

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
 Data File : BG017631.D
 Acq On : 12 Jun 2015 6:23
 Operator : TP/IZ
 Sample : G2608-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

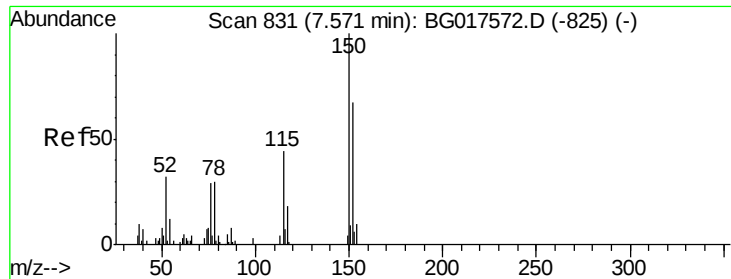
Instrument :
 BNA_G
 ClientSampleId :
 WC-WOOD-SP01-01

Quant Time: Jun 12 07:16:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 01:16:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	25826	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	104419	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	77290	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	210416	20.00	ng	0.00
75) Chrysene-d12	21.16	240	269337	20.00	ng	0.00
86) Perylene-d12	23.36	264	239868	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	173860	118.60	ng	0.00
7) Phenol-d6	6.74	99	205303	102.80	ng	0.00
23) Nitrobenzene-d5	8.70	82	179329	85.73	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	134245	125.05	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	422442	82.45	ng	0.00
78) Terphenyl-d14	19.60	244	929025	71.29	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	9497	7.01	ng	92
28) bis(2-Chloroethoxy)methane	9.74	93	5145	2.57	ng	# 1
32) Benzoic acid	9.70	122	11419	11.03	ng	89
53) 2,4-Dinitrophenol	14.22	184	54	7.07	ng	# 1
69) Pentachlorophenol	16.64	266	206	5.62	ng	# 22

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

```
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ALS Vial  : 28    Sample Multiplier: 1
```

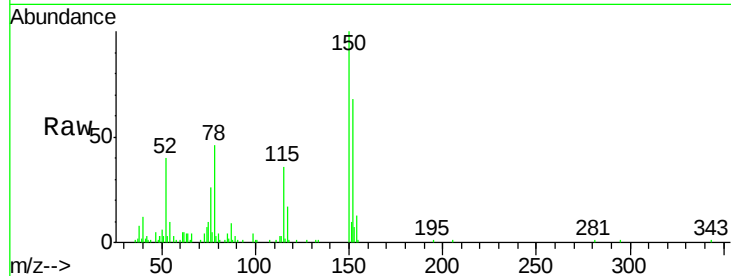


#1

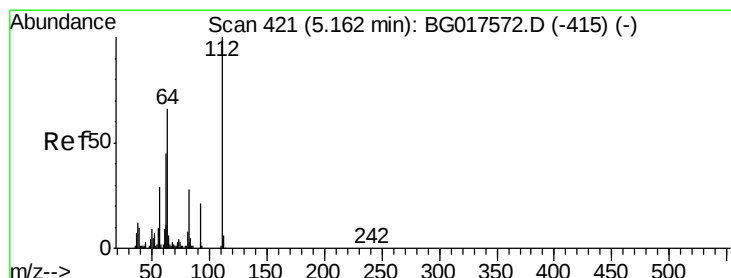
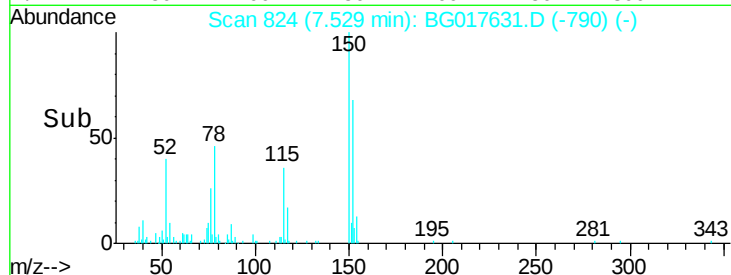
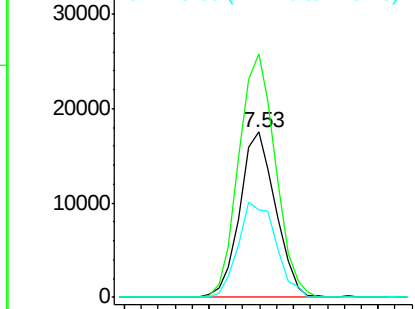
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG017631.D
Acq: 12 Jun 2015 6:23

Instrument :
BNA_G
ClientSampleId :
WC-WOOD-SP01-01

Tgt Ion:152 Resp: 25826
Ion Ratio Lower Upper
152 100
150 147.2 121.7 182.5
115 53.2 48.6 73.0



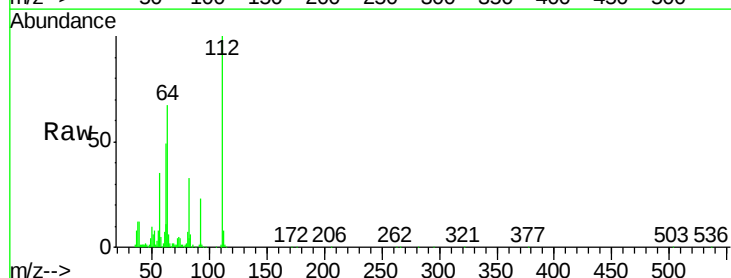
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



