

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017244.D
 Acq On : 22 May 2015 13:47
 Operator : TP/IZ
 Sample : G2255-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LF017MW003-150512

Quant Time: May 23 00:57:42 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

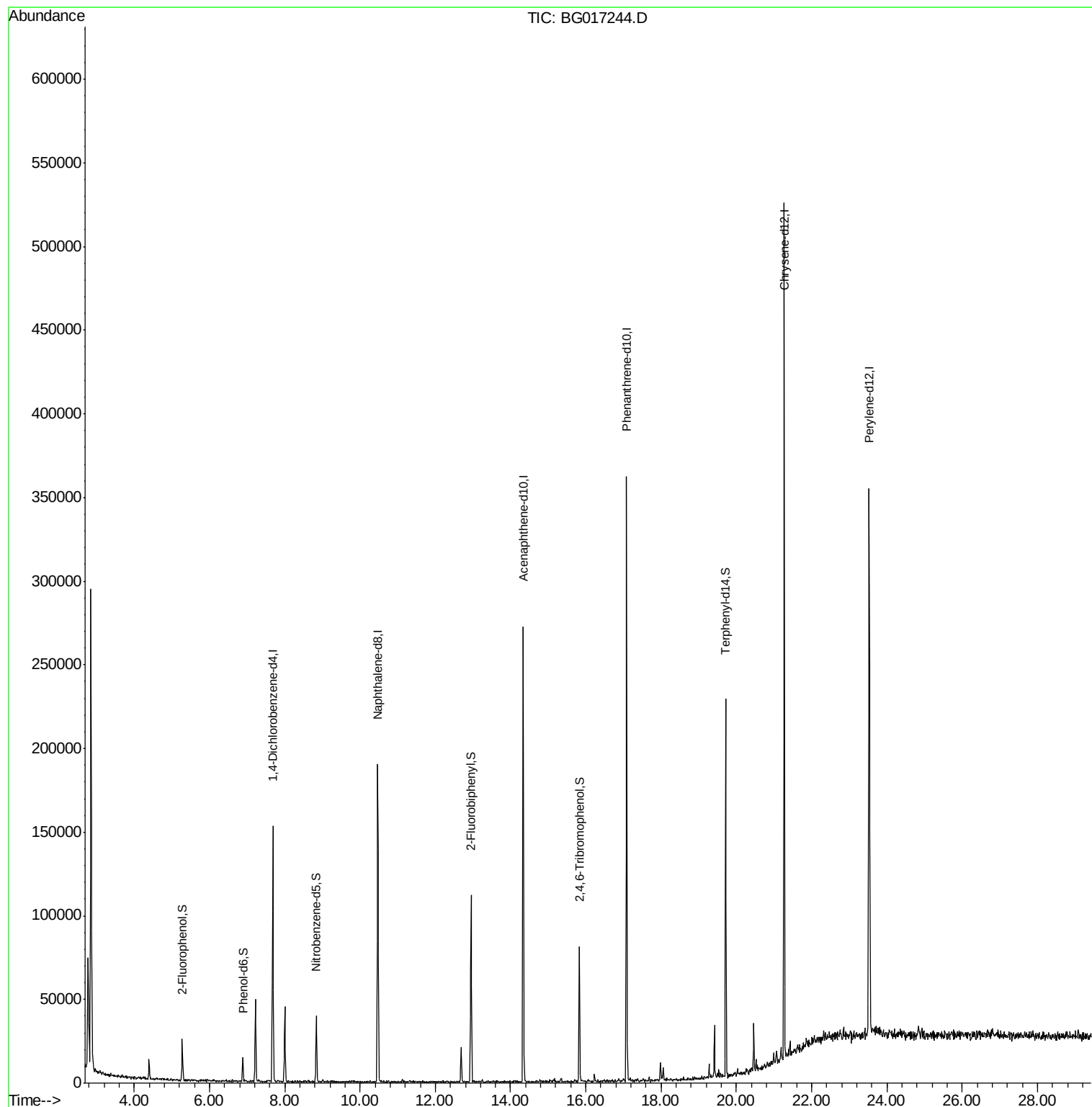
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	36757	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	142515	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	87284	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	190164	20.00	ng	0.00
75) Chrysene-d12	21.27	240	219442	20.00	ng	0.00
86) Perylene-d12	23.53	264	217659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	9575	4.62	ng	0.00
7) Phenol-d6	6.89	99	7218	2.48	ng	0.00
23) Nitrobenzene-d5	8.84	82	20887	6.84	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	12353	11.71	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	43675	7.34	ng	0.00
78) Terphenyl-d14	19.71	244	88484	8.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.83	77	60	Below Cal	Qvalue #	6

