

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
 Data File : BG017693.D
 Acq On : 15 Jun 2015 17:12
 Operator : TP/IZ
 Sample : G2648-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-2

Quant Time: Jun 16 01:46:58 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

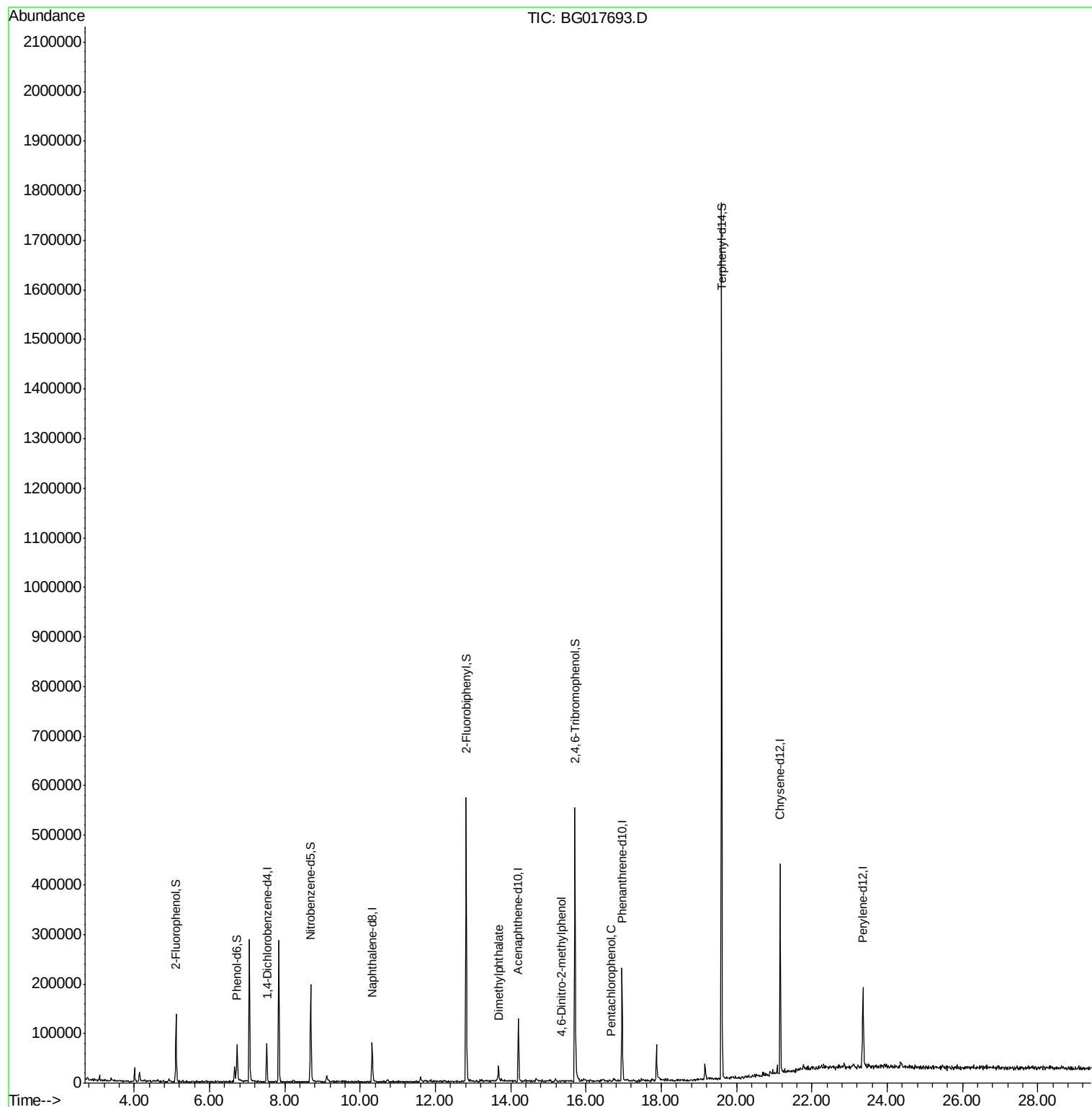
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	15041	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	52045	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	35803	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	122225	20.00	ng	0.00
75) Chrysene-d12	21.16	240	180671	20.00	ng	0.00
86) Perylene-d12	23.36	264	99378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	42470	54.69	ng	0.00
7) Phenol-d6	6.73	99	30747	27.02	ng	0.00
23) Nitrobenzene-d5	8.69	82	108315	87.36	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	94445	152.82	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	245168	94.71	ng	0.00
78) Terphenyl-d14	19.60	244	673530	77.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.68	163	17858	5.82	ng	# 94
64) 4,6-Dinitro-2-methylphenol	15.35	198	78	5.33	ng	# 39
69) Pentachlorophenol	16.67	266	71	6.26	ng	# 17

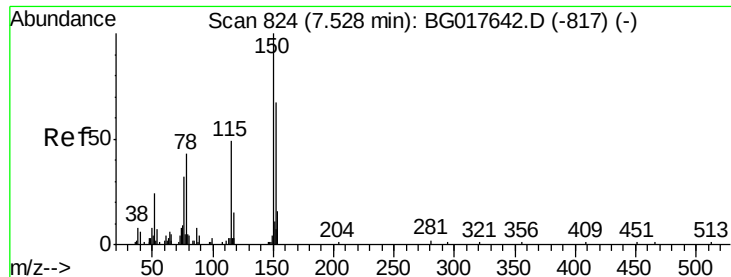
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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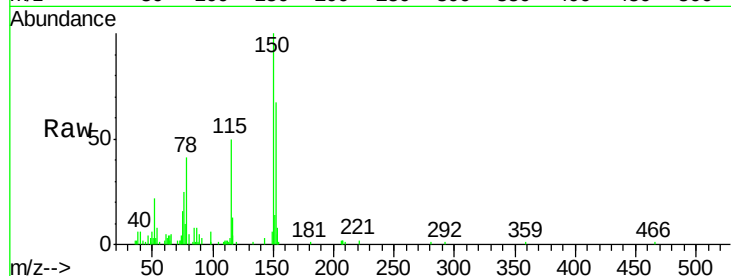


