

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036223.D
 Acq On : 9 Aug 2018 8:30
 Operator : JU/SJ
 Sample : J4304-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW-A07

Quant Time: Aug 09 10:59:44 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	29120	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	99804	20.00	ng	-0.03
38) Acenaphthene-d10	14.63	164	73605	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	197691	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	218533	20.00	ng	-0.02
86) Perylene-d12	24.83	264	204408	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	126376	72.05	ng	0.00
7) Phenol-d6	7.18	99	110491	42.22	ng	-0.01
23) Nitrobenzene-d5	9.17	82	252763	105.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	179076	184.58	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	569478	103.66	ng	-0.02
78) Terphenyl-d14	19.98	244	1053146	106.23	ng	-0.02

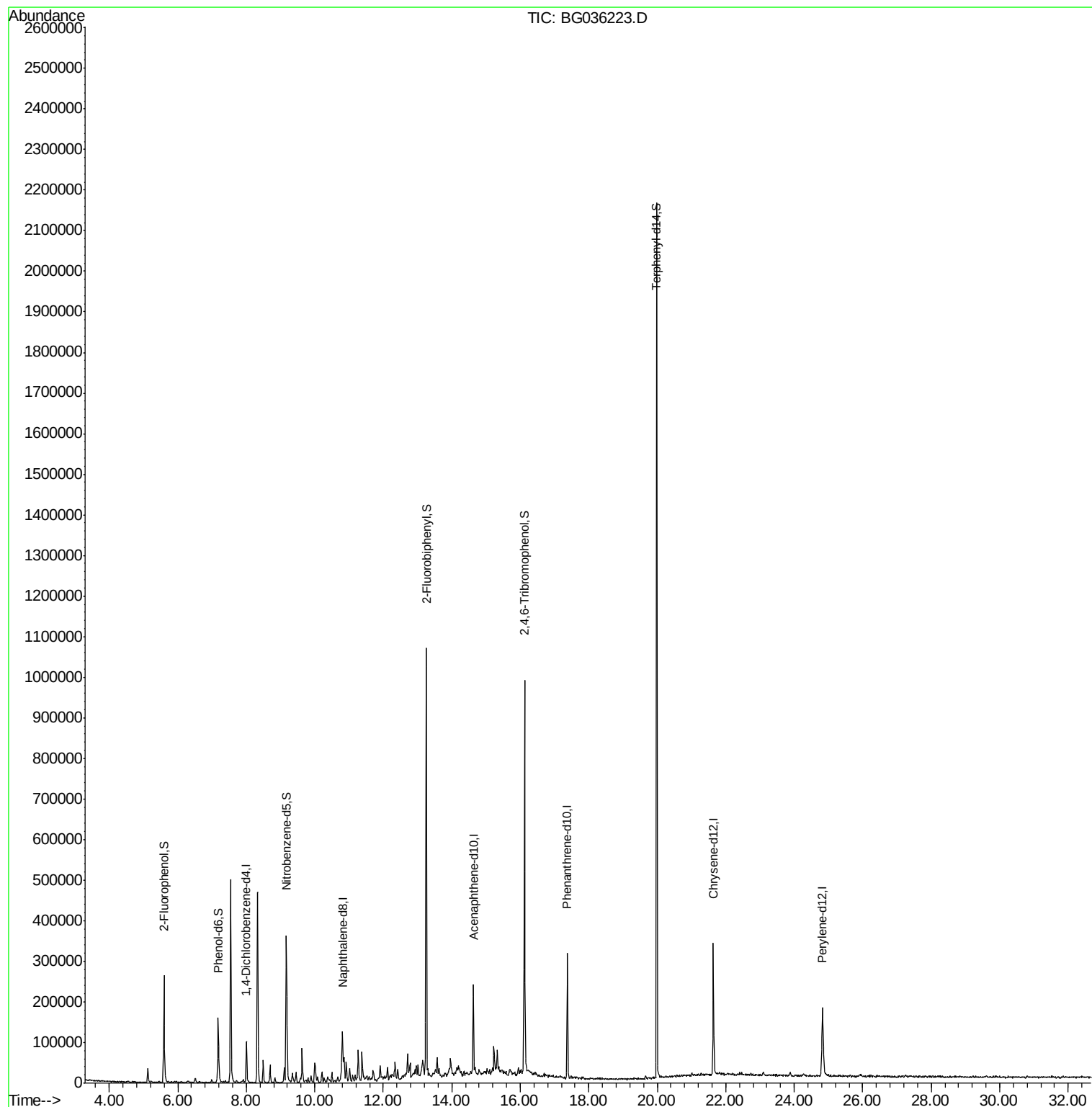
Target Compounds Qvalue

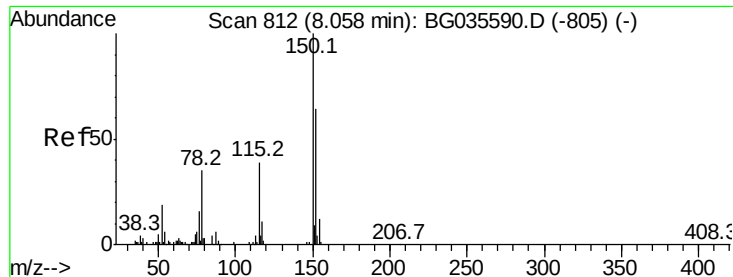
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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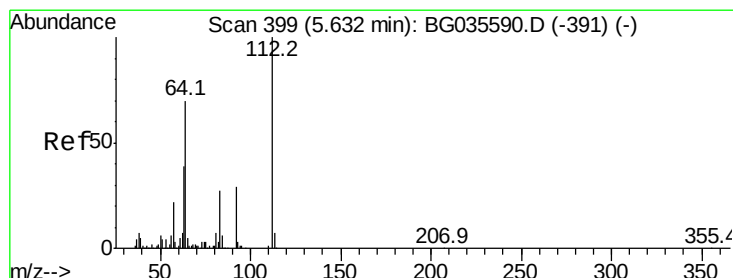
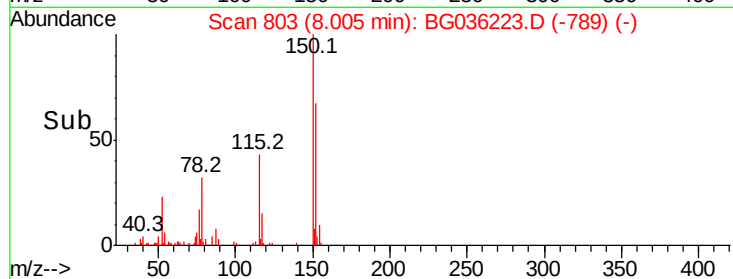
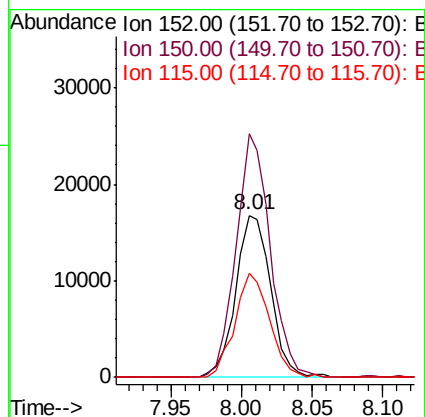
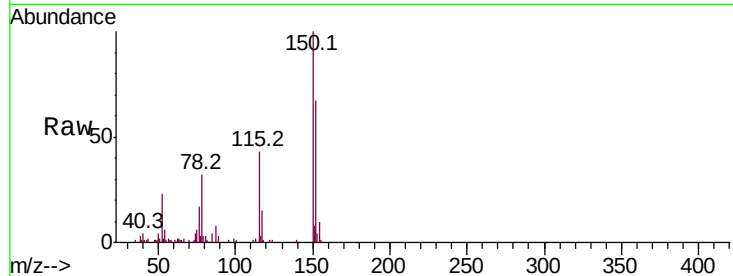


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036223.D
Acq: 9 Aug 2018 8:30

Instrument :
BNA_G
ClientSampleId :
EW-A07

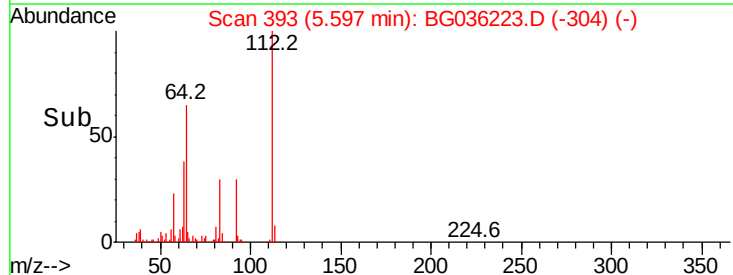
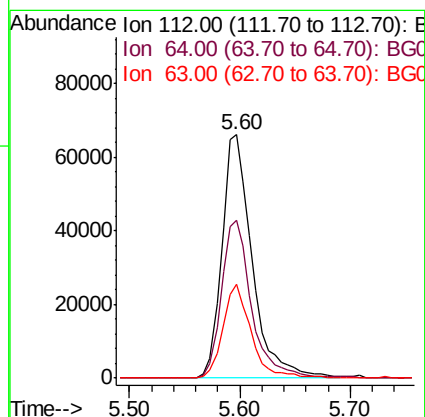
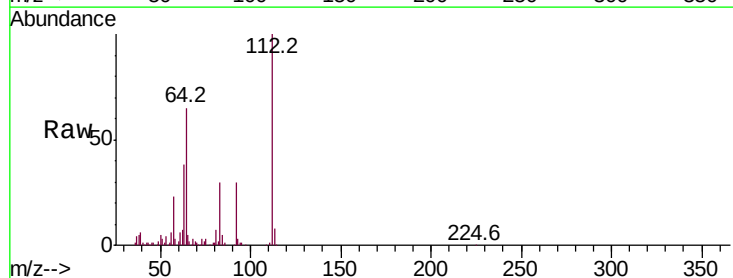
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	126.6	189.8
115	64.3	53.0	79.4

