

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
 Data File : BG017178.D
 Acq On : 15 May 2015 16:39
 Operator : TP/IZ
 Sample : G2216-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-8

Quant Time: May 16 00:47:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 00:01:34 2015
 Response via : Initial Calibration

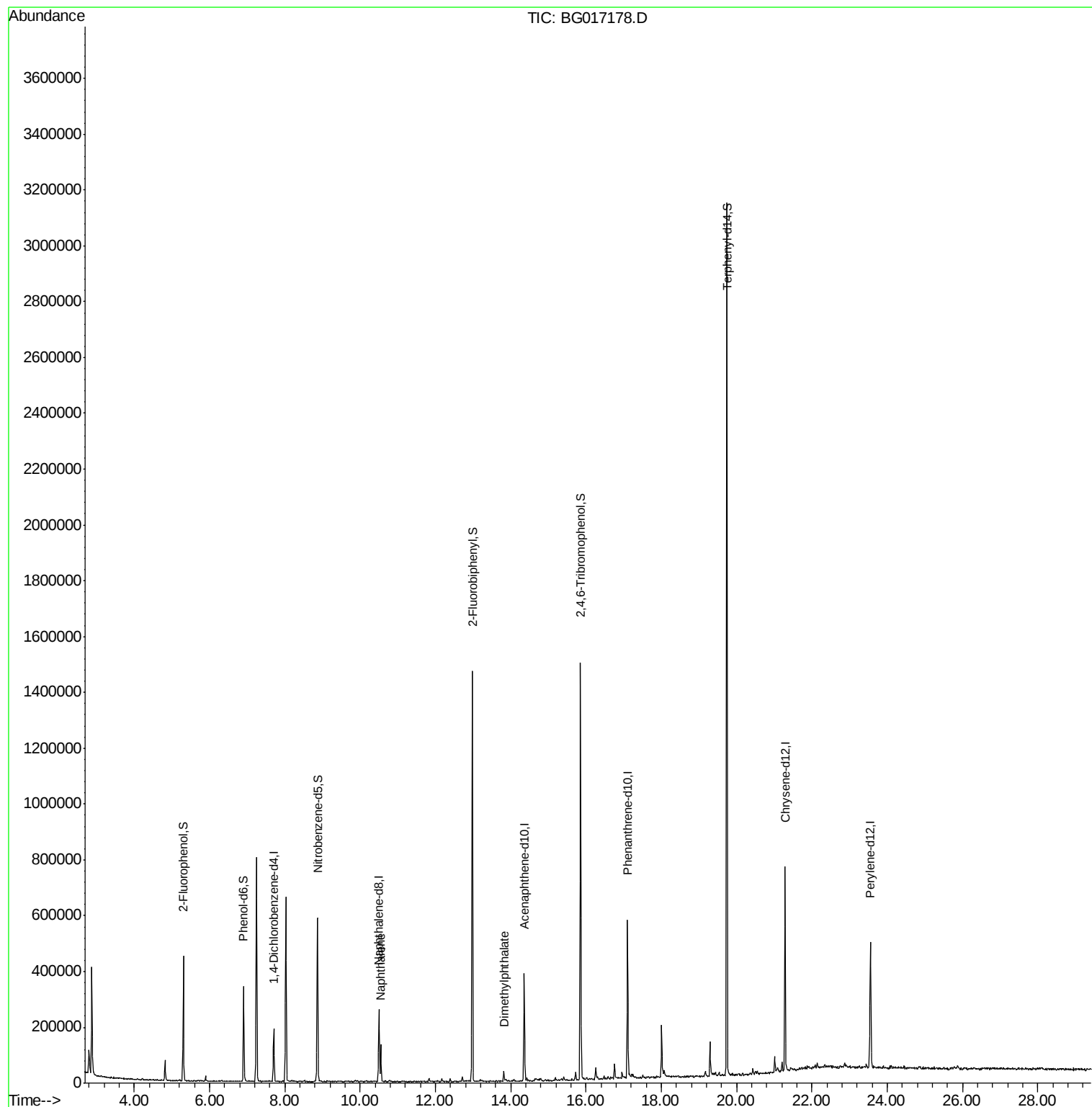
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	43901	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	184531	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	119576	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	292981	20.00	ng	0.00
75) Chrysene-d12	21.29	240	314264	20.00	ng	0.00
86) Perylene-d12	23.56	264	307628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	157782	63.77	ng	0.00
7) Phenol-d6	6.91	99	155293	44.72	ng	0.00
23) Nitrobenzene-d5	8.86	82	306694	77.60	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	201538	139.43	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	662891	81.35	ng	0.00
78) Terphenyl-d14	19.74	244	1236605	82.00	ng	0.00
Target Compounds						
31) Naphthalene	10.55	128	90731	10.05	ng	# 95
49) Dimethylphthalate	13.82	163	19779	2.12	ng	# 94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG017178.D

Acq: 15 May 2015 16:39

Instrument :

BNA_G

ClientSampled :

