103.133 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-B

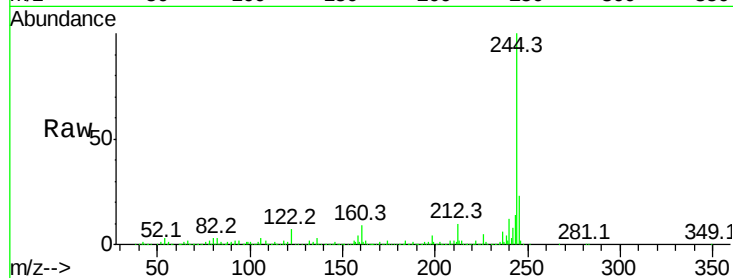
Tot Ion:244 Resp: 1594969

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

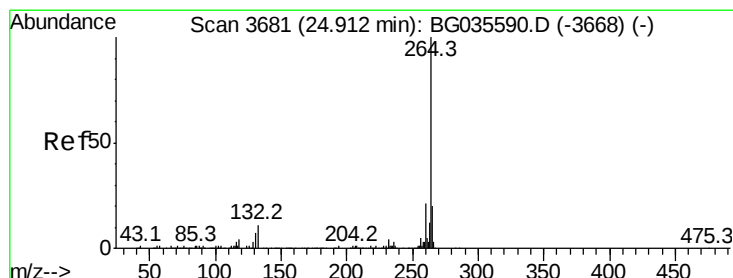
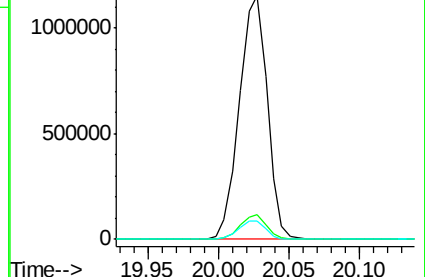
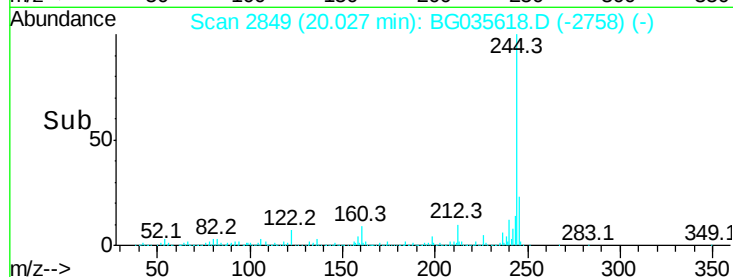
122 7.4 7.0 10.4



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: 24.91 min Scan# 3680

Delta R.T. -0.00 min

Lab File: BG035618.D

Acq: 13 Jul 2018 6:54

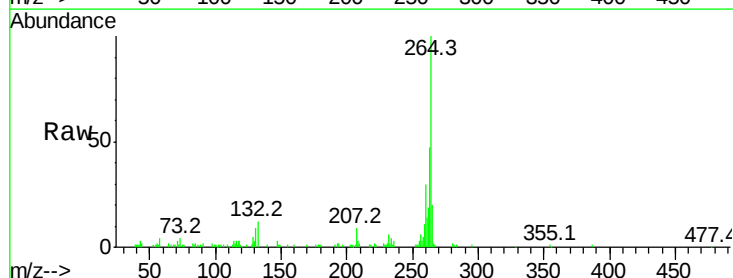
Tgt Ion:264 Resp: 101083

Ion Ratio Lower Upper

264 100

260 29.9 17.4 26.0#

265 20.2 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

