

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051415\
 Data File : BG017168.D
 Acq On : 15 May 2015 8:59
 Operator : TP/IZ
 Sample : G2177-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-19(15-20)

Quant Time: May 15 11:12:22 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

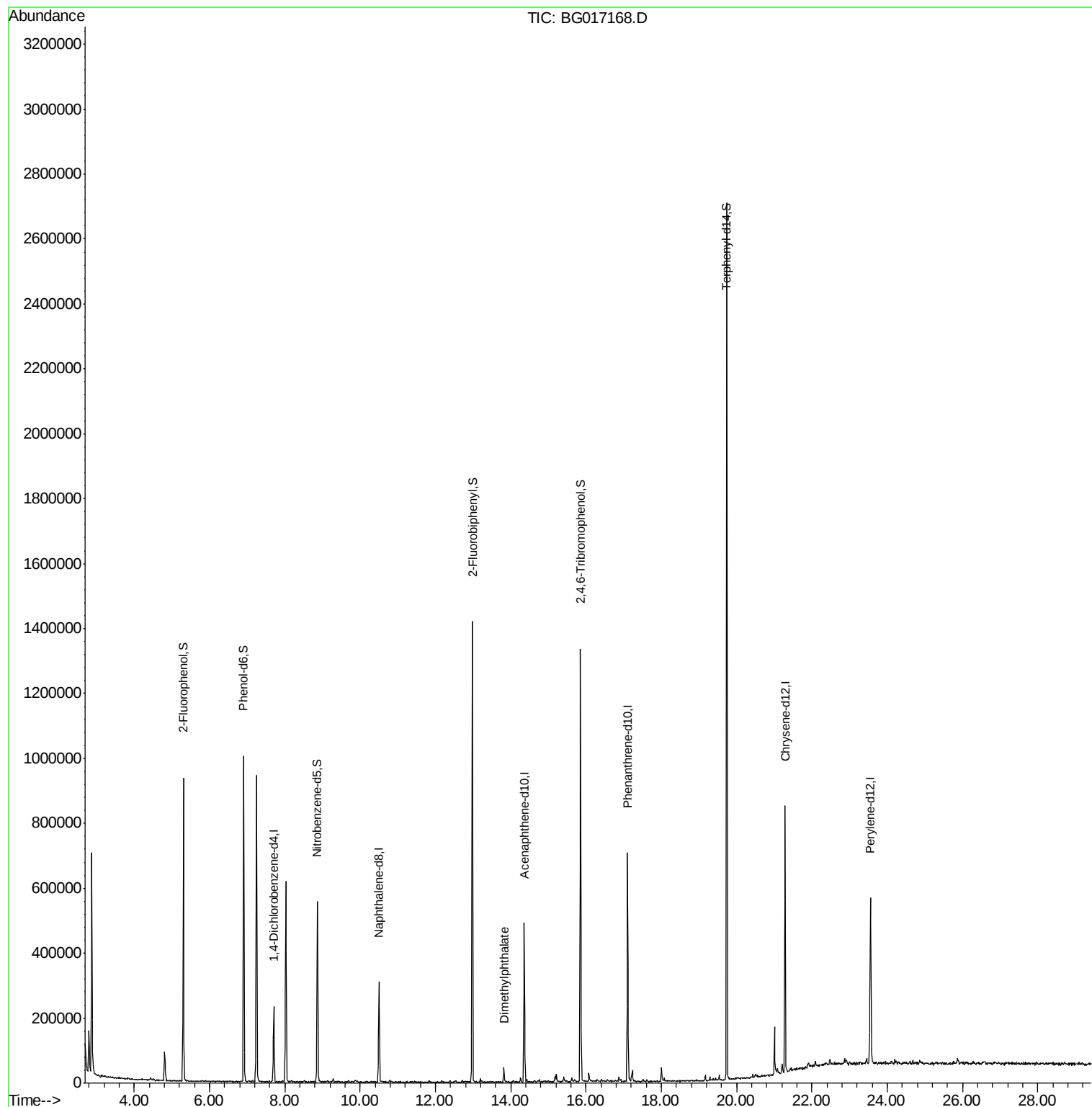
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	51475	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	225285	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	152010	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	353949	20.00	ng	0.00
75) Chrysene-d12	21.29	240	341756	20.00	ng	0.00
86) Perylene-d12	23.56	264	338035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	315445	108.73	ng	0.00
7) Phenol-d6	6.91	99	445431	109.40	ng	0.00
23) Nitrobenzene-d5	8.86	82	289047	59.90	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	179585	97.73	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	627451	60.57	ng	0.00
78) Terphenyl-d14	19.74	244	1001707	61.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.85	77	192	Below Cal	#	77
49) Dimethylphthalate	13.82	163	24224	2.04 ng	#	97

