

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036389.D
 Acq On : 23 Aug 2018 22:47
 Operator : JU/SJ
 Sample : J4522-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Quant Time: Aug 24 03:59:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

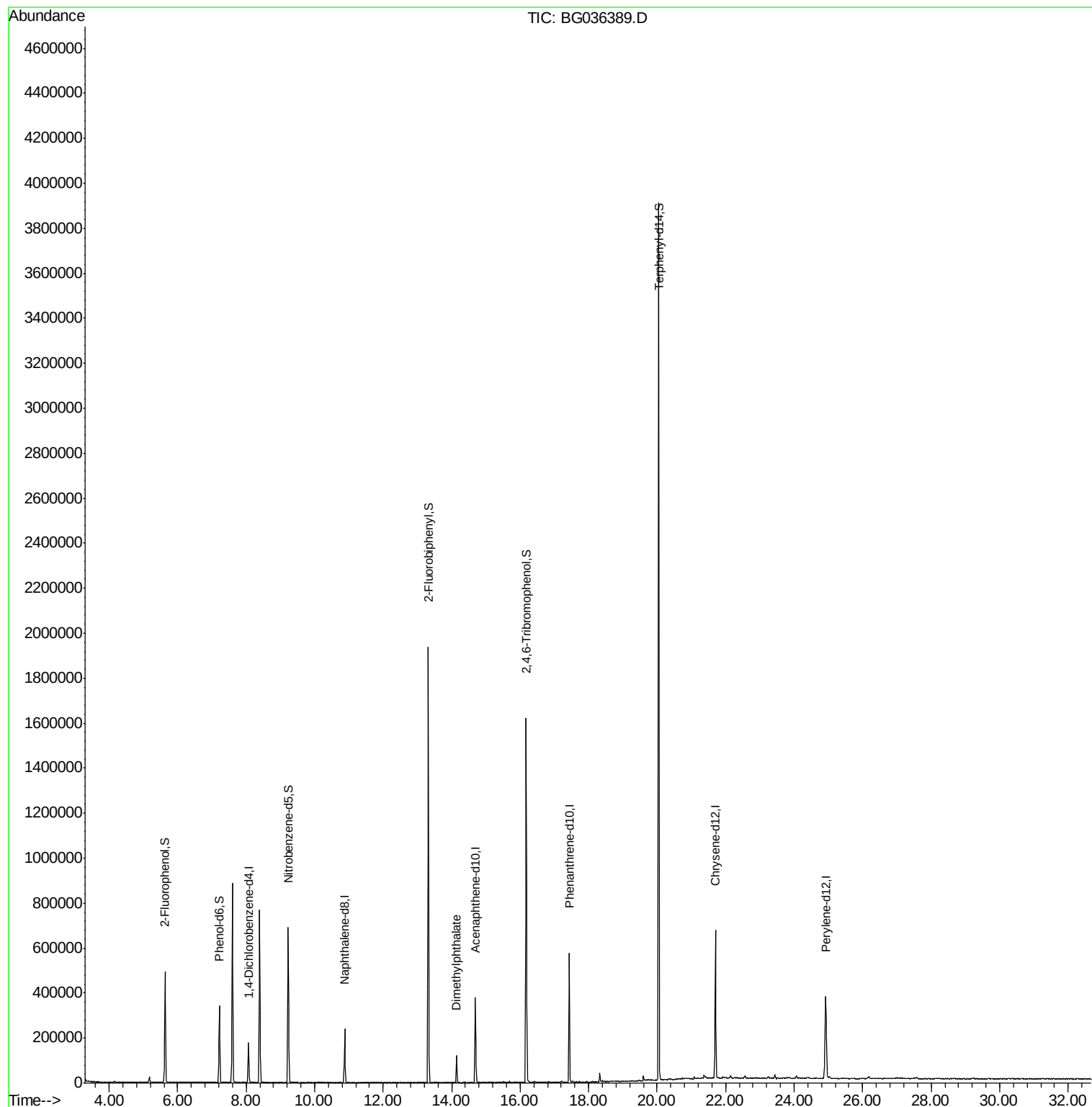
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	47967	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	200174	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	136462	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	362629	20.00	ng	0.00
75) Chrysene-d12	21.70	240	389038	20.00	ng	0.00
86) Perylene-d12	24.92	264	396268	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	213128	70.48	ng	0.00
7) Phenol-d6	7.22	99	189062	43.67	ng	0.00
23) Nitrobenzene-d5	9.23	82	413822	112.17	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	290961	178.69	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	979263	102.46	ng	0.00
78) Terphenyl-d14	20.05	244	1737482	104.39	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.14	163	81711	7.333	ng	Qvalue 98

