

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051415\
 Data File : BG017169.D
 Acq On : 15 May 2015 9:34
 Operator : TP/IZ
 Sample : G2177-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(5-10)

Quant Time: May 15 11:14:28 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

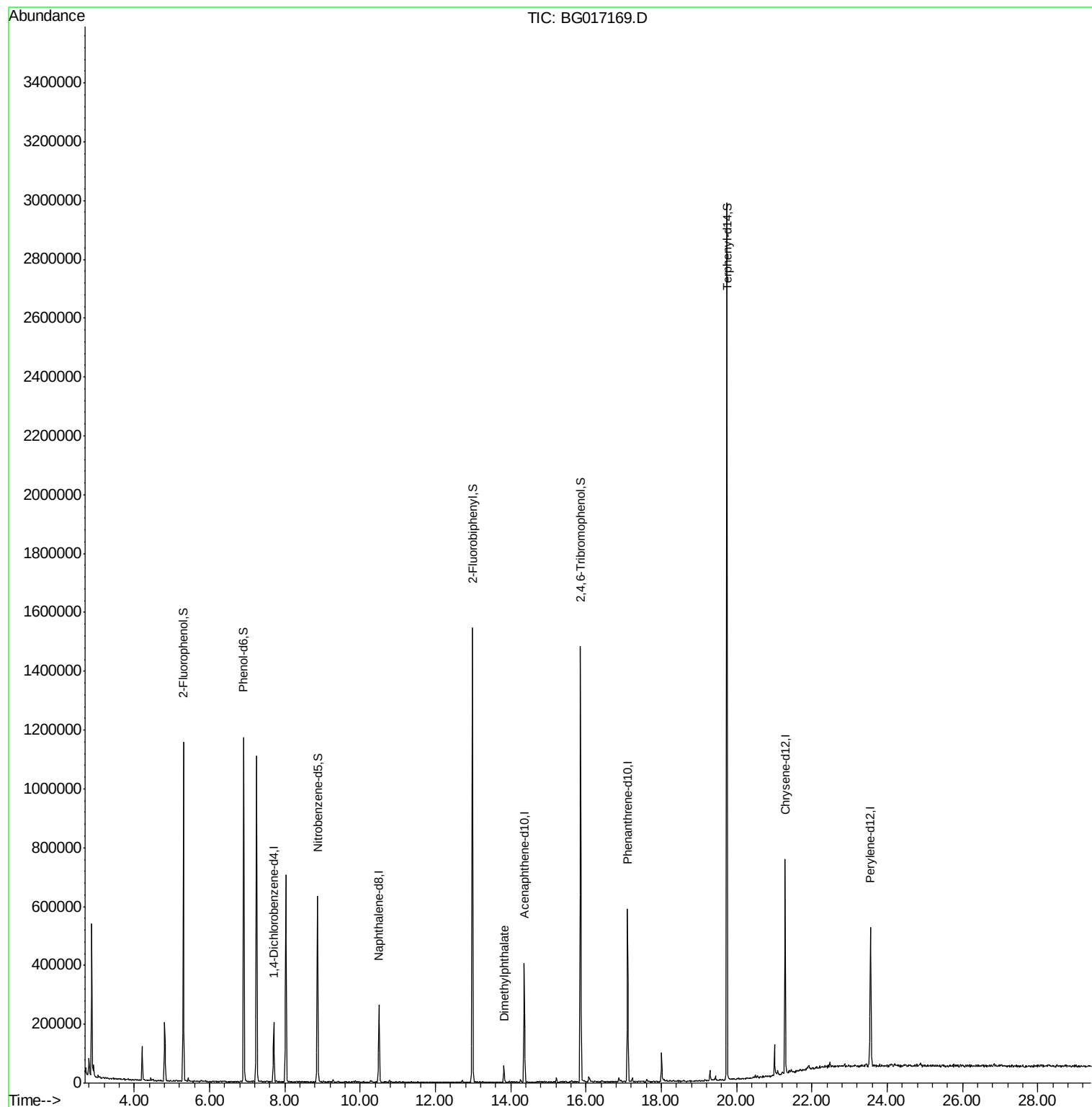
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	44959	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	190851	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	127350	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	300883	20.00	ng	0.00
75) Chrysene-d12	21.29	240	317909	20.00	ng	0.00
86) Perylene-d12	23.56	264	313321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	377945	149.15	ng	0.00
7) Phenol-d6	6.91	99	521074	146.53	ng	0.00
23) Nitrobenzene-d5	8.87	82	333761	81.65	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	201281	130.75	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	660213	76.07	ng	0.00
78) Terphenyl-d14	19.74	244	1144356	75.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.83	77	67	Below Cal	#	6
49) Dimethylphthalate	13.82	163	31239	3.14 ng	#	95