#1

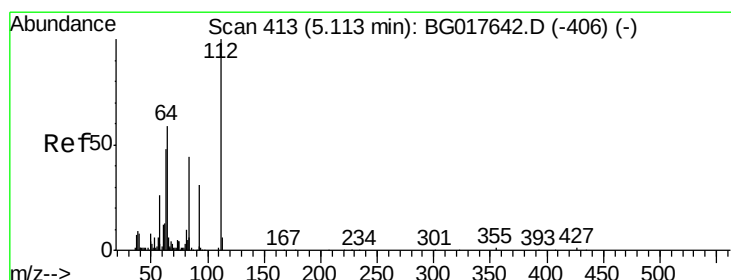
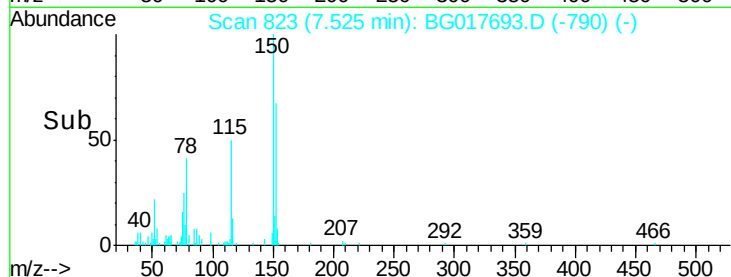
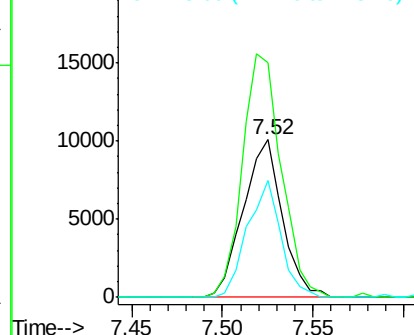
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017693.D
Acq: 15 Jun 2015 17:12

Instrument :
BNA_G
ClientSampleId :
GW-2

Tgt Ion:152 Resp: 15041
Ion Ratio Lower Upper
152 100
150 149.2 119.4 179.0
115 74.7 58.2 87.2



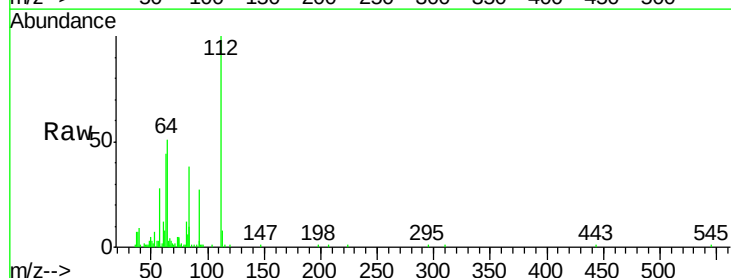
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



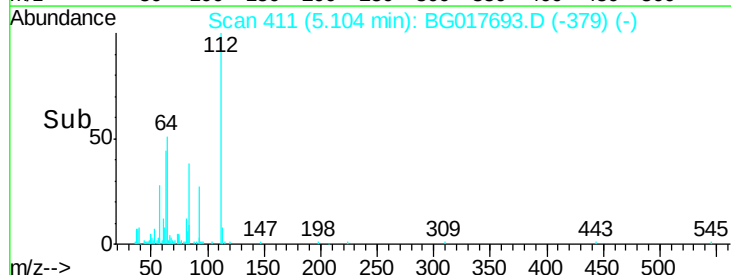
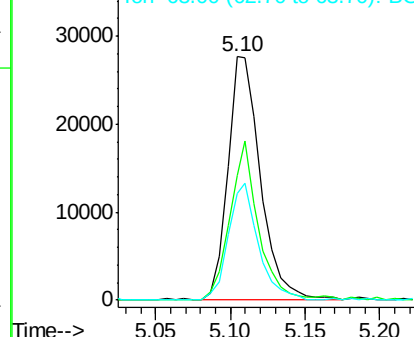
#5

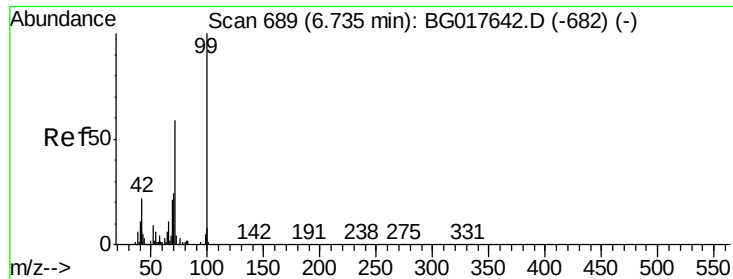
2-Fluorophenol
Concen: 54.69 ng
RT: 5.10 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG017693.D
Acq: 15 Jun 2015 17:12

Tgt Ion:112 Resp: 42470
Ion Ratio Lower Upper
112 100
64 51.2 47.0 70.6
63 44.0 38.6 58.0



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: 27.02 ng

RT: 6.73 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG017693.D

Acq: 15 Jun 2015 17:12

Instrument :

BNA_G

ClientSampleId :

