

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017043.D
 Acq On : 11 May 2015 3:05
 Operator : TP/IZ
 Sample : G2109-09
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-30

Quant Time: May 11 05:39:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 05:17:53 2015
 Response via : Initial Calibration

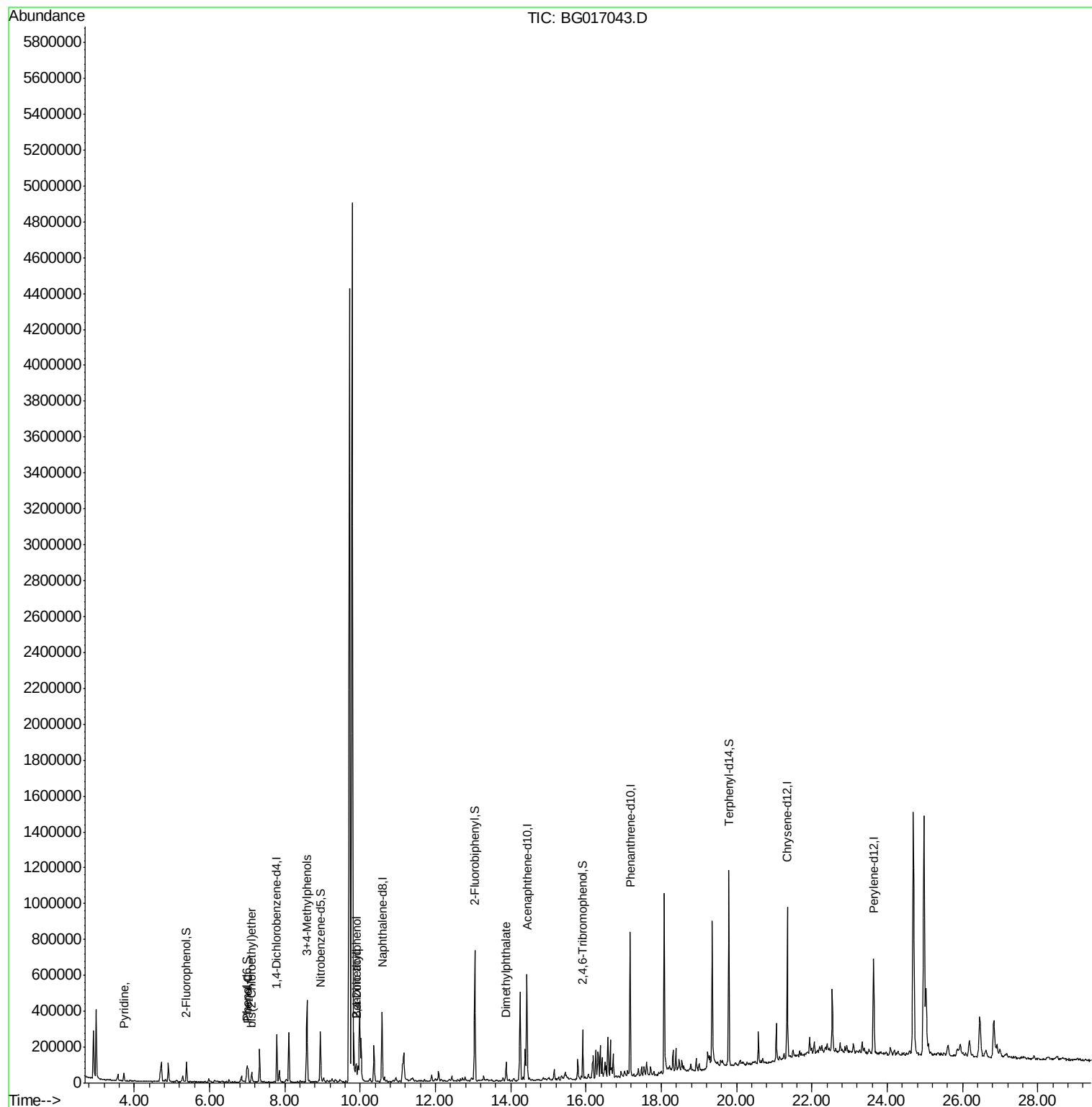
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	59785	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	289554	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	186844	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	409875	20.00	ng	0.00
75) Chrysene-d12	21.35	240	383856	20.00	ng	0.00
86) Perylene-d12	23.64	264	377245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	38669	11.26	ng	0.00
7) Phenol-d6	6.99	99	42238	8.61	ng	0.02
23) Nitrobenzene-d5	8.94	82	149667	25.25	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	35681	19.02	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	322627	26.06	ng	0.00
78) Terphenyl-d14	19.79	244	426475	26.05	ng	0.00
Target Compounds						
3) Pyridine	3.73	79	10812	2.43	ng	Qvalue # 22
10) Phenol	7.02	94	36729	6.98	ng	95
11) bis(2-Chloroethyl)ether	7.12	93	10172	2.50	ng	# 18
20) 3+4-Methylphenols	8.59	107	174071	34.10	ng	84
27) 2,4-Dimethylphenol	9.90	122	47803	10.84	ng	# 1
32) Benzoic acid	9.90	122	49093	22.50	ng	# 87
49) Dimethylphthalate	13.88	163	43824	3.14	ng	# 97

