

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017147.D
 Acq On : 14 May 2015 18:59
 Operator : TP/IZ
 Sample : G2225-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCW-RB09-51215

Quant Time: May 15 05:36:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	48743	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	218428	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	146715	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	339188	20.00	ng	0.00
75) Chrysene-d12	21.29	240	339802	20.00	ng	0.00
86) Perylene-d12	23.55	264	334568	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	184138	67.03	ng	0.00
7) Phenol-d6	6.90	99	155648	40.37	ng	0.00
23) Nitrobenzene-d5	8.87	82	432835	92.52	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	258419	145.71	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	925624	92.58	ng	0.00
78) Terphenyl-d14	19.74	244	1562314	95.81	ng	0.00

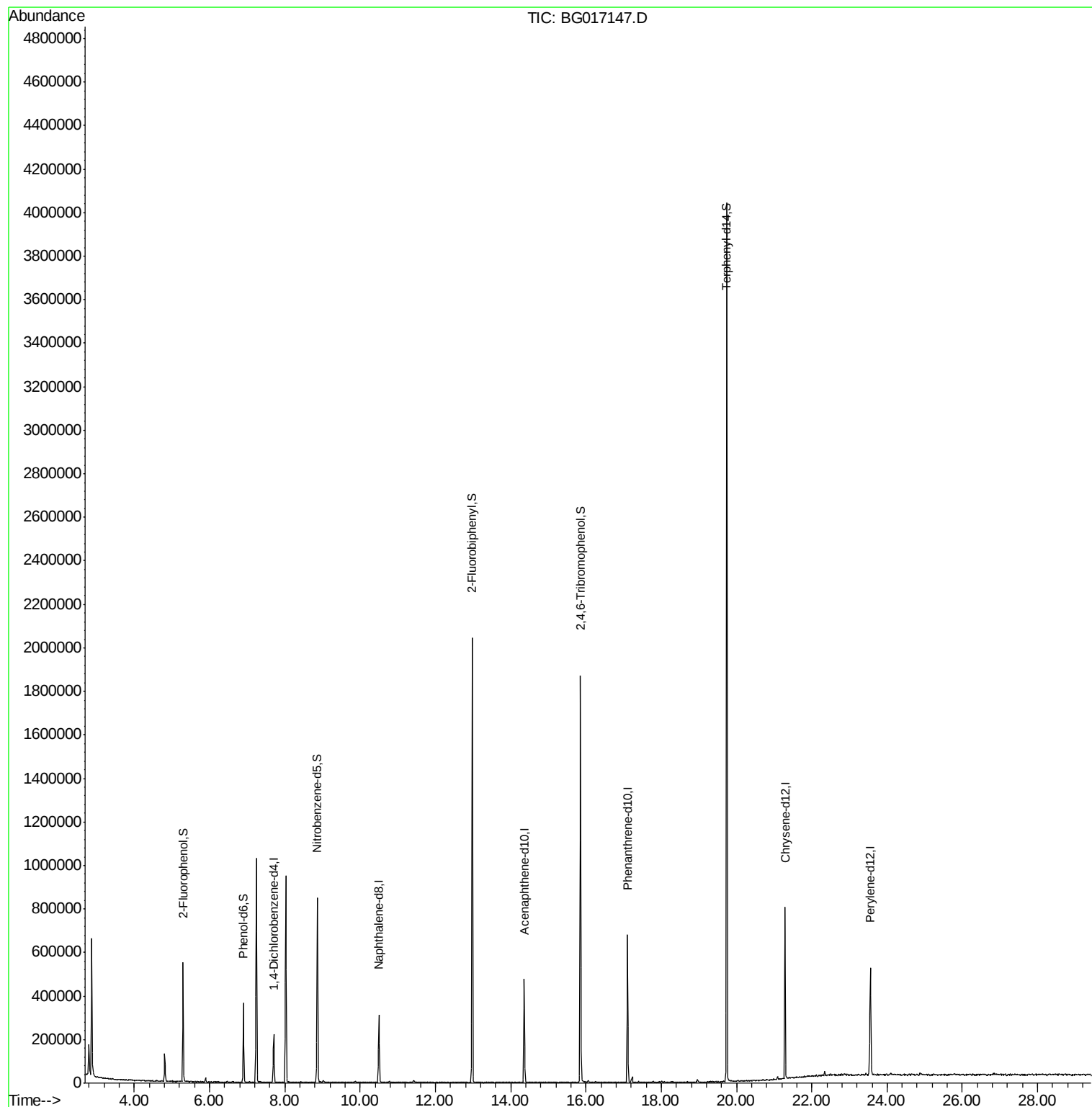
Target Compounds	Qvalue
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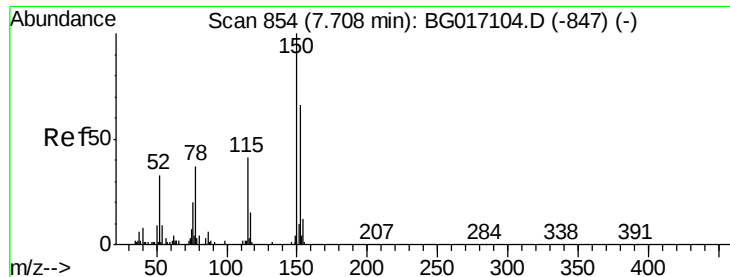
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG017147.D

