

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017246.D
 Acq On : 22 May 2015 14:56
 Operator : TP/IZ
 Sample : G2255-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW039-150512

Quant Time: May 23 01:16:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 00:52:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	30041	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	124441	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	73511	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	162890	20.00	ng	0.00
75) Chrysene-d12	21.27	240	188011	20.00	ng	0.00
86) Perylene-d12	23.52	264	181422	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	8241	4.87	ng	0.00
7) Phenol-d6	6.88	99	6289	2.65	ng	0.00
23) Nitrobenzene-d5	8.84	82	20263	7.60	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	9508	10.70	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	43563	8.70	ng	0.00
78) Terphenyl-d14	19.71	244	83610	9.27	ng	0.00

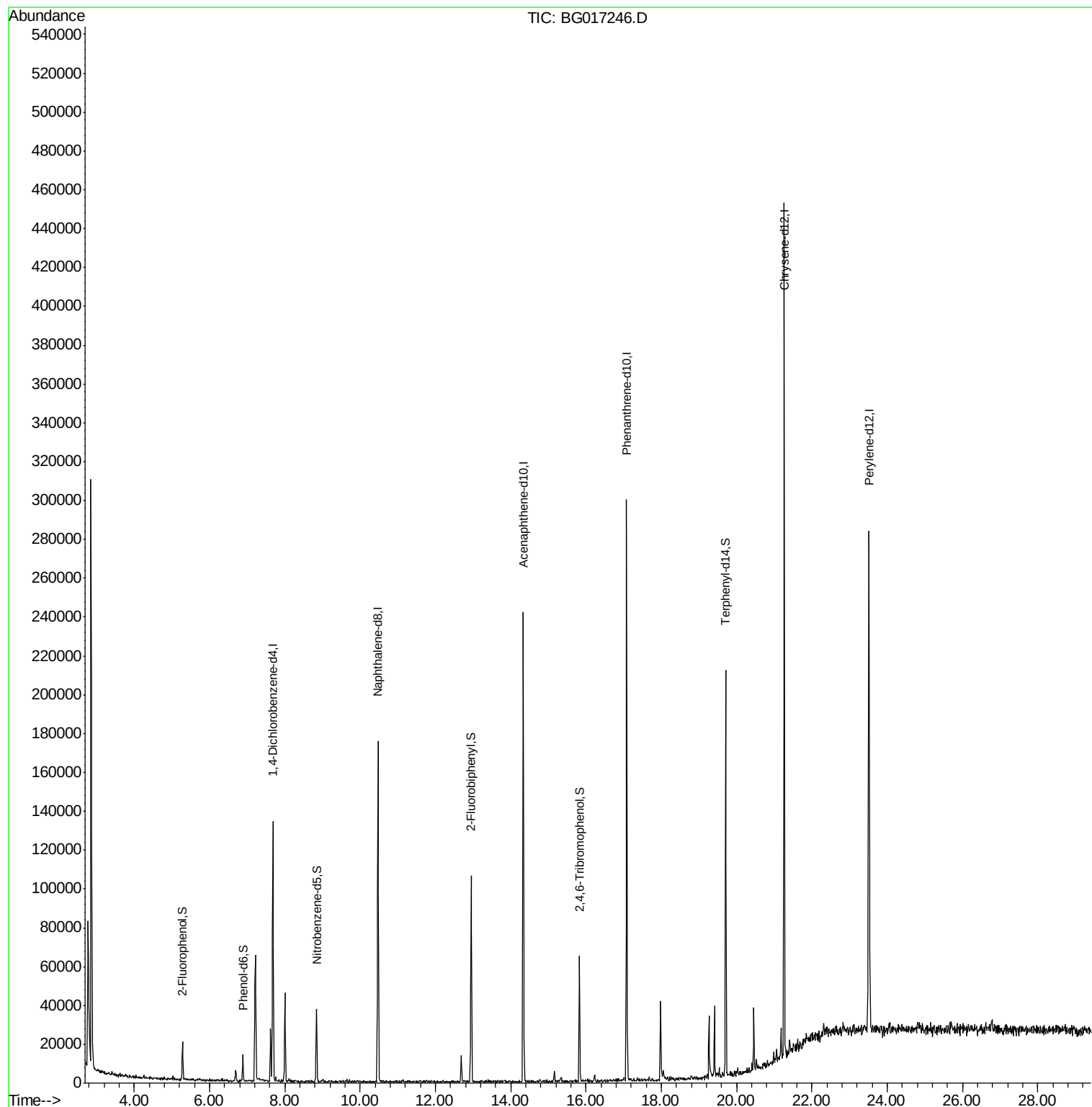
Target Compounds	Qvalue
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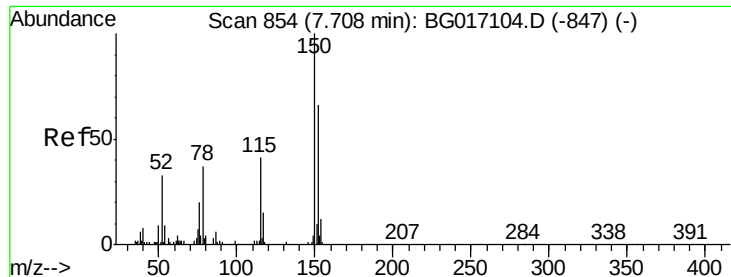
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017246.D

