

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017139.D
 Acq On : 14 May 2015 14:22
 Operator : TP/IZ
 Sample : G2177-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-24(5-10)

Quant Time: May 15 04:18:02 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

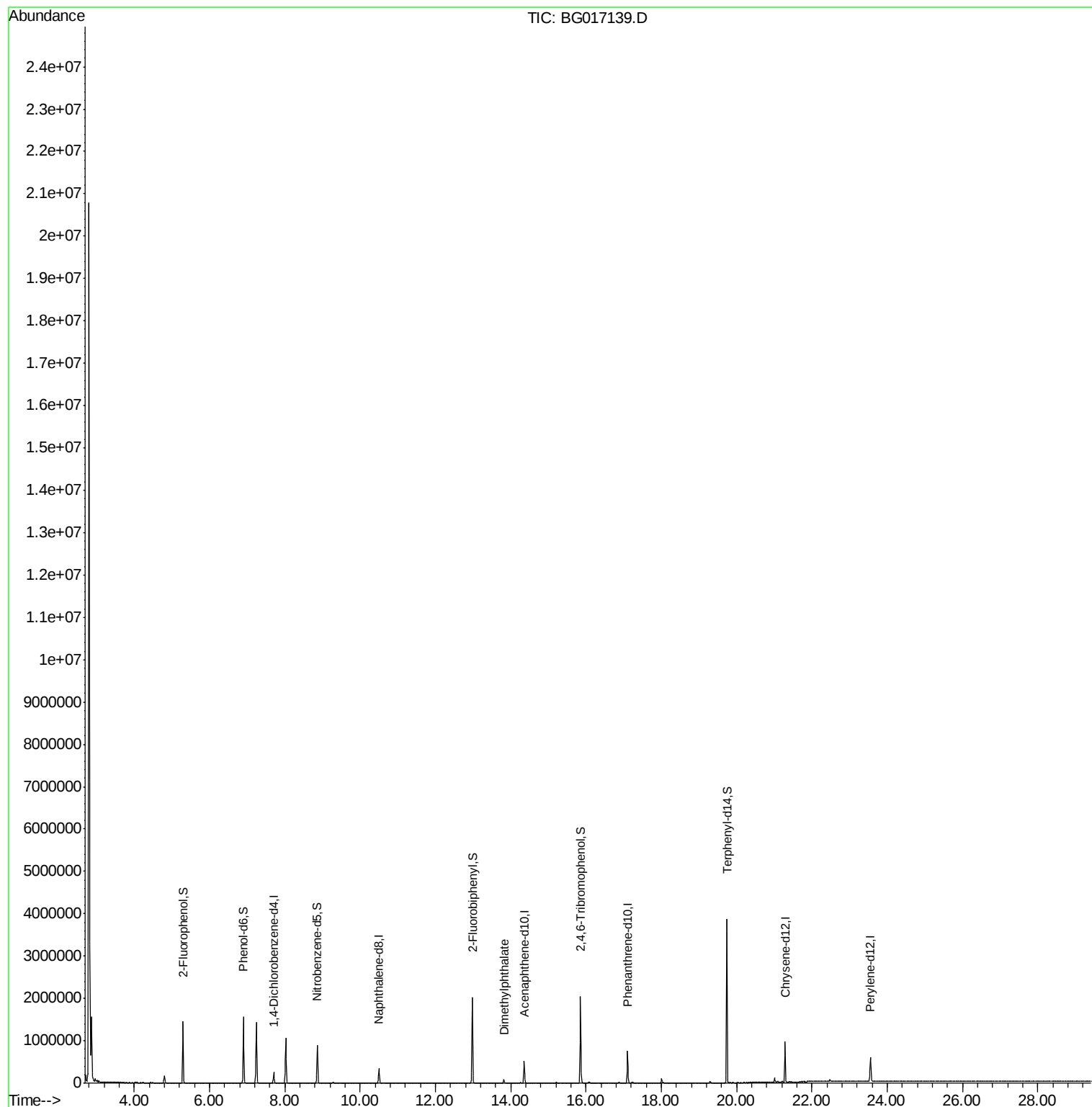
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	61650	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	253874	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	165782	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	385656	20.00	ng	0.00
75) Chrysene-d12	21.29	240	393050	20.00	ng	0.00
86) Perylene-d12	23.56	264	381926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	500731	144.11	ng	-0.01
7) Phenol-d6	6.90	99	696857	142.91	ng	0.00
23) Nitrobenzene-d5	8.86	82	462432	85.04	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	275220	137.33	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	916982	81.16	ng	0.00
78) Terphenyl-d14	19.75	244	1460821	77.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.83	77	64	Below Cal		Qvalue # 6
49) Dimethylphthalate	13.82	163	40542	3.13	ng	96

