

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
 Data File : BG017190.D
 Acq On : 16 May 2015 00:53
 Operator : TP/IZ
 Sample : G2259-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WASTE-1

Quant Time: May 16 01:42:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 00:58:53 2015
 Response via : Initial Calibration

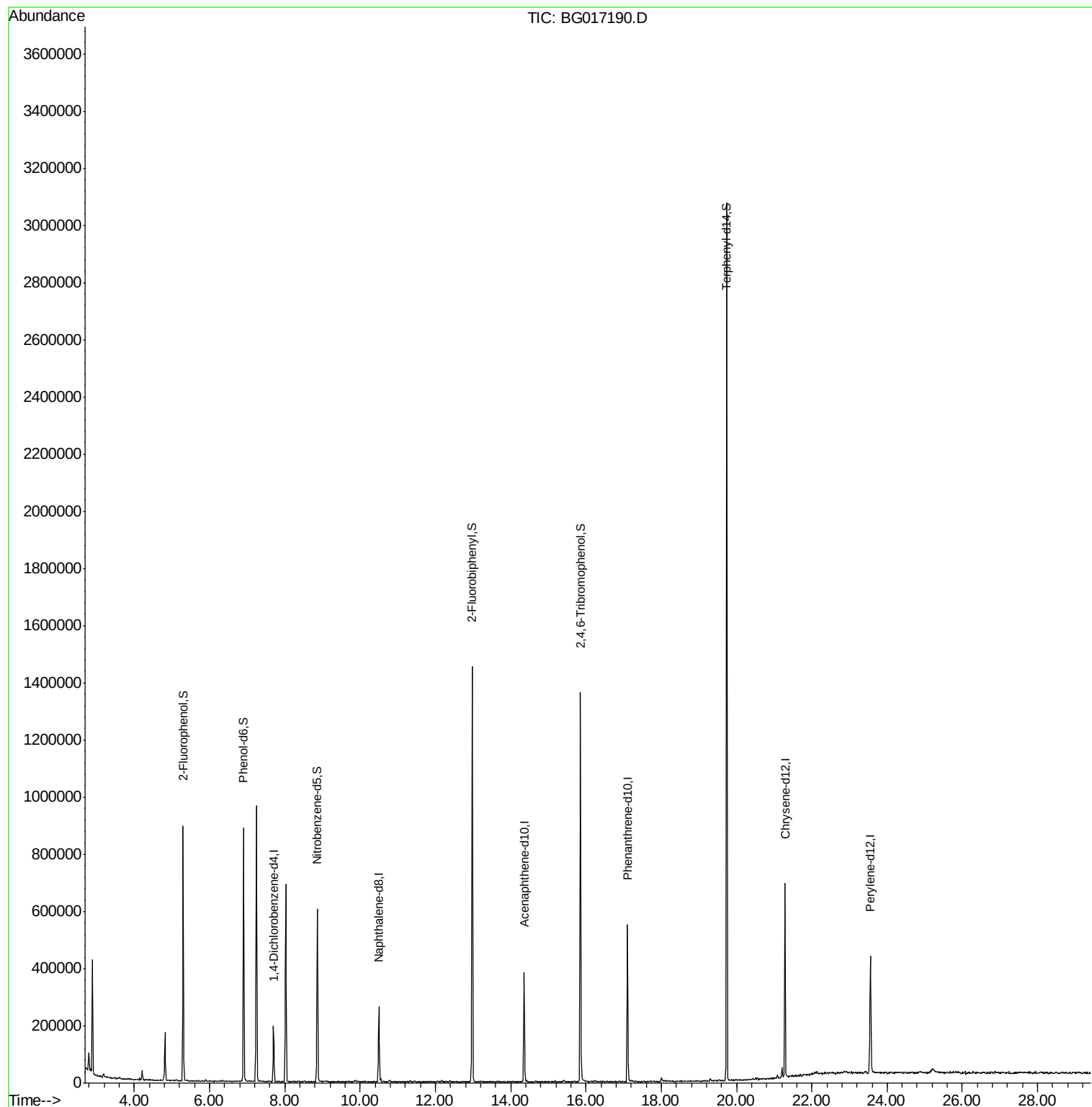
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	44123	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	189825	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	126185	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	295799	20.00	ng	0.00
75) Chrysene-d12	21.29	240	290257	20.00	ng	0.00
86) Perylene-d12	23.56	264	285265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	302850	121.78	ng	0.00
7) Phenol-d6	6.91	99	385013	110.32	ng	0.00
23) Nitrobenzene-d5	8.86	82	307543	75.64	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	192961	126.50	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	656863	76.38	ng	0.00
78) Terphenyl-d14	19.74	244	1087259	78.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.84	77	234	Below Cal	Qvalue #	71