GW-2

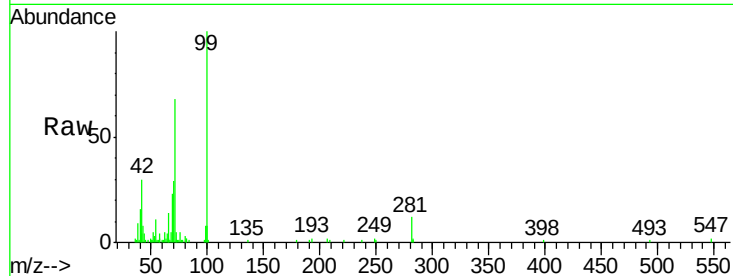
Tgt Ion: 99 Resp: 30747

Ion Ratio Lower Upper

99 100

42 29.7 17.4 26.2#

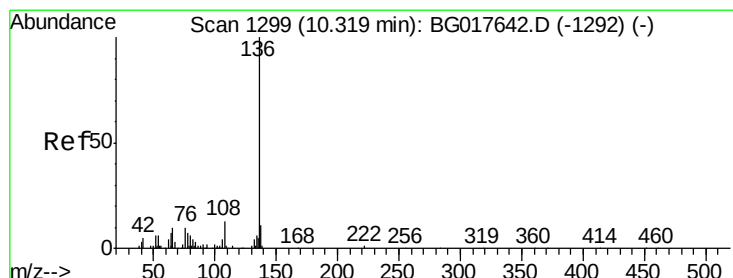
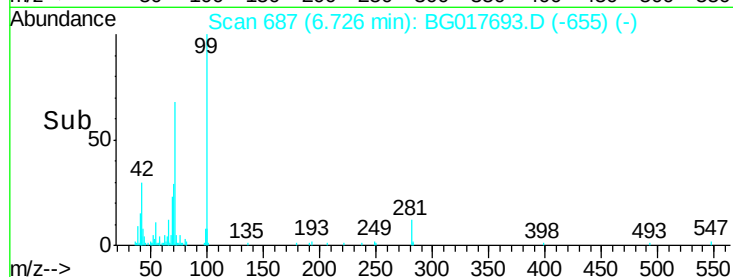
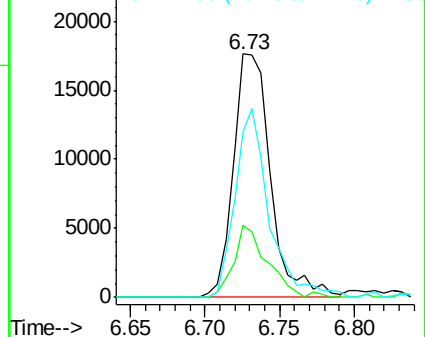
71 68.0 47.4 71.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG017693.D

Acq: 15 Jun 2015 17:12

Tgt Ion: 136 Resp: 52045

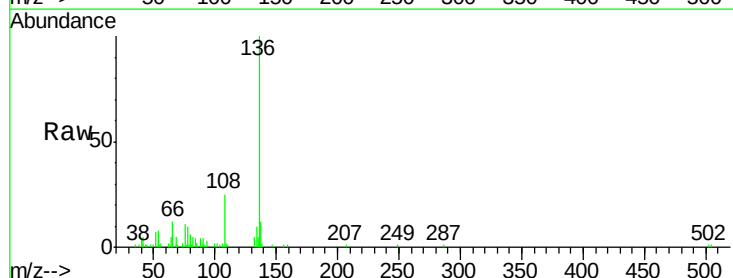
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 8.3 4.7 7.1#

68 6.0 2.4 3.6#

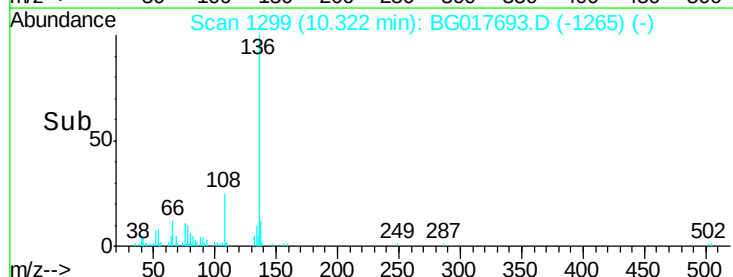
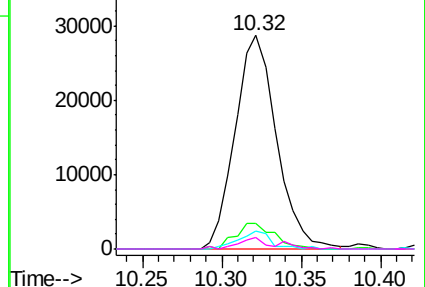


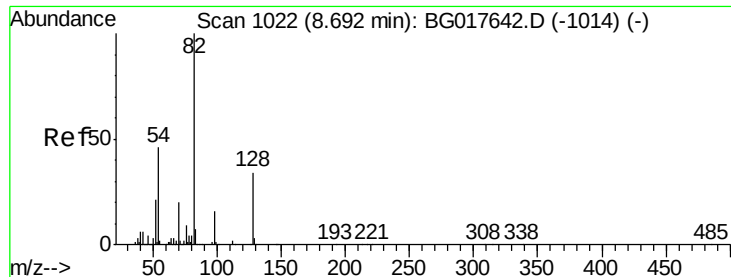
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