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

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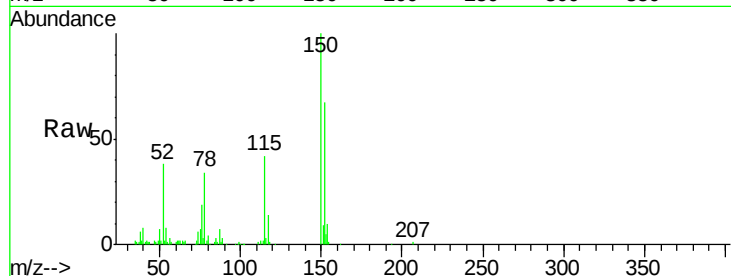


#1

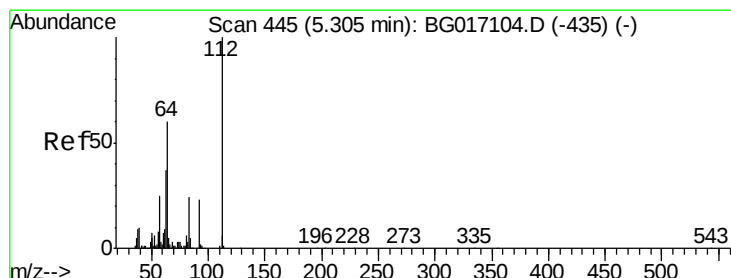
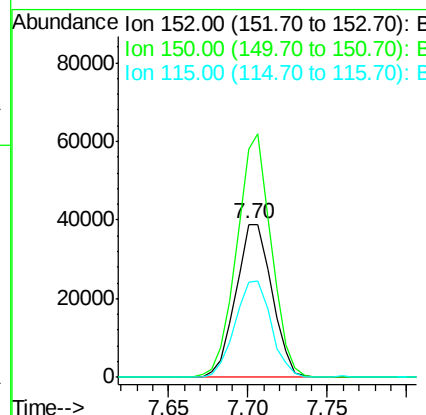
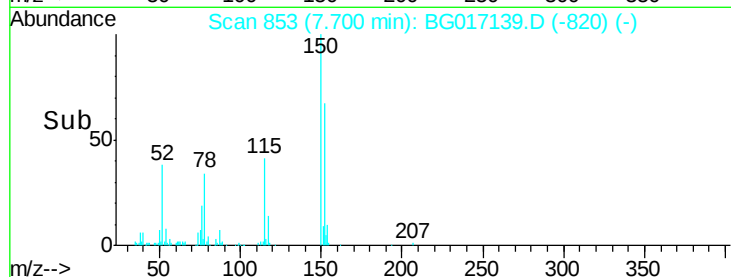
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.70 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BG017139.D
 Acq: 14 May 2015 14:22

Instrument :
 BNA_G
 ClientSampleId :
 PS-24(5-10)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.9	120.8	181.2
115	62.1	49.4	74.2



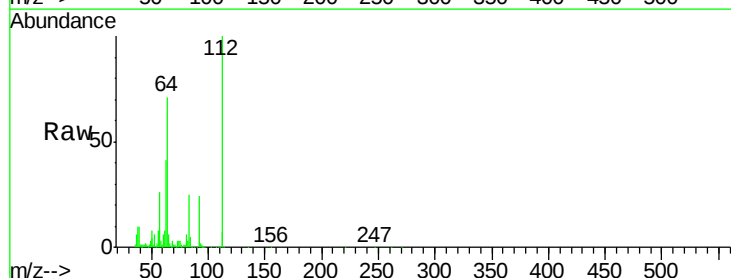
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