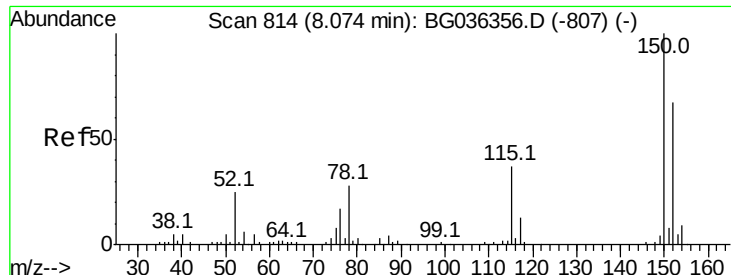
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 23 12:07:02 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG036389.D

Acq: 23 Aug 2018 22:47

Instrument :

BNA_G

ClientSampled :

MW-6

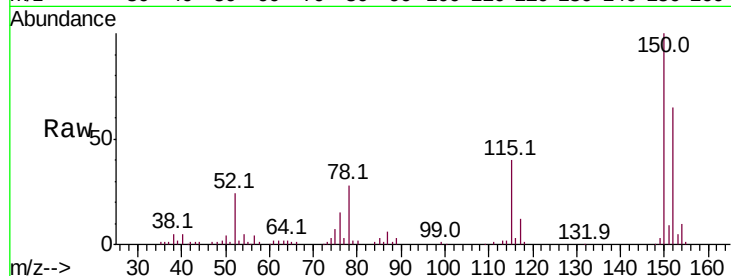
Tot Ion:152 Resp: 47967

Ion Ratio Lower Upper

152 100

150 153.6 119.5 179.3

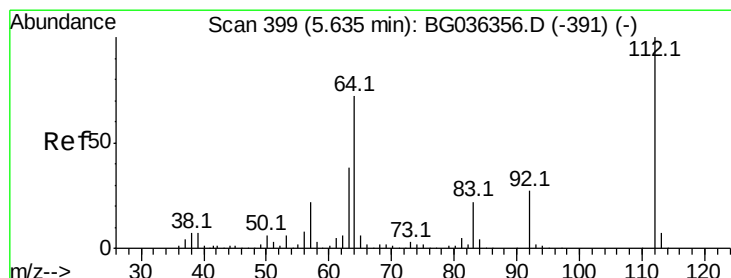
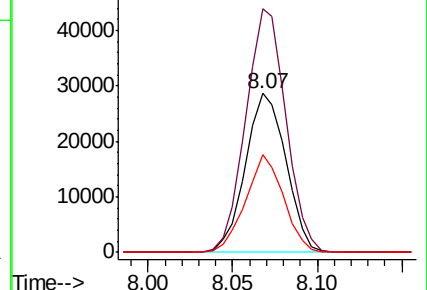
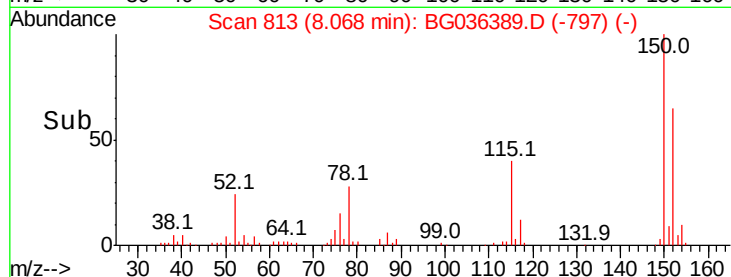
115 61.8 44.5 66.7



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: 70.483 ng

RT: 5.64 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG036389.D

Acq: 23 Aug 2018 22:47

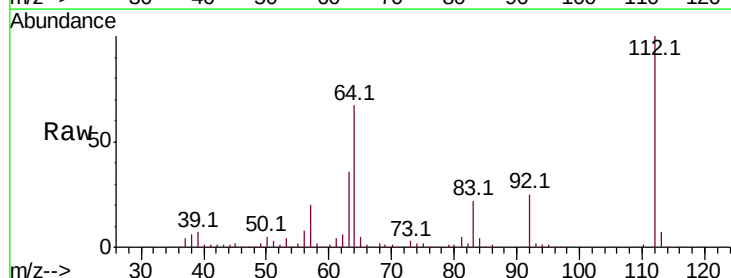
Tgt Ion:112 Resp: 213128

Ion Ratio Lower Upper

112 100

64 67.3 57.2 85.8

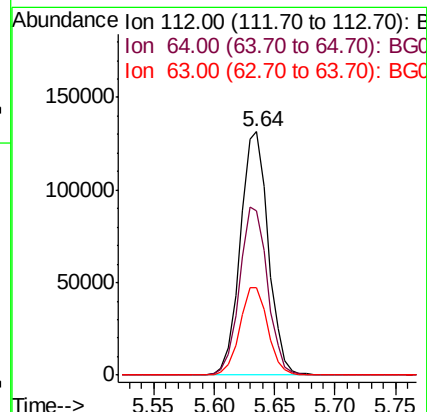
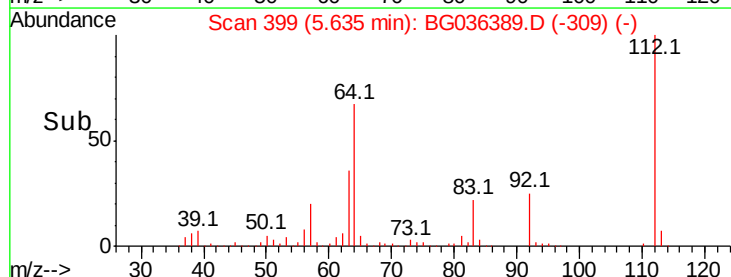
63 36.0 30.8 46.2

