

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036130.D
 Acq On : 6 Aug 2018 16:48
 Operator : JU/SJ
 Sample : J4313-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-6

Quant Time: Aug 06 18:41:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

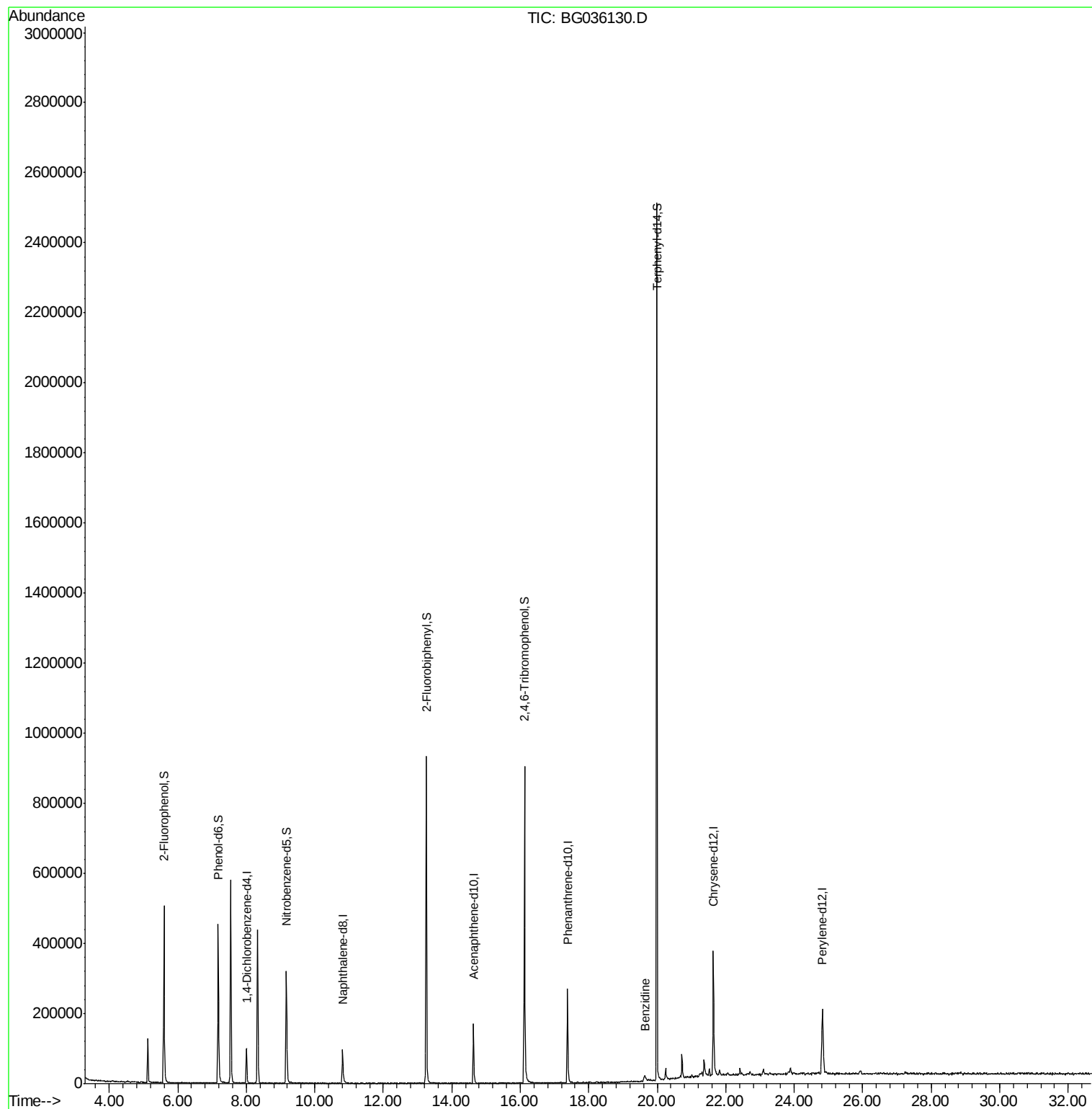
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28700	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	95978	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	67223	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	202404	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	244686	20.00	ng	-0.02
86) Perylene-d12	24.82	264	216087	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	231504	133.92	ng	0.00
7) Phenol-d6	7.18	99	287577	111.50	ng	-0.01
23) Nitrobenzene-d5	9.17	82	238215	103.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	185680	209.56	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	530315	105.69	ng	-0.02
78) Terphenyl-d14	19.99	244	1248357	112.46	ng	-0.01
Target Compounds						
76) Benzidine	19.64	184	28389	4.413	ng	Qvalue 97