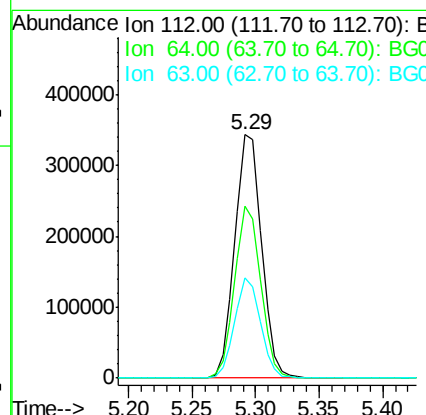
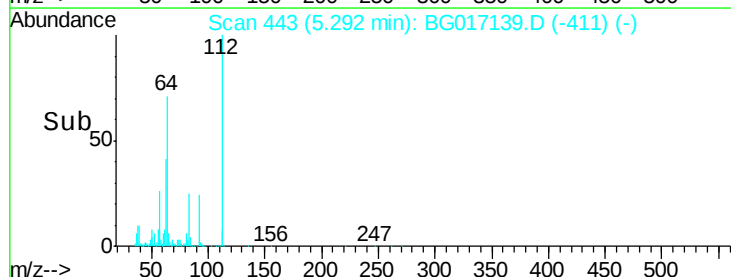
#5

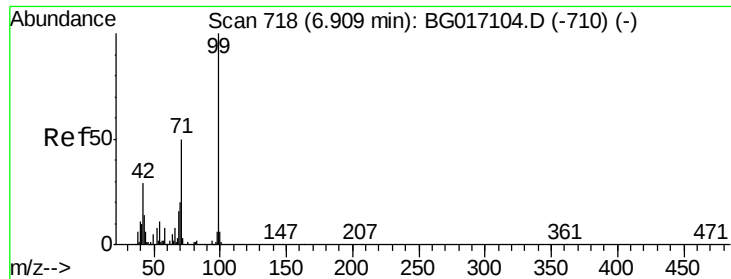
2-Fluorophenol
 Concen: 144.11 ng
 RT: 5.29 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: BG017139.D
 Acq: 14 May 2015 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	48.1	72.1
63	41.0	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: 142.91 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG017139.D

Acq: 14 May 2015 14:22

Instrument :

BNA_G

ClientSampleId :

PS-24(5-10)

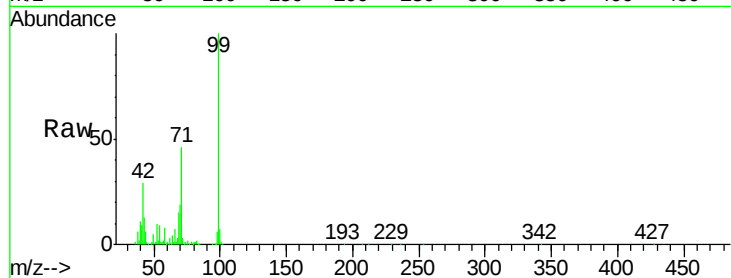
Tgt Ion: 99 Resp: 696857

Ion Ratio Lower Upper

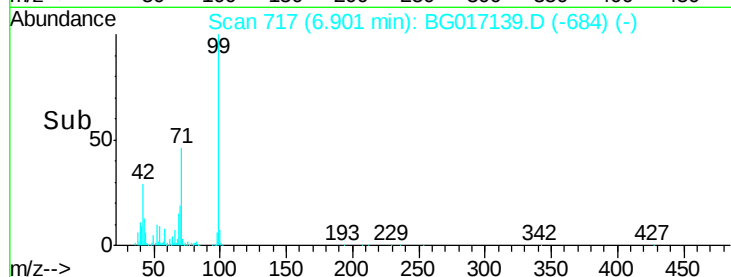
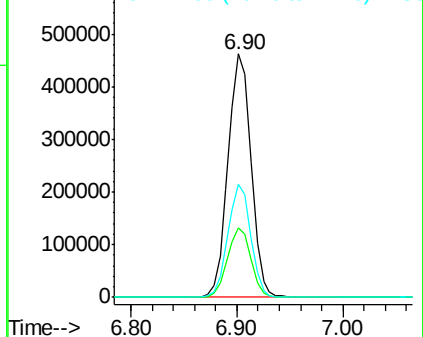
99 100

42 28.6 23.5 35.3

71 46.4 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: 10.50 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BG017139.D