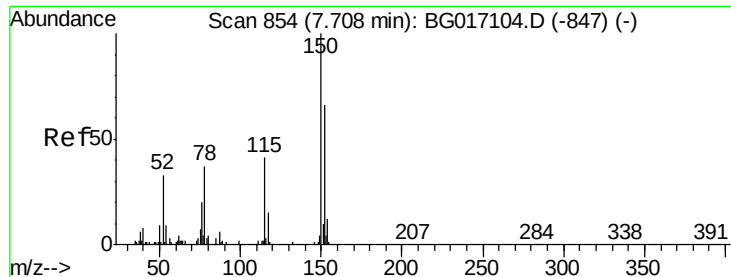
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG017244.D

Acq: 22 May 2015 13:47

Instrument :

BNA_G

ClientSampleId :

LF017MW003-150512

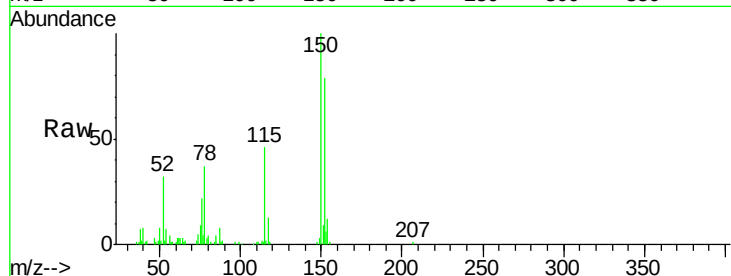
Tgt Ion:152 Resp: 36757

Ion Ratio Lower Upper

152 100

150 127.3 120.8 181.2

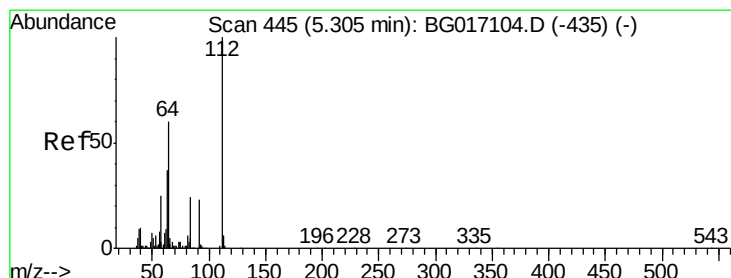
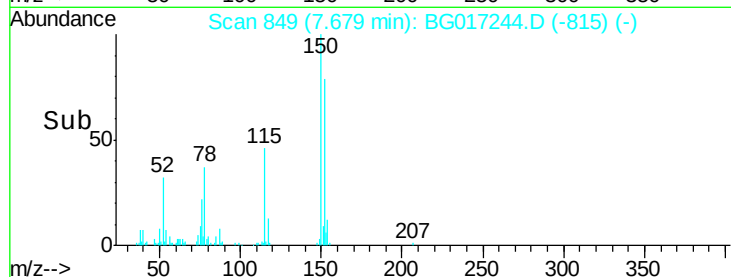
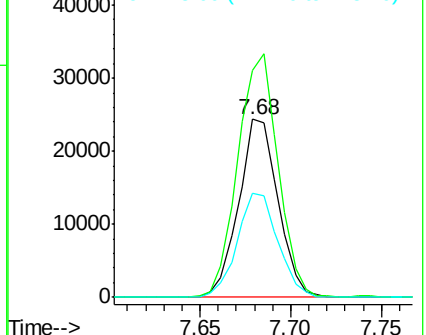
115 58.7 49.4 74.2



