

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023136.D
 Acq On : 16 Jul 2016 7:37
 Operator : UM/SJ
 Sample : H4017-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5-12

Quant Time: Jul 18 01:00:45 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

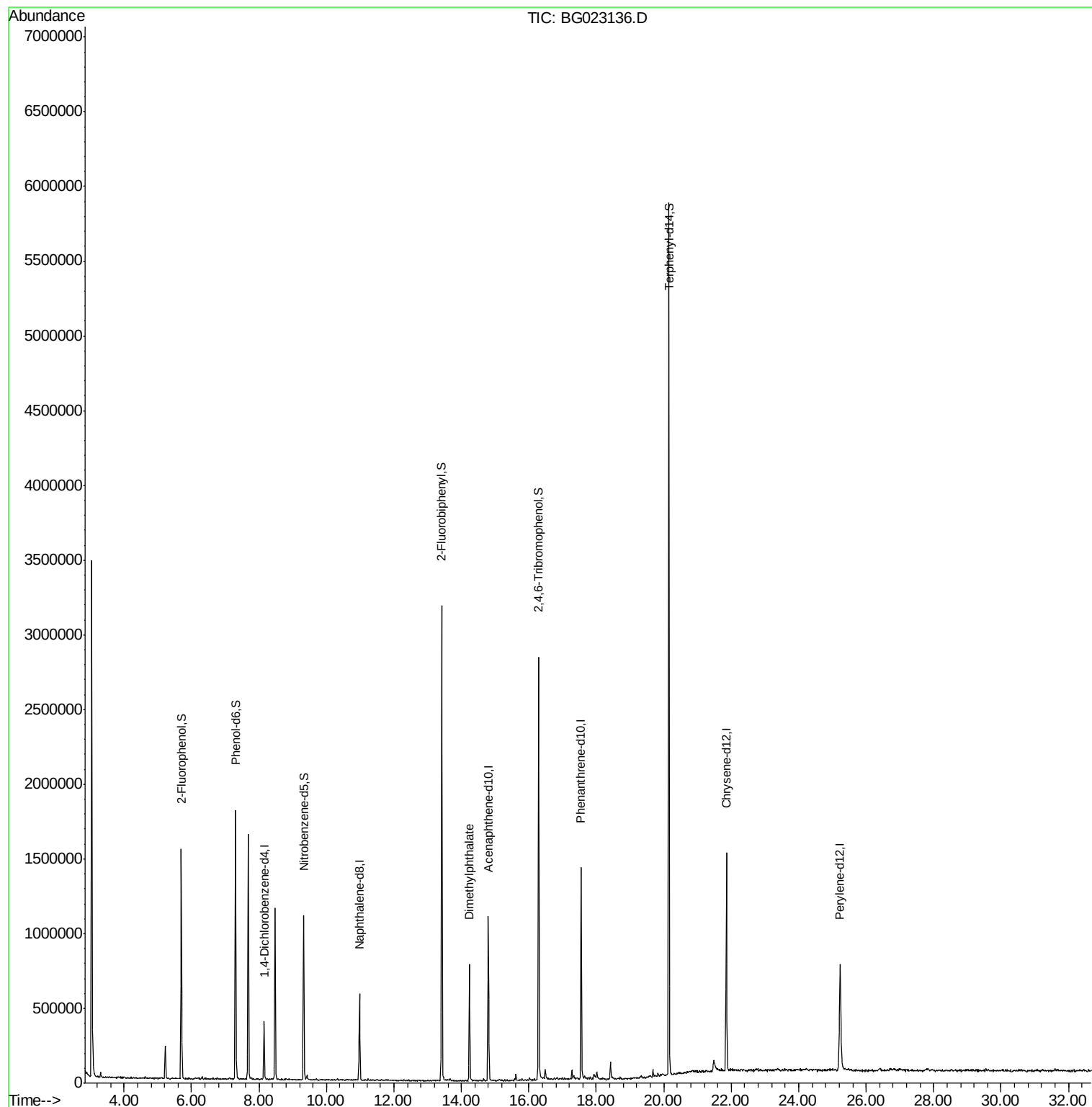
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	94182	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	457807	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	370805	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	859752	20.00	ng	0.00
75) Chrysene-d12	21.86	240	908717	20.00	ng	0.00
86) Perylene-d12	25.23	264	909705	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	616712	107.09	ng	0.00
7) Phenol-d6	7.30	99	1004145	111.33	ng	0.00
23) Nitrobenzene-d5	9.32	82	733794	68.63	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	519708	77.98	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1579096	67.08	ng	0.00
78) Terphenyl-d14	20.15	244	2213938	73.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	493652	16.30	ng	Qvalue 98