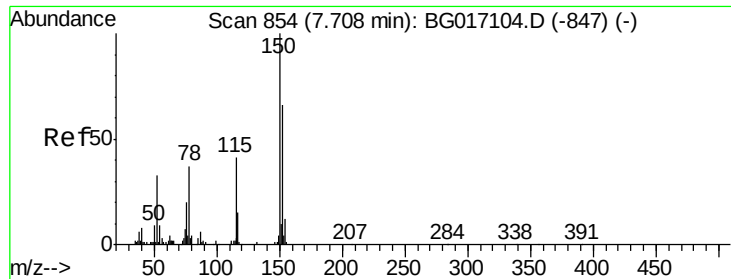
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG017190.D

Acq: 16 May 2015 00:53

Instrument :

BNA_G

ClientSampleId :

WASTE-1

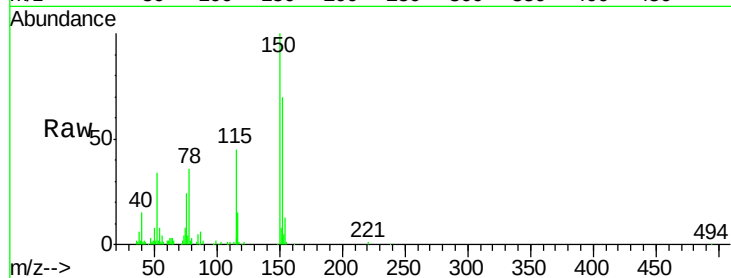
Tgt Ion:152 Resp: 44123

Ion Ratio Lower Upper

152 100

150 142.2 120.8 181.2

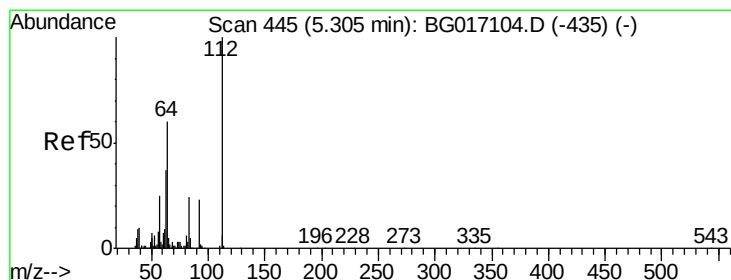
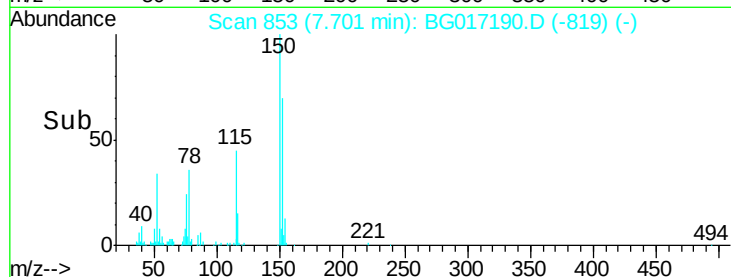
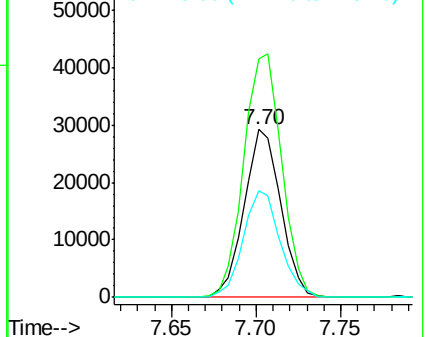
115 63.6 49.4 74.2