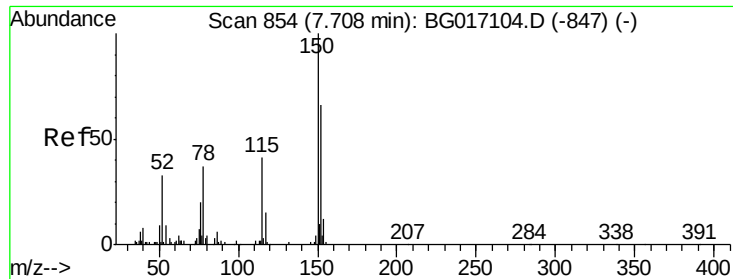
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 13 16:12:13 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG017169.D

Acq: 15 May 2015 9:34

Instrument :

BNA_G

ClientSampleId :

PS-30A(5-10)

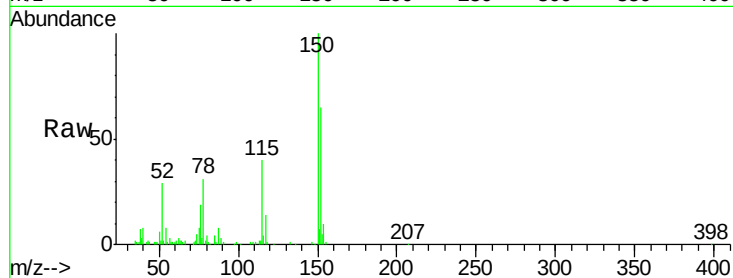
Tgt Ion:152 Resp: 44959

Ion Ratio Lower Upper

152 100

150 152.7 120.8 181.2

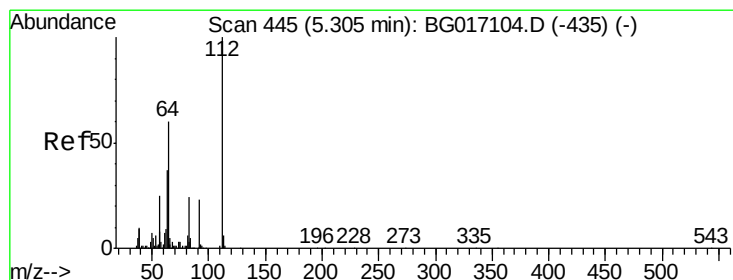
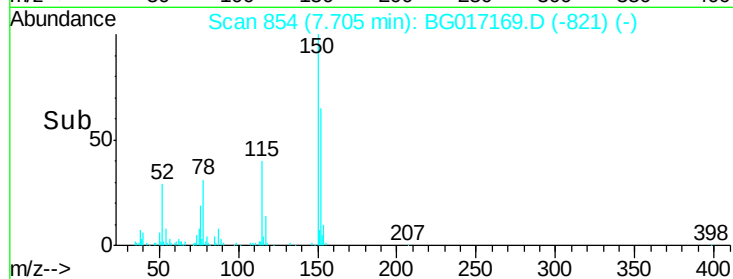
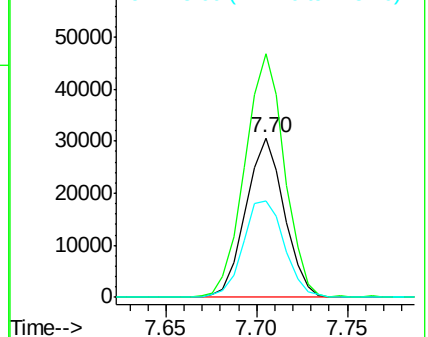
115 60.4 49.4 74.2



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: 149.15 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017169.D

Acq: 15 May 2015 9:34

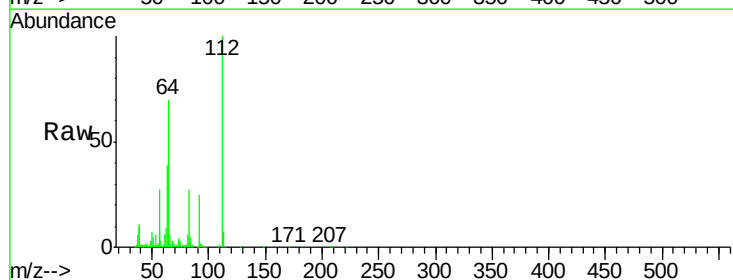
Tgt Ion:112 Resp: 377945

Ion Ratio Lower Upper

112 100

64 70.0 48.1 72.1

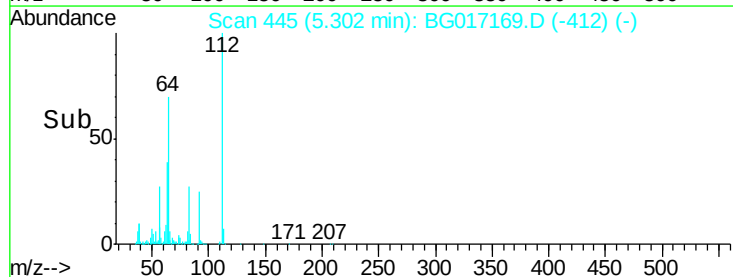
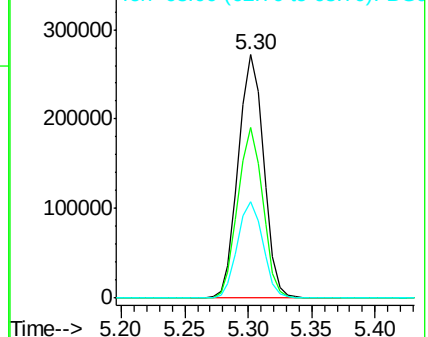
63 39.4 29.8 44.8