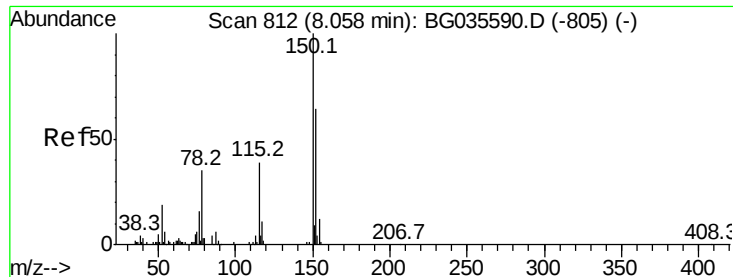
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036130.D
Acq On : 6 Aug 2018 16:48
Operator : JU/SJ
Sample : J4313-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-6

Quant Time: Aug 06 18:41:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



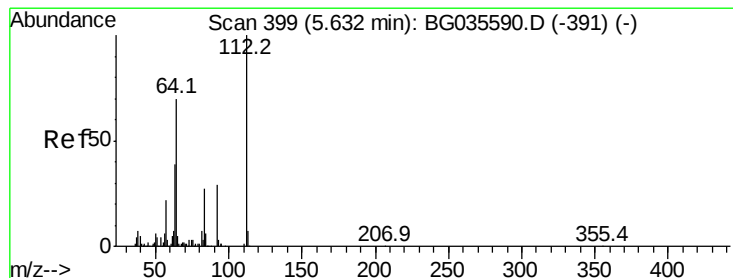
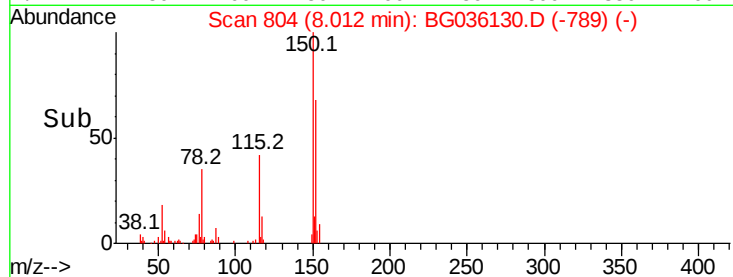
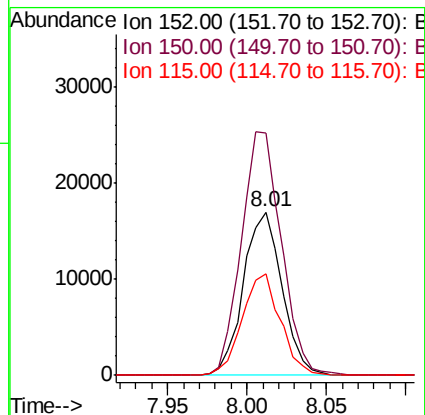
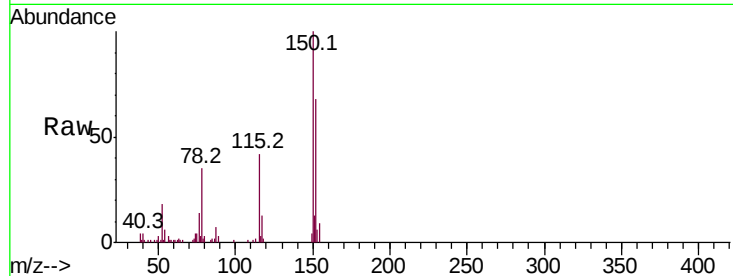


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036130.D
Acq: 6 Aug 2018 16:48

Instrument :
BNA_G
ClientSampleId :
C-6

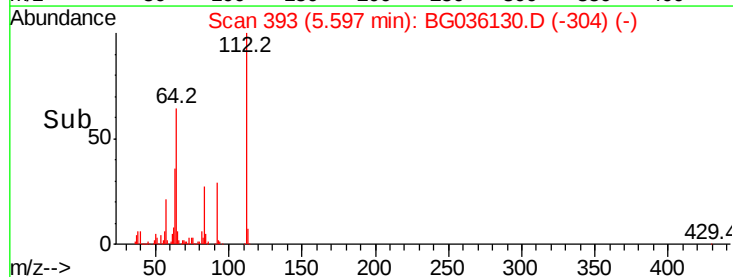
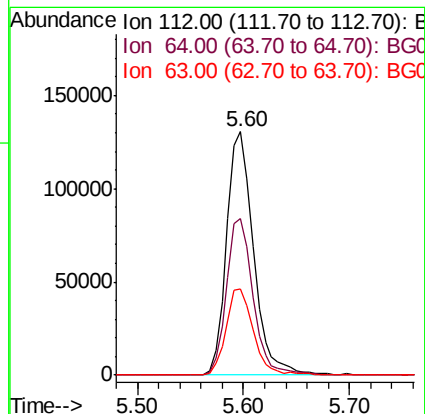
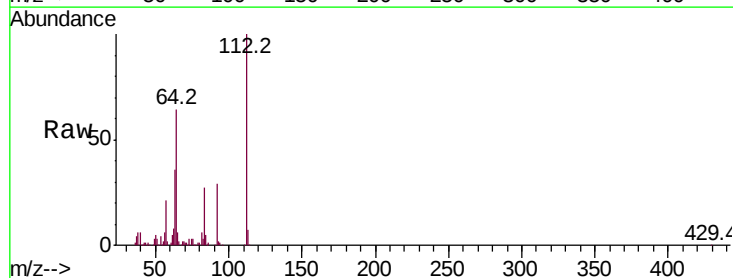
Tot Ion:152 Resp: 28700
Ion Ratio Lower Upper
152 100
150 148.1 126.6 189.8
115 62.1 53.0 79.4

