

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
 Data File : BG036042.D
 Acq On : 1 Aug 2018 20:30
 Operator : JU/SJ
 Sample : J4256-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-32

Quant Time: Aug 02 08:43:07 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

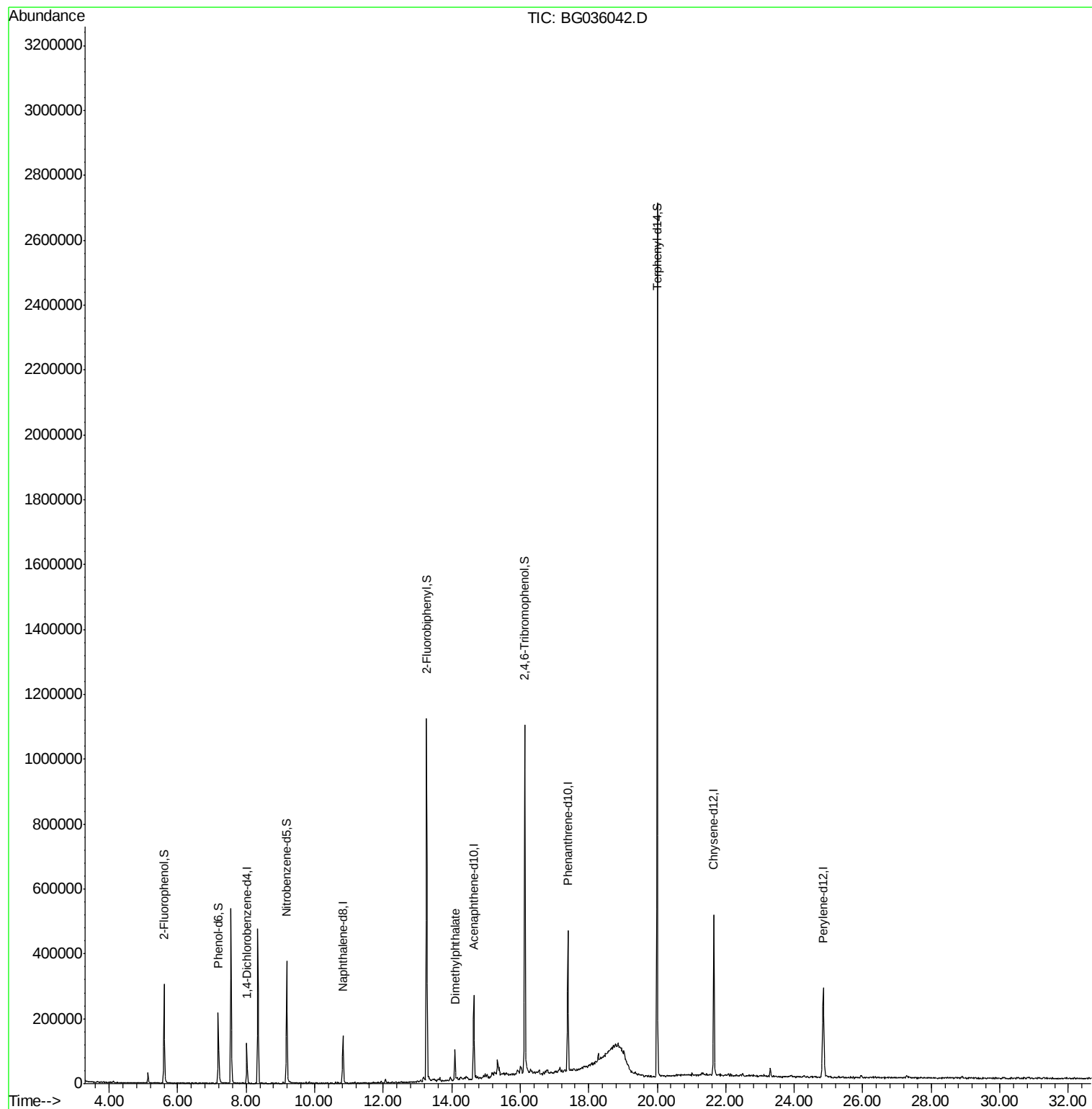
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34454	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	128756	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	93699	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	273388	20.00	ng	0.00
75) Chrysene-d12	21.65	240	323152	20.00	ng	0.00
86) Perylene-d12	24.84	264	311516	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	142994	68.90	ng	0.00
7) Phenol-d6	7.19	99	141167	45.59	ng	0.00
23) Nitrobenzene-d5	9.18	82	265680	86.20	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	196373	159.00	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	601958	86.07	ng	0.00
78) Terphenyl-d14	20.00	244	1245635	84.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.09	163	67645	8.240	ng	Qvalue 98