Acq: 14 May 2015 14:22

Tgt Ion: 136 Resp: 253874

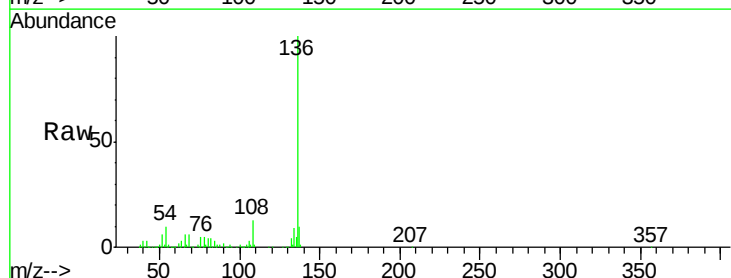
Ion Ratio Lower Upper

136 100

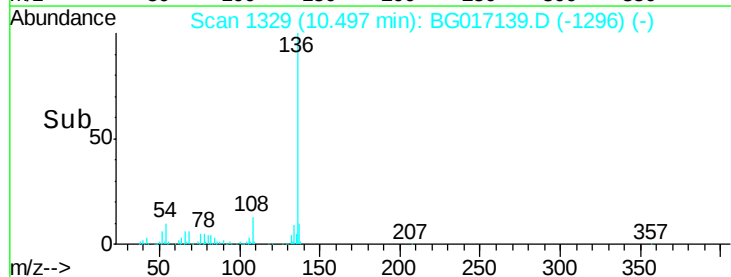
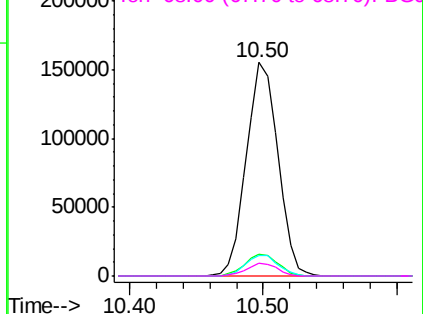
137 10.3 8.3 12.5

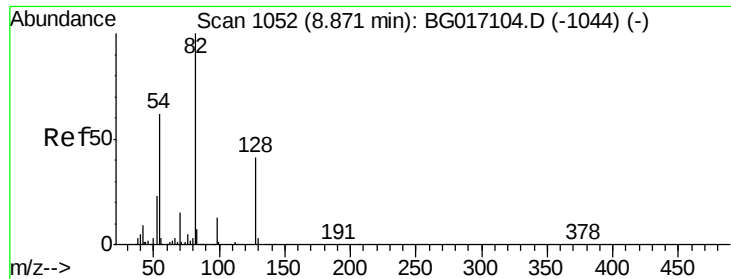
54 9.6 7.4 11.2

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

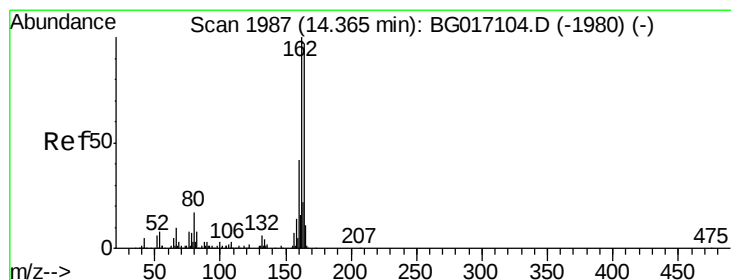
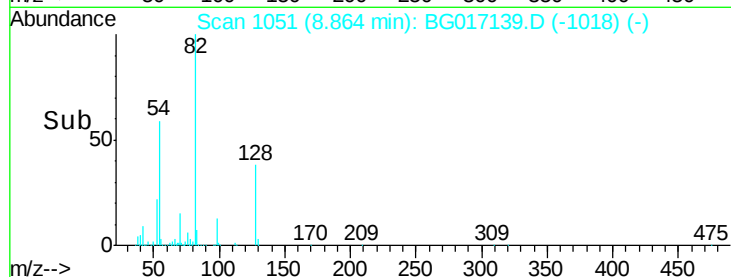
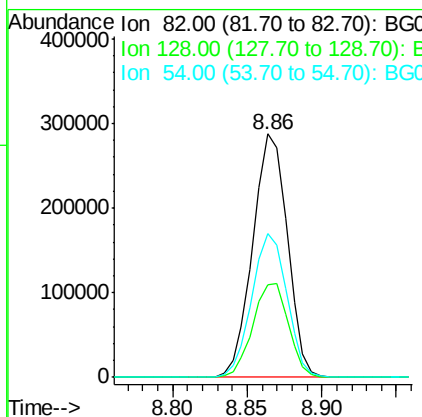
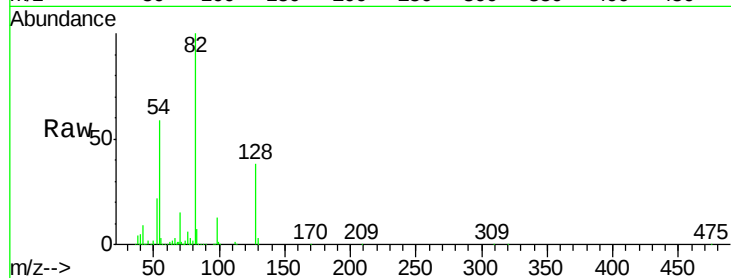