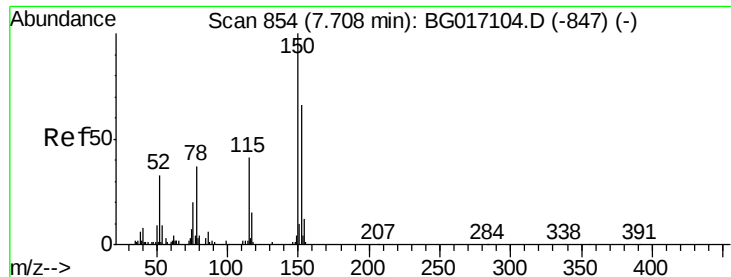
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017168.D

Acq: 15 May 2015 8:59

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BNA_G

ClientSampleId :

PS-19(15-20)

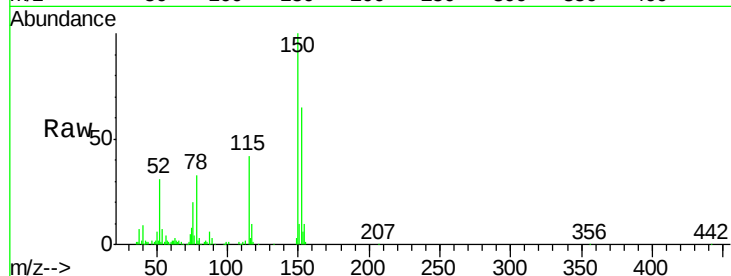
Tgt Ion:152 Resp: 51475

Ion Ratio Lower Upper

152 100

150 154.2 120.8 181.2

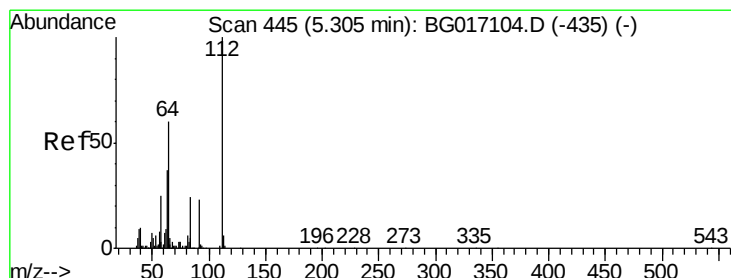
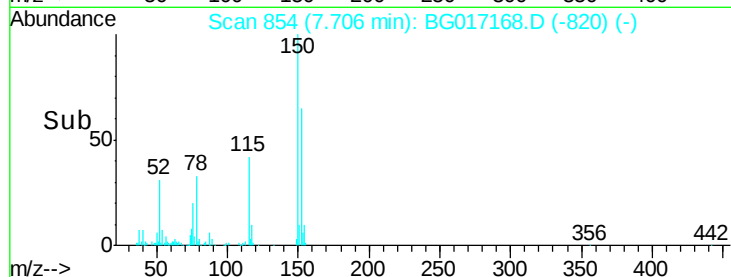
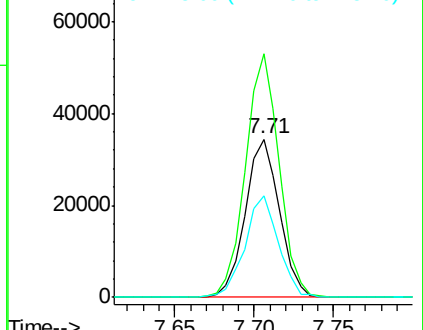
115 64.2 49.4 74.2



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: 108.73 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017168.D

Acq: 15 May 2015 8:59

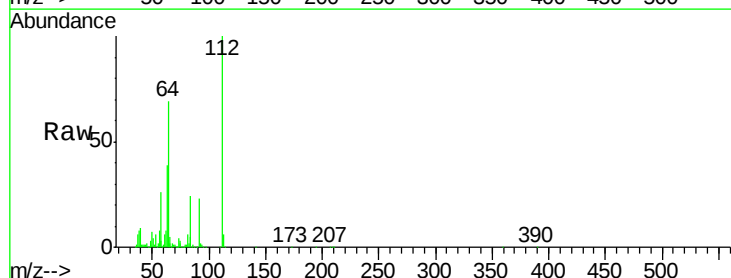
Tgt Ion:112 Resp: 315445

Ion Ratio Lower Upper

112 100

64 68.7 48.1 72.1

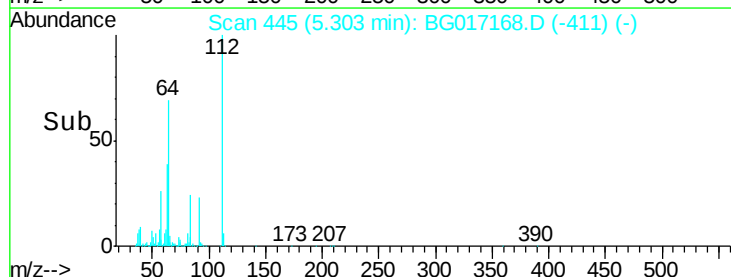
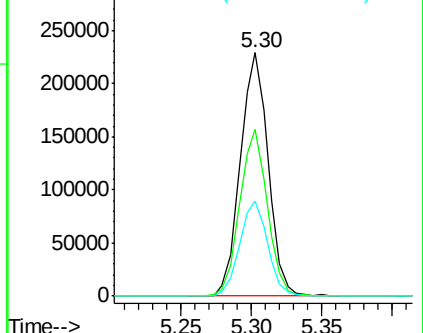
63 39.3 29.8 44.8