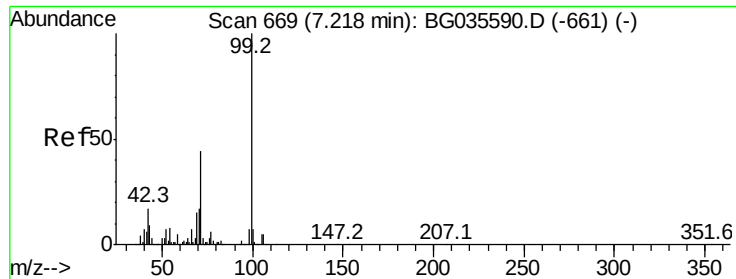


#5

2-Fluorophenol
Concen: 72.051 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036223.D
Acq: 9 Aug 2018 8:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	56.3	84.5
63	38.3	30.1	45.1





#7

Phenol-d6

Concen: 42.222 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036223.D

Acq: 9 Aug 2018 8:30

Instrument :

BNA_G

ClientSampleId :

EW-A07

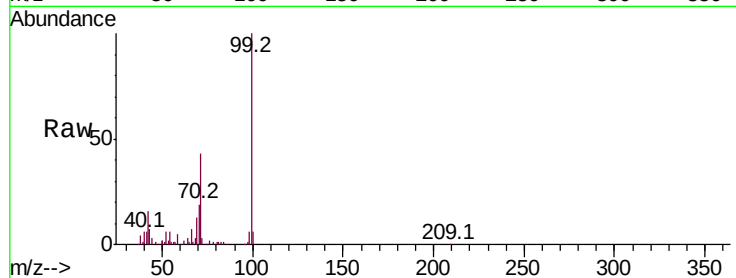
Tot Ion: 99 Resp: 110491

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

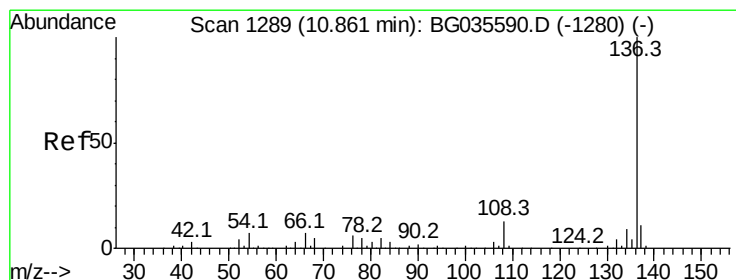
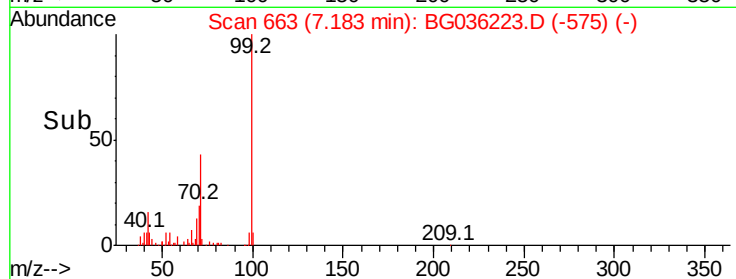
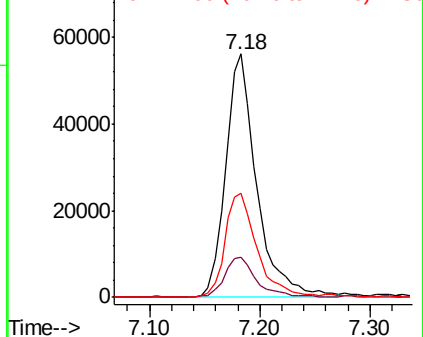
71 42.8 26.1 39.1#