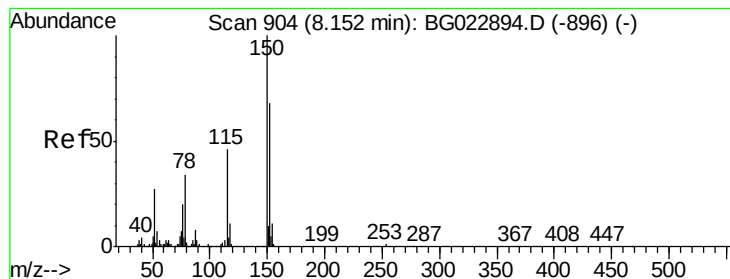
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 12 18:30:58 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023136.D

Acq: 16 Jul 2016 7:37

Instrument :

BNA_G

ClientSampleId :

C5-12

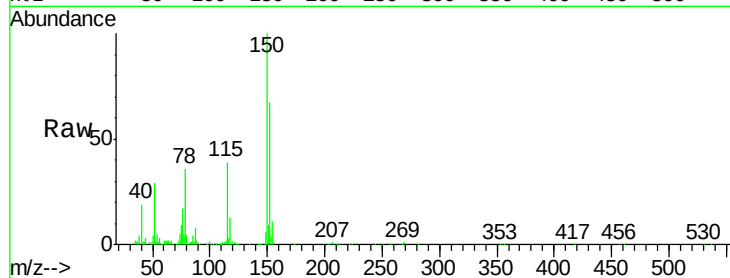
Tgt Ion:152 Resp: 94182

Ion Ratio Lower Upper

152 100

150 149.5 144.7 217.1

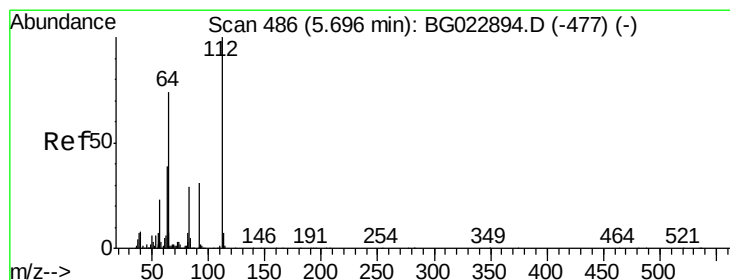
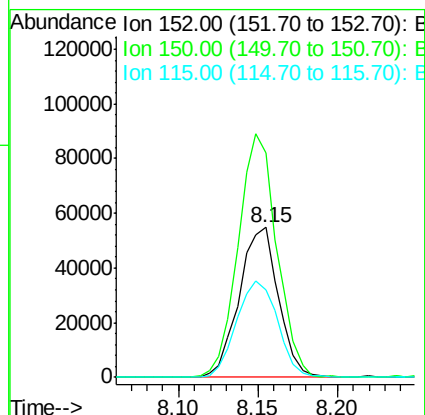
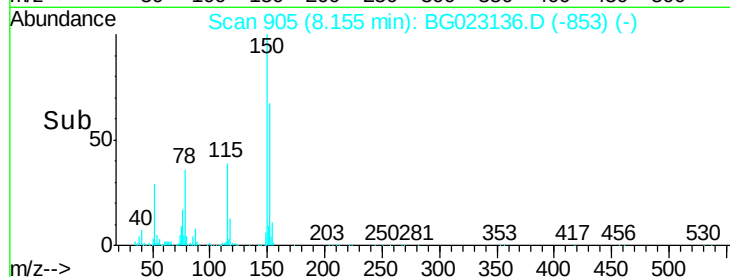
115 58.7 64.0 96.0#



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: 107.09 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG023136.D

Acq: 16 Jul 2016 7:37

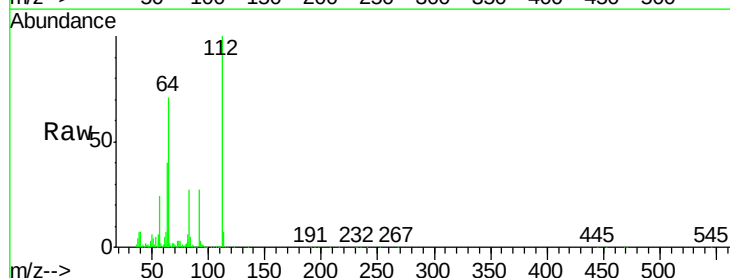
Tgt Ion:112 Resp: 616712

Ion Ratio Lower Upper

112 100

64 70.8 59.0 88.4

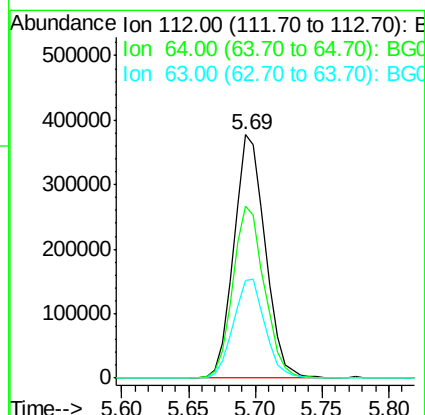
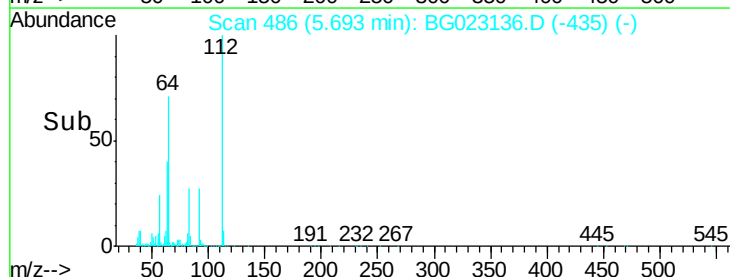
63 39.9 37.8 56.8