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

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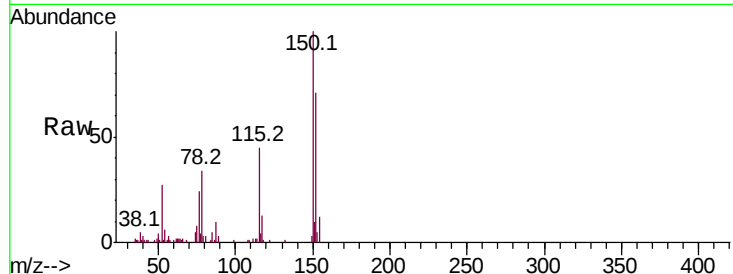


#1

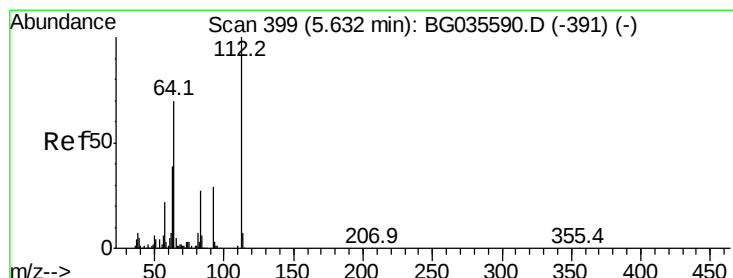
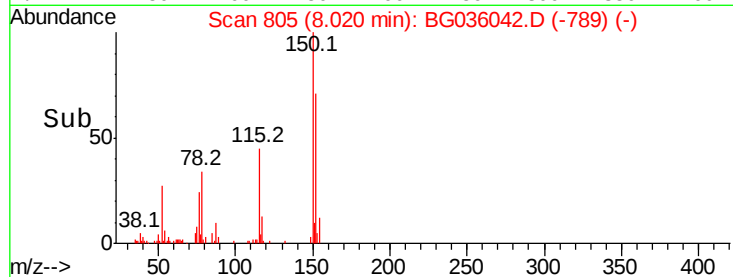
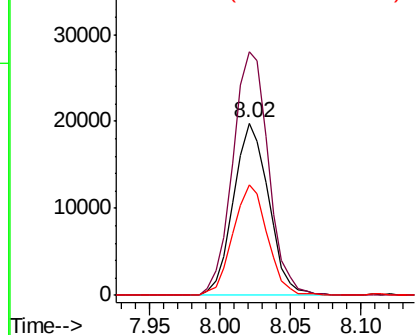
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG036042.D
Acq: 1 Aug 2018 20:30

Instrument :
BNA_G
ClientSampleId :
MW-32

Tot Ion:152 Resp: 34454
Ion Ratio Lower Upper
152 100
150 141.6 126.6 189.8
115 64.4 53.0 79.4



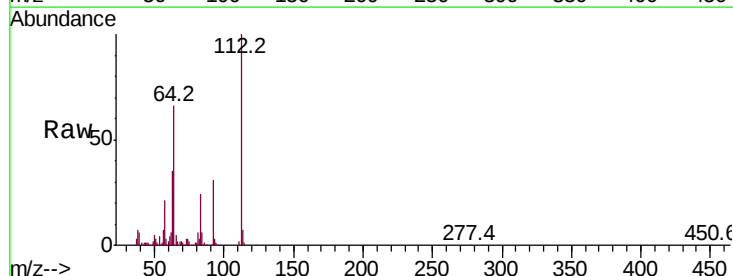
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



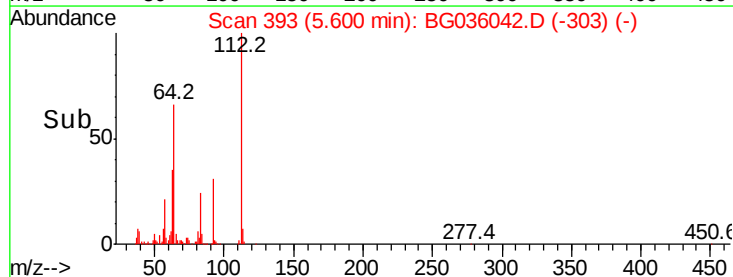
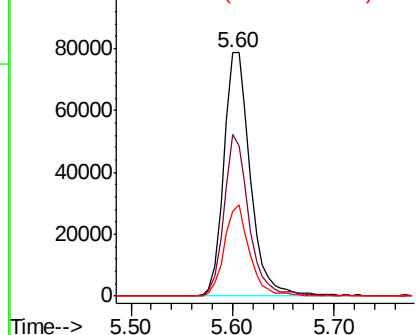
#5