Acq: 14 May 2015 18:59

Instrument :

BNA_G

ClientSampleId :

DCW-RB09-51215

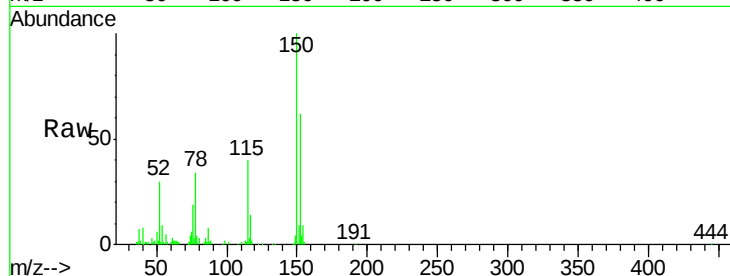
Tgt Ion:152 Resp: 48743

Ion Ratio Lower Upper

152 100

150 161.3 120.8 181.2

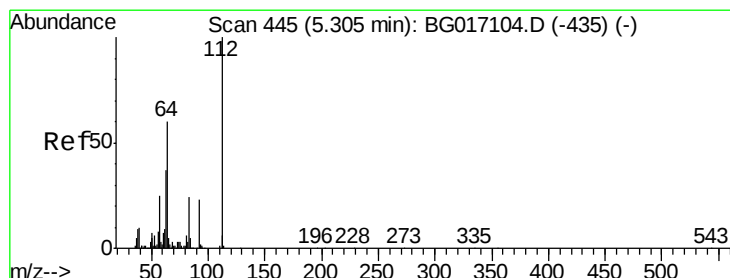
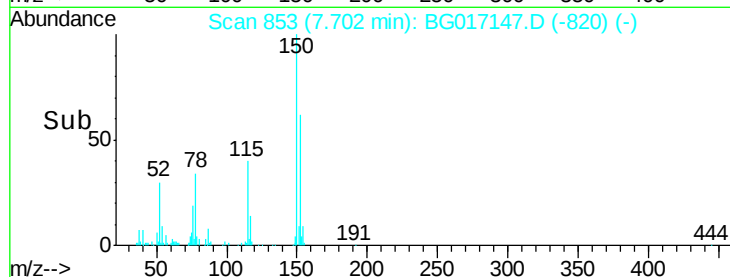
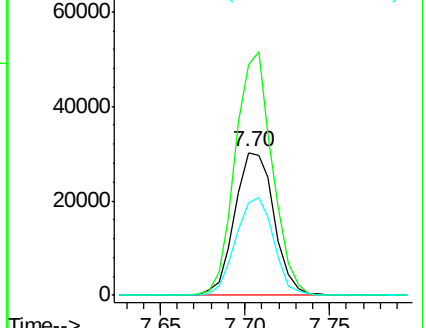
115 64.8 49.4 74.2



