

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036158.D
 Acq On : 7 Aug 2018 11:48
 Operator : JU/SJ
 Sample : J4345-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200035

Quant Time: Aug 07 13:04:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 10:56:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30887	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	101354	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	72267	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	224039	20.00	ng	0.00
75) Chrysene-d12	21.64	240	252622	20.00	ng	0.00
86) Perylene-d12	24.83	264	238785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	249713	134.23	ng	0.00
7) Phenol-d6	7.18	99	319258	115.02	ng	0.00
23) Nitrobenzene-d5	9.17	82	261920	107.95	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	199751	209.71	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	599103	111.07	ng	0.00
78) Terphenyl-d14	19.99	244	1350262	117.82	ng	0.00

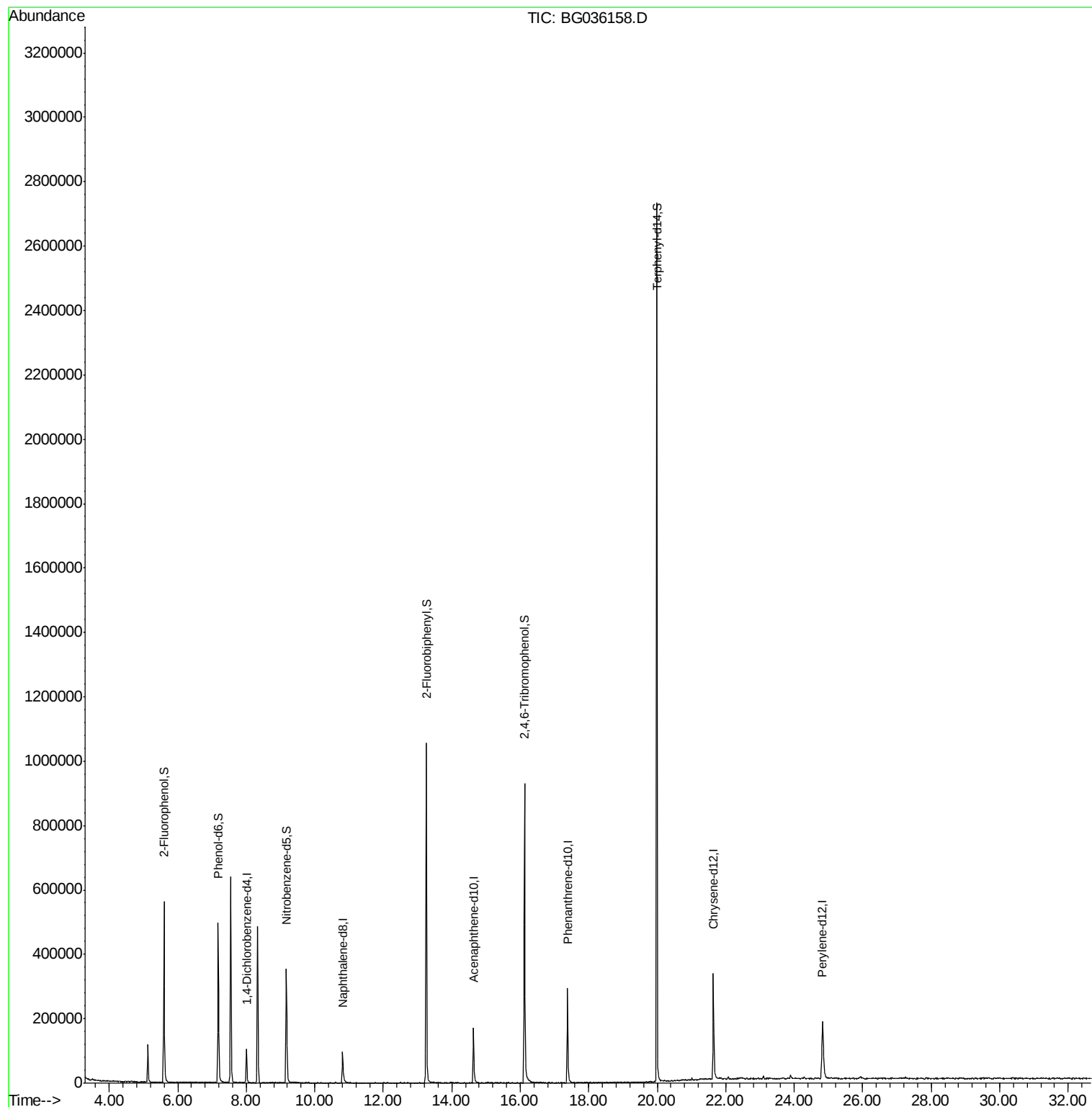
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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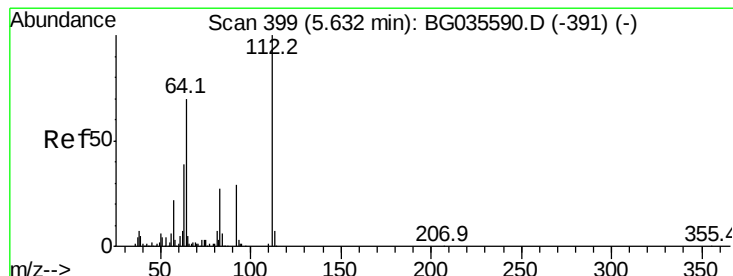
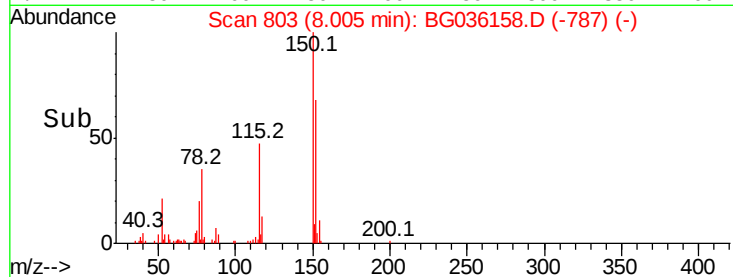
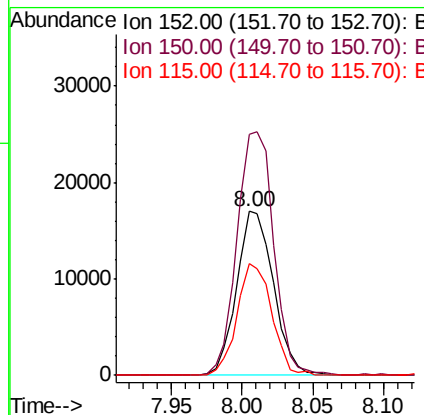
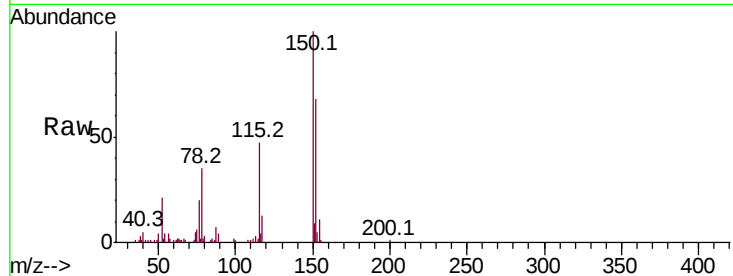


