

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035641.D
 Acq On : 13 Jul 2018 22:40
 Operator : JU/SJ
 Sample : PB111092BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BL

Quant Time: Jul 14 01:17:16 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	42593	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	164708	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	122623	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	349523	20.00	ng	0.00
75) Chrysene-d12	21.68	240	375854	20.00	ng	0.00
86) Perylene-d12	24.91	264	349955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	391292	152.52	ng	0.00
7) Phenol-d6	7.22	99	580755	151.73	ng	0.00
23) Nitrobenzene-d5	9.22	82	373229	94.66	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	249173	154.17	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	867162	94.74	ng	0.00
78) Terphenyl-d14	20.02	244	1655565	97.10	ng	0.00

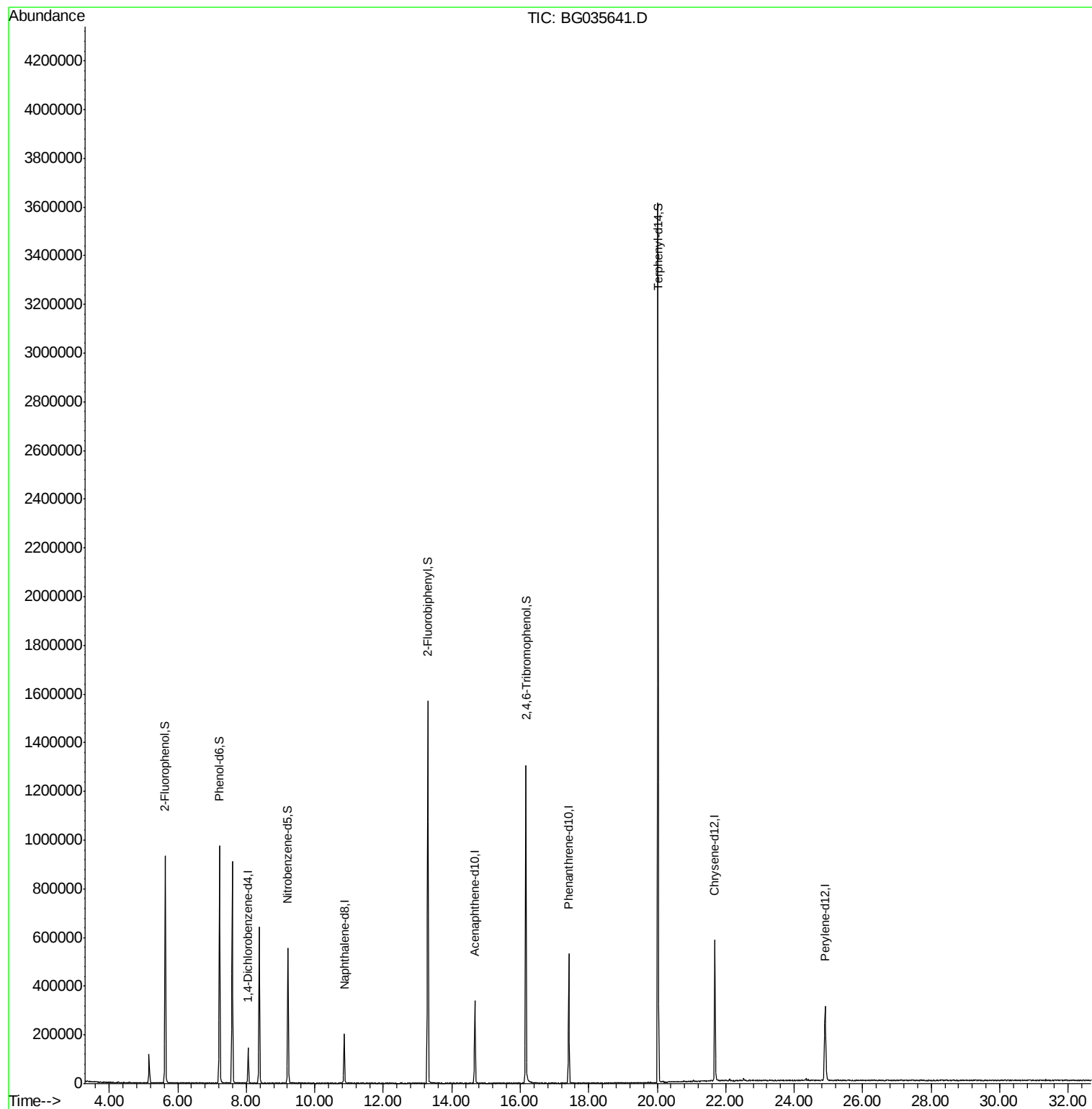
Target Compounds Qvalue

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

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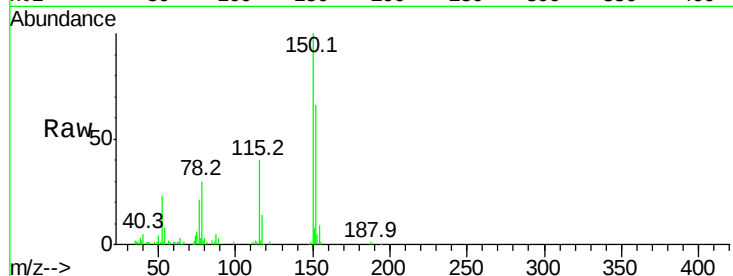


#1

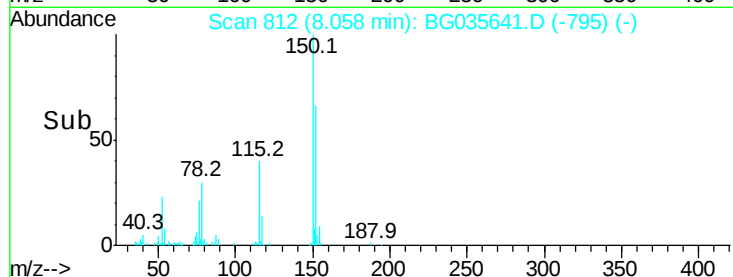
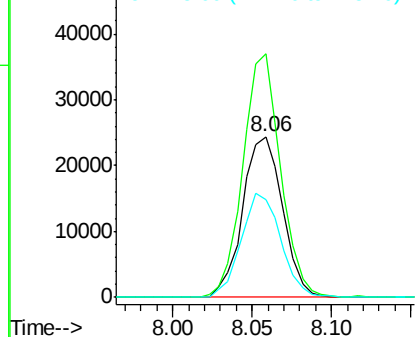
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Instrument :
BNA_G
ClientSampleId :
PB111092BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.6	189.8
115	60.5	53.0	79.4



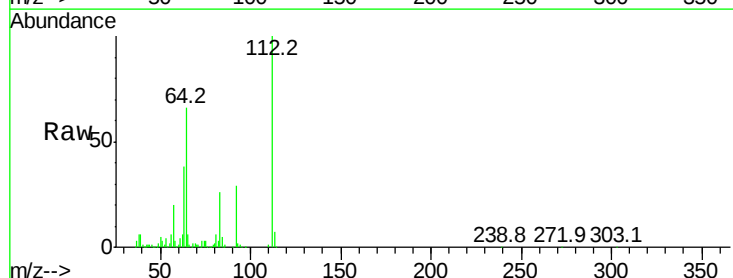
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



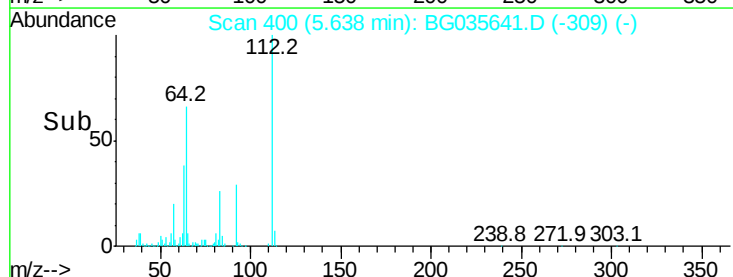
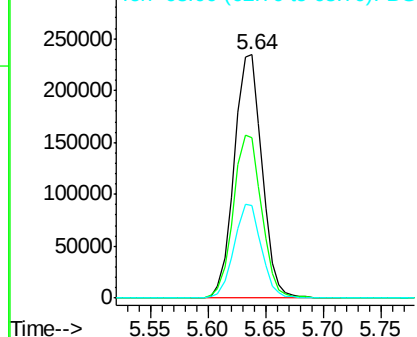
#5