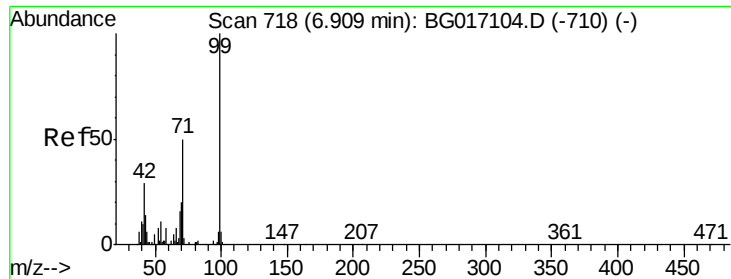


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.40 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017168.D

Acq: 15 May 2015 8:59

Instrument :

BNA_G

ClientSampleId :

PS-19(15-20)

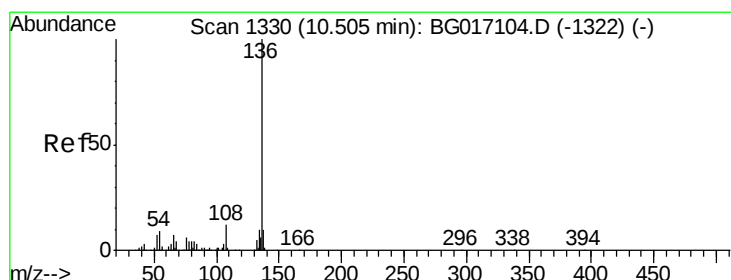
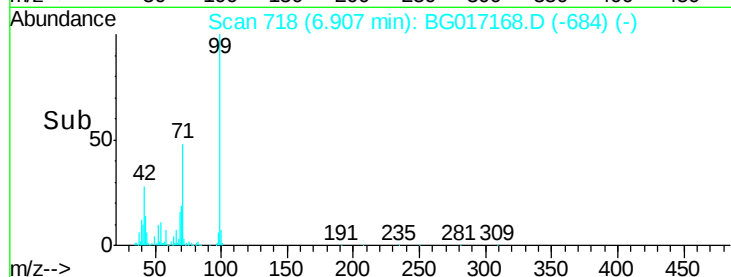
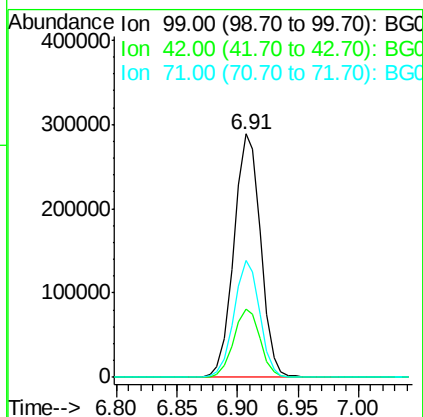
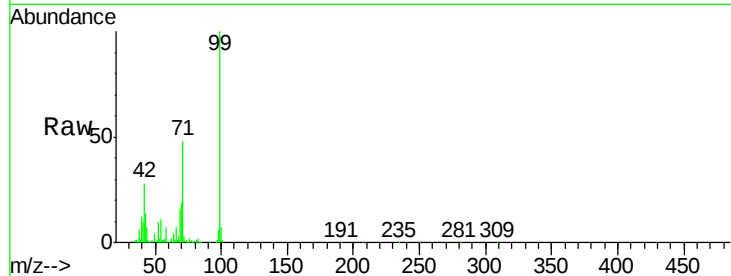
Tgt Ion: 99 Resp: 445431