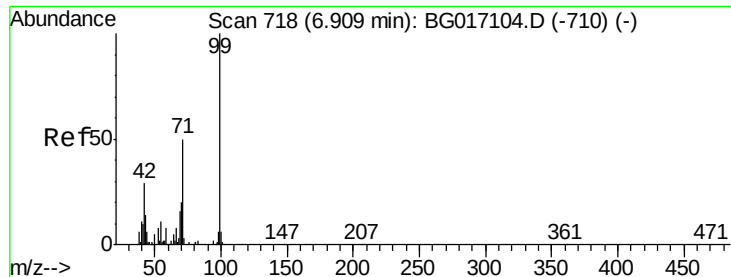


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 146.53 ng

RT: 6.91 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG017169.D

Acq: 15 May 2015 9:34

Instrument :

BNA_G

ClientSampleId :

PS-30A(5-10)

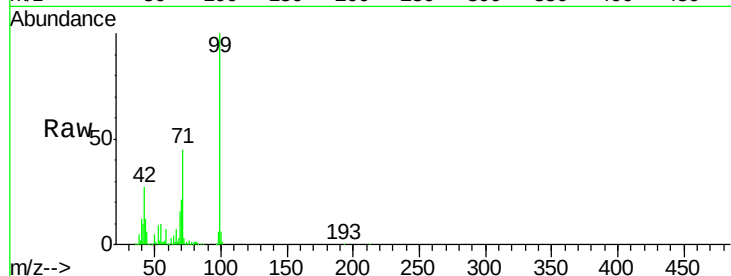
Tgt Ion: 99 Resp: 521074

Ion Ratio Lower Upper

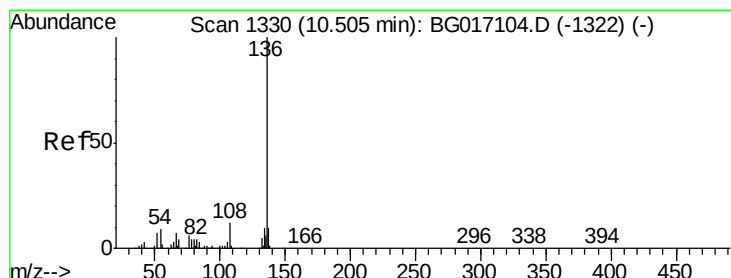
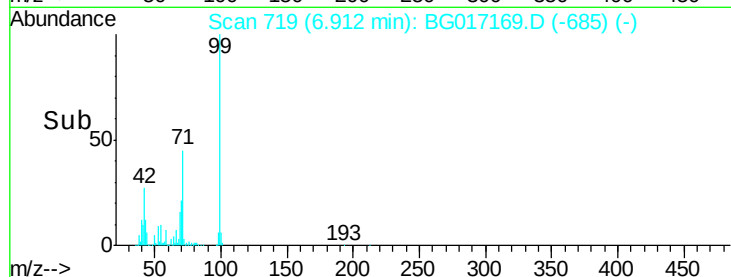
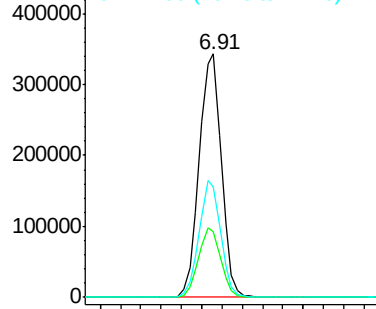
99 100

42 27.2 23.5 35.3

71 45.1 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: 10.50 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BG017169.D