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: 10.81 min Scan# 1280

Delta R.T. -0.03 min

Lab File: BG036223.D

Acq: 9 Aug 2018 8:30

Tgt Ion: 136 Resp: 99804

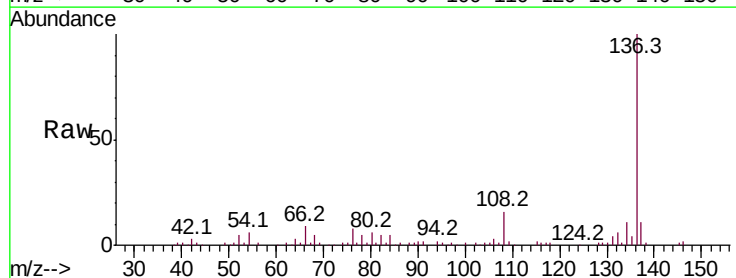
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 6.3 10.3 15.5#

68 5.3 4.5 6.7

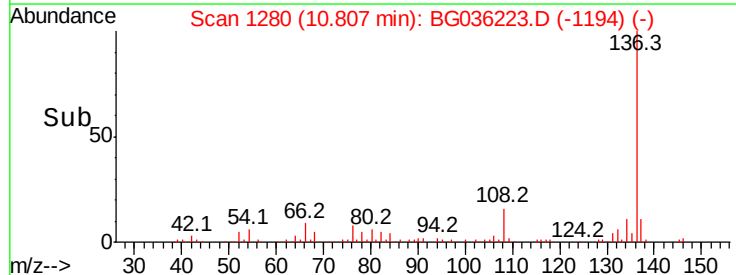
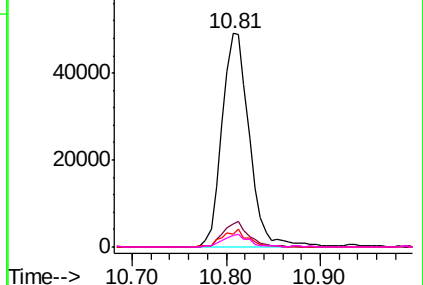


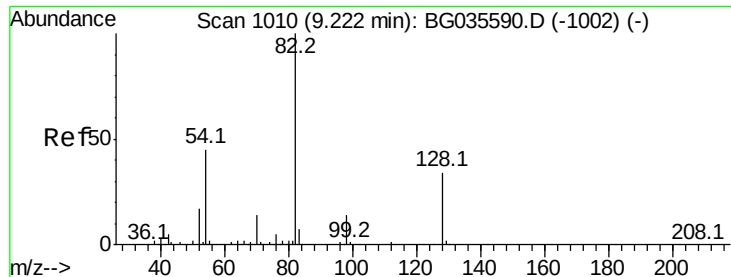
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 105.798 ng

RT: 9.17 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG036223.D

Acq: 9 Aug 2018 8:30

Instrument :

BNA_G

ClientSampleId :

