

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017151.D
 Acq On : 14 May 2015 21:18
 Operator : TP/IZ
 Sample : G2177-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-24(3-5)

Quant Time: May 15 04:33:14 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

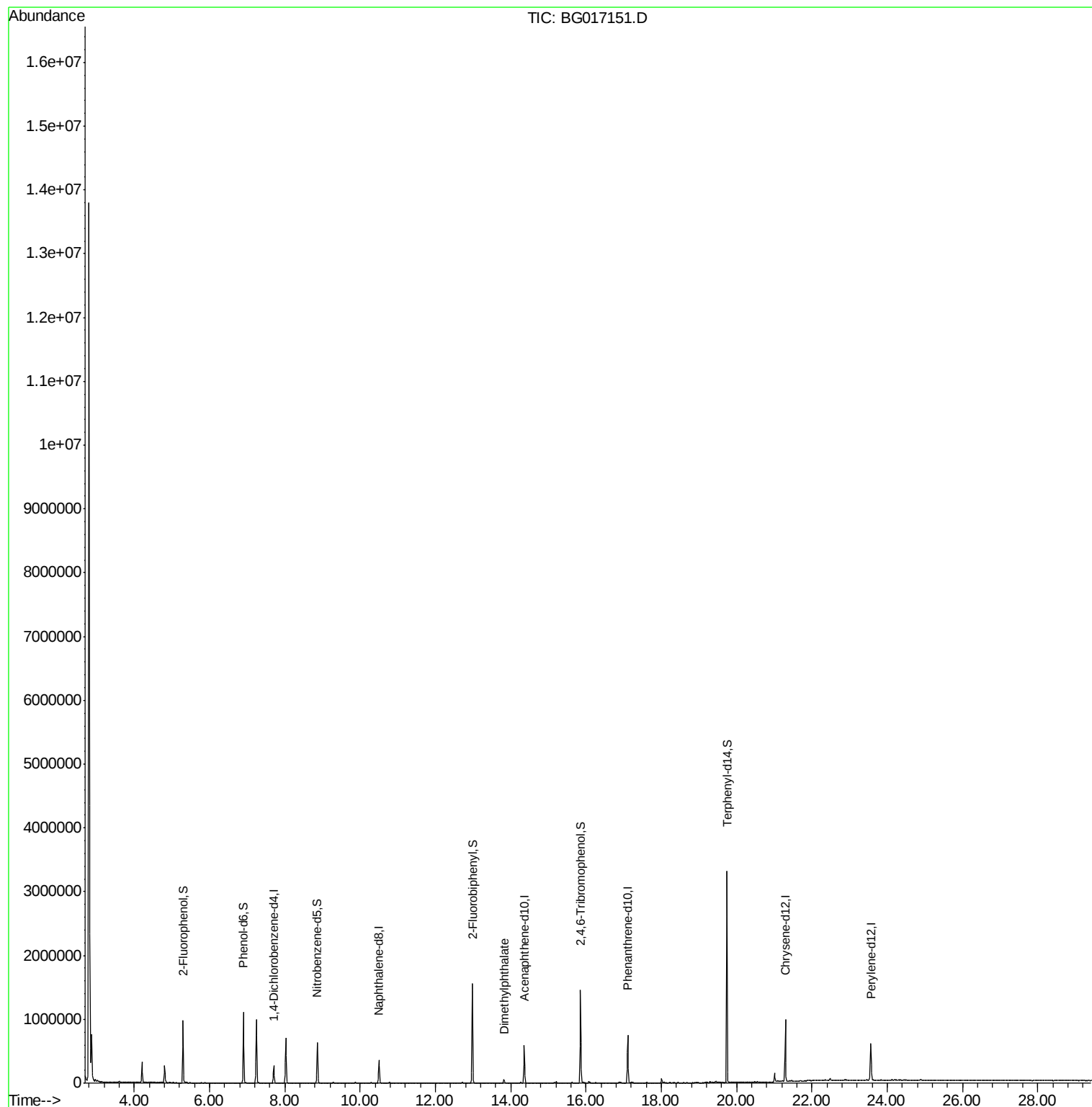
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	62188	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	261734	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	168915	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	397050	20.00	ng	0.00
75) Chrysene-d12	21.30	240	415373	20.00	ng	0.00
86) Perylene-d12	23.56	264	400930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	337117	96.18	ng	0.00
7) Phenol-d6	6.90	99	488600	99.33	ng	0.00
23) Nitrobenzene-d5	8.86	82	331946	59.21	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	195671	95.83	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	699994	60.81	ng	0.00
78) Terphenyl-d14	19.74	244	1200716	60.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.82	77	58	Below Cal	Qvalue # 6	
49) Dimethylphthalate	13.82	163	33605	2.54 ng	99	