2-Fluorophenol
Concen: 152.522 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	56.3	84.5
63	37.8	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: 151.726 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035641.D

Acq: 13 Jul 2018 22:40

Instrument :

BNA_G

ClientSampleId :

PB111092BL

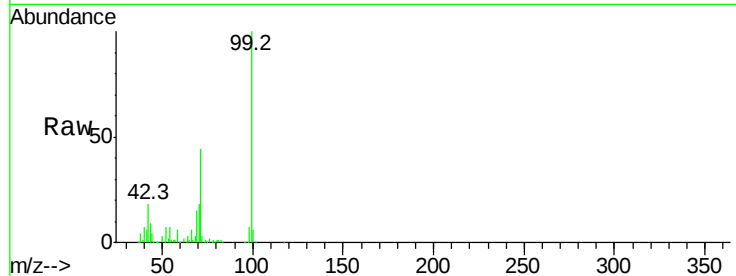
Tot Ion: 99 Resp: 580755

Ion Ratio Lower Upper

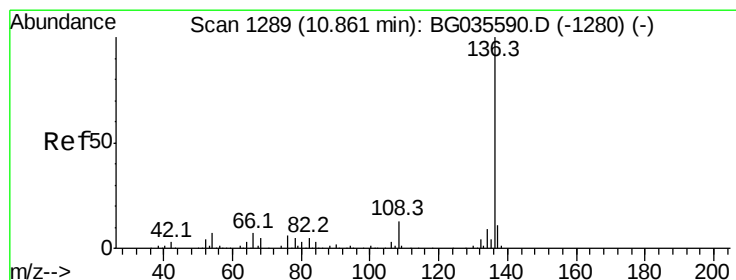
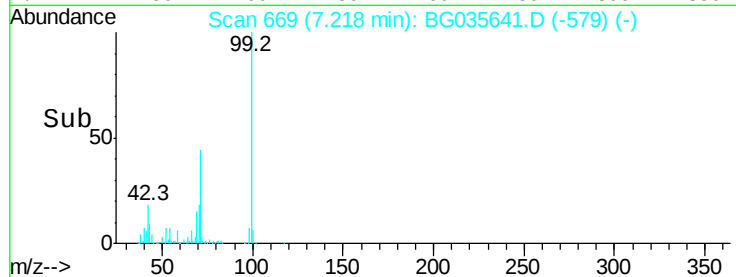
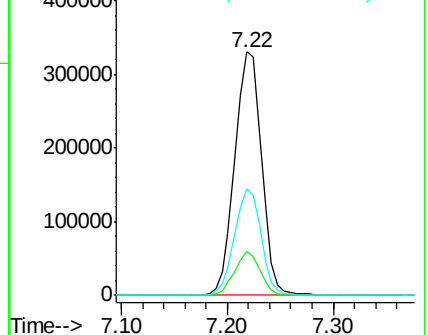
99 100