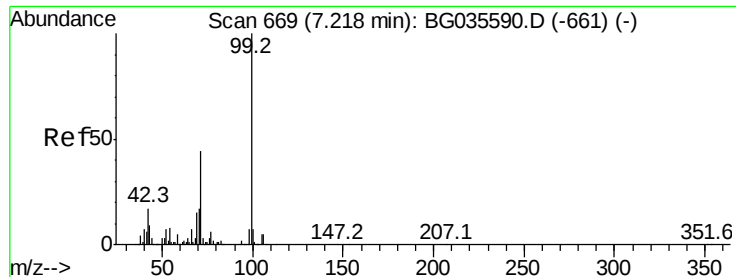


#5

2-Fluorophenol
Concen: 133.920 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036130.D
Acq: 6 Aug 2018 16:48

Tgt Ion:112 Resp: 231504
Ion Ratio Lower Upper
112 100
64 64.4 56.3 84.5
63 35.5 30.1 45.1





#7

Phenol-d6

Concen: 111.500 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036130.D

Acq: 6 Aug 2018 16:48

Instrument :

BNA_G

ClientSampleId :

C-6

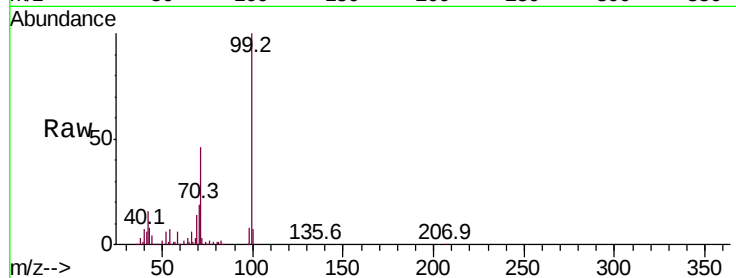
Tot Ion: 99 Resp: 287577

Ion Ratio Lower Upper

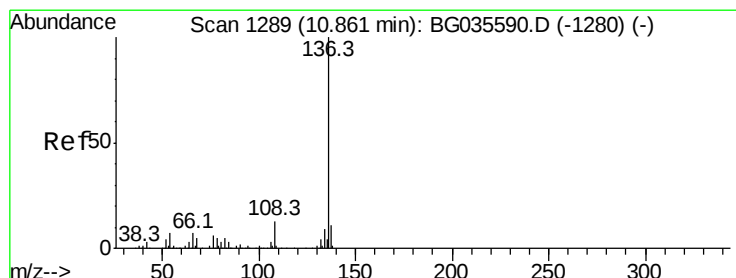
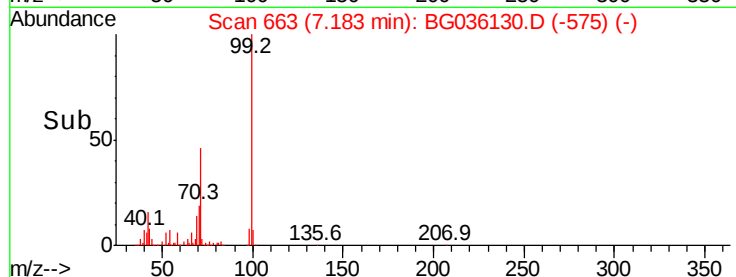
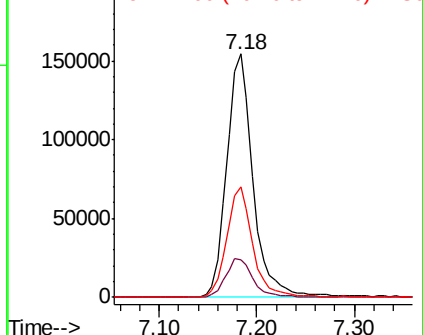
99 100

