

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017659.D
 Acq On : 13 Jun 2015 5:29
 Operator : TP/IZ
 Sample : G2627-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-30

Quant Time: Jun 13 06:38:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:22:44 2015
 Response via : Initial Calibration

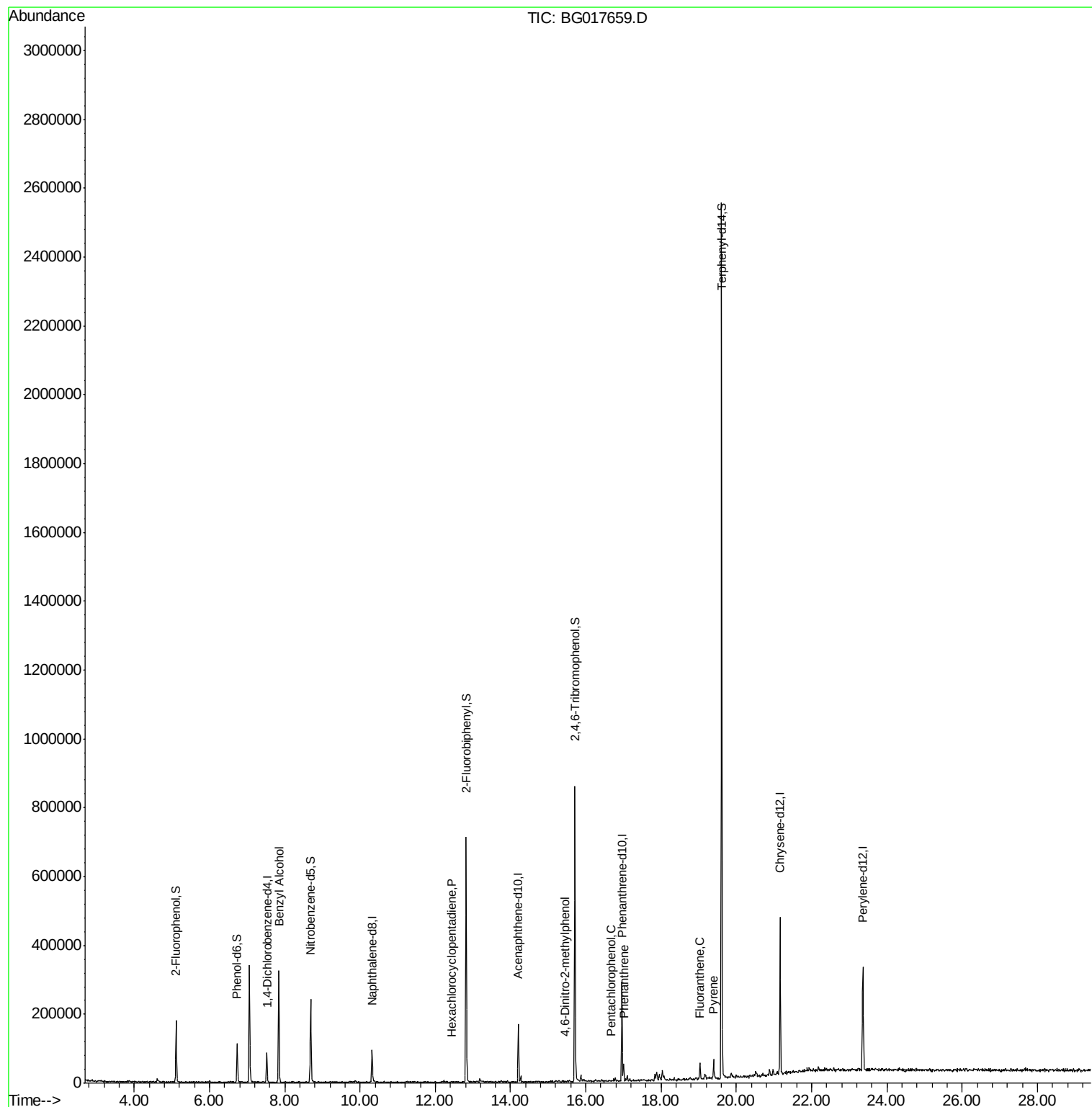
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	17010	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	60575	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	48187	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	144233	20.00	ng	0.00
75) Chrysene-d12	21.16	240	216425	20.00	ng	0.00
86) Perylene-d12	23.36	264	222393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	58300	66.38	ng	0.00
7) Phenol-d6	6.73	99	49095	38.15	ng	0.00
23) Nitrobenzene-d5	8.69	82	131265	90.96	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	125391	150.75	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	310113	89.01	ng	0.00
78) Terphenyl-d14	19.61	244	938206	90.43	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.84	79	3334	2.35	ng	# 45
40) Hexachlorocyclopentadiene	12.43	237	62	5.08	ng	# 25
64) 4,6-Dinitro-2-methylphenol	15.44	198	73	5.31	ng	# 34
69) Pentachlorophenol	16.67	266	55	6.24	ng	# 17
70) Phenanthrene	17.00	178	25033	3.11	ng	96
74) Fluoranthene	19.03	202	24040	2.09	ng	95
77) Pyrene	19.40	202	29255	2.39	ng	97

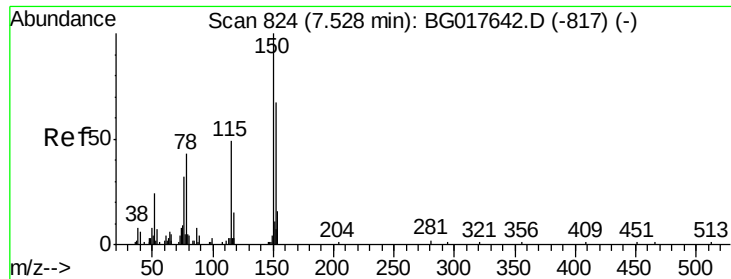
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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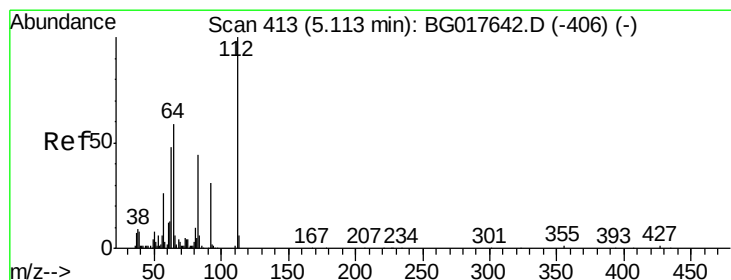
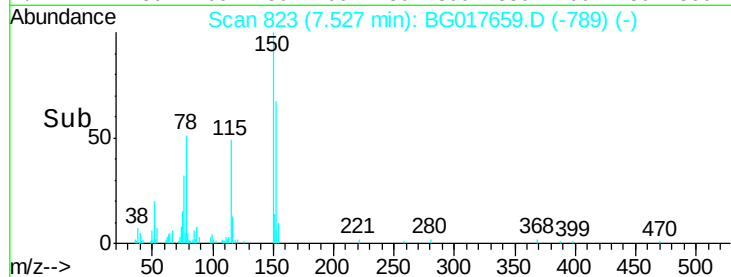
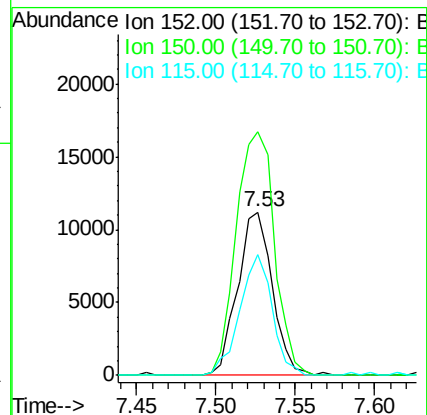
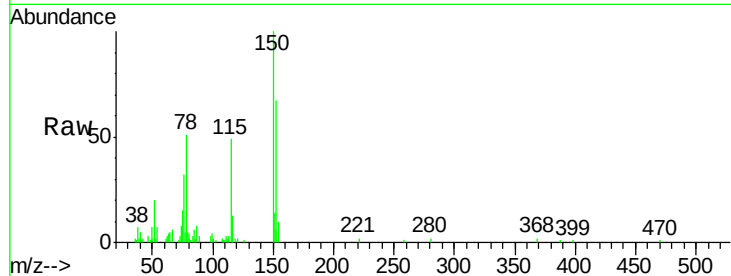