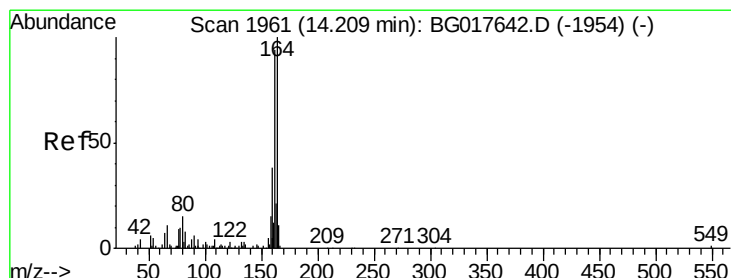
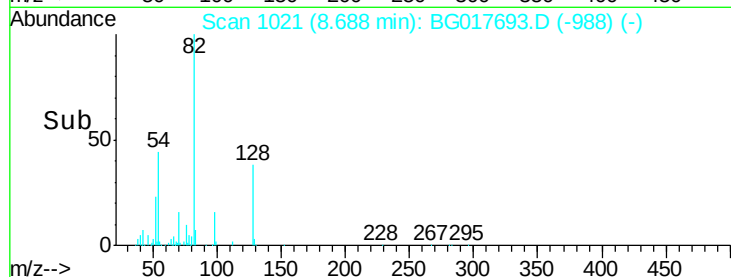
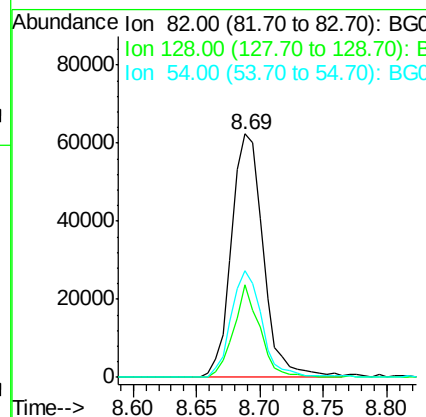
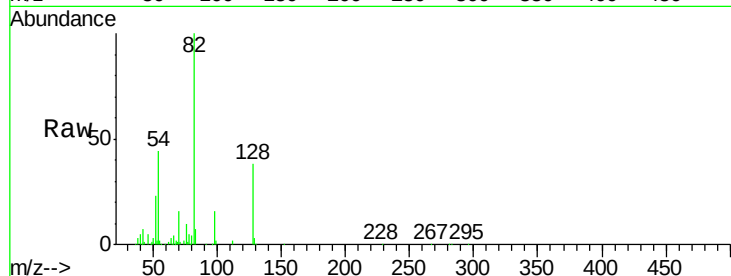




#23
 Nitrobenzene-d5
 Concen: 87.36 ng
 RT: 8.69 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG017693.D
 Acq: 15 Jun 2015 17:12

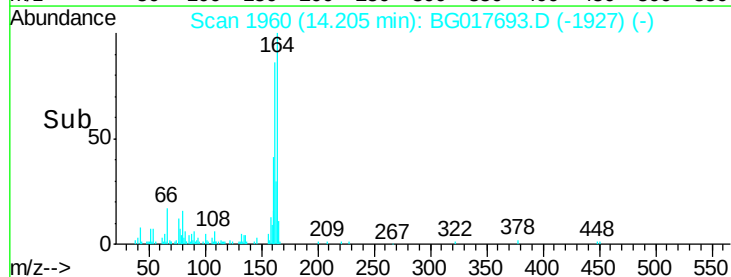
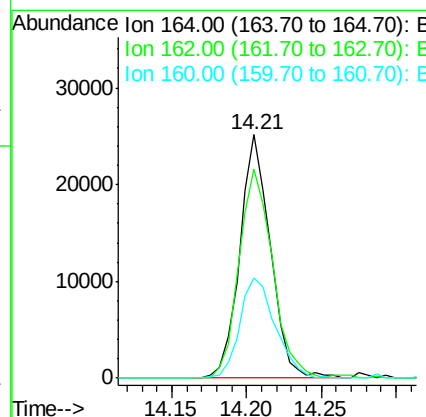
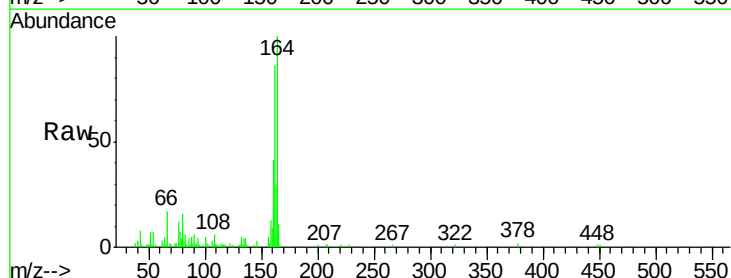
Instrument :
 BNA_G
 ClientSampleId :
 GW-2

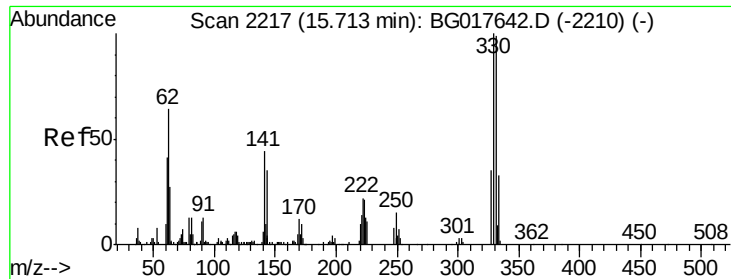
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	27.3	40.9
54	43.8	37.0	55.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG017693.D
 Acq: 15 Jun 2015 17:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	85.8	75.0	112.4
160	41.4	30.3	45.5