EW-A07

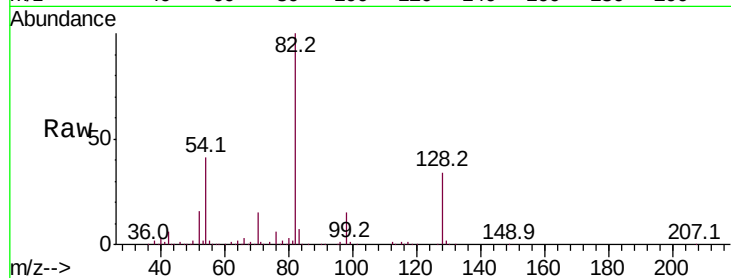
Tot Ion: 82 Resp: 252763

Ion Ratio Lower Upper

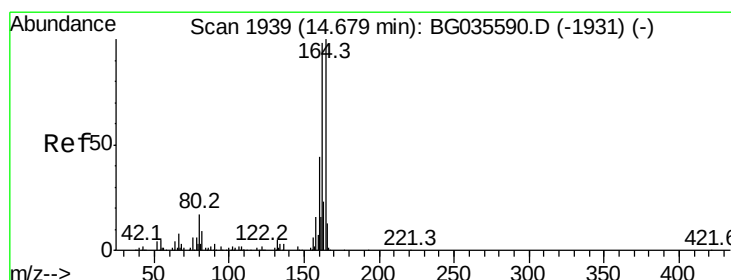
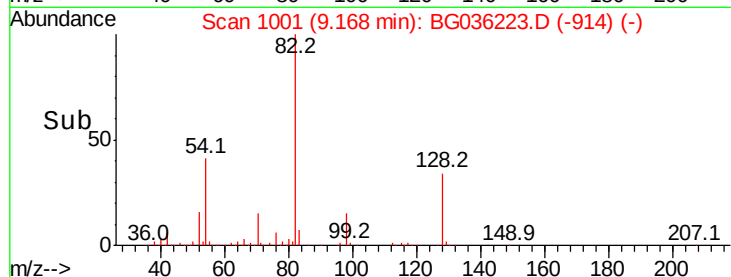
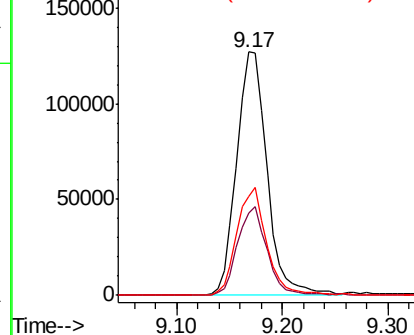
82 100

128 33.9 29.7 44.5

54 40.6 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: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036223.D

Acq: 9 Aug 2018 8:30

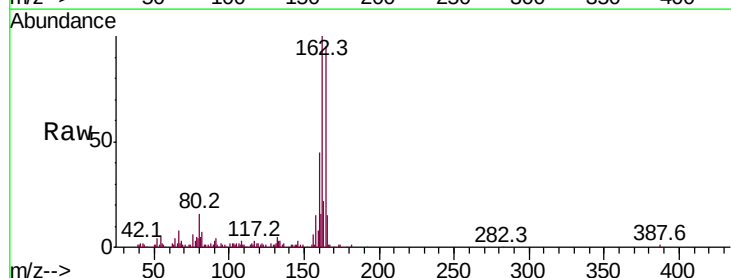
Tgt Ion:164 Resp: 73605

Ion Ratio Lower Upper

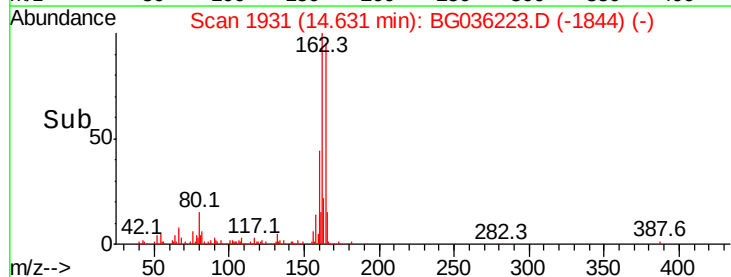
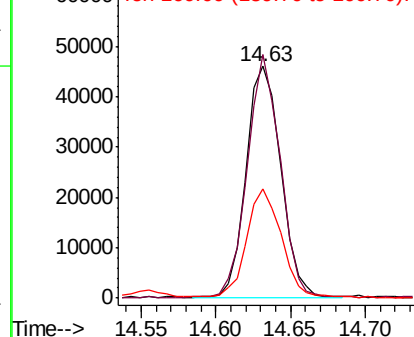
164 100