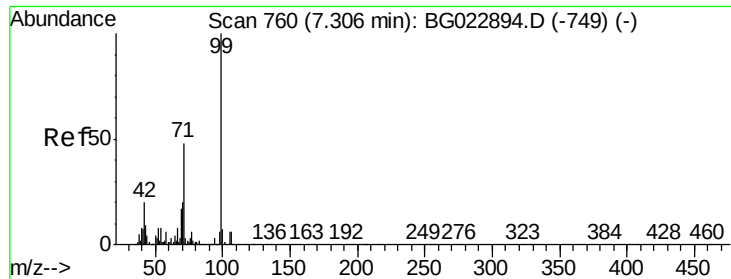


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 111.33 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023136.D

Acq: 16 Jul 2016 7:37

Instrument :

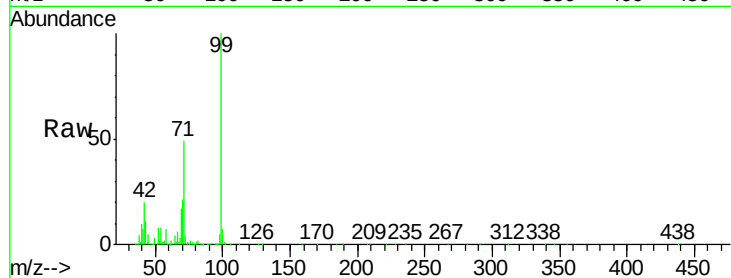
BNA_G

ClientSampleId :

C5-12

Tgt Ion: 99 Resp: 1004145

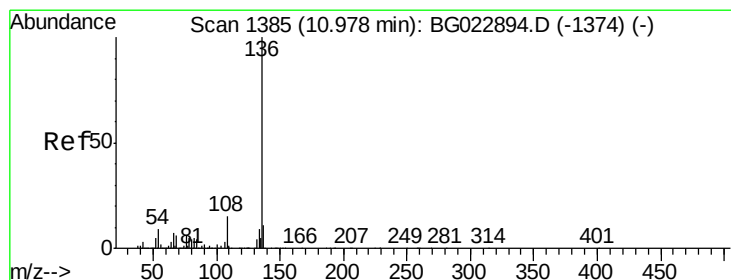
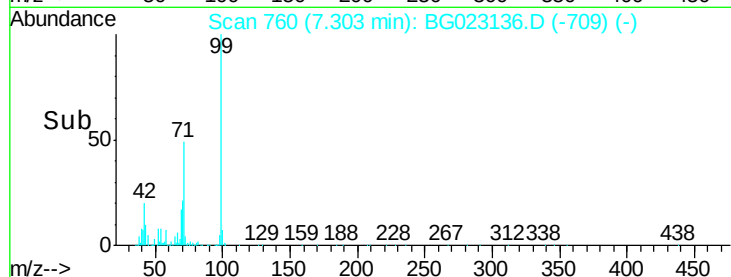
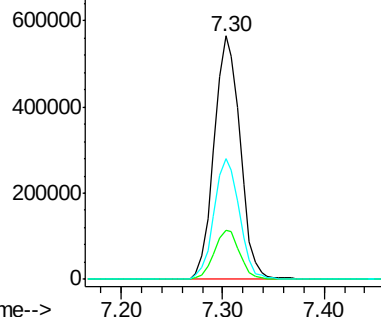
Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.8	26.6
71	49.5	41.5	62.3



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: 10.98 min Scan# 1386

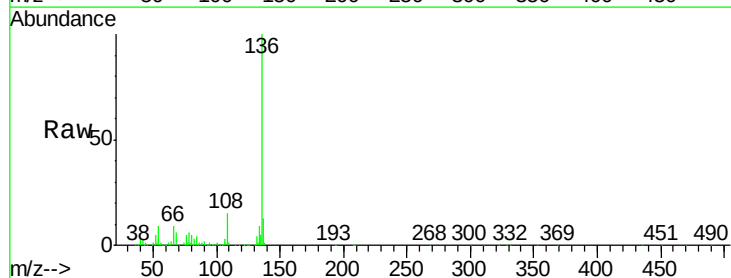
Delta R.T. 0.00 min

Lab File: BG023136.D

Acq: 16 Jul 2016 7:37

Tgt Ion: 136 Resp: 457807

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	9.2	7.3	10.9
68	5.9	5.3	7.9