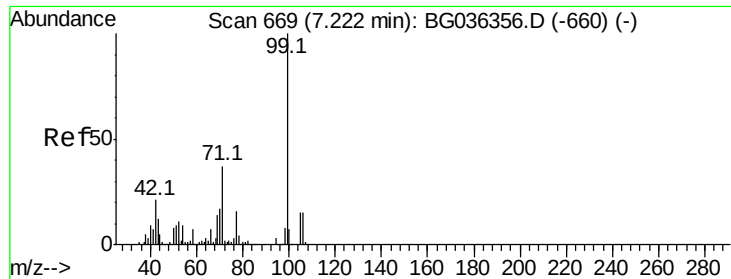


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.669 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036389.D

Acq: 23 Aug 2018 22:47

Instrument :

BNA_G

ClientSampleId :

MW-6

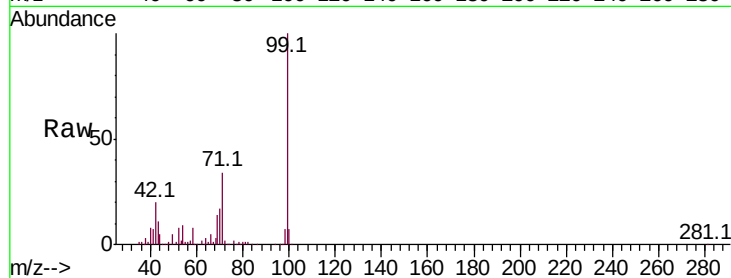
Tot Ion: 99 Resp: 189062

Ion Ratio Lower Upper

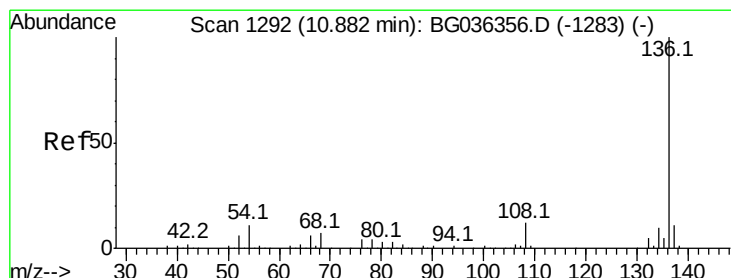
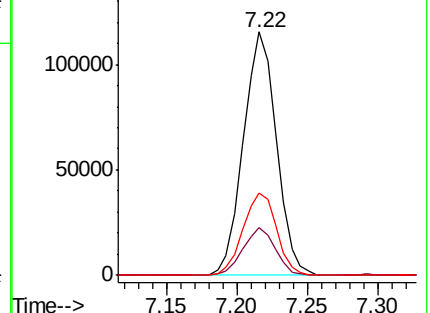
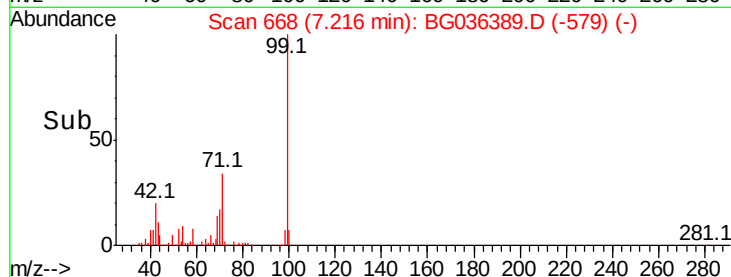
99 100

42 19.6 16.5 24.7

71 34.1 29.4 44.2



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: 10.88 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036389.D