2-Fluorophenol
Concen: 68.905 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG036042.D
Acq: 1 Aug 2018 20:30

Tgt Ion:112 Resp: 142994
Ion Ratio Lower Upper
112 100
64 66.3 56.3 84.5
63 34.7 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: 45.593 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036042.D

Acq: 1 Aug 2018 20:30

Instrument :

BNA_G

ClientSampleId :

MW-32

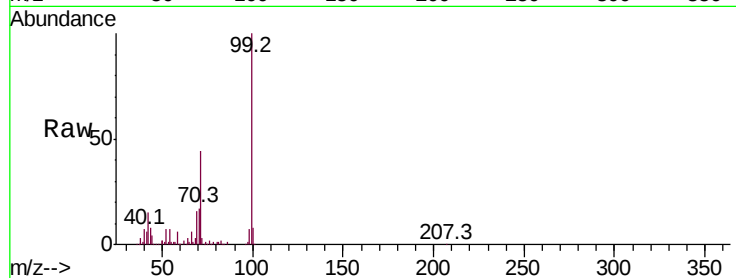
Tot Ion: 99 Resp: 141167

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

71 43.9 26.1 39.1#

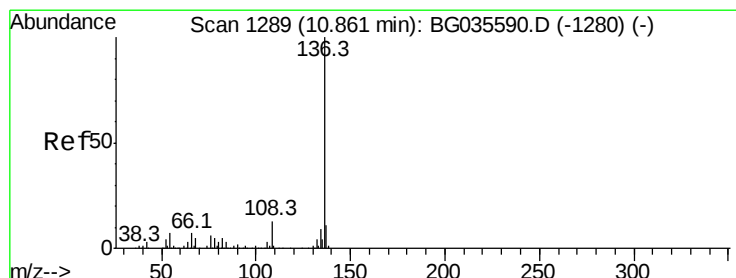
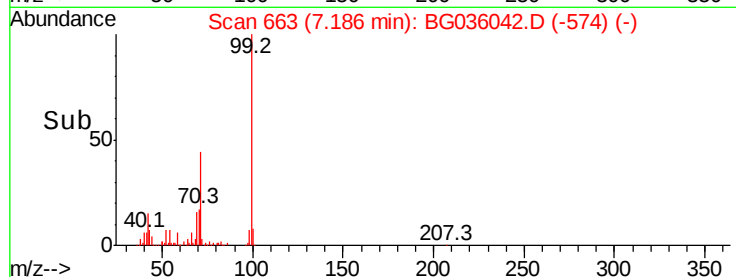
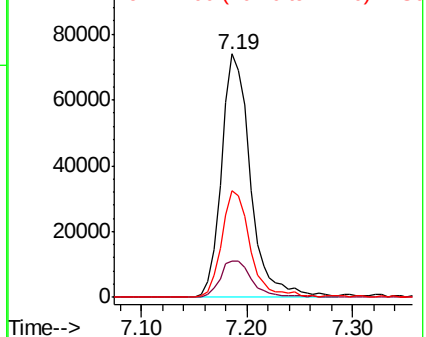


Abundance

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: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG036042.D

Acq: 1 Aug 2018 20:30

Tgt Ion: 136 Resp: 128756

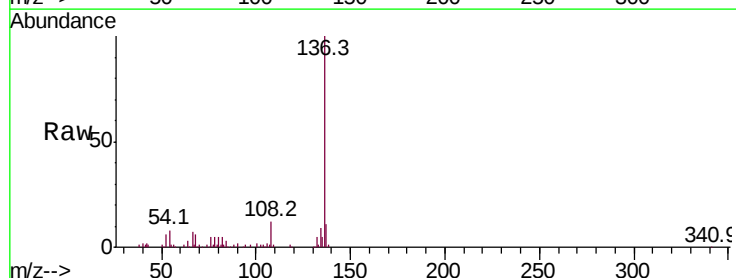
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.7 10.3 15.5#