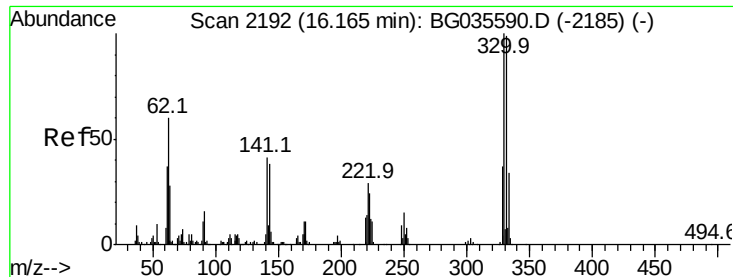
162 105.1 78.8 118.2

160 47.0 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

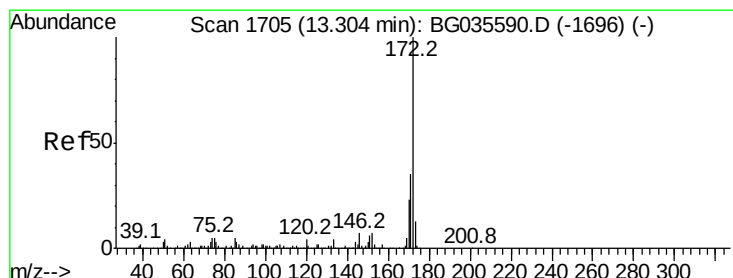
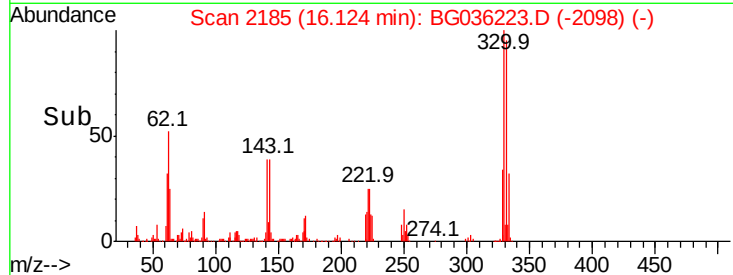
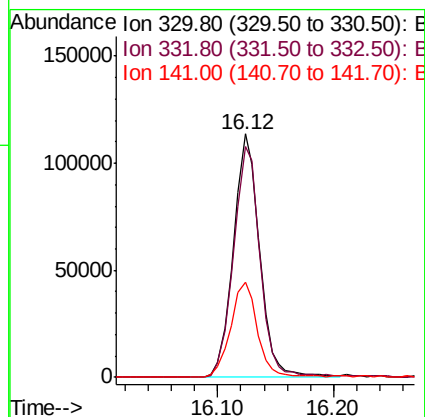
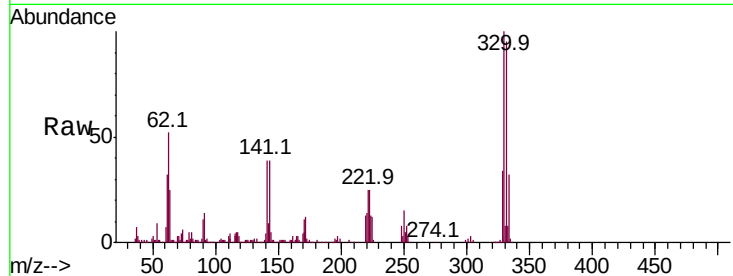




#41
 2,4,6-Tribromophenol
 Concen: 184.584 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036223.D
 Acq: 9 Aug 2018 8:30

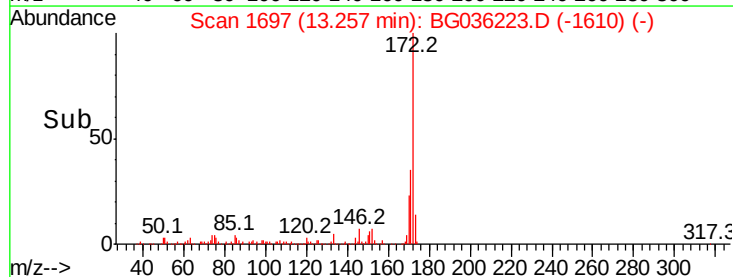
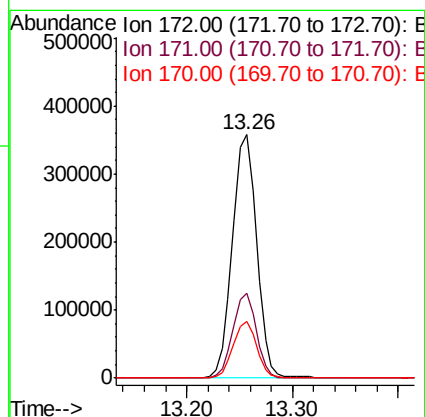
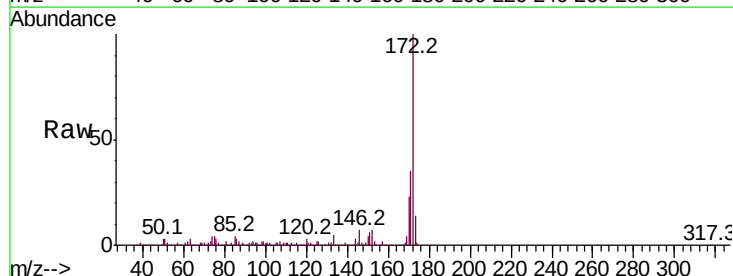
Instrument :
 BNA_G
 ClientSampleId :
 EW-A07

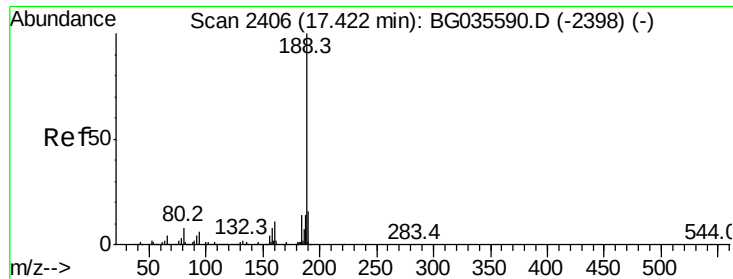
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	40.1	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 103.655 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036223.D
 Acq: 9 Aug 2018 8:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	23.3	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036223.D