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: 67.03 ng

RT: 5.30 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG017147.D

Acq: 14 May 2015 18:59

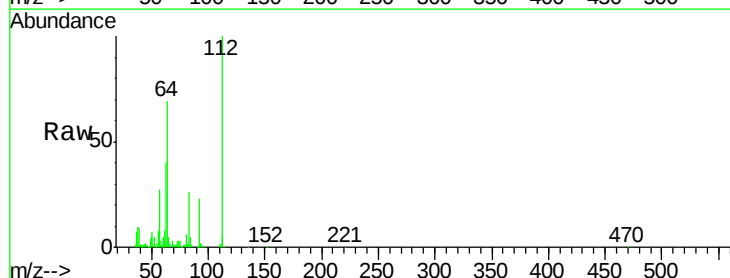
Tgt Ion:112 Resp: 184138

Ion Ratio Lower Upper

112 100

64 69.0 48.1 72.1

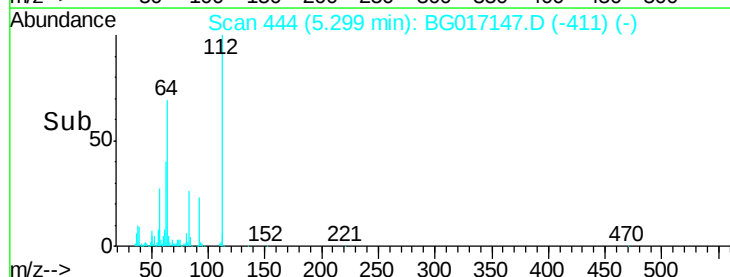
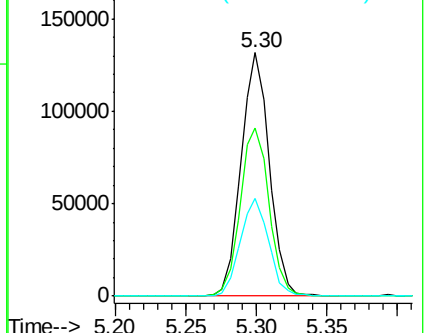
63 39.9 29.8 44.8

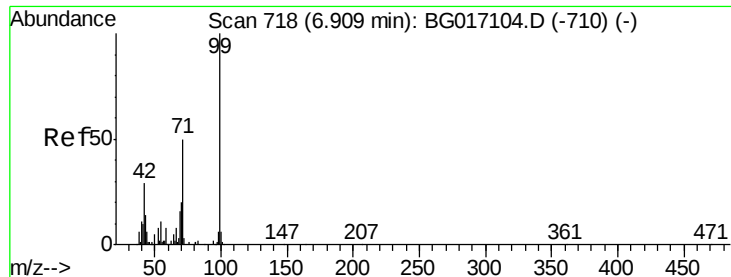


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.37 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG017147.D

Acq: 14 May 2015 18:59

Instrument :

BNA_G

ClientSampleId :

DCW-RB09-51215

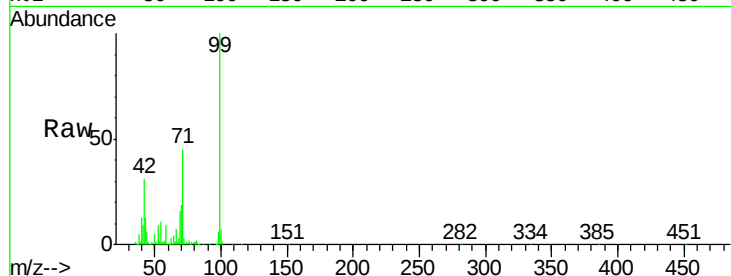
Tgt Ion: 99 Resp: 155648

Ion Ratio Lower Upper

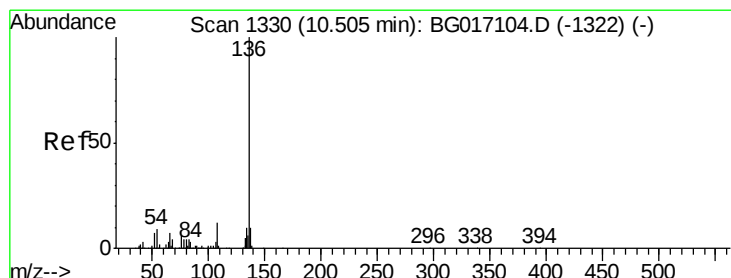
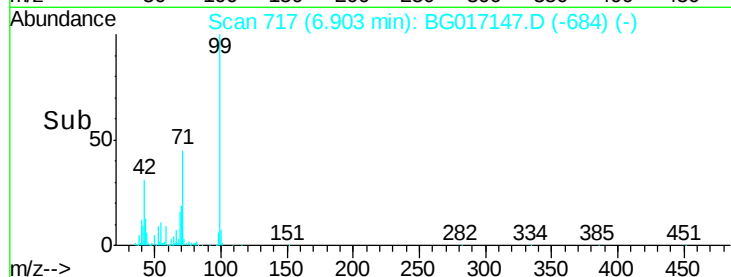
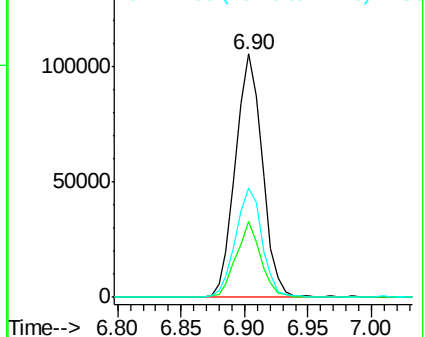
99 100