Acq: 22 May 2015 14:56

Instrument :

BNA_G

ClientSampleId :

SS043MW039-150512

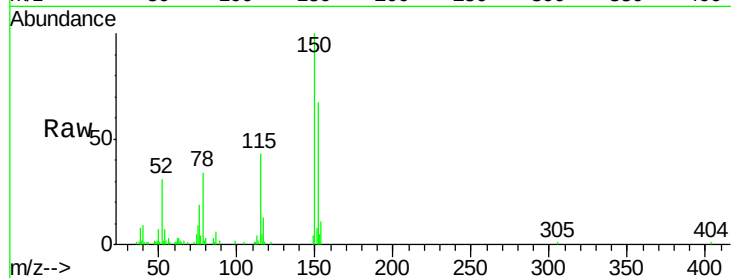
Tgt Ion:152 Resp: 30041

Ion Ratio Lower Upper

152 100

150 148.8 120.8 181.2

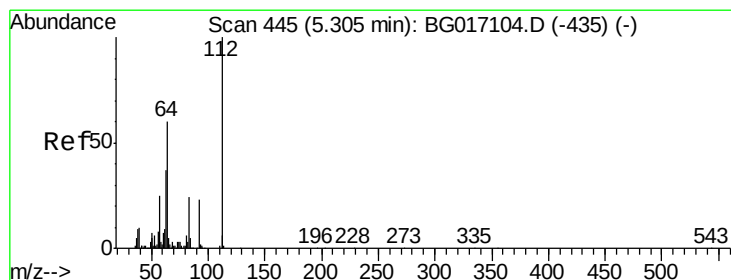
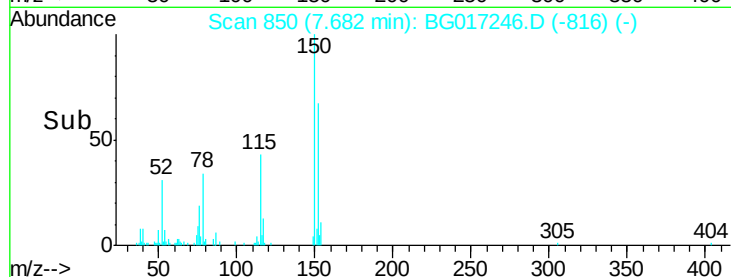
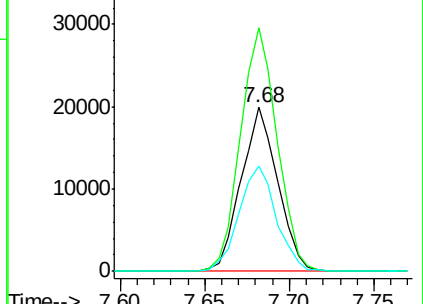
115 64.1 49.4 74.2



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: 4.87 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG017246.D