Ion Ratio Lower Upper

99 100

42 28.1 23.5 35.3

71 47.8 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: BG017168.D

Acq: 15 May 2015 8:59

Tgt Ion: 136 Resp: 225285

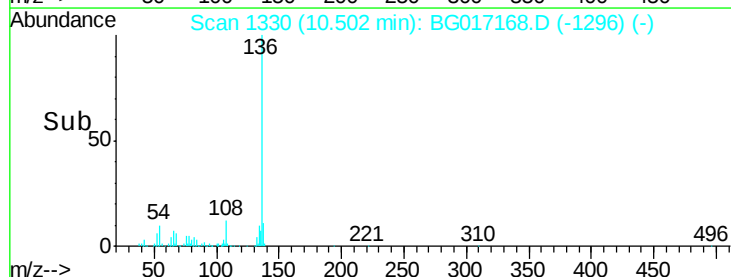
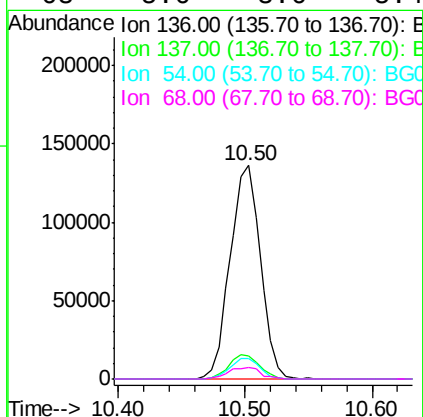
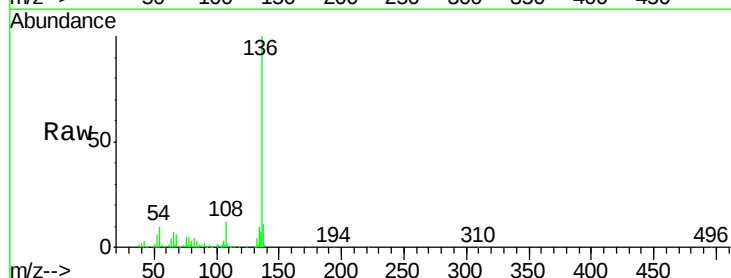
Ion Ratio Lower Upper

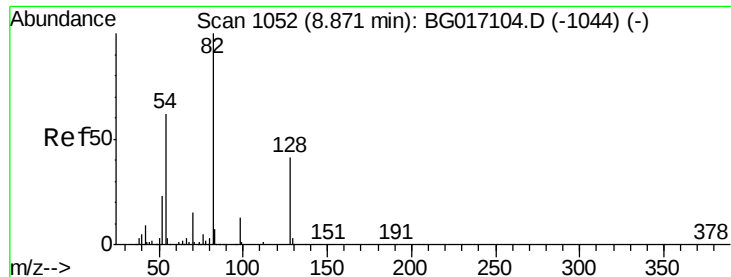
136 100

137 10.6 8.3 12.5

54 9.6 7.4 11.2

68 5.6 3.6 5.4#

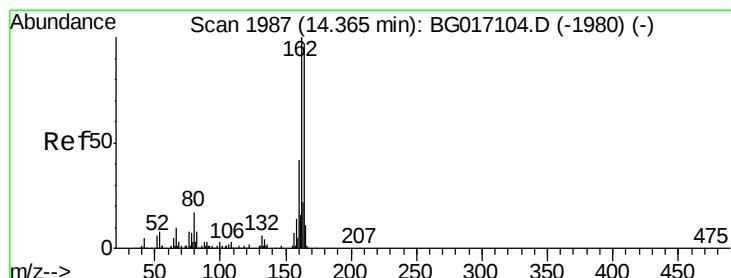
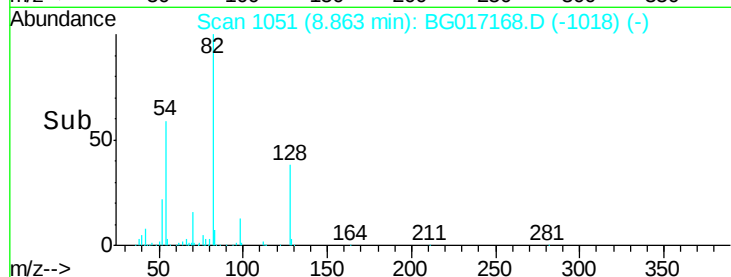
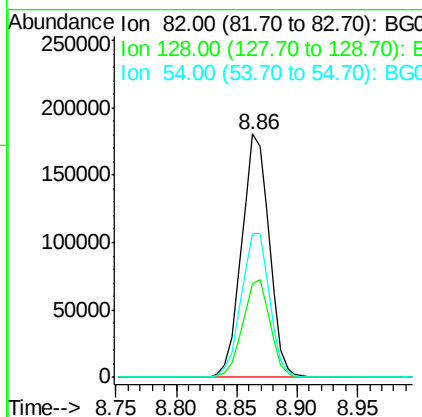
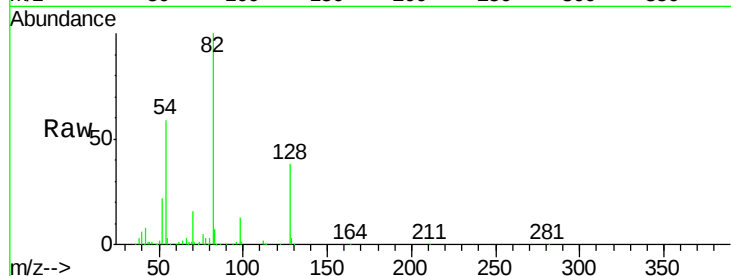




#23
 Nitrobenzene-d5
 Concen: 59.90 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017168.D
 Acq: 15 May 2015 8:59