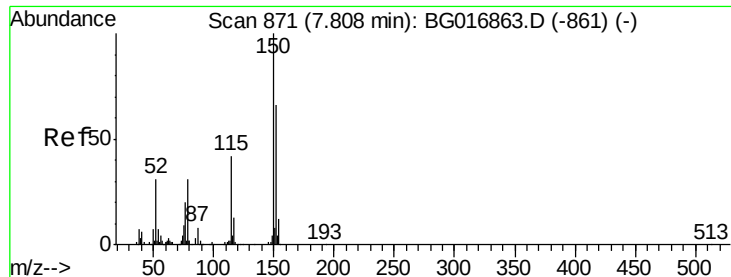
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

Instrument :

BNA_G

ClientSampleId :

W-30

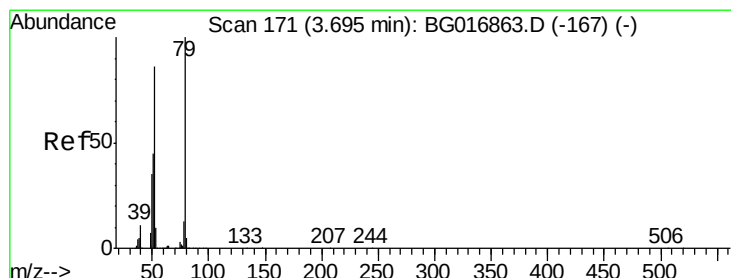
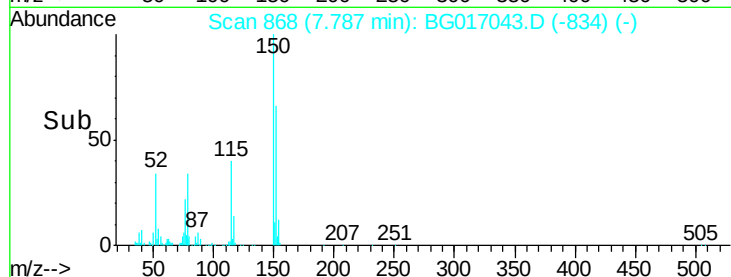
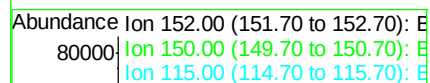
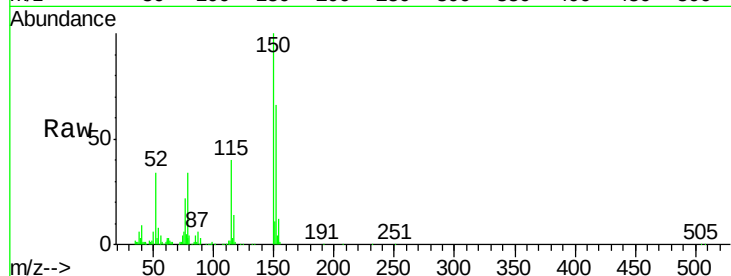
Tgt Ion:152 Resp: 59785