TW-8

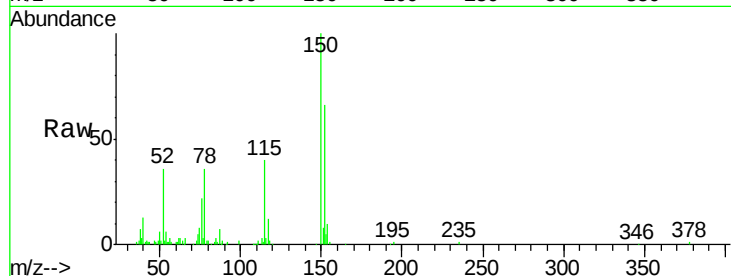
Tgt Ion:152 Resp: 43901

Ion Ratio Lower Upper

152 100

150 151.7 120.8 181.2

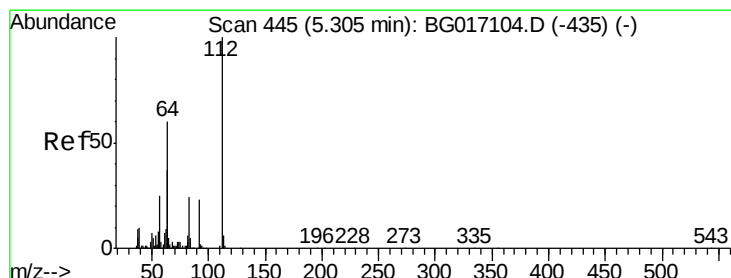
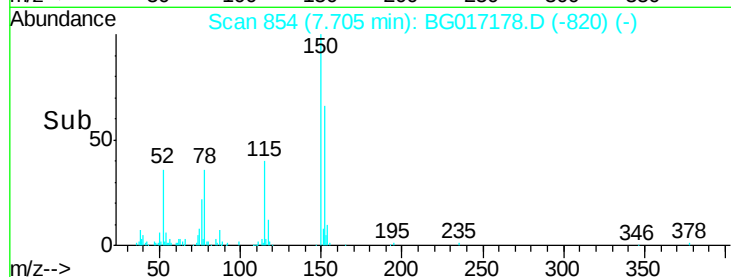
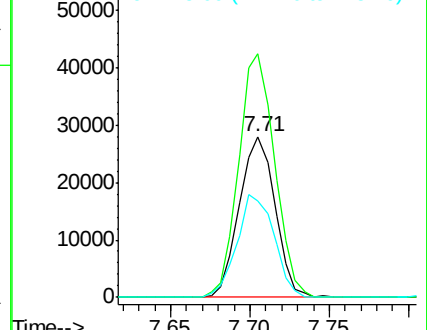
115 60.3 49.4 74.2



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: 63.77 ng

RT: 5.30 min Scan# 445

Delta R.T. 0.01 min

Lab File: BG017178.D

Acq: 15 May 2015 16:39

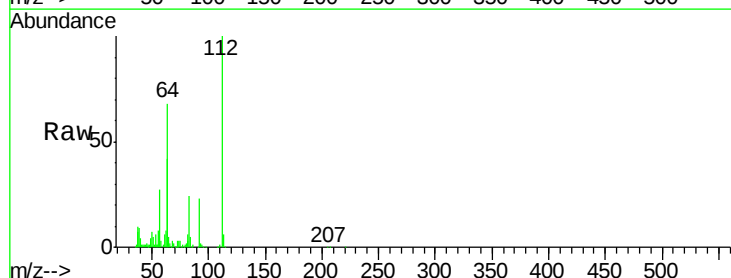
Tgt Ion:112 Resp: 157782

Ion Ratio Lower Upper

112 100

64 68.1 48.1 72.1

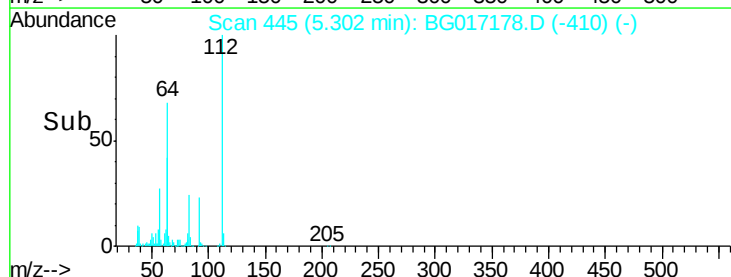
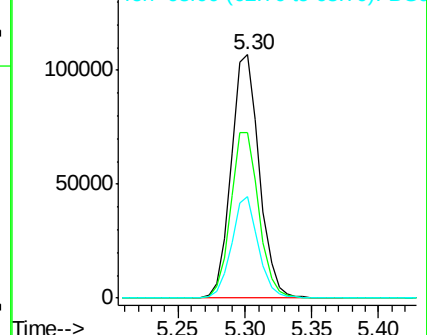
63 41.6 29.8 44.8

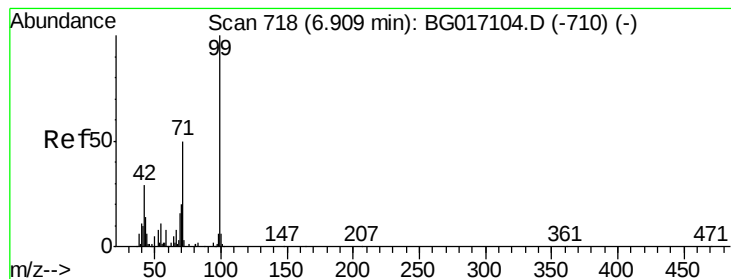


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.72 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017178.D