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.01 min
Lab File: BG036158.D
Acq: 7 Aug 2018 11:48

Instrument :
BNA_G
ClientSampleId :
RBR200035

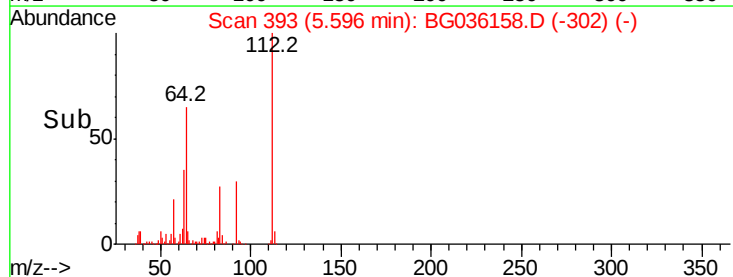
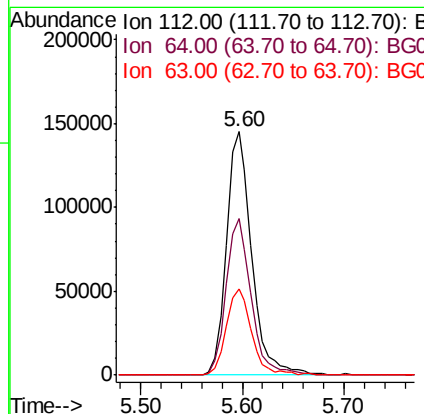
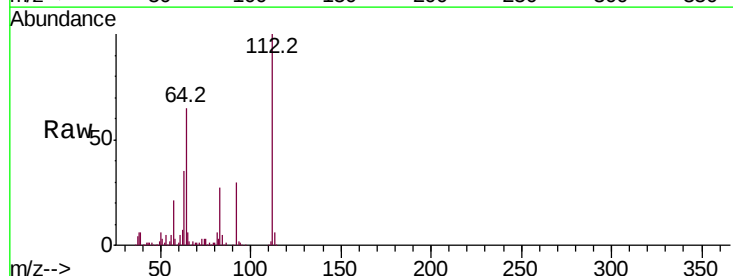
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	126.6	189.8
115	68.7	53.0	79.4



#5

2-Fluorophenol
Concen: 134.225 ng
RT: 5.60 min Scan# 393
Delta R.T. 0.00 min
Lab File: BG036158.D
Acq: 7 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	56.3	84.5
63	35.2	30.1	45.1





#7

Phenol-d6

Concen: 115.019 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036158.D

Acq: 7 Aug 2018 11:48

Instrument :

BNA_G

ClientSampleId :

RBR200035

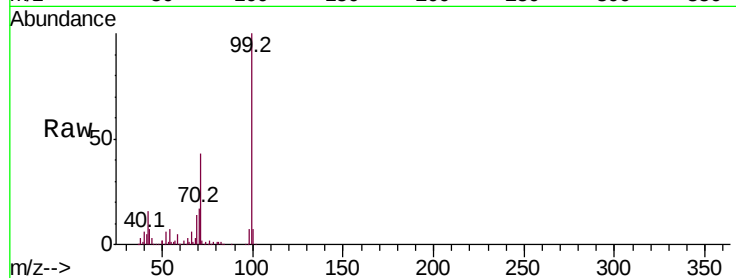
Tot Ion: 99 Resp: 319258

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

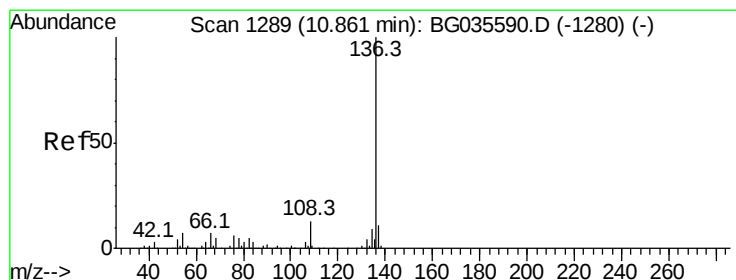
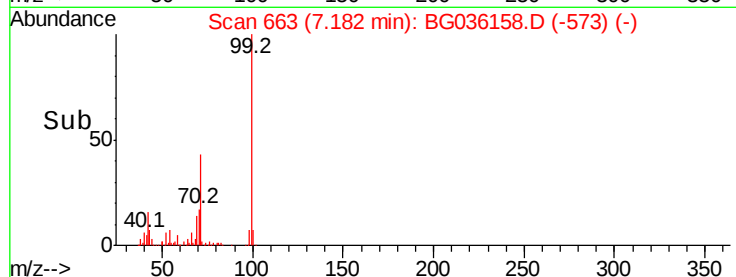
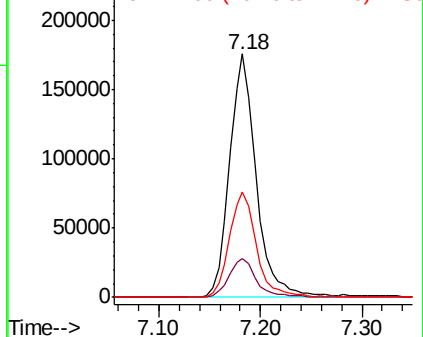
71 43.5 26.1 39.1#