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017659.D
Acq: 13 Jun 2015 5:29

Instrument :
BNA_G
ClientSampleId :
MW-30

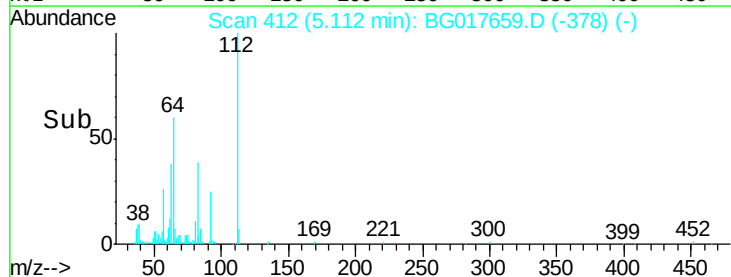
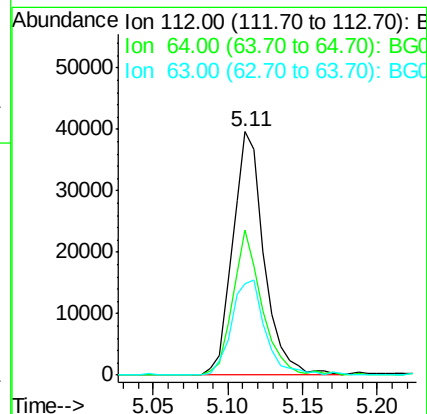
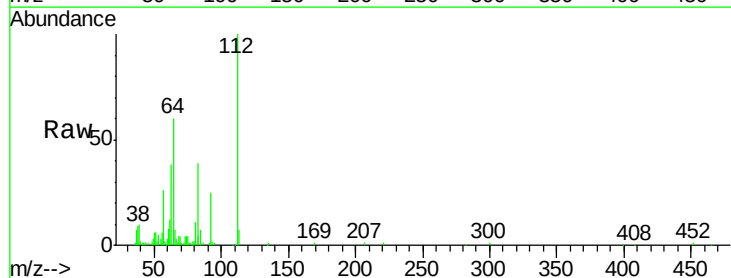
Tgt Ion:152 Resp: 17010
Ion Ratio Lower Upper
152 100
150 149.3 119.4 179.0
115 73.7 58.2 87.2

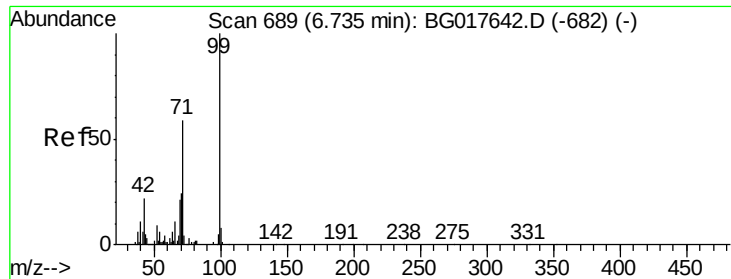


#5

2-Fluorophenol
Concen: 66.38 ng
RT: 5.11 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG017659.D
Acq: 13 Jun 2015 5:29

Tgt Ion:112 Resp: 58300
Ion Ratio Lower Upper
112 100
64 59.6 47.0 70.6
63 37.5 38.6 58.0#





#7

Phenol-d6

Concen: 38.15 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

Instrument :

BNA_G

ClientSampleId :

MW-30

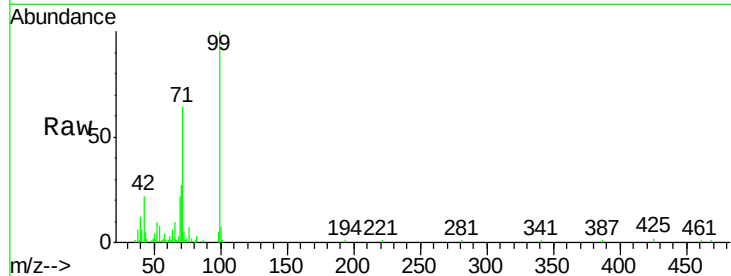
Tgt Ion: 99 Resp: 49095

Ion Ratio Lower Upper

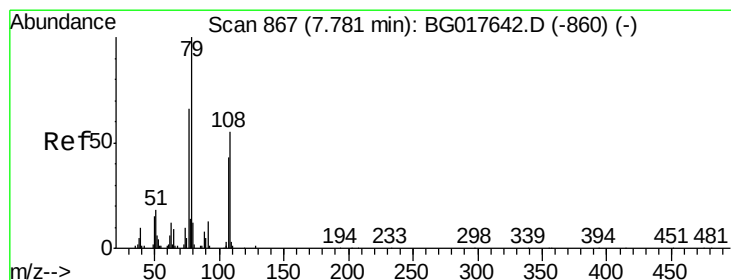
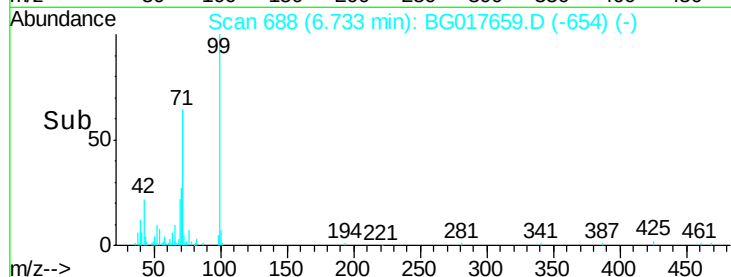
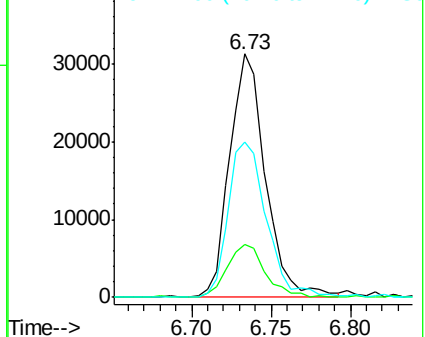
99 100