(#) = 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: BG017151.D

Acq: 14 May 2015 21:18

Instrument :

BNA_G

ClientSampleId :

PS-24(3-5)

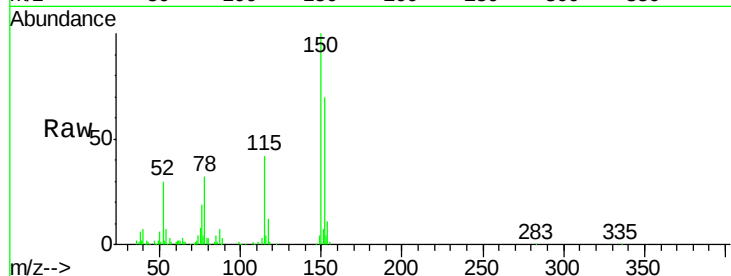
Tgt Ion:152 Resp: 62188

Ion Ratio Lower Upper

152 100

150 143.6 120.8 181.2

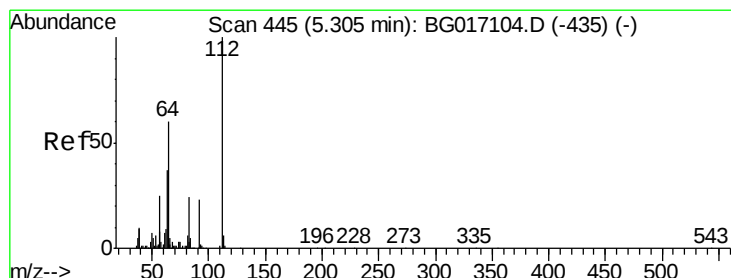
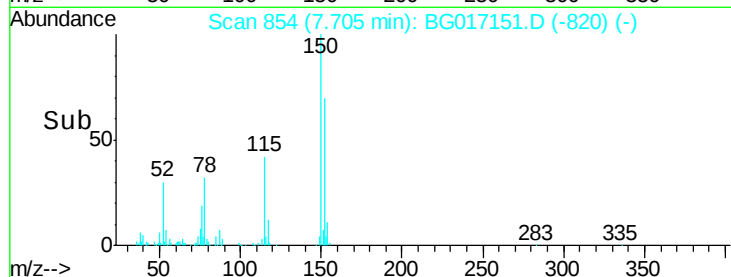
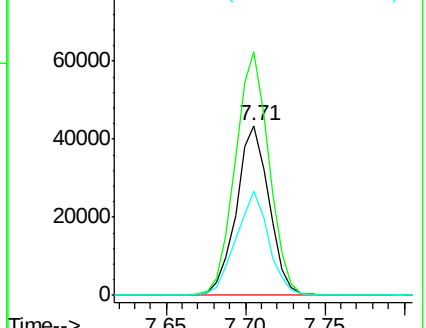
115 61.0 49.4 74.2



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: 96.18 ng

RT: 5.30 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG017151.D

Acq: 14 May 2015 21:18

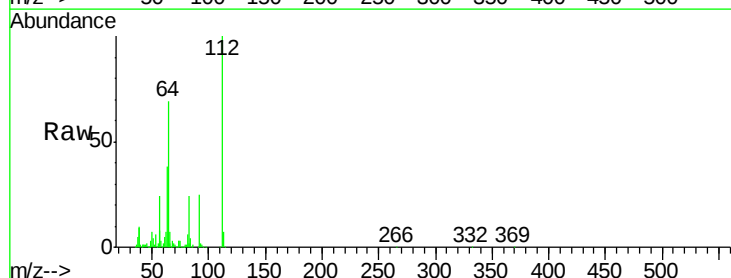
Tgt Ion:112 Resp: 337117

Ion Ratio Lower Upper

112 100

64 68.8 48.1 72.1

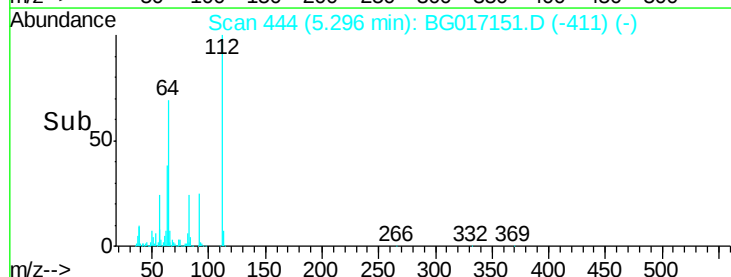
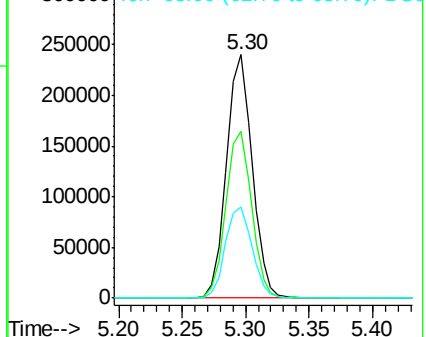
63 37.7 29.8 44.8