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: 121.78 ng

RT: 5.30 min Scan# 444

Delta R.T. -0.00 min

Lab File: BG017190.D

Acq: 16 May 2015 00:53

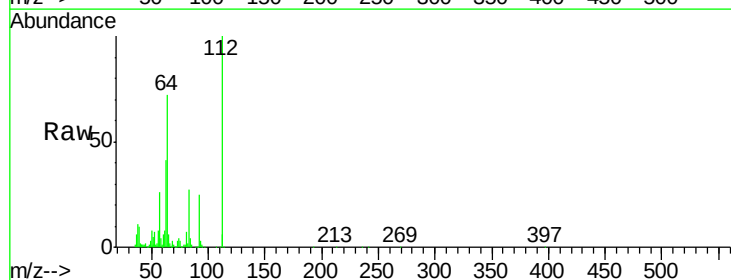
Tgt Ion:112 Resp: 302850

Ion Ratio Lower Upper

112 100

64 71.6 48.1 72.1

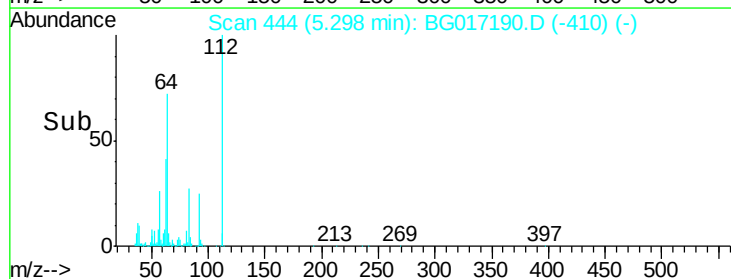
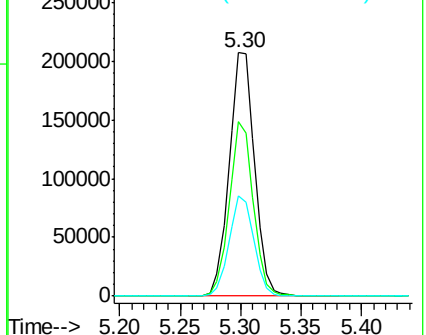
63 41.2 29.8 44.8

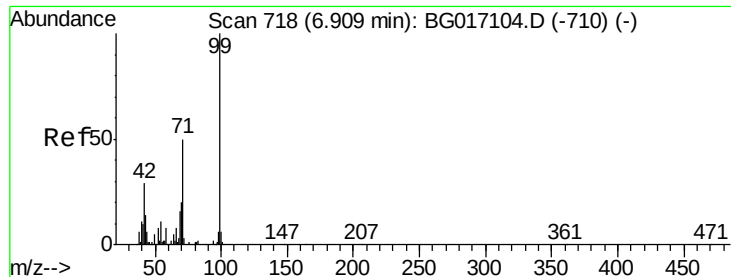


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 110.32 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017190.D

Acq: 16 May 2015 00:53

Instrument :

BNA_G

ClientSampleId :

WASTE-1

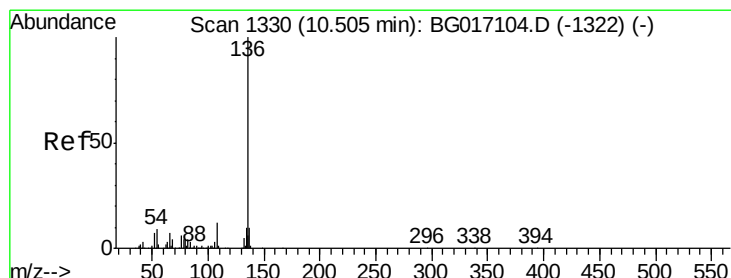
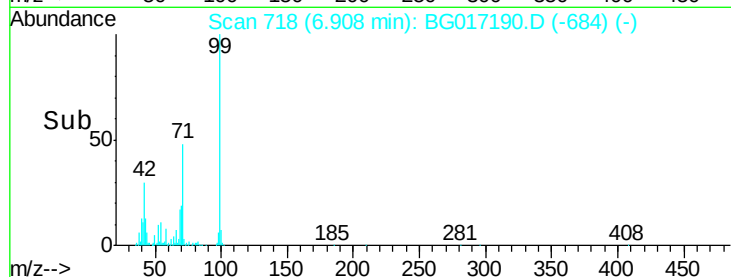
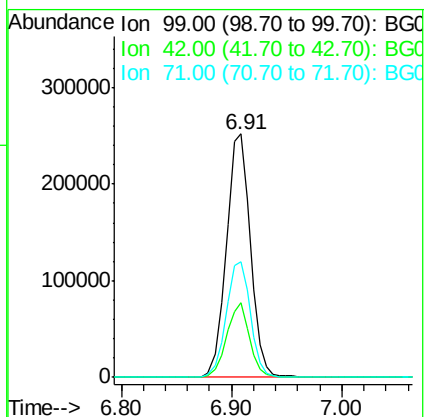
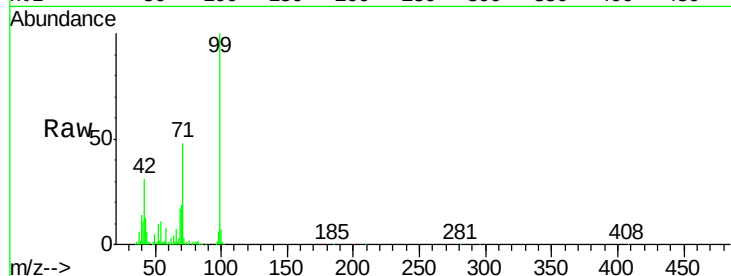
Tgt Ion: 99 Resp: 385013