Acq: 15 May 2015 9:34

Tgt Ion: 136 Resp: 190851

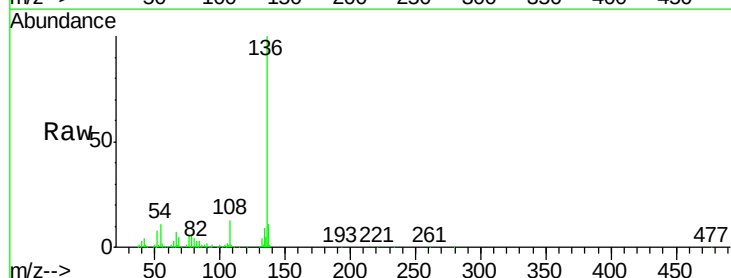
Ion Ratio Lower Upper

136 100

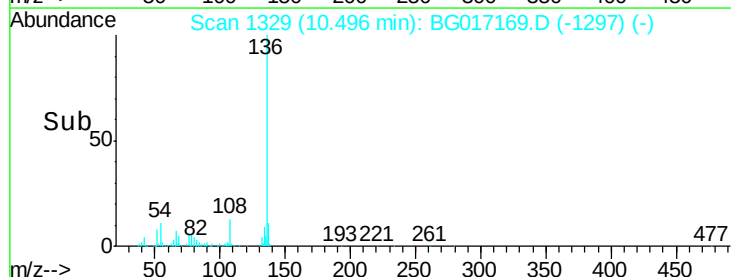
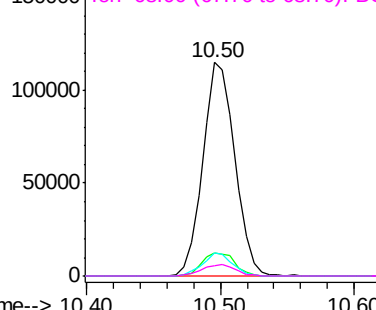
137 10.7 8.3 12.5

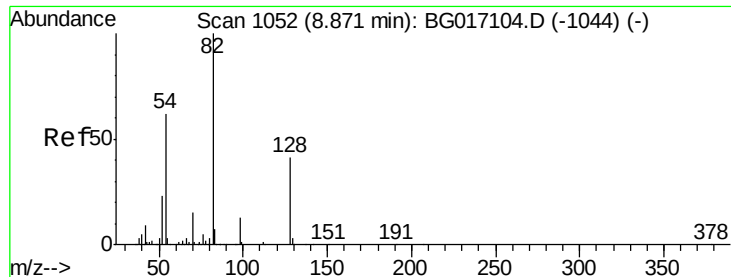
54 10.6 7.4 11.2

68 4.9 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

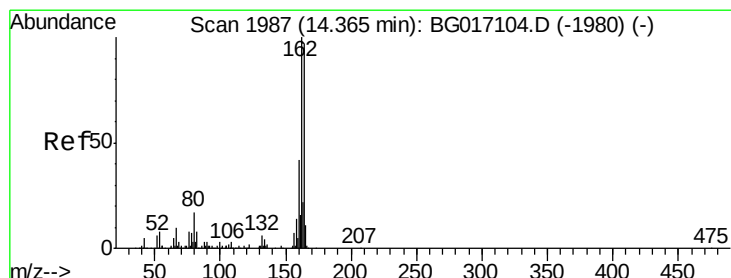
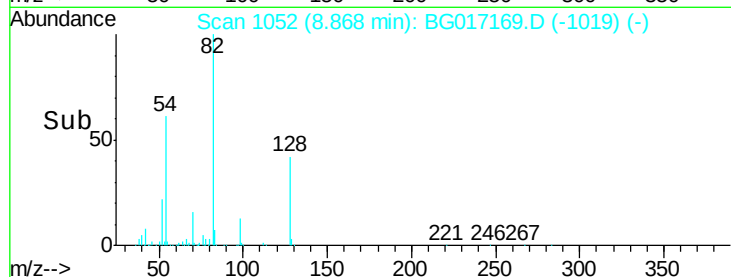
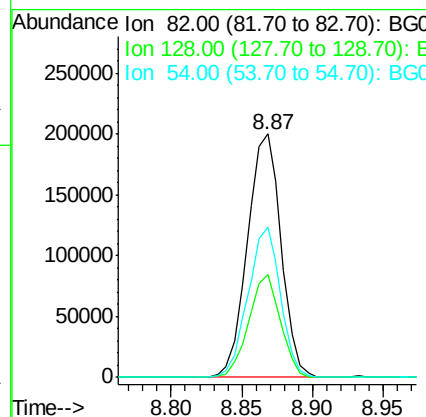
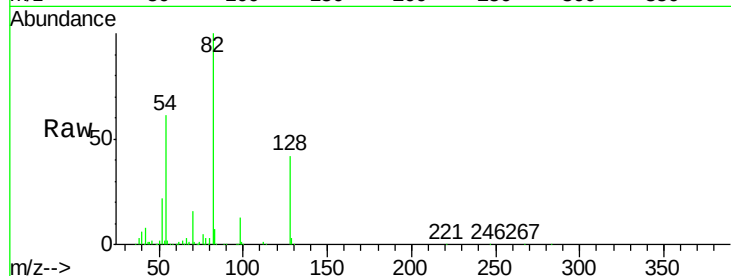




#23
 Nitrobenzene-d5
 Concen: 81.65 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017169.D
 Acq: 15 May 2015 9:34