68 5.7 4.5 6.7



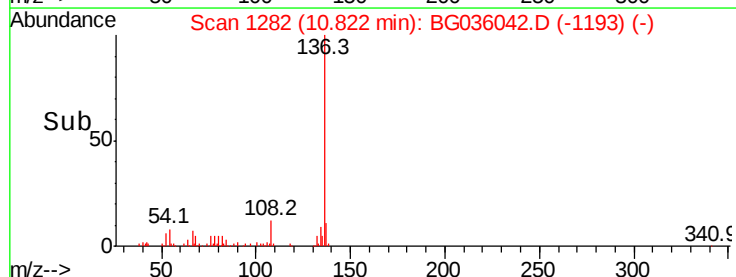
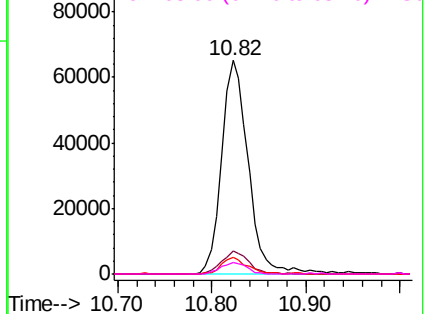
Abundance

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

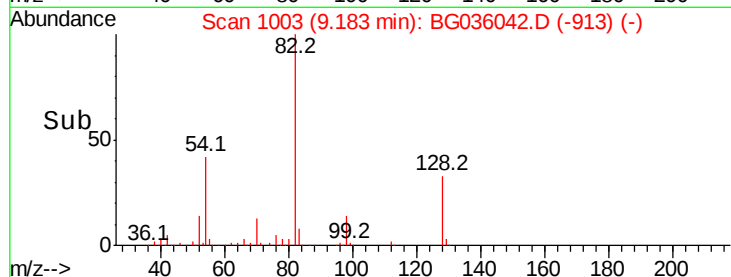
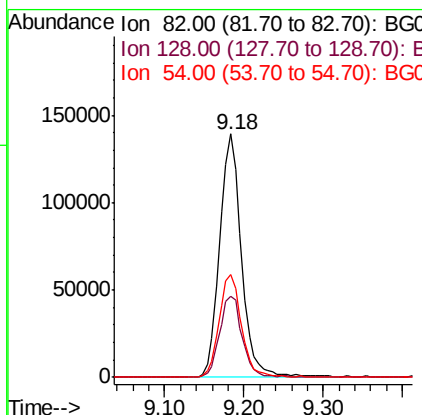
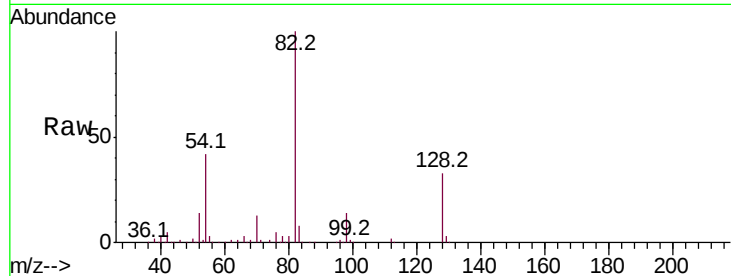




#23
 Nitrobenzene-d5
 Concen: 86.200 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BG036042.D
 Acq: 1 Aug 2018 20:30

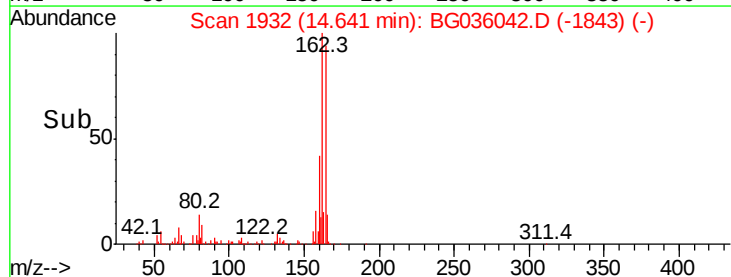
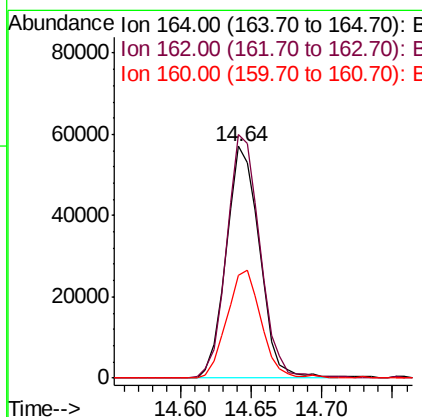
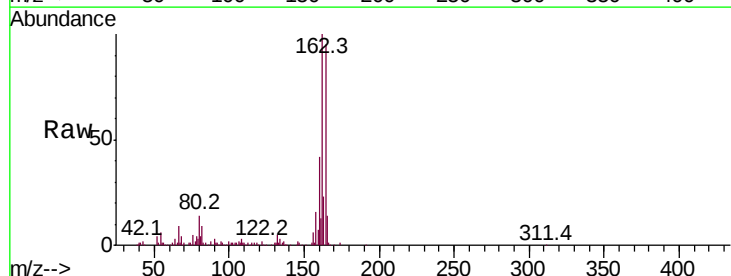
Instrument :
 BNA_G
 ClientSampleId :
 MW-32