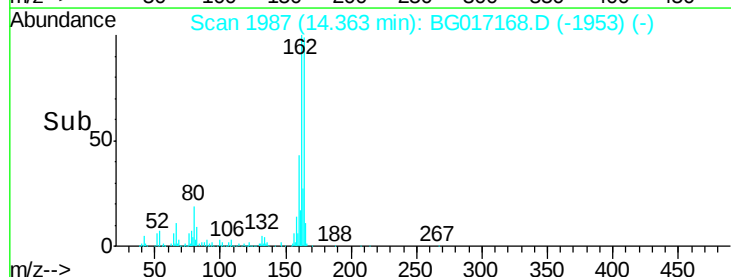
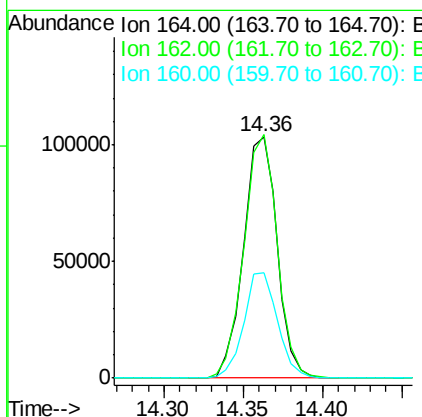
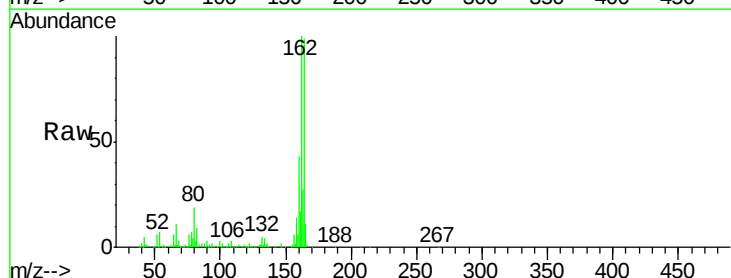
Instrument :
 BNA_G
 ClientSampleId :
 PS-19(15-20)

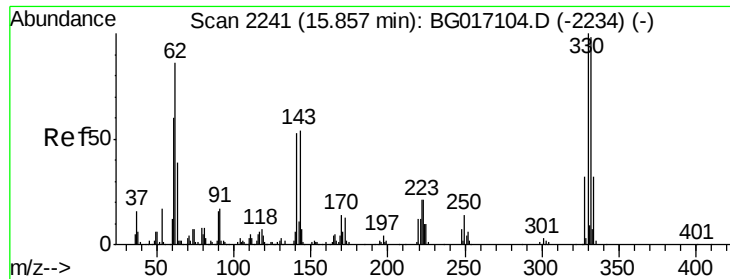
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.5	32.6	49.0
54	59.1	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017168.D
 Acq: 15 May 2015 8:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.1	123.1
160	43.5	34.8	52.2

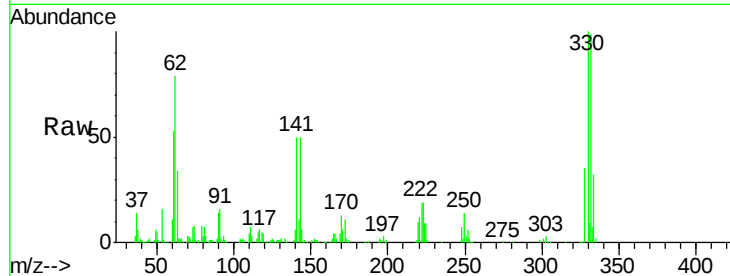




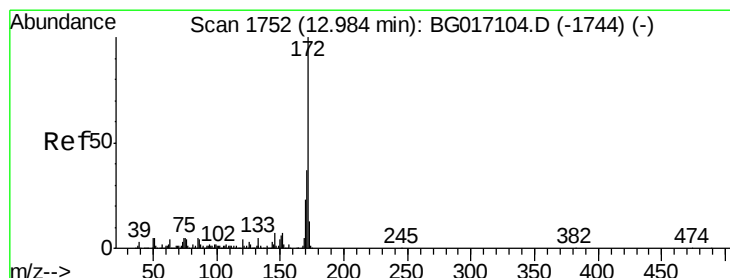
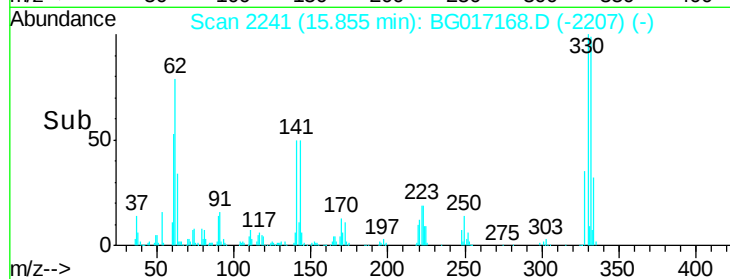
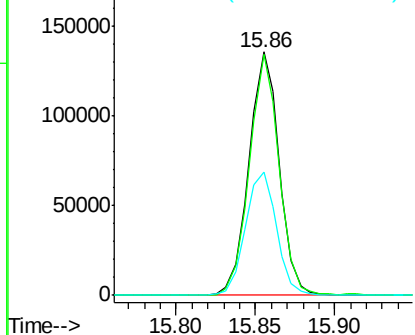
#41
 2,4,6-Tribromophenol
 Concen: 97.73 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017168.D
 Acq: 15 May 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :
 PS-19(15-20)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	51.9	42.2	63.2