Acq: 23 Aug 2018 22:47

Tgt Ion: 136 Resp: 200174

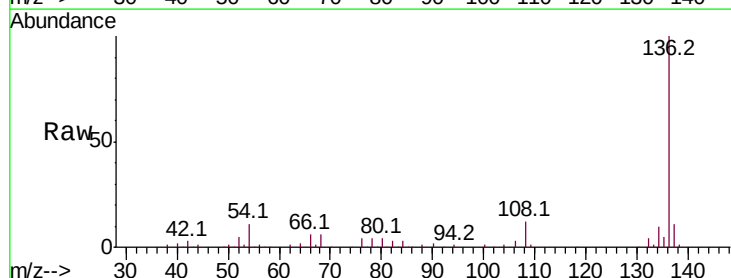
Ion Ratio Lower Upper

136 100

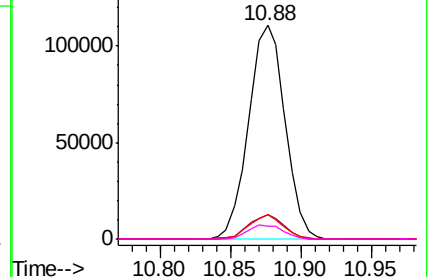
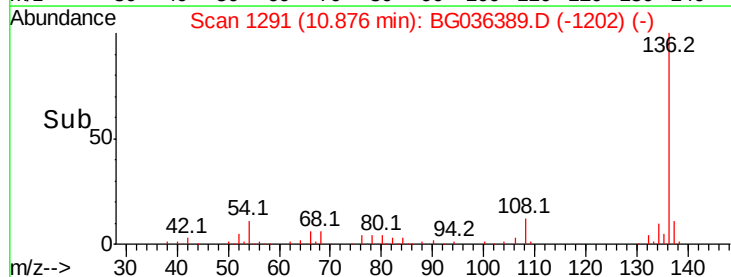
137 11.3 8.8 13.2

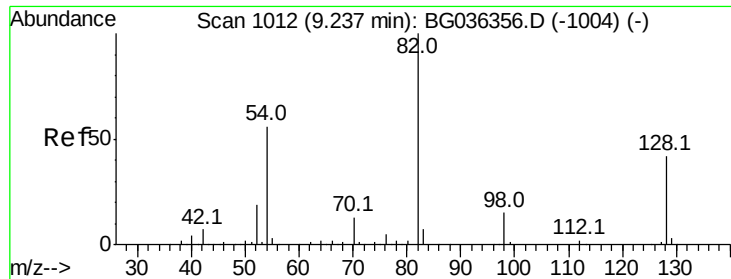
54 11.1 9.2 13.8

68 6.2 5.8 8.6



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: 112.165 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG036389.D

Acq: 23 Aug 2018 22:47

Instrument :

BNA_G

ClientSampled :

MW-6

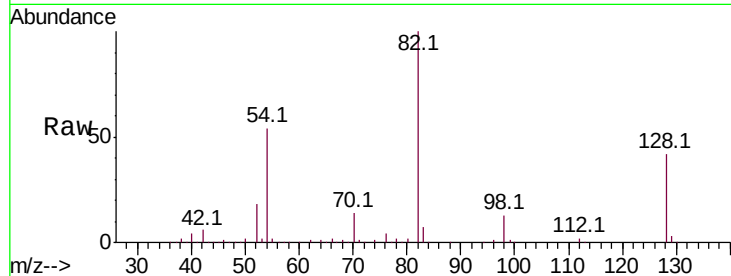
Tot Ion: 82 Resp: 413822

Ion Ratio Lower Upper

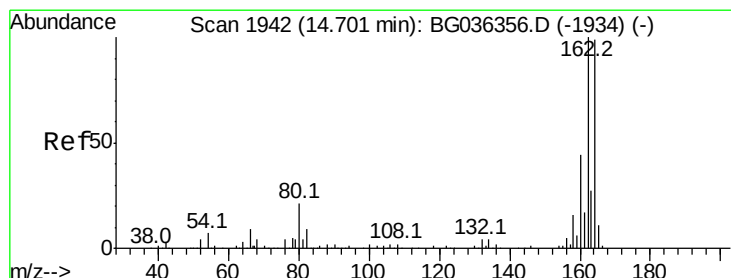
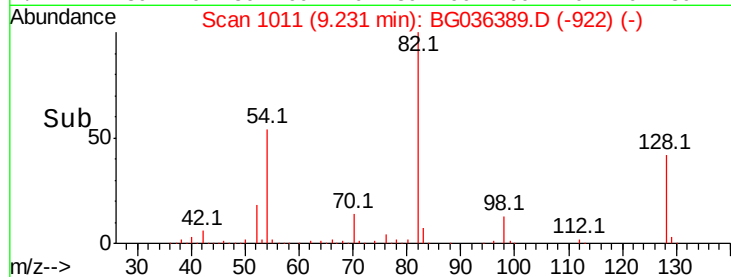
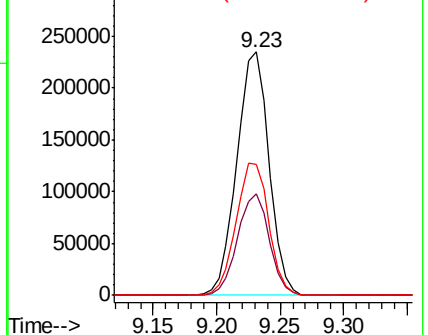
82 100

128 41.9 33.3 49.9

54 53.8 45.1 67.7



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: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG036389.D

