

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

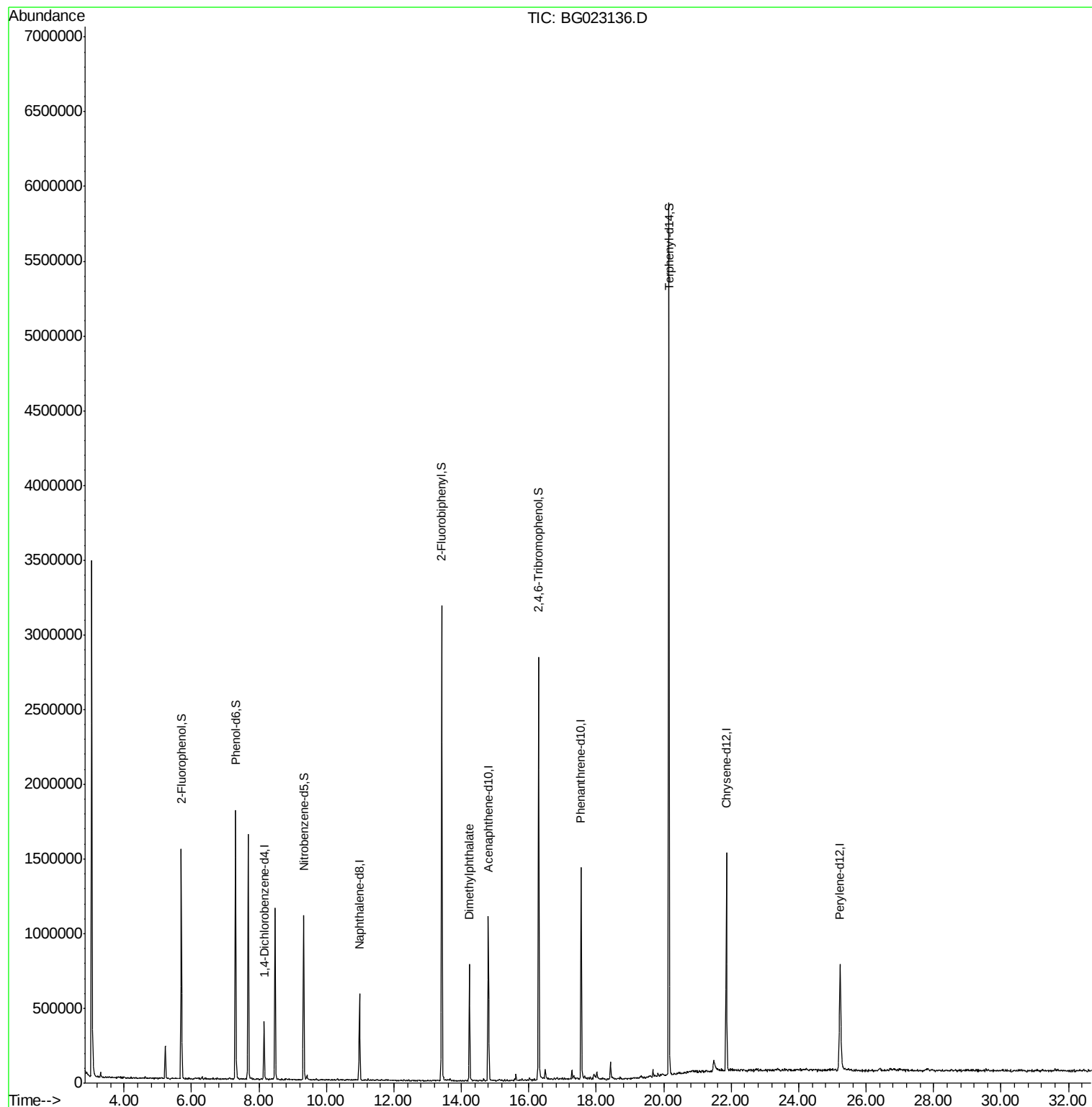
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	94182	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	457807	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	370805	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	859752	20.00	ng	0.00
75) Chrysene-d12	21.86	240	908717	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

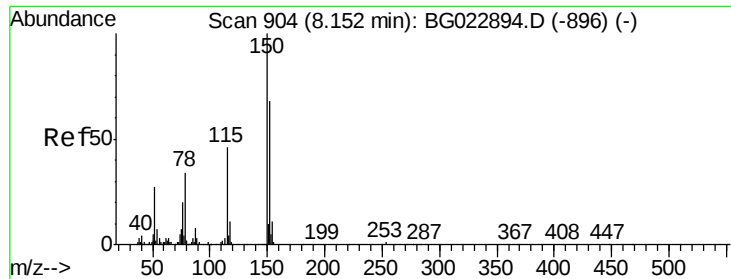
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration