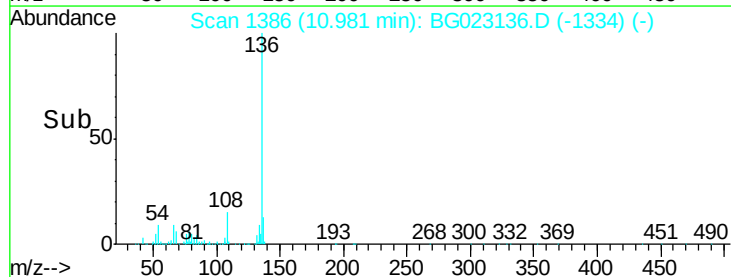
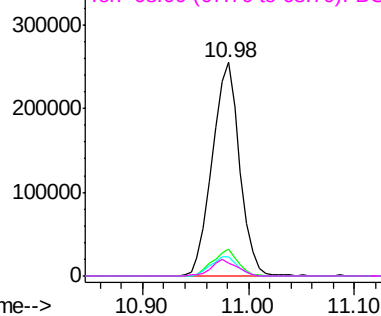


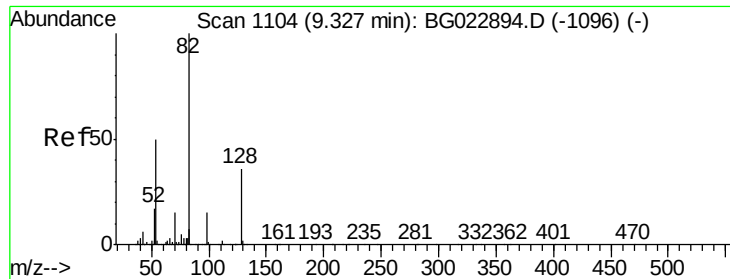
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

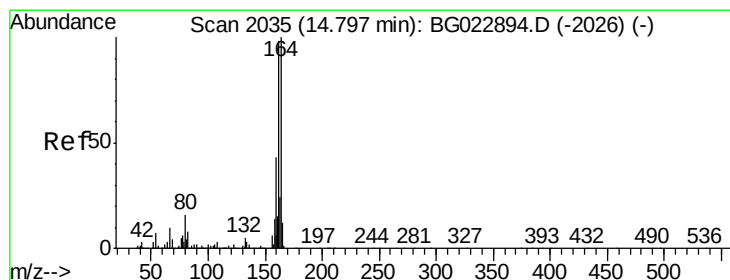
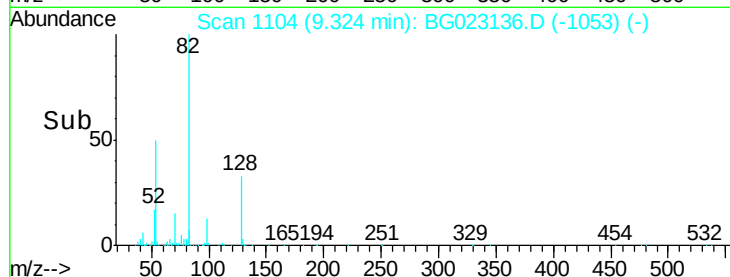
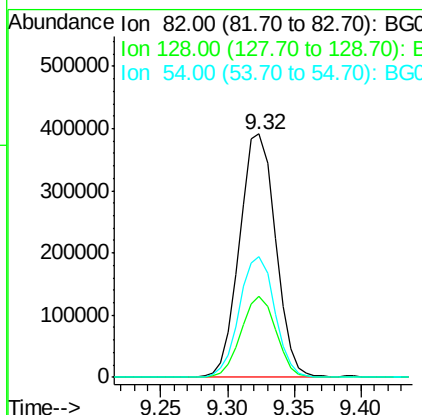
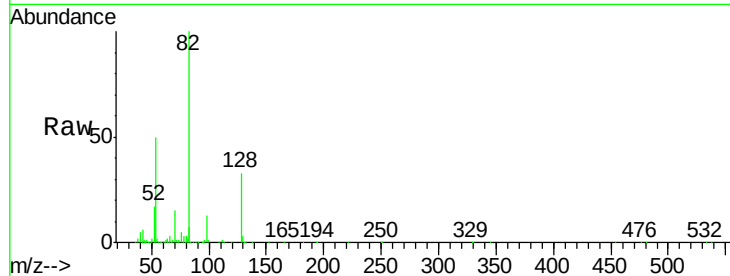




#23
 Nitrobenzene-d5
 Concen: 68.63 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023136.D
 Acq: 16 Jul 2016 7:37