#23
 Nitrobenzene-d5
 Concen: 85.04 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017139.D
 Acq: 14 May 2015 14:22

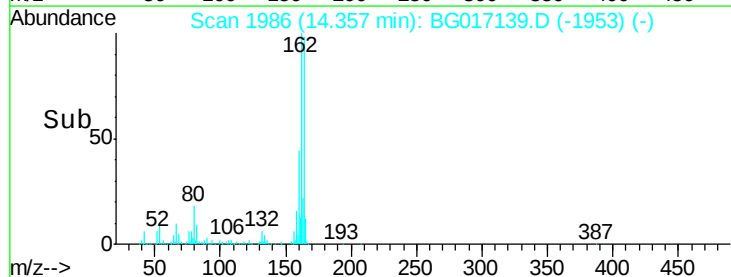
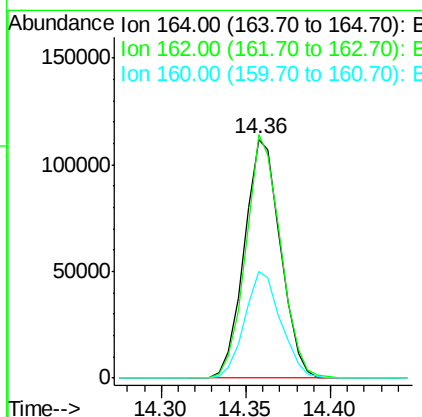
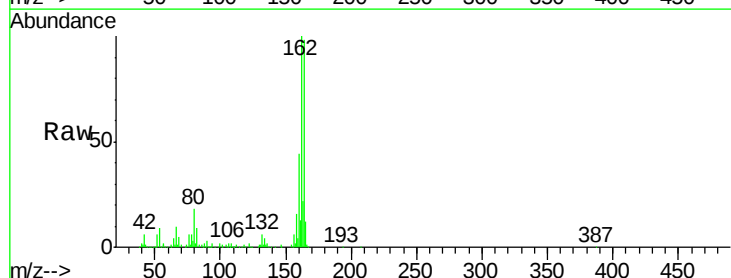
Instrument :
 BNA_G
 ClientSampleId :
 PS-24(5-10)

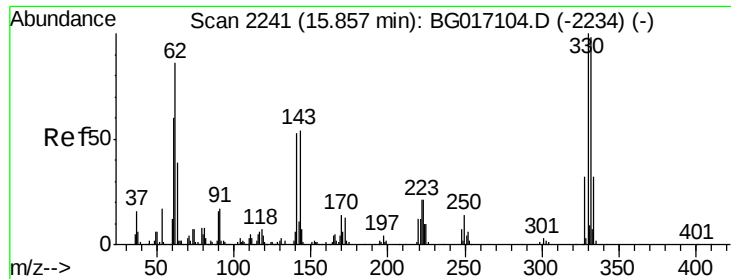
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	32.6	49.0
54	59.2	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG017139.D
 Acq: 14 May 2015 14:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.1	123.1
160	44.4	34.8	52.2