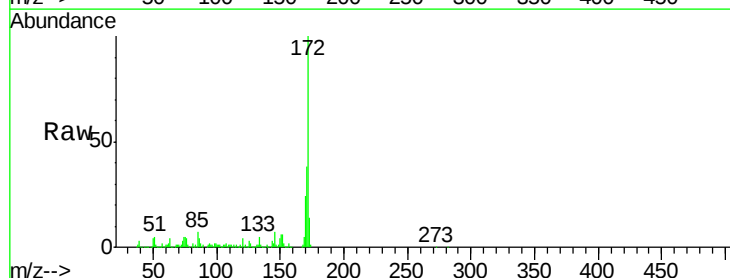


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

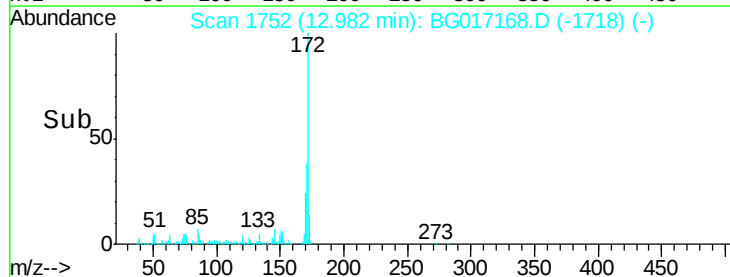
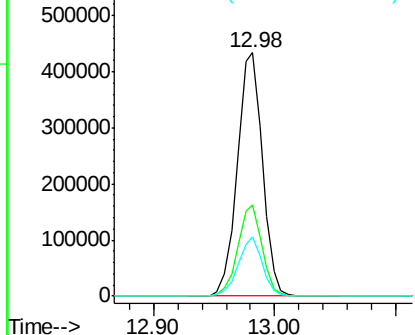


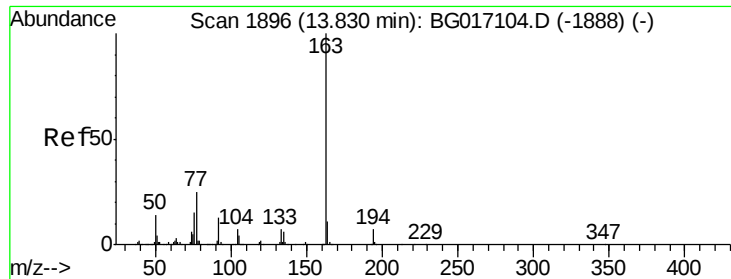
#44
 2-Fluorobiphenyl
 Concen: 60.57 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017168.D
 Acq: 15 May 2015 8:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	24.2	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: 2.04 ng

RT: 13.82 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BG017168.D

Acq: 15 May 2015 8:59

Instrument :

BNA_G

ClientSampleId :

PS-19(15-20)

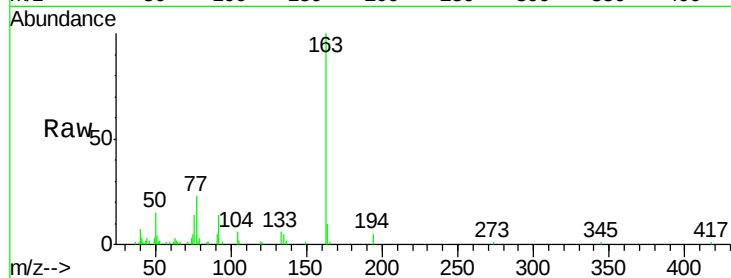
Tgt Ion:163 Resp: 24224

Ion Ratio Lower Upper

163 100

194 5.1 5.6 8.4#

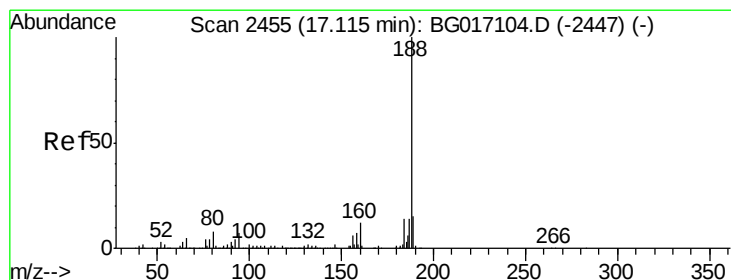
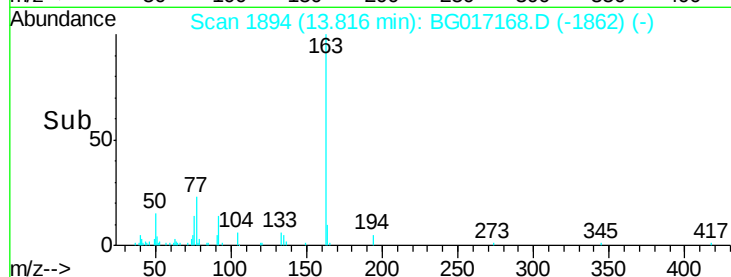
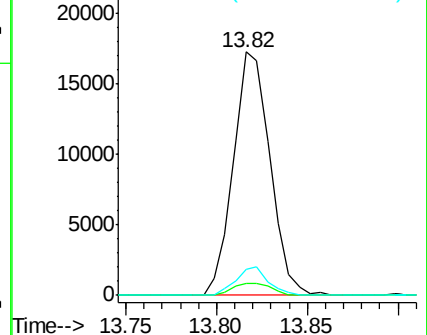
164 10.5 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG017168.D