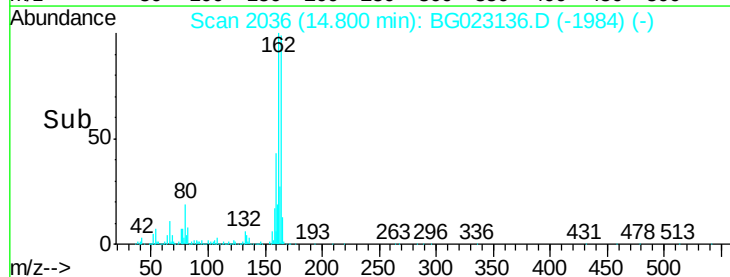
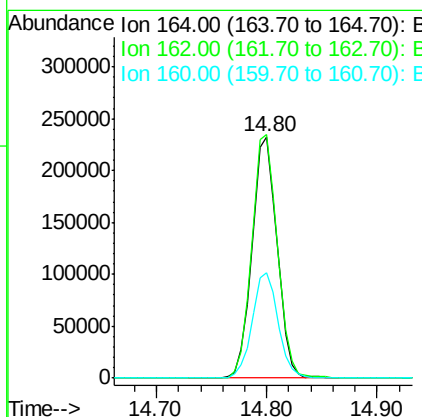
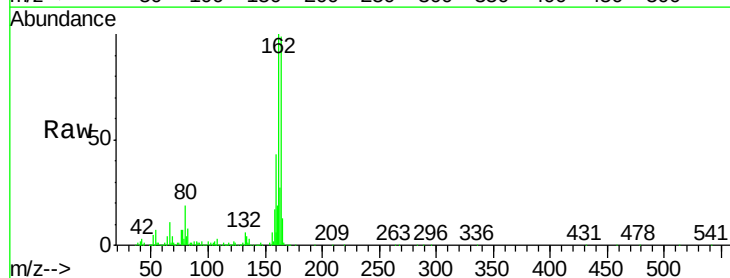
Instrument :
 BNA_G
 ClientSampleId :
 C5-12

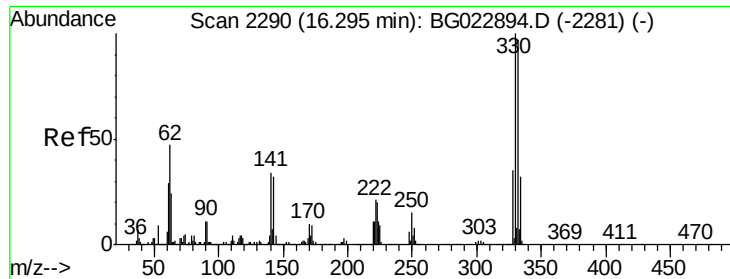
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.1	24.4	36.6
54	49.9	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023136.D
 Acq: 16 Jul 2016 7:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	87.7	131.5
160	43.7	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 77.98 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023136.D

Acq: 16 Jul 2016 7:37

Instrument :

BNA_G

ClientSampleId :

C5-12

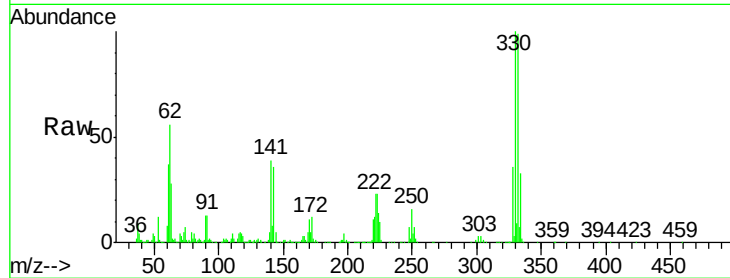
Tgt Ion:330 Resp: 519708

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

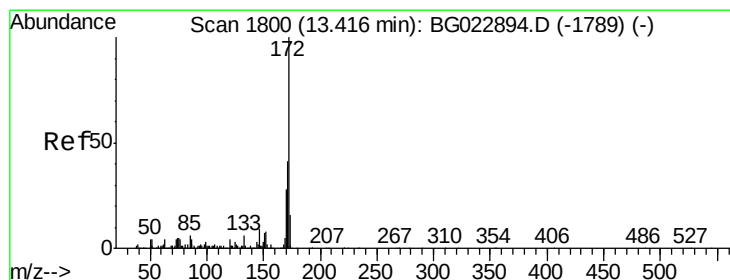
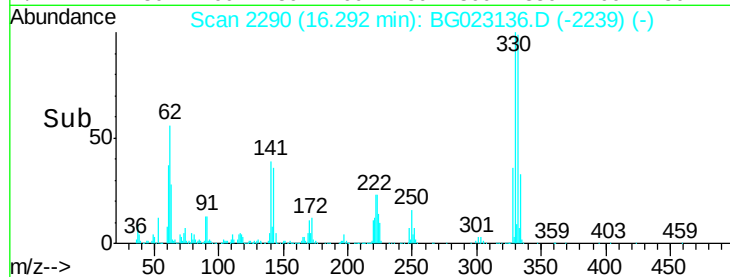
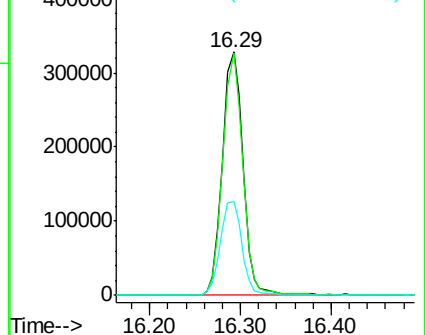
141 39.9 31.7 47.5