Acq: 23 Aug 2018 22:47

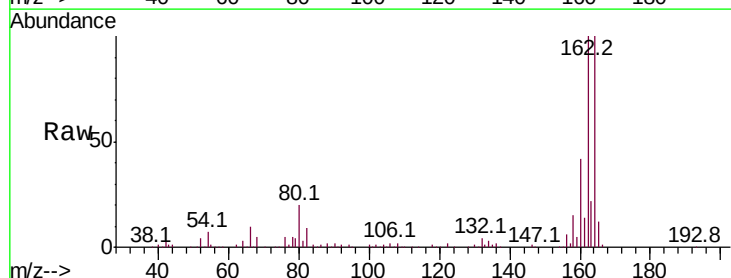
Tgt Ion:164 Resp: 136462

Ion Ratio Lower Upper

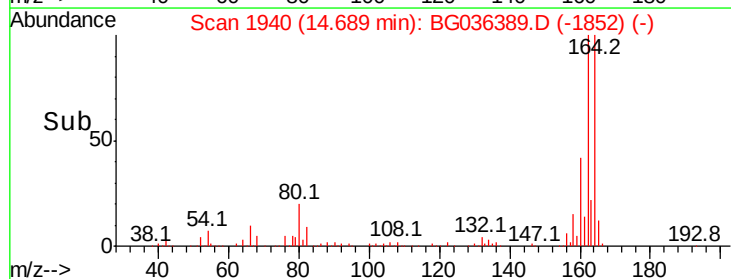
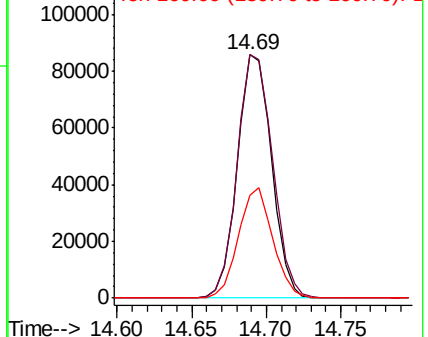
164 100

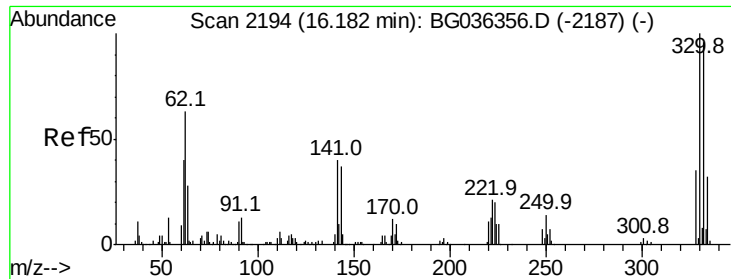
162 100.1 80.7 121.1

160 42.5 35.3 52.9



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

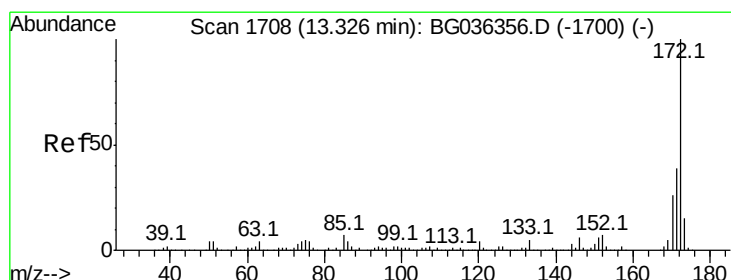
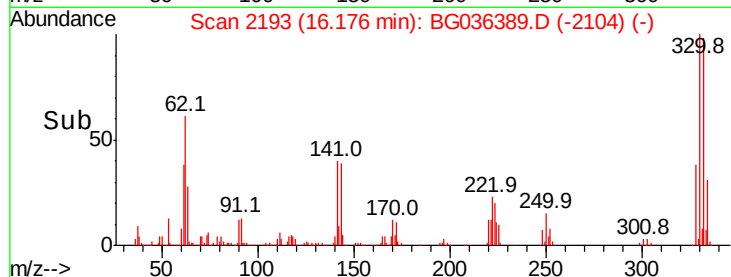
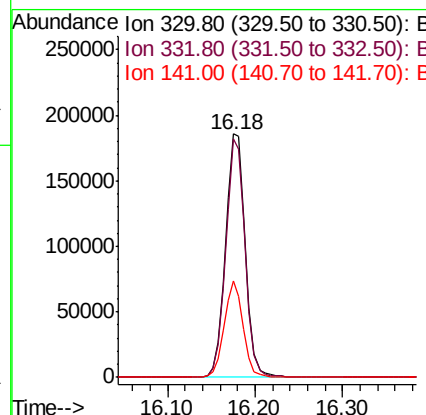
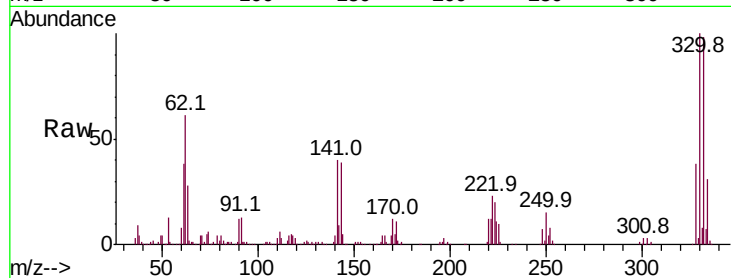




#41
 2,4,6-Tribromophenol
 Concen: 178.690 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036389.D
 Acq: 23 Aug 2018 22:47