42 31.0 23.5 35.3

71 44.6 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# 1329

Delta R.T. -0.01 min

Lab File: BG017147.D

Acq: 14 May 2015 18:59

Tgt Ion: 136 Resp: 218428

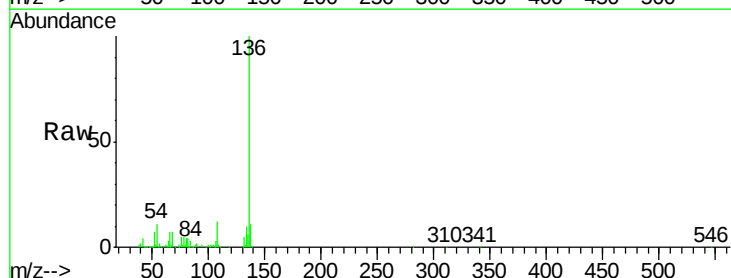
Ion Ratio Lower Upper

136 100

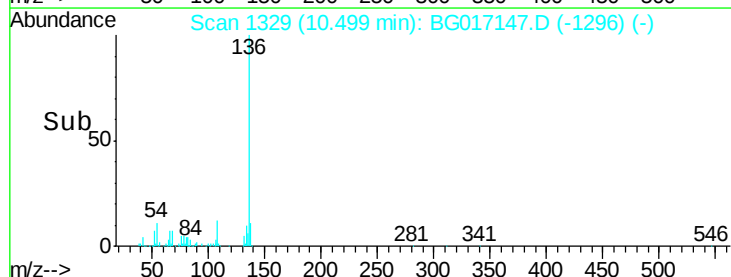
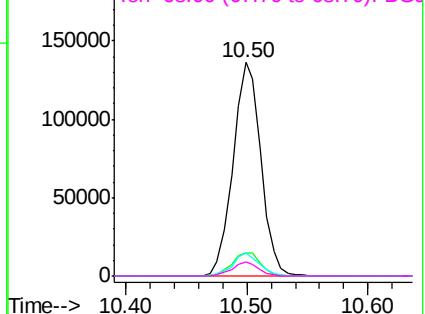
137 10.7 8.3 12.5

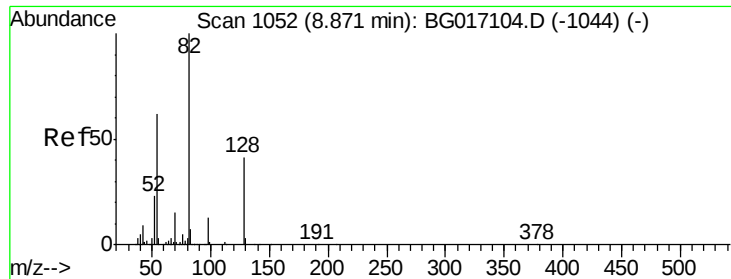
54 10.5 7.4 11.2

68 6.5 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

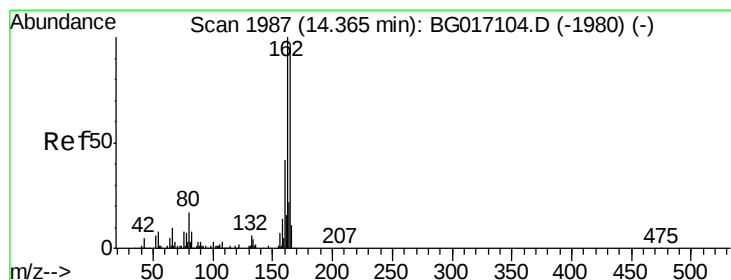
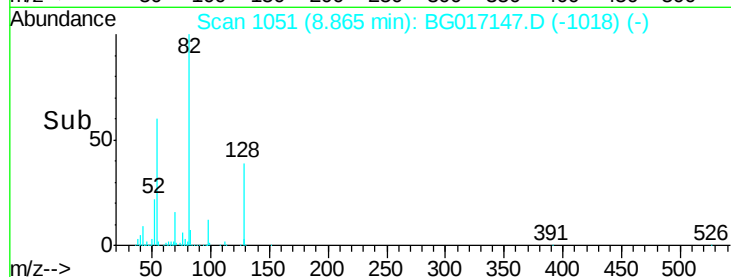
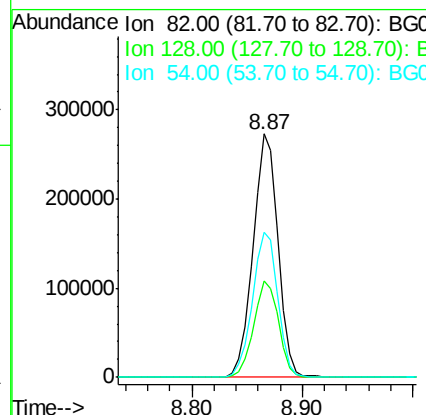
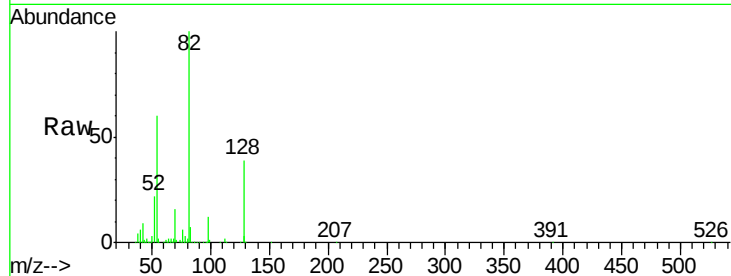