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: 10.81 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BG036158.D

Acq: 7 Aug 2018 11:48

Tgt Ion: 136 Resp: 101354

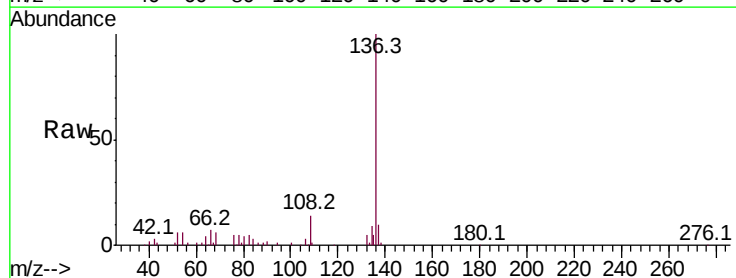
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 6.0 10.3 15.5#

68 6.1 4.5 6.7

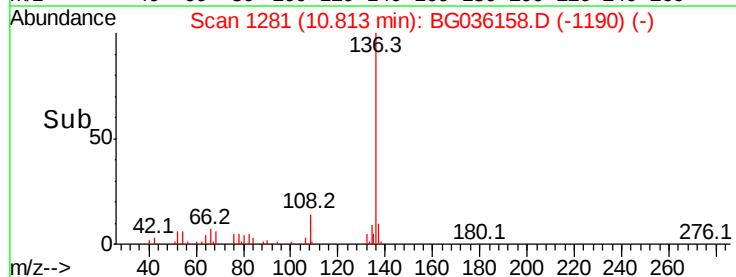
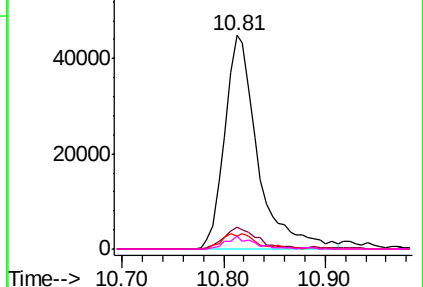


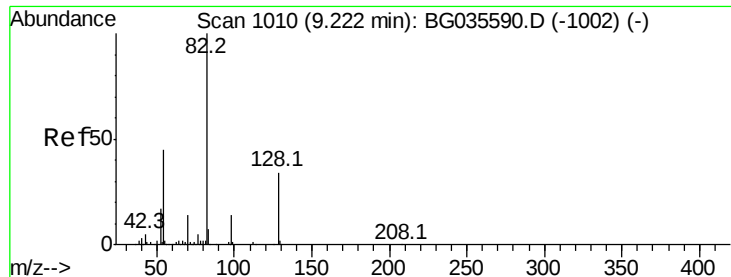
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

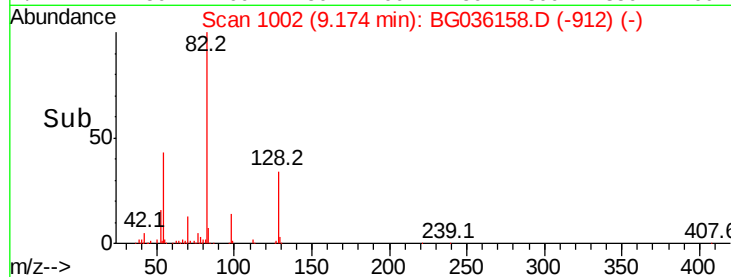
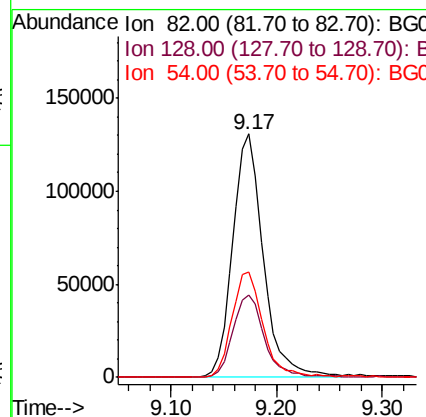
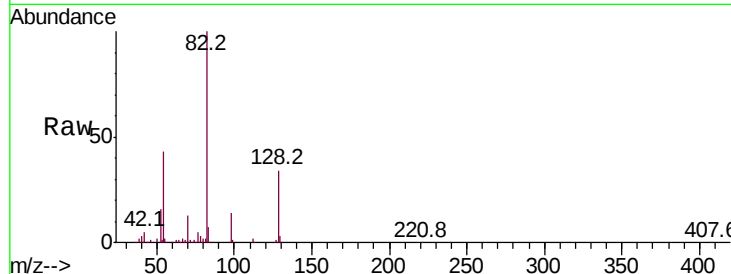




