

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
 Data File : BG017625.D
 Acq On : 12 Jun 2015 00:33
 Operator : TP/IZ
 Sample : G2522-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11A

Quant Time: Jun 12 01:50:32 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 01:16:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	19301	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	78675	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	58411	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	159754	20.00	ng	0.00
75) Chrysene-d12	21.16	240	189017	20.00	ng	0.00
86) Perylene-d12	23.35	264	171280	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	80015	73.04	ng	0.00
7) Phenol-d6	6.74	99	67764	45.40	ng	0.00
23) Nitrobenzene-d5	8.69	82	173094	109.83	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	130529	160.89	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	432630	111.73	ng	0.00
78) Terphenyl-d14	19.61	244	867333	94.84	ng	0.00

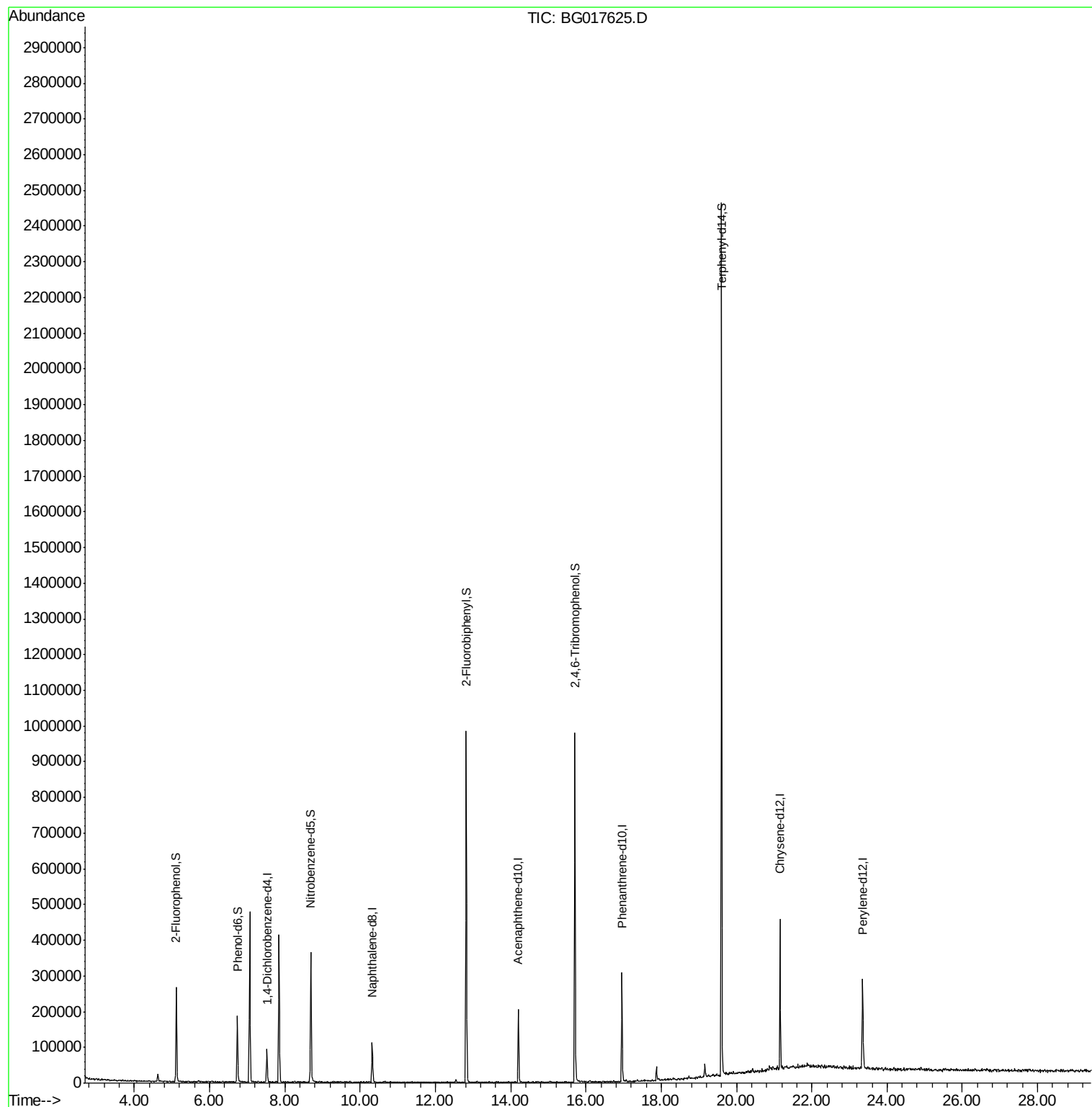
Target Compounds	Qvalue
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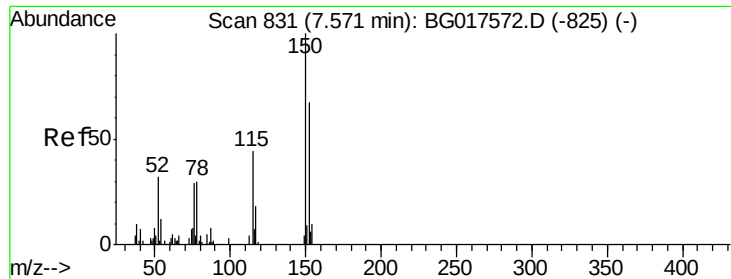
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Time: Jun 12 01:50:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
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QLast Update : Fri Jun 12 01:16:03 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.53 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG017625.D