Ion Ratio Lower Upper

152 100

150 151.2 121.0 181.4

115 61.2 50.5 75.7



#3

Pyridine

Concen: 2.43 ng

RT: 3.73 min Scan# 177

Delta R.T. 0.05 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

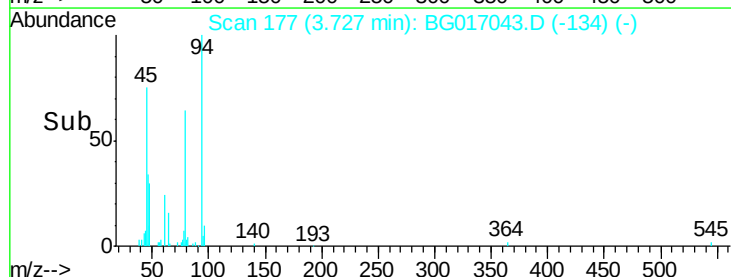
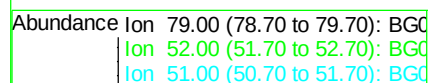
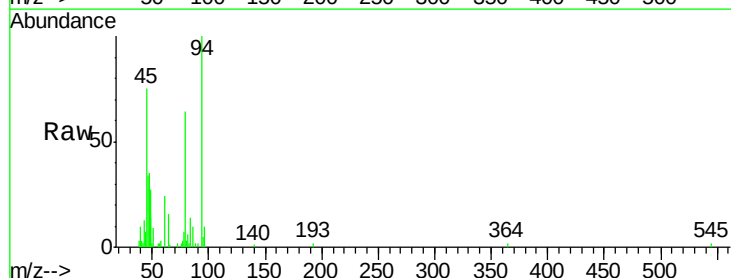
Tgt Ion: 79 Resp: 10812

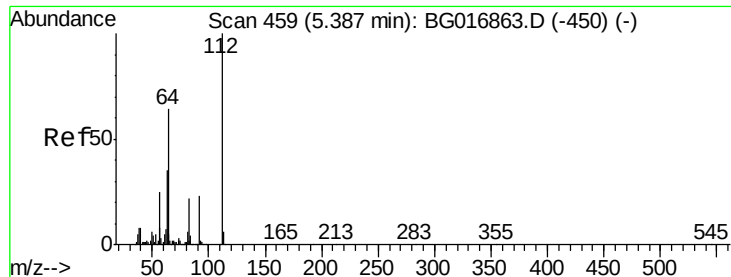
Ion Ratio Lower Upper

79 100

52 0.0 68.5 102.7#

51 14.1 37.8 56.8#





#5

2-Fluorophenol

Concen: 11.26 ng

RT: 5.38 min Scan# 459

Delta R.T. 0.00 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

Instrument :

BNA_G

ClientSampleId :