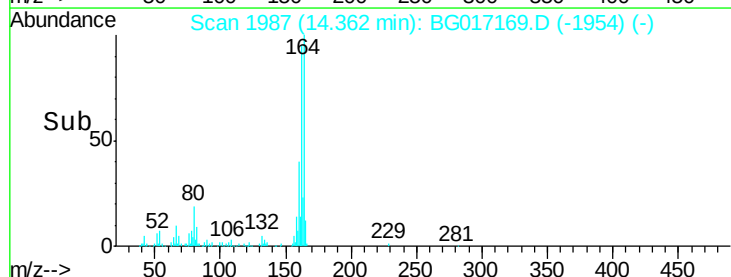
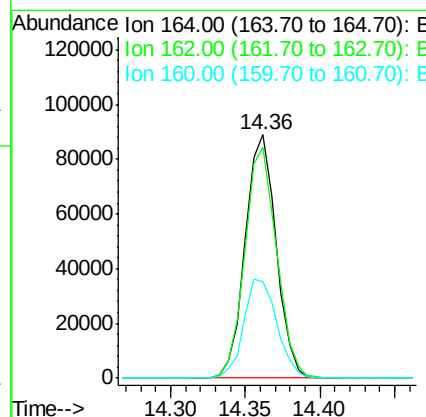
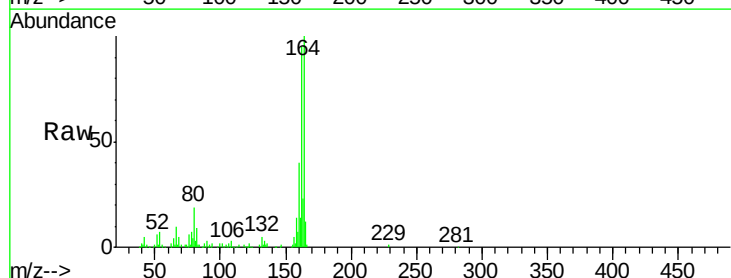
Instrument :
 BNA_G
 ClientSampleId :
 PS-30A(5-10)

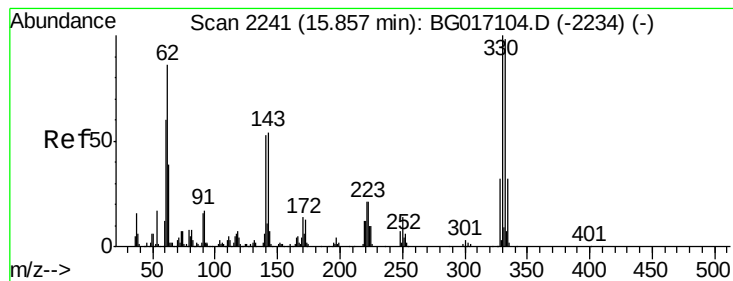
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.6	49.0
54	61.4	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017169.D
 Acq: 15 May 2015 9:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.6	82.1	123.1
160	39.8	34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 130.75 ng

RT: 15.85 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG017169.D

Acq: 15 May 2015 9:34

Instrument :

BNA_G

ClientSampleId :

PS-30A(5-10)

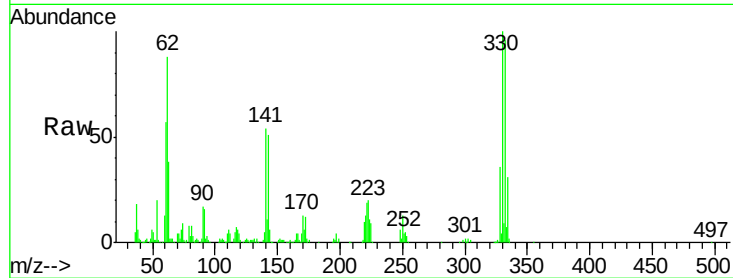
Tgt Ion:330 Resp: 201281

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

141 52.4 42.2 63.2

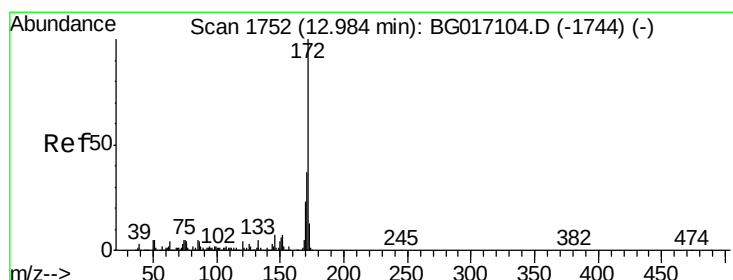
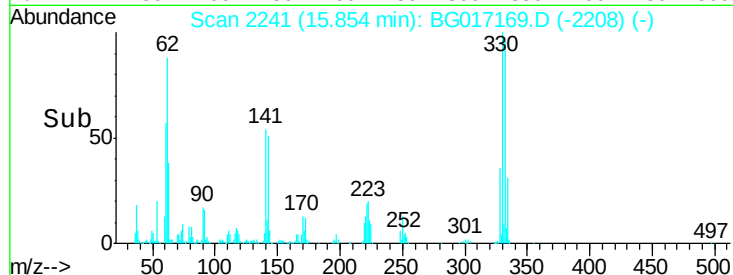
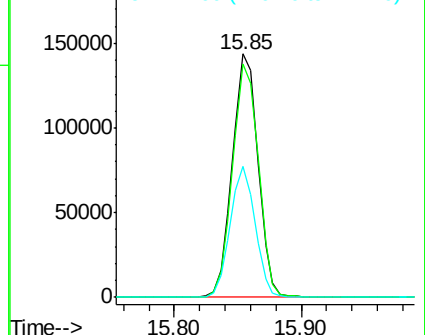