Acq: 22 May 2015 14:56

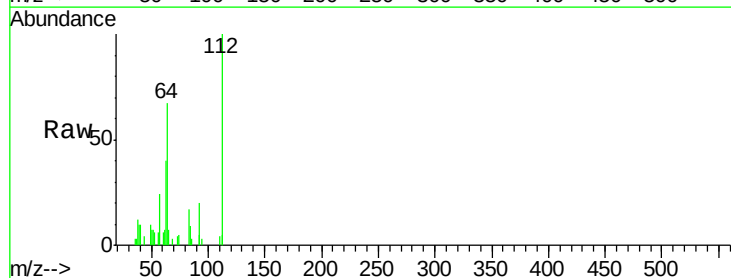
Tgt Ion:112 Resp: 8241

Ion Ratio Lower Upper

112 100

64 66.8 48.1 72.1

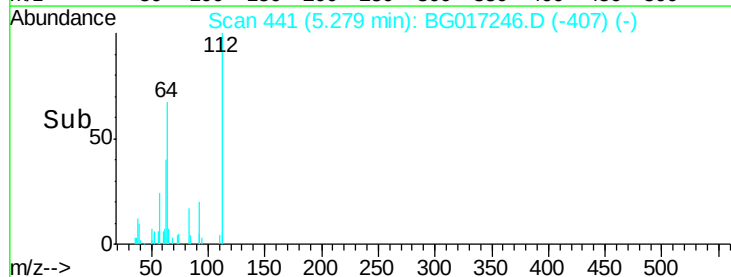
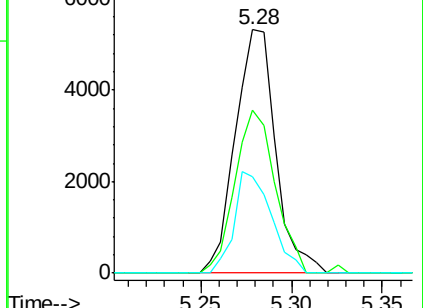
63 39.5 29.8 44.8

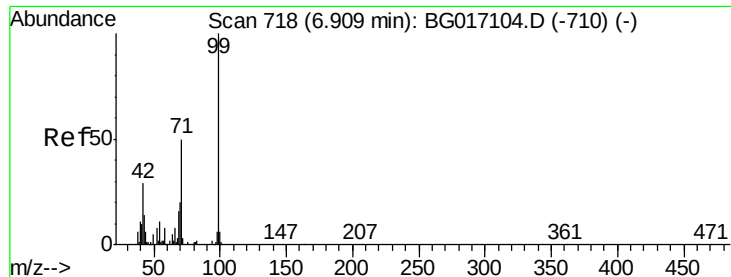


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 2.65 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG017246.D

Acq: 22 May 2015 14:56

Instrument :

BNA_G

ClientSampleId :

SS043MW039-150512

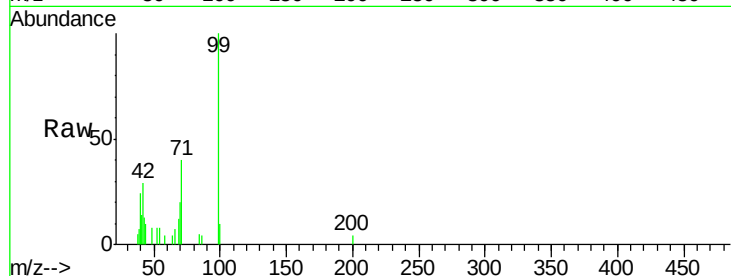
Tgt Ion: 99 Resp: 6289

Ion Ratio Lower Upper

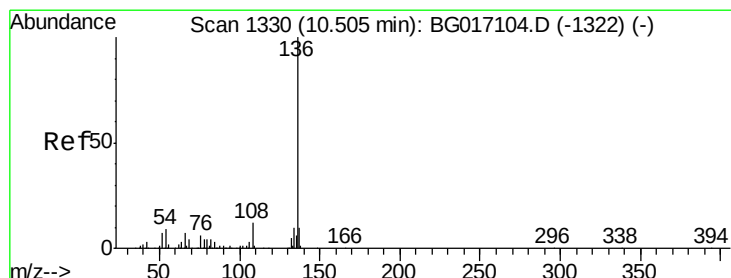
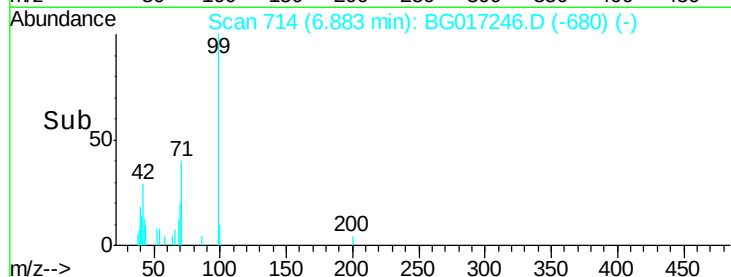
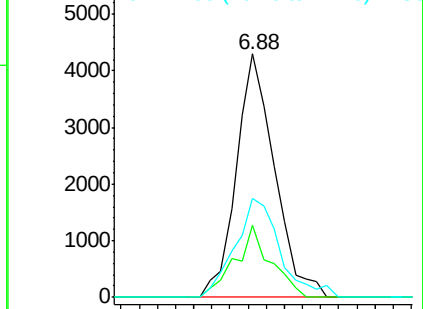
99 100

42 29.4 23.5 35.3

71 40.4 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: 10.47 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG017246.D