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: 4.62 ng

RT: 5.28 min Scan# 440

Delta R.T. -0.00 min

Lab File: BG017244.D

Acq: 22 May 2015 13:47

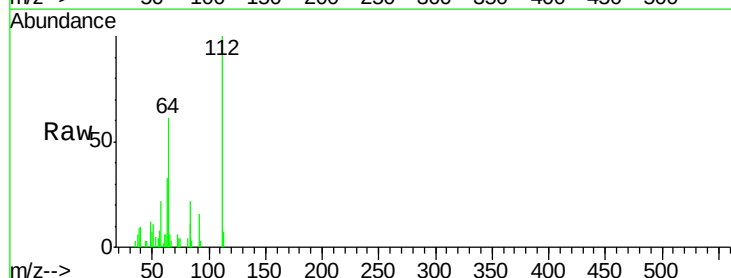
Tgt Ion:112 Resp: 9575

Ion Ratio Lower Upper

112 100

64 61.0 48.1 72.1

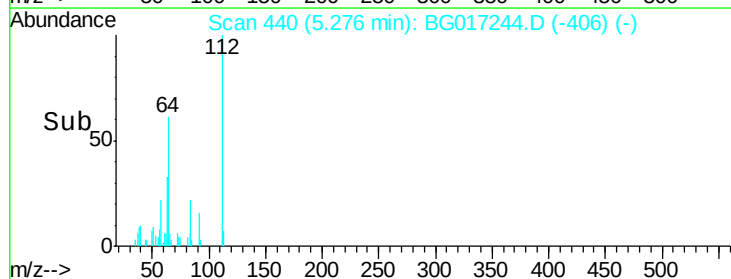
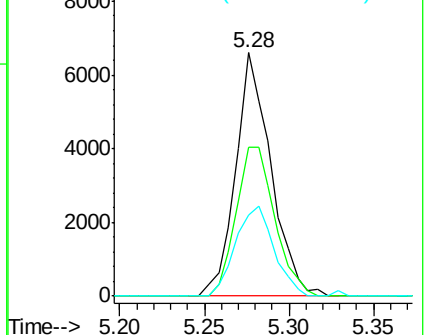
63 33.2 29.8 44.8

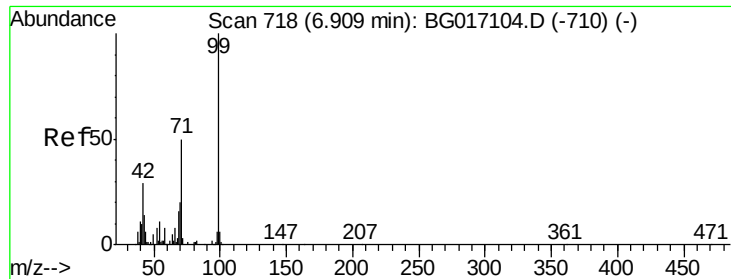


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 2.48 ng

RT: 6.89 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG017244.D

Acq: 22 May 2015 13:47

Instrument :

BNA_G

ClientSampleId :

LF017MW003-150512

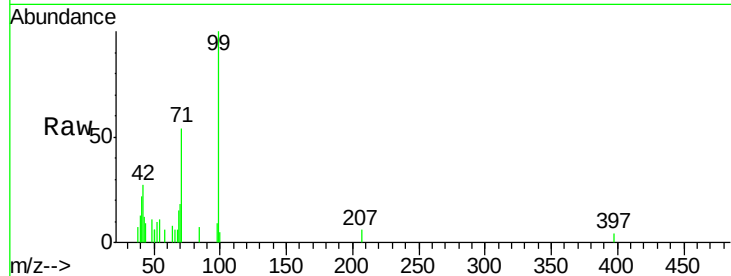
Tgt Ion: 99 Resp: 7218

Ion Ratio Lower Upper

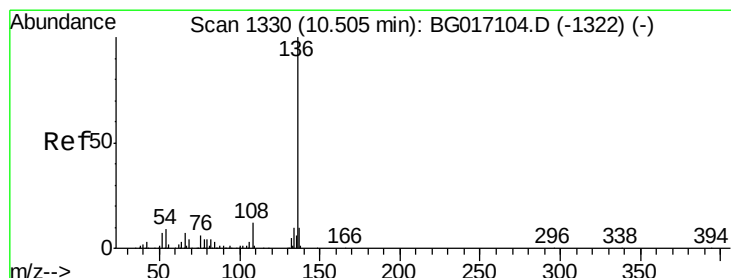
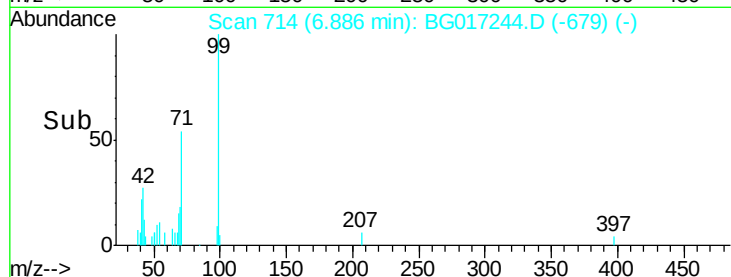
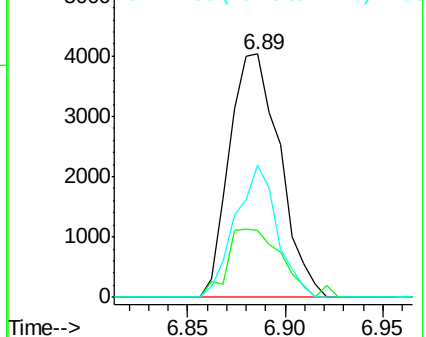
99 100