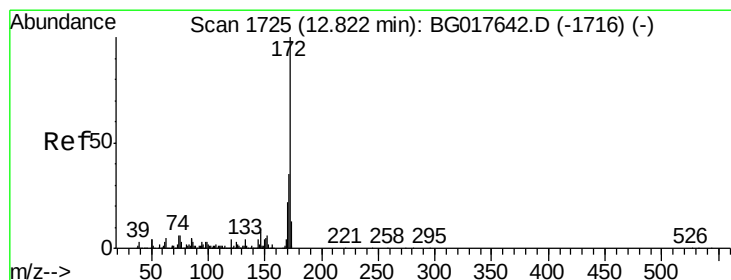
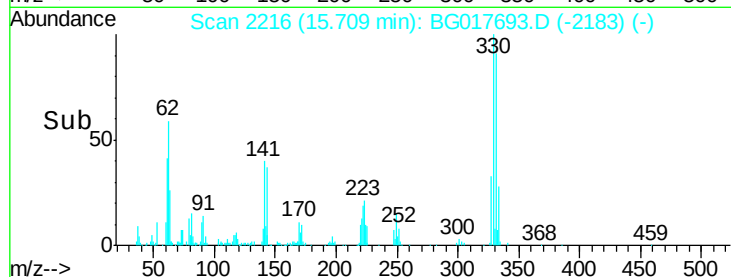
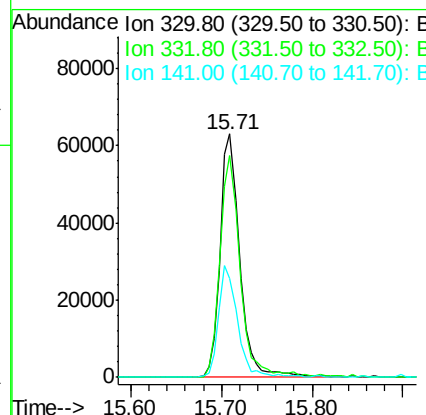
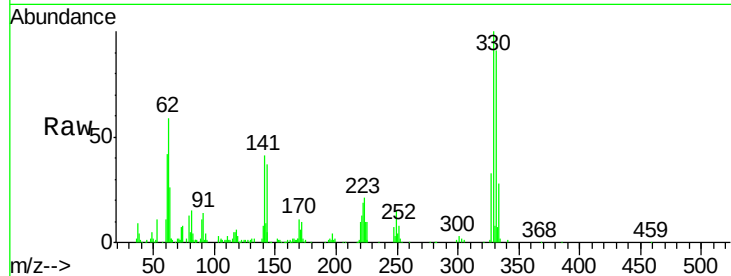




#41
 2,4,6-Tribromophenol
 Concen: 152.82 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017693.D
 Acq: 15 Jun 2015 17:12

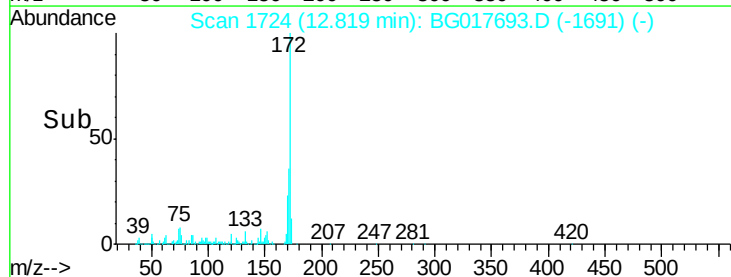
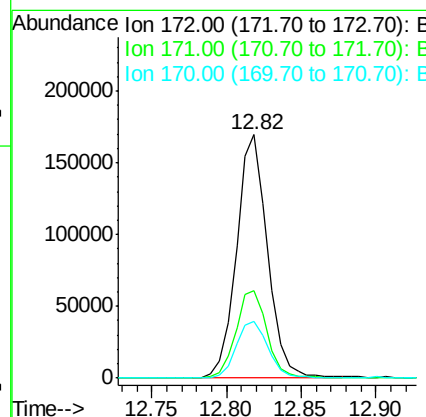
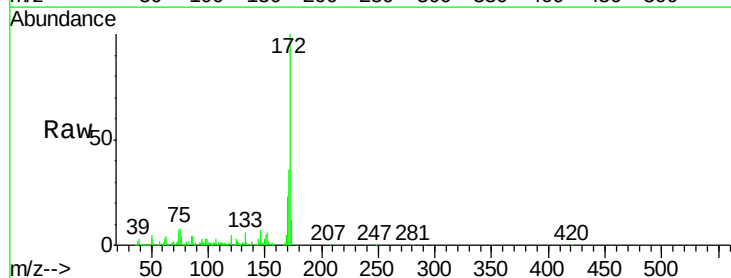
Instrument :
 BNA_G
 ClientSampleId :
 GW-2

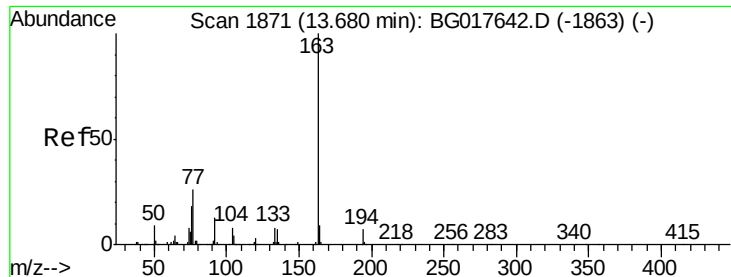
Tgt Ion:330 Resp: 94445
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.6 114.8
 141 44.0 34.6 51.8



#44
 2-Fluorobiphenyl
 Concen: 94.71 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017693.D
 Acq: 15 Jun 2015 17:12

Tgt Ion:172 Resp: 245168
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.2 42.2
 170 23.3 17.4 26.2