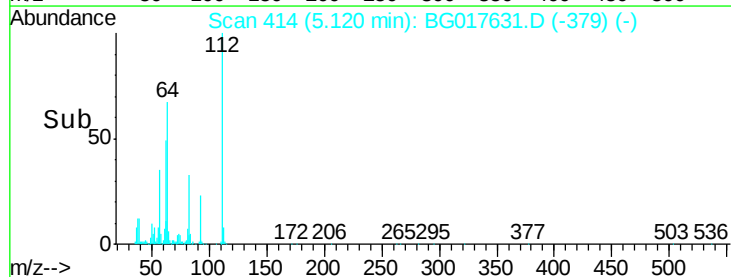
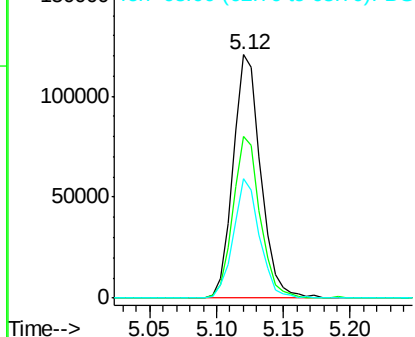
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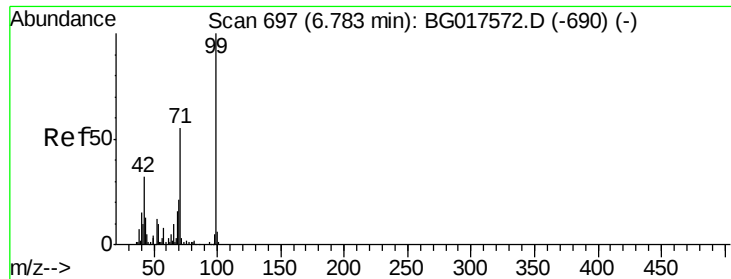
2-Fluorophenol
Concen: 118.60 ng
RT: 5.12 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG017631.D
Acq: 12 Jun 2015 6:23

Tgt Ion:112 Resp: 173860
Ion Ratio Lower Upper
112 100
64 66.7 51.6 77.4
63 48.9 33.3 49.9



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: 102.80 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG017631.D

Acq: 12 Jun 2015 6:23

Instrument :

BNA_G

ClientSampleId :

WC-WOOD-SP01-01

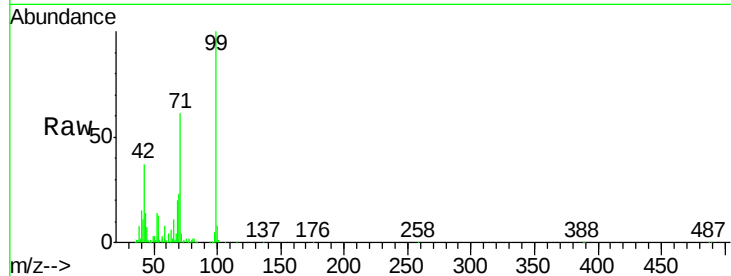
Tgt Ion: 99 Resp: 205303

Ion Ratio Lower Upper

99 100

42 36.9 21.0 31.6#

71 61.1 37.2 55.8#



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

150000

100000

50000

0

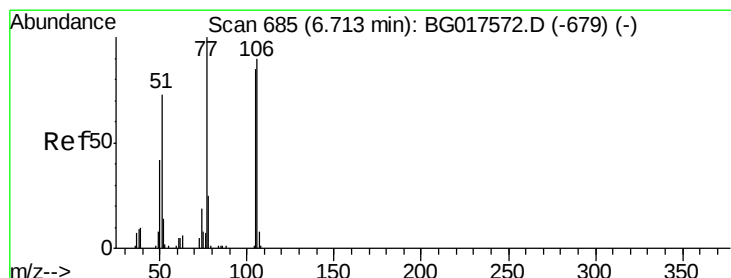
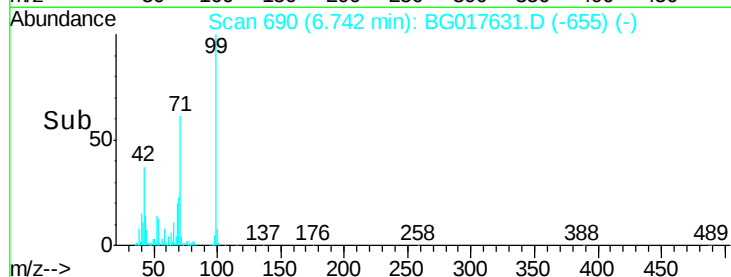
6.74