42 21.8 17.4 26.2

71 63.8 47.4 71.0



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



#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 7.84 min Scan# 876

Delta R.T. 0.06 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

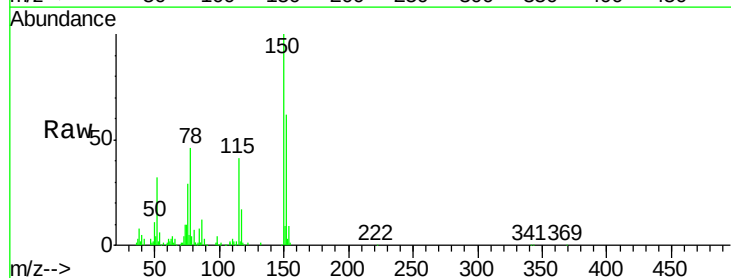
Tgt Ion: 79 Resp: 3334

Ion Ratio Lower Upper

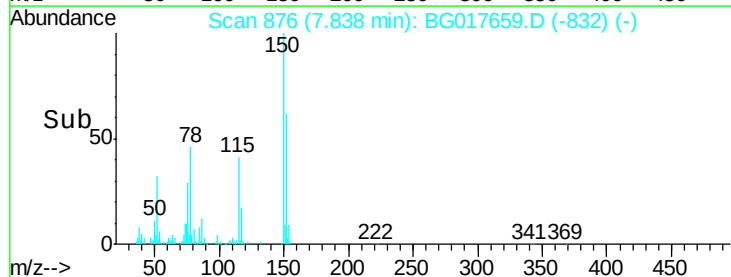
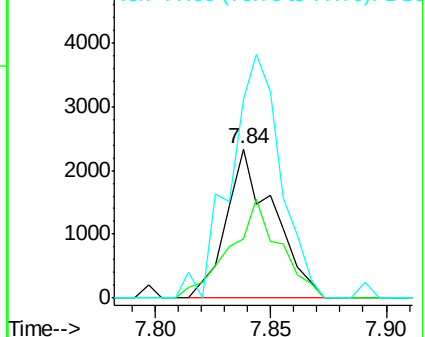
79 100

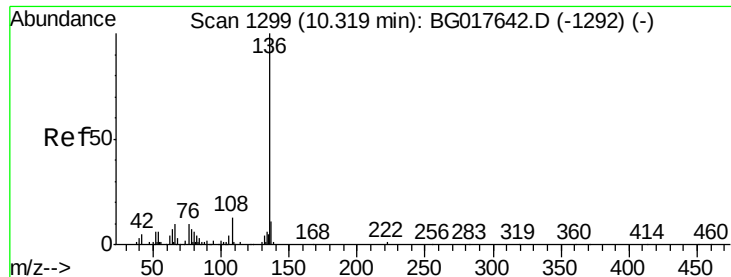
108 39.8 44.6 67.0#

77 133.1 53.1 79.7#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

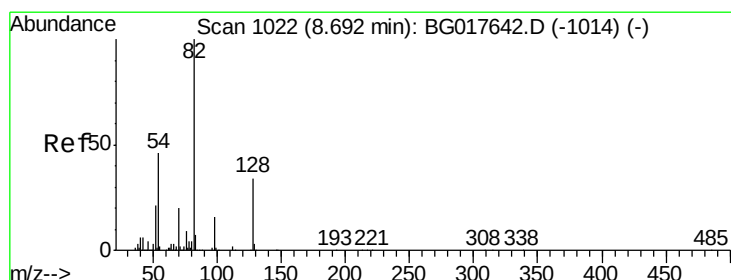
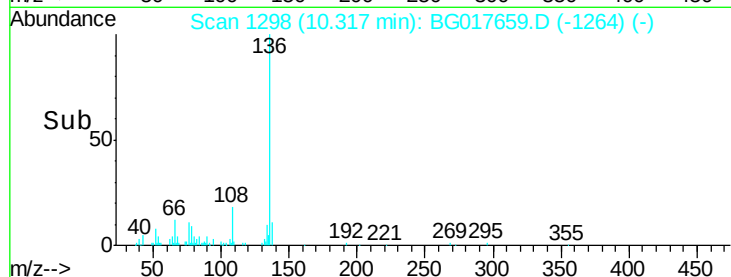
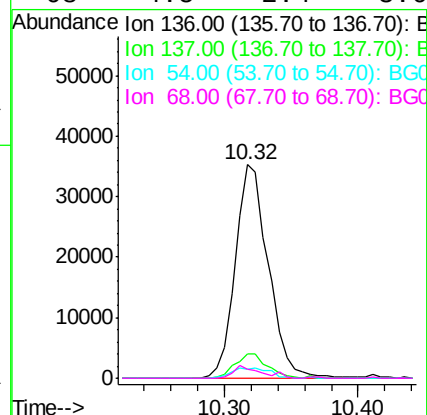
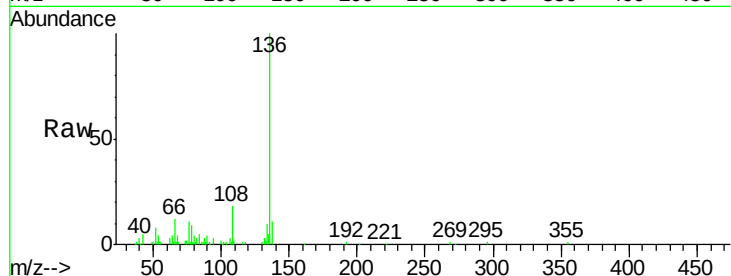




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG017659.D
Acq: 13 Jun 2015 5:29

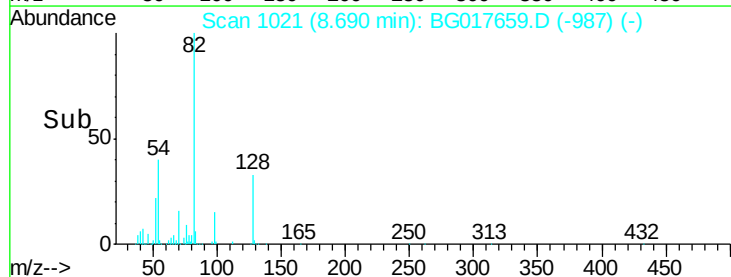
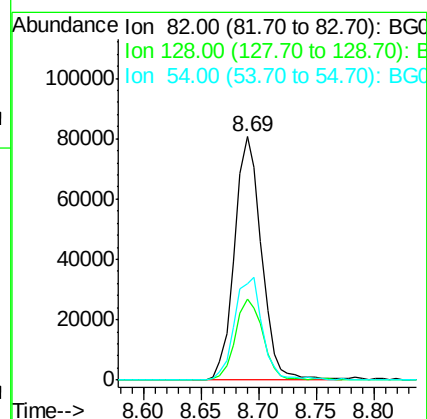
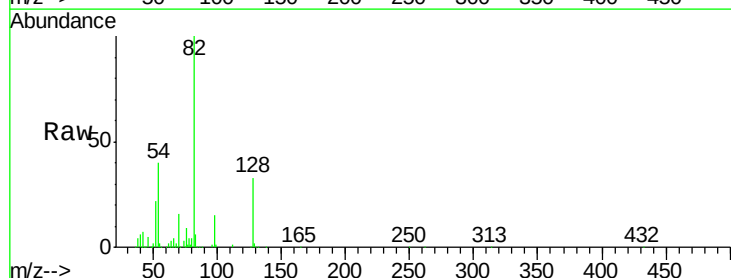
Instrument :
BNA_G
ClientSampleId :
MW-30