#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

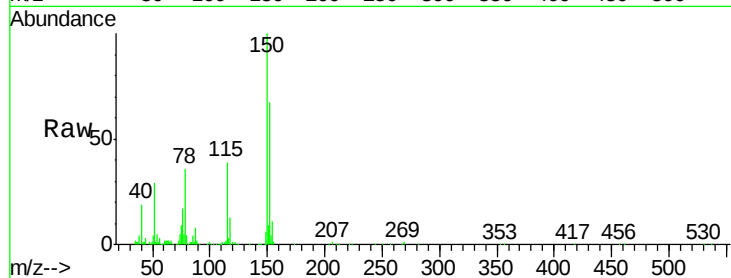
Tgt Ion:152 Resp: 94182

Ion Ratio Lower Upper

152 100

150 149.5 144.7 217.1

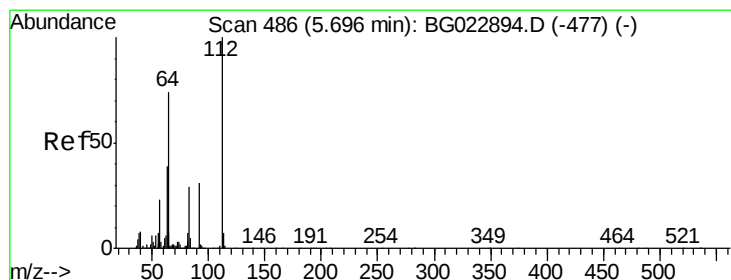
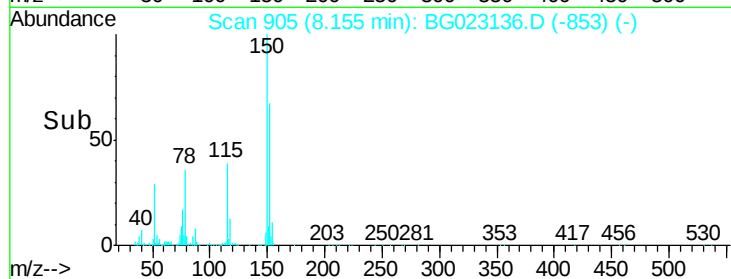
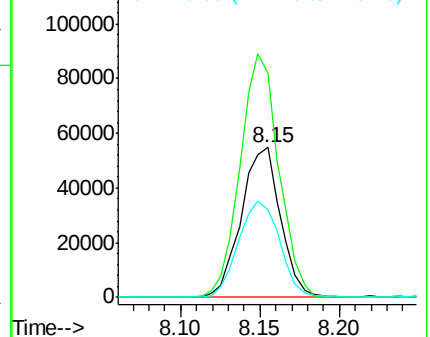
115 58.7 64.0 96.0#



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

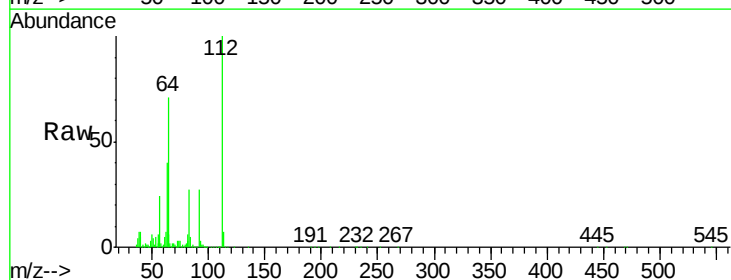
Tgt Ion:112 Resp: 616712

Ion Ratio Lower Upper

112 100

64 70.8 59.0 88.4

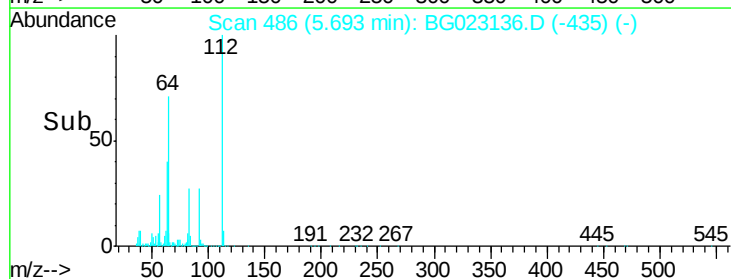
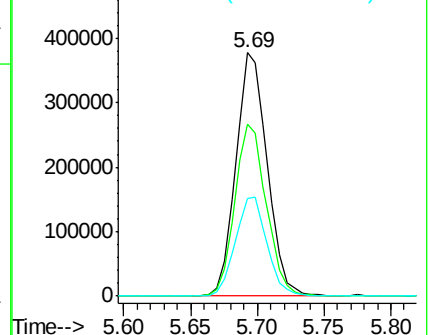
63 39.9 37.8 56.8