W-30

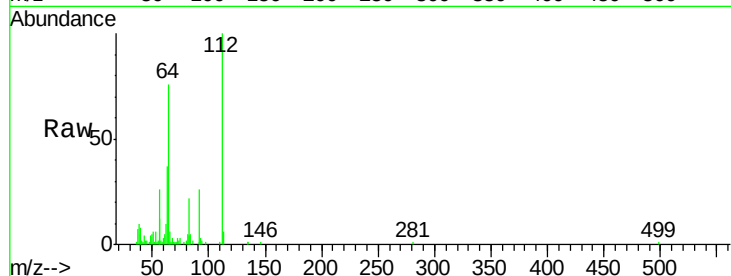
Tgt Ion: 112 Resp: 38669

Ion Ratio Lower Upper

112 100

64 75.7 51.4 77.2

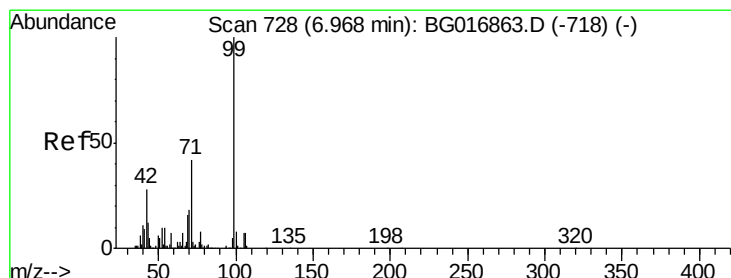
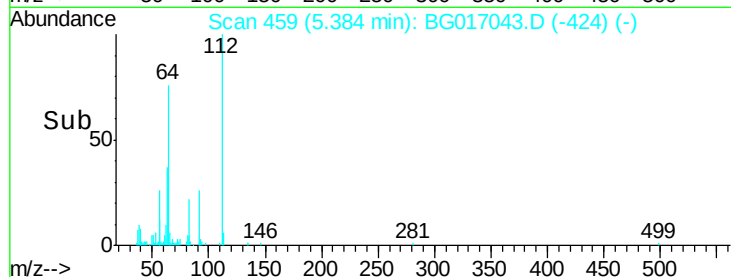
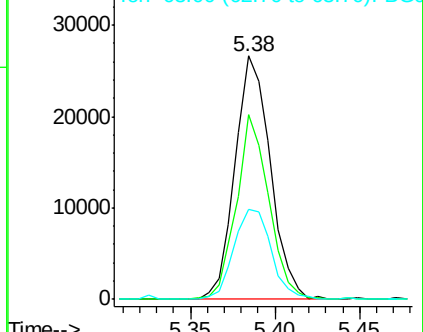
63 36.9 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 8.61 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.02 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

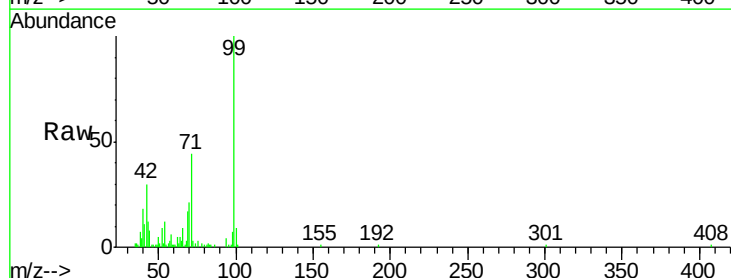
Tgt Ion: 99 Resp: 42238

Ion Ratio Lower Upper

99 100

42 29.7 22.1 33.1

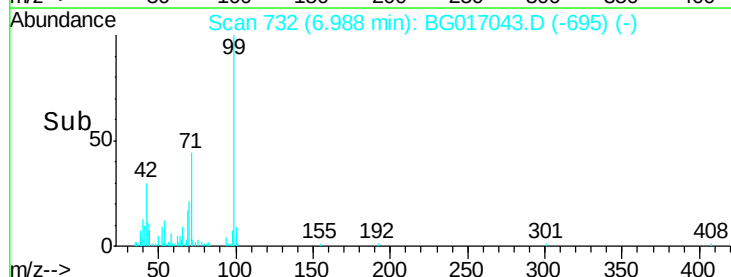
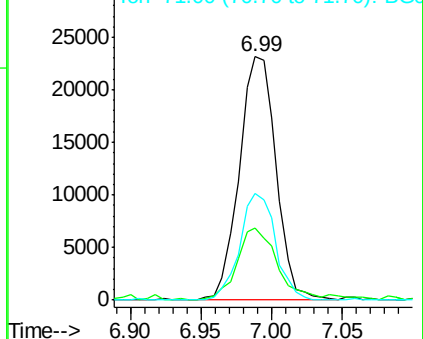
71 44.0 33.4 50.0