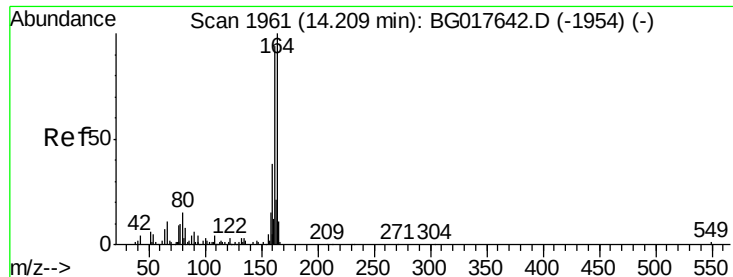
Tgt Ion:	136	Resp:	60575
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	4.5	4.7	7.1#
68	4.5	2.4	3.6#



#23
Nitrobenzene-d5
Concen: 90.96 ng
RT: 8.69 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG017659.D
Acq: 13 Jun 2015 5:29

Tgt Ion:	82	Resp:	131265
Ion	Ratio	Lower	Upper
82	100		
128	33.3	27.3	40.9
54	39.5	37.0	55.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.21 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

Instrument :

BNA_G

ClientSampleId :

MW-30

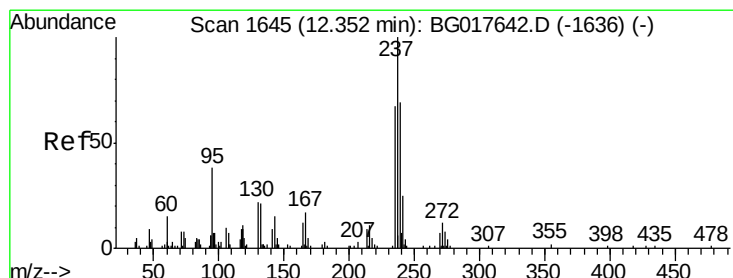
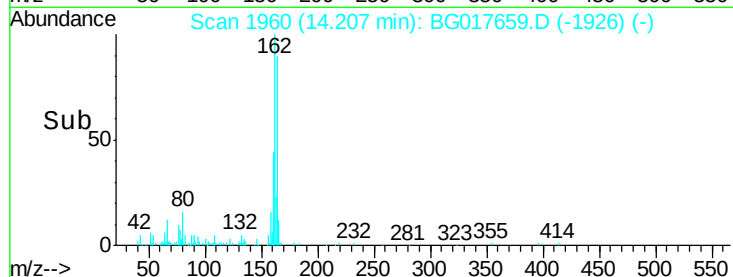
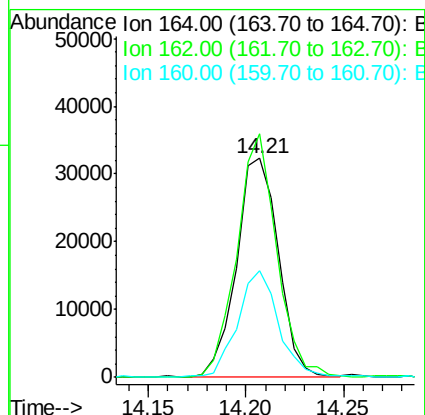
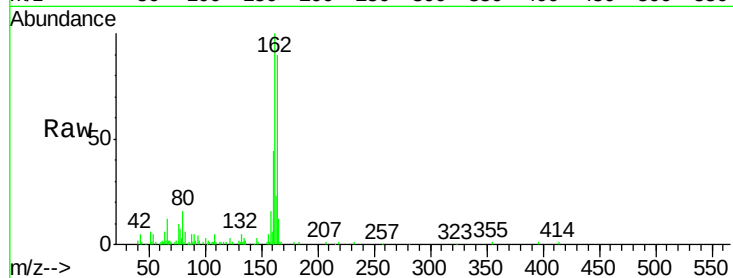
Tgt Ion:164 Resp: 48187

Ion Ratio Lower Upper

164 100

162 111.2 75.0 112.4

160 48.6 30.3 45.5#



#40

Hexachlorocyclopentadiene

Concen: 5.08 ng

RT: 12.43 min Scan# 1657

Delta R.T. 0.07 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

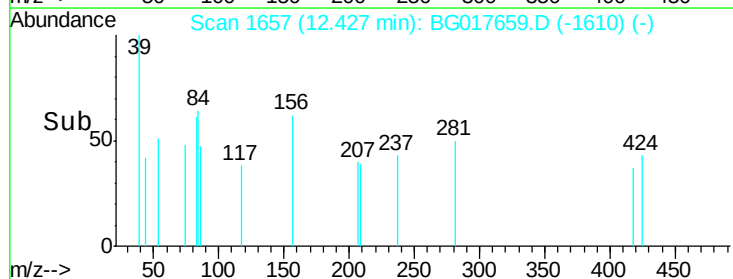
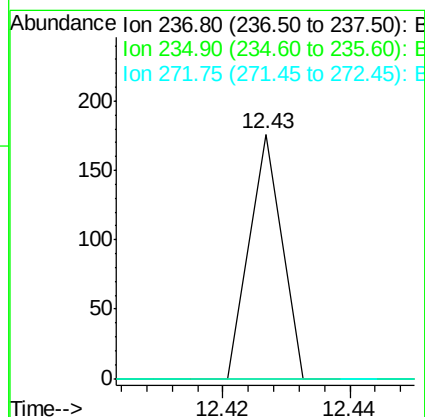
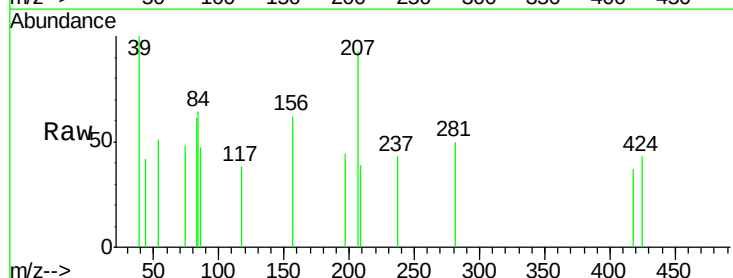
Tgt Ion:237 Resp: 62