#49

Dimethylphthalate

Concen: 5.82 ng

RT: 13.68 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BG017693.D

Acq: 15 Jun 2015 17:12

Instrument :

BNA_G

ClientSampleId :

GW-2

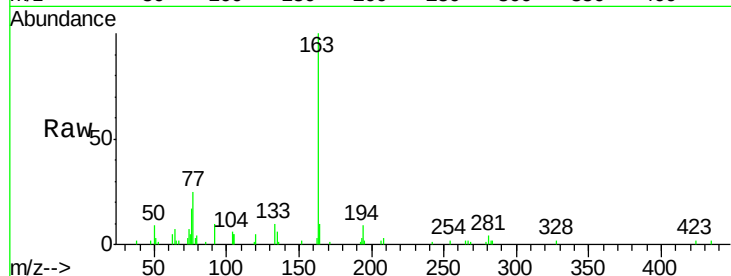
Tgt Ion:163 Resp: 17858

Ion Ratio Lower Upper

163 100

194 10.3 5.7 8.5#

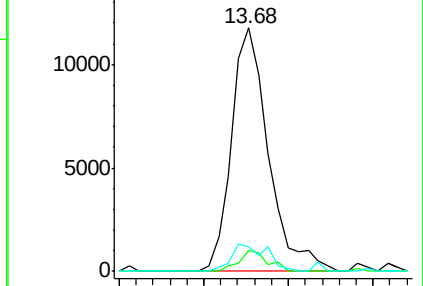
164 10.2 7.1 10.7



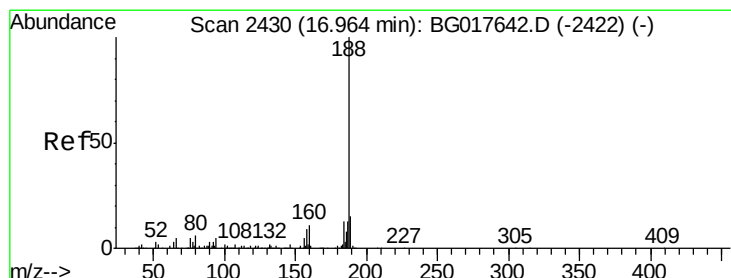
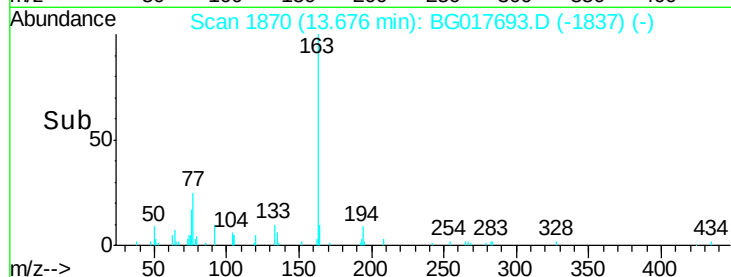
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 13.60 13.65 13.70 13.75



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG017693.D

Acq: 15 Jun 2015 17:12

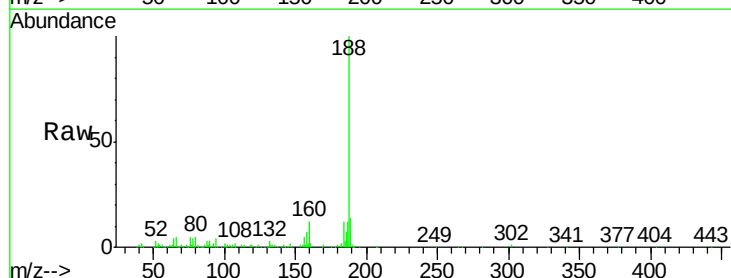
Tgt Ion:188 Resp: 122225

Ion Ratio Lower Upper

188 100

94 4.0 3.9 5.9

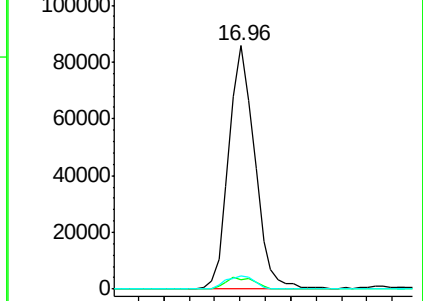
80 5.4 5.0 7.6



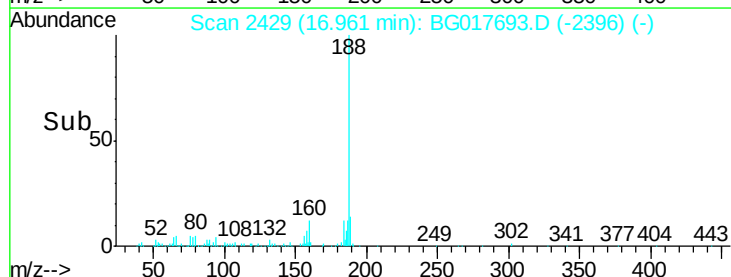
Abundance Ion 188.00 (187.70 to 188.70): E

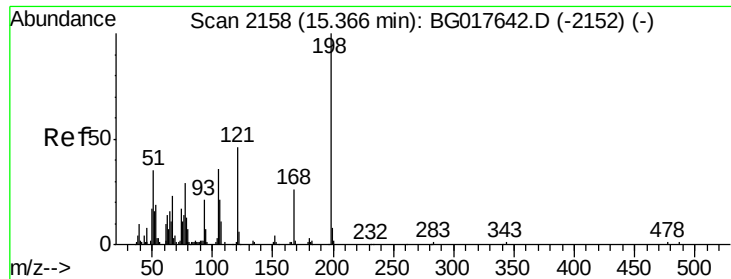
Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