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	42.3	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: BG036042.D
 Acq: 1 Aug 2018 20:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	78.8	118.2
160	44.6	35.4	53.0

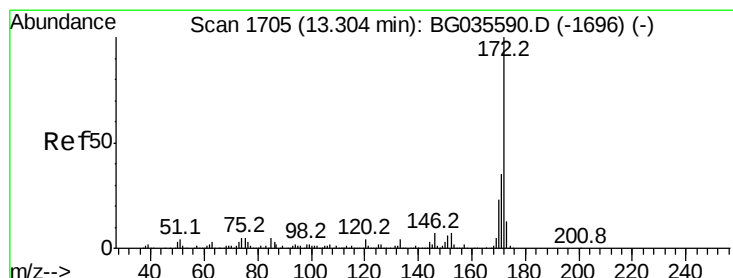
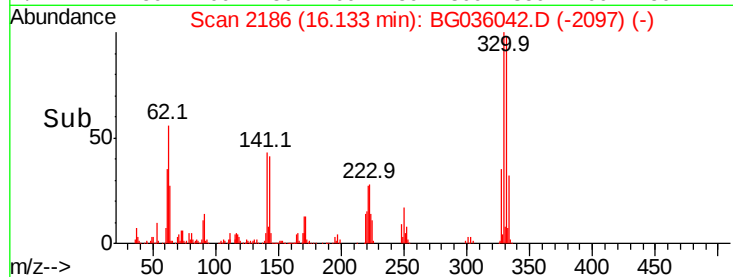
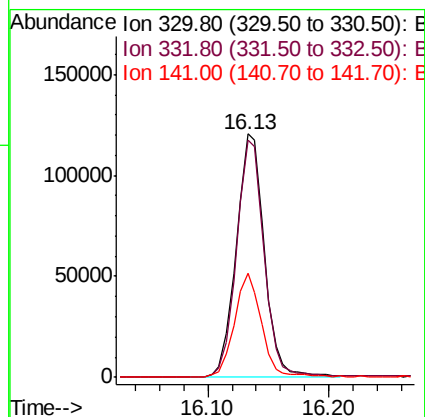
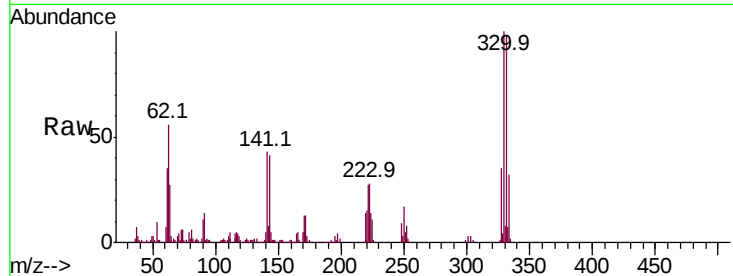




#41
 2,4,6-Tribromophenol
 Concen: 159.005 ng
 RT: 16.13 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG036042.D
 Acq: 1 Aug 2018 20:30