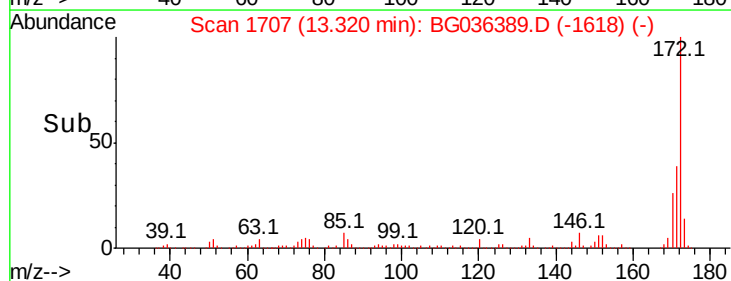
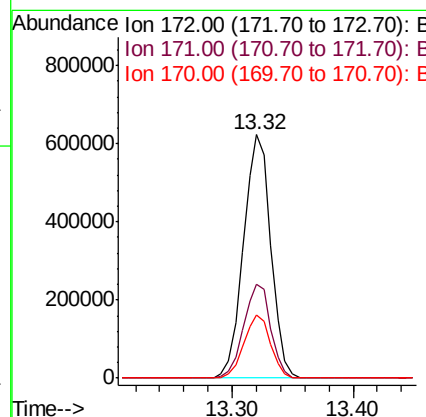
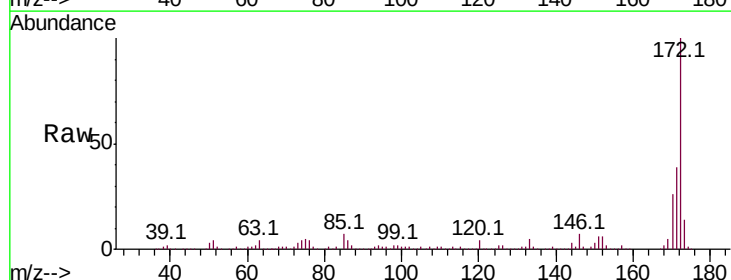
Instrument :
 BNA_G
 ClientSampled :
 MW-6

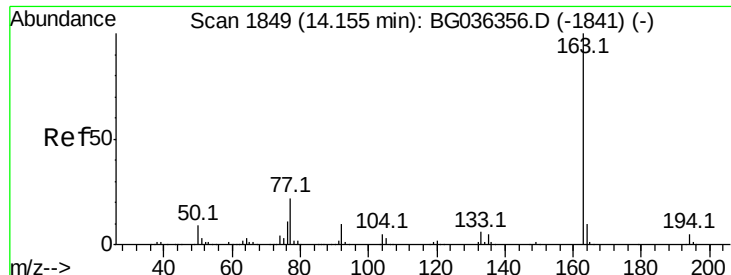
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.4	113.2
141	37.7	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 102.461 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036389.D
 Acq: 23 Aug 2018 22:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.9	21.0	31.6





#49

Dimethylphthalate

Concen: 7.333 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BG036389.D

Acq: 23 Aug 2018 22:47

Instrument :

BNA_G

ClientSampleId :

MW-6

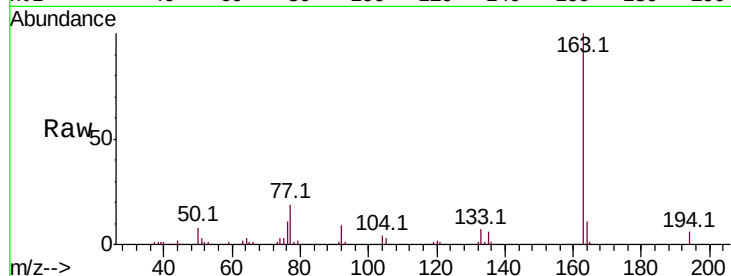
Tot Ion:163 Resp: 81711

Ion Ratio Lower Upper

163 100

194 5.7 4.0 6.0

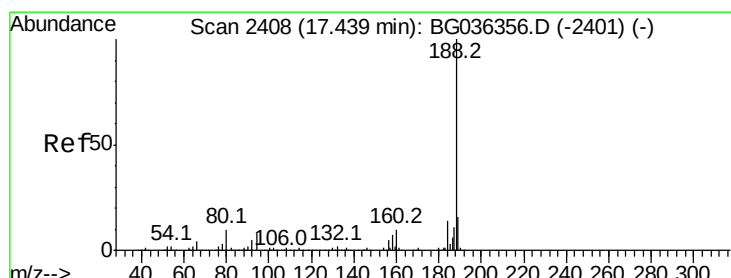
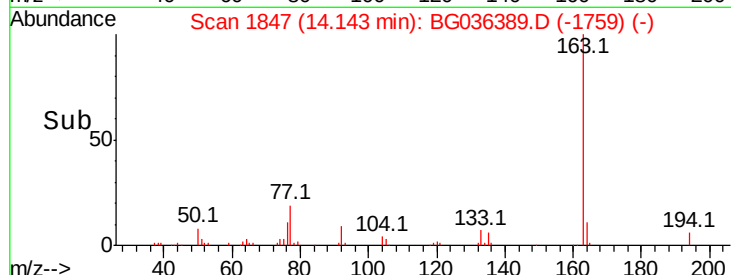
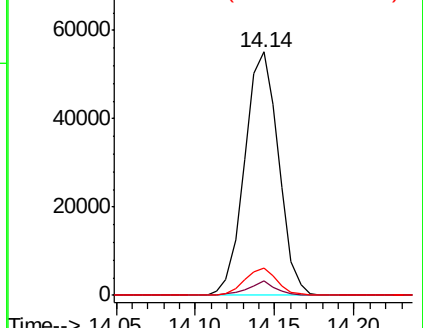
164 11.0 8.1 12.1



