

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
 Data File : BG017633.D
 Acq On : 12 Jun 2015 7:33
 Operator : TP/IZ
 Sample : G2523-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5-6-3-15

Quant Time: Jun 12 13:27:51 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 18:39:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	23955	20.00	ng	-0.08
21) Naphthalene-d8	10.32	136	95202	20.00	ng	-0.08
38) Acenaphthene-d10	14.20	164	72730	20.00	ng	-0.08
63) Phenanthrene-d10	16.96	188	180668	20.00	ng	-0.08
75) Chrysene-d12	21.16	240	204013	20.00	ng	-0.08
86) Perylene-d12	23.36	264	196337	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	52169	38.37	ng	-0.08
7) Phenol-d6	6.74	99	38337	20.70	ng	-0.08
23) Nitrobenzene-d5	8.70	82	173712	91.09	ng	-0.08
41) 2,4,6-Tribromophenol	15.71	330	115501	114.34	ng	-0.08
44) 2-Fluorobiphenyl	12.82	172	433215	89.85	ng	-0.08
78) Terphenyl-d14	19.60	244	862297	87.36	ng	-0.08

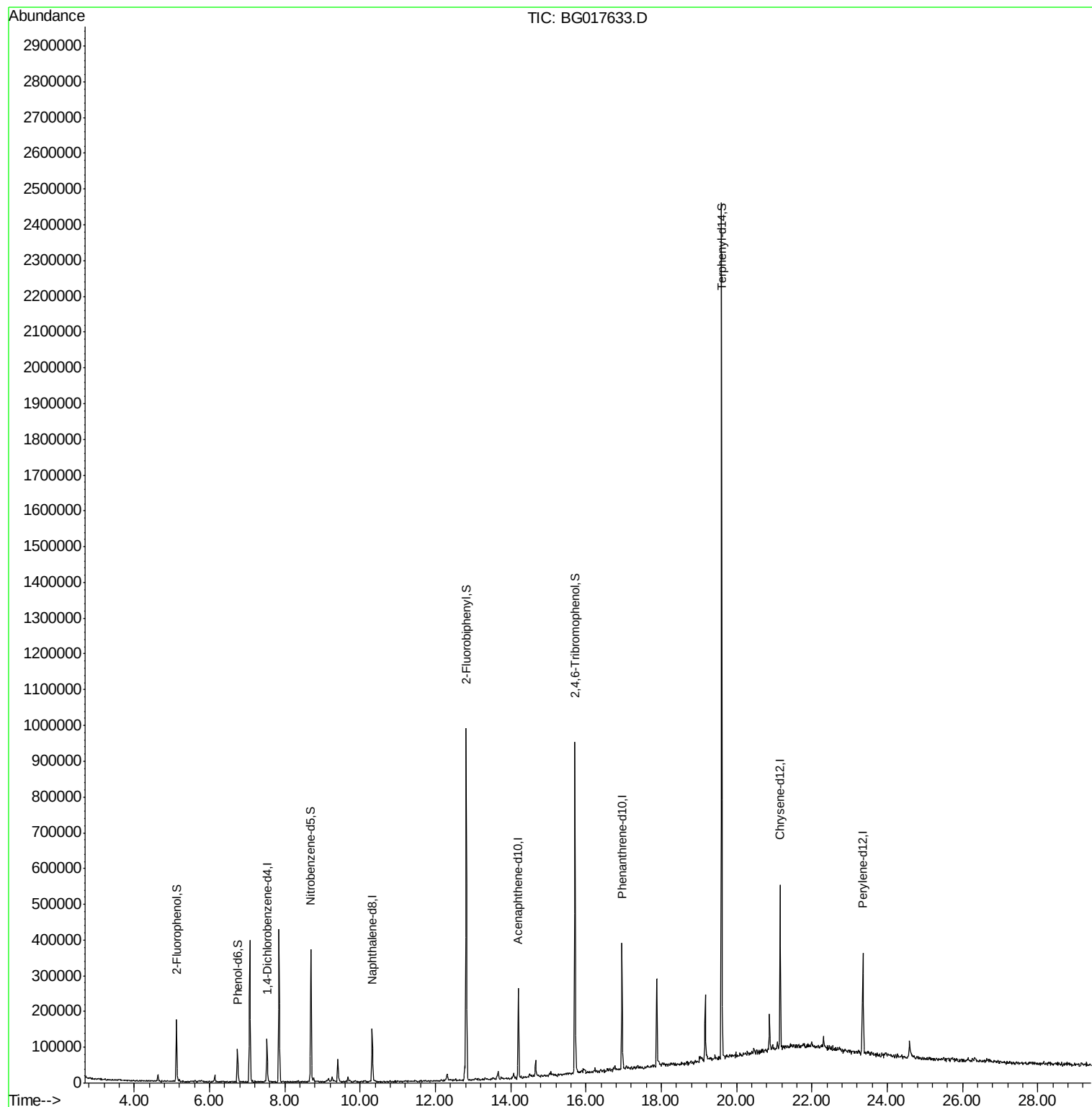
Target Compounds	Qvalue
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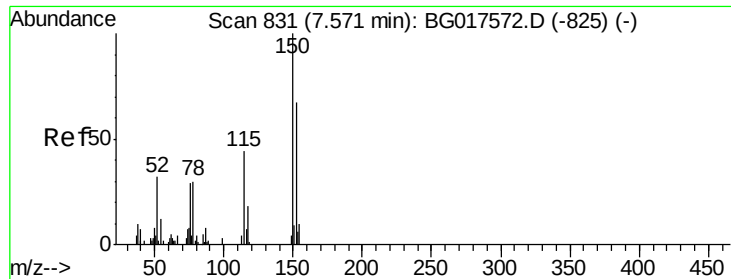
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 13:27:51 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
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QLast Update : Mon Jun 08 18:39:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.53 min Scan# 824