Acq: 15 May 2015 16:39

Instrument :

BNA_G

ClientSampleId :

TW-8

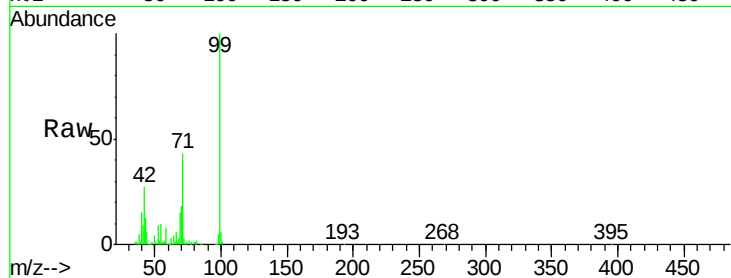
Tgt Ion: 99 Resp: 155293

Ion Ratio Lower Upper

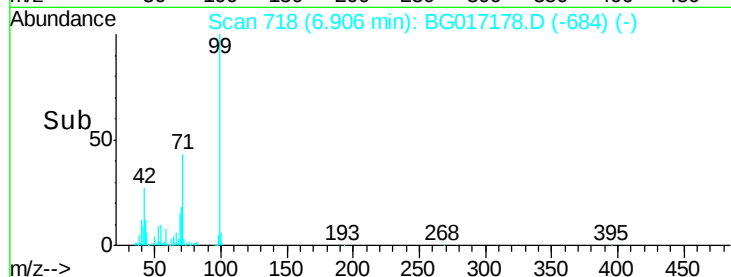
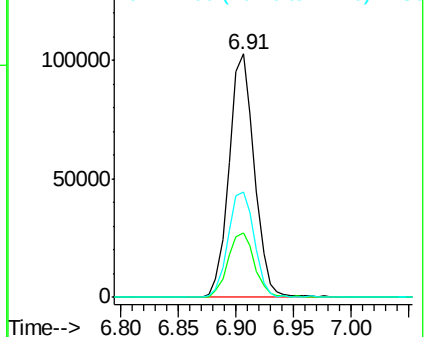
99 100

42 26.6 23.5 35.3

71 43.3 39.8 59.8



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: 10.50 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG017178.D

Acq: 15 May 2015 16:39

Tgt Ion: 136 Resp: 184531

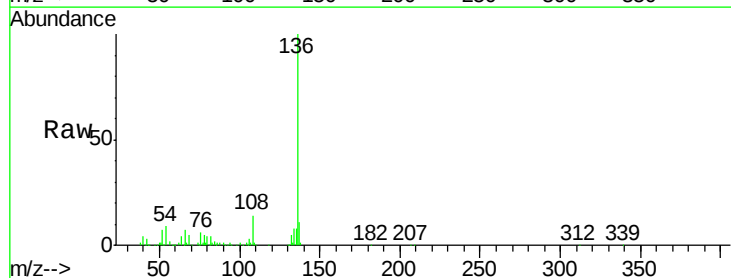
Ion Ratio Lower Upper

136 100

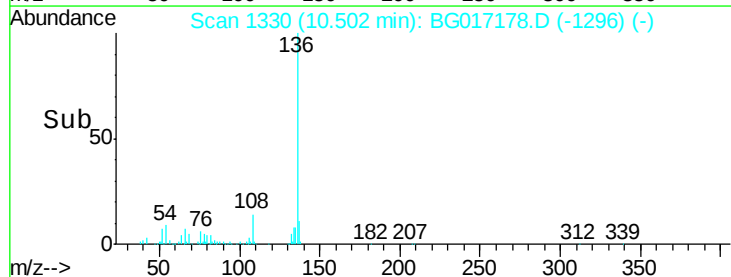
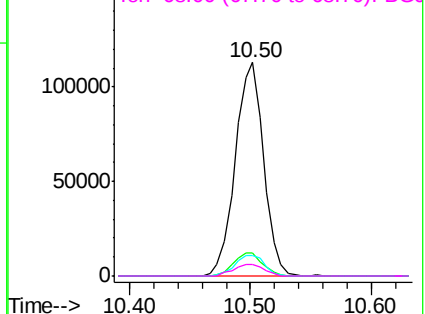
137 10.9 8.3 12.5