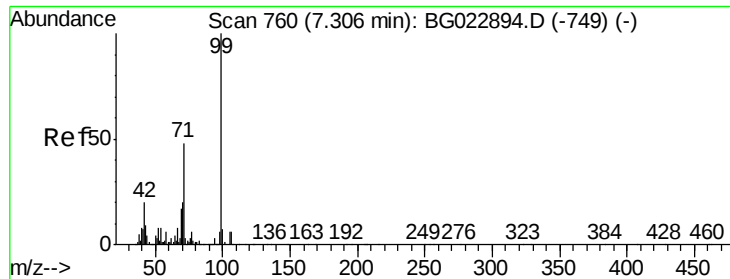


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#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

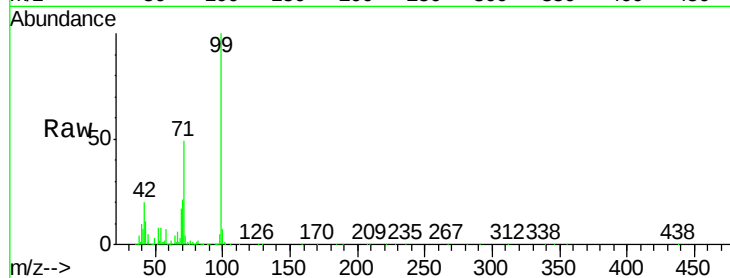
Tgt Ion: 99 Resp: 1004145

Ion Ratio Lower Upper

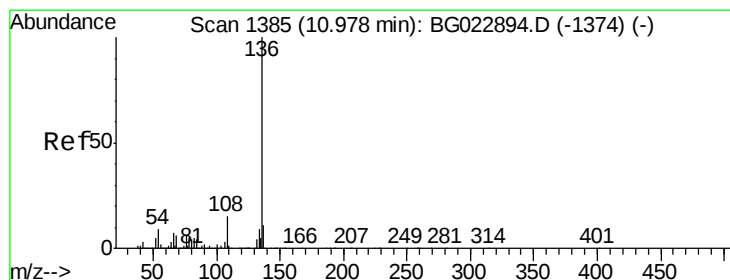
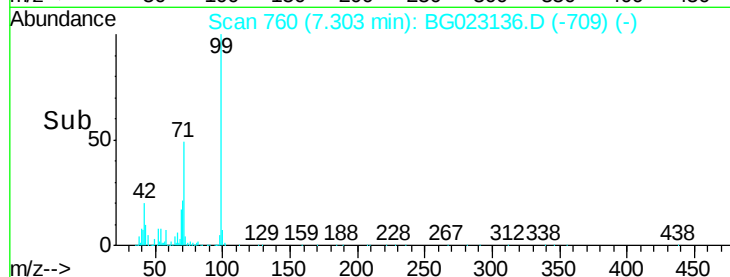
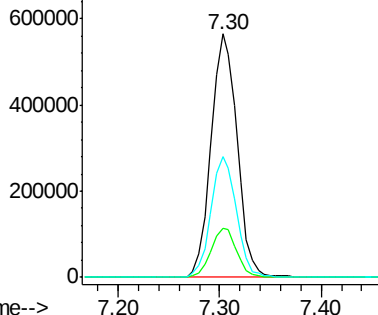
99 100

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

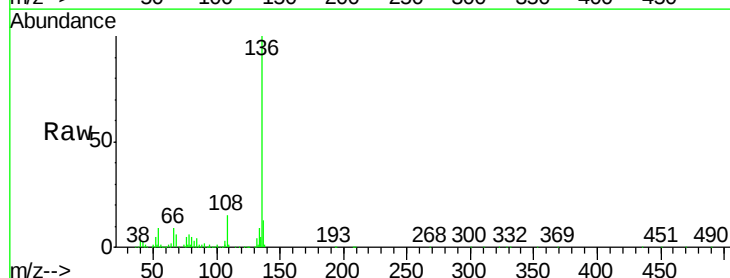
Ion Ratio Lower Upper

136 100

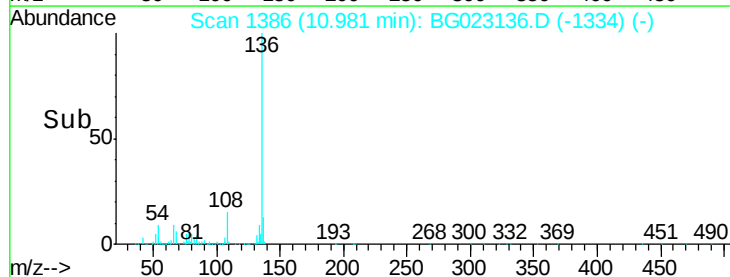
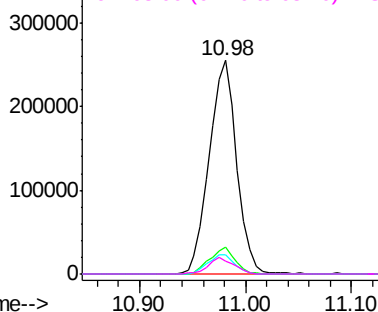
137 12.5 9.6 14.4