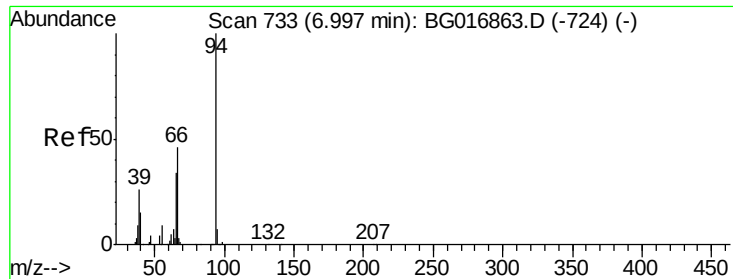


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 6.98 ng

RT: 7.02 min Scan# 737

Delta R.T. 0.02 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

Instrument :

BNA_G

ClientSampleId :

W-30

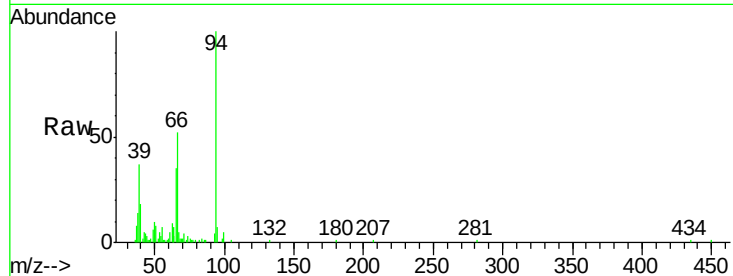
Tgt Ion: 94 Resp: 36729

Ion Ratio Lower Upper

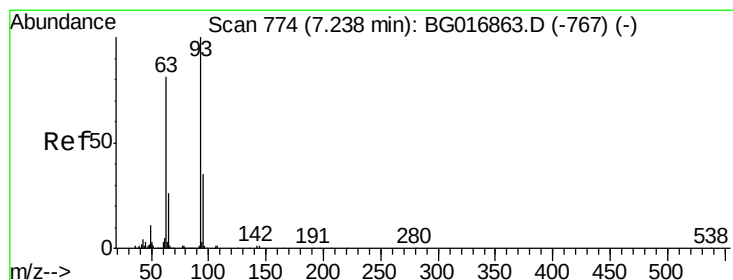
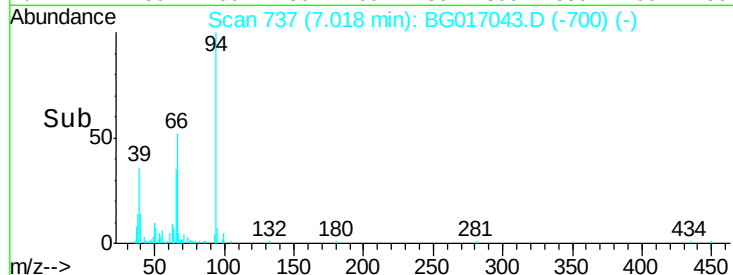
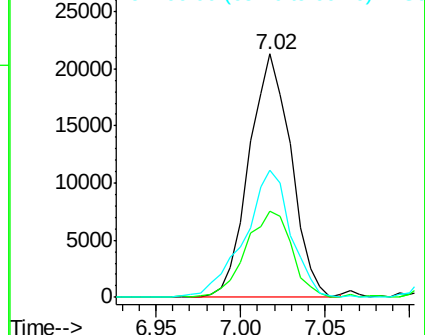
94 100