Delta R.T. -0.08 min

Lab File: BG017633.D

Acq: 12 Jun 2015 7:33

Instrument :

BNA_G

ClientSampleId :

MW-5-6-3-15

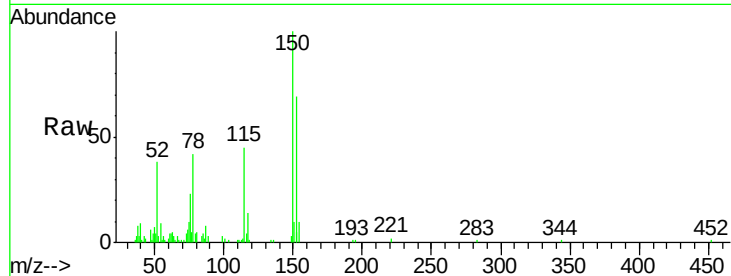
Tgt Ion:152 Resp: 23955

Ion Ratio Lower Upper

152 100

150 144.1 121.7 182.5

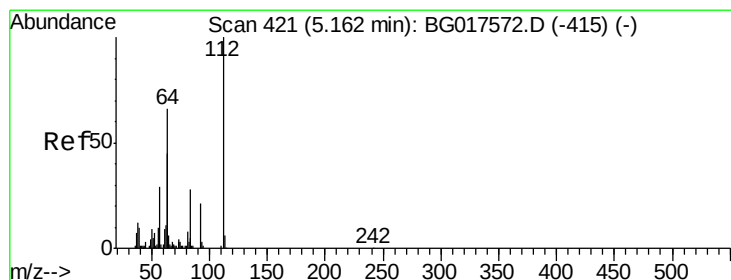
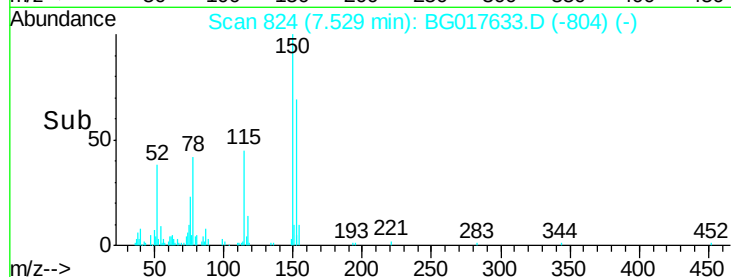
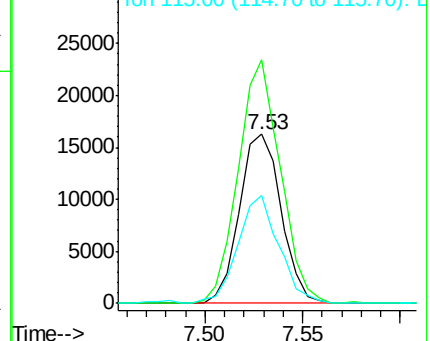
115 64.2 48.6 73.0