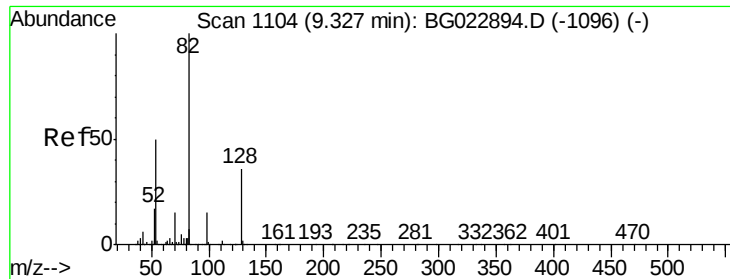
54 9.2 7.3 10.9

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

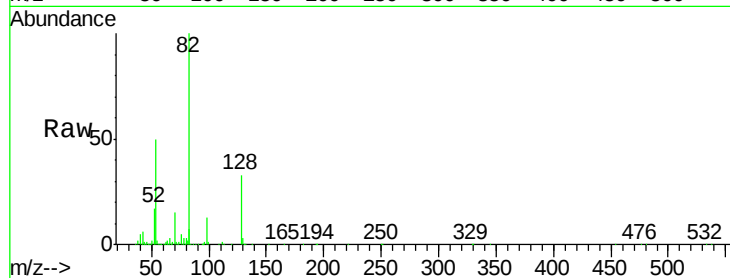
Tgt Ion: 82 Resp: 733794

Ion Ratio Lower Upper

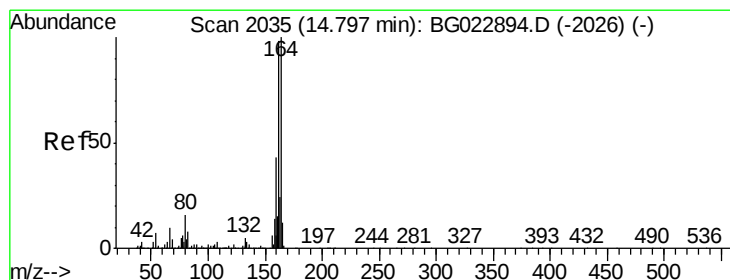
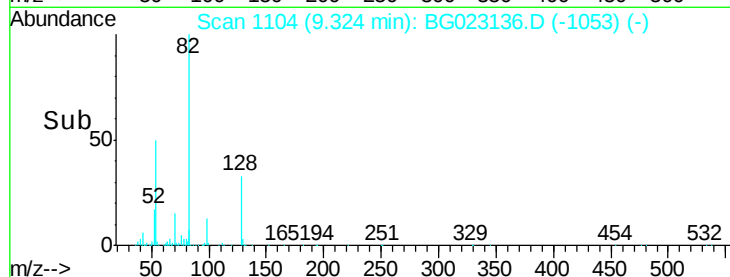
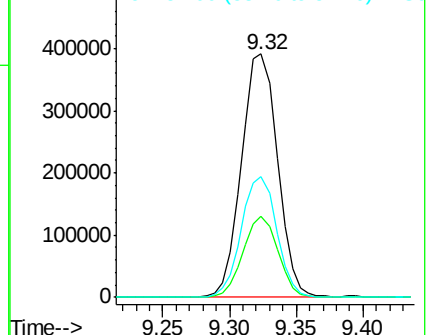
82 100

128 33.1 24.4 36.6

54 49.9 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#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