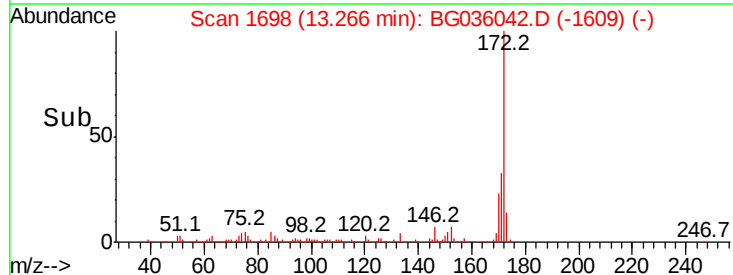
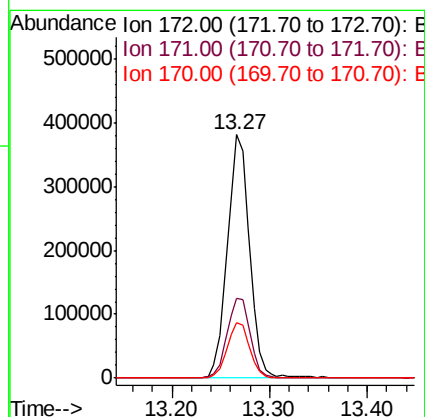
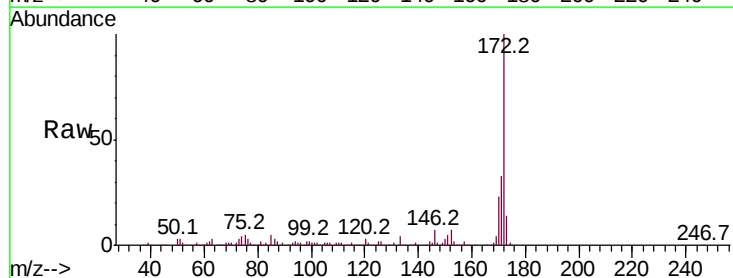
Instrument :
 BNA_G
 ClientSampleId :
 MW-32

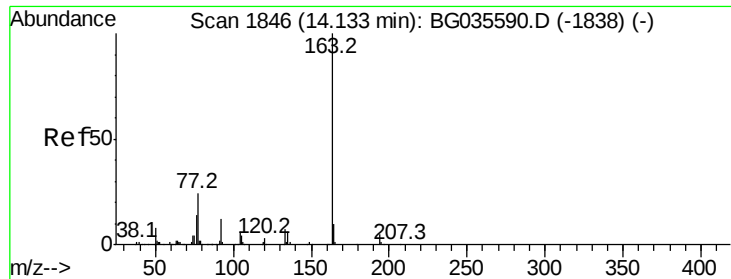
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	41.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 86.070 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG036042.D
 Acq: 1 Aug 2018 20:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.6	30.0	45.0
170	22.9	19.5	29.3





#49

Dimethylphthalate

Concen: 8.240 ng

RT: 14.09 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG036042.D

Acq: 1 Aug 2018 20:30

Instrument :

BNA_G

ClientSampleId :

MW-32

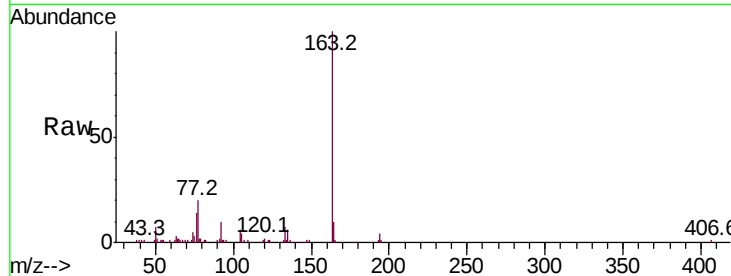
Tot Ion:163 Resp: 67645

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

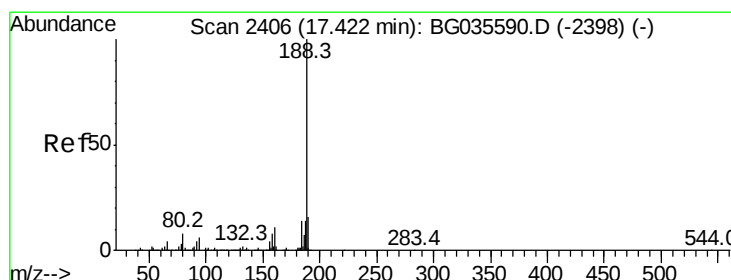
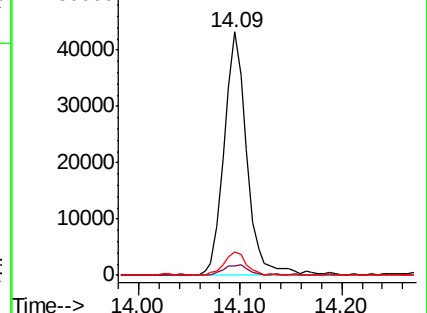
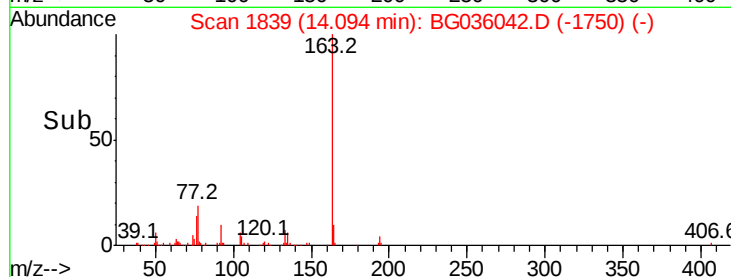
164 9.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG036042.D