6.70

6.75

6.80

Time-->



#9

Benzaldehyde

Concen: 7.01 ng

RT: 6.67 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG017631.D

Acq: 12 Jun 2015 6:23

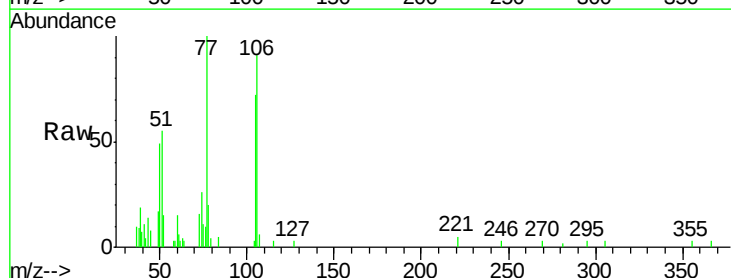
Tgt Ion: 77 Resp: 9497

Ion Ratio Lower Upper

77 100

105 72.2 64.0 104.0

106 91.0 67.2 107.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

8000

6000

4000

2000

0

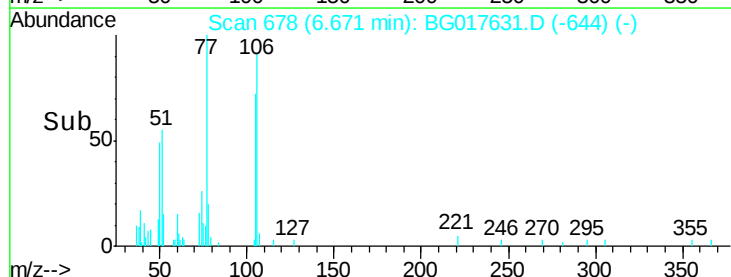
6.67

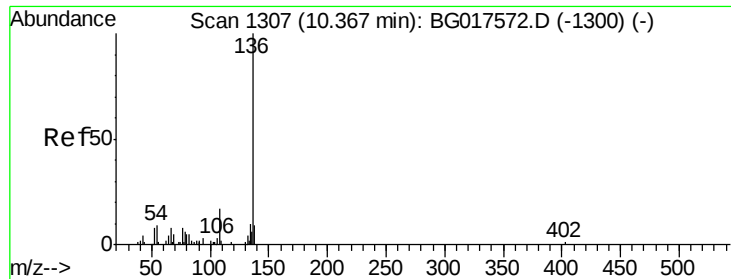
6.60

6.65

6.70

Time-->

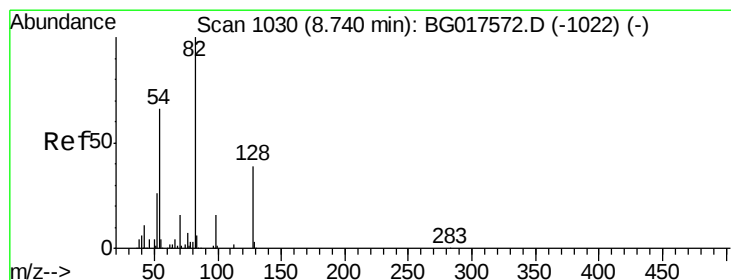
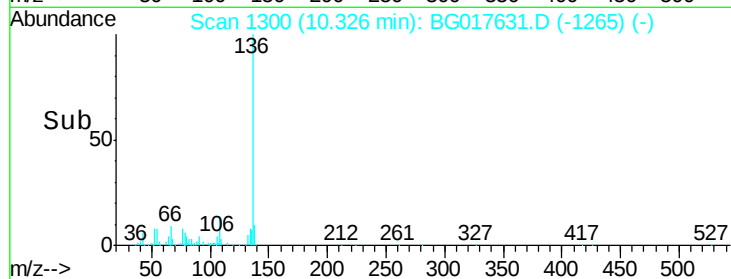
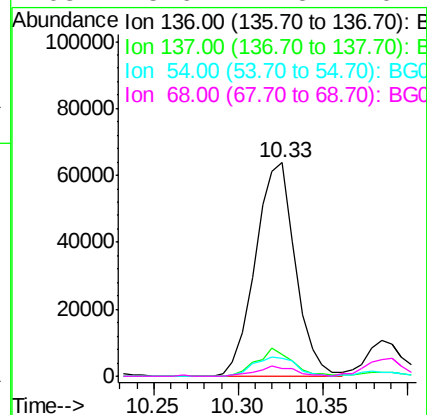
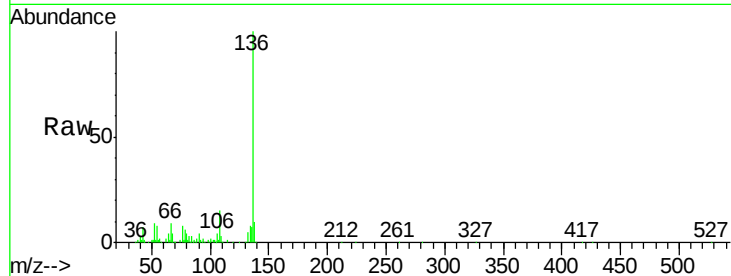




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.33 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG017631.D
Acq: 12 Jun 2015 6:23

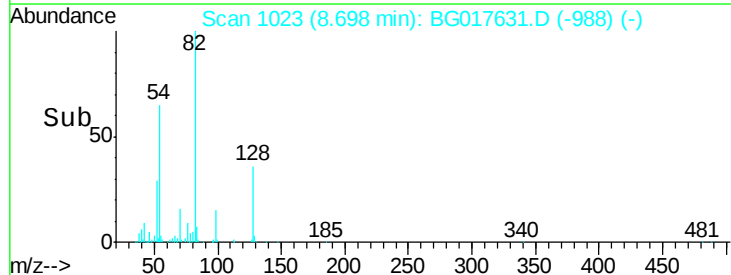
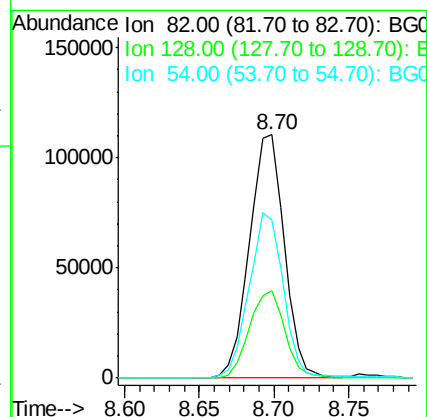
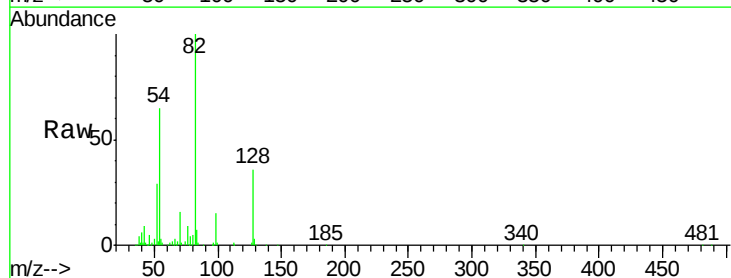
Instrument :
BNA_G
ClientSampleId :
WC-WOOD-SP01-01

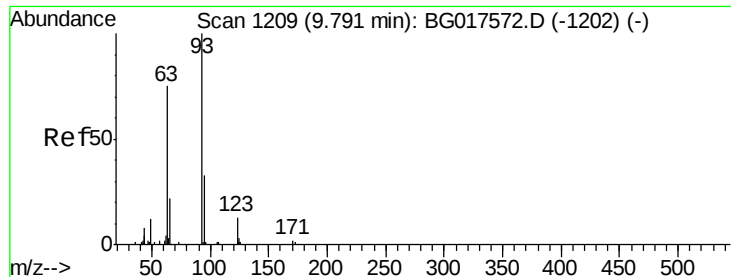
Tgt Ion:	136	Resp:	104419
Ion	Ratio	Lower	Upper
136	100		
137	10.4	7.9	11.9
54	8.2	7.2	10.8
68	3.6	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 85.73 ng
RT: 8.70 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BG017631.D
Acq: 12 Jun 2015 6:23