Abundance

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: 76.07 ng

RT: 12.98 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BG017169.D

Acq: 15 May 2015 9:34

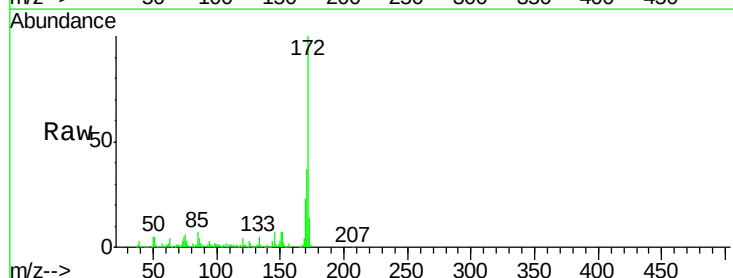
Tgt Ion:172 Resp: 660213

Ion Ratio Lower Upper

172 100

171 37.2 29.7 44.5

170 23.4 18.4 27.6

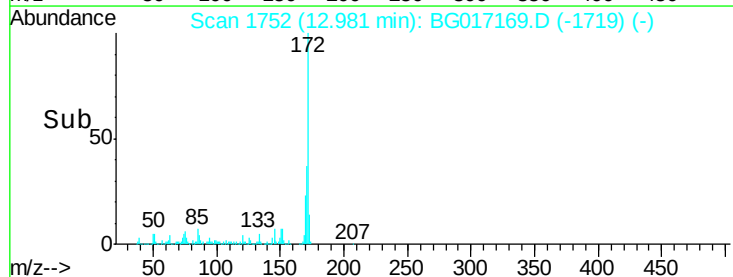
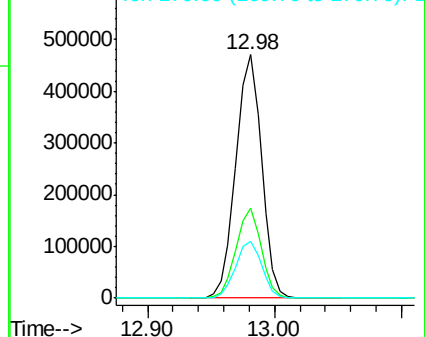


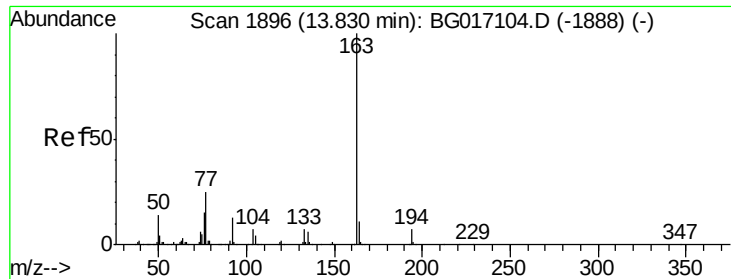
Abundance

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: 3.14 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG017169.D

Acq: 15 May 2015 9:34

Instrument :

BNA_G

ClientSampleId :

PS-30A(5-10)