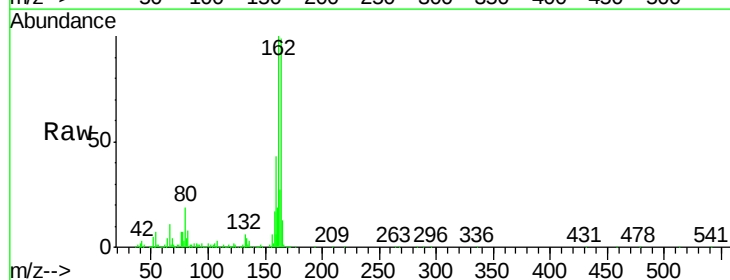
Tgt Ion: 164 Resp: 370805

Ion Ratio Lower Upper

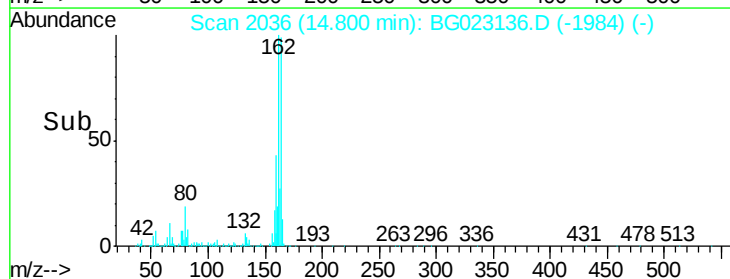
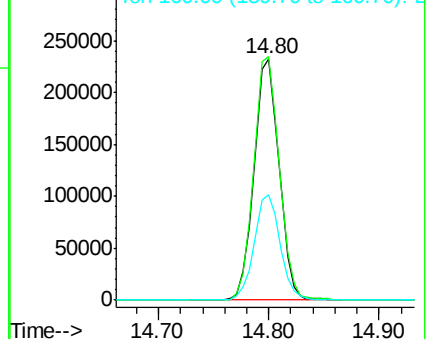
164 100

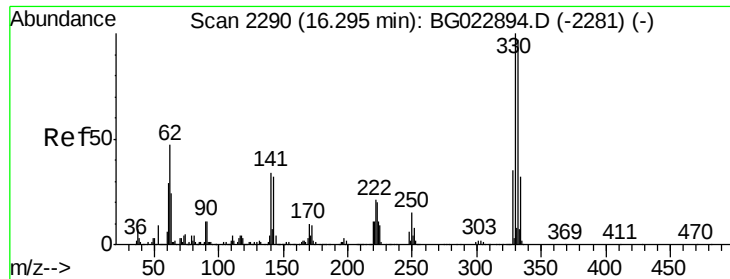
162 100.9 87.7 131.5

160 43.7 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#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

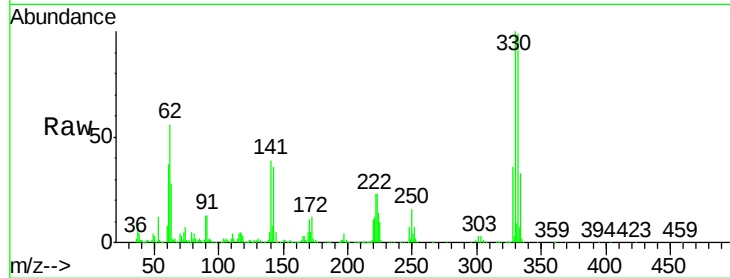
Tgt Ion:330 Resp: 519708

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

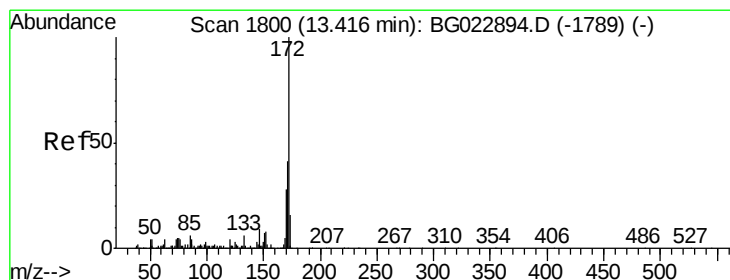
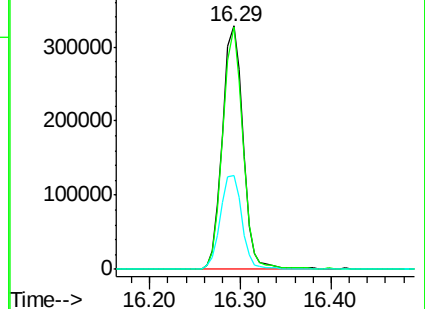
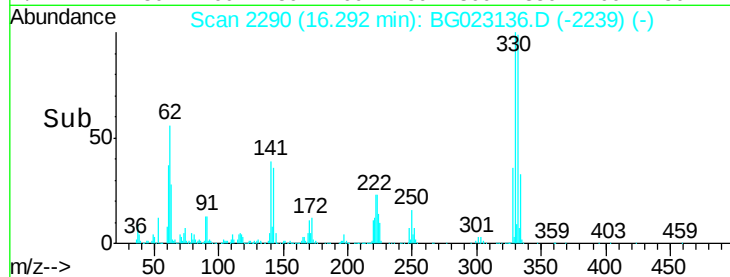
141 39.9 31.7 47.5