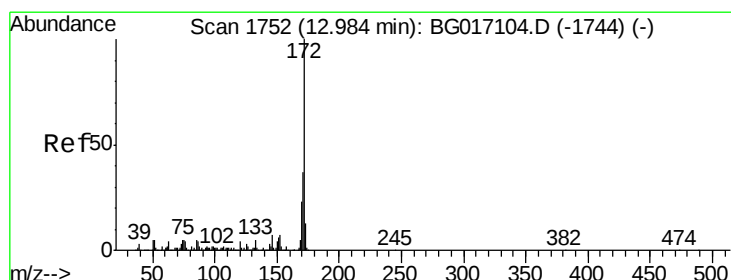
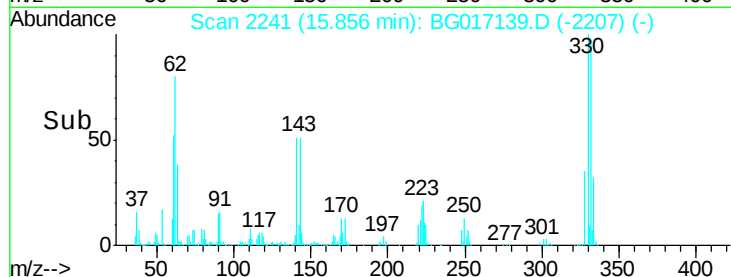
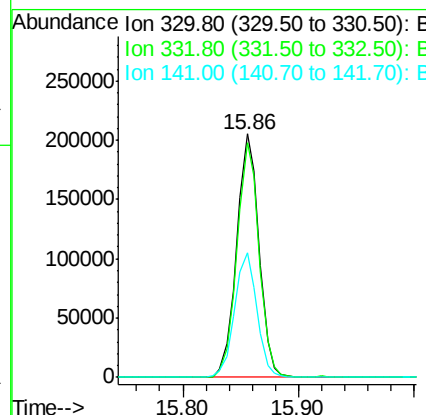
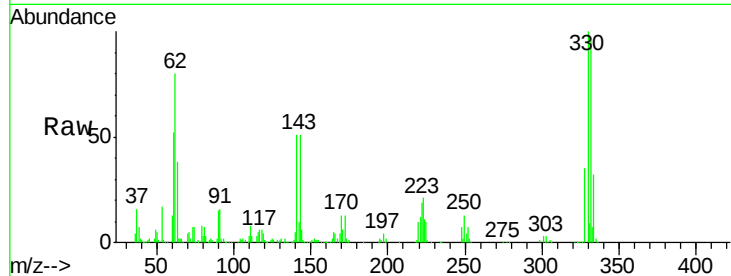




#41
 2,4,6-Tribromophenol
 Concen: 137.33 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017139.D
 Acq: 14 May 2015 14:22

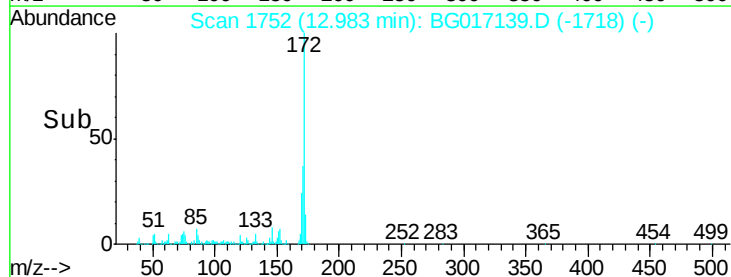
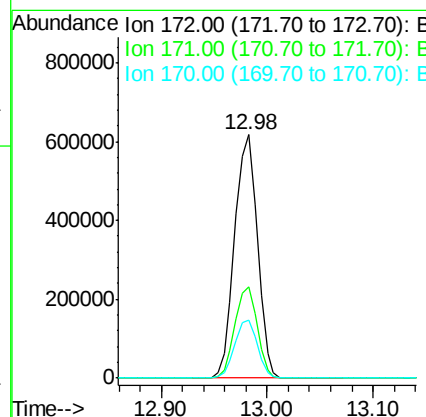
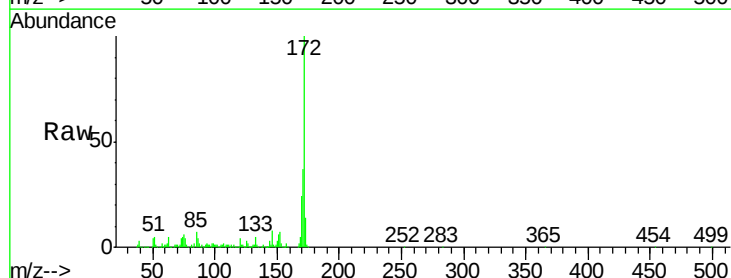
Instrument :
 BNA_G
 ClientSampled :
 PS-24(5-10)

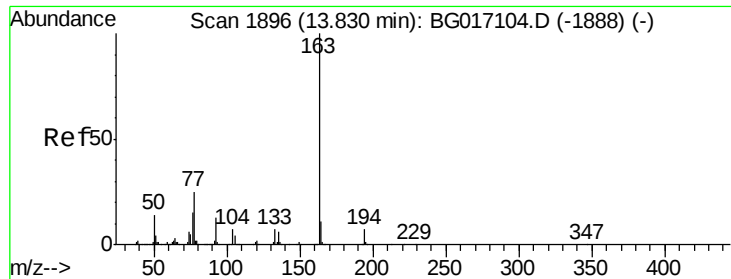
Tgt Ion:330 Resp: 275220
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.9 115.3
 141 51.5 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 81.16 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017139.D
 Acq: 14 May 2015 14:22