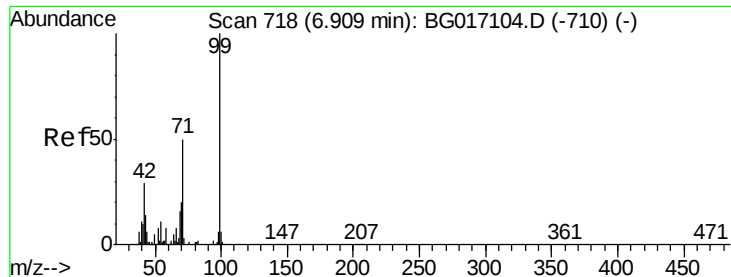


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 99.33 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG017151.D

Acq: 14 May 2015 21:18

Instrument :

BNA_G

ClientSampleId :

PS-24(3-5)

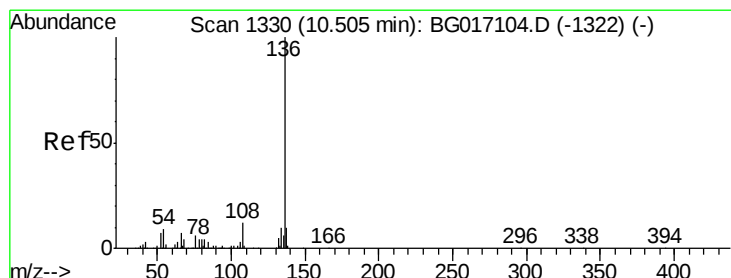
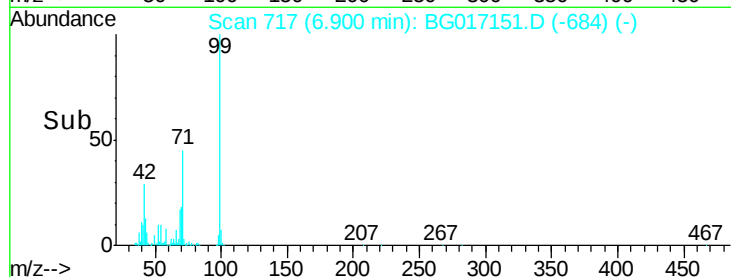
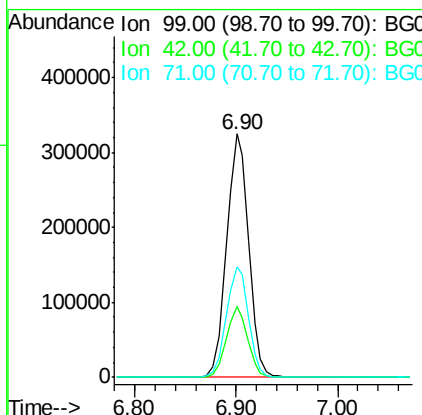
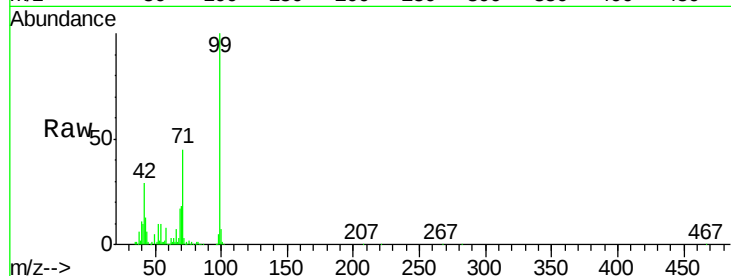
Tgt Ion: 99 Resp: 488600