#23
Nitrobenzene-d5
Concen: 107.955 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BG036158.D
Acq: 7 Aug 2018 11:48

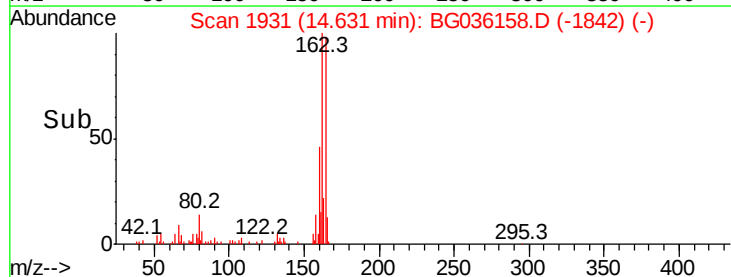
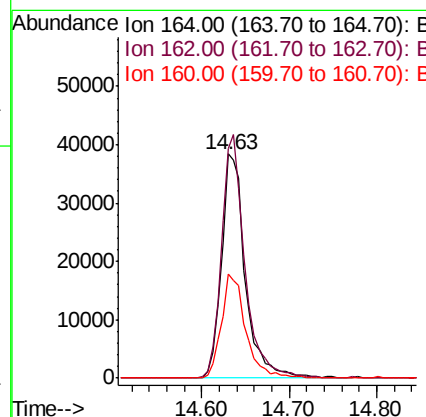
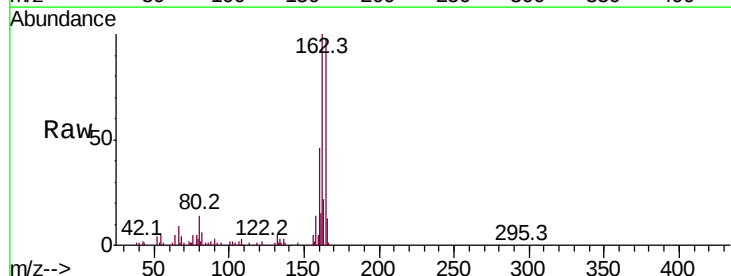
Instrument :
BNA_G
ClientSampleId :
RBR200035

Tot Ion: 82 Resp: 261920
Ion Ratio Lower Upper
82 100
128 34.0 29.7 44.5
54 43.1 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG036158.D
Acq: 7 Aug 2018 11:48

Tgt Ion:164 Resp: 72267
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 46.7 35.4 53.0