Acq: 12 Jun 2015 00:33

Instrument :

BNA_G

ClientSampleId :

MW-11A

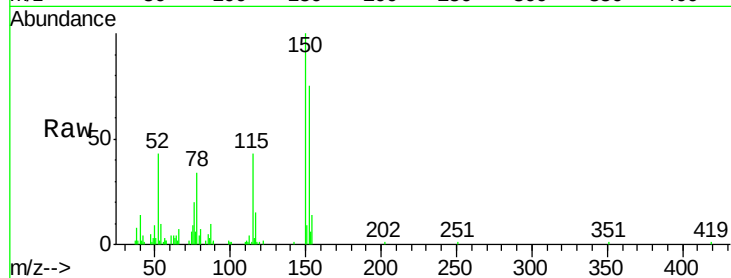
Tgt Ion:152 Resp: 19301

Ion Ratio Lower Upper

152 100

150 133.7 121.7 182.5

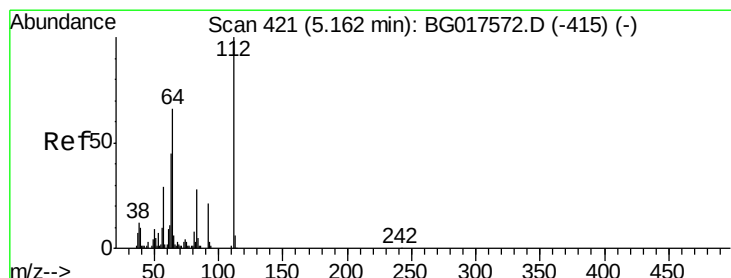
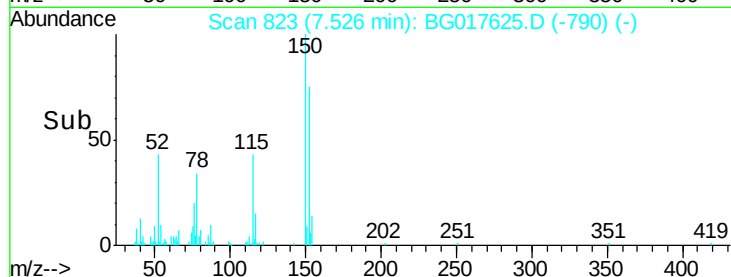
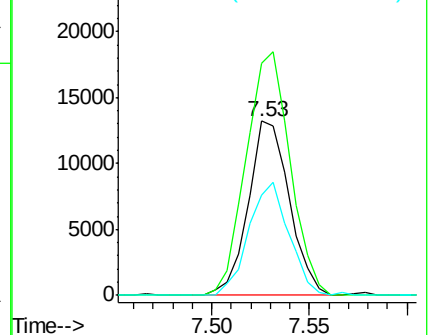
115 57.8 48.6 73.0