Ion Ratio Lower Upper

99 100

42 30.5 23.5 35.3

71 47.6 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BG017190.D

Acq: 16 May 2015 00:53

Tgt Ion: 136 Resp: 189825

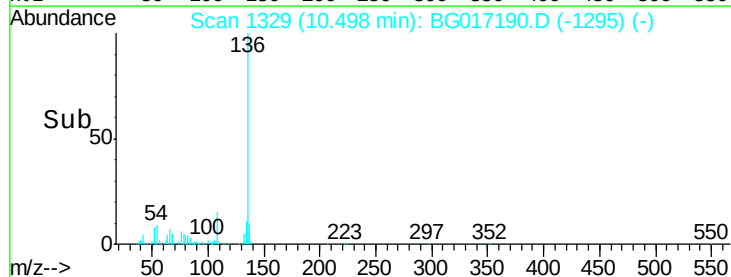
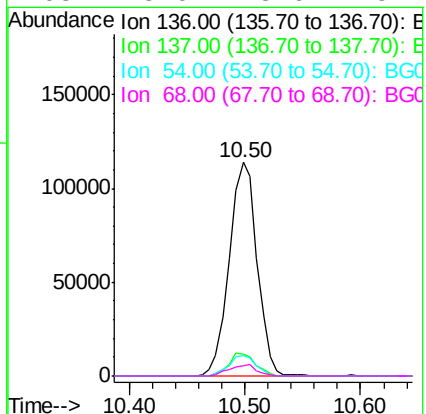
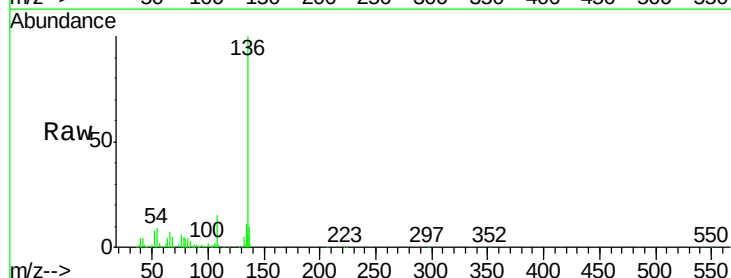
Ion Ratio Lower Upper

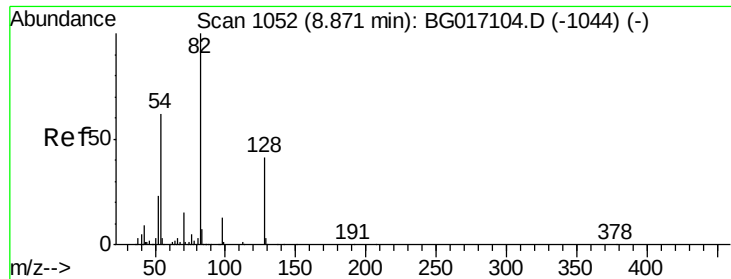
136 100

137 10.2 8.3 12.5

54 9.3 7.4 11.2

68 5.0 3.6 5.4

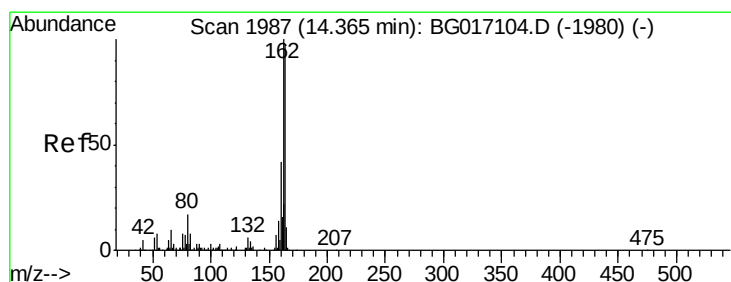
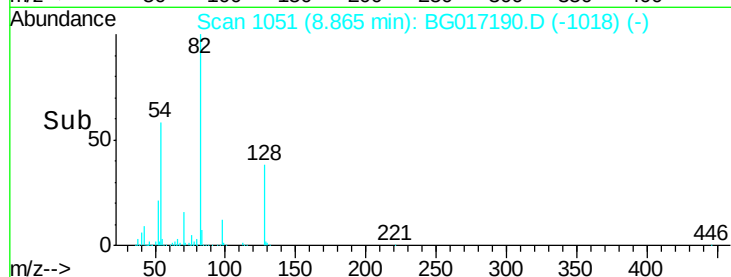
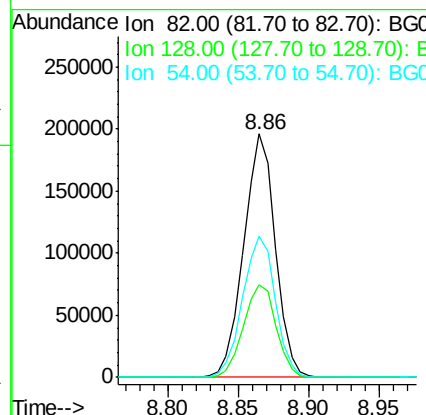
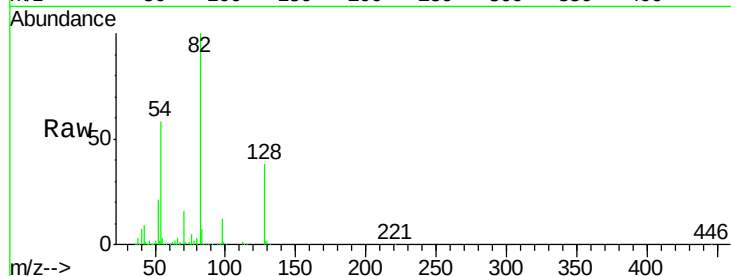