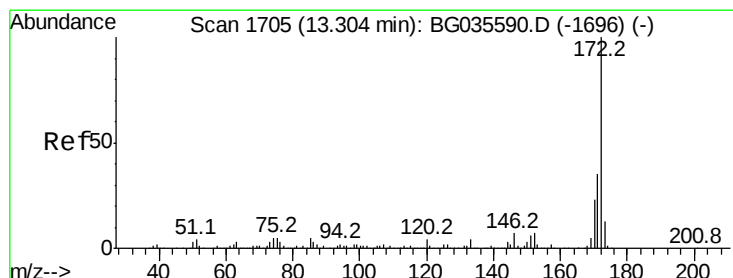
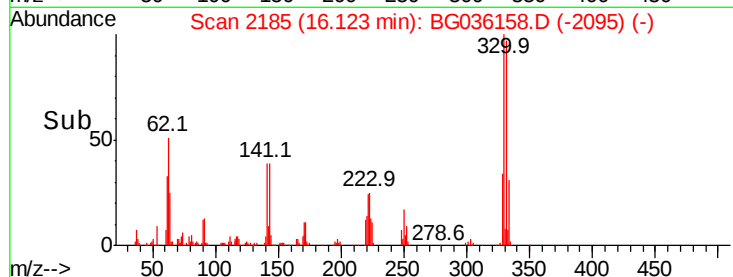
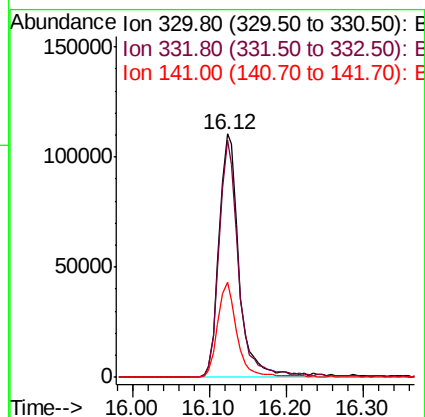
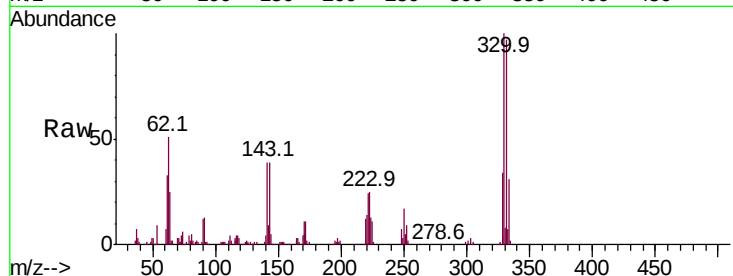




#41
 2,4,6-Tribromophenol
 Concen: 209.707 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG036158.D
 Acq: 7 Aug 2018 11:48

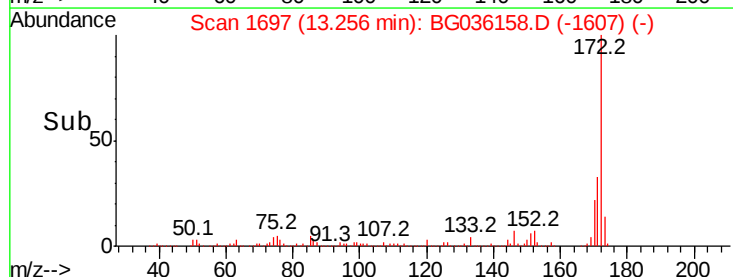
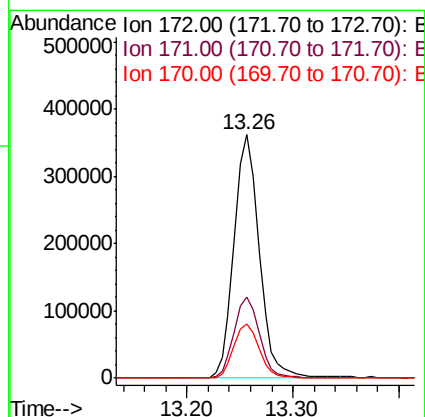
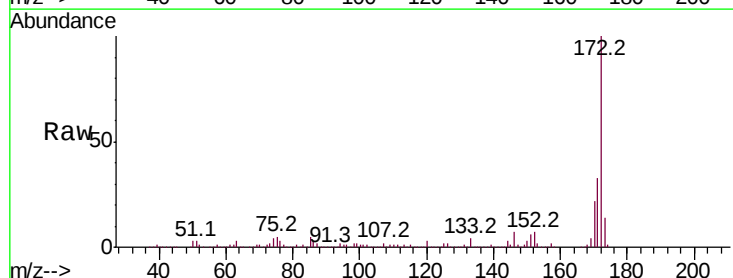
Instrument :
 BNA_G
 ClientSampleId :
 RBR200035