42 15.5 14.1 21.1

71 45.5 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. -0.02 min

Lab File: BG036130.D

Acq: 6 Aug 2018 16:48

Tgt Ion: 136 Resp: 95978

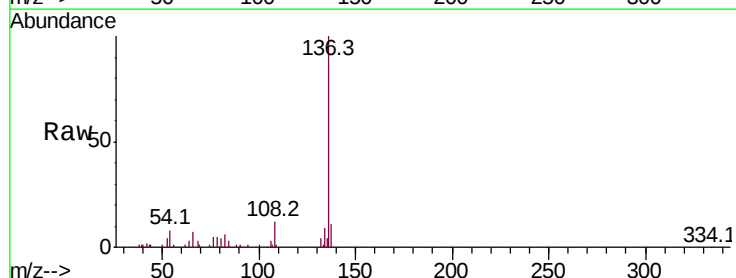
Ion Ratio Lower Upper

136 100

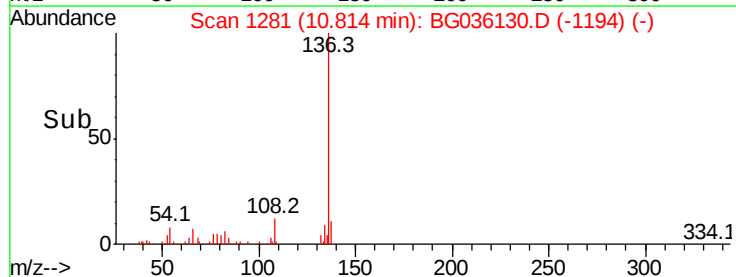
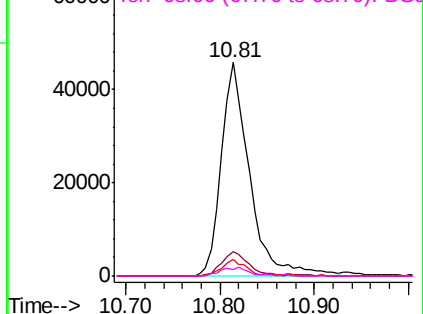
137 11.3 9.2 13.8

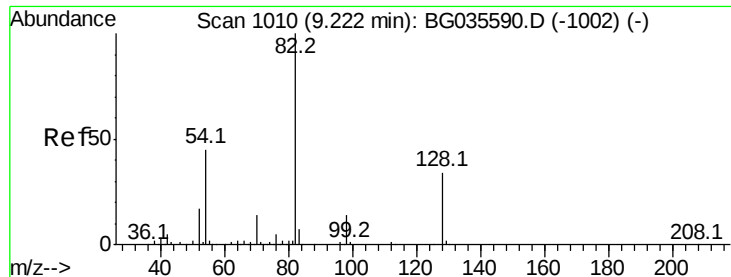
54 7.5 10.3 15.5#

68 3.1 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

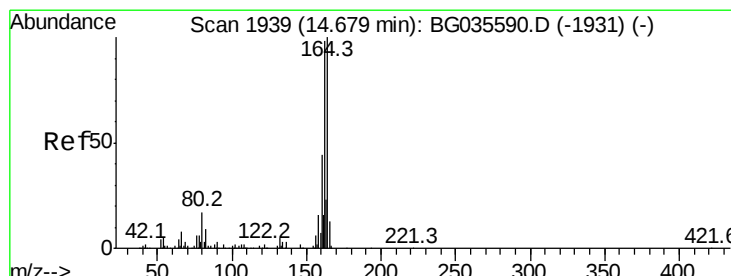
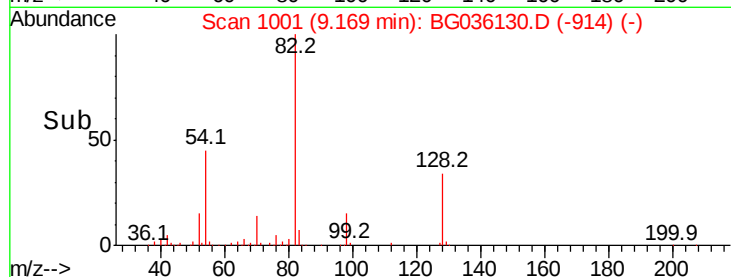
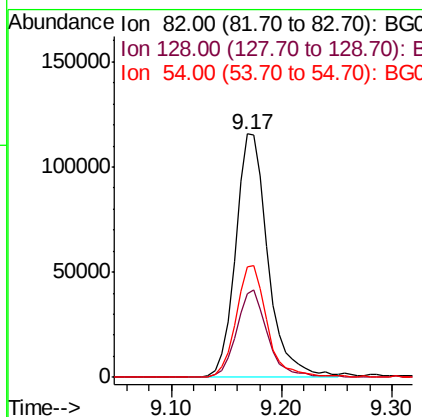
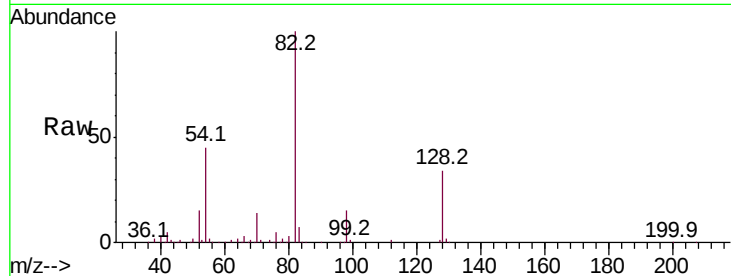




#23
 Nitrobenzene-d5
 Concen: 103.684 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036130.D
 Acq: 6 Aug 2018 16:48