#23
 Nitrobenzene-d5
 Concen: 75.64 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017190.D
 Acq: 16 May 2015 00:53

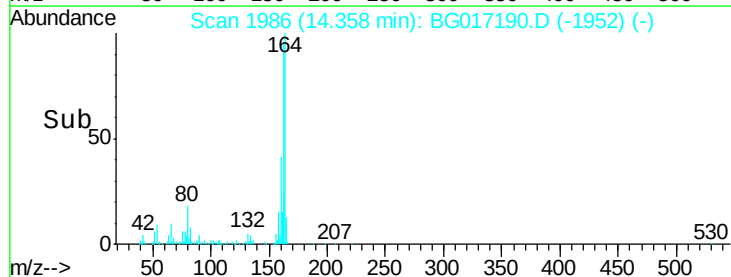
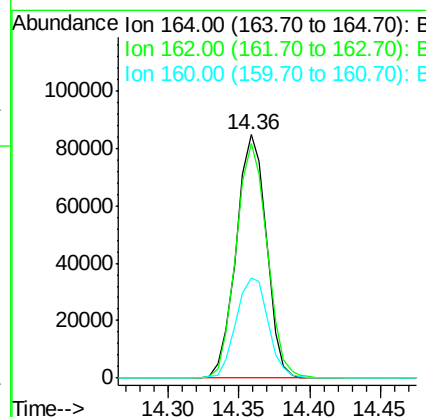
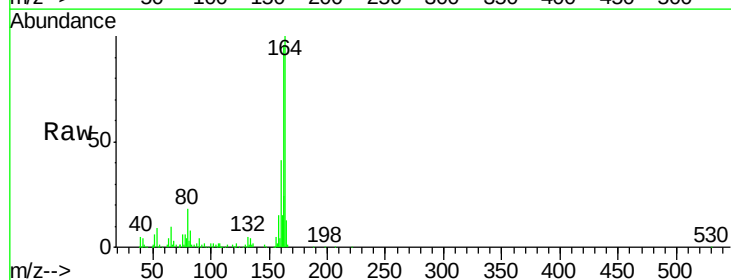
Instrument :
 BNA_G
 ClientSampleId :
 WASTE-1

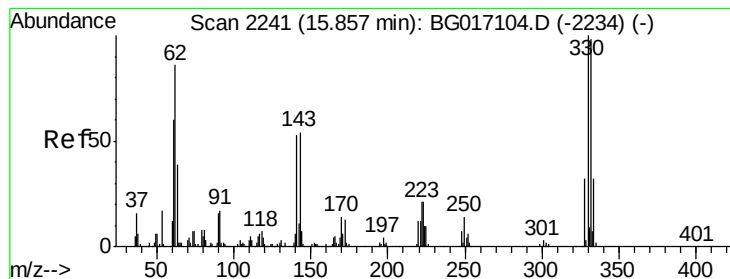
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.0	32.6	49.0
54	58.1	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG017190.D
 Acq: 16 May 2015 00:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	82.1	123.1
160	41.1	34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 126.50 ng

RT: 15.86 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG017190.D

Acq: 16 May 2015 00:53

Instrument :

BNA_G

ClientSampleId :