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: 73.04 ng

RT: 5.12 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG017625.D

Acq: 12 Jun 2015 00:33

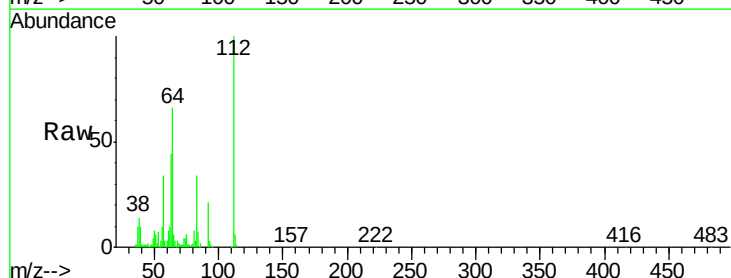
Tgt Ion:112 Resp: 80015

Ion Ratio Lower Upper

112 100

64 65.6 51.6 77.4

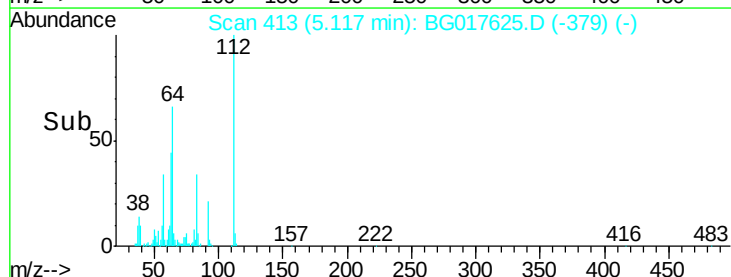
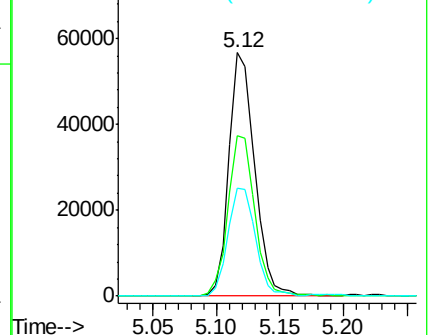
63 44.4 33.3 49.9

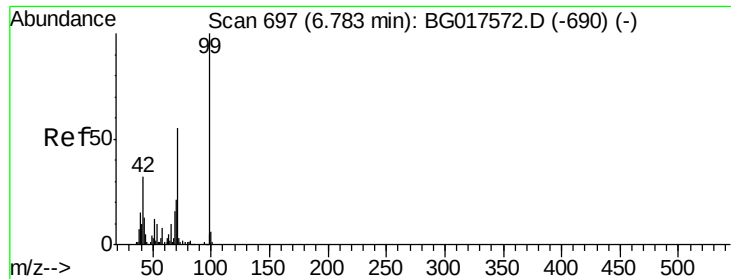


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 45.40 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017625.D

Acq: 12 Jun 2015 00:33

Instrument :

BNA_G

ClientSampleId :

MW-11A

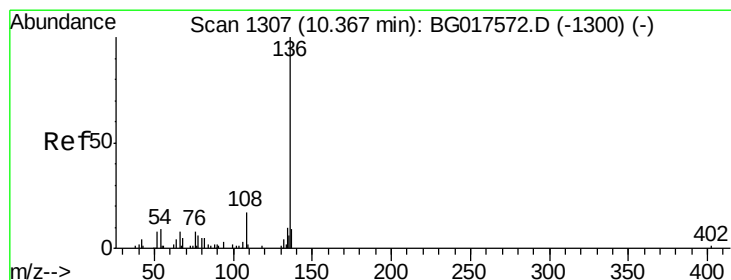
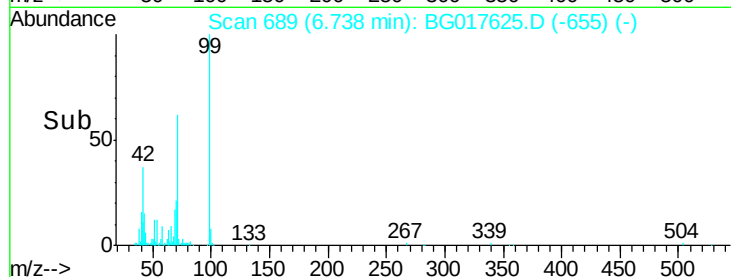
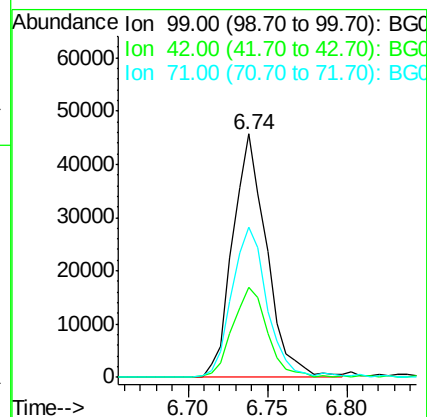
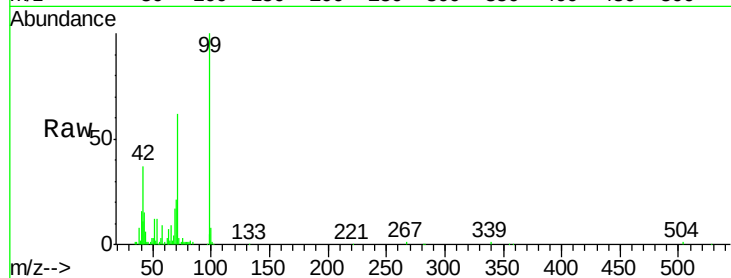
Tgt Ion: 99 Resp: 67764

Ion Ratio Lower Upper

99 100

42 36.8 21.0 31.6#

71 61.6 37.2 55.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.33 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG017625.D