Acq: 22 May 2015 14:56

Tgt Ion: 136 Resp: 124441

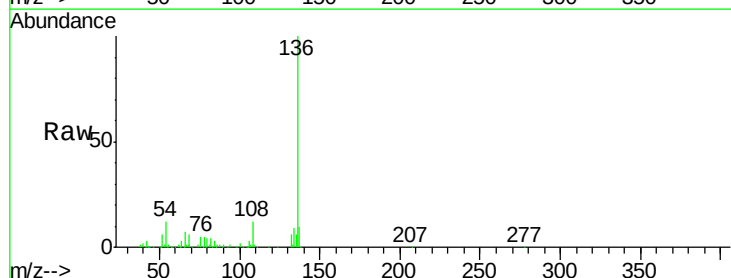
Ion Ratio Lower Upper

136 100

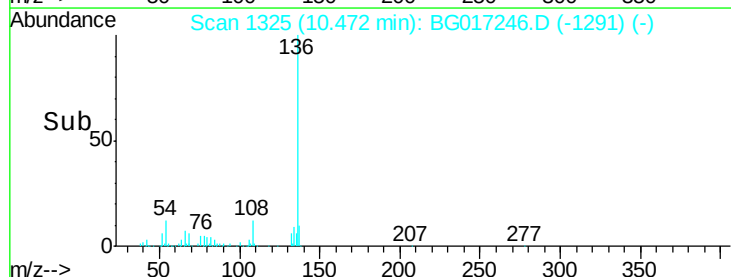
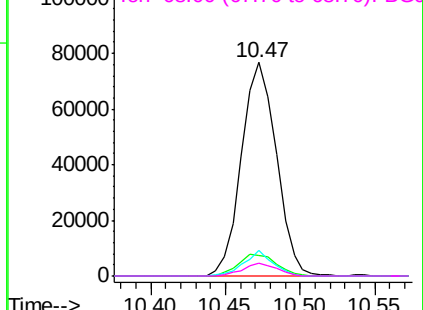
137 9.7 8.3 12.5

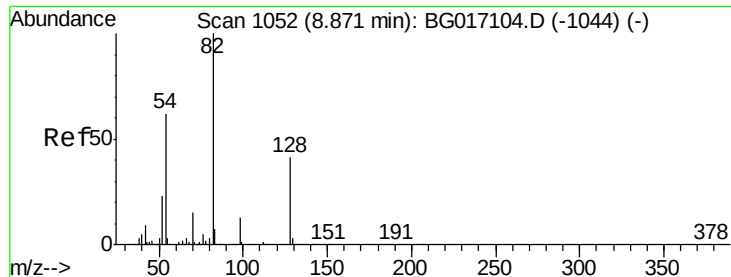
54 12.3 7.4 11.2#

68 6.8 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

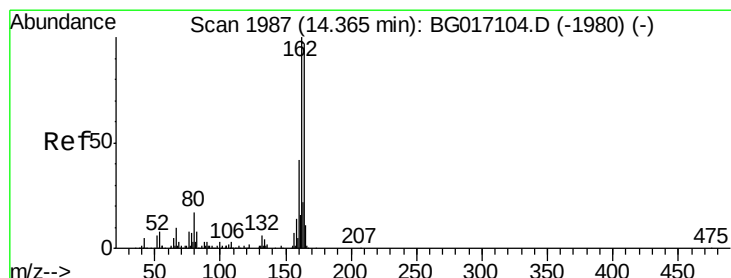
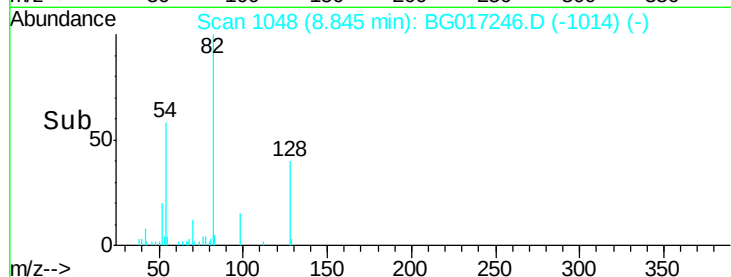
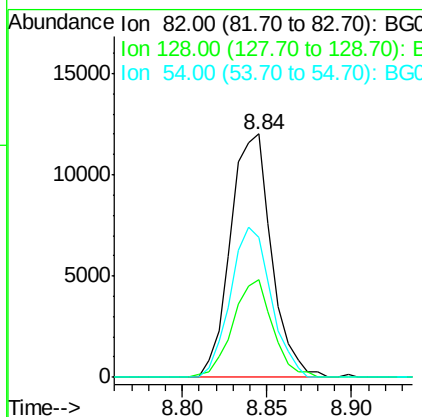
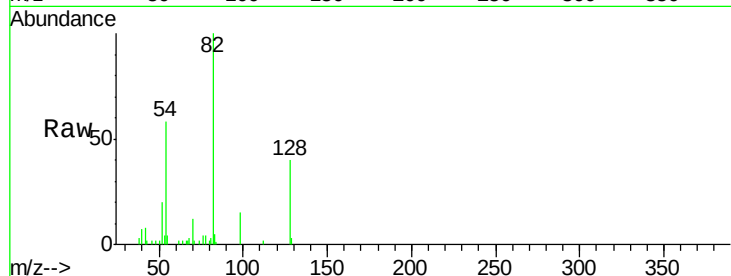