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: 38.37 ng

RT: 5.12 min Scan# 414

Delta R.T. -0.08 min

Lab File: BG017633.D

Acq: 12 Jun 2015 7:33

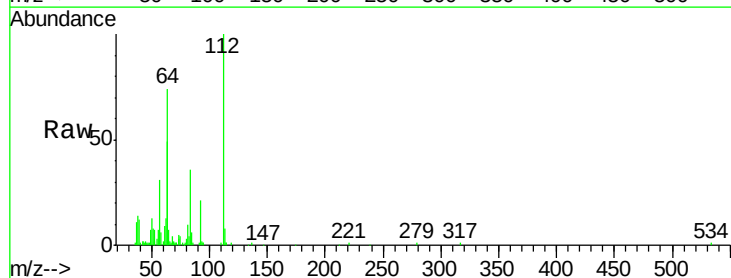
Tgt Ion:112 Resp: 52169

Ion Ratio Lower Upper

112 100

64 74.0 51.6 77.4

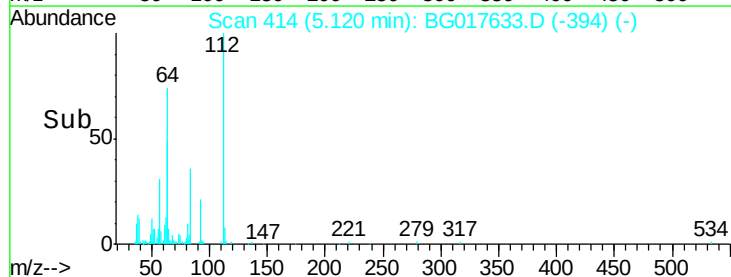
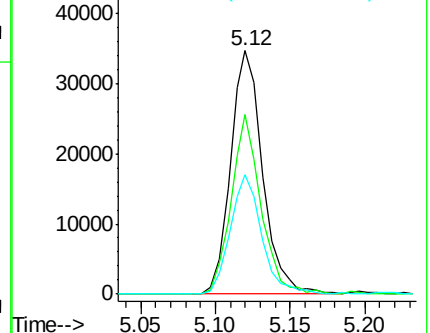
63 49.2 33.3 49.9

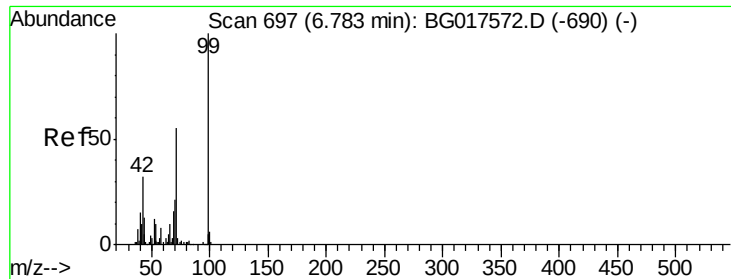


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 20.70 ng

RT: 6.74 min Scan# 689

Delta R.T. -0.08 min

Lab File: BG017633.D

Acq: 12 Jun 2015 7:33

Instrument :

BNA_G

ClientSampleId :

MW-5-6-3-15

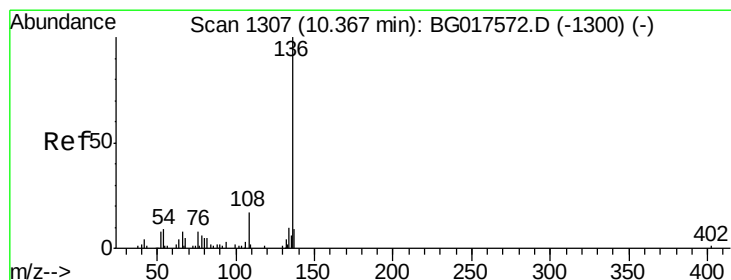
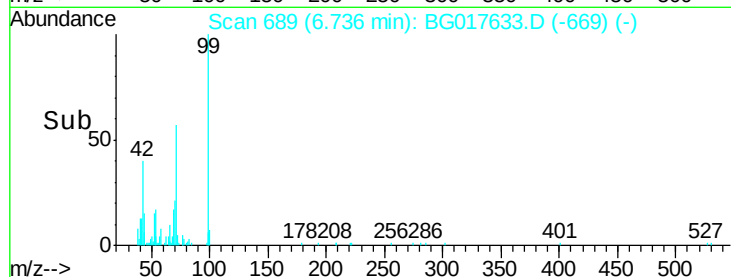
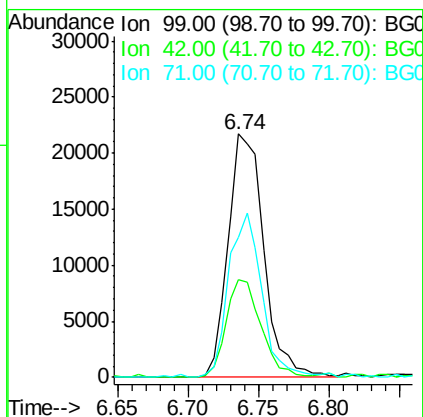
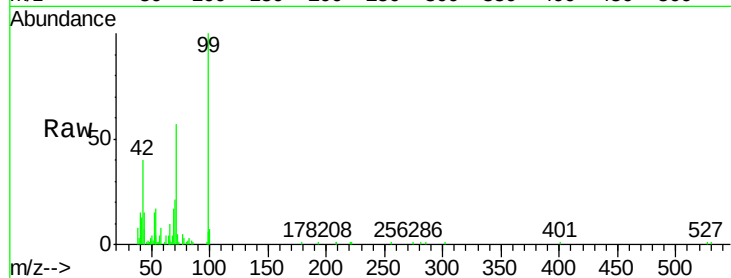
Tgt Ion: 99 Resp: 38337