Tgt Ion:	82	Resp:	179329
Ion	Ratio	Lower	Upper
82	100		
128	35.7	32.2	48.4
54	64.7	47.4	71.2

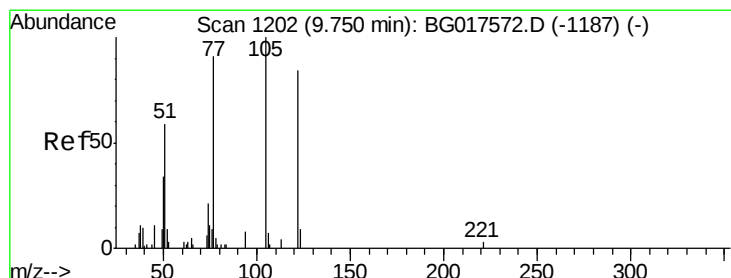
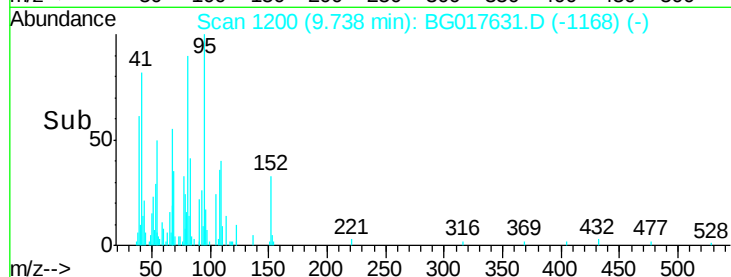
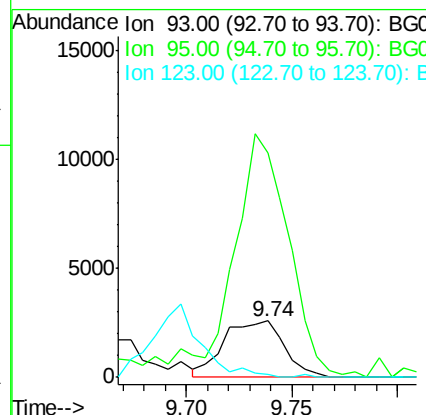
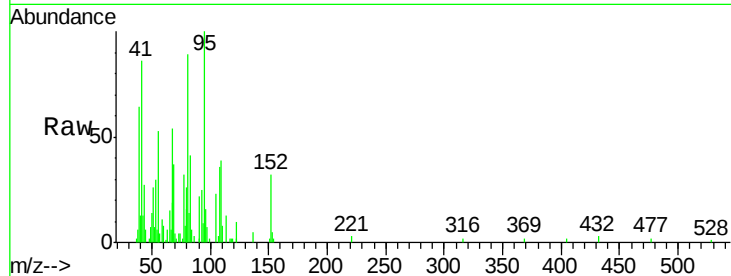




#28
bis(2-Chloroethoxy)methane
Concen: 2.57 ng
RT: 9.74 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG017631.D
Acq: 12 Jun 2015 6:23

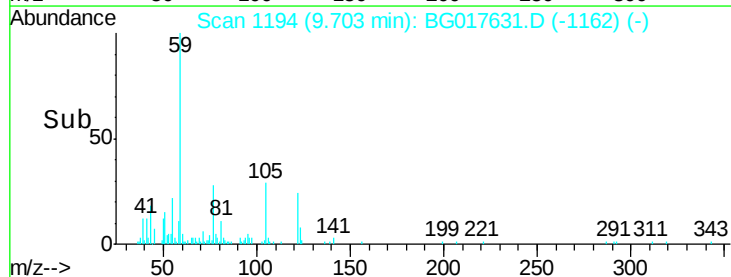
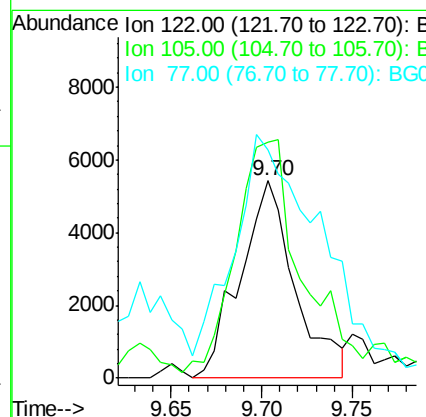
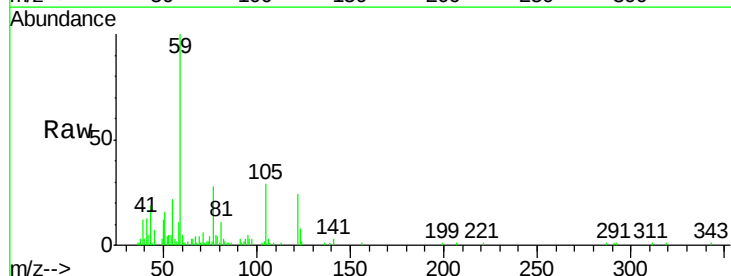
Instrument :
BNA_G
ClientSampleId :
WC-WOOD-SP01-01

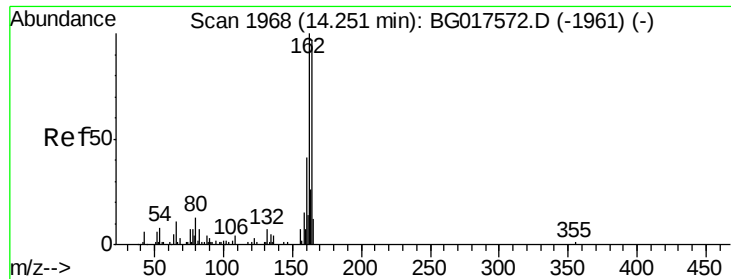
Tgt Ion: 93 Resp: 5145
Ion Ratio Lower Upper
93 100
95 395.7 27.0 40.6#
123 6.0 12.5 18.7#