#23
 Nitrobenzene-d5
 Concen: 92.52 ng
 RT: 8.87 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017147.D
 Acq: 14 May 2015 18:59

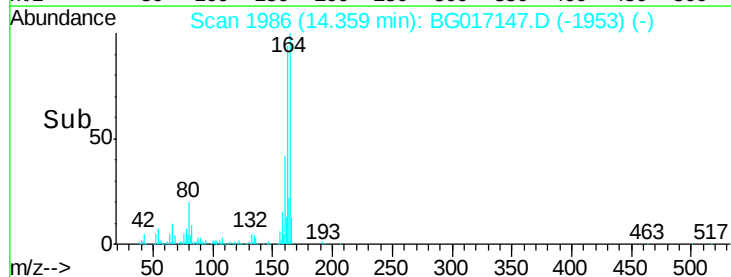
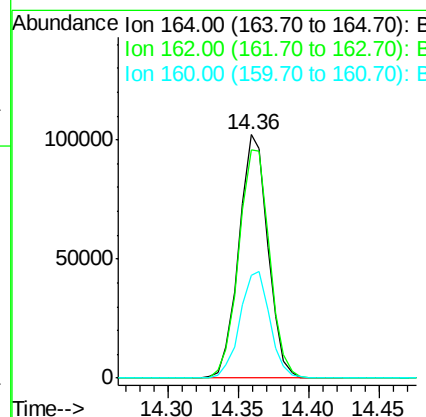
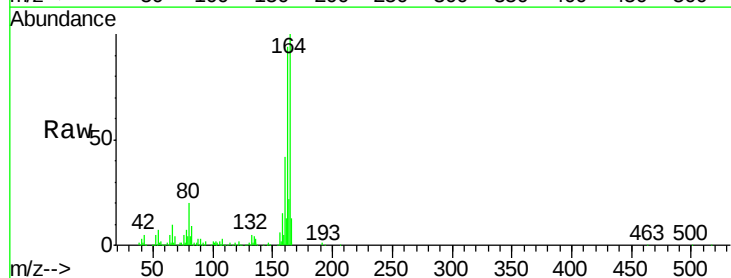
Instrument :
 BNA_G
 ClientSampleId :
 DCW-RB09-51215

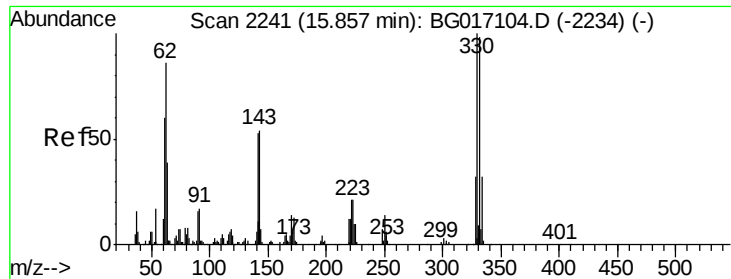
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.6	49.0
54	59.5	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG017147.D
 Acq: 14 May 2015 18:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.9	82.1	123.1
160	42.3	34.8	52.2