42 17.9 14.1 21.1

71 43.9 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# 1289

Delta R.T. -0.00 min

Lab File: BG035641.D

Acq: 13 Jul 2018 22:40

Tgt Ion: 136 Resp: 164708

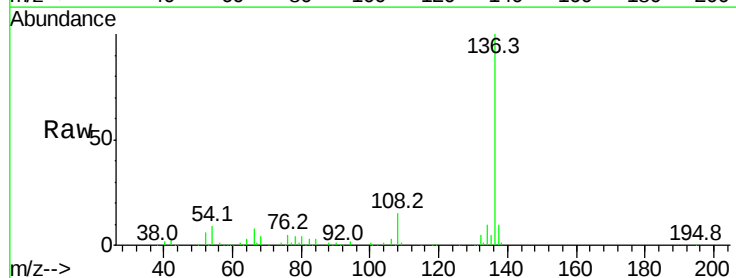
Ion Ratio Lower Upper

136 100

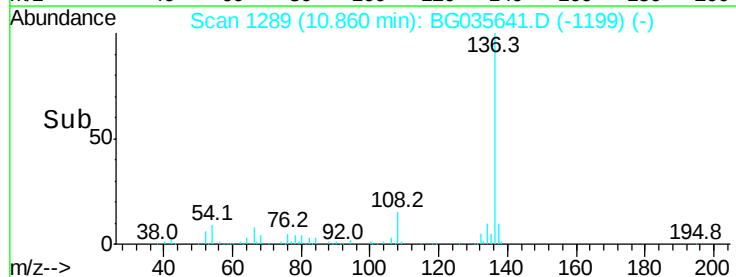
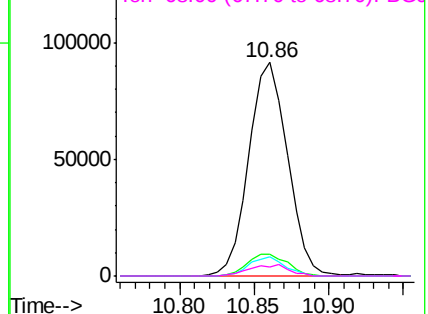
137 10.0 9.2 13.8

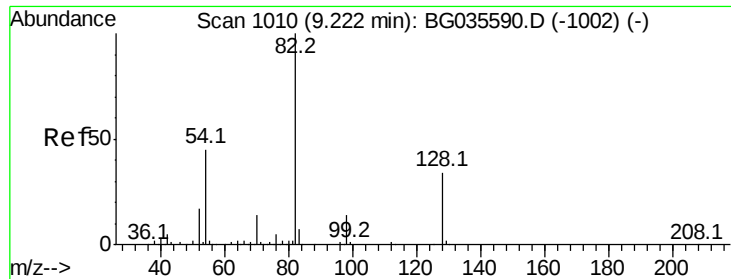
54 8.9 10.3 15.5#

68 4.2 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

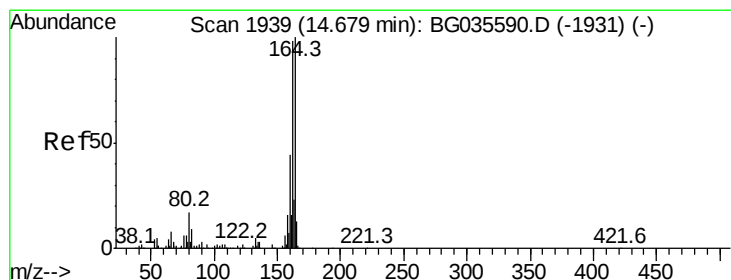
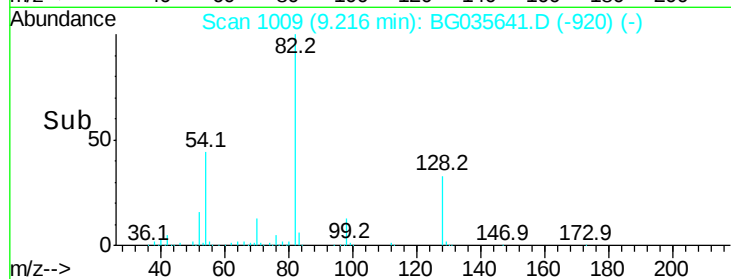
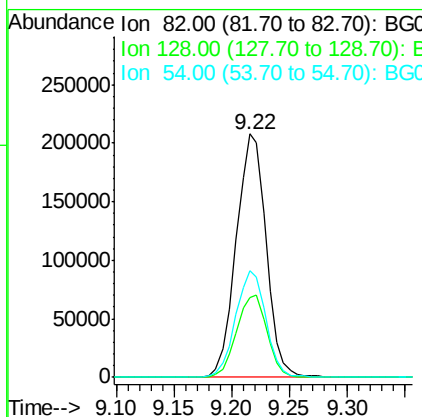
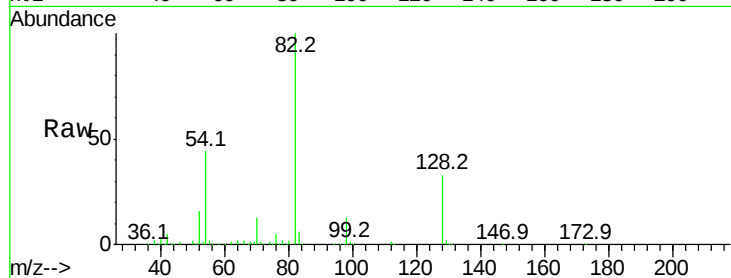