#32
Benzoic acid
Concen: 11.03 ng
RT: 9.70 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG017631.D
Acq: 12 Jun 2015 6:23

Tgt Ion: 122 Resp: 11419
Ion Ratio Lower Upper
122 100
105 119.9 113.5 153.5
77 115.7 85.2 125.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.20 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG017631.D

Acq: 12 Jun 2015 6:23

Instrument :

BNA_G

ClientSampleId :

WC-WOOD-SP01-01

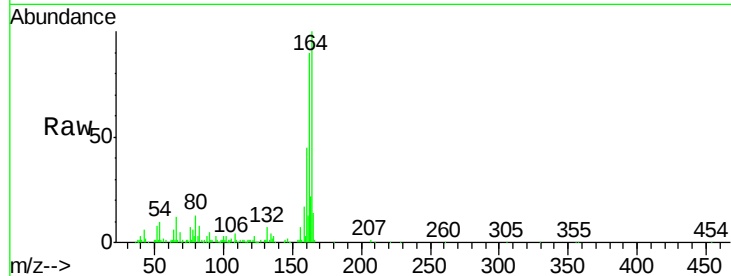
Tgt Ion:164 Resp: 77290

Ion Ratio Lower Upper

164 100

162 90.0 81.8 122.6

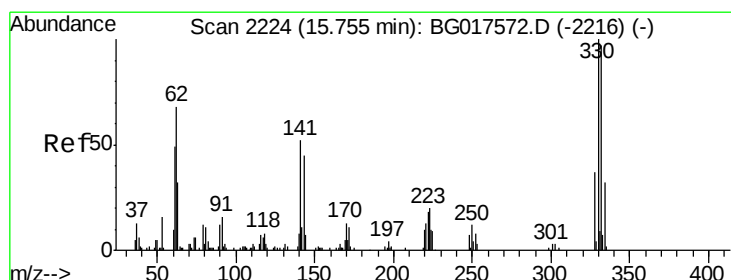
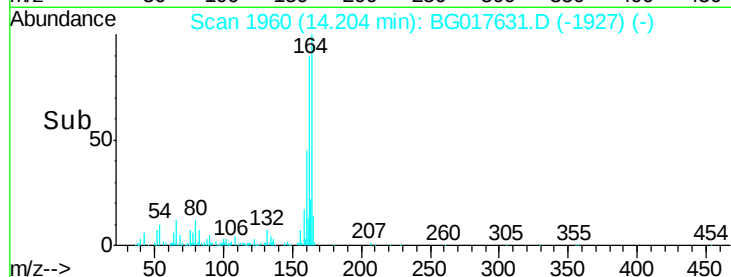
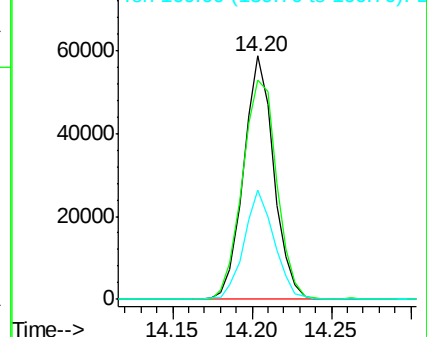
160 44.7 31.0 46.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 125.05 ng

RT: 15.71 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG017631.D

Acq: 12 Jun 2015 6:23

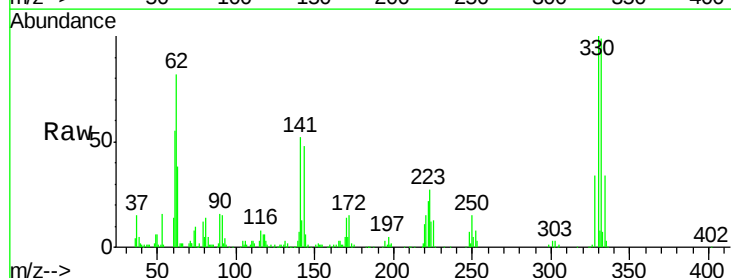
Tgt Ion:330 Resp: 134245

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

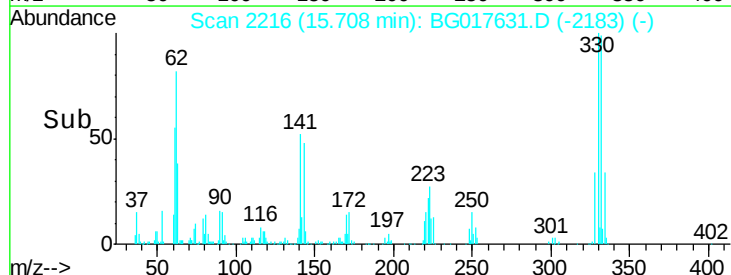
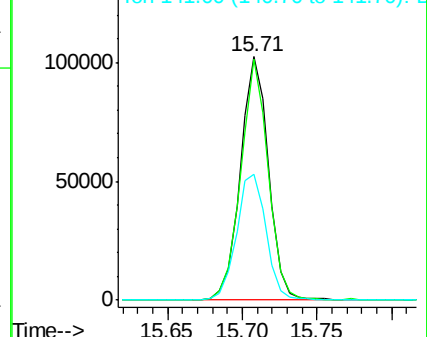
141 54.6 40.2 60.4