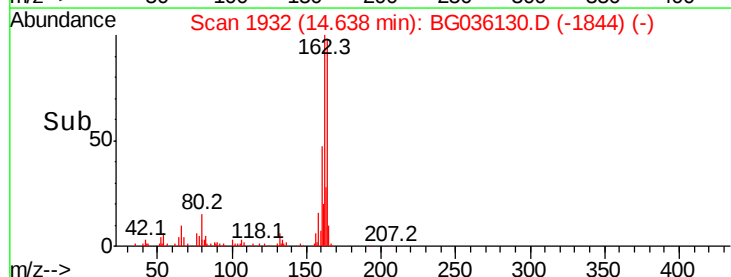
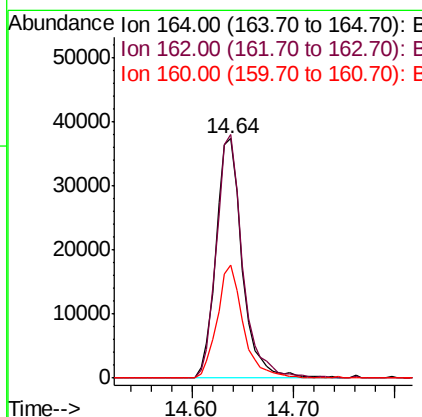
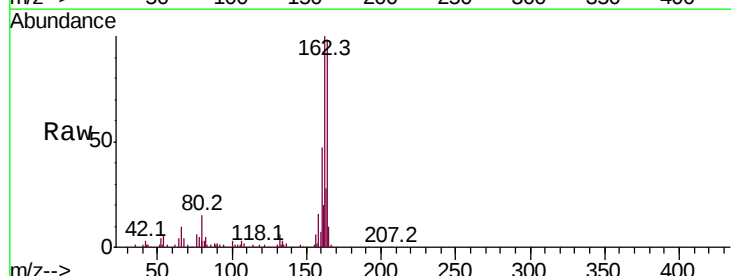
Instrument :
 BNA_G
 ClientSampleId :
 C-6

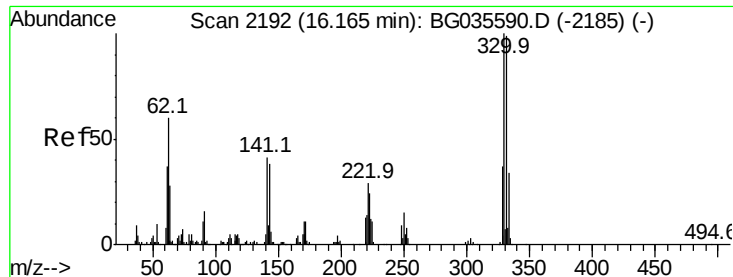
Tot Ion	82	Resp	238215
Ion Ratio	100	Lower	Upper
128	34.2	29.7	44.5
54	45.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036130.D
 Acq: 6 Aug 2018 16:48

Tgt Ion	164	Resp	67223
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.8	78.8	118.2
160	47.5	35.4	53.0

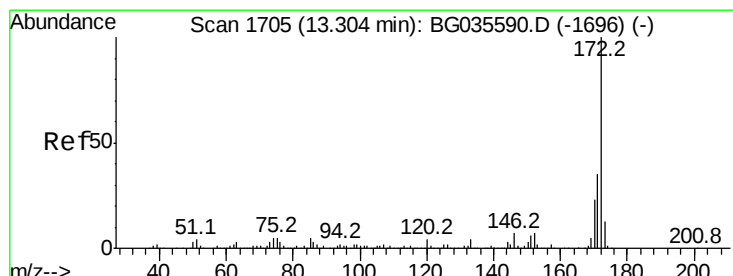
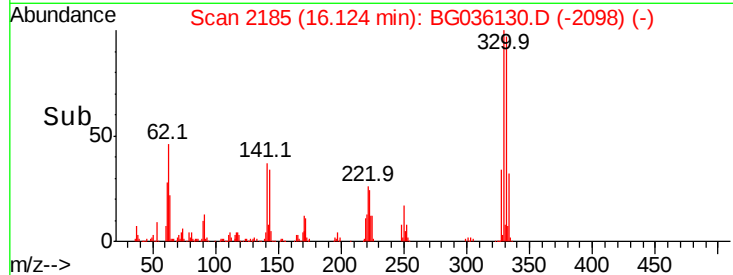
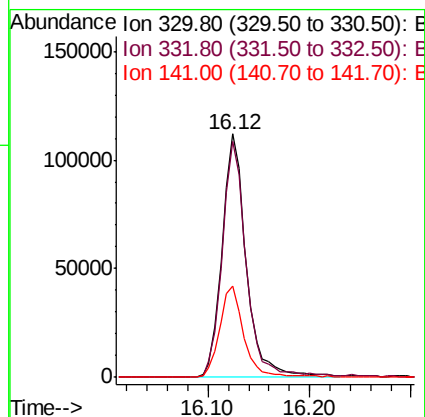
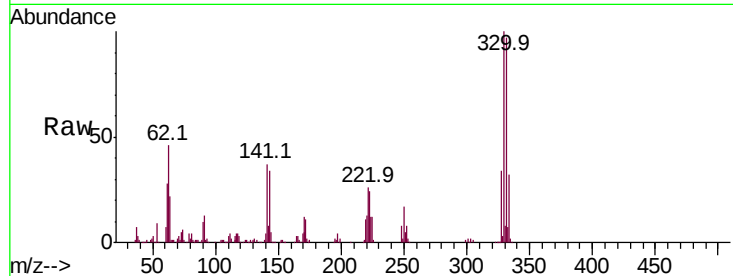