Ion Ratio Lower Upper

99 100

42 29.2 23.5 35.3

71 45.4 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG017151.D

Acq: 14 May 2015 21:18

Tgt Ion: 136 Resp: 261734

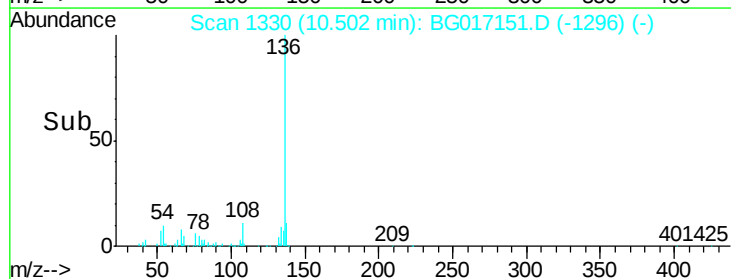
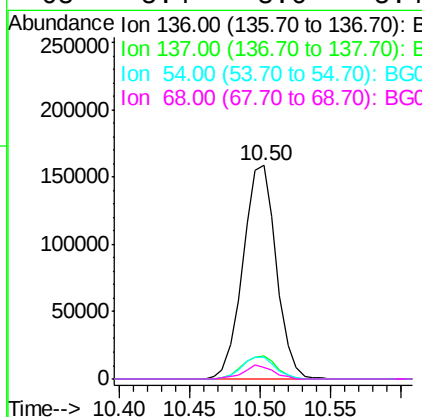
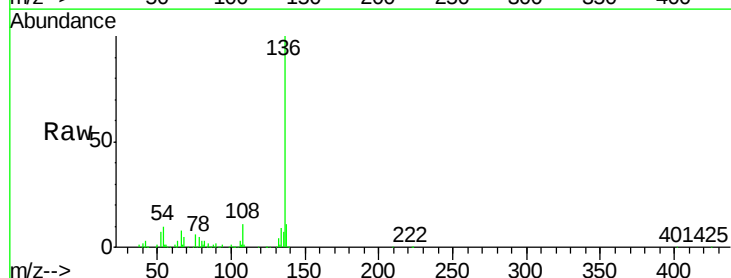
Ion Ratio Lower Upper

136 100

137 10.9 8.3 12.5

54 10.2 7.4 11.2

68 5.4 3.6 5.4#

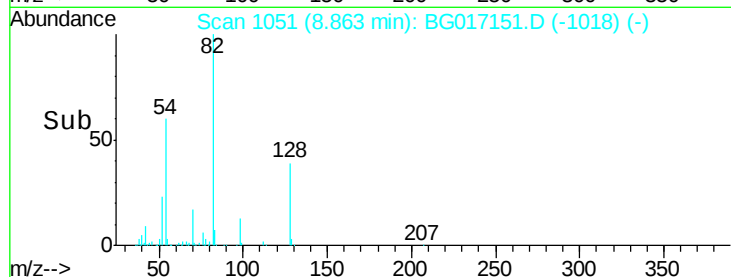
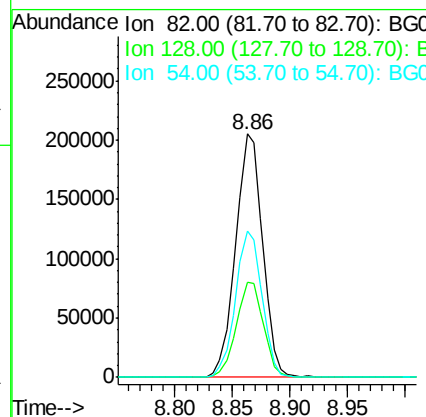
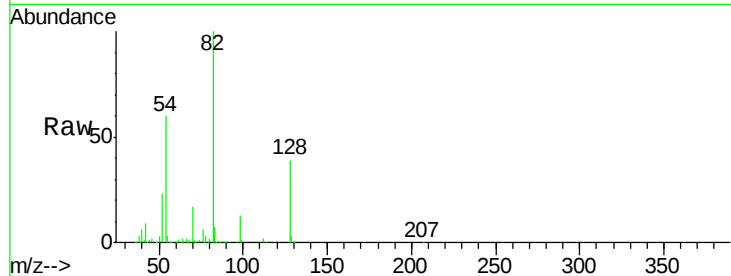




#23
 Nitrobenzene-d5
 Concen: 59.21 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017151.D
 Acq: 14 May 2015 21:18