Acq: 12 Jun 2015 00:33

Tgt Ion: 136 Resp: 78675

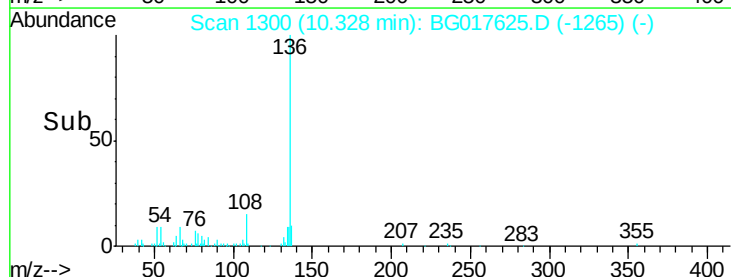
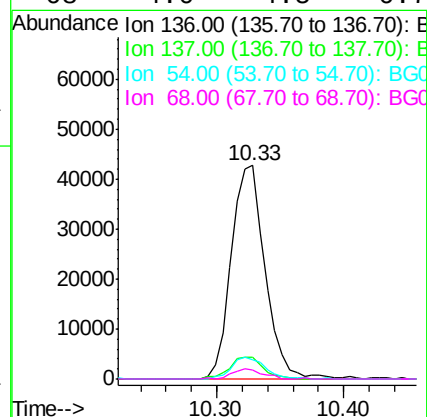
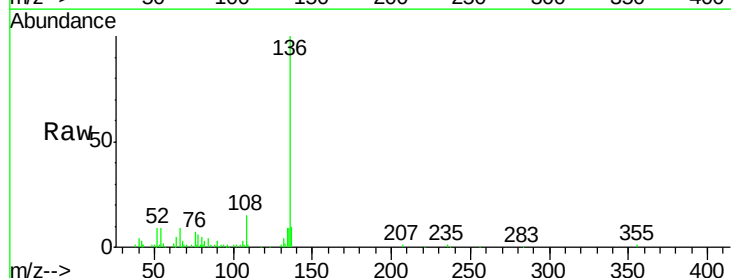
Ion Ratio Lower Upper

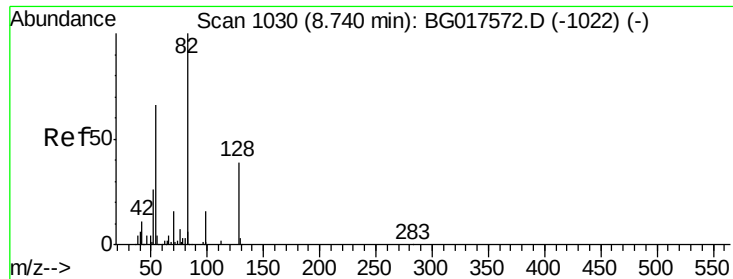
136 100

137 10.1 7.9 11.9

54 9.2 7.2 10.8

68 4.0 4.5 6.7#

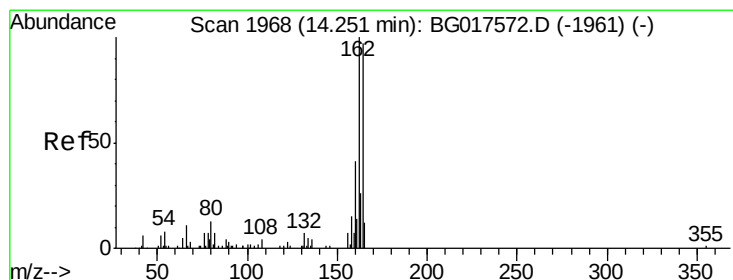
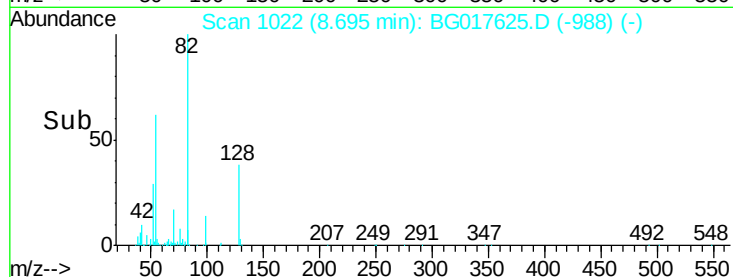
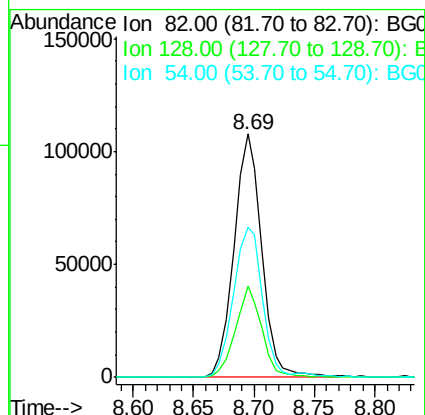
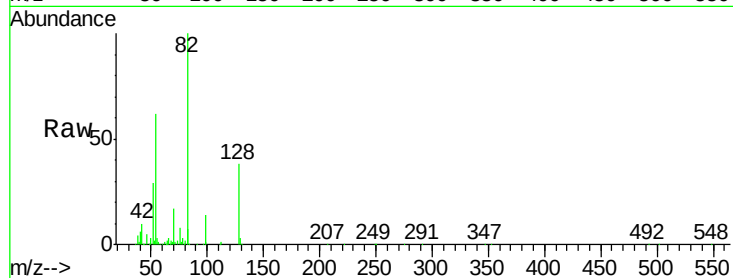