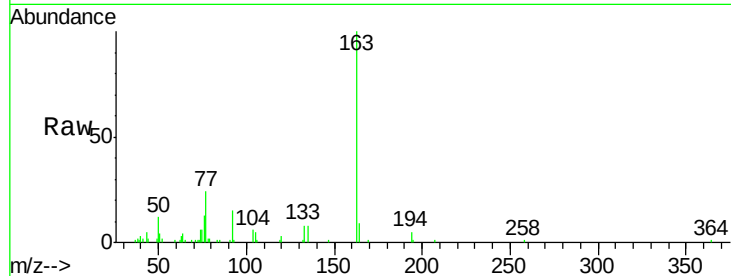
Tgt Ion:163 Resp: 31239

Ion Ratio Lower Upper

163 100

194 5.0 5.6 8.4#

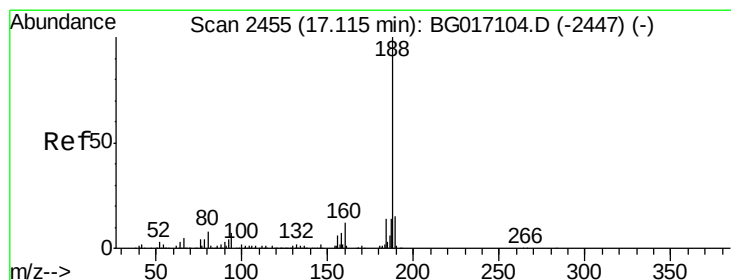
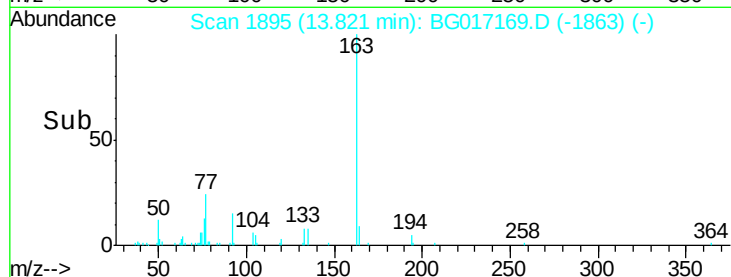
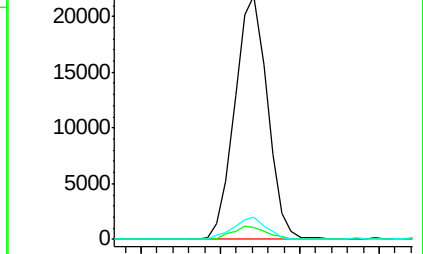
164 9.3 8.6 13.0



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: BG017169.D

Acq: 15 May 2015 9:34

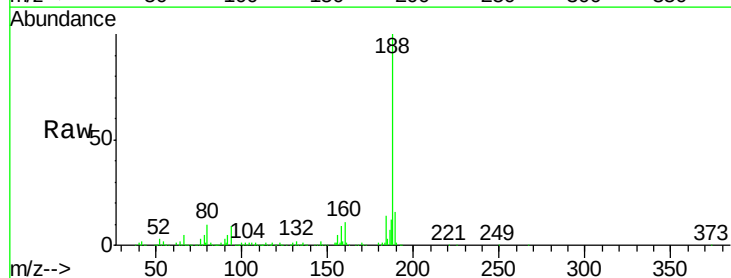
Tgt Ion:188 Resp: 300883

Ion Ratio Lower Upper

188 100

94 9.4 5.8 8.6#

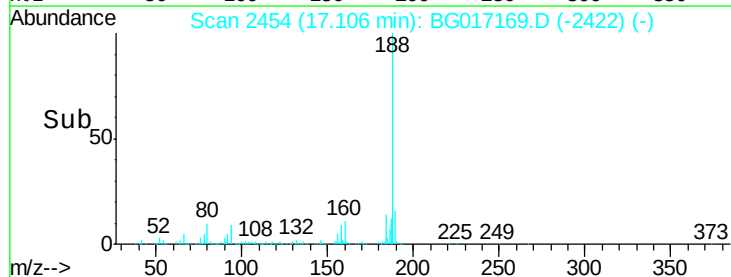
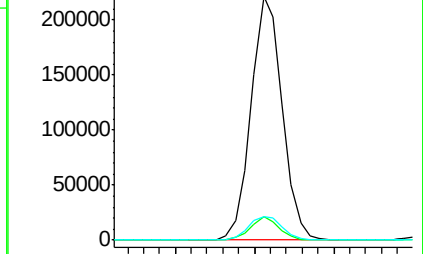
80 9.7 6.5 9.7

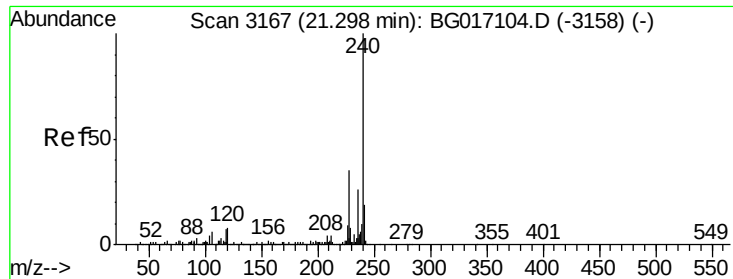


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG017169.D

Acq: 15 May 2015 9:34

Instrument :

BNA_G

ClientSampleId :

PS-30A(5-10)