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: 67.08 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BG023136.D

Acq: 16 Jul 2016 7:37

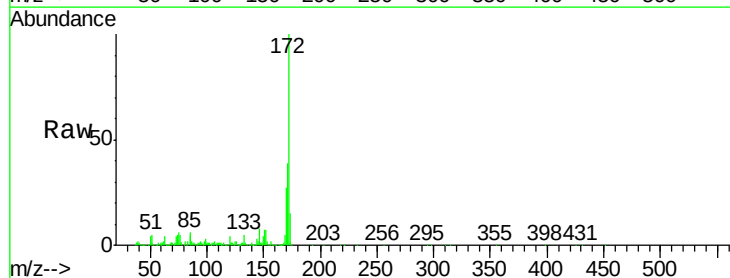
Tgt Ion:172 Resp: 1579096

Ion Ratio Lower Upper

172 100

171 39.2 31.6 47.4

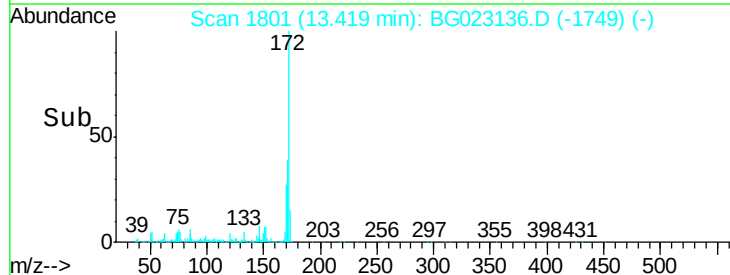
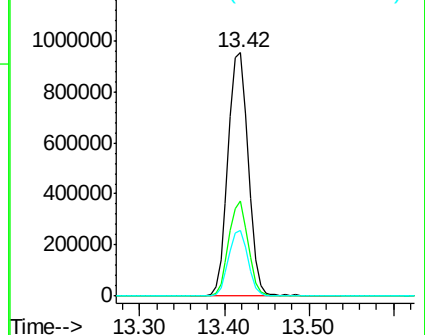
170 27.0 21.3 31.9

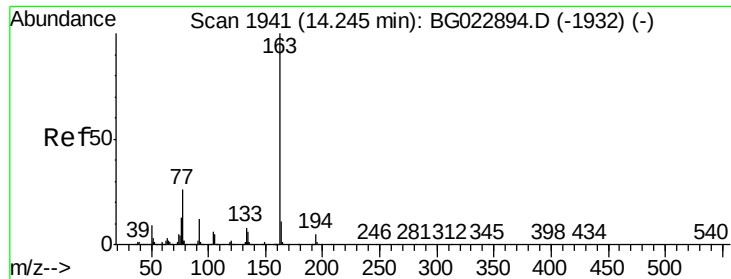


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 16.30 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023136.D

Acq: 16 Jul 2016 7:37

Instrument :

BNA_G

ClientSampleId :