#23
 Nitrobenzene-d5
 Concen: 94.662 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035641.D
 Acq: 13 Jul 2018 22:40

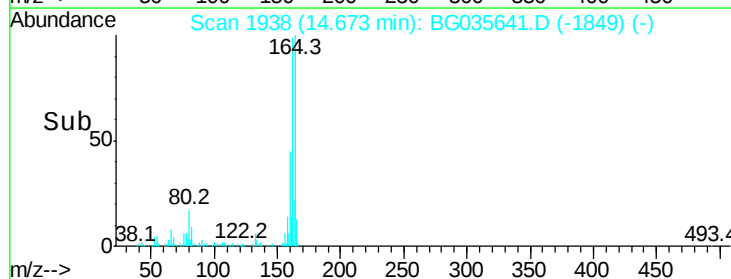
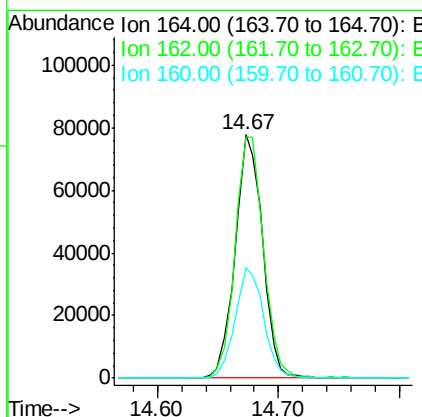
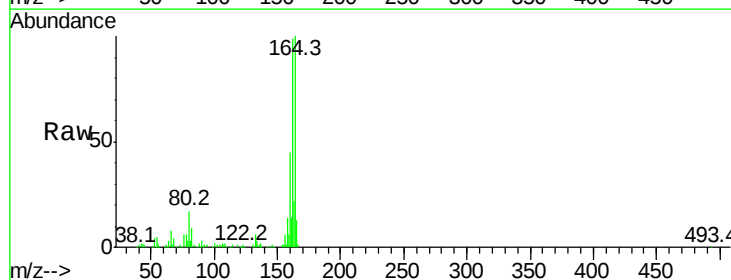
Instrument :
 BNA_G
 ClientSampled :
 PB111092BL

Tot Ion	82	Resp	373229
Ion Ratio	100	Lower	Upper
128	32.7	29.7	44.5
54	43.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG035641.D
 Acq: 13 Jul 2018 22:40

Tgt Ion	164	Resp	122623
Ion Ratio	100	Lower	Upper
162	99.1	78.8	118.2
160	45.3	35.4	53.0