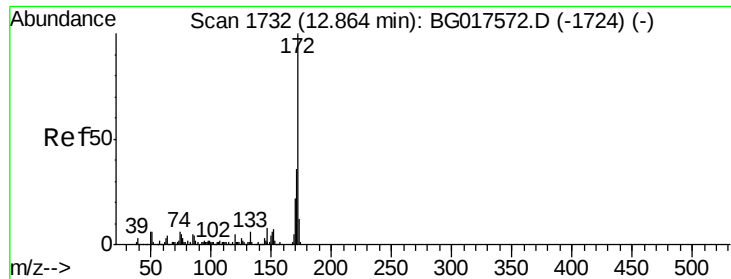


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

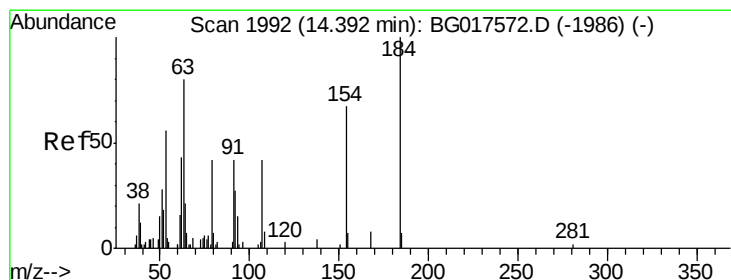
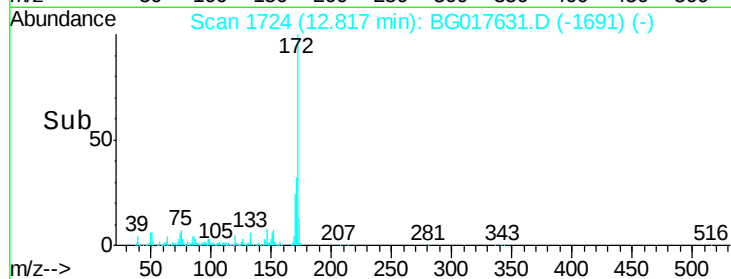
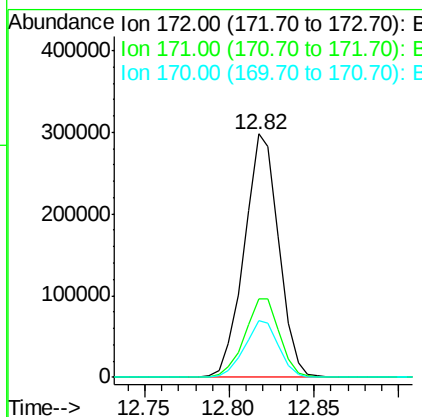
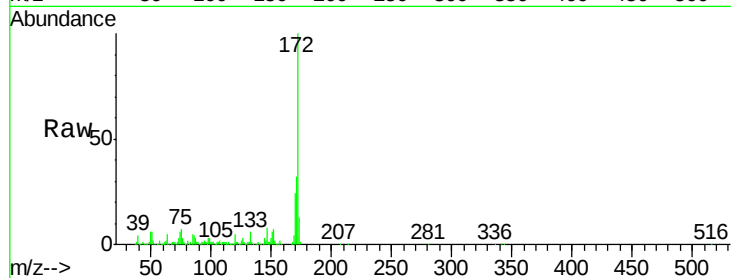




#44
 2-Fluorobiphenyl
 Concen: 82.45 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG017631.D
 Acq: 12 Jun 2015 6:23

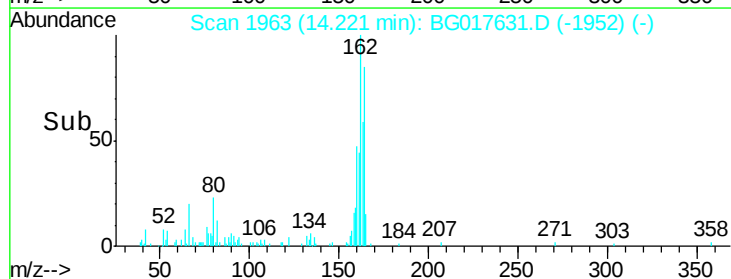
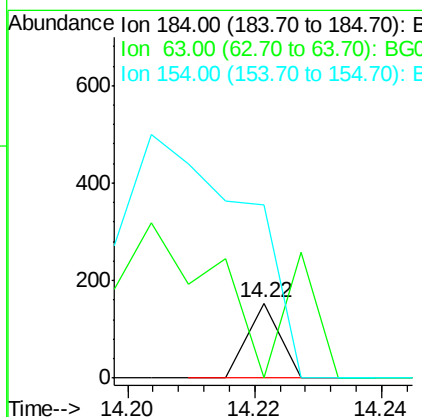
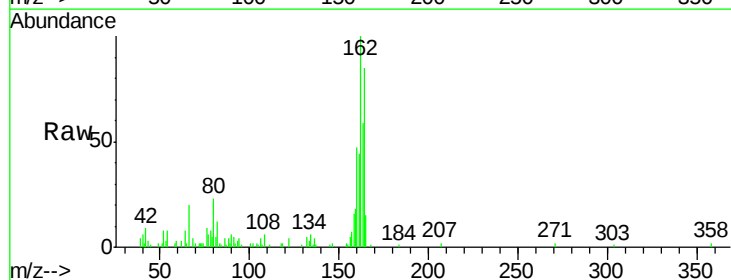
Instrument :
 BNA_G
 ClientSampleId :
 WC-WOOD-SP01-01

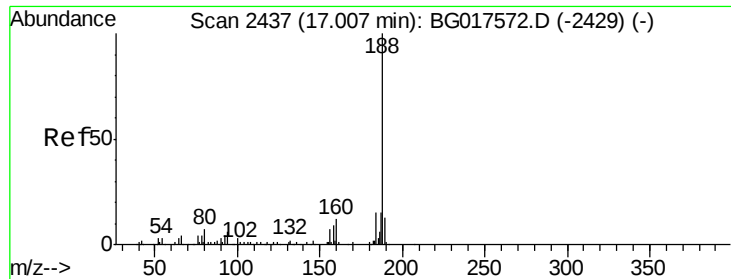
Tgt Ion:172 Resp: 422442
 Ion Ratio Lower Upper
 172 100
 171 32.4 29.0 43.6
 170 23.6 18.9 28.3



#53
 2,4-Dinitrophenol
 Concen: 7.07 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. -0.14 min
 Lab File: BG017631.D
 Acq: 12 Jun 2015 6:23

Tgt Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 0.0 61.5 92.3#
 154 231.2 53.8 80.8#