#23
 Nitrobenzene-d5
 Concen: 7.60 ng
 RT: 8.84 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG017246.D
 Acq: 22 May 2015 14:56

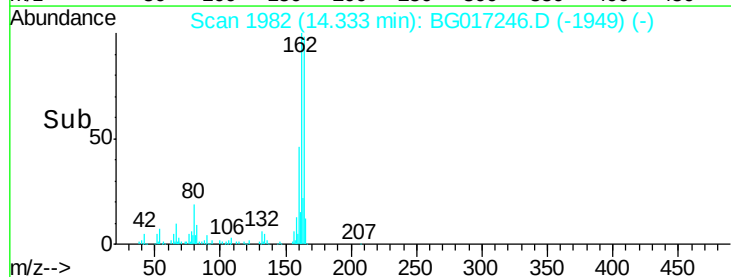
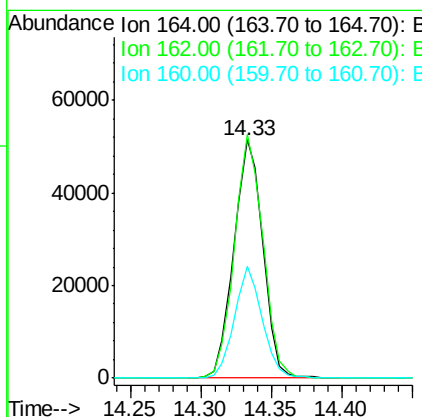
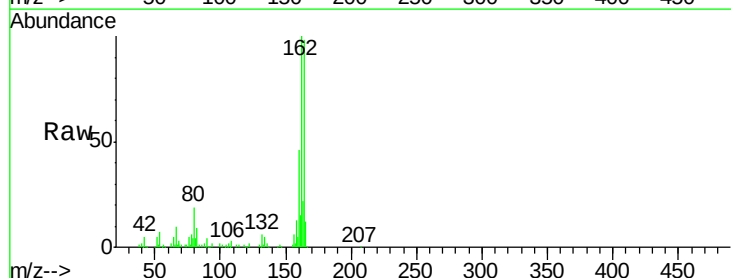
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW039-150512

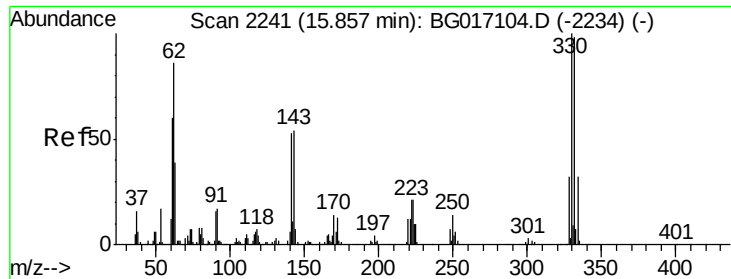
Tgt Ion: 82 Resp: 20263
 Ion Ratio Lower Upper
 82 100
 128 40.2 32.6 49.0
 54 57.7 49.6 74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG017246.D
 Acq: 22 May 2015 14:56

Tgt Ion: 164 Resp: 73511
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.1 123.1
 160 46.8 34.8 52.2