Acq: 15 May 2015 8:59

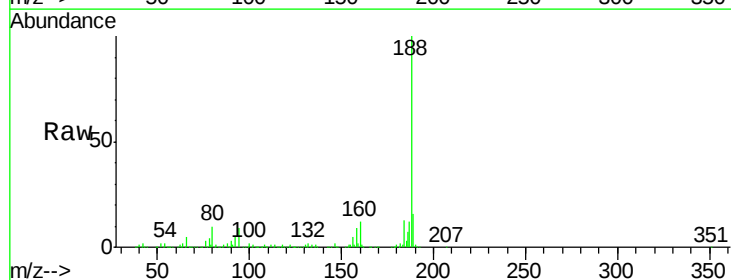
Tgt Ion:188 Resp: 353949

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.6#

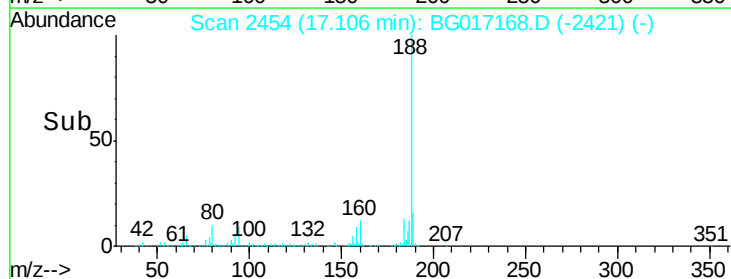
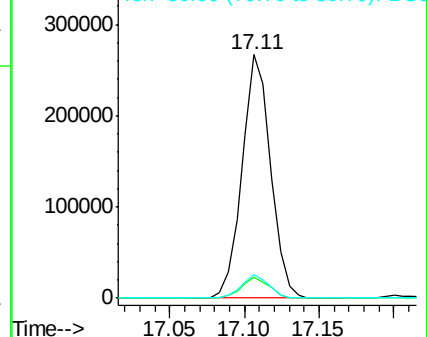
80 9.7 6.5 9.7#

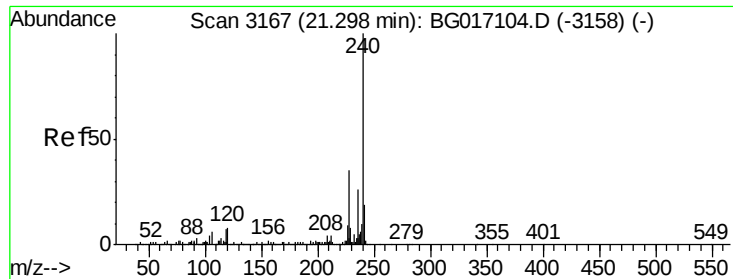


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG017168.D

Acq: 15 May 2015 8:59

Instrument :

BNA_G

ClientSampleId :

PS-19(15-20)