Ion Ratio Lower Upper

99 100

42 40.0 21.0 31.6#

71 57.5 37.2 55.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1299

Delta R.T. -0.08 min

Lab File: BG017633.D

Acq: 12 Jun 2015 7:33

Tgt Ion: 136 Resp: 95202

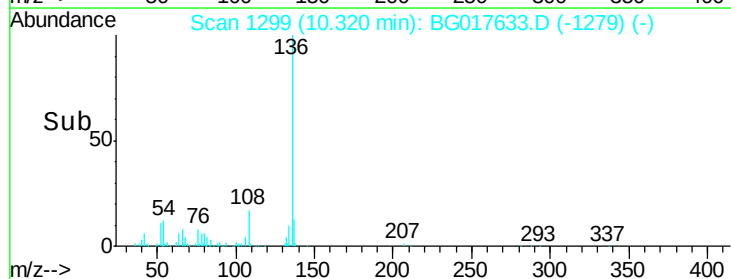
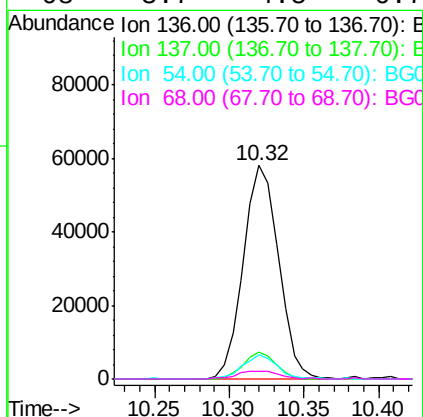
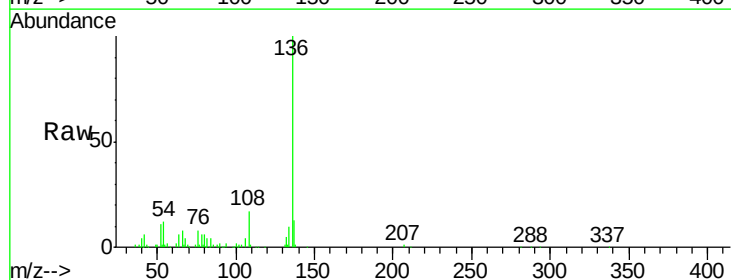
Ion Ratio Lower Upper

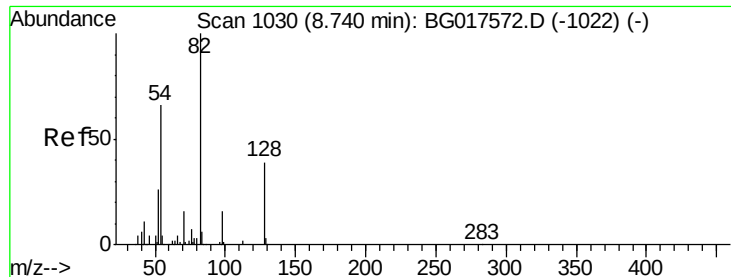
136 100

137 12.6 7.9 11.9#

54 11.5 7.2 10.8#

68 3.7 4.5 6.7#

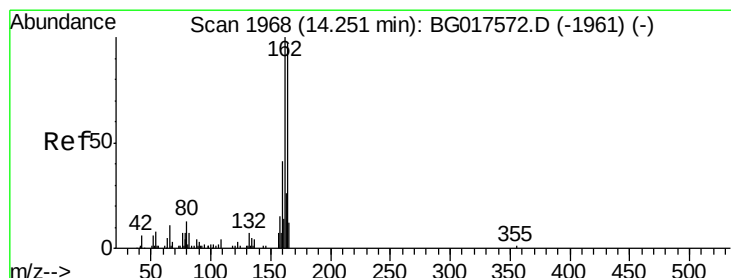
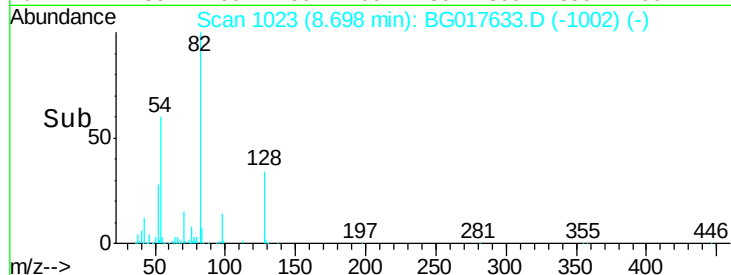
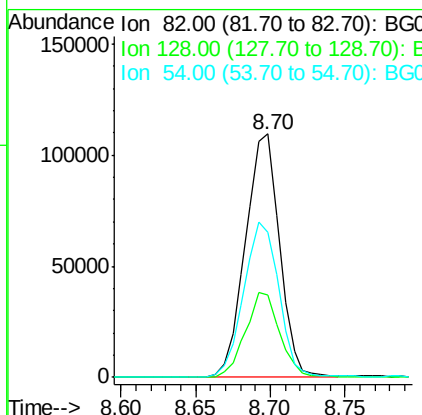
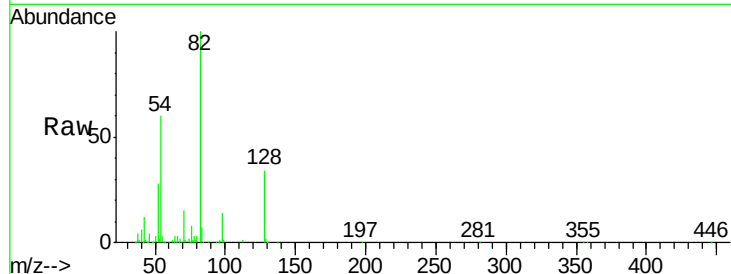