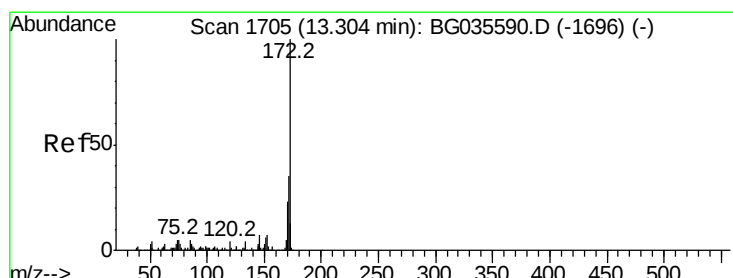
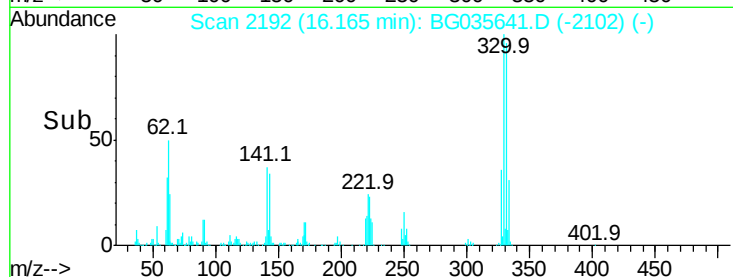
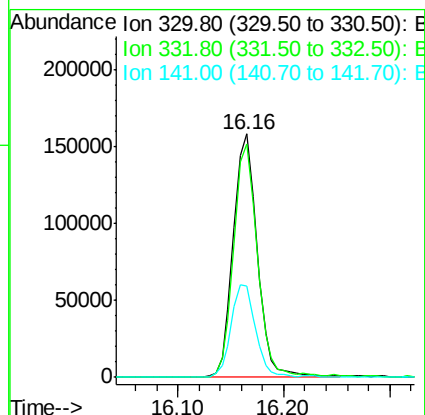
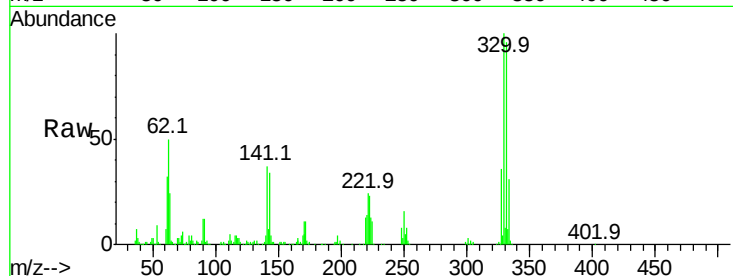




#41
2,4,6-Tribromophenol
Concen: 154.167 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

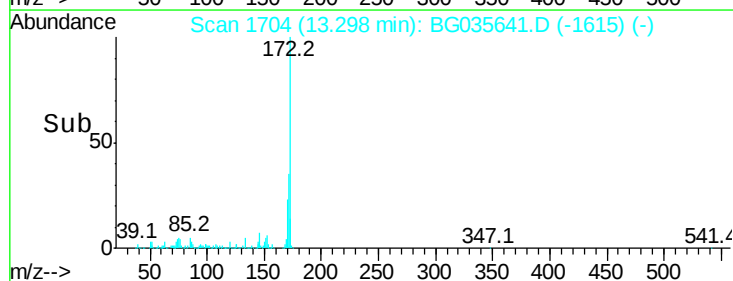
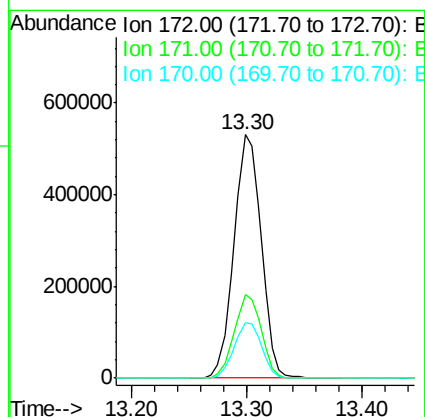
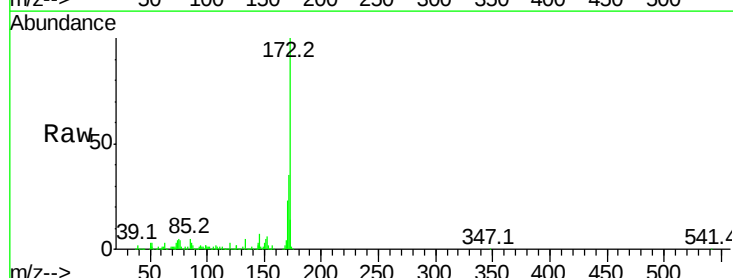
Instrument :
BNA_G
ClientSampleId :
PB111092BL

Tot Ion:330 Resp: 249173
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 38.4 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 94.743 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Tgt Ion:172 Resp: 867162
Ion Ratio Lower Upper
172 100
171 34.5 30.0 45.0
170 22.9 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG035641.D

Acq: 13 Jul 2018 22:40

Instrument :

BNA_G

ClientSampleId :