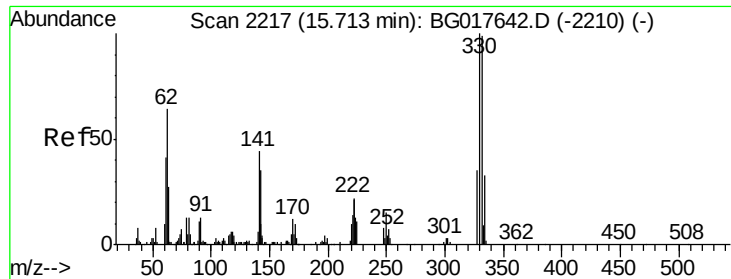
Ion Ratio Lower Upper

237 100

235 0.0 46.6 86.6#

272 0.0 0.0 32.3

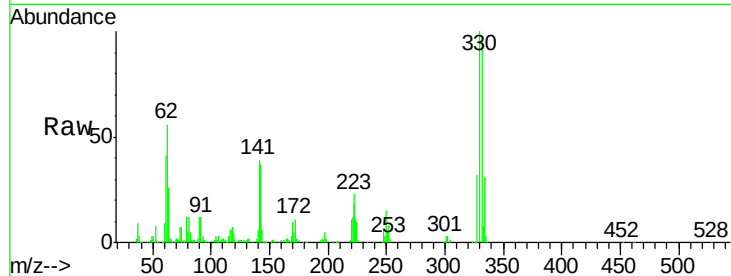




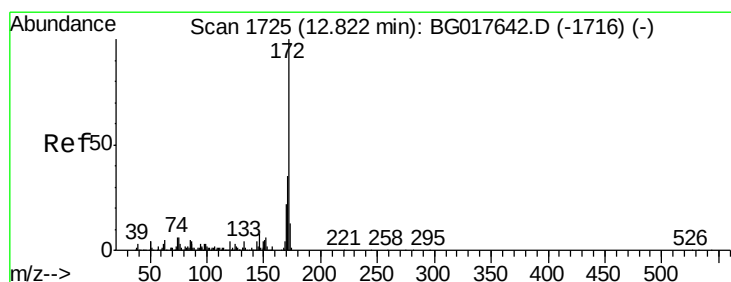
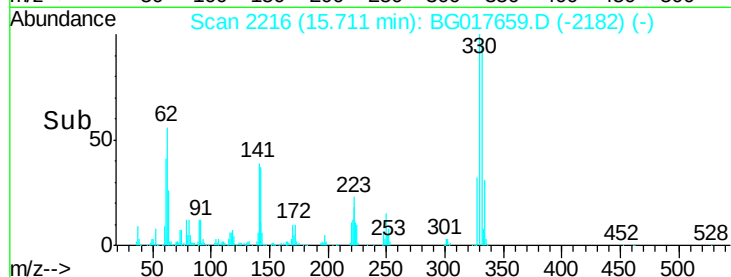
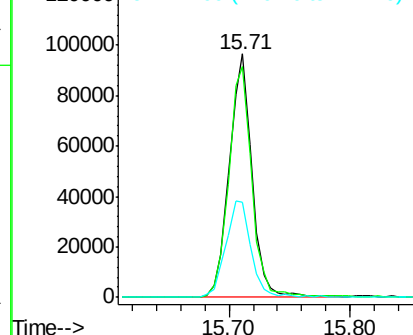
#41
 2,4,6-Tribromophenol
 Concen: 150.75 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017659.D
 Acq: 13 Jun 2015 5:29

Instrument :
 BNA_G
 ClientSampleId :
 MW-30

Tgt Ion:330 Resp: 125391
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 43.8 34.6 51.8

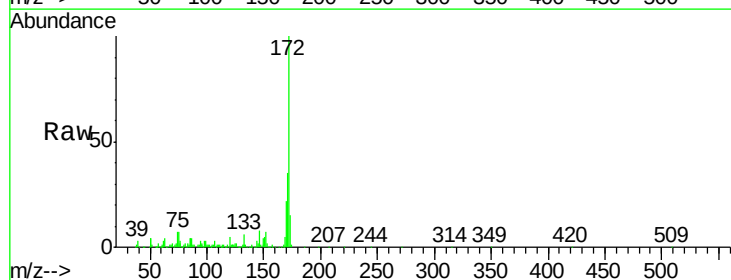


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

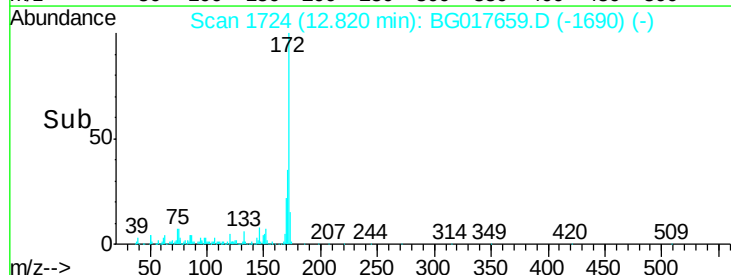
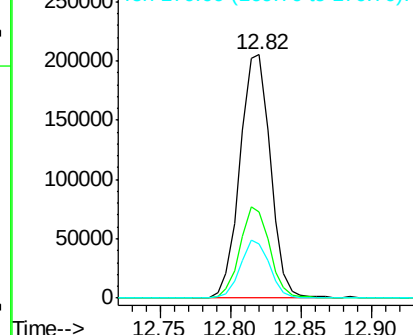


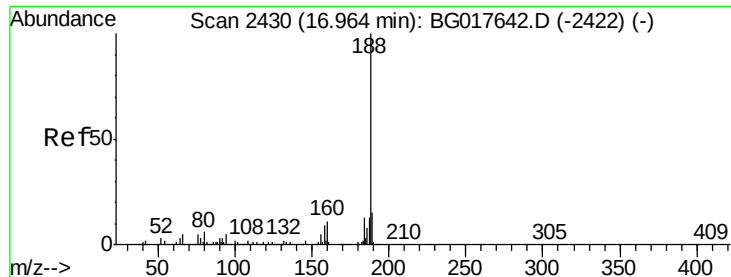
#44
 2-Fluorobiphenyl
 Concen: 89.01 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017659.D
 Acq: 13 Jun 2015 5:29

Tgt Ion:172 Resp: 310113
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.2
 170 22.1 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

Instrument :

BNA_G

ClientSampleId :