#23
 Nitrobenzene-d5
 Concen: 109.83 ng
 RT: 8.69 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG017625.D
 Acq: 12 Jun 2015 00:33

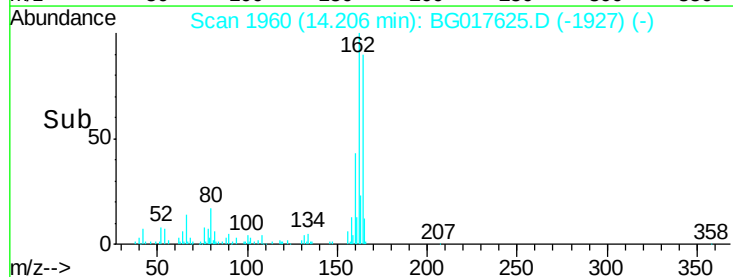
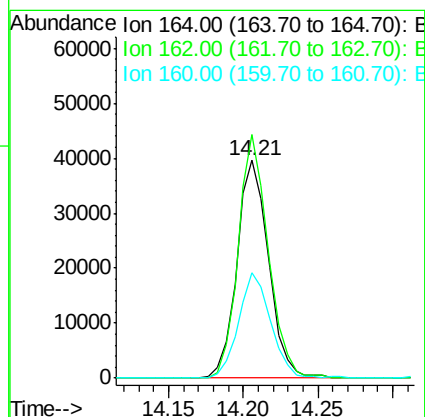
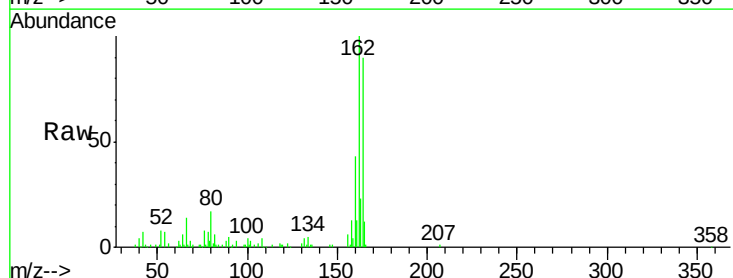
Instrument :
 BNA_G
 ClientSampleId :
 MW-11A

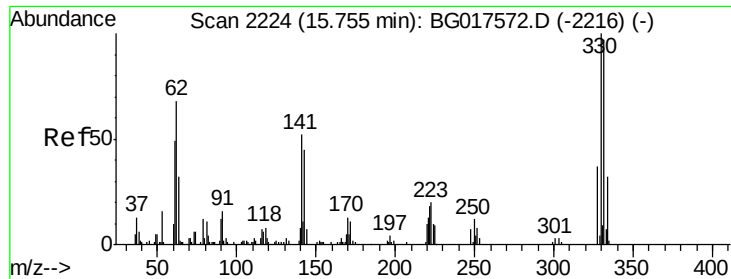
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.6	32.2	48.4
54	61.8	47.4	71.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG017625.D
 Acq: 12 Jun 2015 00:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	111.7	81.8	122.6
160	48.4	31.0	46.4