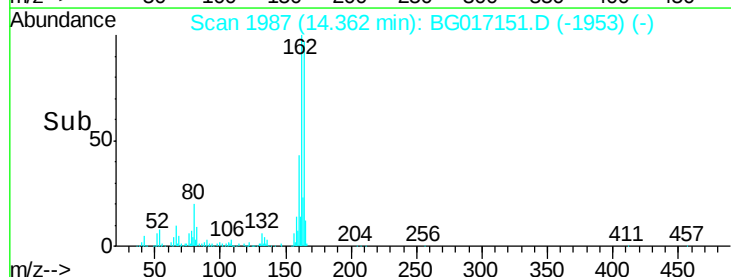
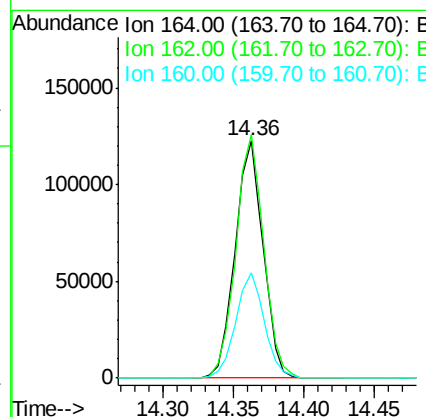
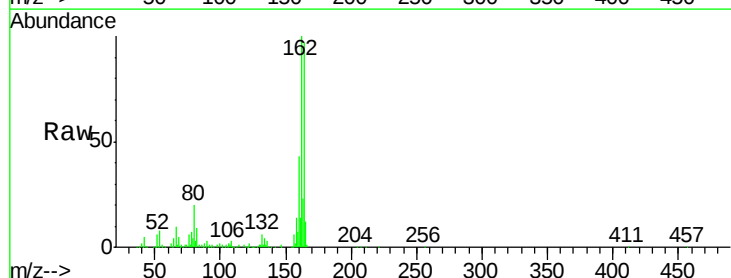
Instrument :
 BNA_G
 ClientSampleId :
 PS-24(3-5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.6	49.0
54	59.9	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017151.D
 Acq: 14 May 2015 21:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	44.3	34.8	52.2

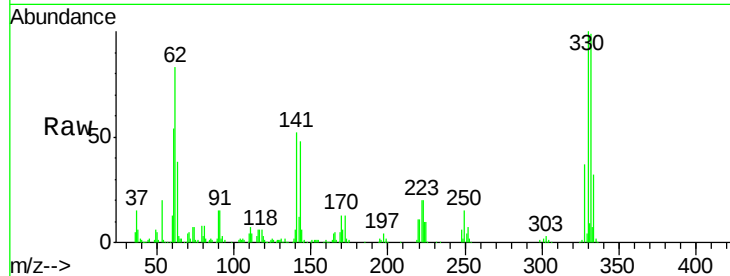




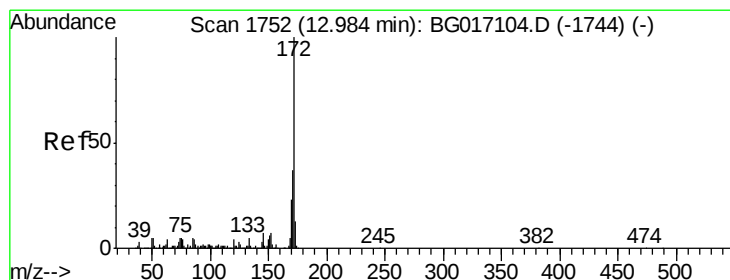
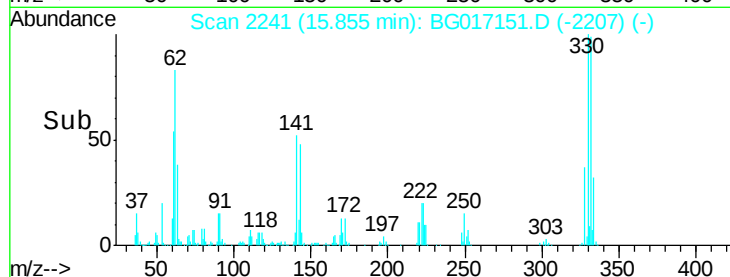
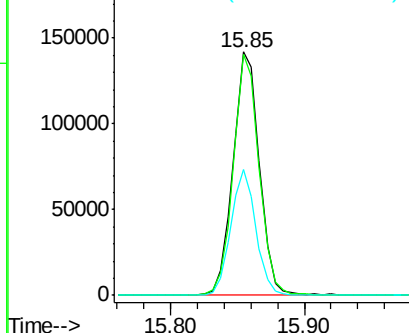
#41
 2,4,6-Tribromophenol
 Concen: 95.83 ng
 RT: 15.85 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017151.D
 Acq: 14 May 2015 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PS-24(3-5)

Tgt Ion: 330 Resp: 195671
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 49.3 42.2 63.2