MW-30

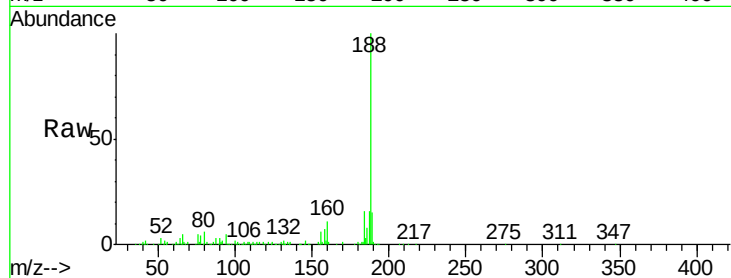
Tgt Ion:188 Resp: 144233

Ion Ratio Lower Upper

188 100

94 4.7 3.9 5.9

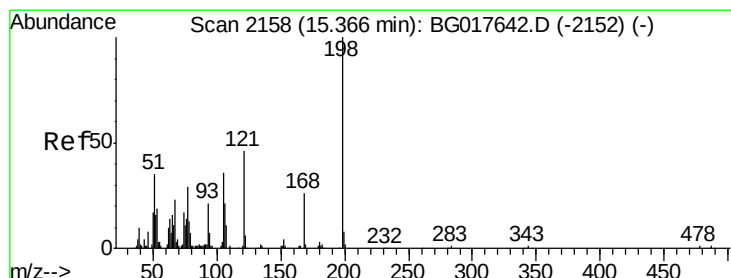
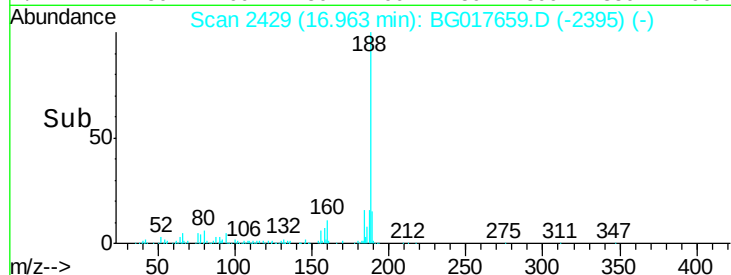
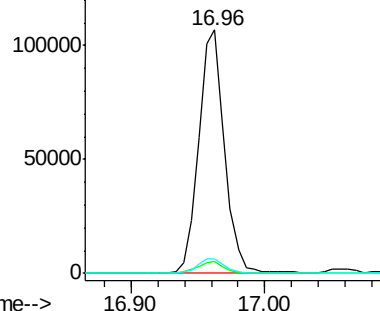
80 6.2 5.0 7.6



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.31 ng

RT: 15.44 min Scan# 2170

Delta R.T. 0.07 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

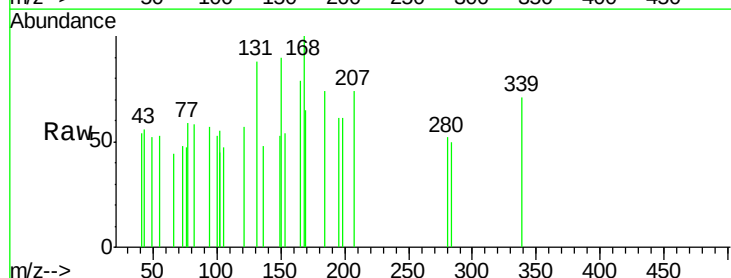
Tgt Ion:198 Resp: 73

Ion Ratio Lower Upper

198 100

51 0.0 16.2 56.2#

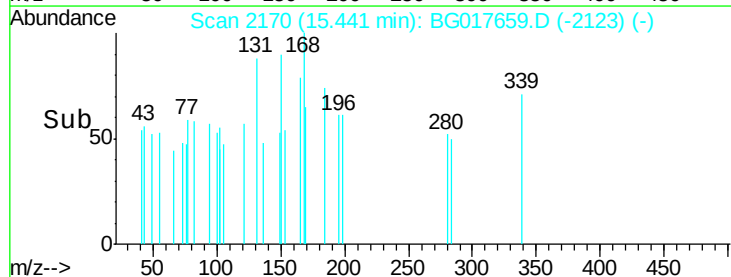
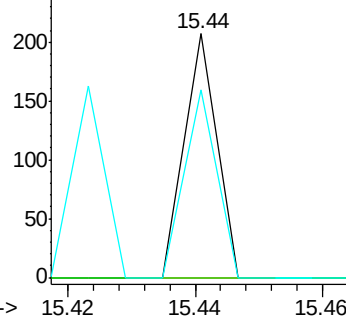
105 76.8 15.7 55.7#

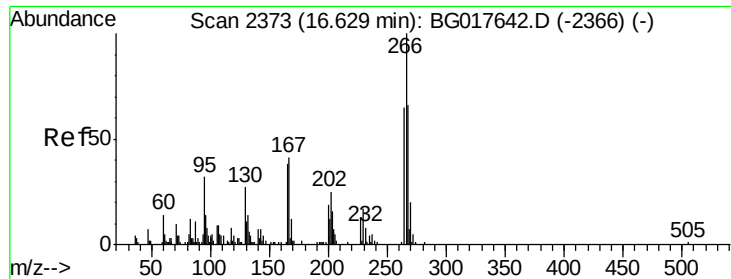


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

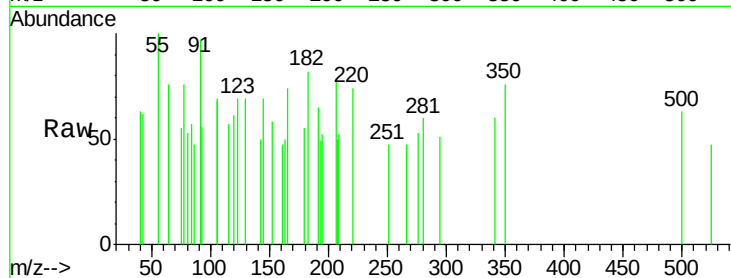




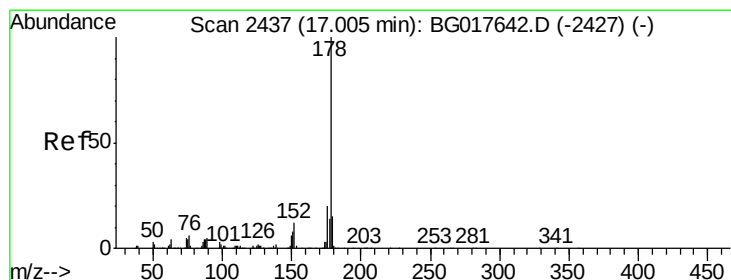
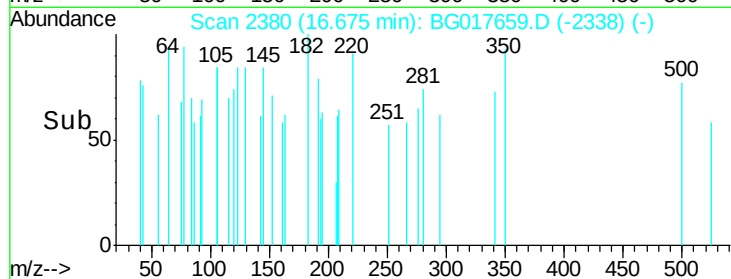
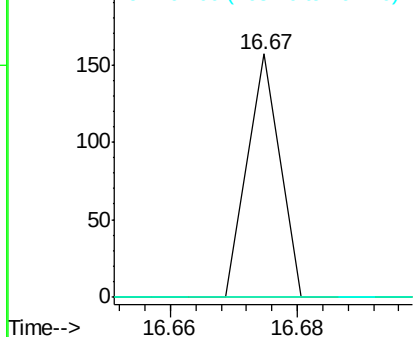
#69
 Pentachlorophenol
 Concen: 6.24 ng
 RT: 16.67 min Scan# 2380
 Delta R.T. 0.05 min
 Lab File: BG017659.D
 Acq: 13 Jun 2015 5:29