#23
 Nitrobenzene-d5
 Concen: 91.09 ng
 RT: 8.70 min Scan# 1023
 Delta R.T. -0.08 min
 Lab File: BG017633.D
 Acq: 12 Jun 2015 7:33

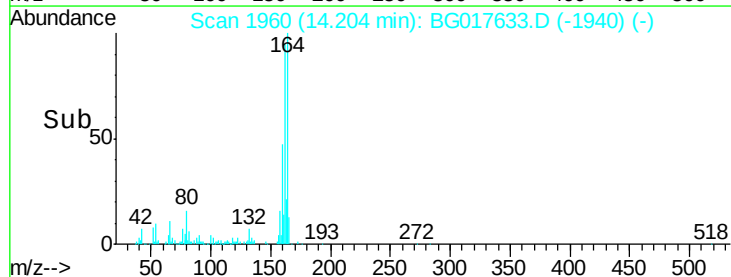
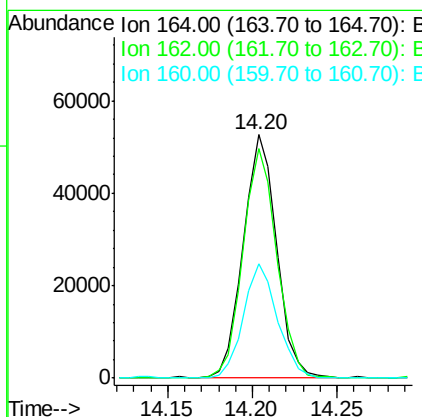
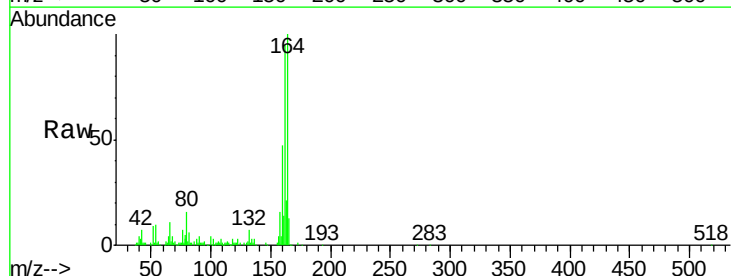
Instrument :
 BNA_G
 ClientSampleId :
 MW-5-6-3-15

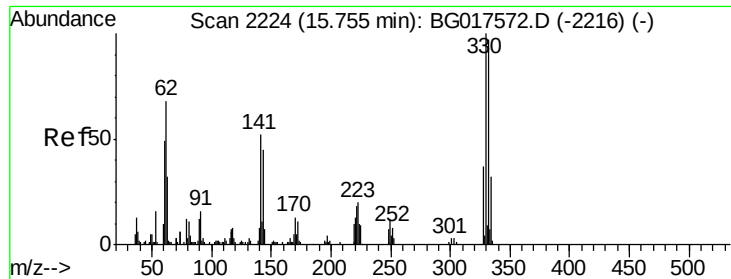
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.0	32.2	48.4
54	59.8	47.4	71.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1960
 Delta R.T. -0.08 min
 Lab File: BG017633.D
 Acq: 12 Jun 2015 7:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.5	81.8	122.6
160	46.9	31.0	46.4