WASTE-1

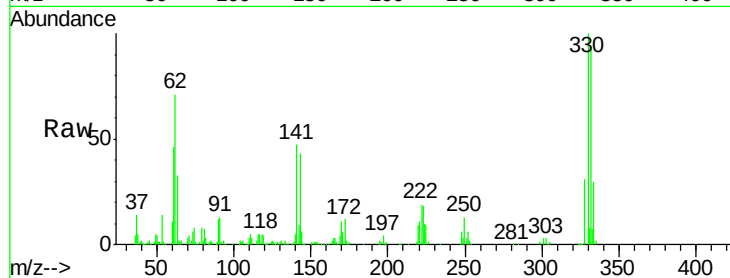
Tgt Ion:330 Resp: 192961

Ion Ratio Lower Upper

330 100

332 95.0 76.9 115.3

141 51.5 42.2 63.2

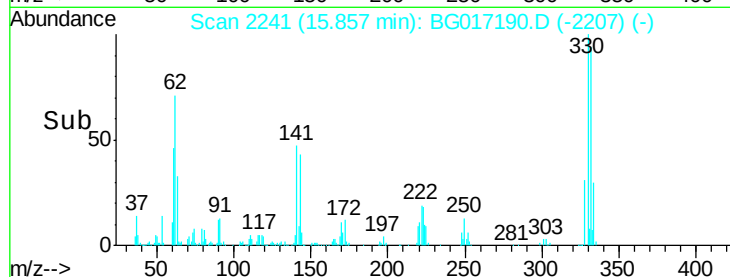


Abundance Ion 329.80 (329.50 to 330.50): E

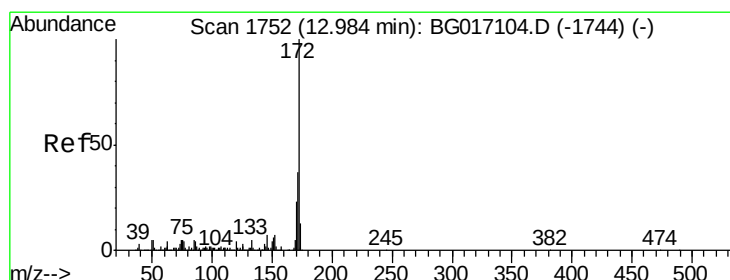
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#44

2-Fluorobiphenyl

Concen: 76.38 ng

RT: 12.98 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BG017190.D

Acq: 16 May 2015 00:53

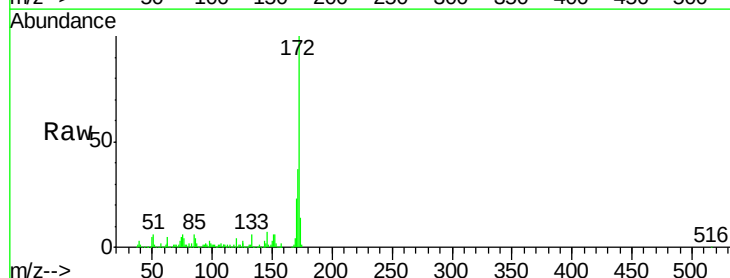
Tgt Ion:172 Resp: 656863

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

170 22.9 18.4 27.6

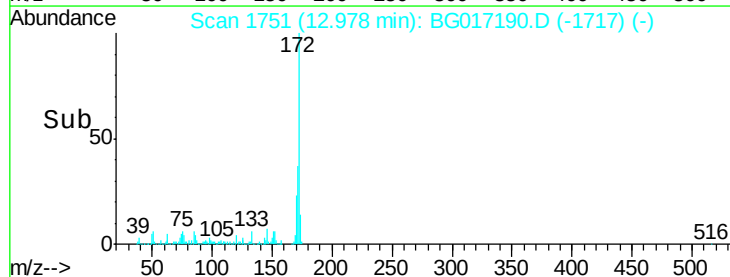


Abundance Ion 172.00 (171.70 to 172.70): E

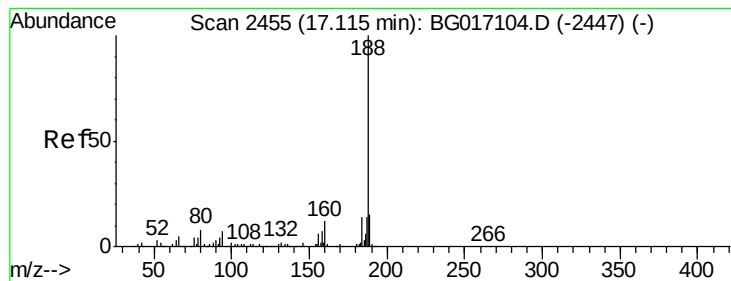
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG017190.D

Acq: 16 May 2015 00:53

Instrument :

BNA_G

ClientSampled :