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.0	115.6
141	37.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 111.066 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG036158.D
 Acq: 7 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.0	45.0
170	22.5	19.5	29.3

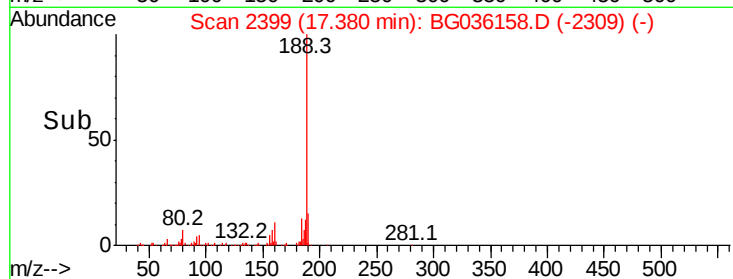
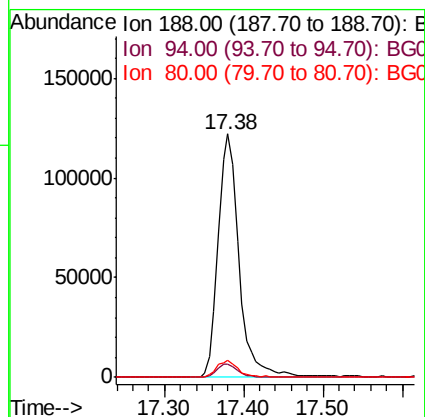
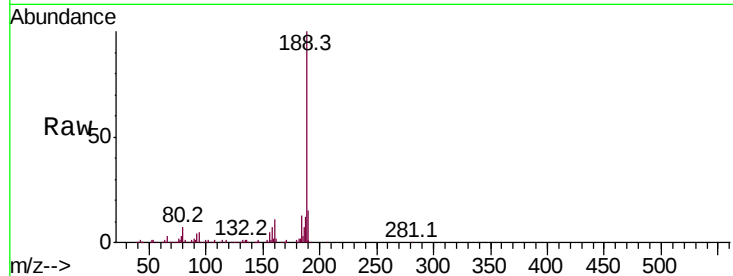




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG036158.D
Acq: 7 Aug 2018 11:48

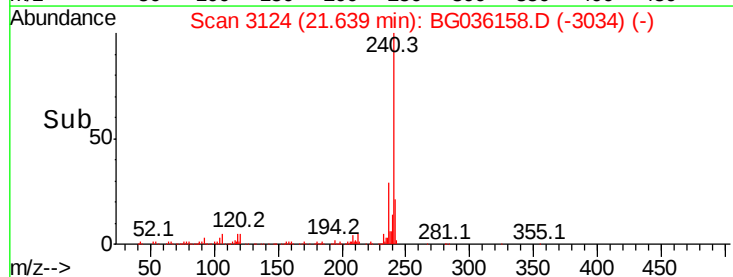
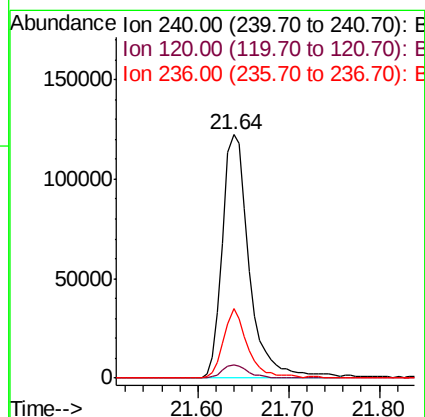
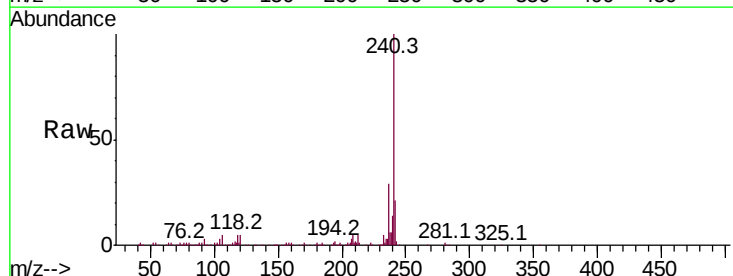
Instrument :
BNA_G
ClientSampleId :
RBR200035