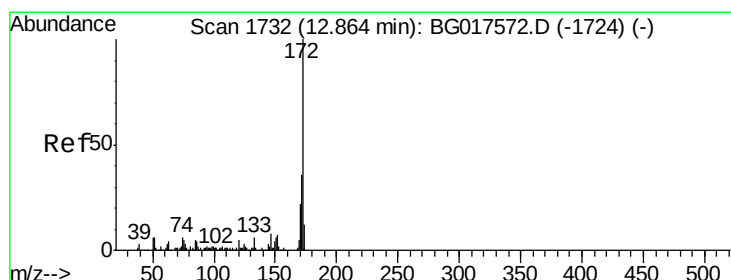
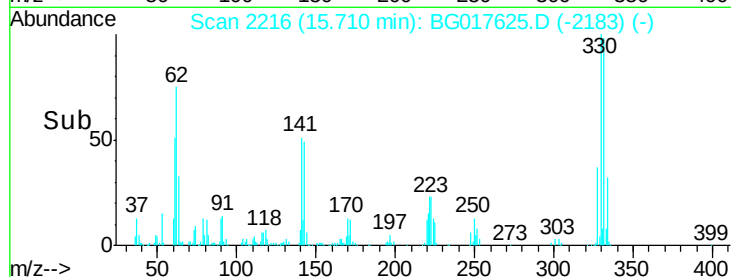
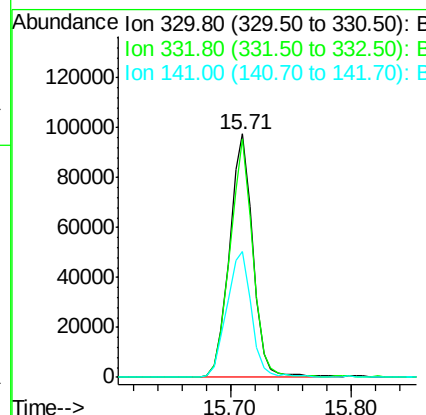
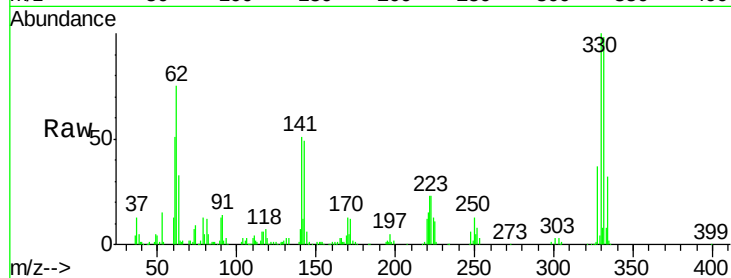




#41
2,4,6-Tribromophenol
Concen: 160.89 ng
RT: 15.71 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG017625.D
Acq: 12 Jun 2015 00:33

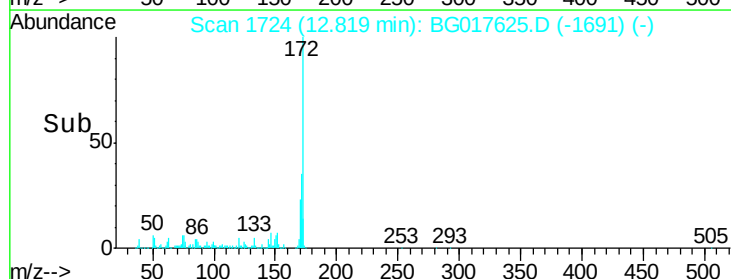
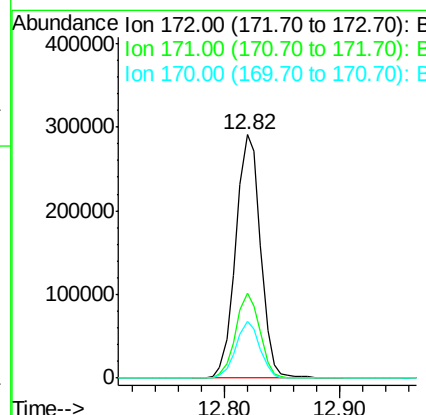
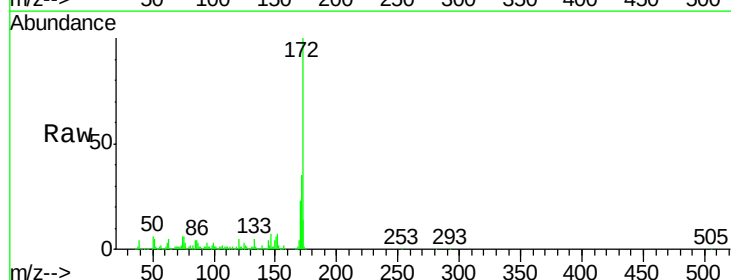
Instrument :
BNA_G
ClientSampleId :
MW-11A

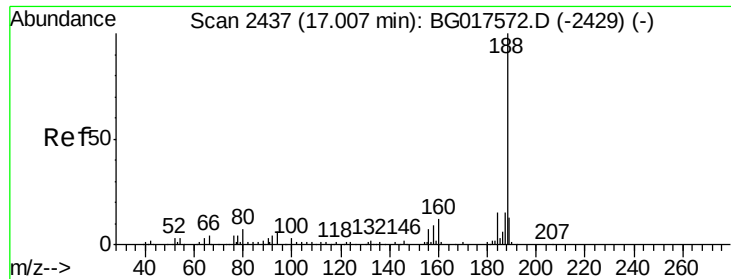
Tgt Ion:330 Resp: 130529
Ion Ratio Lower Upper
330 100
332 95.9 75.9 113.9
141 54.7 40.2 60.4