WASTE-1

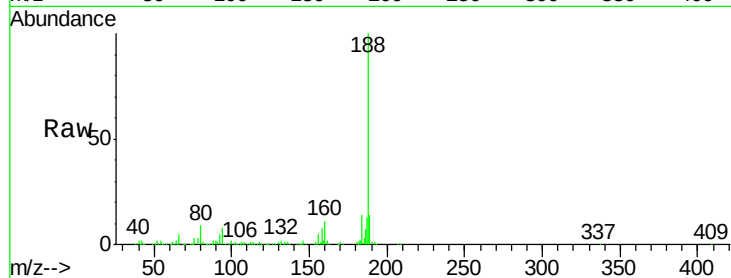
Tgt Ion:188 Resp: 295799

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

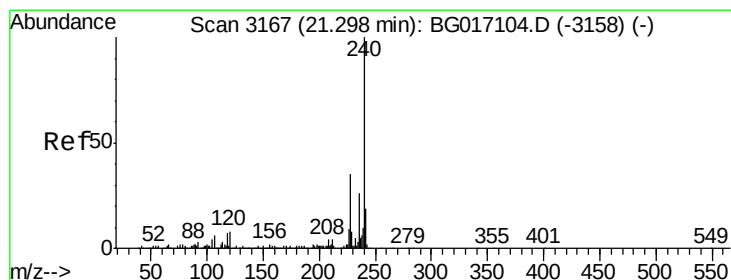
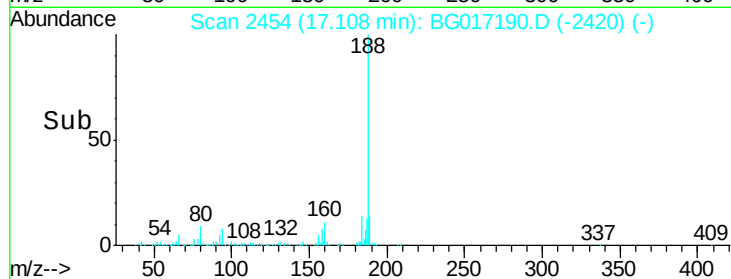
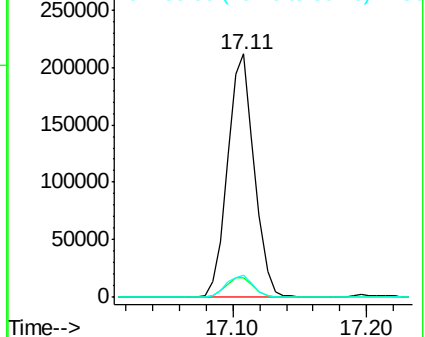
80 9.0 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG017190.D

Acq: 16 May 2015 00:53

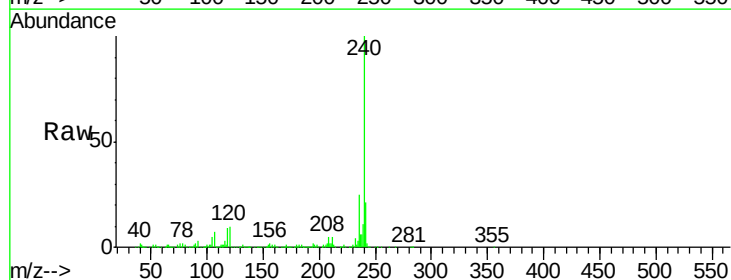
Tgt Ion:240 Resp: 290257

Ion Ratio Lower Upper

240 100

120 9.9 6.0 9.0#

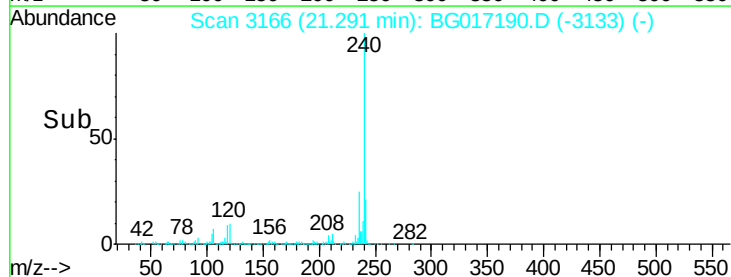
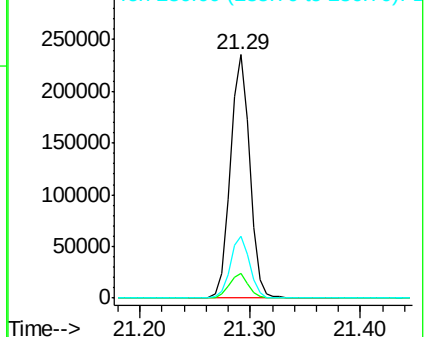
236 25.2 20.5 30.7