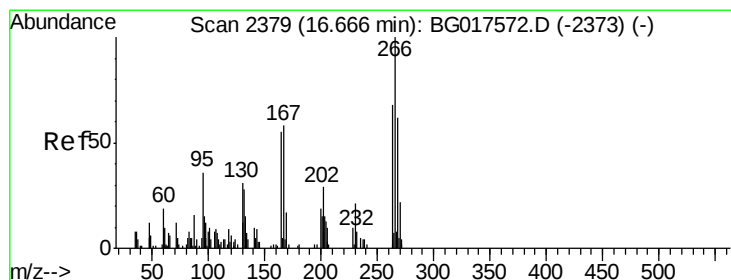
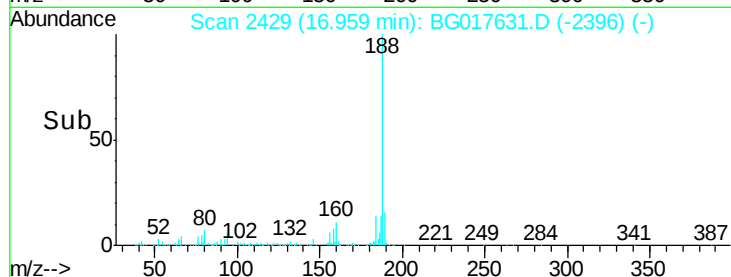
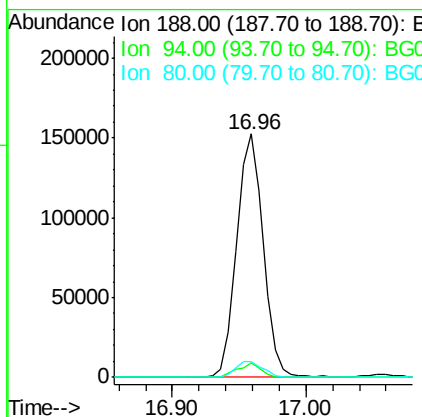
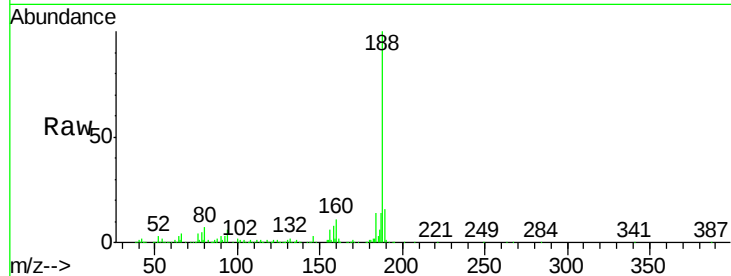




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG017631.D
Acq: 12 Jun 2015 6:23

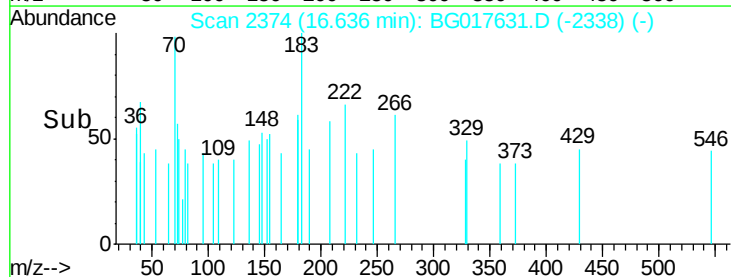
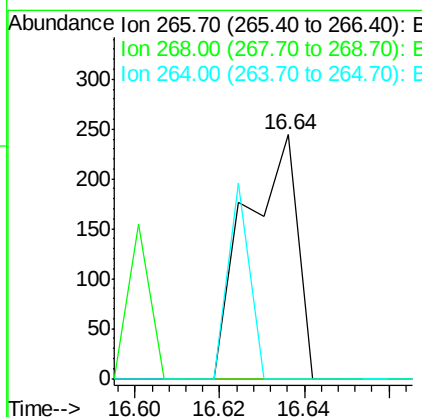
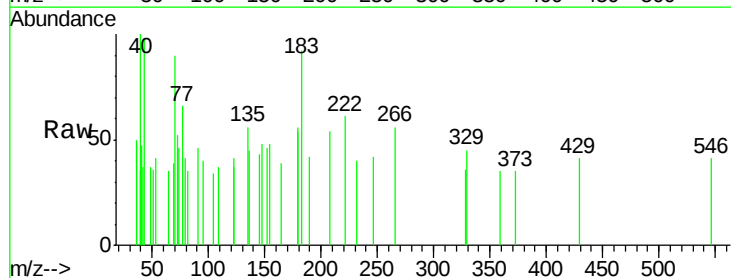
Instrument :
BNA_G
ClientSampleId :
WC-WOOD-SP01-01

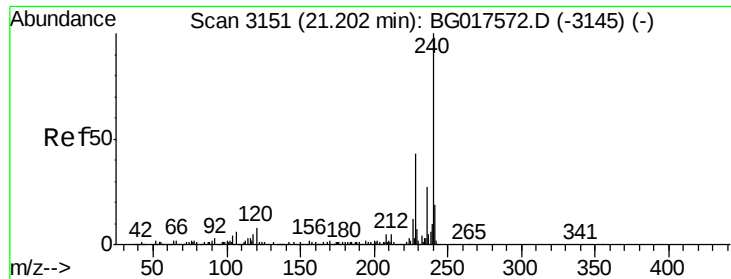
Tgt Ion:188 Resp: 210416
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 6.5 5.2 7.8



#69
Pentachlorophenol
Concen: 5.62 ng
RT: 16.64 min Scan# 2374
Delta R.T. 0.01 min
Lab File: BG017631.D
Acq: 12 Jun 2015 6:23

Tgt Ion:266 Resp: 206
Ion Ratio Lower Upper
266 100
268 0.0 47.0 70.6#
264 0.0 45.7 68.5#