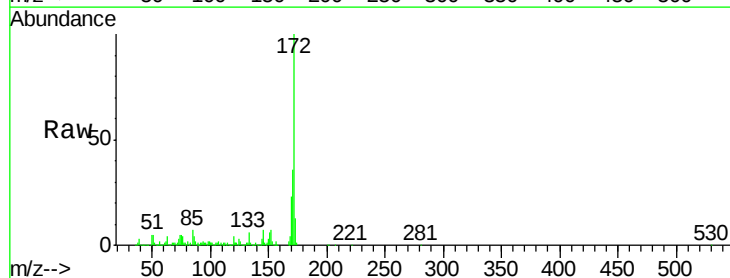


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

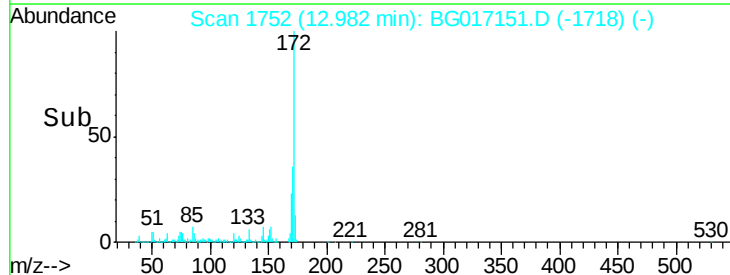
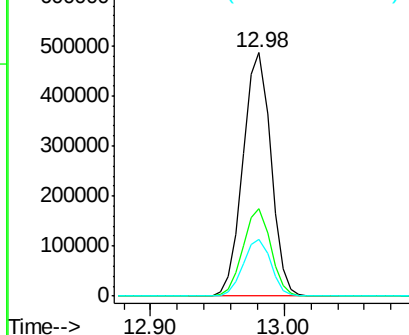


#44
 2-Fluorobiphenyl
 Concen: 60.81 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017151.D
 Acq: 14 May 2015 21:18

Tgt Ion: 172 Resp: 699994
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.4 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





#49

Dimethylphthalate

Concen: 2.54 ng

RT: 13.82 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BG017151.D

Acq: 14 May 2015 21:18

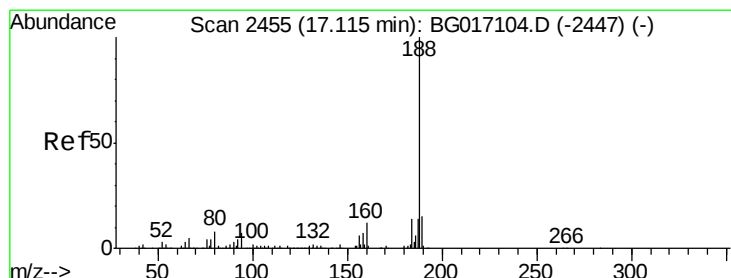
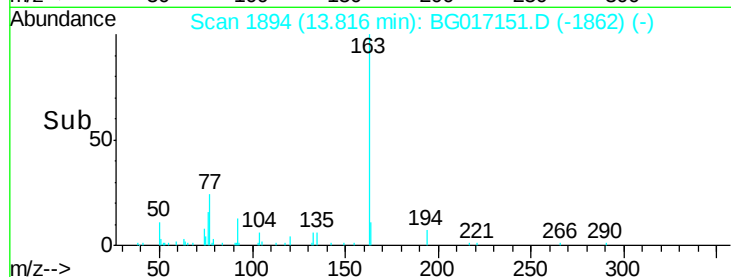
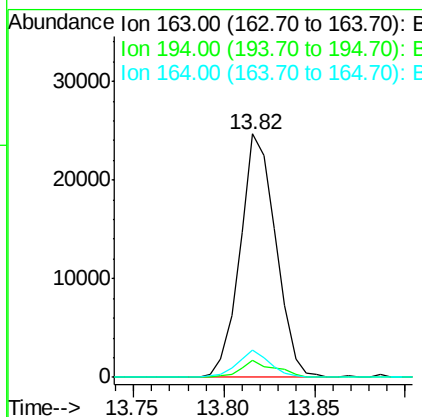
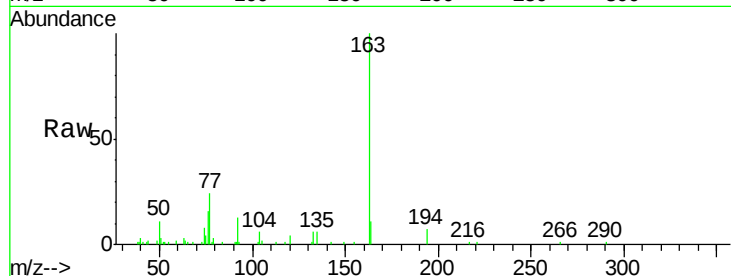
Instrument :