C5-12

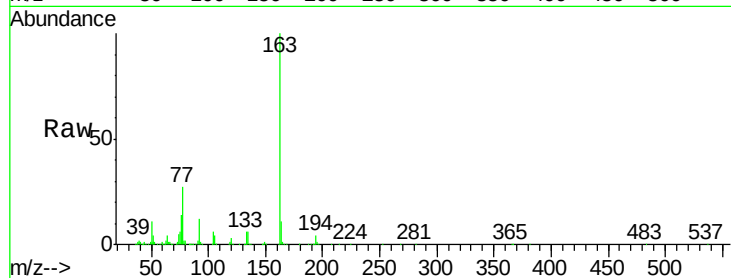
Tgt Ion:163 Resp: 493652

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

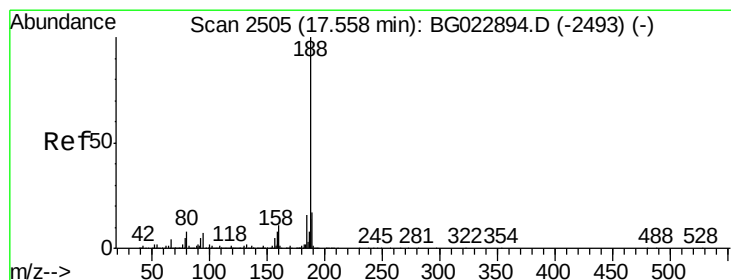
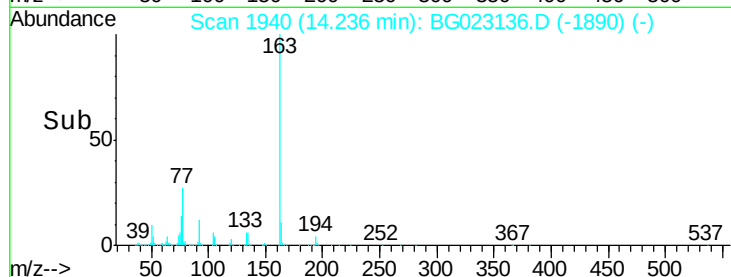
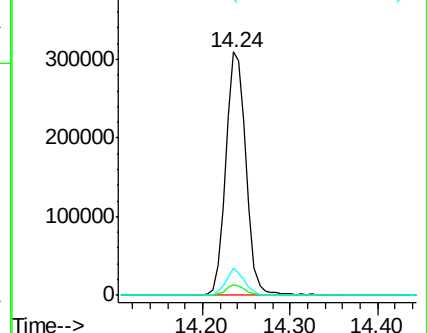
164 11.2 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023136.D

Acq: 16 Jul 2016 7:37

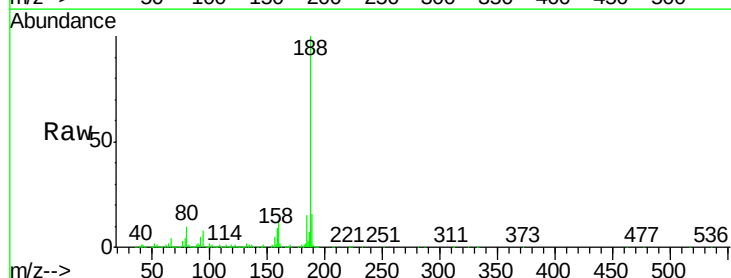
Tgt Ion:188 Resp: 859752

Ion Ratio Lower Upper

188 100

94 7.6 5.2 7.8

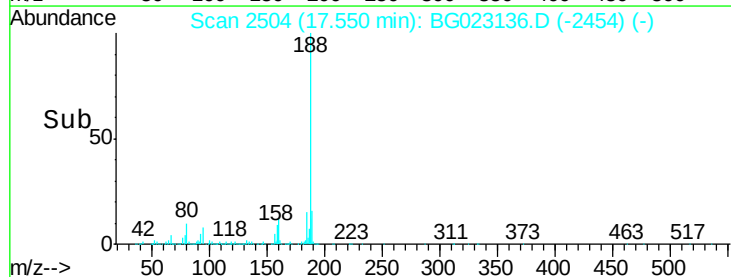
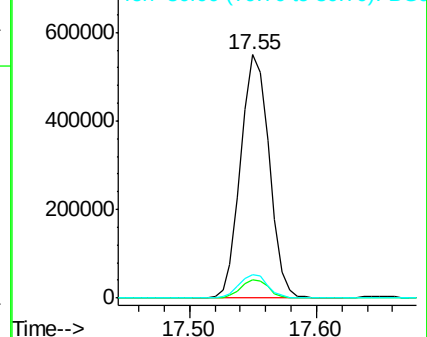
80 9.7 7.2 10.8

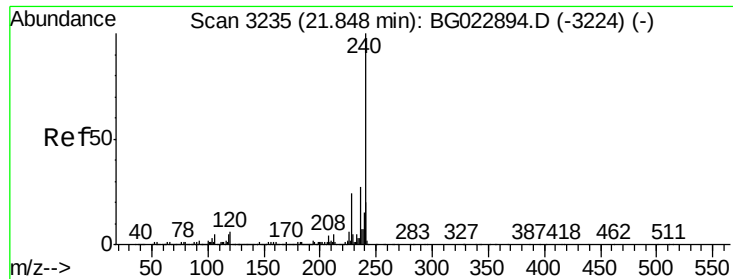


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023136.D

Acq: 16 Jul 2016 7:37

Instrument :

BNA_G

ClientSampleId :