42 27.4 23.5 35.3

71 54.1 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# 1324

Delta R.T. -0.00 min

Lab File: BG017244.D

Acq: 22 May 2015 13:47

Tgt Ion: 136 Resp: 142515

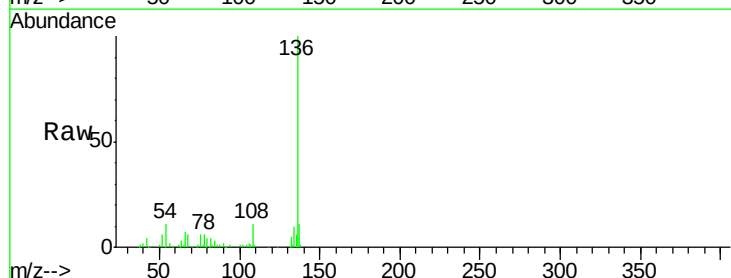
Ion Ratio Lower Upper

136 100

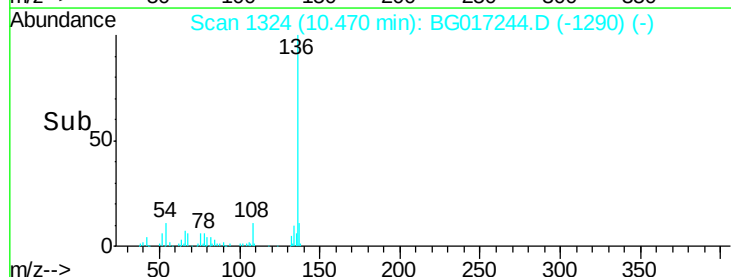
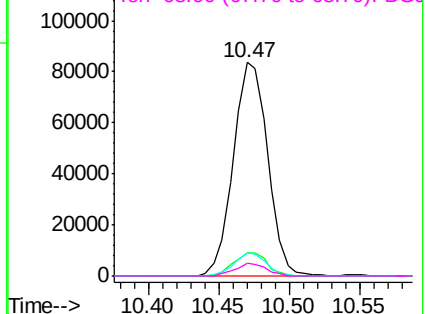
137 10.7 8.3 12.5

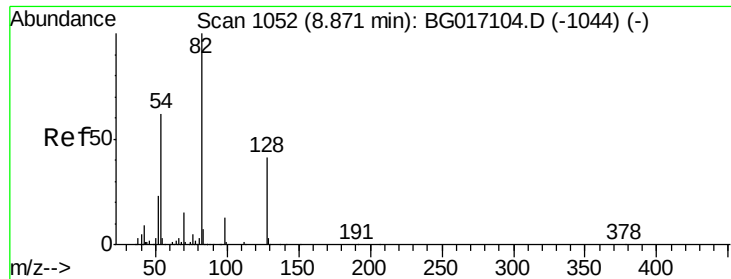
54 10.5 7.4 11.2

68 6.2 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

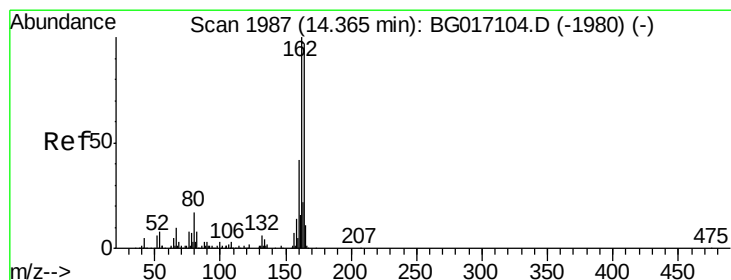
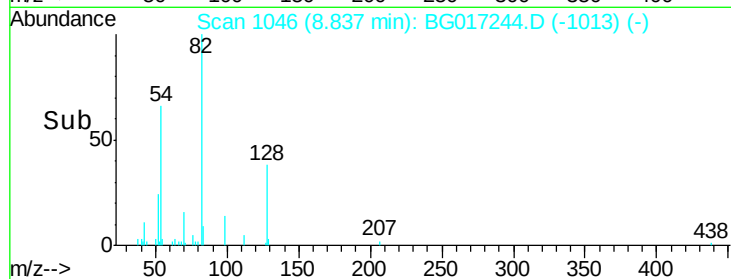
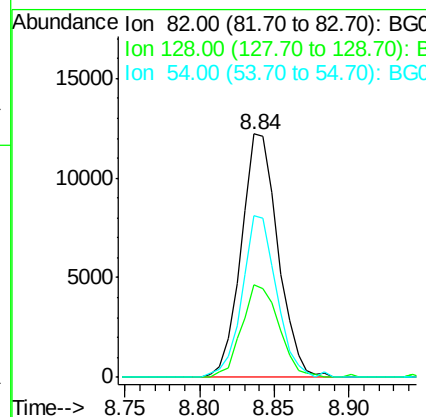
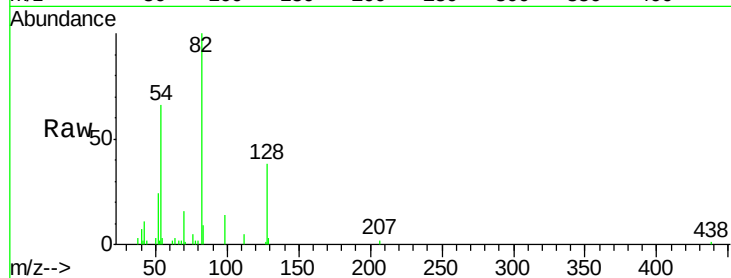