BNA_G

ClientSampleId :

PS-24(3-5)

Tgt Ion:	163	Resp:	33605
Ion	Ratio	Lower	Upper
163	100		
194	7.1	5.6	8.4
164	11.0	8.6	13.0



#63

Phenanthrene-d10

Concen: 20.00 ng

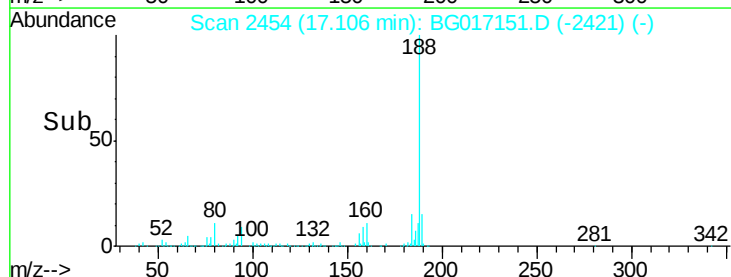
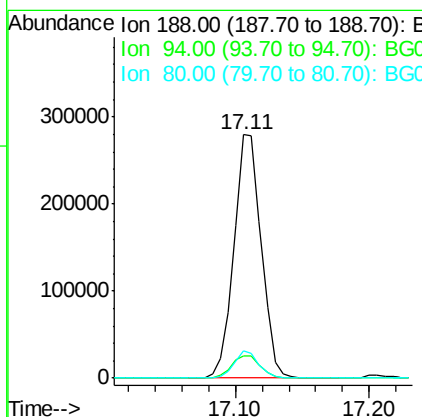
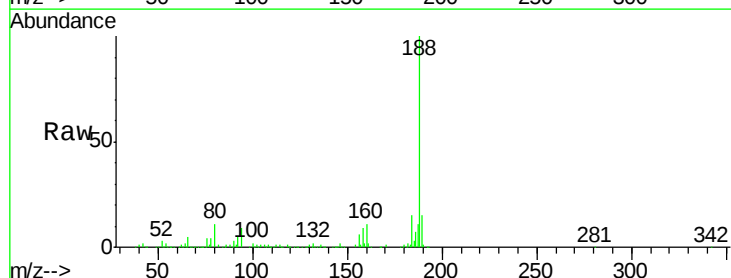
RT: 17.11 min Scan# 2454

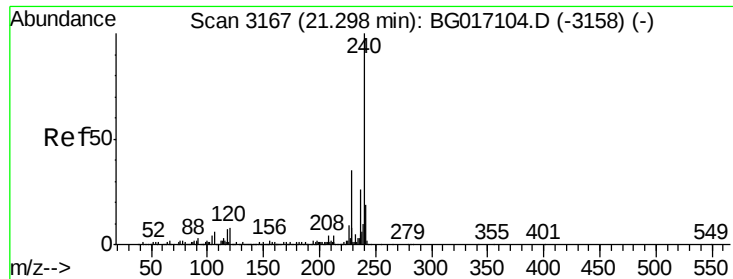
Delta R.T. -0.01 min

Lab File: BG017151.D

Acq: 14 May 2015 21:18

Tgt Ion:	188	Resp:	397050
Ion	Ratio	Lower	Upper
188	100		
94	8.9	5.8	8.6#
80	11.3	6.5	9.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG017151.D

Acq: 14 May 2015 21:18

Instrument :

BNA_G

ClientSampleId :

PS-24(3-5)