54 9.3 7.4 11.2

68 5.1 3.6 5.4



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

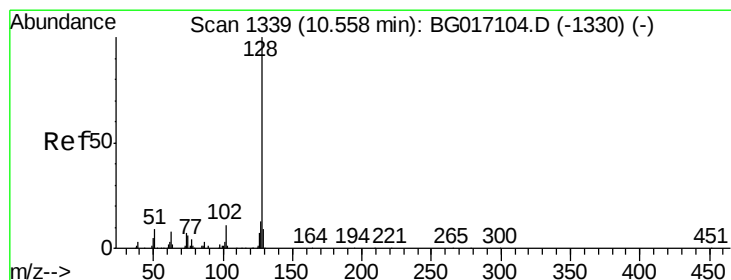
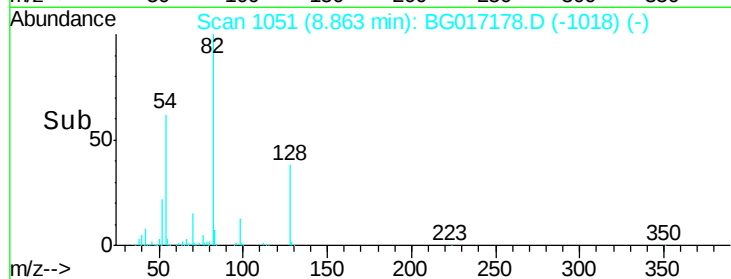
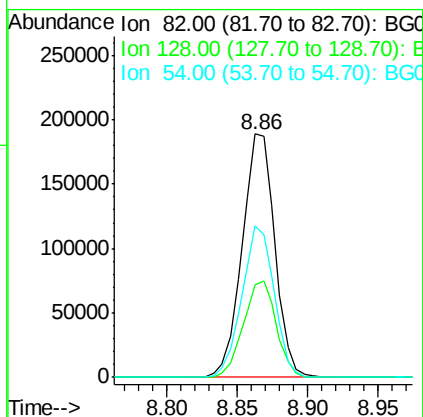
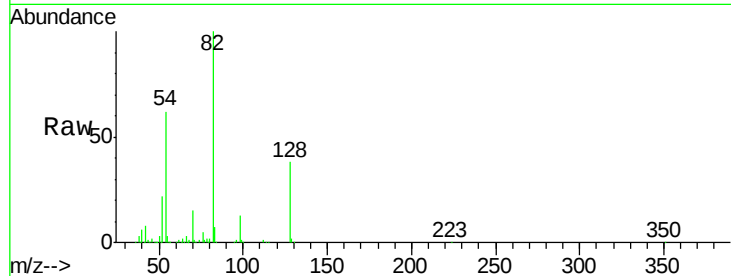




#23
 Nitrobenzene-d5
 Concen: 77.60 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017178.D
 Acq: 15 May 2015 16:39

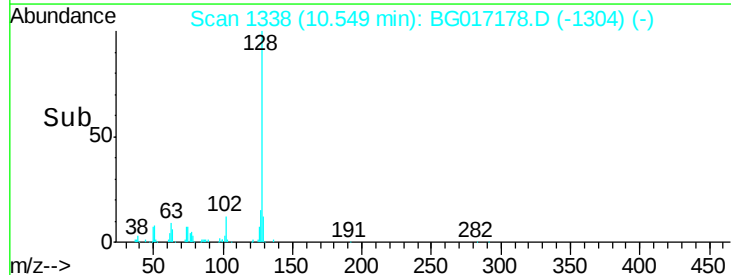
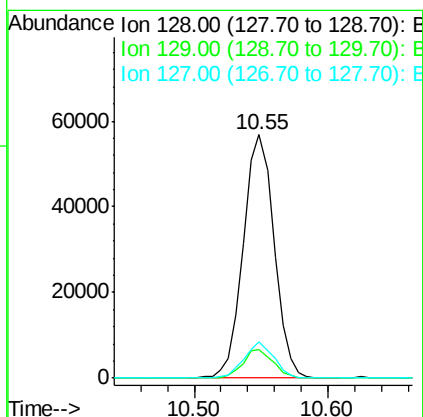
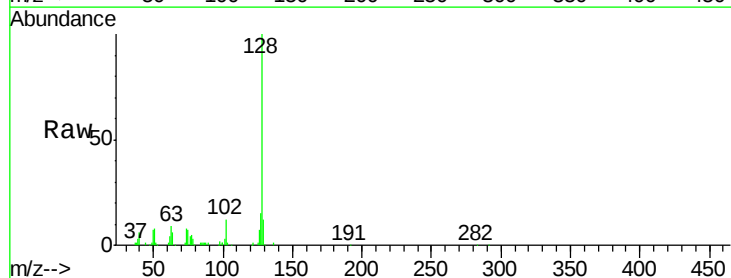
Instrument :
 BNA_G
 ClientSampleId :
 TW-8

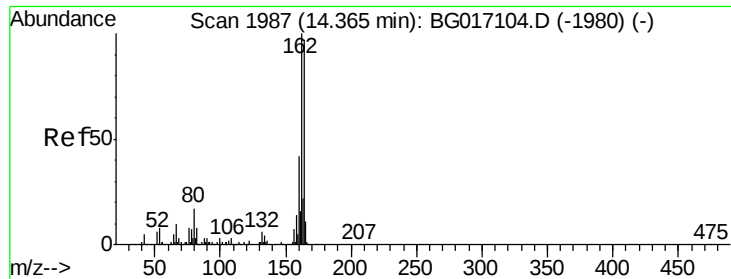
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	32.6	49.0
54	62.0	49.6	74.4



#31
 Naphthalene
 Concen: 10.05 ng
 RT: 10.55 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BG017178.D
 Acq: 15 May 2015 16:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	7.6	11.4#
127	14.8	10.6	16.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.36 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG017178.D

Acq: 15 May 2015 16:39

Instrument :