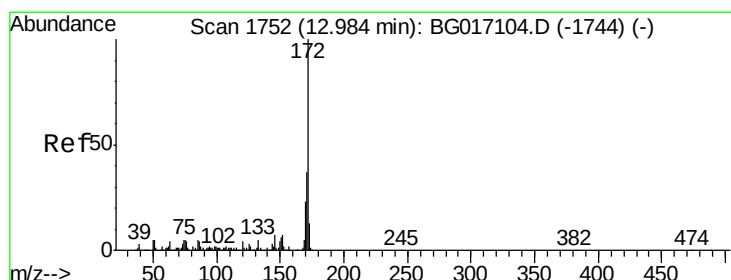
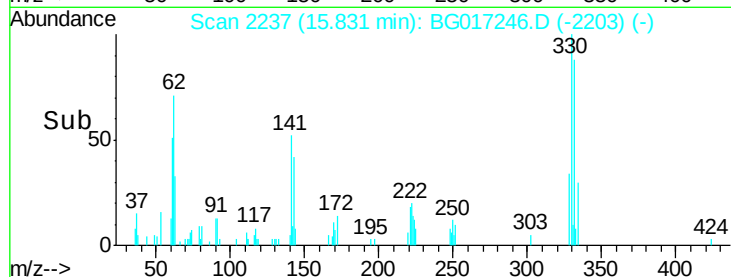
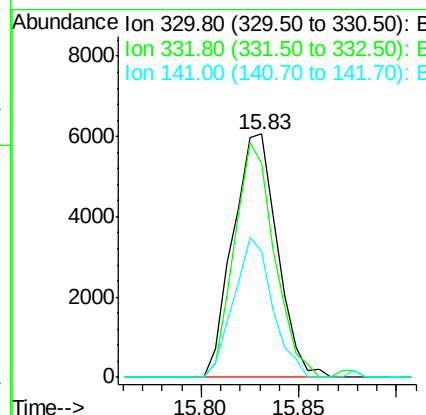
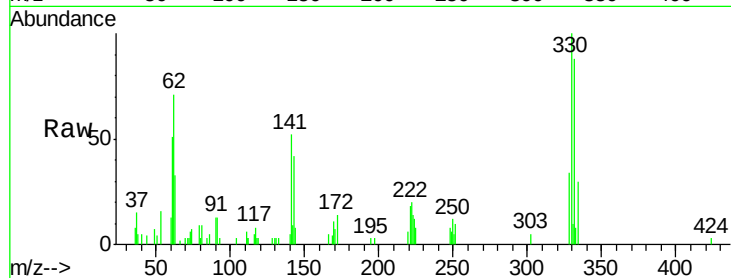




#41
 2,4,6-Tribromophenol
 Concen: 10.70 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BG017246.D
 Acq: 22 May 2015 14:56

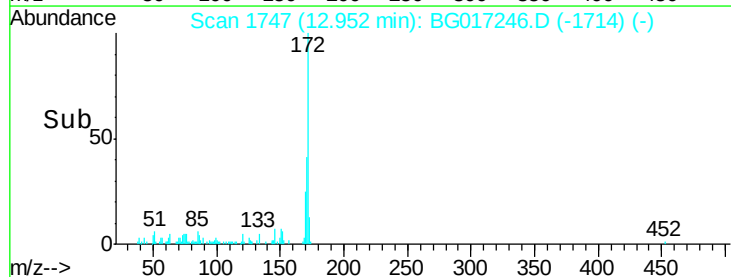
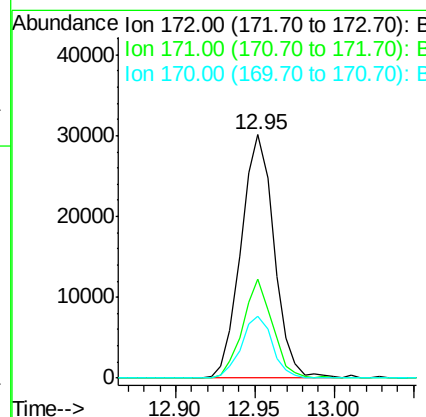
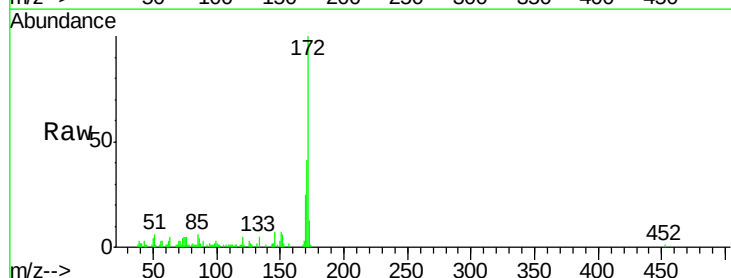
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW039-150512

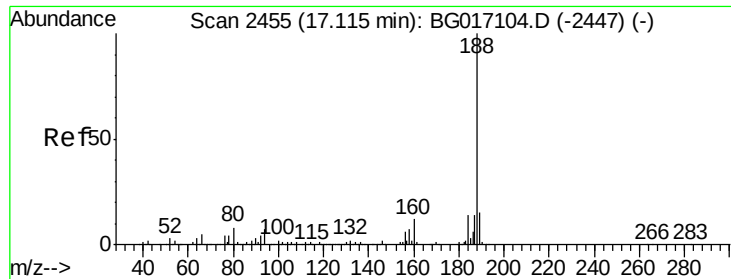
Tgt Ion:330 Resp: 9508
 Ion Ratio Lower Upper
 330 100
 332 87.2 76.9 115.3
 141 50.5 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 8.70 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG017246.D
 Acq: 22 May 2015 14:56

Tgt Ion:172 Resp: 43563
 Ion Ratio Lower Upper
 172 100
 171 40.6 29.7 44.5
 170 25.4 18.4 27.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG017246.D