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

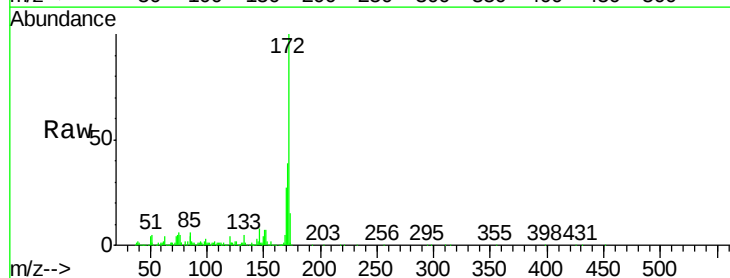
Tgt Ion:172 Resp: 1579096

Ion Ratio Lower Upper

172 100

171 39.2 31.6 47.4

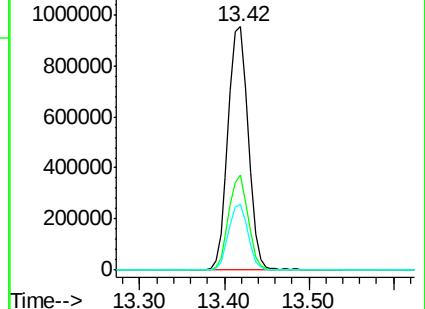
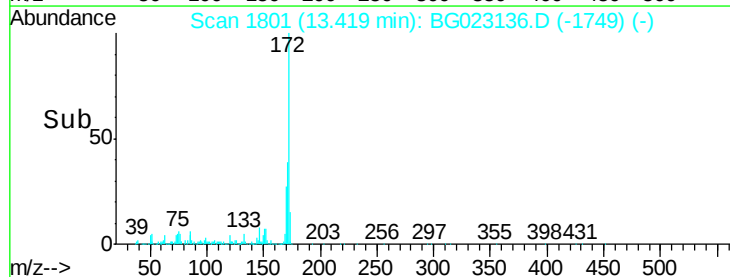
170 27.0 21.3 31.9

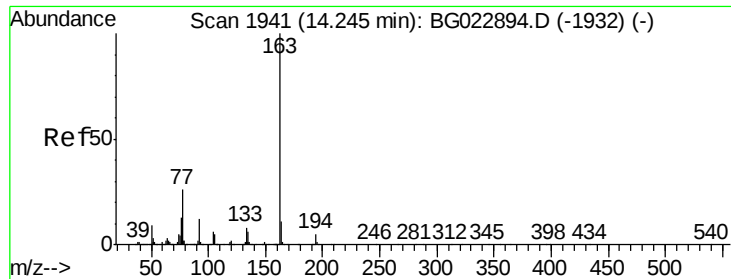


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

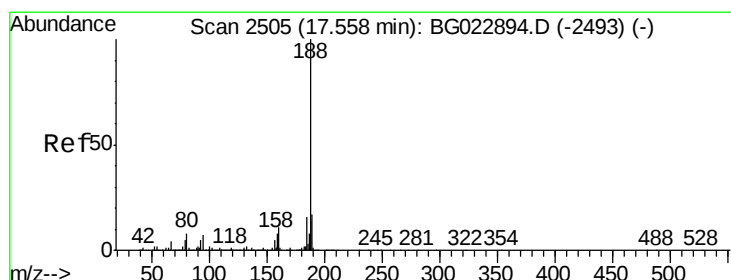
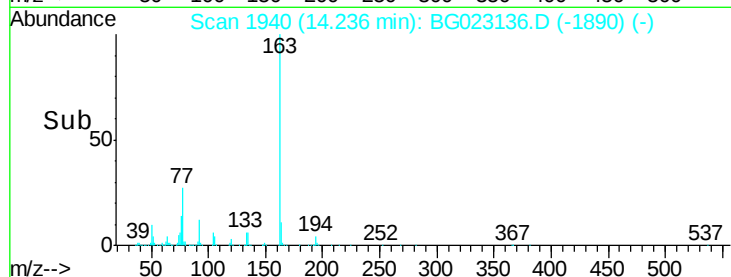
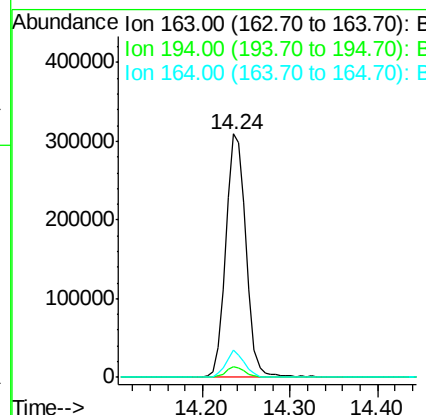
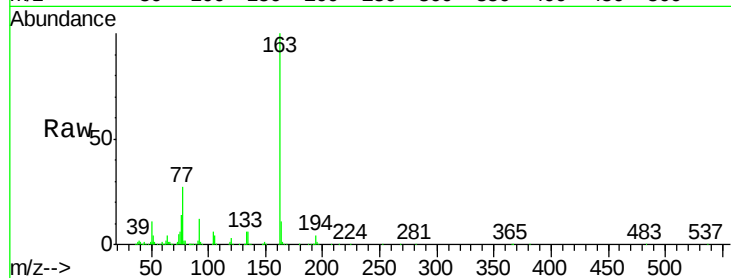