65 35.2 14.3 54.3

66 52.3 26.9 66.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 2.50 ng

RT: 7.12 min Scan# 754

Delta R.T. -0.10 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

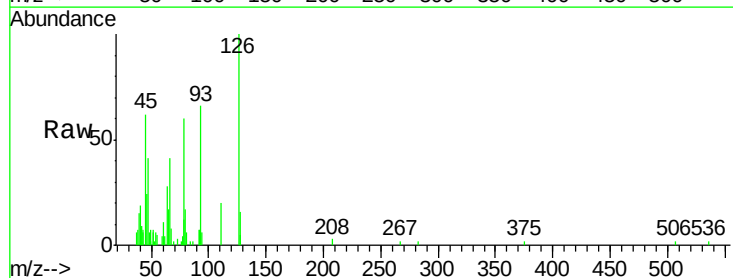
Tgt Ion: 93 Resp: 10172

Ion Ratio Lower Upper

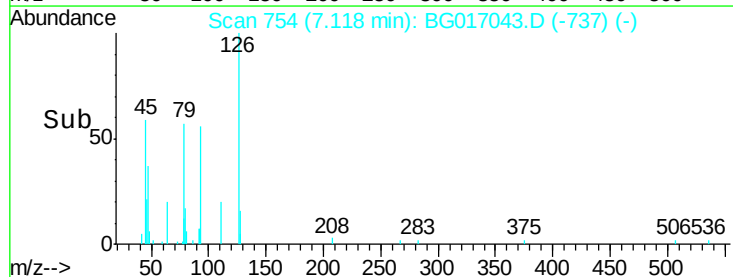
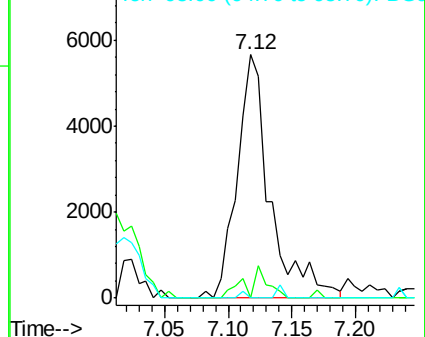
93 100

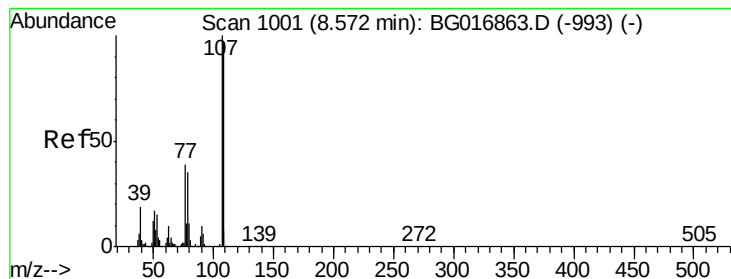
63 0.0 61.2 101.2#

95 0.0 15.0 55.0#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#20

3+4-Methylphenols

Concen: 34.10 ng

RT: 8.59 min Scan# 1004

Delta R.T. 0.02 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

Instrument :

BNA_G

ClientSampleId :