BNA_G

ClientSampleId :

TW-8

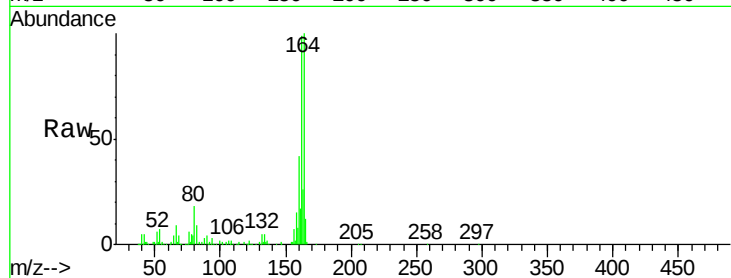
Tgt Ion:164 Resp: 119576

Ion Ratio Lower Upper

164 100

162 98.7 82.1 123.1

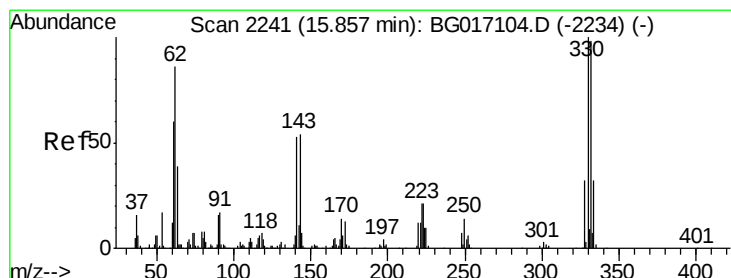
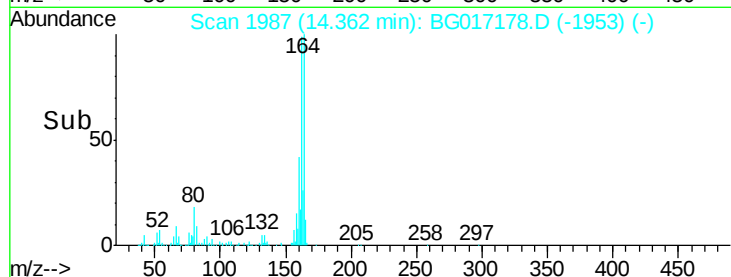
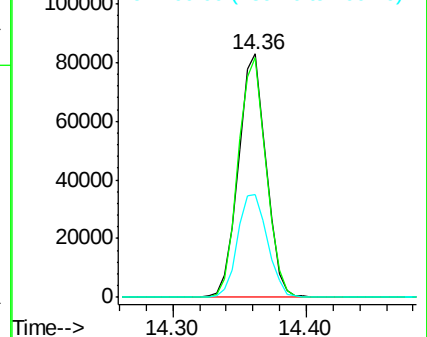
160 42.3 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 139.43 ng

RT: 15.85 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG017178.D

Acq: 15 May 2015 16:39

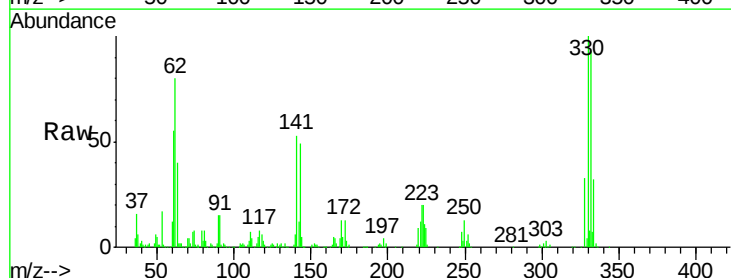
Tgt Ion:330 Resp: 201538

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

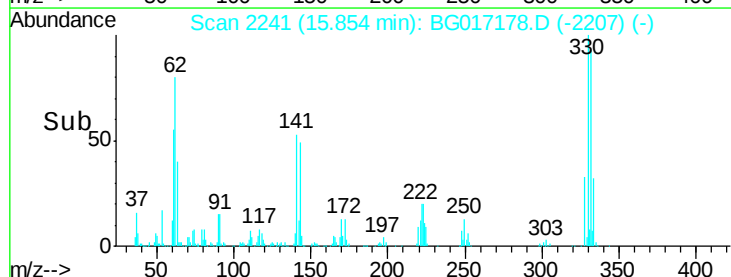
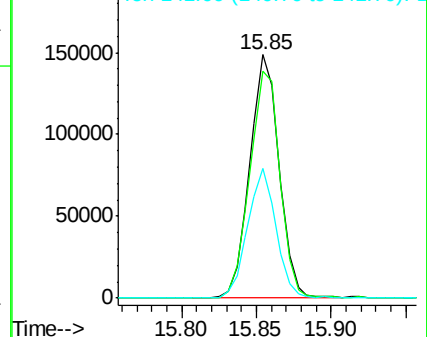
141 51.9 42.2 63.2