PB111092BL

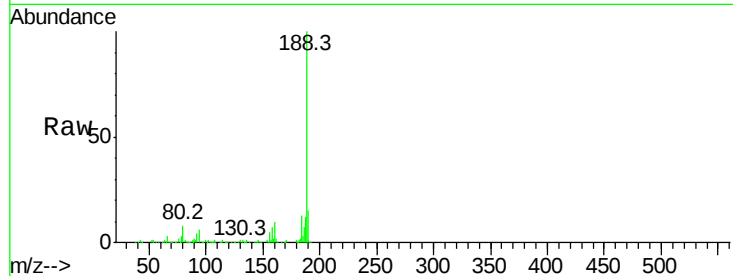
Tot Ion:188 Resp: 349523

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

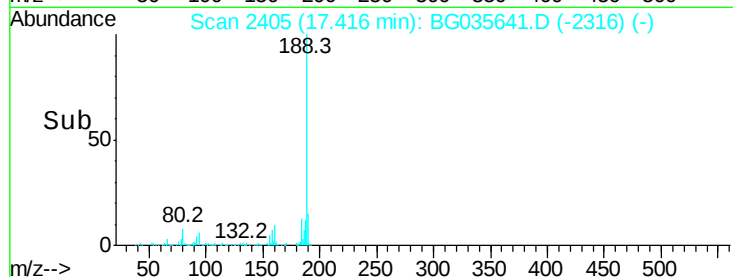
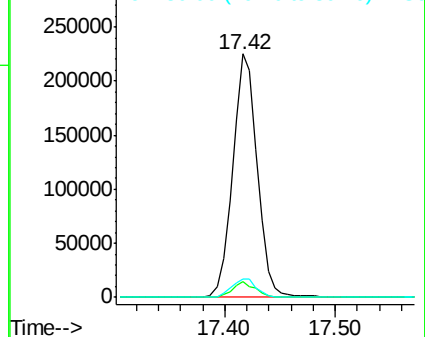
80 7.7 7.7 11.5



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: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG035641.D

Acq: 13 Jul 2018 22:40

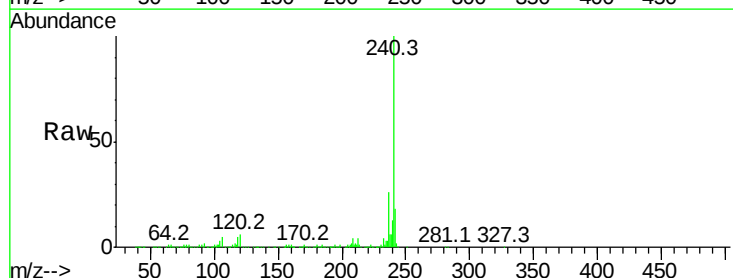
Tgt Ion:240 Resp: 375854

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

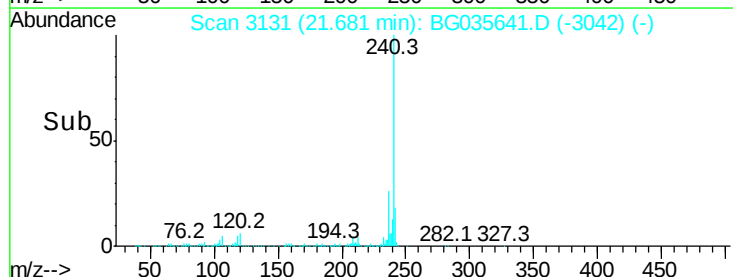
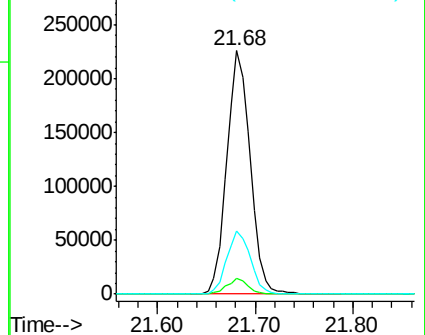
236 25.8 20.9 31.3