Acq: 22 May 2015 14:56

Instrument :

BNA_G

ClientSampleId :

SS043MW039-150512

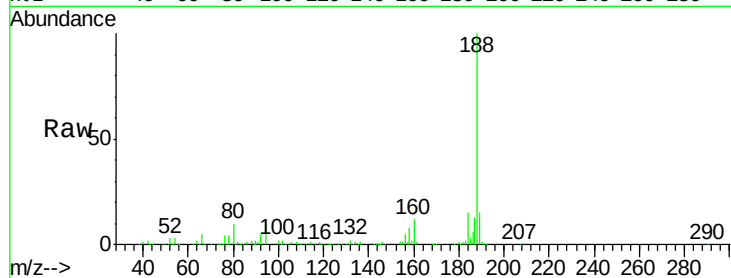
Tgt Ion:188 Resp: 162890

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.6#

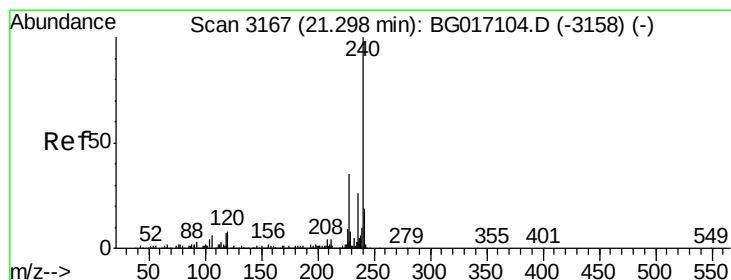
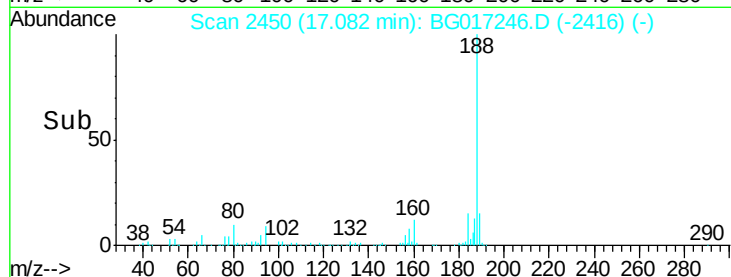
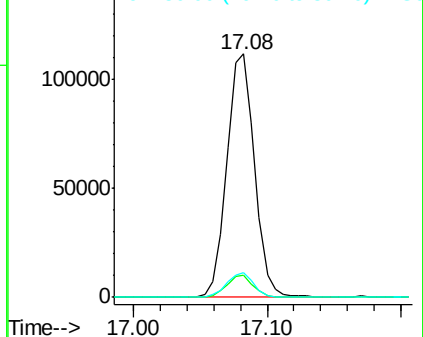
80 10.2 6.5 9.7#



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: 21.27 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG017246.D

Acq: 22 May 2015 14:56

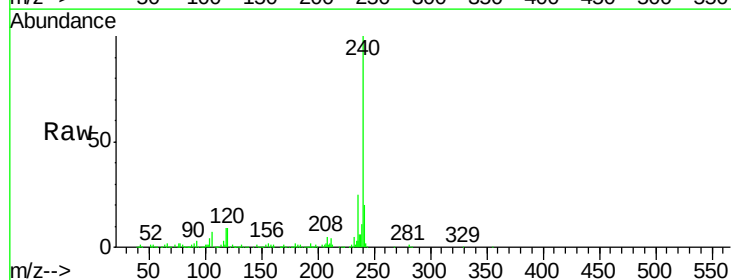
Tgt Ion:240 Resp: 188011

Ion Ratio Lower Upper

240 100

120 9.1 6.0 9.0#

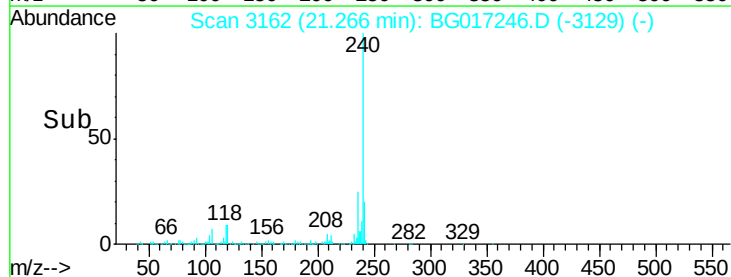
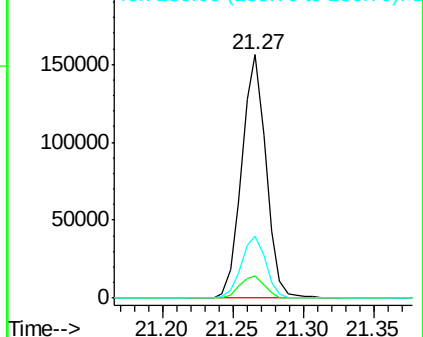
236 25.4 20.5 30.7