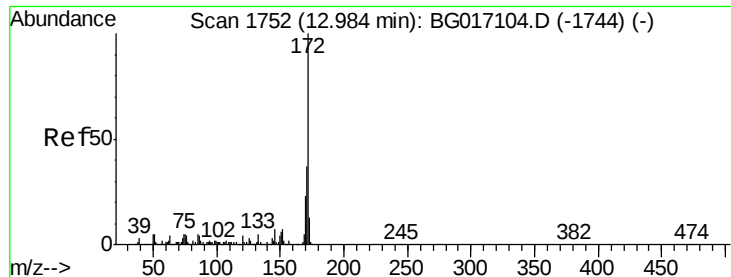


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

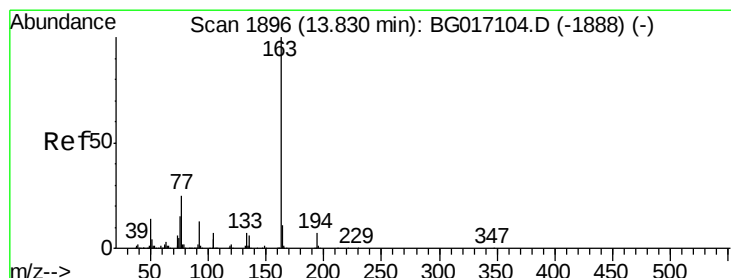
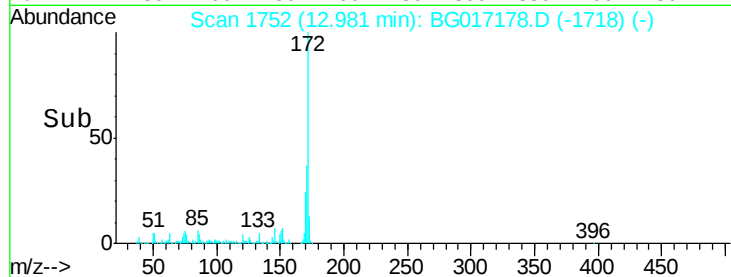
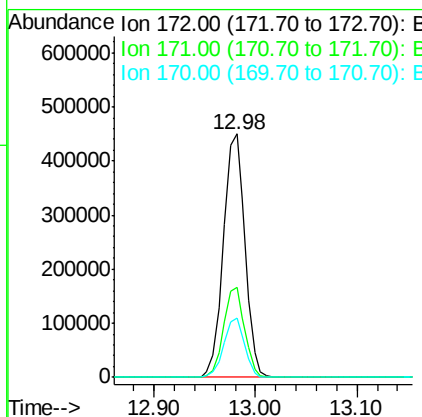
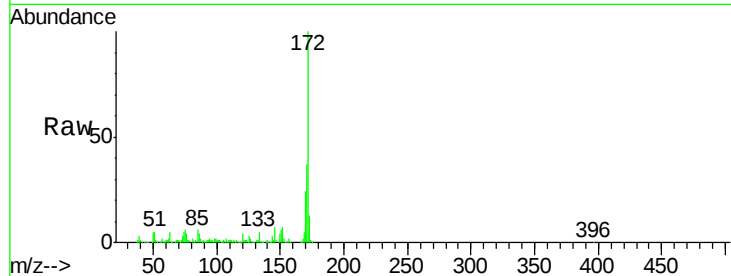




#44
 2-Fluorobiphenyl
 Concen: 81.35 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017178.D
 Acq: 15 May 2015 16:39

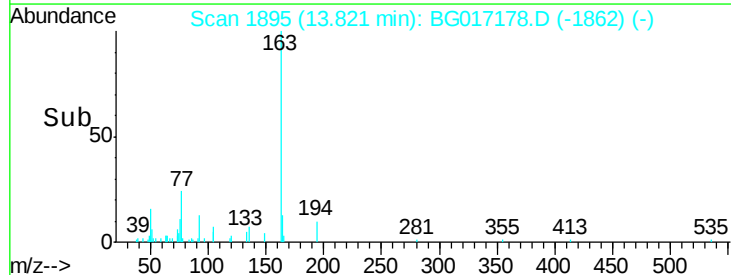
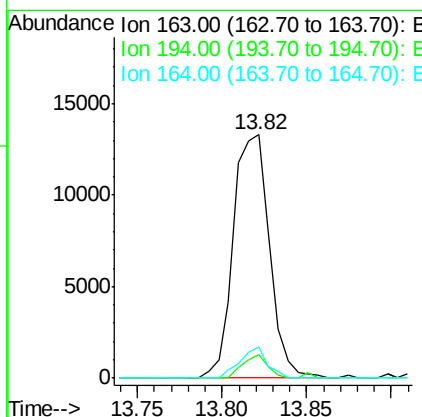
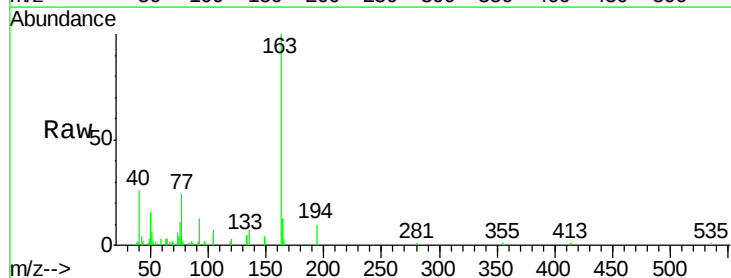
Instrument :
 BNA_G
 ClientSampleId :
 TW-8