Tot Ion:188 Resp: 224039
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 7.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG036158.D
Acq: 7 Aug 2018 11:48

Tgt Ion:240 Resp: 252622
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 28.8 20.9 31.3





#78

Terphenyl-d14

Concen: 117.820 ng

RT: 19.99 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BG036158.D

Acq: 7 Aug 2018 11:48

Instrument :

BNA_G

ClientSampleId :

RBR200035

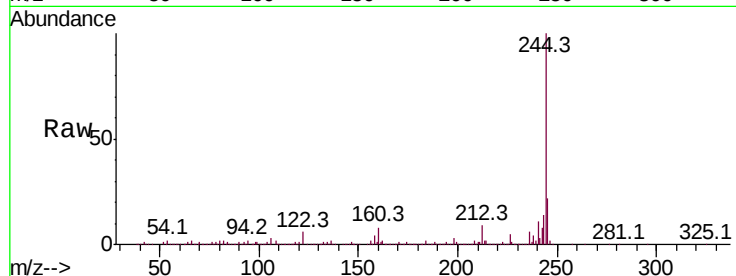
Tot Ion:244 Resp: 1350262

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

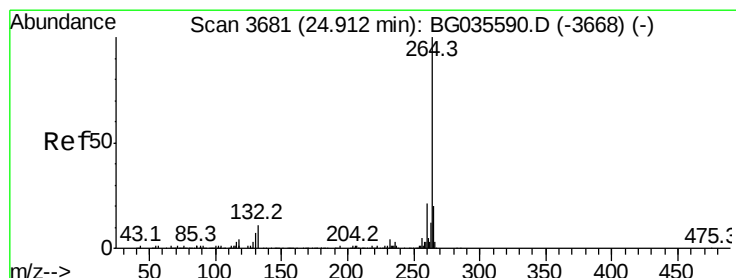
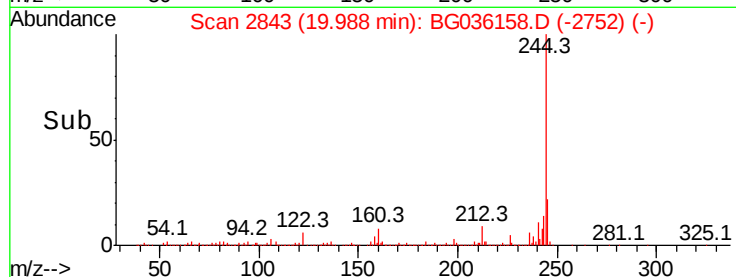
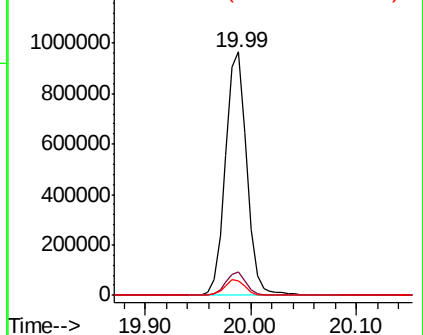
122 6.2 7.0 10.4#



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: 24.83 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BG036158.D

Acq: 7 Aug 2018 11:48

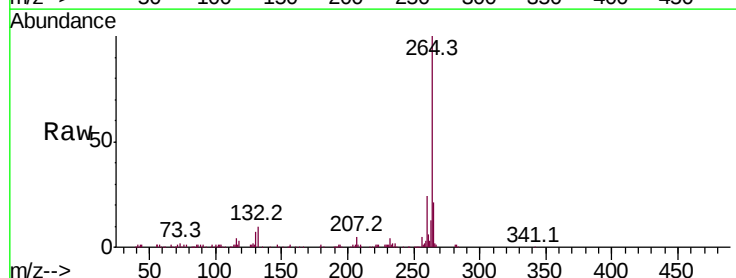
Tgt Ion:264 Resp: 238785

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 20.7 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