#41
 2,4,6-Tribromophenol
 Concen: 209.561 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036130.D
 Acq: 6 Aug 2018 16:48

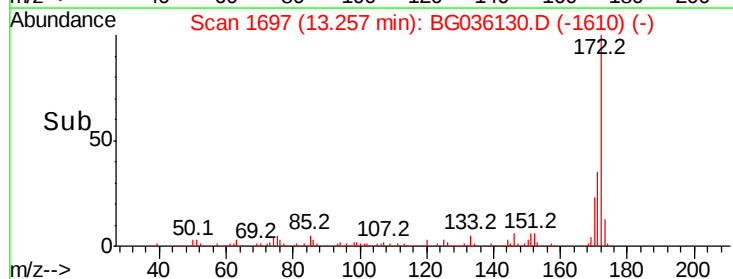
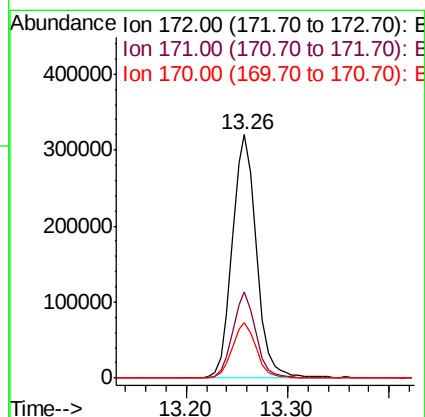
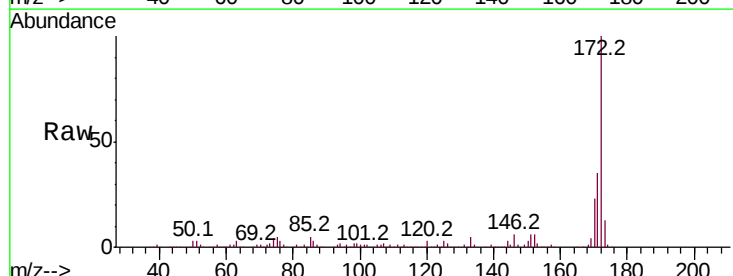
Instrument :
 BNA_G
 ClientSampled :
 C-6

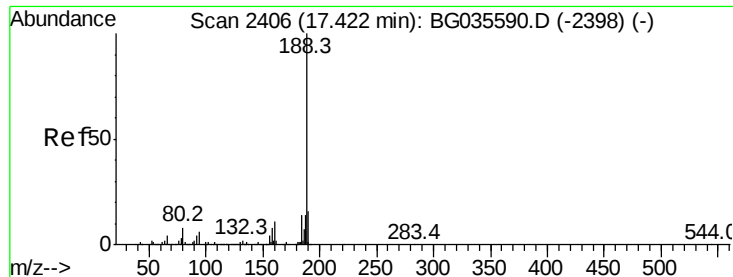
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	36.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 105.691 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036130.D
 Acq: 6 Aug 2018 16:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	22.7	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036130.D

Acq: 6 Aug 2018 16:48

Instrument :

BNA_G

ClientSampleId :