Time--> 16.90 17.00

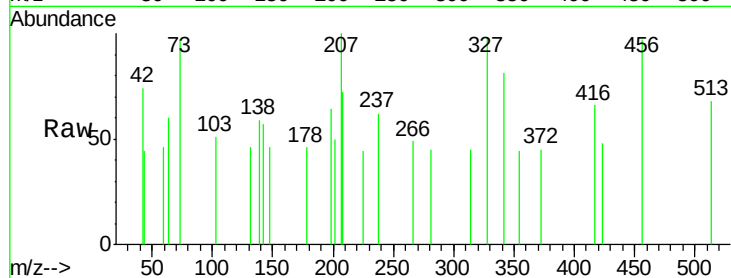




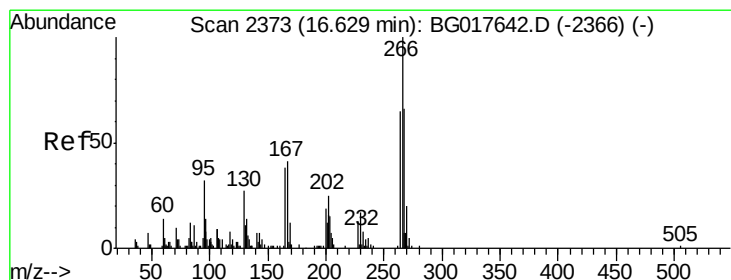
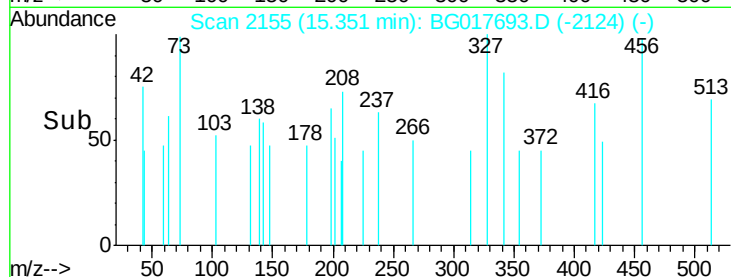
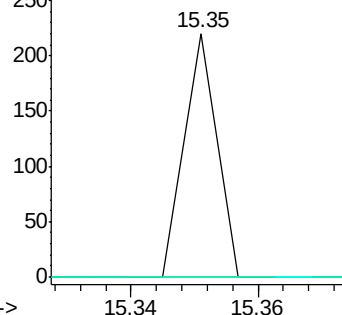
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.33 ng
 RT: 15.35 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG017693.D
 Acq: 15 Jun 2015 17:12

Instrument :
 BNA_G
 ClientSampled :
 GW-2

Tgt Ion:198 Resp: 78
 Ion Ratio Lower Upper
 198 100
 51 0.0 16.2 56.2#
 105 0.0 15.7 55.7#

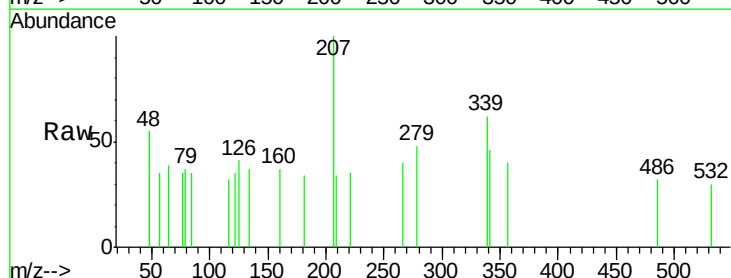


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

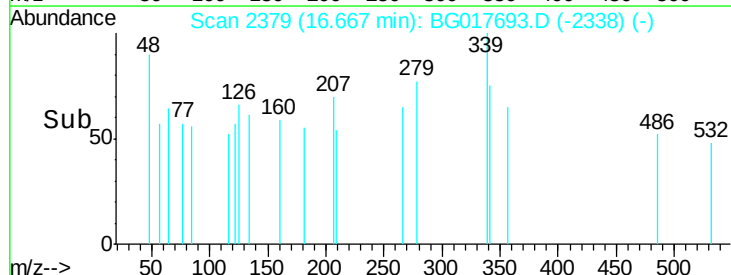
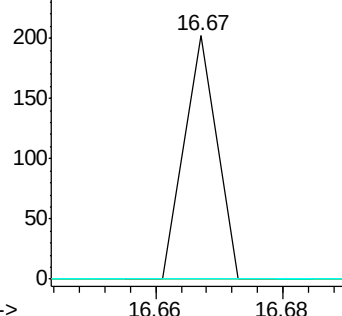


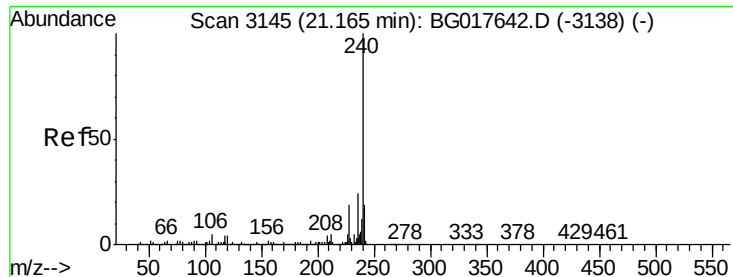
#69
 Pentachlorophenol
 Concen: 6.26 ng
 RT: 16.67 min Scan# 2379
 Delta R.T. 0.04 min
 Lab File: BG017693.D
 Acq: 15 Jun 2015 17:12

Tgt Ion:266 Resp: 71
 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017693.D

Acq: 15 Jun 2015 17:12

Instrument :

BNA_G

ClientSampleId :