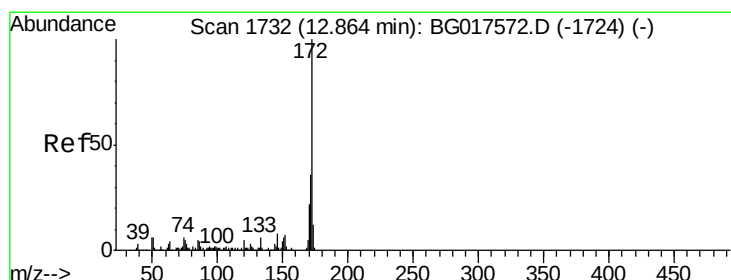
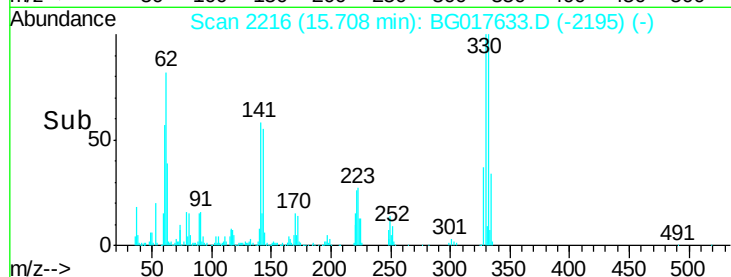
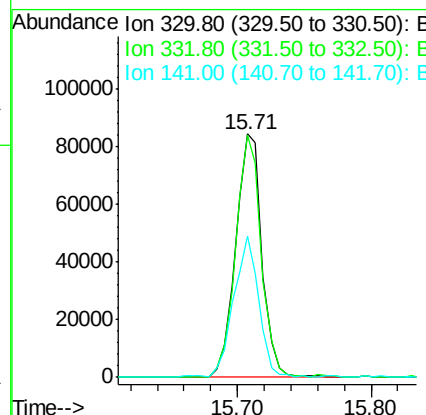
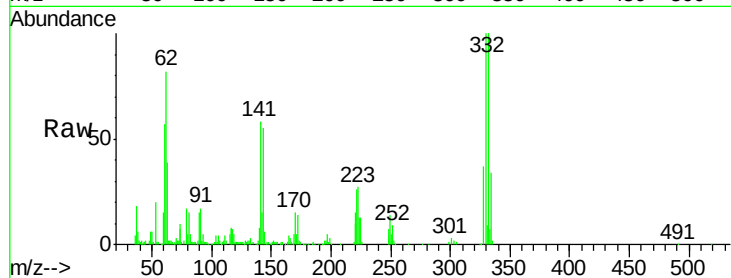




#41
 2,4,6-Tribromophenol
 Concen: 114.34 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.08 min
 Lab File: BG017633.D
 Acq: 12 Jun 2015 7:33

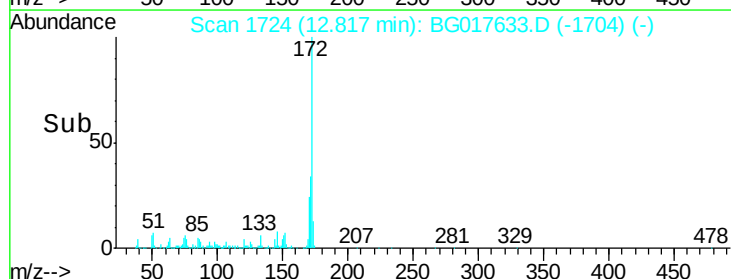
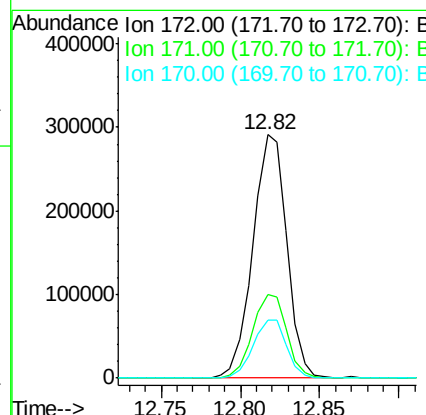
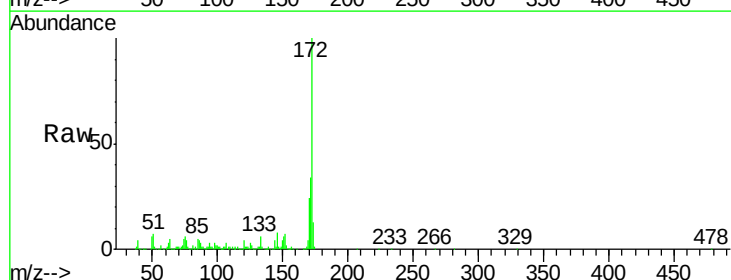
Instrument :
 BNA_G
 ClientSampled :
 MW-5-6-3-15

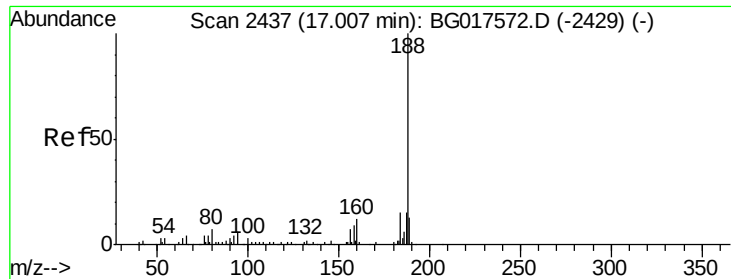
Tgt Ion:330 Resp: 115501
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.9 113.9
 141 56.6 40.2 60.4