#49
Dimethylphthalate
Concen: 16.30 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023136.D
Acq: 16 Jul 2016 7:37

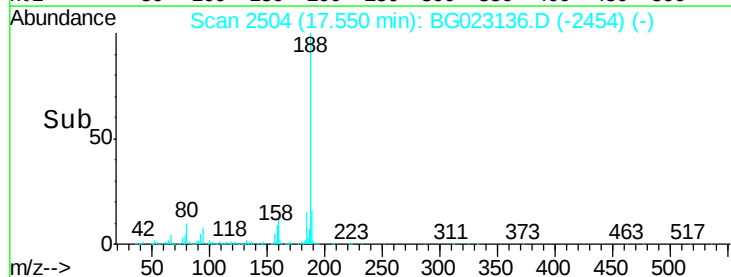
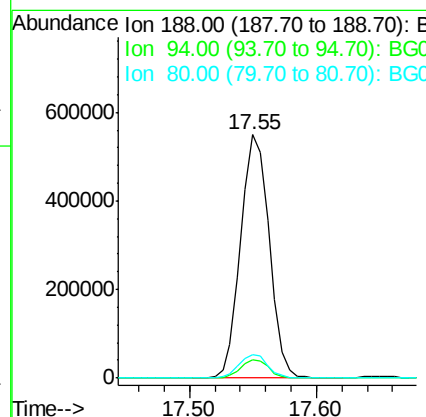
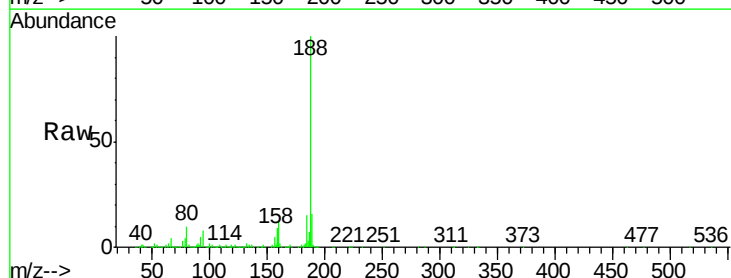
Instrument :
BNA_G
ClientSampleId :
C5-12

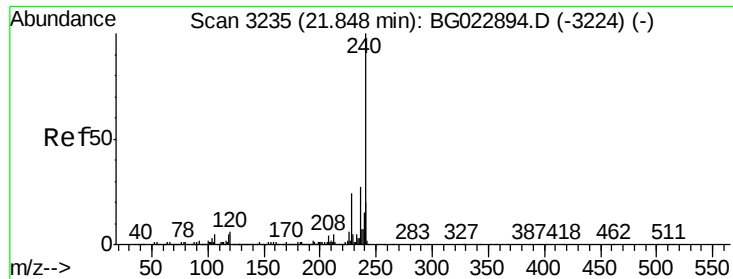
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	11.2	8.1	12.1



#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	Ratio	Lower	Upper
188	100		
94	7.6	5.2	7.8
80	9.7	7.2	10.8