W-30

Tgt Ion:107 Resp: 174071

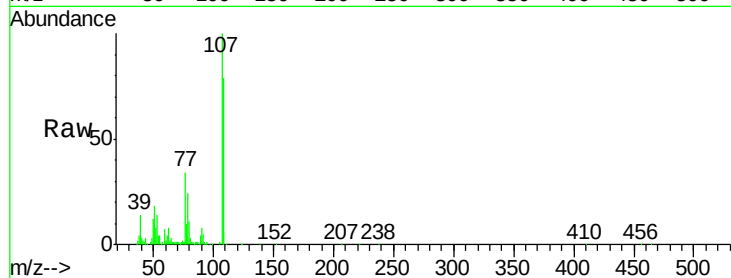
Ion Ratio Lower Upper

107 100

108 79.2 76.6 116.6

77 34.0 19.0 59.0

79 24.0 15.0 55.0

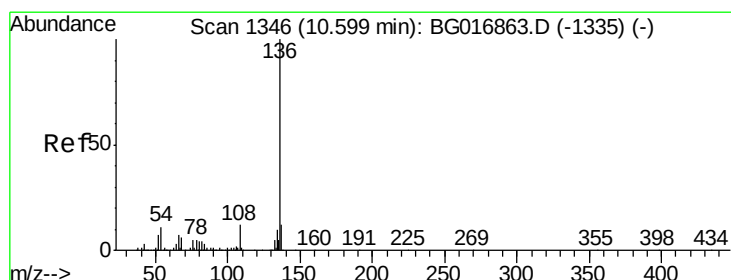
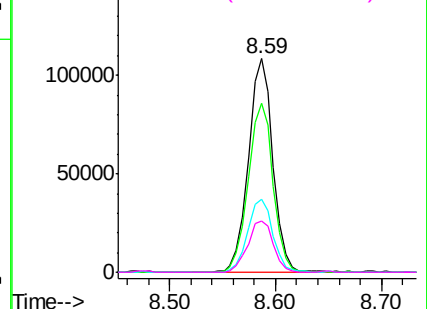
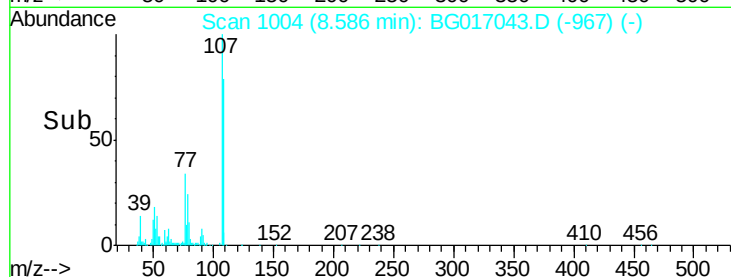


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

Tgt Ion:136 Resp: 289554

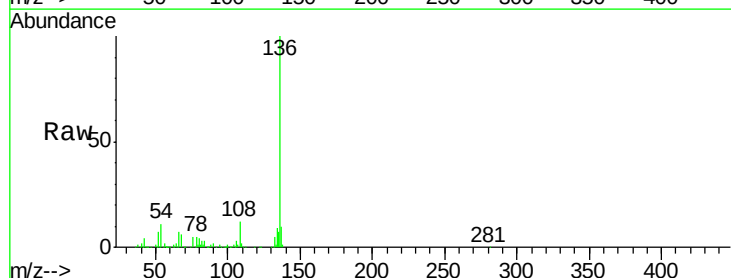
Ion Ratio Lower Upper

136 100

137 10.5 9.8 14.8

54 10.5 8.7 13.1

68 5.7 5.0 7.4

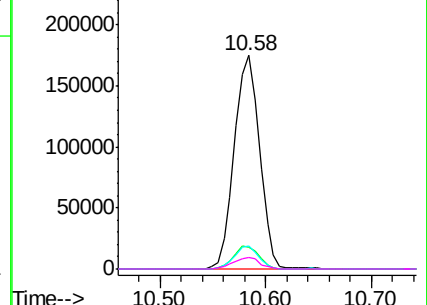
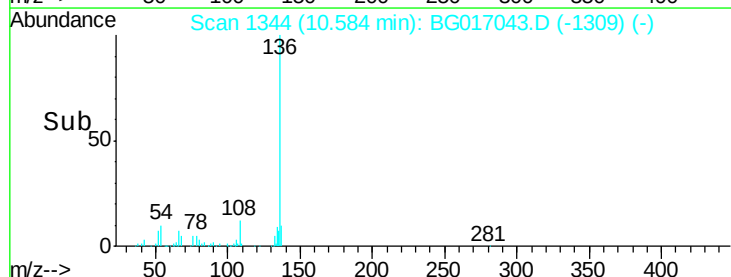