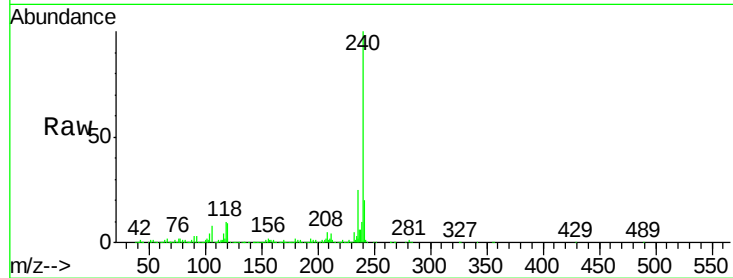
Tgt Ion:240 Resp: 341756

Ion Ratio Lower Upper

240 100

120 9.3 6.0 9.0#

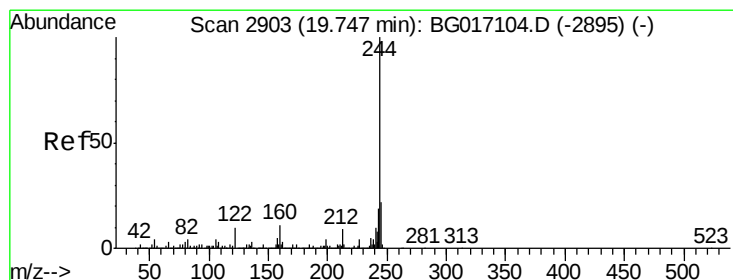
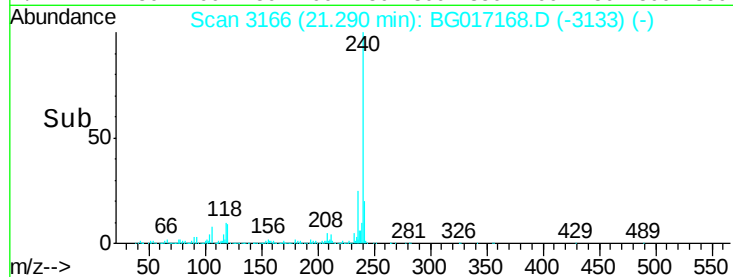
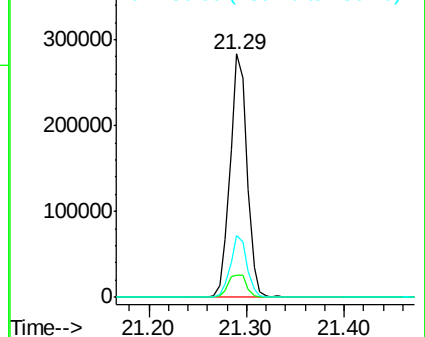
236 25.2 20.5 30.7



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: 61.08 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG017168.D

Acq: 15 May 2015 8:59

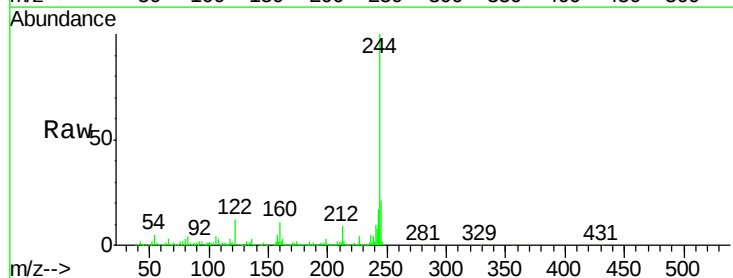
Tgt Ion:244 Resp: 1001707

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

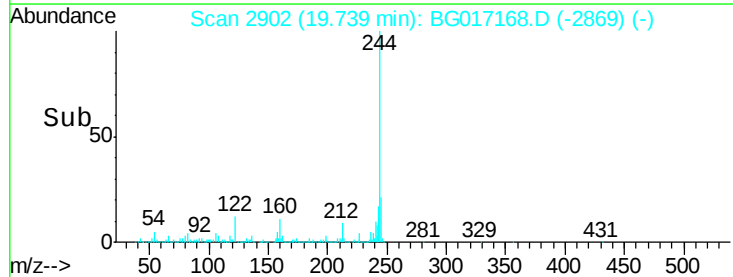
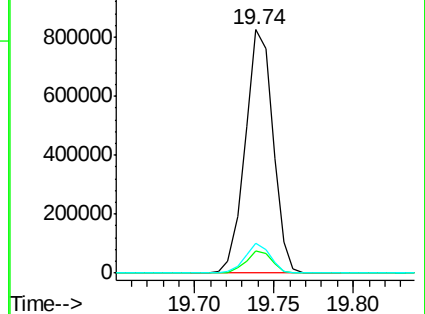
122 12.1 8.4 12.6

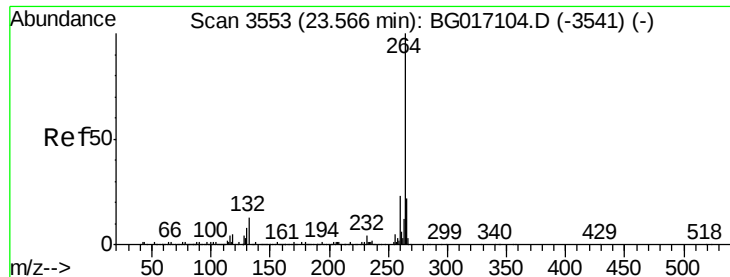


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min

Lab File: BG017168.D

Acq: 15 May 2015 8:59

Instrument :

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PS-19(15-20)

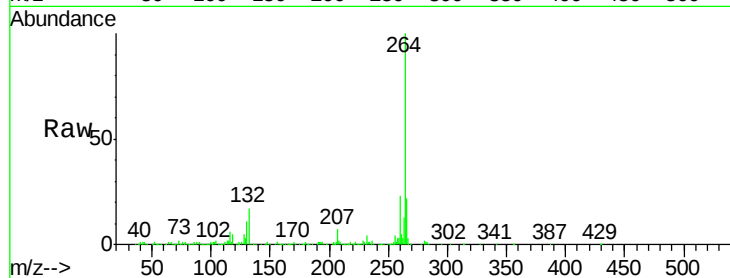
Tgt Ion: 264 Resp: 338035

Ion Ratio Lower Upper

264 100

260 23.1 18.0 27.0

265 22.4 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