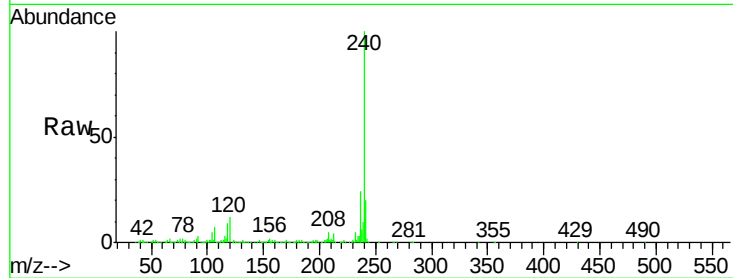
Tgt Ion:240 Resp: 415373

Ion Ratio Lower Upper

240 100

120 12.1 6.0 9.0#

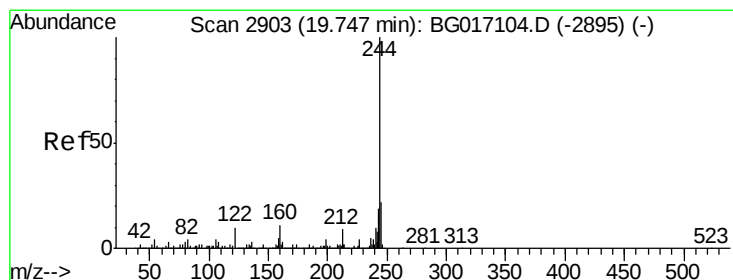
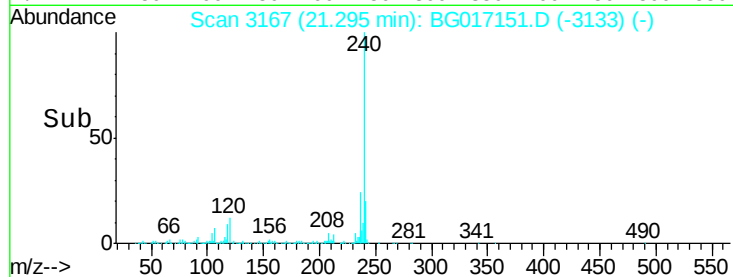
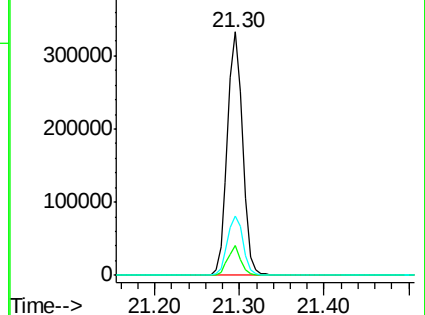
236 24.4 20.5 30.7



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: 60.24 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017151.D

Acq: 14 May 2015 21:18

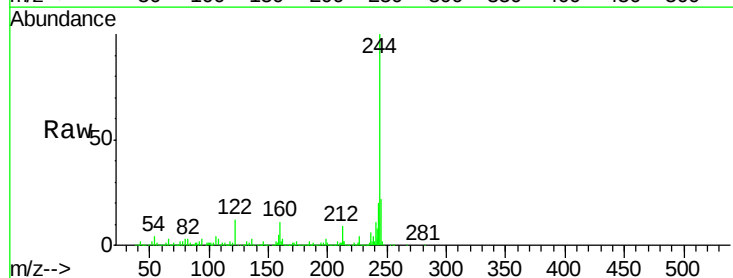
Tgt Ion:244 Resp: 1200716

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

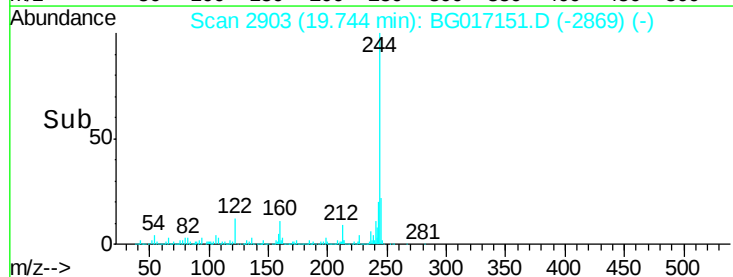
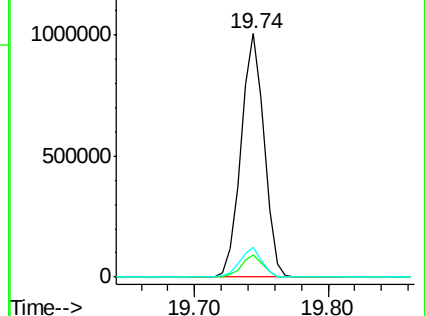
122 12.3 8.4 12.6

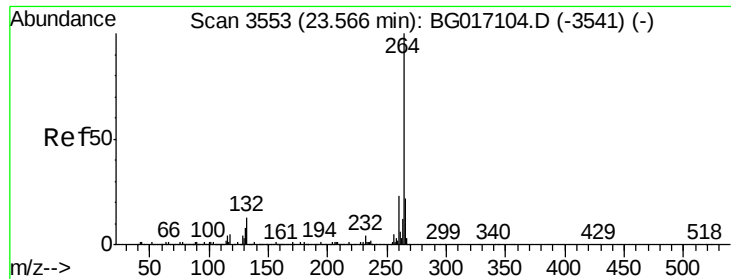


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.56 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG017151.D
Acq: 14 May 2015 21:18

Instrument :
BNA_G
ClientSampleId :
PS-24(3-5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.0	27.0
265	21.3	17.4	26.0