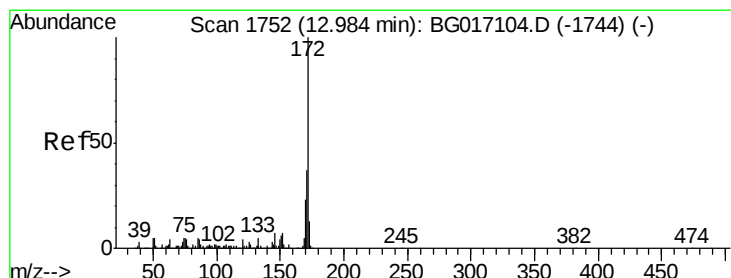
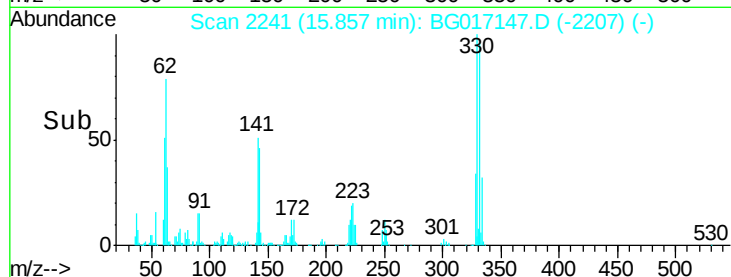
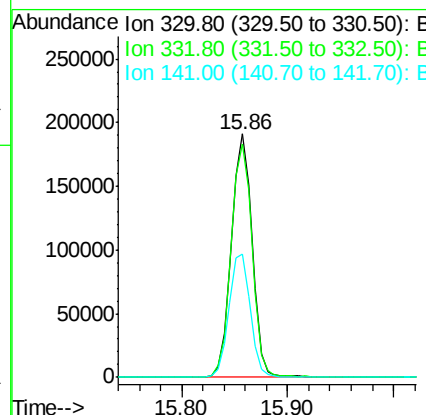
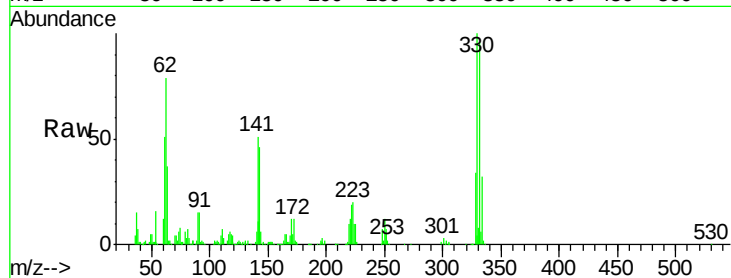




#41
 2,4,6-Tribromophenol
 Concen: 145.71 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017147.D
 Acq: 14 May 2015 18:59

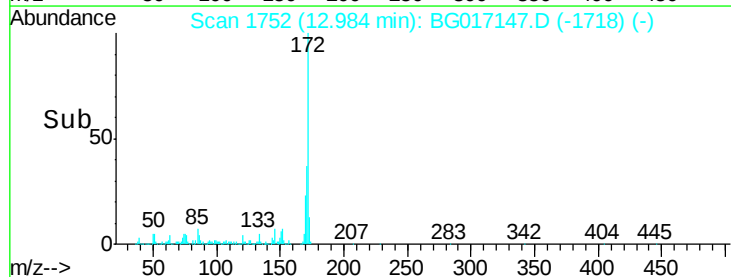
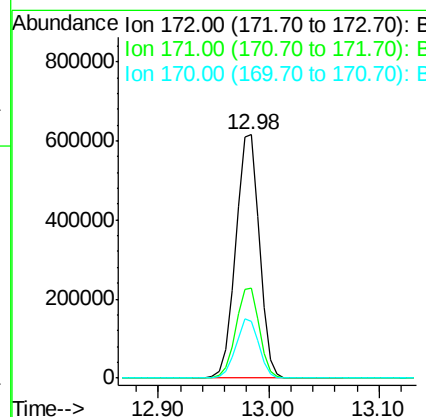
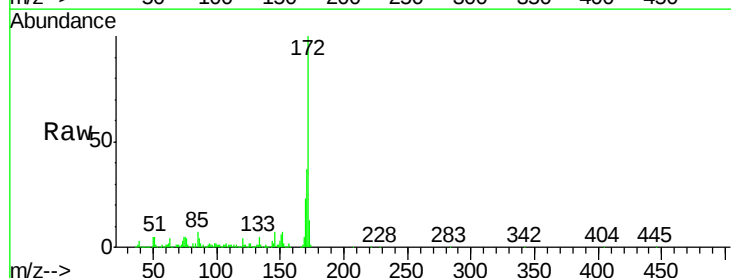
Instrument :
 BNA_G
 ClientSampleId :
 DCW-RB09-51215

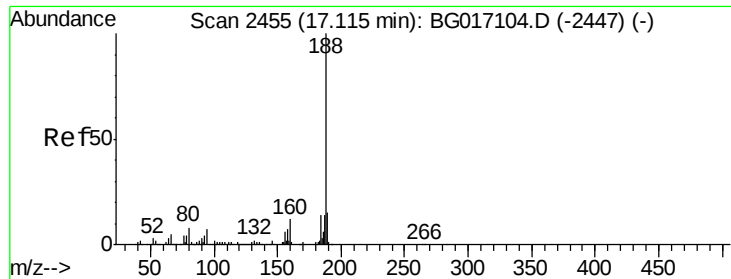
Tgt Ion:330 Resp: 258419
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.9 115.3
 141 52.5 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 92.58 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017147.D
 Acq: 14 May 2015 18:59