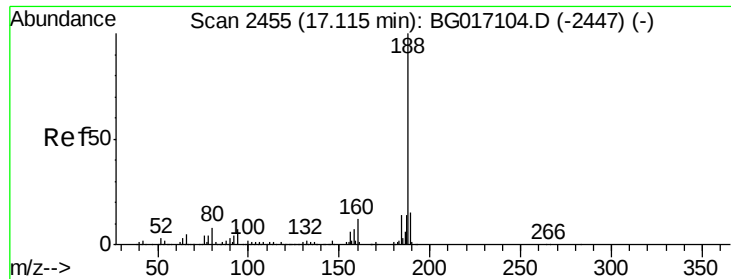
Tgt Ion:172 Resp: 662891
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.2 18.4 27.6



#49
 Dimethylphthalate
 Concen: 2.12 ng
 RT: 13.82 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG017178.D
 Acq: 15 May 2015 16:39

Tgt Ion:163 Resp: 19779
 Ion Ratio Lower Upper
 163 100
 194 9.9 5.6 8.4#
 164 12.6 8.6 13.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG017178.D

Acq: 15 May 2015 16:39

Instrument :

BNA_G

ClientSampleId :

TW-8

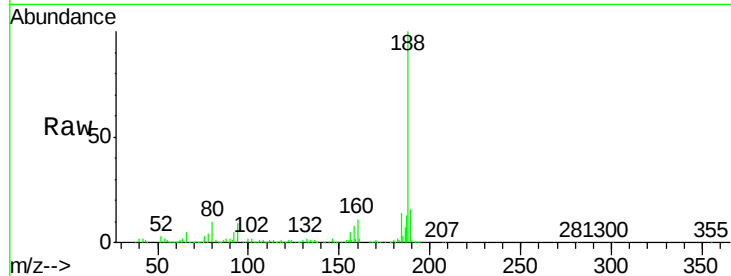
Tgt Ion:188 Resp: 292981

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.6#

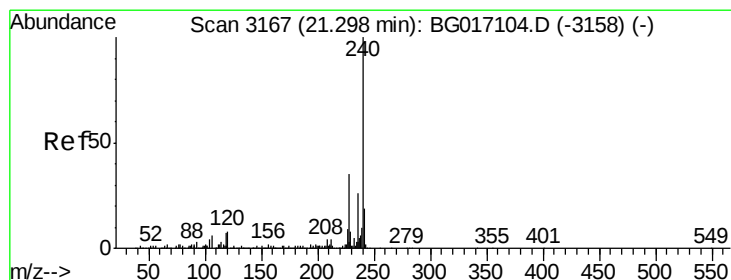
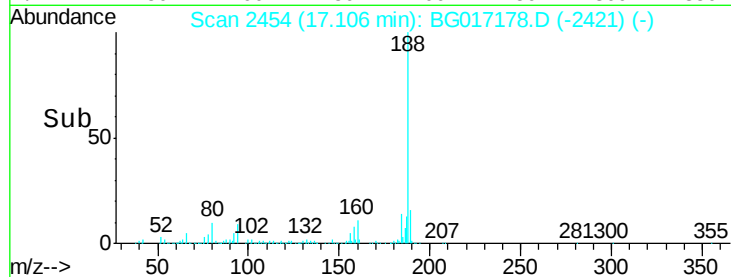
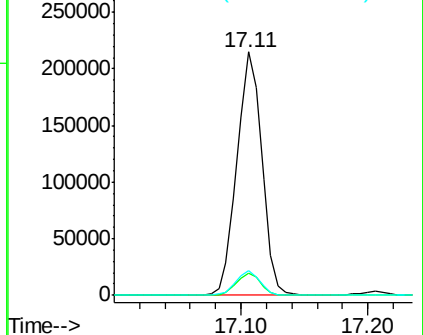
80 10.3 6.5 9.7#



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: 21.29 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG017178.D