Acq: 1 Aug 2018 20:30

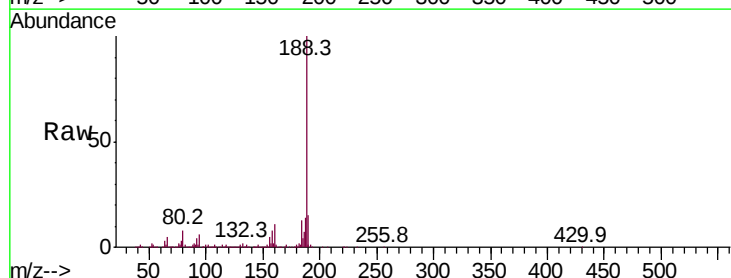
Tgt Ion:188 Resp: 273388

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

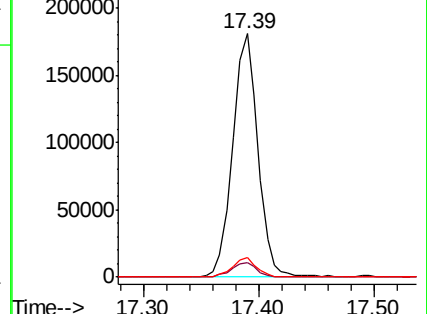
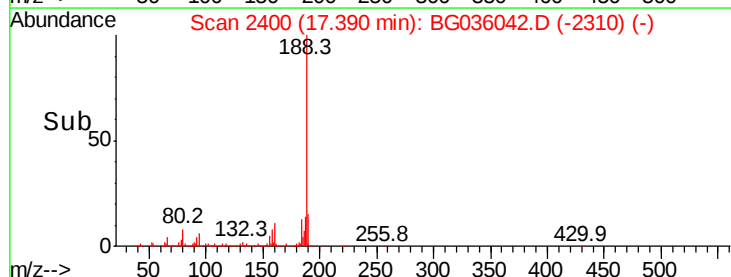
80 7.8 7.7 11.5



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: 21.65 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG036042.D

Acq: 1 Aug 2018 20:30

Instrument :

BNA_G

ClientSampleId :