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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036389.D

Acq: 23 Aug 2018 22:47

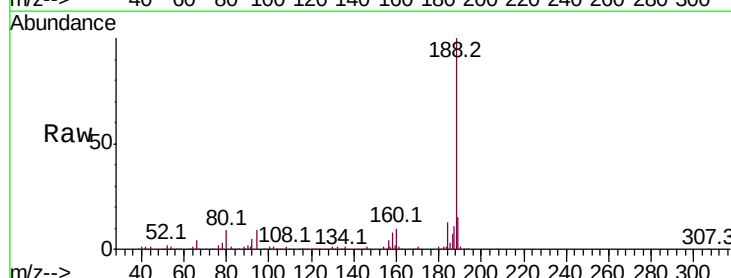
Tgt Ion:188 Resp: 362629

Ion Ratio Lower Upper

188 100

94 8.6 6.7 10.1

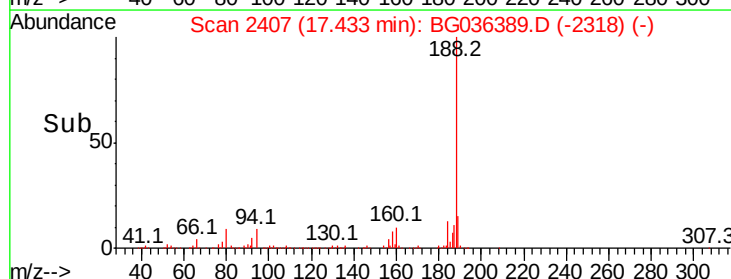
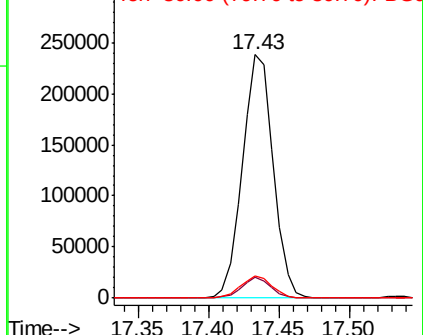
80 9.4 8.1 12.1

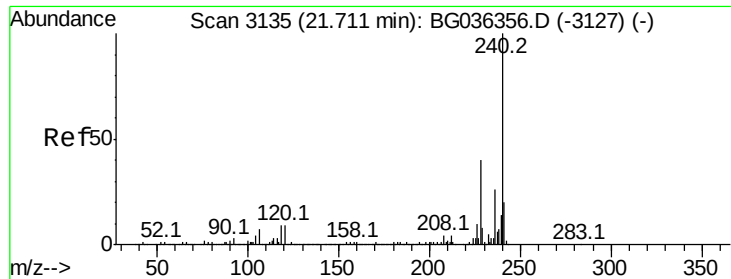


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036389.D

Acq: 23 Aug 2018 22:47

Instrument :

BNA_G

ClientSampleId :