C-6

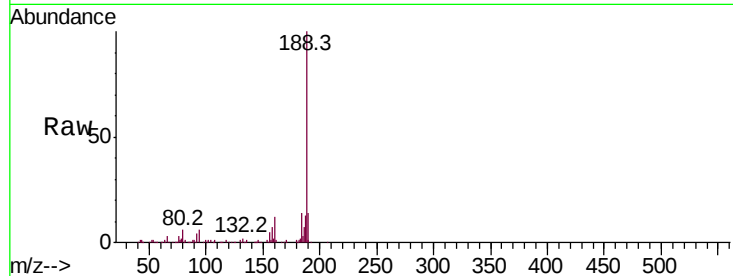
Tot Ion:188 Resp: 202404

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

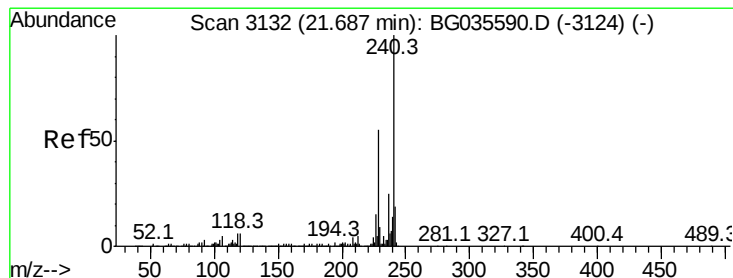
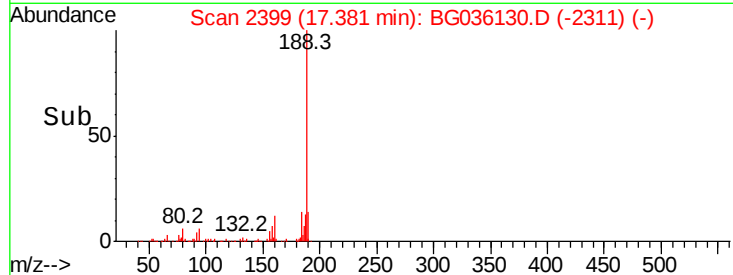
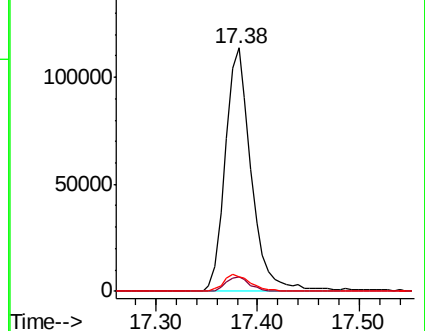
80 6.1 7.7 11.5#



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: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036130.D

Acq: 6 Aug 2018 16:48

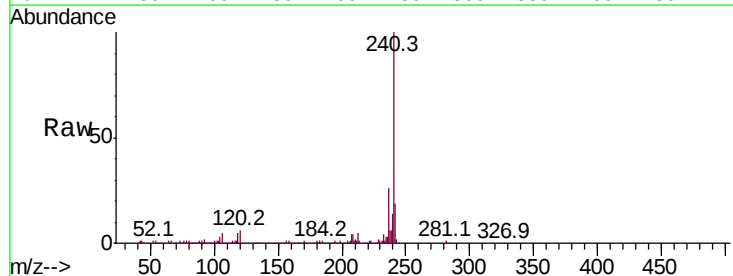
Tgt Ion:240 Resp: 244686

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

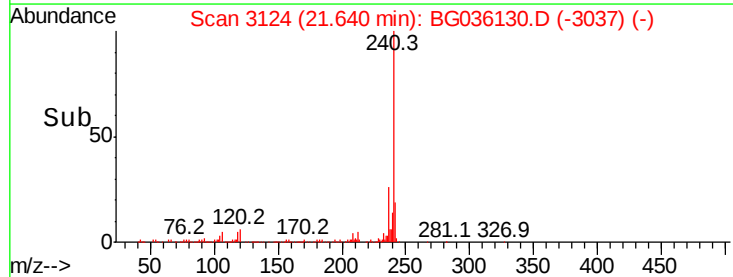
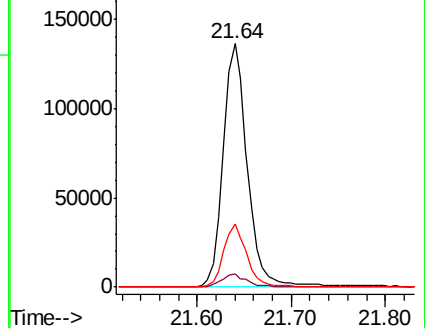
236 25.8 20.9 31.3

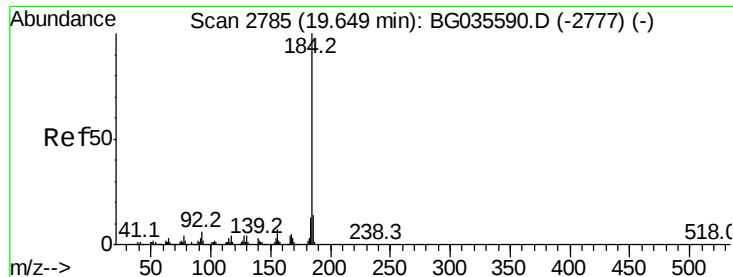


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 4.413 ng

RT: 19.64 min Scan# 2783

Delta R.T. 0.01 min

Lab File: BG036130.D

Acq: 6 Aug 2018 16:48

Instrument :

BNA_G

ClientSampleId :