Tgt Ion:172 Resp: 916982
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 23.9 18.4 27.6





#49

Dimethylphthalate

Concen: 3.13 ng

RT: 13.82 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BG017139.D

Acq: 14 May 2015 14:22

Instrument :

BNA_G

ClientSampleId :

PS-24(5-10)

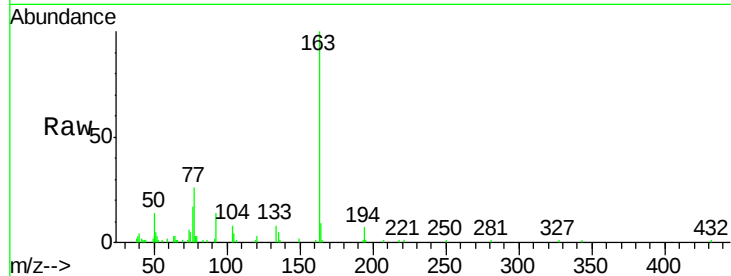
Tgt Ion:163 Resp: 40542

Ion Ratio Lower Upper

163 100

194 7.5 5.6 8.4

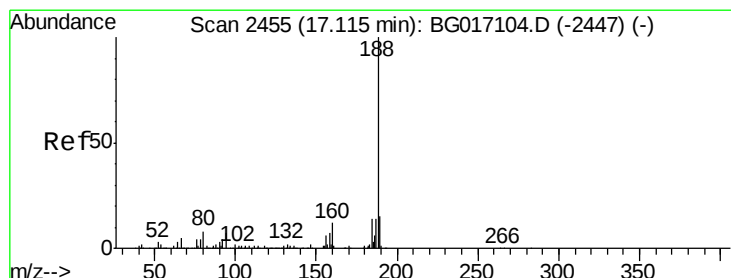
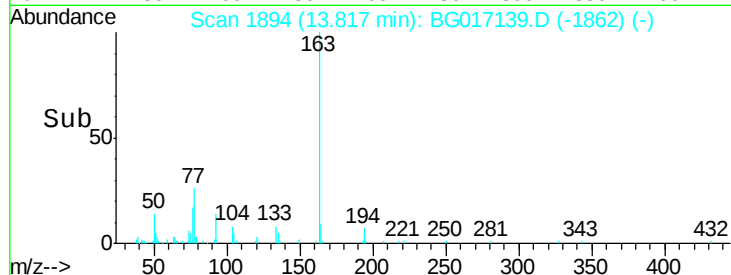
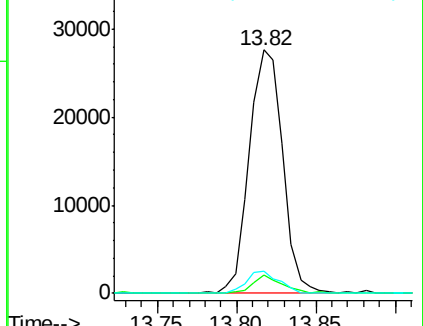
164 8.9 8.6 13.0