Tgt Ion:172 Resp: 925624
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 23.0 18.4 27.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG017147.D

Acq: 14 May 2015 18:59

Instrument :

BNA_G

ClientSampleId :

DCW-RB09-51215

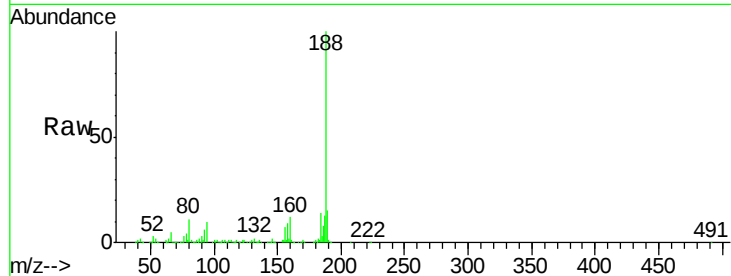
Tgt Ion:188 Resp: 339188

Ion Ratio Lower Upper

188 100

94 10.4 5.8 8.6#

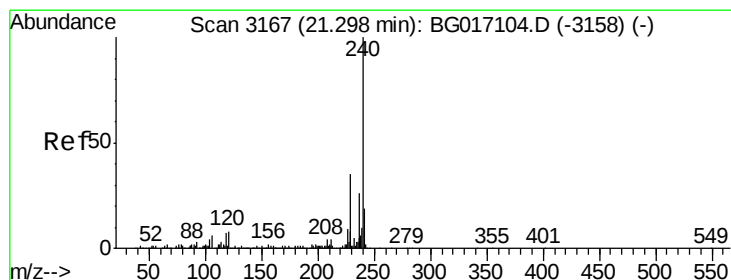
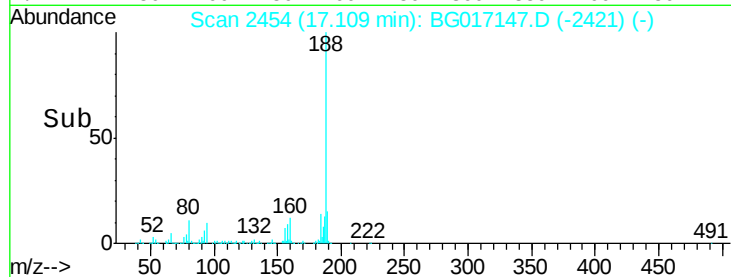
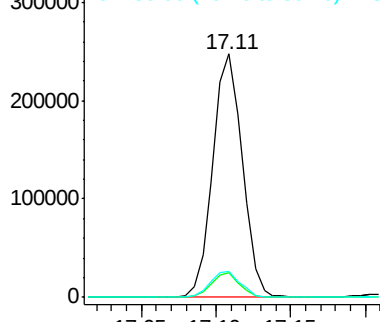
80 10.6 6.5 9.7#



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: BG017147.D

Acq: 14 May 2015 18:59

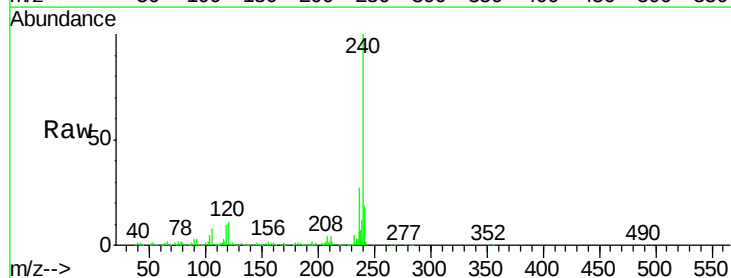
Tgt Ion:240 Resp: 339802

Ion Ratio Lower Upper

240 100

120 10.6 6.0 9.0#

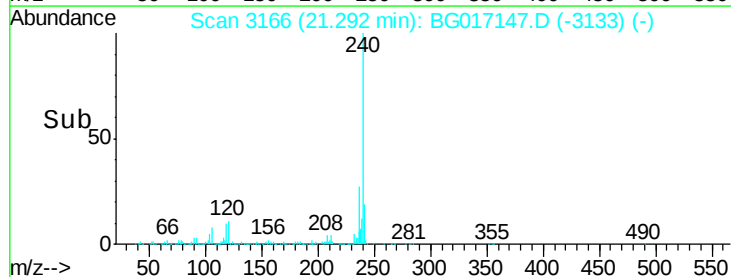
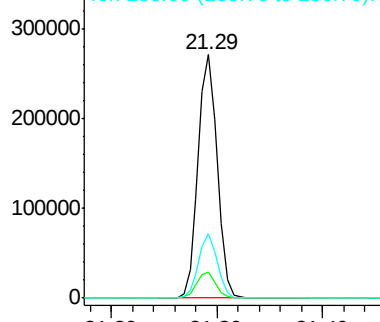
236 26.7 20.5 30.7