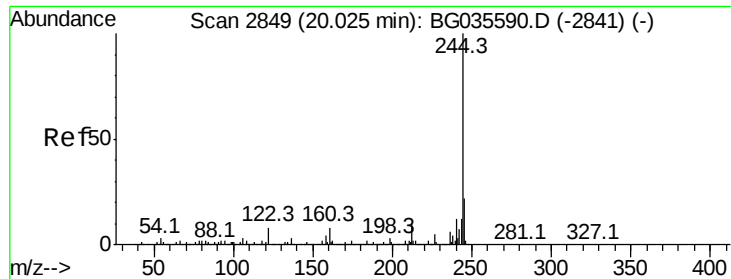


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.095 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035641.D

Acq: 13 Jul 2018 22:40

Instrument :

BNA_G

ClientSampleId :

PB111092BL

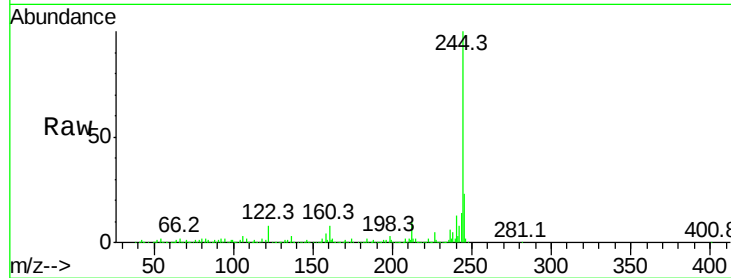
Tot Ion:244 Resp: 1655565

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

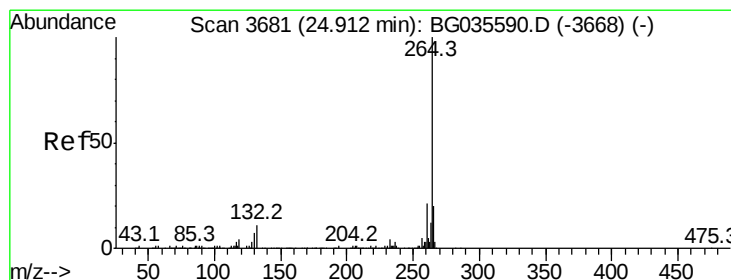
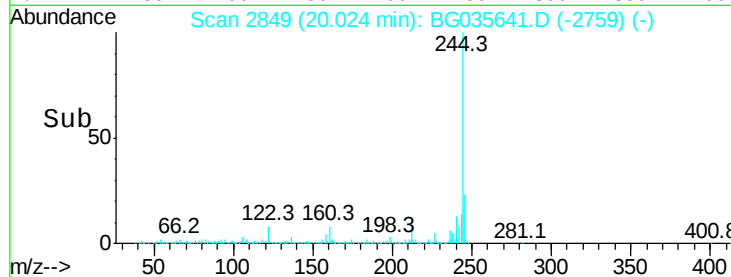
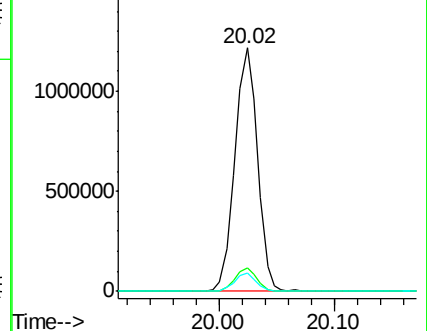
122 7.6 7.0 10.4



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. -0.01 min

Lab File: BG035641.D

Acq: 13 Jul 2018 22:40

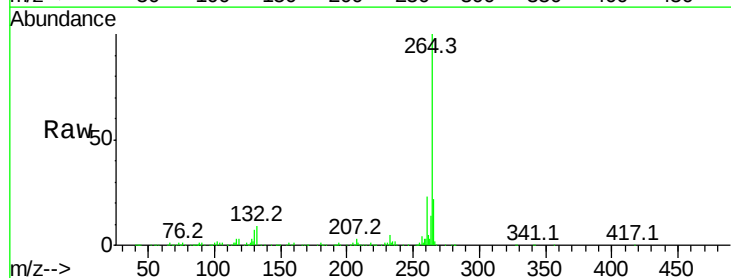
Tgt Ion:264 Resp: 349955

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.5 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