#44
2-Fluorobiphenyl
Concen: 111.73 ng
RT: 12.82 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG017625.D
Acq: 12 Jun 2015 00:33

Tgt Ion:172 Resp: 432630
Ion Ratio Lower Upper
172 100
171 34.6 29.0 43.6
170 23.3 18.9 28.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG017625.D

Acq: 12 Jun 2015 00:33

Instrument :

BNA_G

ClientSampleId :

MW-11A

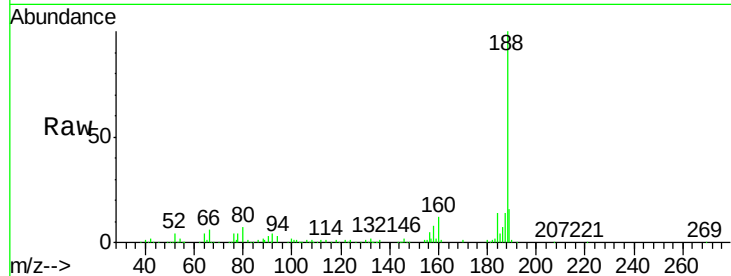
Tgt Ion:188 Resp: 159754

Ion Ratio Lower Upper

188 100

94 3.4 6.3 9.5#

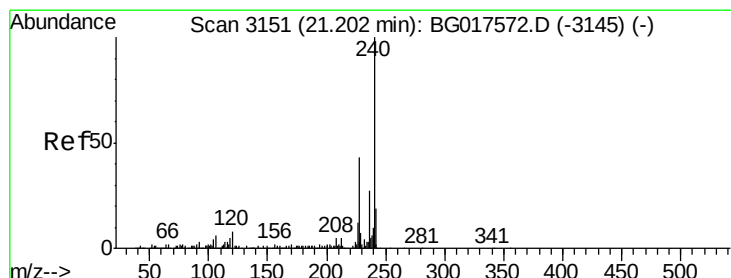
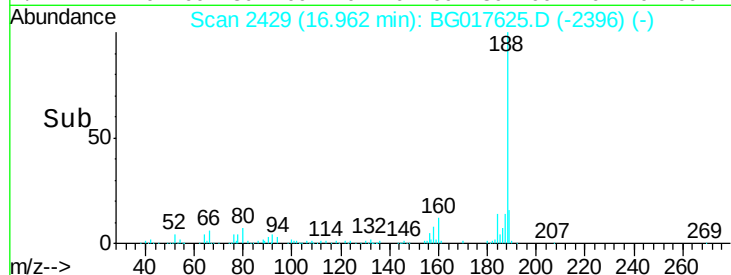
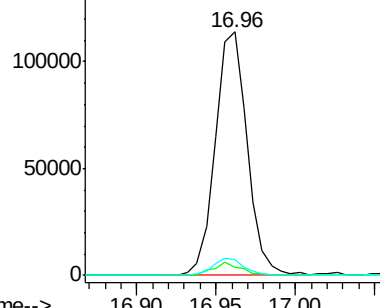
80 6.6 5.2 7.8



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# 3143

Delta R.T. -0.01 min

Lab File: BG017625.D

Acq: 12 Jun 2015 00:33

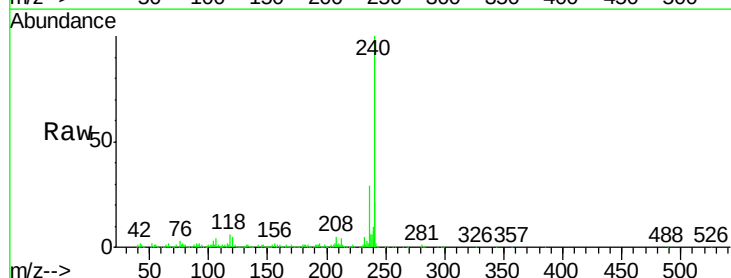
Tgt Ion:240 Resp: 189017

Ion Ratio Lower Upper

240 100

120 5.0 6.5 9.7#

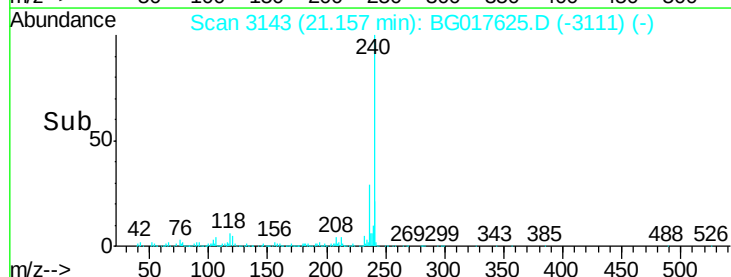
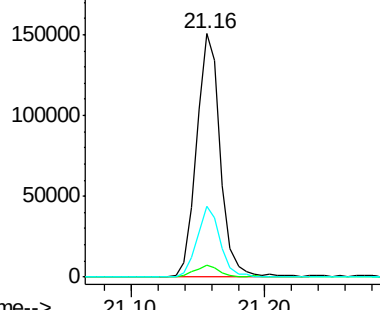
236 28.9 20.8 31.2