#23
 Nitrobenzene-d5
 Concen: 6.84 ng
 RT: 8.84 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG017244.D
 Acq: 22 May 2015 13:47

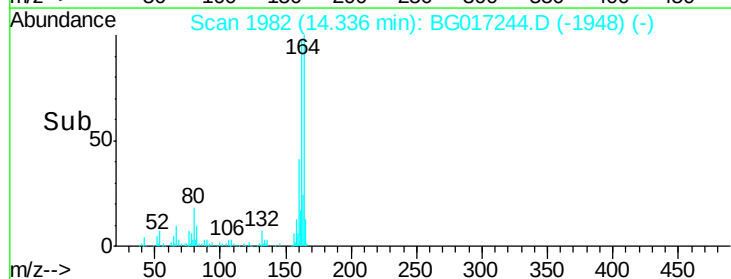
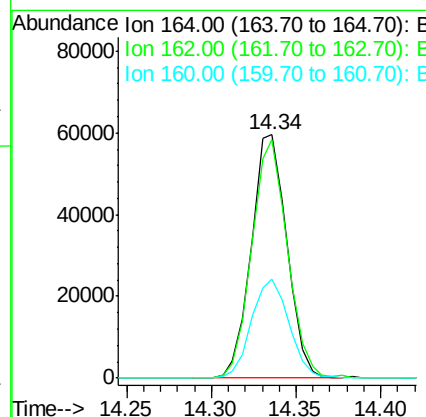
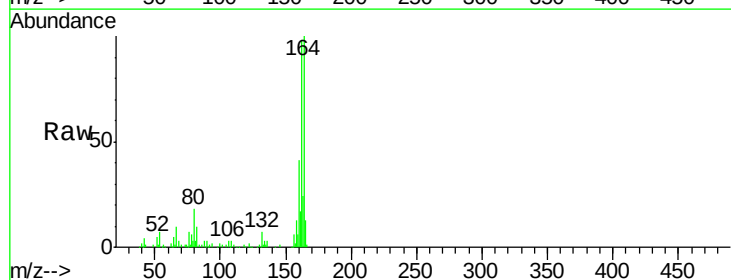
Instrument :
 BNA_G
 ClientSampleId :
 LF017MW003-150512

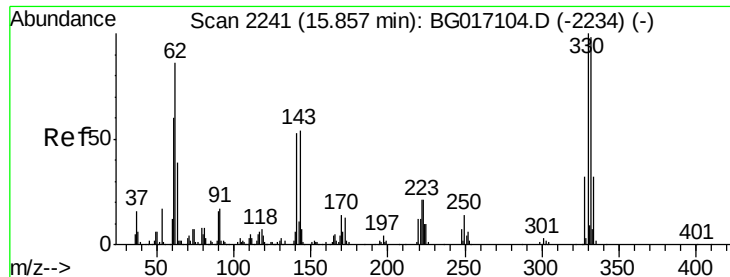
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	32.6	49.0
54	66.2	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG017244.D
 Acq: 22 May 2015 13:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.8	82.1	123.1
160	40.6	34.8	52.2