Acq: 15 May 2015 16:39

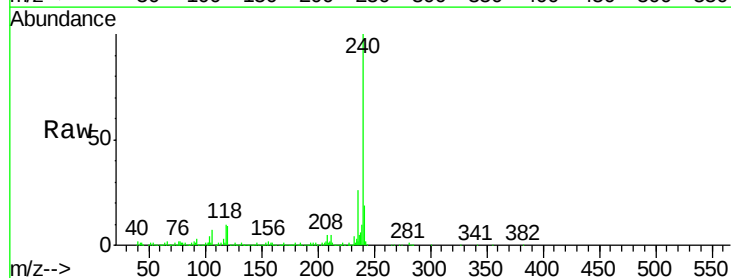
Tgt Ion:240 Resp: 314264

Ion Ratio Lower Upper

240 100

120 9.0 6.0 9.0#

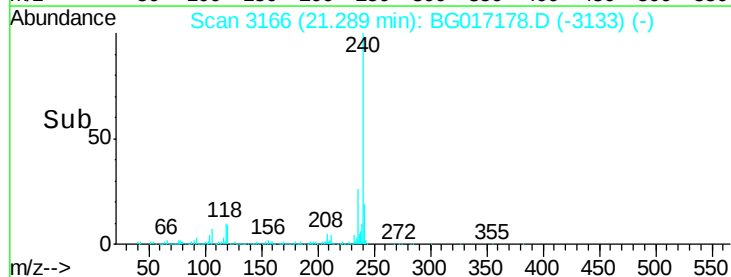
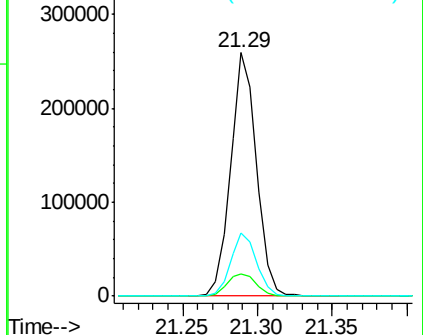
236 26.0 20.5 30.7

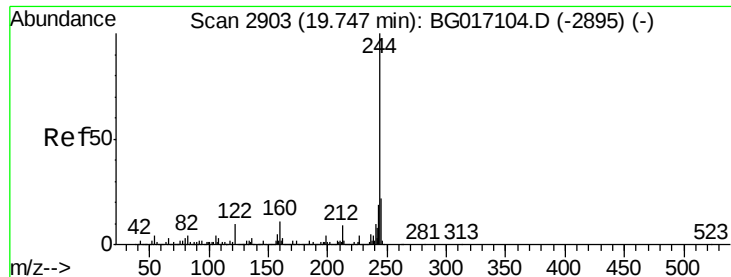


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.00 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017178.D

Acq: 15 May 2015 16:39

Instrument :

BNA_G

ClientSampleId :

TW-8

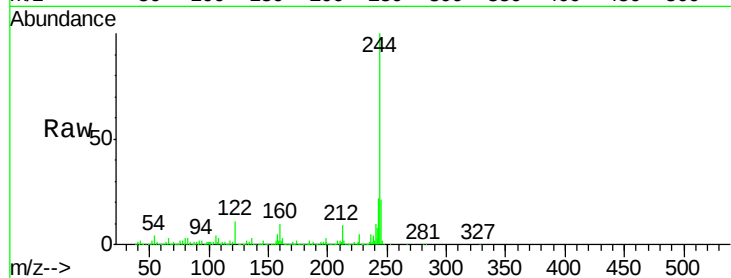
Tgt Ion:244 Resp: 1236605

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

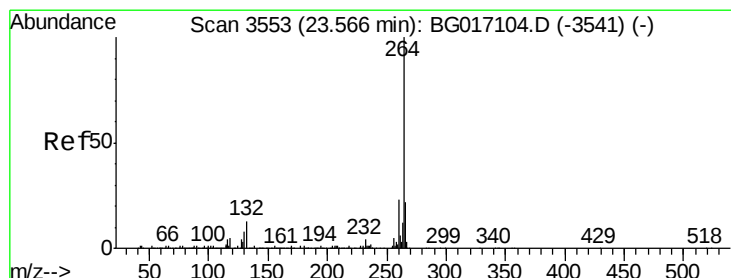
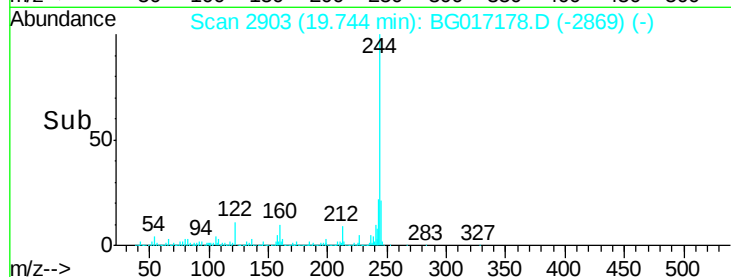
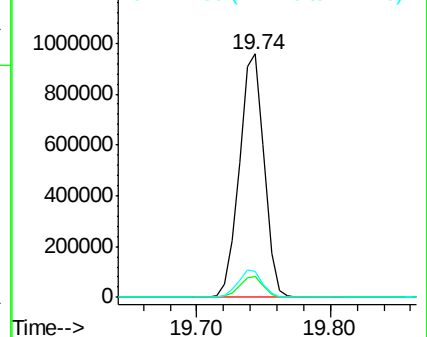
122 10.6 8.4 12.6



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: 23.56 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BG017178.D

Acq: 15 May 2015 16:39

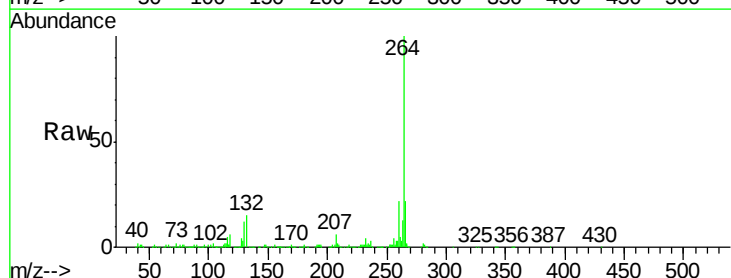
Tgt Ion:264 Resp: 307628

Ion Ratio Lower Upper

264 100

260 22.2 18.0 27.0

265 21.6 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