#44
 2-Fluorobiphenyl
 Concen: 89.85 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.08 min
 Lab File: BG017633.D
 Acq: 12 Jun 2015 7:33

Tgt Ion:172 Resp: 433215
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.0 43.6
 170 23.8 18.9 28.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.08 min

Lab File: BG017633.D

Acq: 12 Jun 2015 7:33

Instrument :

BNA_G

ClientSampleId :

MW-5-6-3-15

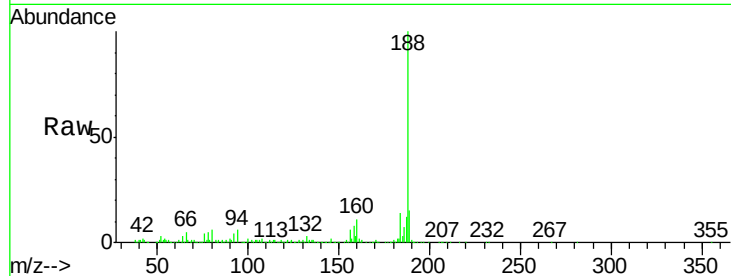
Tgt Ion:188 Resp: 180668

Ion Ratio Lower Upper

188 100

94 5.9 6.3 9.5#

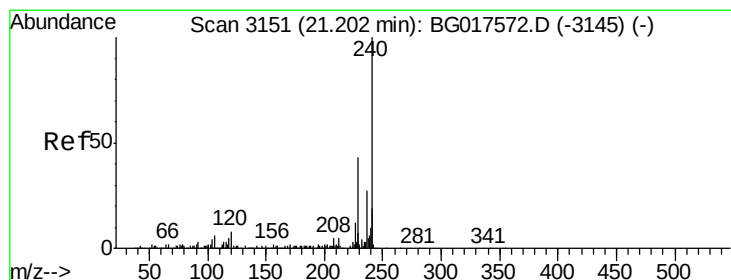
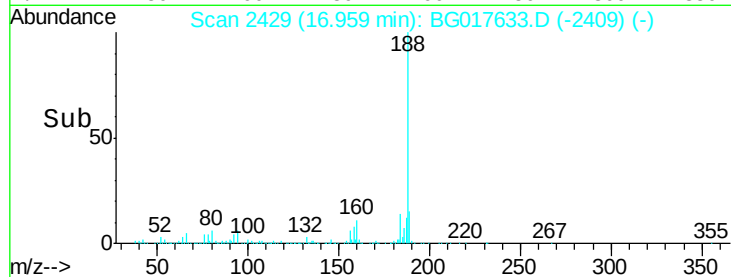
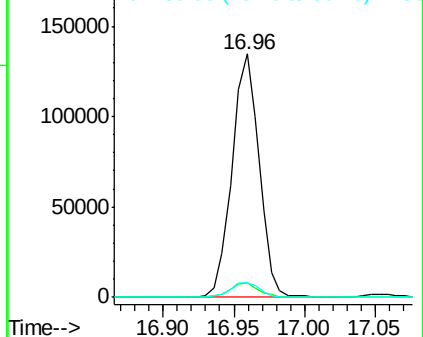
80 6.1 5.2 7.8



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: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.08 min

Lab File: BG017633.D

Acq: 12 Jun 2015 7:33

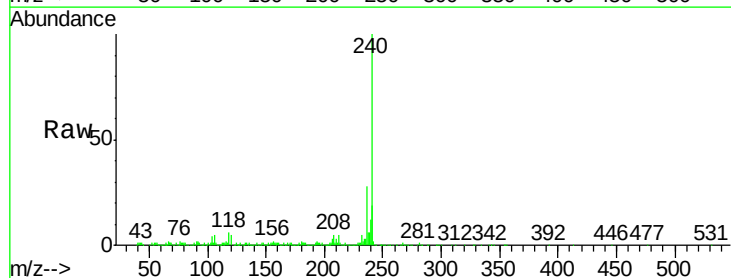
Tgt Ion:240 Resp: 204013

Ion Ratio Lower Upper

240 100

120 5.3 6.5 9.7#

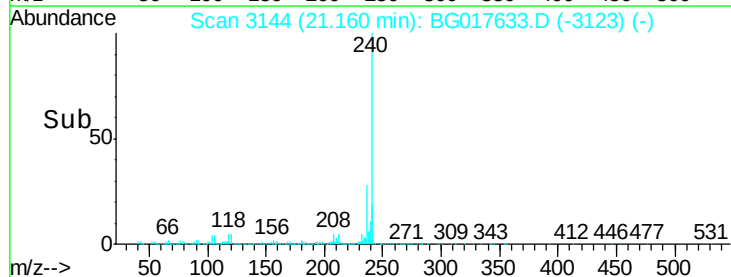
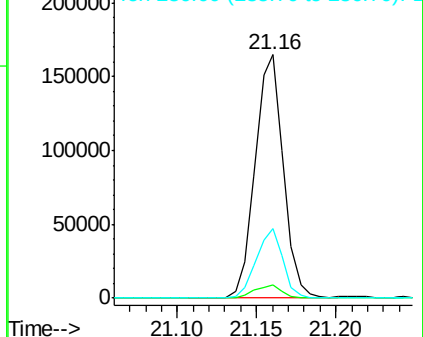
236 28.4 20.8 31.2