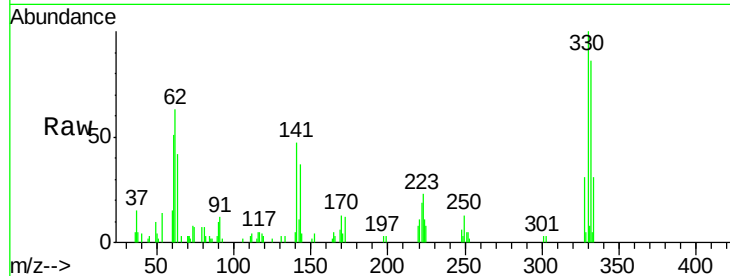




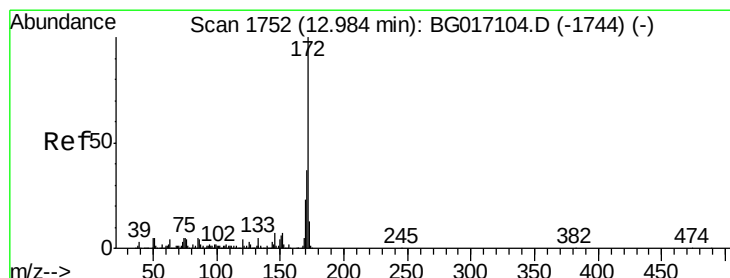
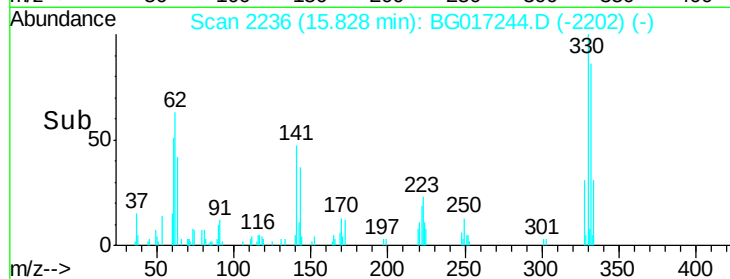
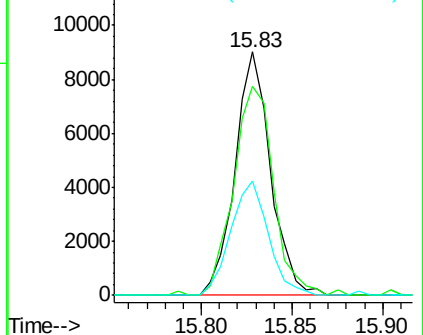
#41
 2,4,6-Tribromophenol
 Concen: 11.71 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG017244.D
 Acq: 22 May 2015 13:47

Instrument :
 BNA_G
 ClientSampleId :
 LF017MW003-150512

Tgt Ion: 330 Resp: 12353
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.9 115.3
 141 49.3 42.2 63.2

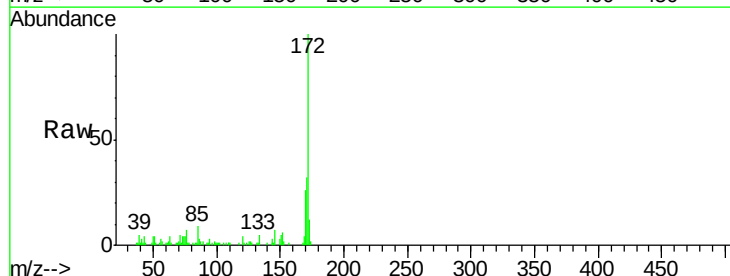


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

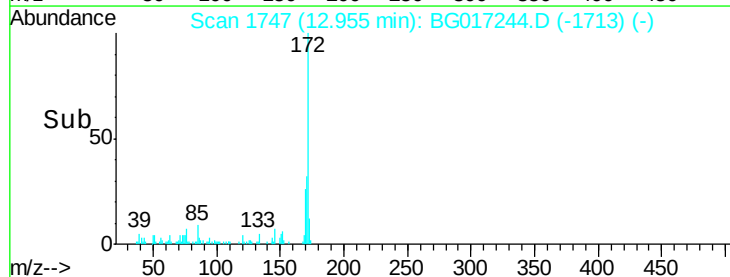
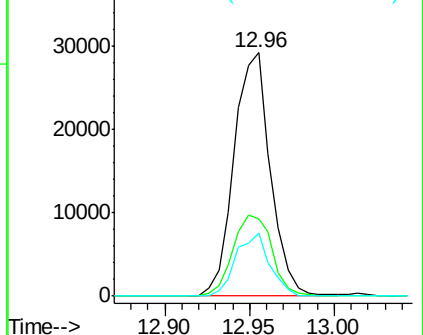


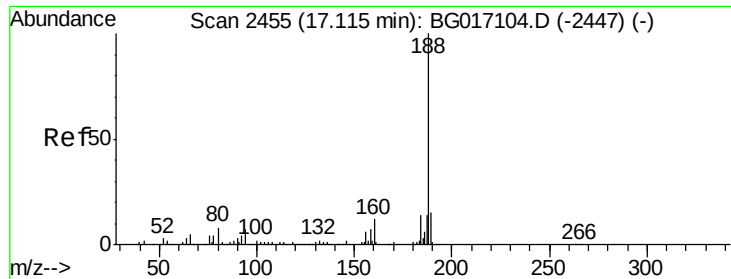
#44
 2-Fluorobiphenyl
 Concen: 7.34 ng
 RT: 12.96 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG017244.D
 Acq: 22 May 2015 13:47

Tgt Ion: 172 Resp: 43675
 Ion Ratio Lower Upper
 172 100
 171 31.6 29.7 44.5
 170 25.9 18.4 27.6