Instrument :
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Tgt Ion:266 Resp: 55
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.7 79.1#
 264 0.0 52.2 78.4#

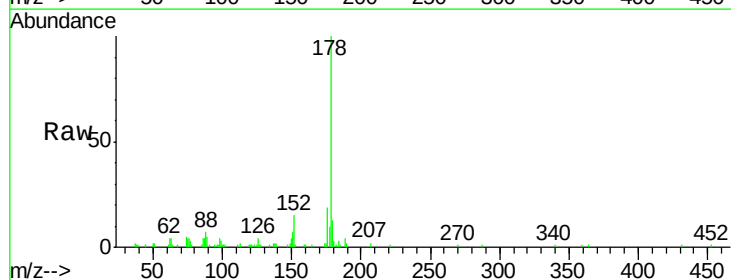


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

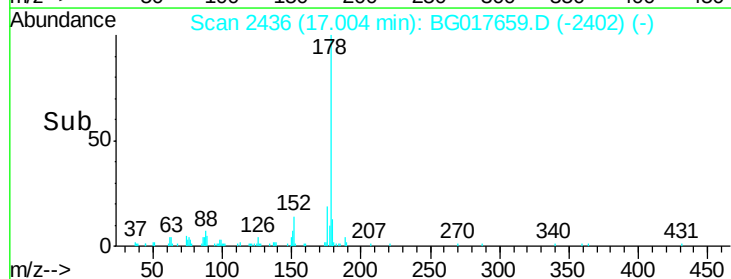
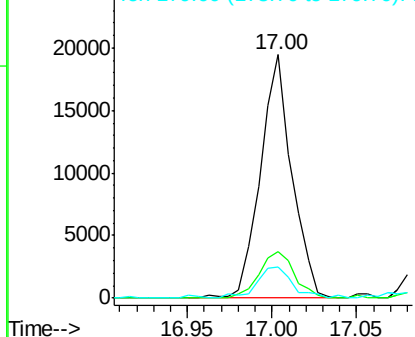


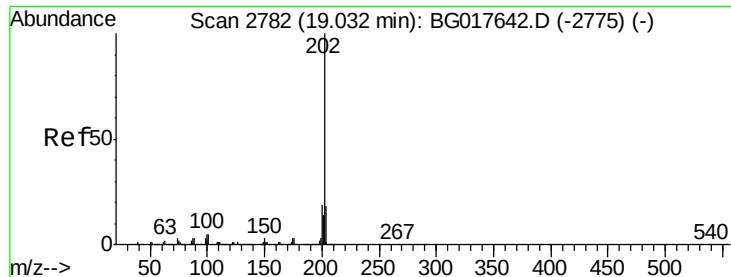
#70
 Phenanthrene
 Concen: 3.11 ng
 RT: 17.00 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG017659.D
 Acq: 13 Jun 2015 5:29

Tgt Ion:178 Resp: 25033
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 12.9 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.09 ng

RT: 19.03 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

Instrument :

BNA_G

ClientSampleId :

MW-30

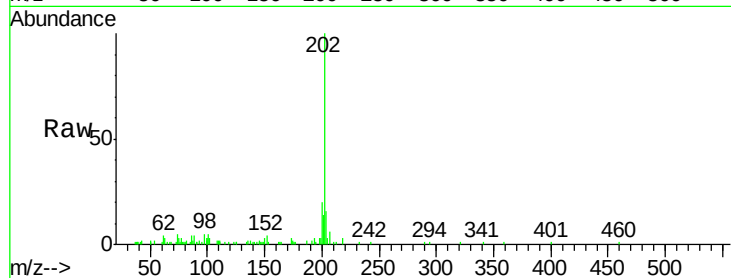
Tgt Ion:202 Resp: 24040

Ion Ratio Lower Upper

202 100

101 8.1 0.0 25.1

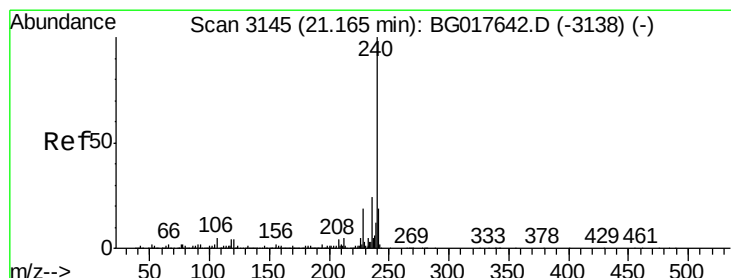
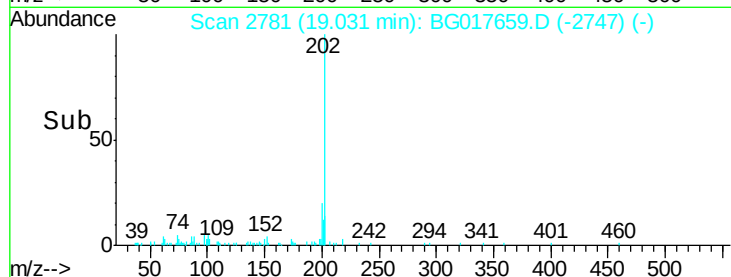
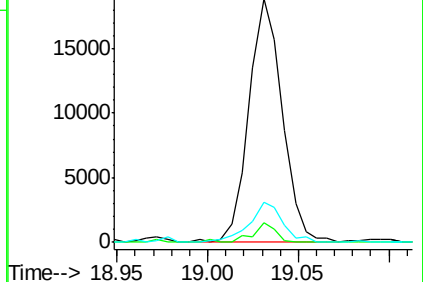
203 16.4 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

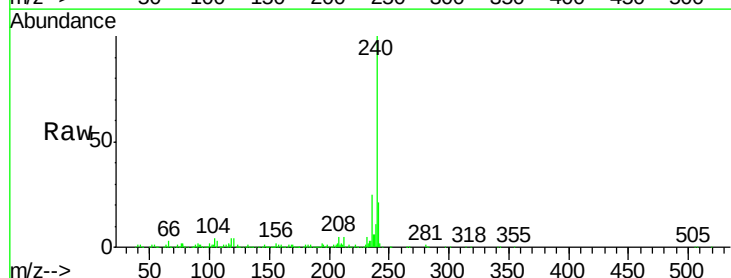
Tgt Ion:240 Resp: 216425

Ion Ratio Lower Upper

240 100

120 4.0 3.5 5.3

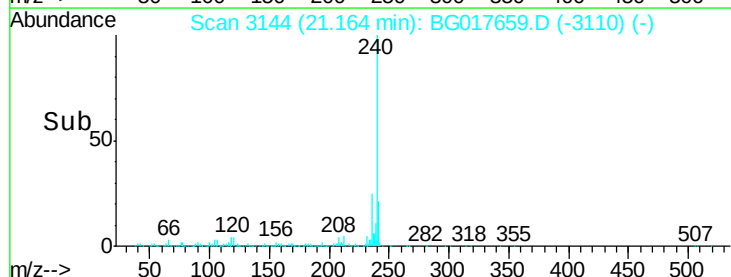
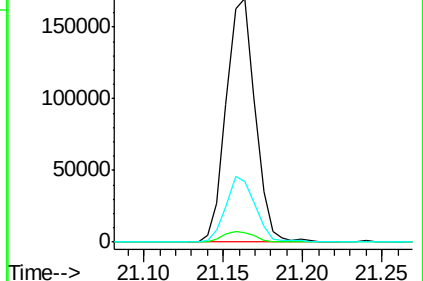
236 24.8 19.5 29.3