MW-32

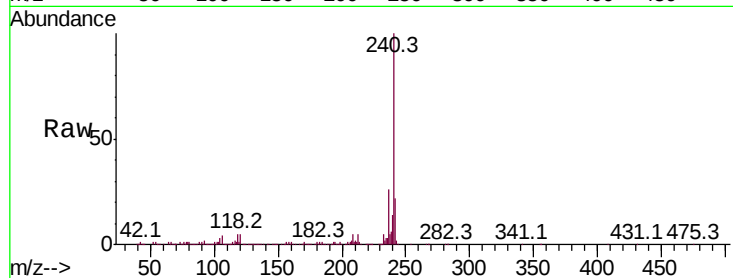
Tot Ion:240 Resp: 323152

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

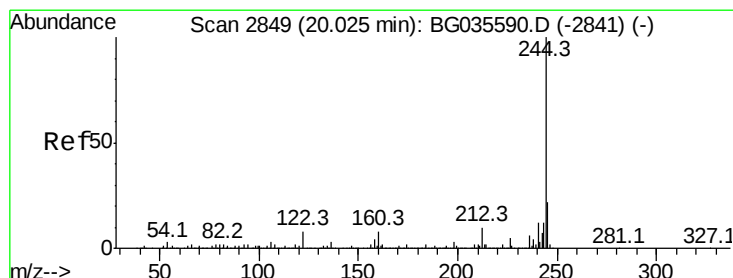
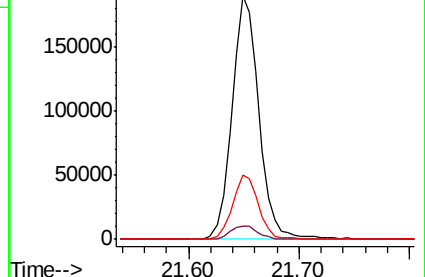
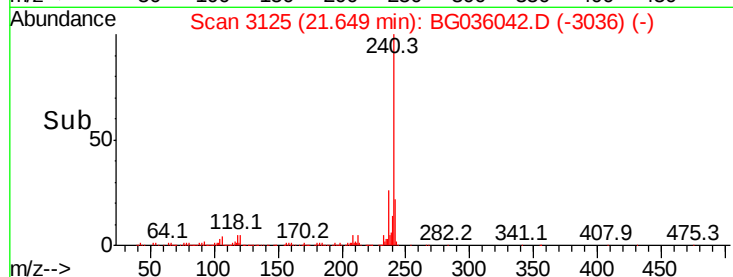
236 26.2 20.9 31.3



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: 84.968 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG036042.D

Acq: 1 Aug 2018 20:30

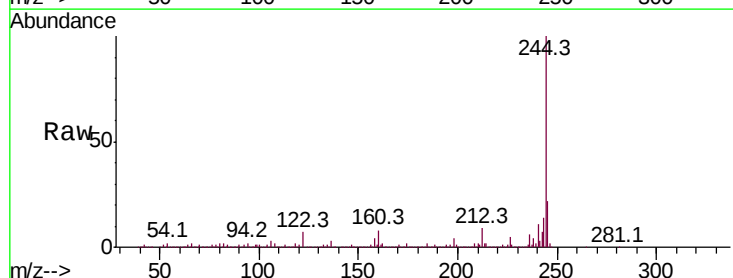
Tgt Ion:244 Resp: 1245635

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

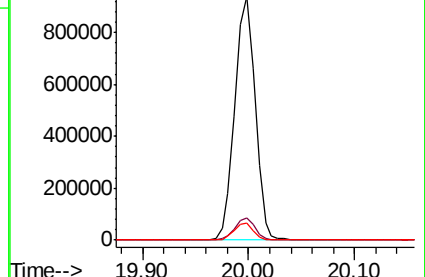
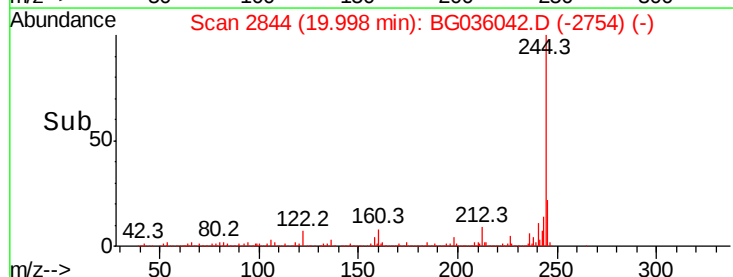
122 7.2 7.0 10.4

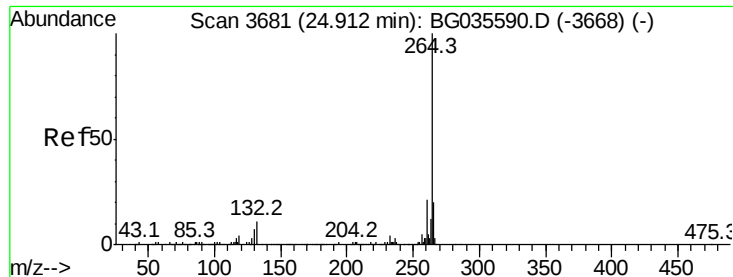


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

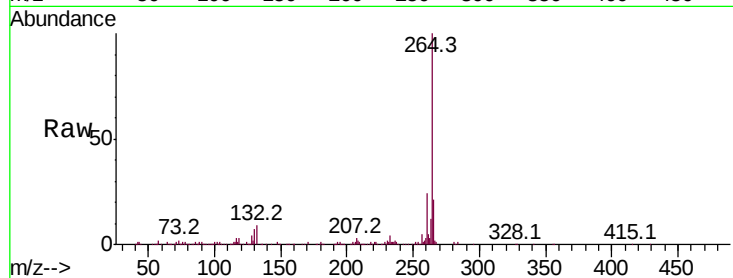




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3669
Delta R.T. -0.02 min
Lab File: BG036042.D
Acq: 1 Aug 2018 20:30

Instrument :
BNA_G
ClientSampleId :
MW-32

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