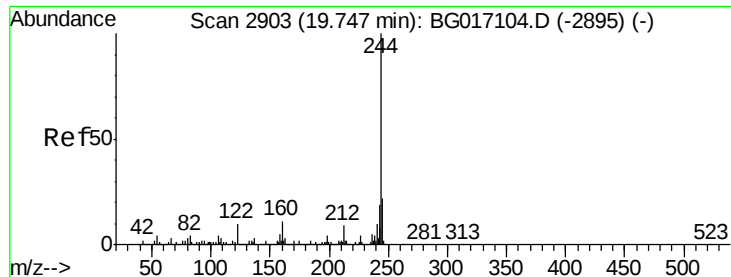


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.81 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG017147.D

Acq: 14 May 2015 18:59

Instrument :

BNA_G

ClientSampleId :

DCW-RB09-51215

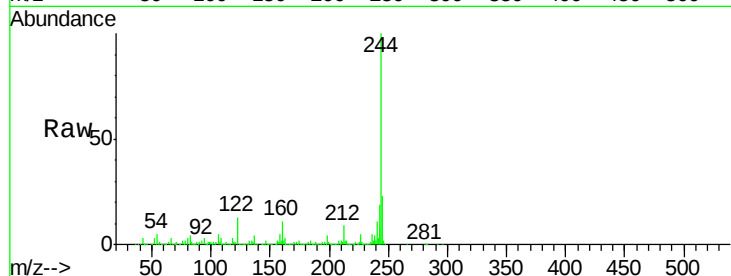
Tgt Ion:244 Resp: 1562314

Ion Ratio Lower Upper

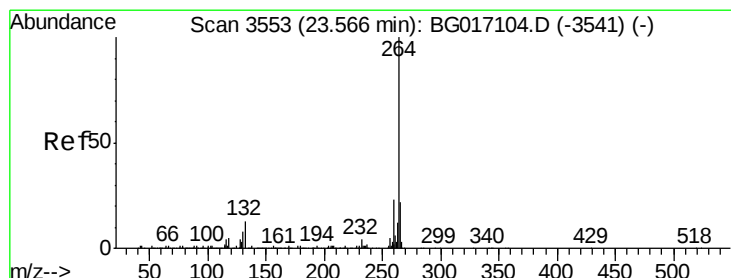
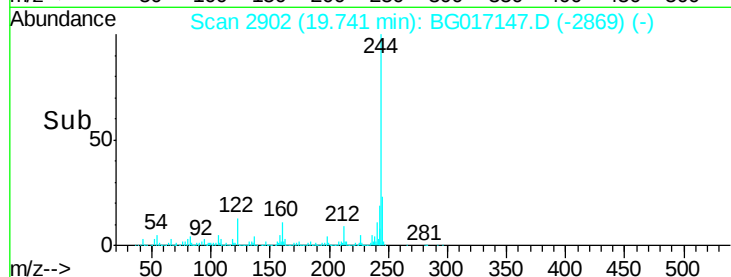
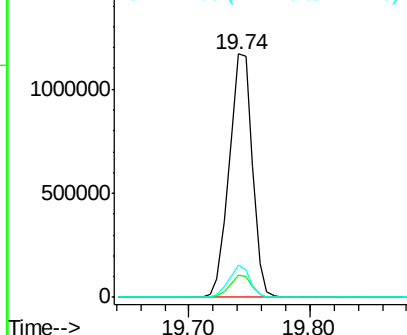
244 100

212 8.9 7.0 10.4

122 13.3 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: 23.55 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG017147.D

Acq: 14 May 2015 18:59

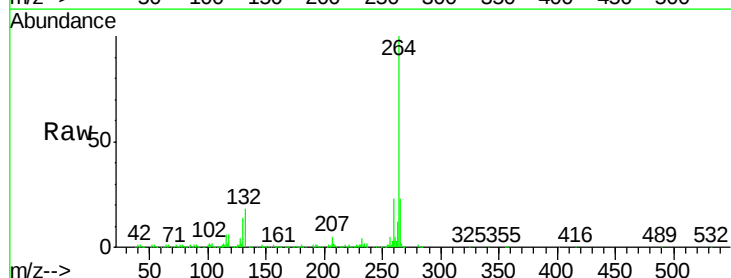
Tgt Ion:264 Resp: 334568

Ion Ratio Lower Upper

264 100

260 23.3 18.0 27.0

265 23.1 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