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: BG017139.D

Acq: 14 May 2015 14:22

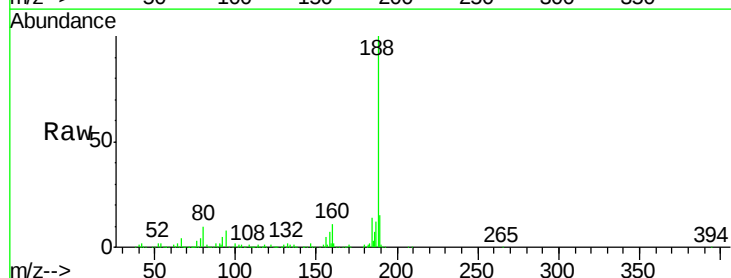
Tgt Ion:188 Resp: 385656

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

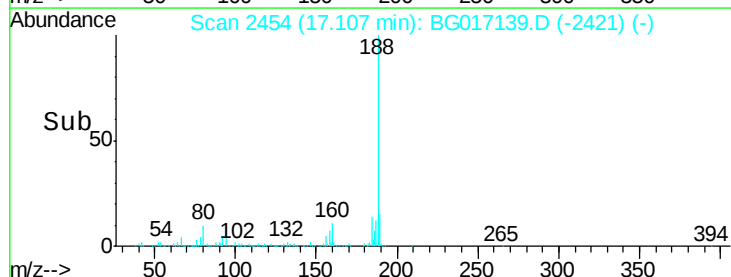
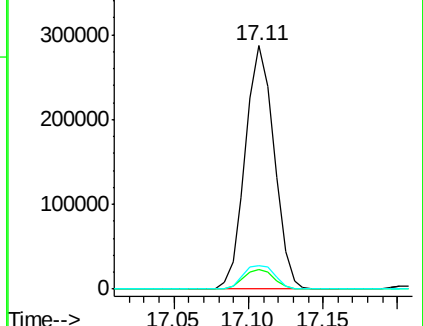
80 9.8 6.5 9.7#



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: BG017139.D

Acq: 14 May 2015 14:22

Instrument :

BNA_G

ClientSampleId :

PS-24(5-10)

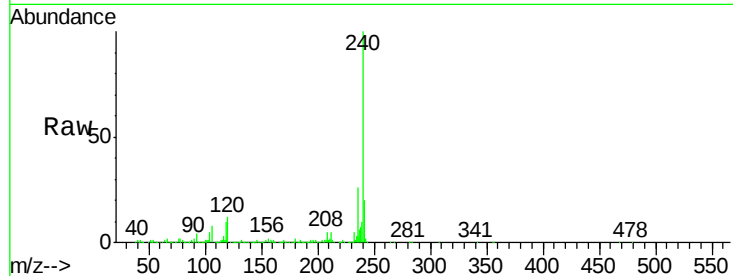
Tgt Ion:240 Resp: 393050

Ion Ratio Lower Upper

240 100

120 11.7 6.0 9.0#

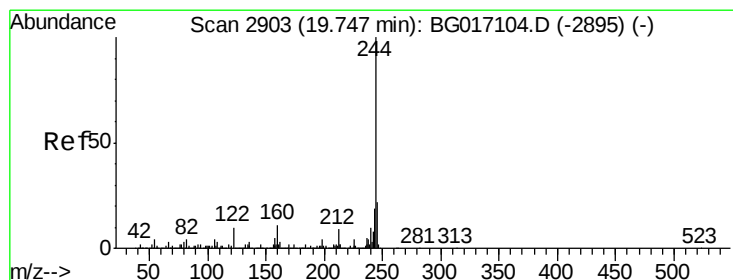
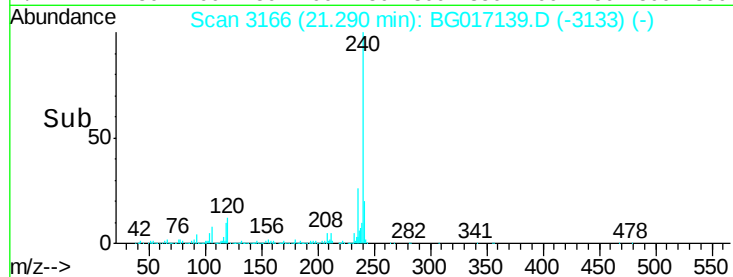
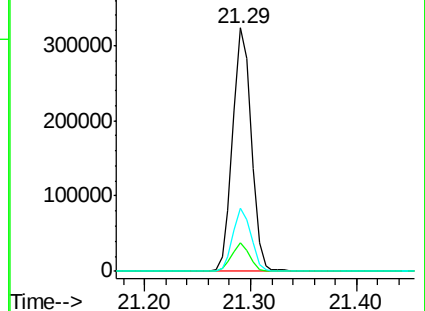
236 25.8 20.5 30.7



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: 77.45 ng

RT: 19.75 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017139.D

Acq: 14 May 2015 14:22

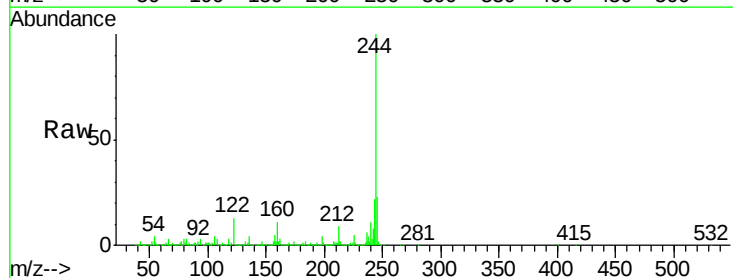
Tgt Ion:244 Resp: 1460821

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

122 12.6 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