GW-2

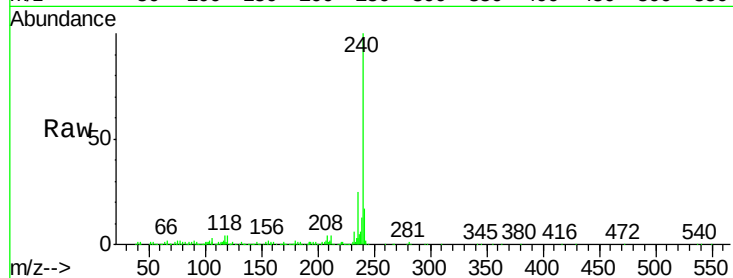
Tgt Ion:240 Resp: 180671

Ion Ratio Lower Upper

240 100

120 4.1 3.5 5.3

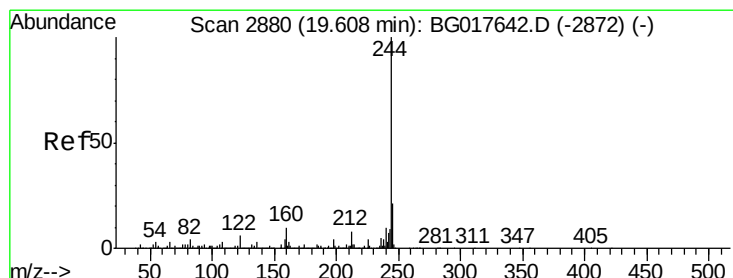
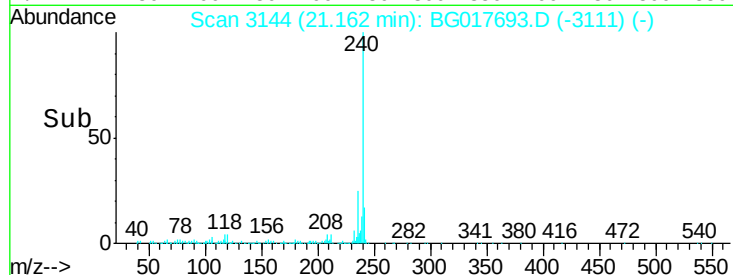
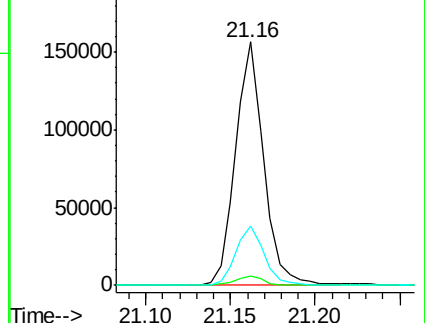
236 24.5 19.5 29.3



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



#78

Terphenyl-d14

Concen: 77.77 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017693.D

Acq: 15 Jun 2015 17:12

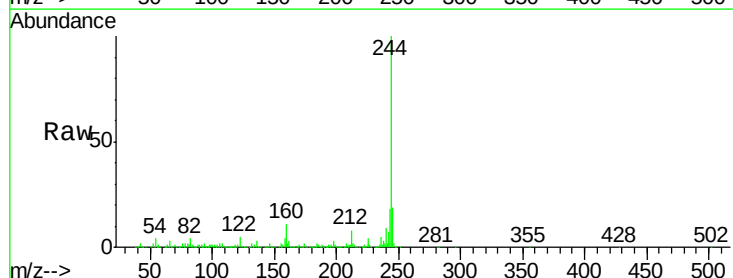
Tgt Ion:244 Resp: 673530

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

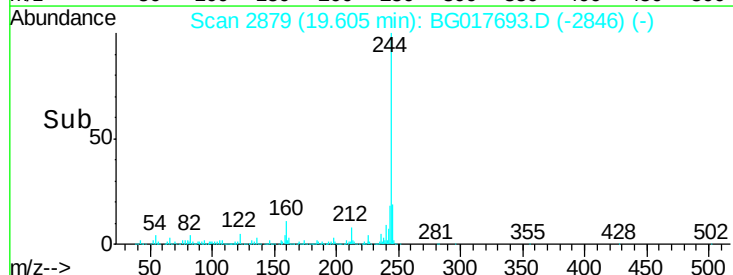
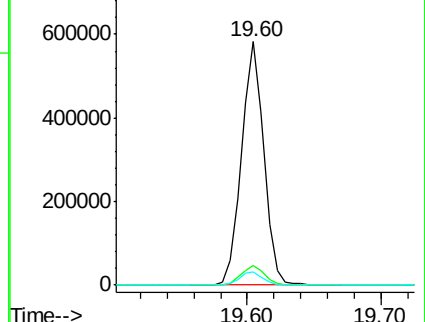
122 5.4 4.6 6.8

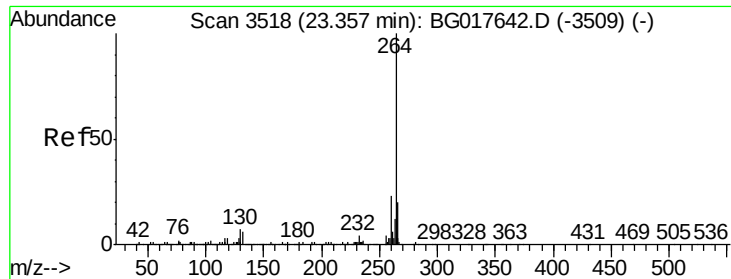


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.00 min
 Lab File: BG017693.D
 Acq: 15 Jun 2015 17:12

Instrument :
 BNA_G
 ClientSampleId :
 GW-2

Tgt Ion:	264	Resp:	99378
Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.3	27.5
265	23.4	16.2	24.2