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: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG017244.D

Acq: 22 May 2015 13:47

Instrument :

BNA_G

ClientSampleId :

LF017MW003-150512

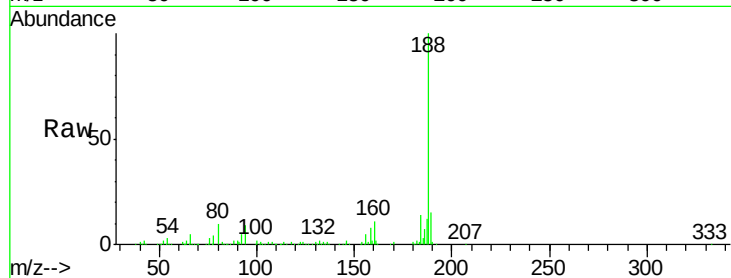
Tgt Ion:188 Resp: 190164

Ion Ratio Lower Upper

188 100

94 9.3 5.8 8.6#

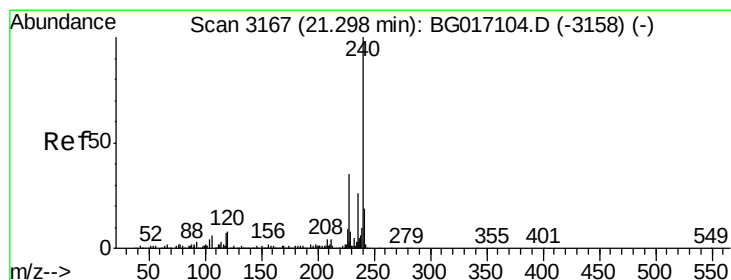
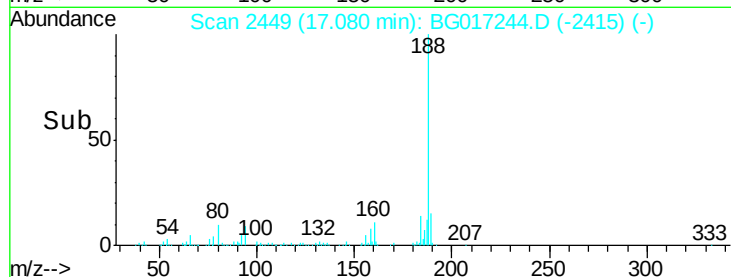
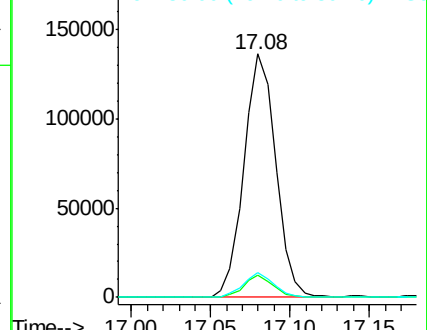
80 10.4 6.5 9.7#



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. -0.00 min

Lab File: BG017244.D

Acq: 22 May 2015 13:47

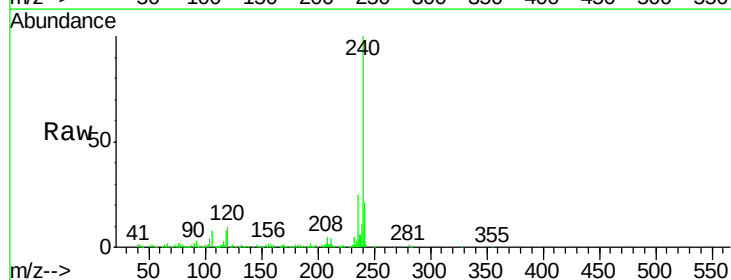
Tgt Ion:240 Resp: 219442

Ion Ratio Lower Upper

240 100

120 9.6 6.0 9.0#

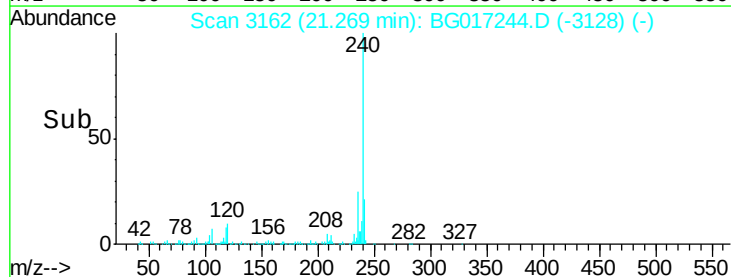
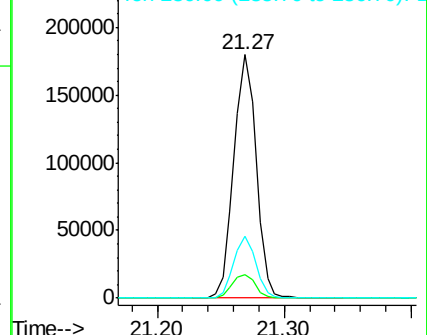
236 25.2 20.5 30.7