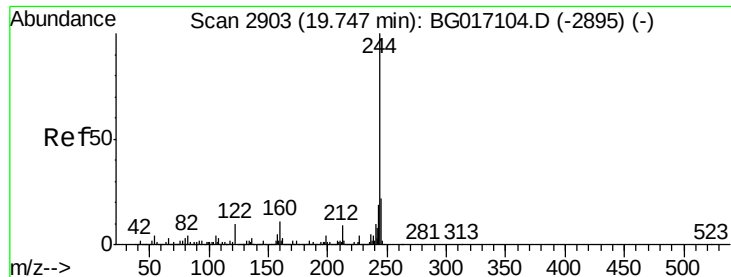


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 9.27 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.01 min

Lab File: BG017246.D

Acq: 22 May 2015 14:56

Instrument :

BNA_G

ClientSampleId :

SS043MW039-150512

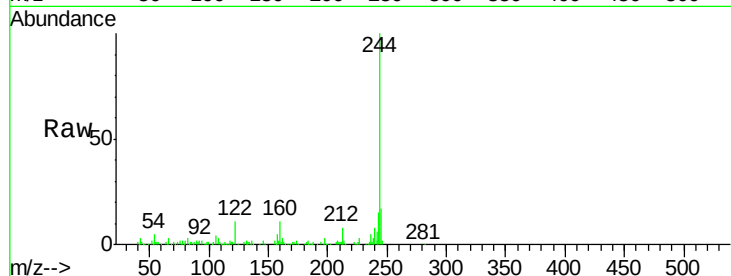
Tgt Ion:244 Resp: 83610

Ion Ratio Lower Upper

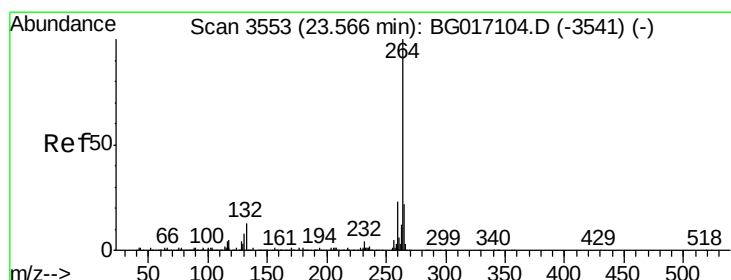
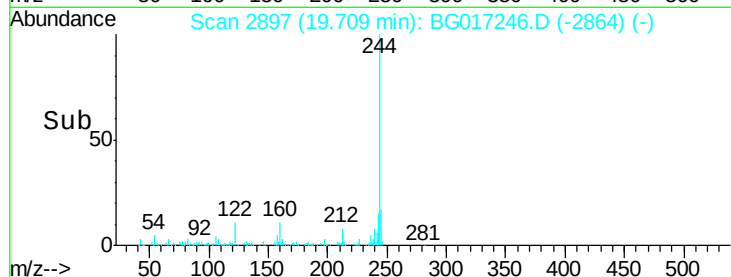
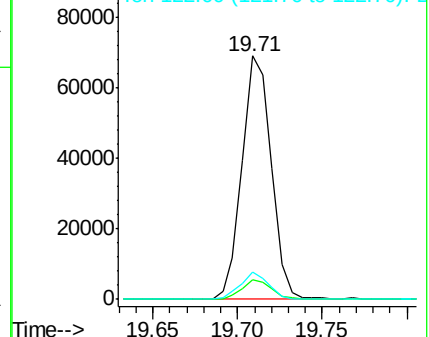
244 100

212 7.9 7.0 10.4

122 11.3 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: 23.52 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG017246.D

Acq: 22 May 2015 14:56

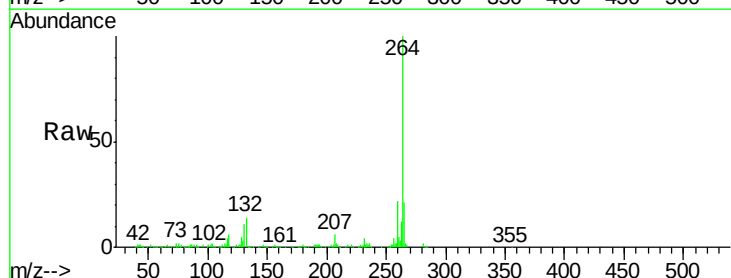
Tgt Ion:264 Resp: 181422

Ion Ratio Lower Upper

264 100

260 21.7 18.0 27.0

265 21.2 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