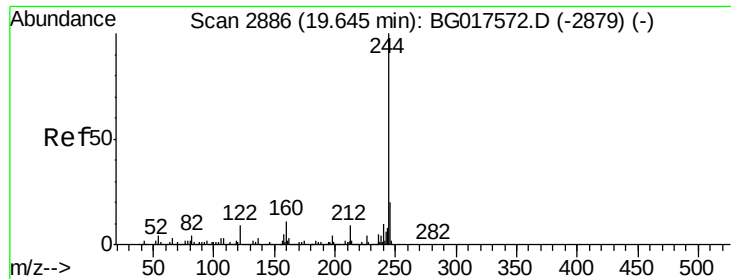


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.36 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.08 min

Lab File: BG017633.D

Acq: 12 Jun 2015 7:33

Instrument :

BNA_G

ClientSampleId :

MW-5-6-3-15

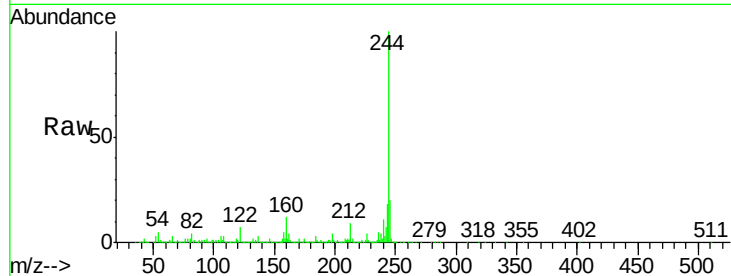
Tgt Ion:244 Resp: 862297

Ion Ratio Lower Upper

244 100

212 9.0 6.4 9.6

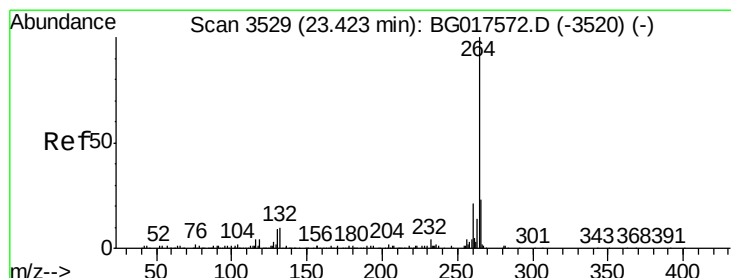
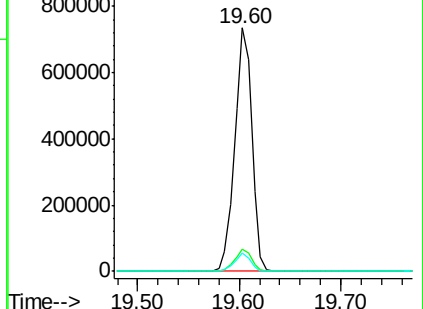
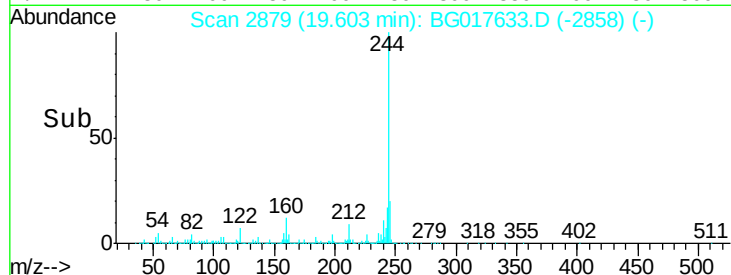
122 7.3 6.6 10.0



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: 20.00 ng

RT: 23.36 min Scan# 3518

Delta R.T. -0.12 min

Lab File: BG017633.D

Acq: 12 Jun 2015 7:33

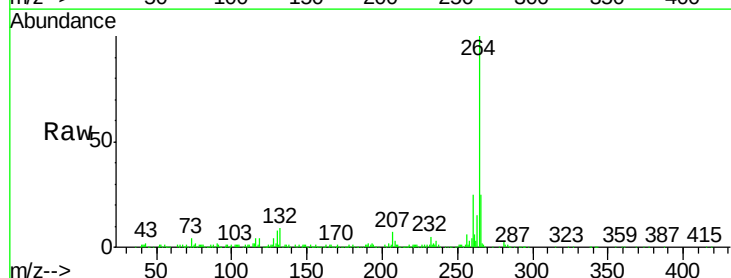
Tgt Ion:264 Resp: 196337

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.4

265 25.0 15.8 23.6#



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