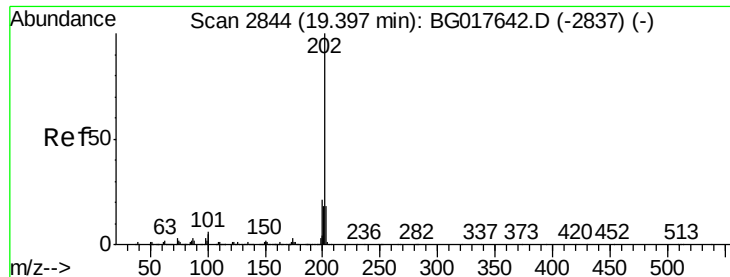


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.39 ng

RT: 19.40 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

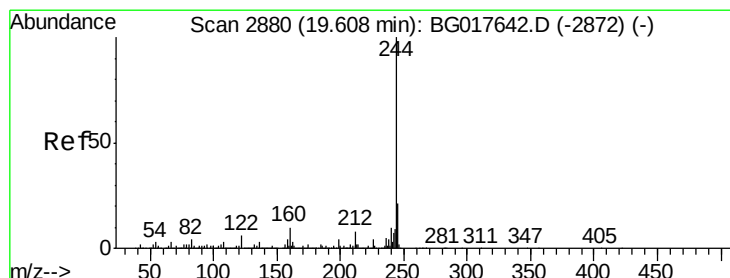
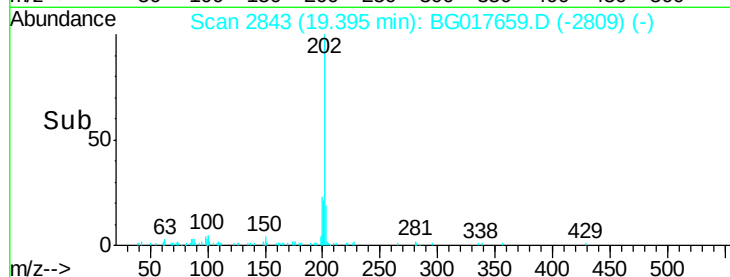
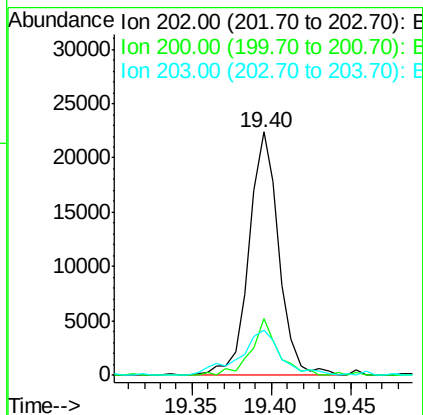
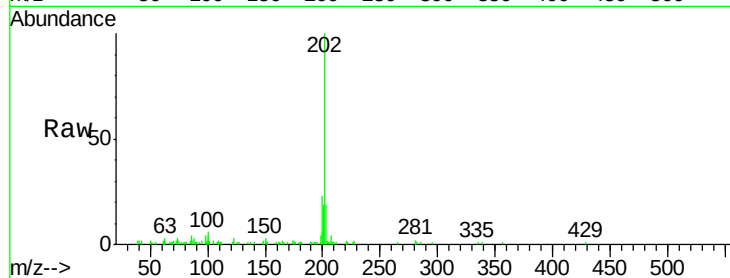
Instrument :

BNA_G

ClientSampleId :

MW-30

Tgt Ion:	202	Resp:	29255
Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.8	25.2
203	18.8	14.4	21.6



#78

Terphenyl-d14

Concen: 90.43 ng

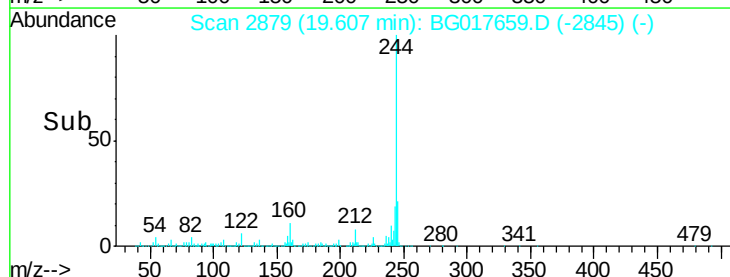
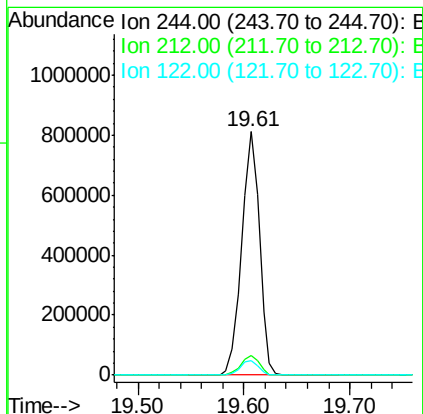
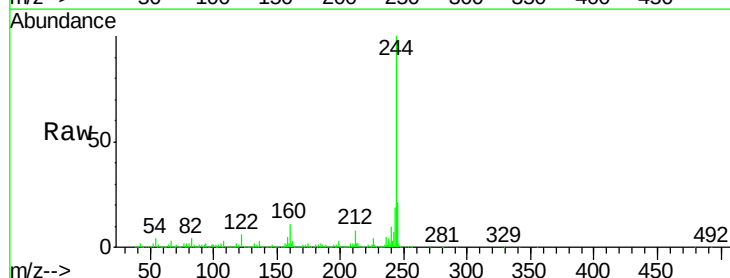
RT: 19.61 min Scan# 2879

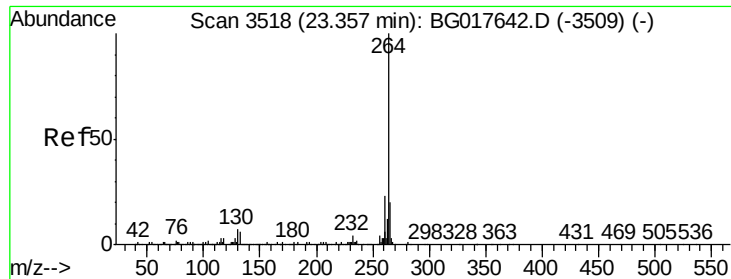
Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

Tgt Ion:	244	Resp:	938206
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	6.0	4.6	6.8





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.36 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

Instrument :

BNA_G

ClientSampleId :

MW-30

Tgt Ion: 264 Resp: 222393

Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 20.7 16.2 24.2