Acq: 9 Aug 2018 8:30

Instrument :

BNA_G

ClientSampleId :

EW-A07

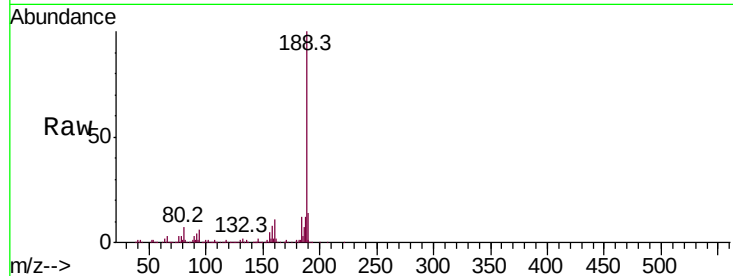
Tot Ion:188 Resp: 197691

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

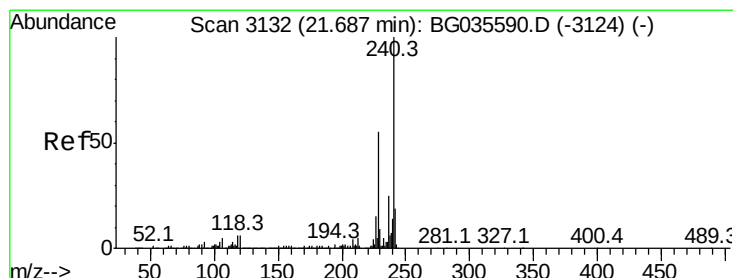
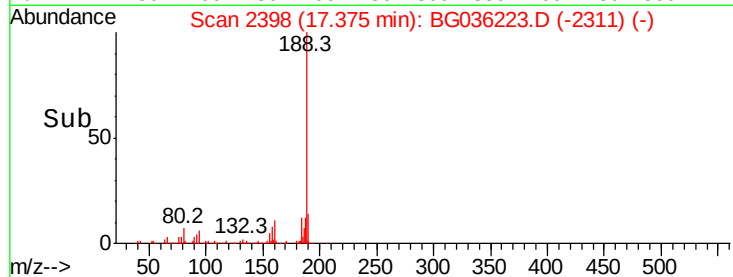
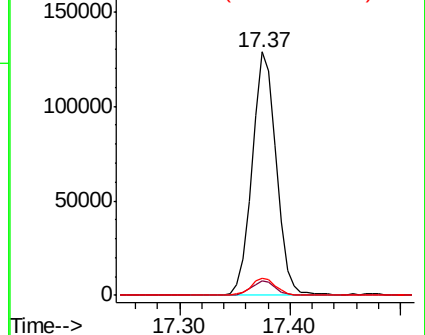
80 6.8 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036223.D

Acq: 9 Aug 2018 8:30

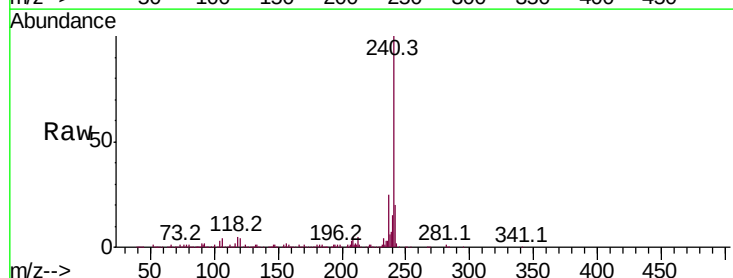
Tgt Ion:240 Resp: 218533

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

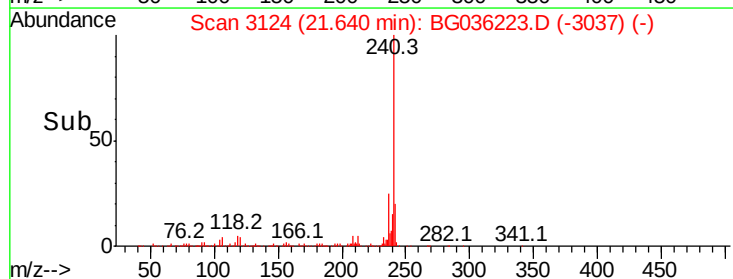
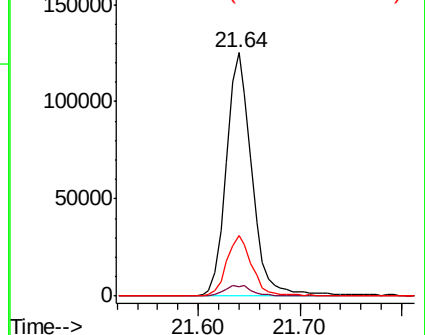
236 25.1 20.9 31.3