#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

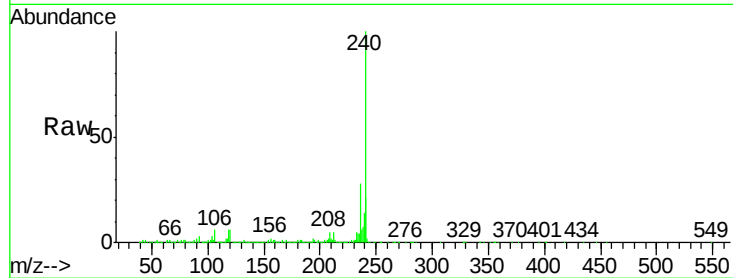
Tgt Ion:240 Resp: 908717

Ion Ratio Lower Upper

240 100

120 6.3 4.1 6.1#

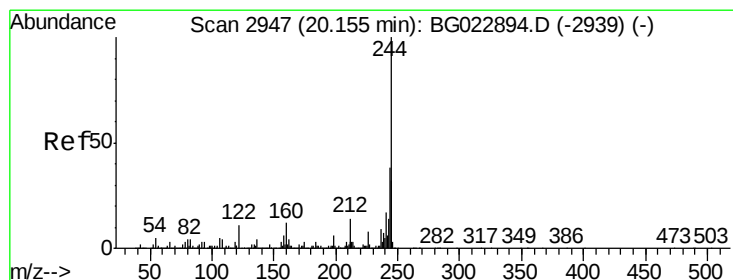
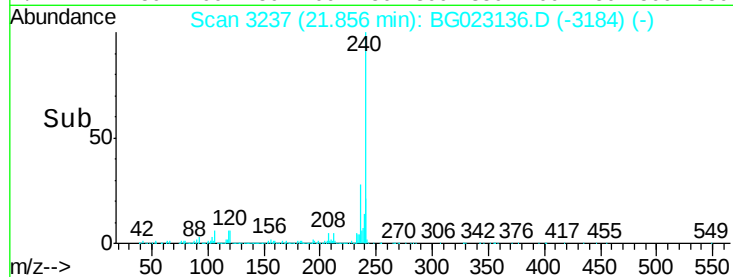
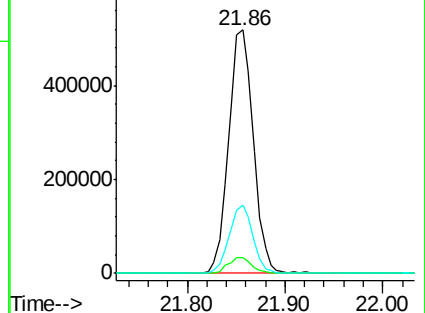
236 28.0 21.1 31.7



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

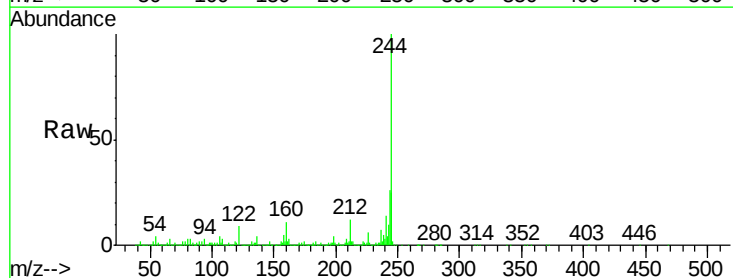
Tgt Ion:244 Resp: 2213938

Ion Ratio Lower Upper

244 100

212 12.1 10.8 16.2

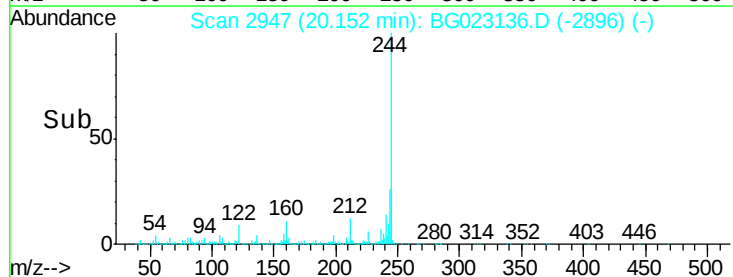
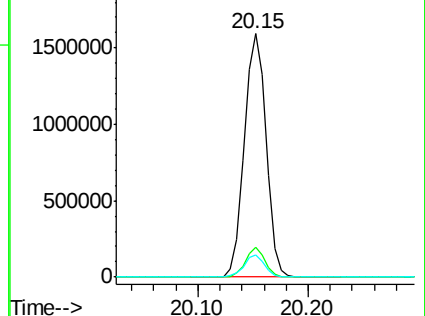
122 9.3 8.0 12.0

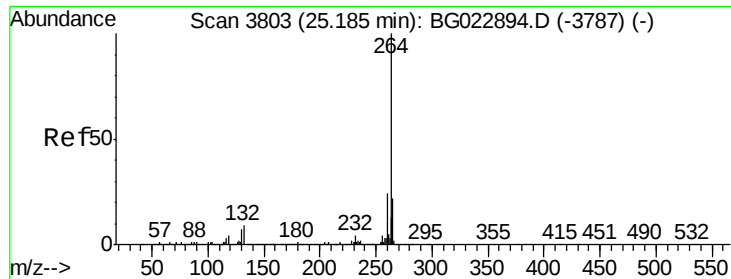


Abundance Ion 244.00 (243.70 to 244.70): E

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