MW-6

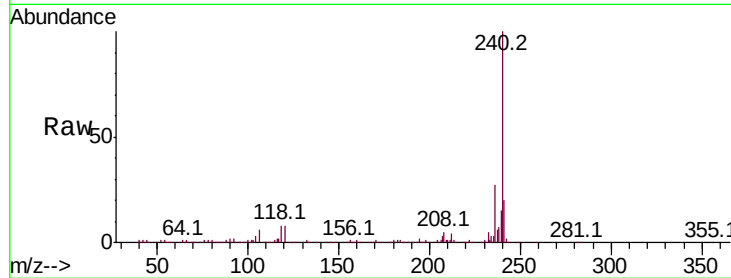
Tot Ion:240 Resp: 389038

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

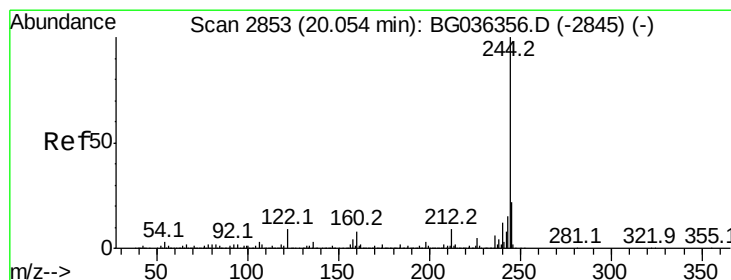
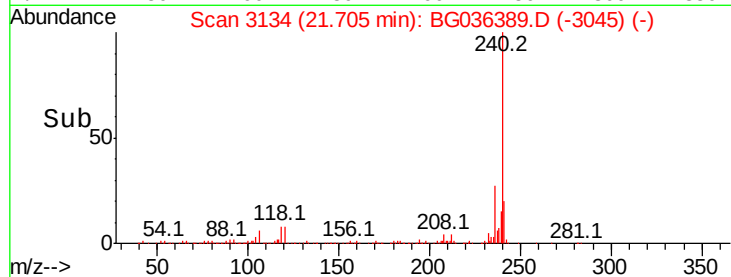
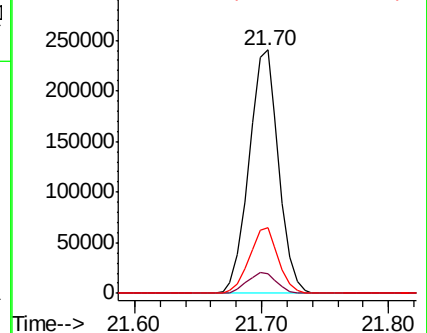
236 26.8 21.2 31.8



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: 104.388 ng

RT: 20.05 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036389.D

Acq: 23 Aug 2018 22:47

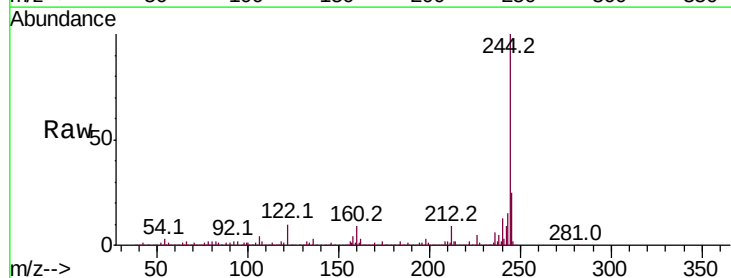
Tgt Ion:244 Resp: 1737482

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

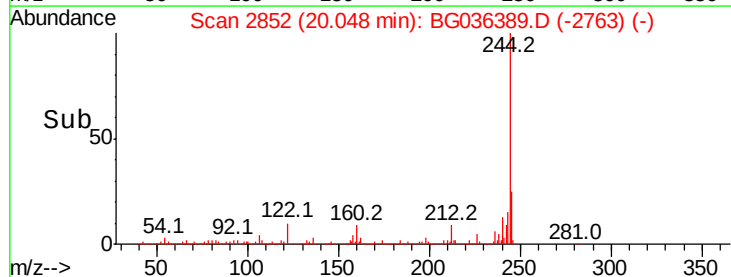
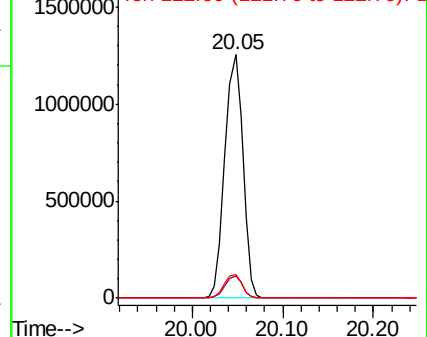
122 9.8 7.1 10.7

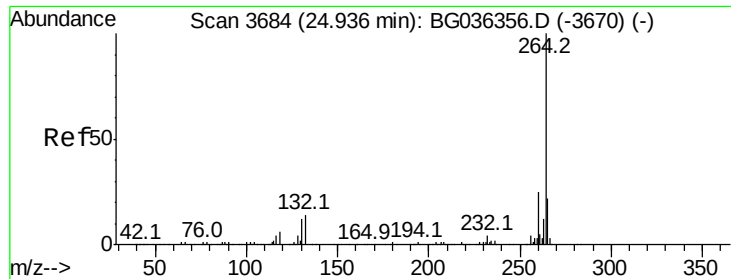


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

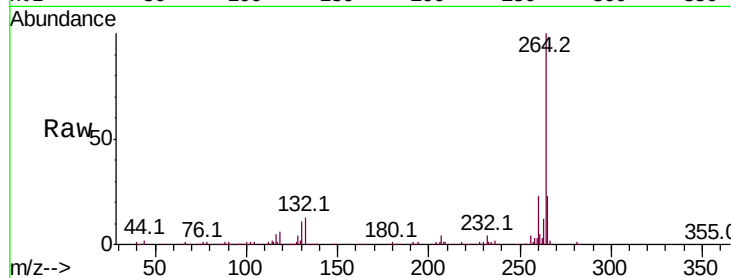




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3681
 Delta R.T. -0.02 min
 Lab File: BG036389.D
 Acq: 23 Aug 2018 22:47

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Tot Ion:	264	Resp:	396268
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	22.8	17.4	26.0



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