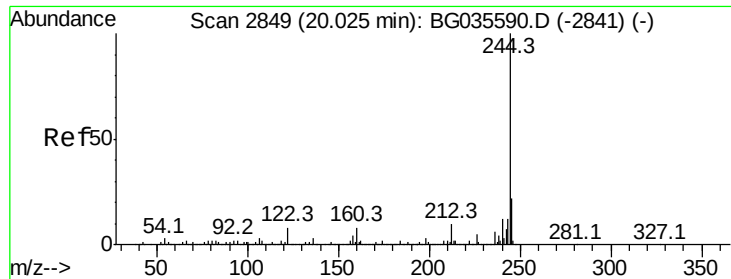


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 106.229 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036223.D

Acq: 9 Aug 2018 8:30

Instrument :

BNA_G

ClientSampleId :

EW-A07

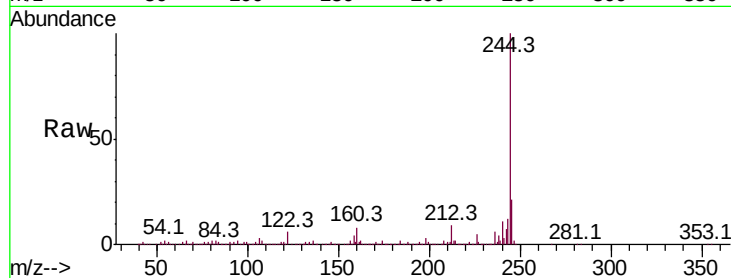
Tot Ion:244 Resp: 1053146

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

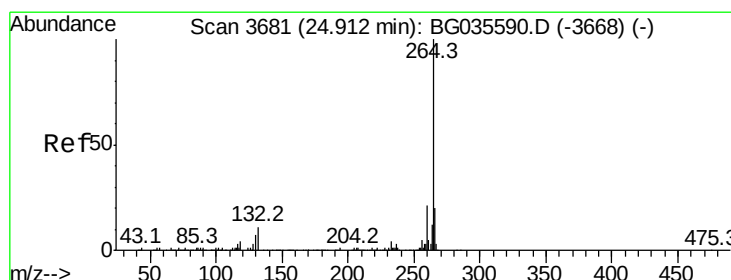
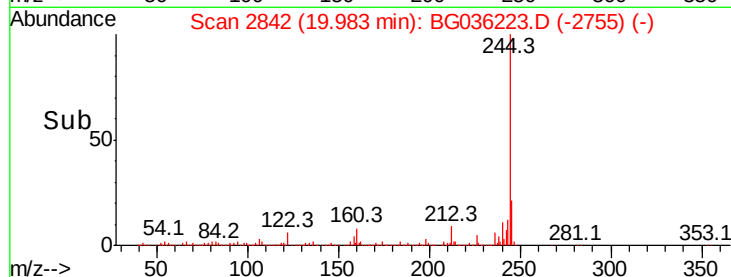
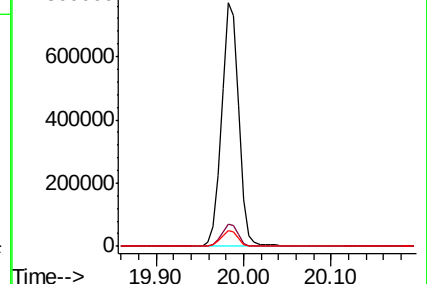
122 6.4 7.0 10.4#



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: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036223.D

Acq: 9 Aug 2018 8:30

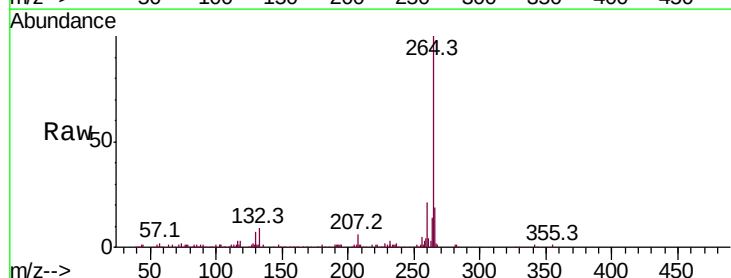
Tgt Ion:264 Resp: 204408

Ion Ratio Lower Upper

264 100

260 20.6 17.4 26.0

265 18.8 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