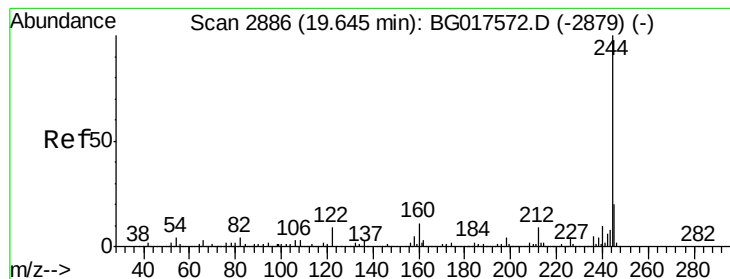


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.84 ng

RT: 19.61 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017625.D

Acq: 12 Jun 2015 00:33

Instrument :

BNA_G

ClientSampleId :

MW-11A

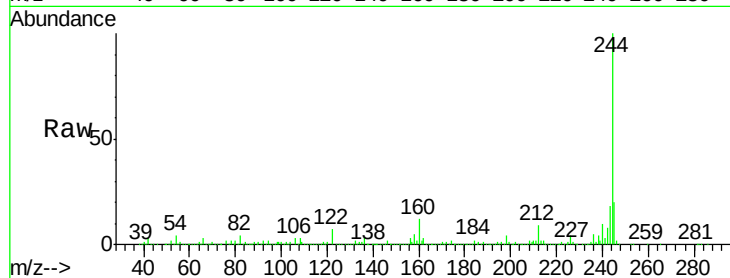
Tgt Ion:244 Resp: 867333

Ion Ratio Lower Upper

244 100

212 9.3 6.4 9.6

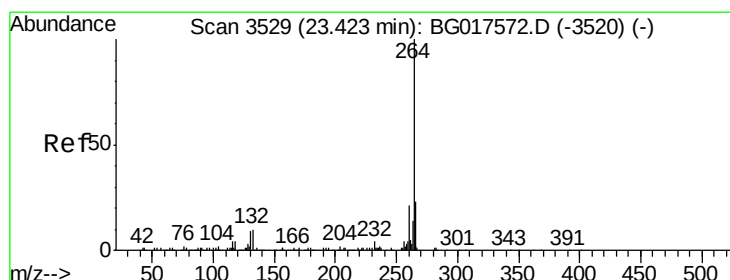
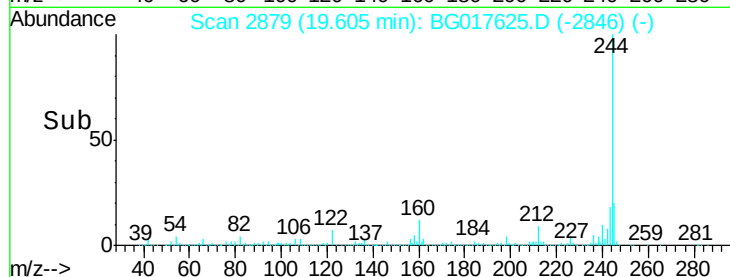
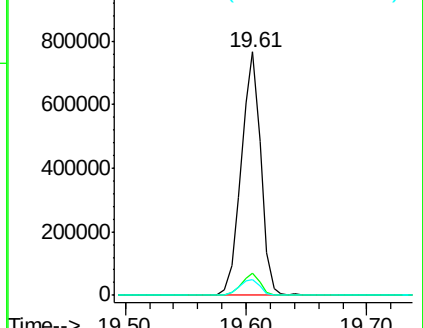
122 6.7 6.6 10.0



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: 23.35 min Scan# 3517

Delta R.T. -0.02 min

Lab File: BG017625.D

Acq: 12 Jun 2015 00:33

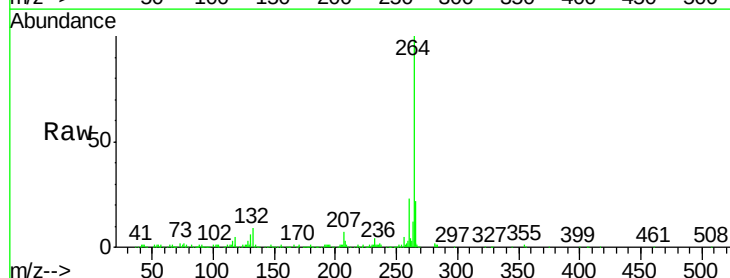
Tgt Ion:264 Resp: 171280

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 22.2 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