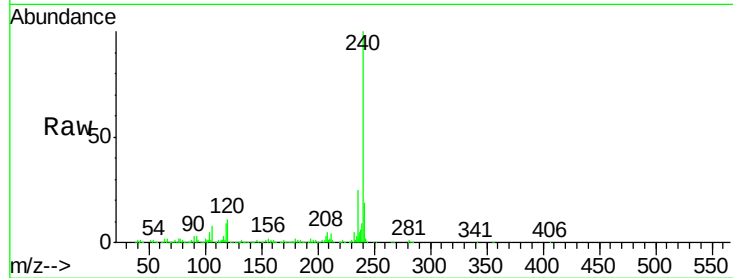
Tgt Ion:240 Resp: 317909

Ion Ratio Lower Upper

240 100

120 11.2 6.0 9.0#

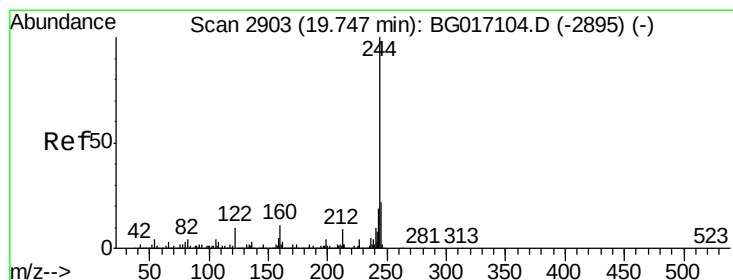
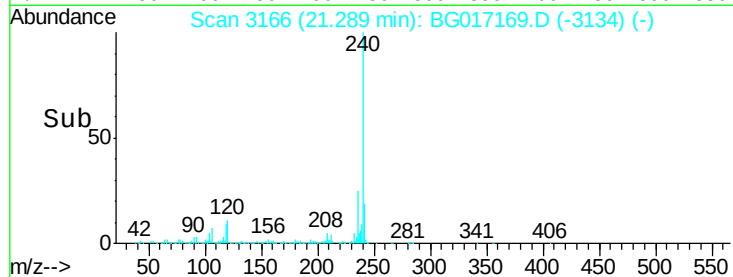
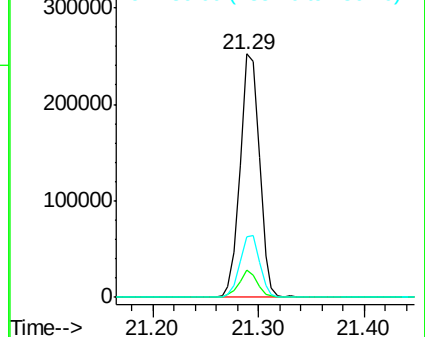
236 25.1 20.5 30.7



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: 75.01 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017169.D

Acq: 15 May 2015 9:34

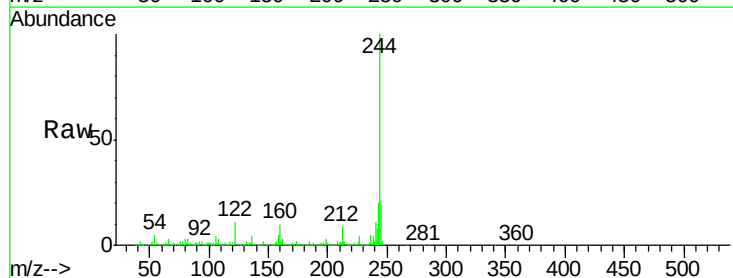
Tgt Ion:244 Resp: 1144356

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

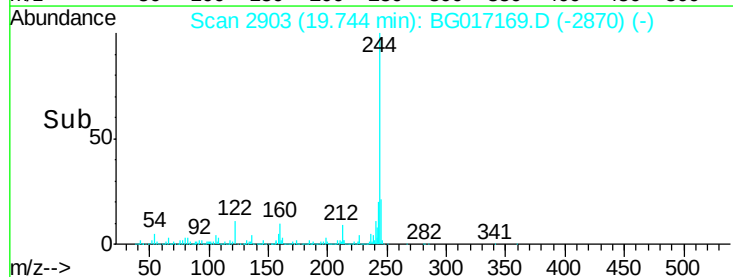
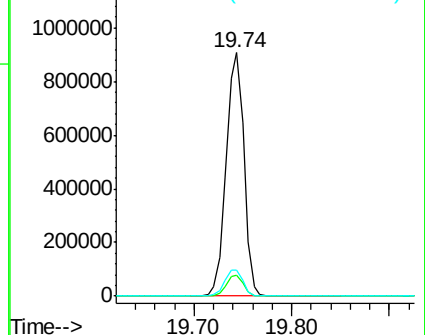
122 10.9 8.4 12.6

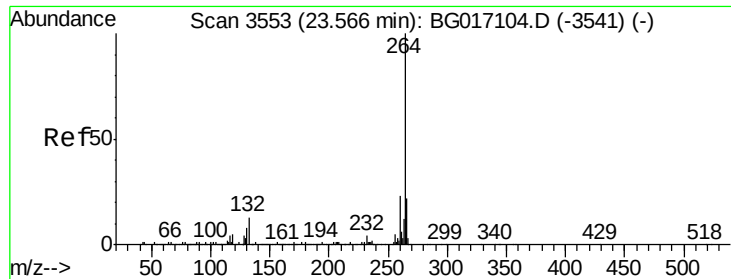


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG017169.D
Acq: 15 May 2015 9:34

Instrument :
BNA_G
ClientSampleId :
PS-30A(5-10)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.0	27.0
265	21.9	17.4	26.0