C-6

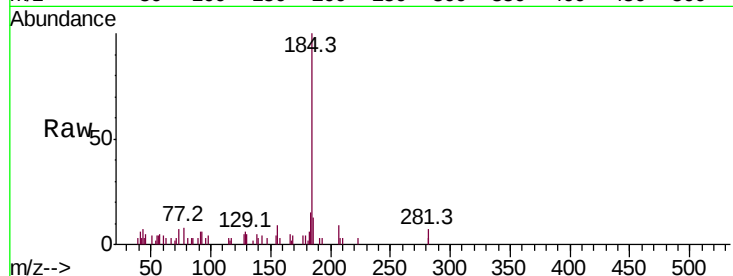
Tot Ion:184 Resp: 28389

Ion Ratio Lower Upper

184 100

185 13.0 11.1 16.7

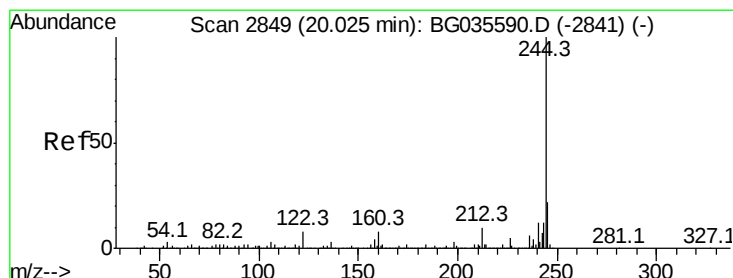
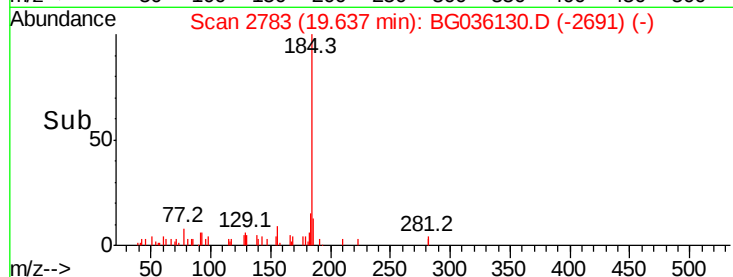
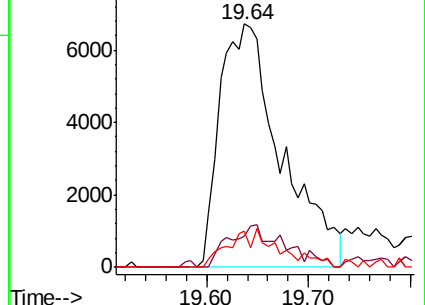
183 14.9 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 112.461 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036130.D

Acq: 6 Aug 2018 16:48

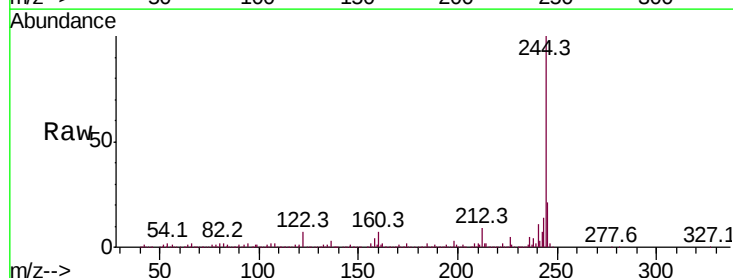
Tgt Ion:244 Resp: 1248357

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

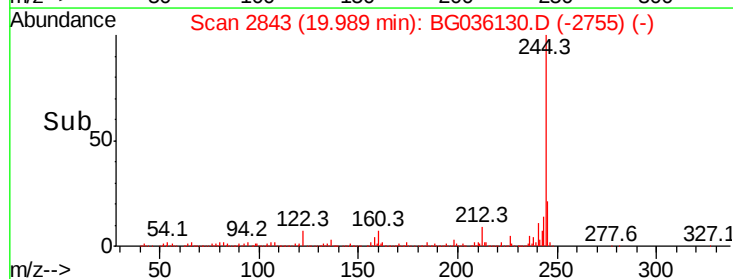
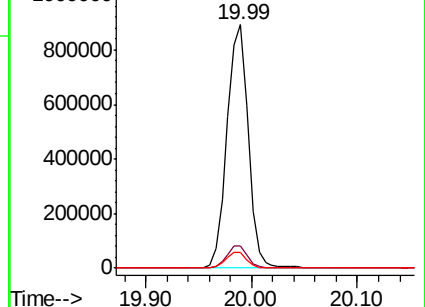
122 6.5 7.0 10.4#

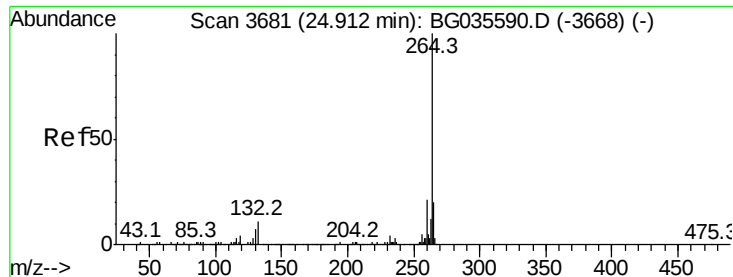


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.82 min Scan# 3666
 Delta R.T. -0.04 min
 Lab File: BG036130.D
 Acq: 6 Aug 2018 16:48

Instrument :
 BNA_G
 ClientSampleId :
 C-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	19.8	17.7	26.5