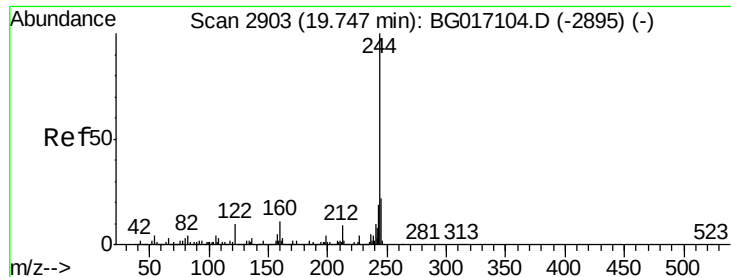


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 8.40 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG017244.D

Acq: 22 May 2015 13:47

Instrument :

BNA_G

ClientSampleId :

LF017MW003-150512

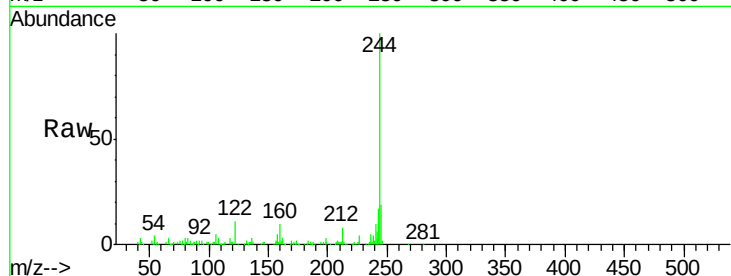
Tgt Ion:244 Resp: 88484

Ion Ratio Lower Upper

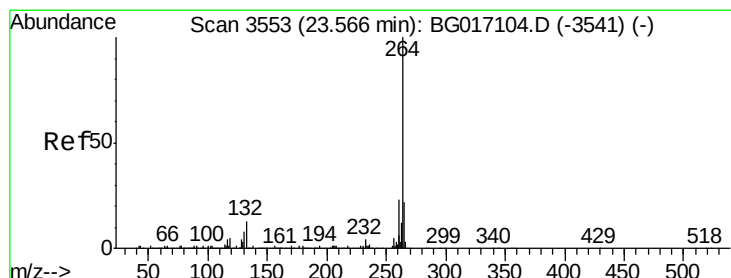
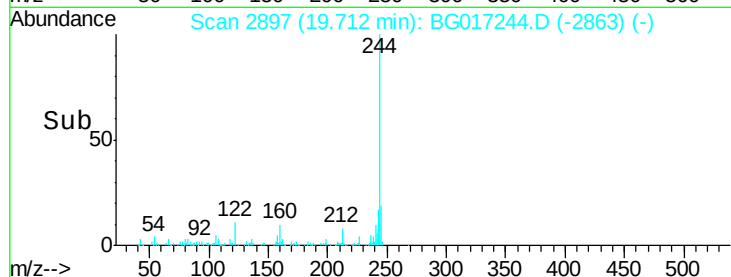
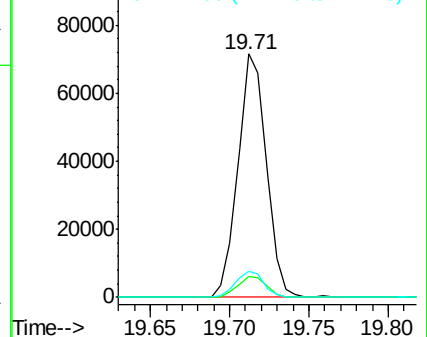
244 100

212 8.4 7.0 10.4

122 10.7 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: 23.53 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG017244.D

Acq: 22 May 2015 13:47

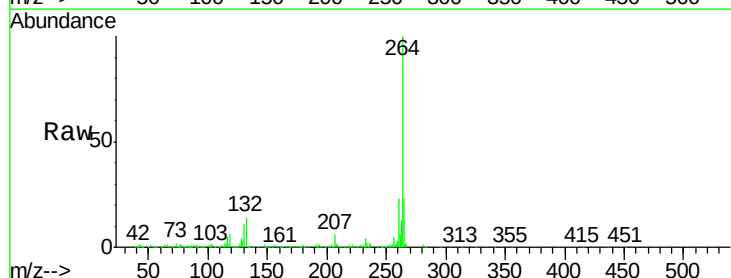
Tgt Ion:264 Resp: 217659

Ion Ratio Lower Upper

264 100

260 23.0 18.0 27.0

265 23.5 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