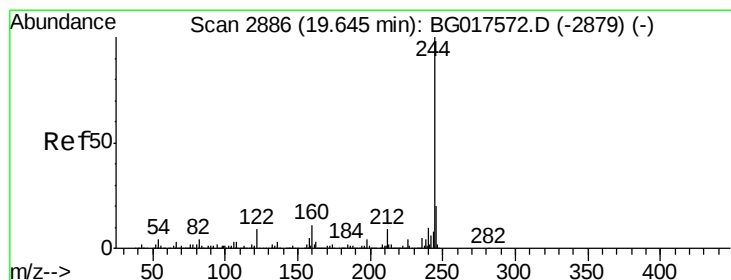
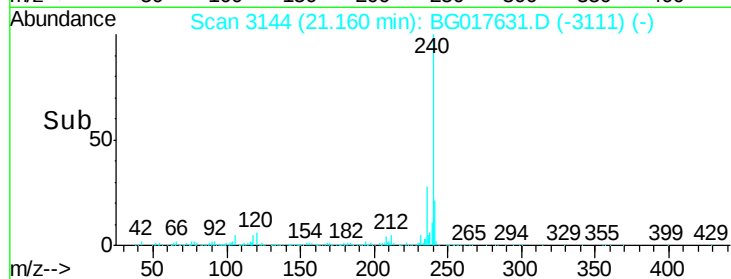
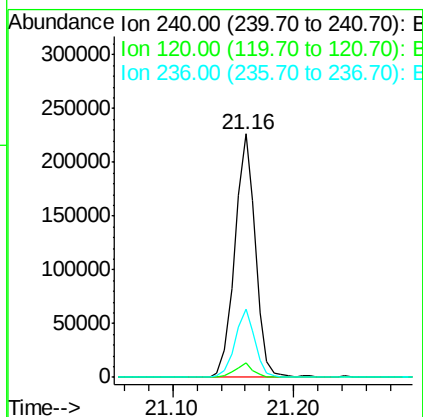
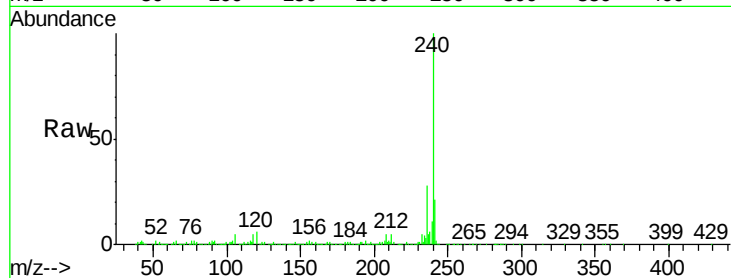




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG017631.D
Acq: 12 Jun 2015 6:23

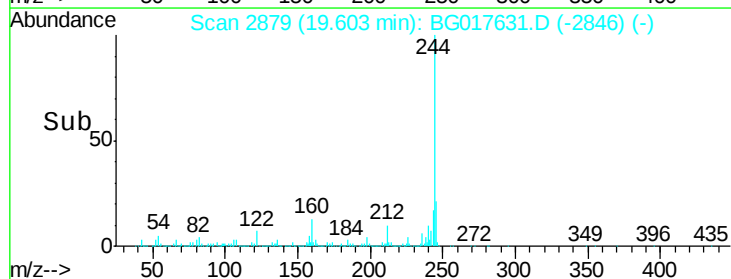
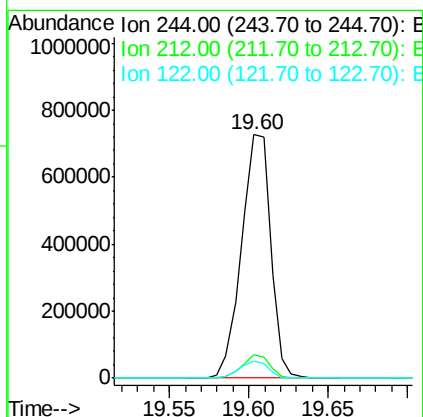
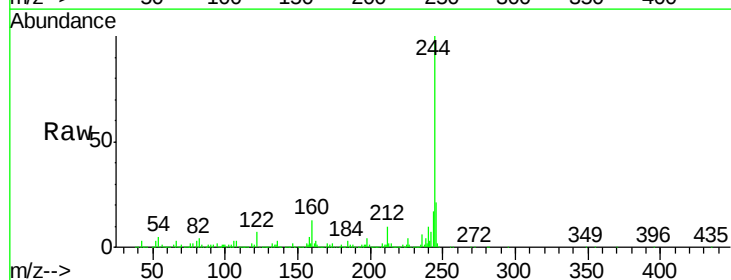
Instrument :
BNA_G
ClientSampleId :
WC-WOOD-SP01-01

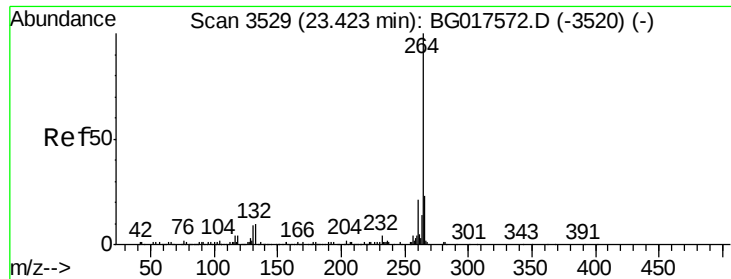
Tgt Ion:240 Resp: 269337
Ion Ratio Lower Upper
240 100
120 6.1 6.5 9.7#
236 28.0 20.8 31.2



#78
Terphenyl-d14
Concen: 71.29 ng
RT: 19.60 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG017631.D
Acq: 12 Jun 2015 6:23

Tgt Ion:244 Resp: 929025
Ion Ratio Lower Upper
244 100
212 9.7 6.4 9.6#
122 6.9 6.6 10.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG017631.D
Acq: 12 Jun 2015 6:23

Instrument :
BNA_G
ClientSampleId :
WC-WOOD-SP01-01

Tgt Ion:	264	Resp:	239868
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.8	15.8	23.6