C5-12

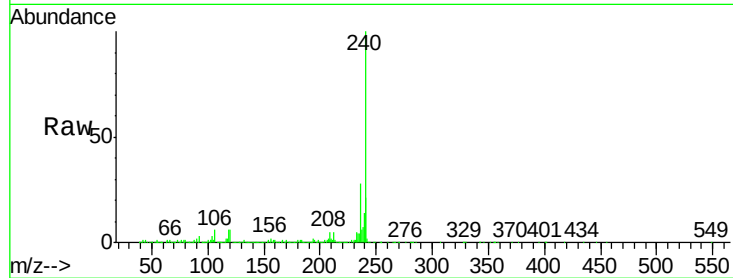
Tgt Ion:240 Resp: 908717

Ion Ratio Lower Upper

240 100

120 6.3 4.1 6.1#

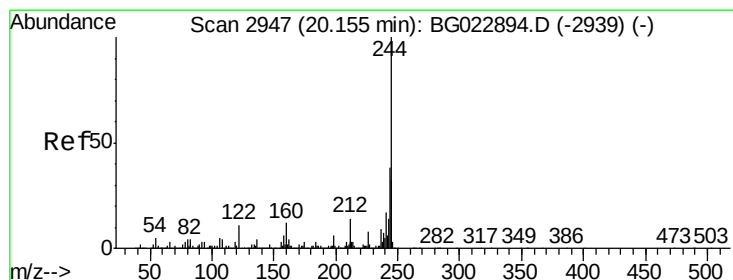
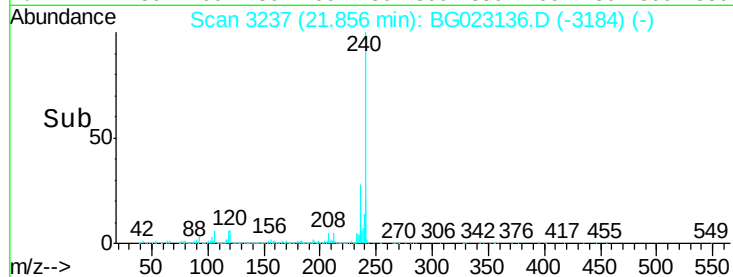
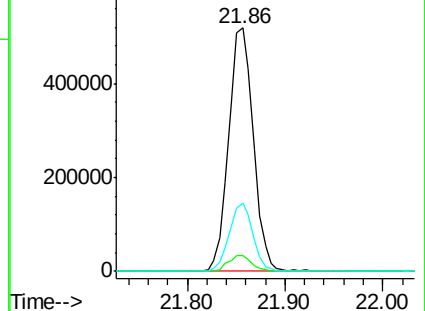
236 28.0 21.1 31.7



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: 73.32 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023136.D

Acq: 16 Jul 2016 7:37

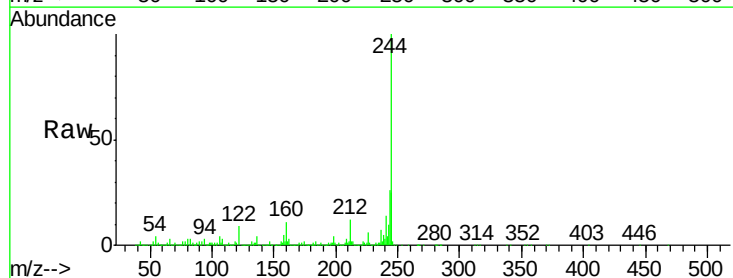
Tgt Ion:244 Resp: 2213938

Ion Ratio Lower Upper

244 100

212 12.1 10.8 16.2

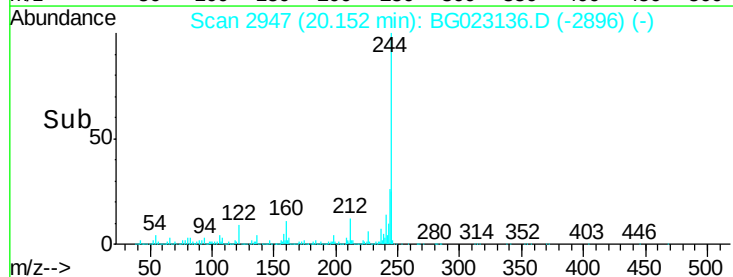
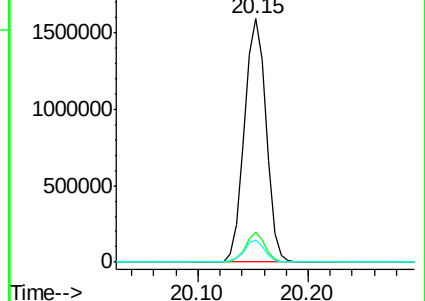
122 9.3 8.0 12.0

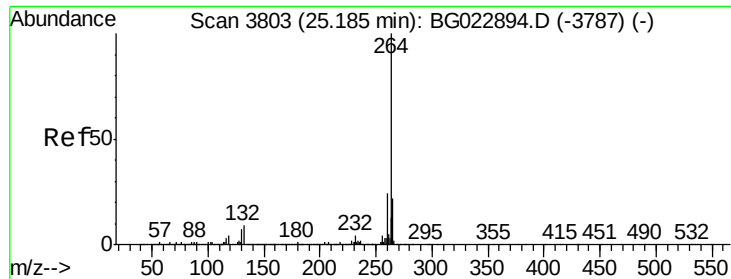


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.23 min Scan# 3811
Delta R.T. 0.04 min
Lab File: BG023136.D
Acq: 16 Jul 2016 7:37

Instrument :
BNA_G
ClientSampleId :
C5-12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.4	27.6
265	22.9	18.9	28.3