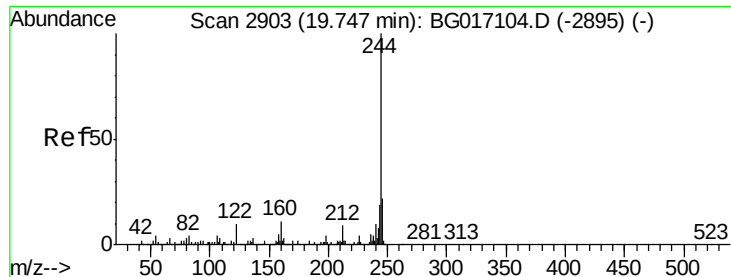


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.06 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.00 min

Lab File: BG017190.D

Acq: 16 May 2015 00:53

Instrument :

BNA_G

ClientSampleId :

WASTE-1

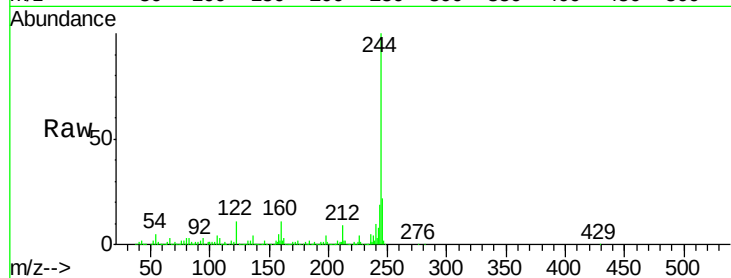
Tgt Ion:244 Resp: 1087259

Ion Ratio Lower Upper

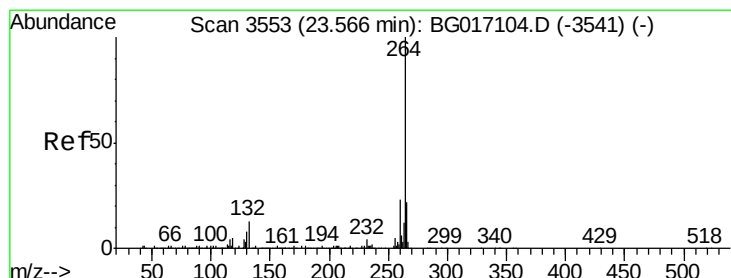
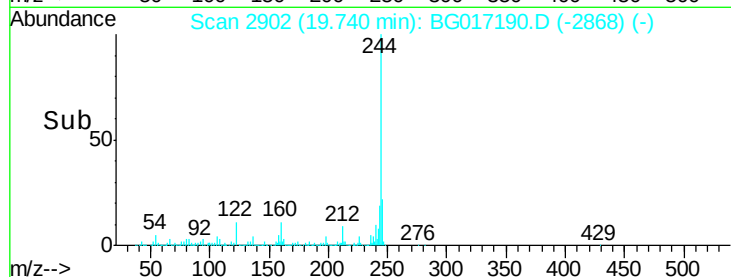
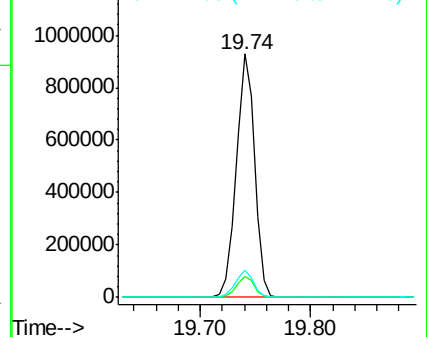
244 100

212 8.6 7.0 10.4

122 11.2 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. -0.00 min

Lab File: BG017190.D

Acq: 16 May 2015 00:53

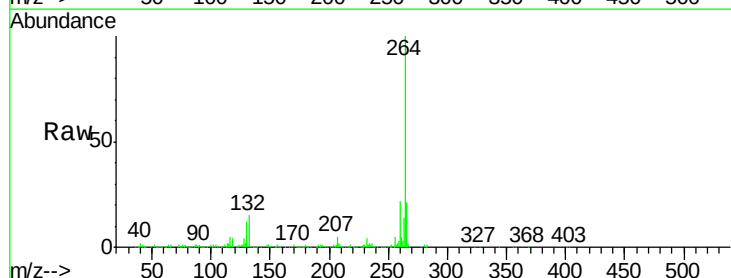
Tgt Ion:264 Resp: 285265

Ion Ratio Lower Upper

264 100

260 22.1 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