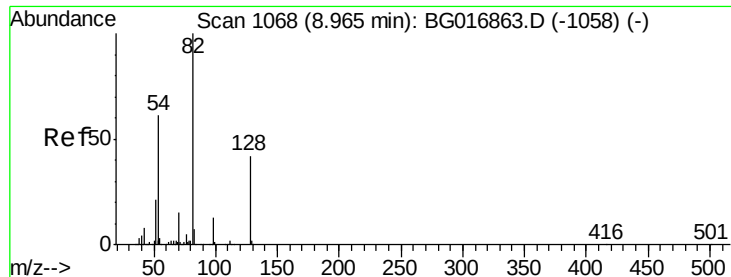
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

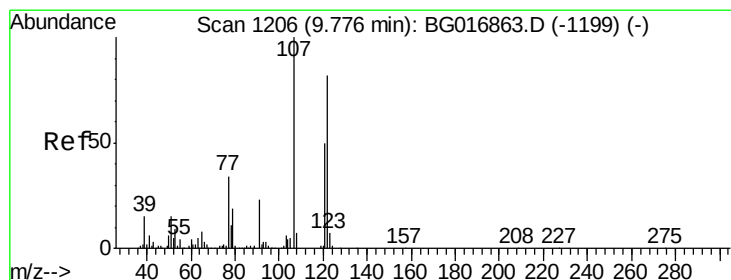
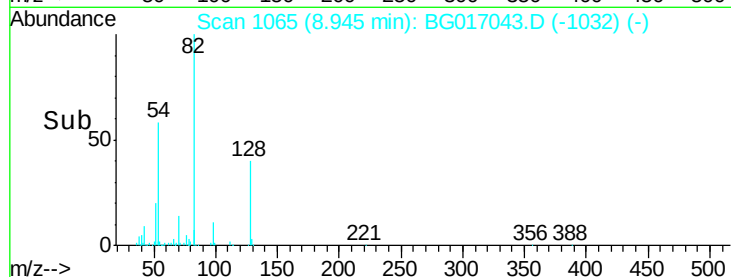
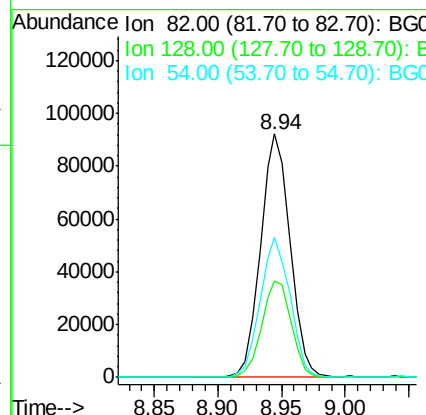
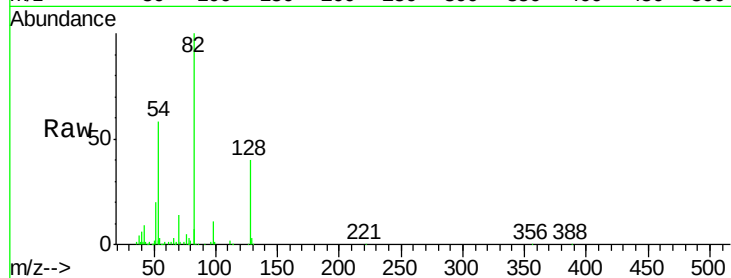




#23
 Nitrobenzene-d5
 Concen: 25.25 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BG017043.D
 Acq: 11 May 2015 3:05

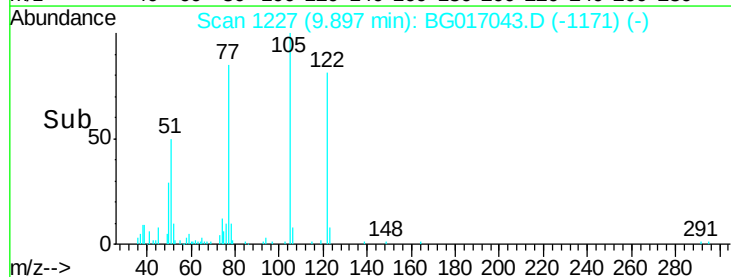
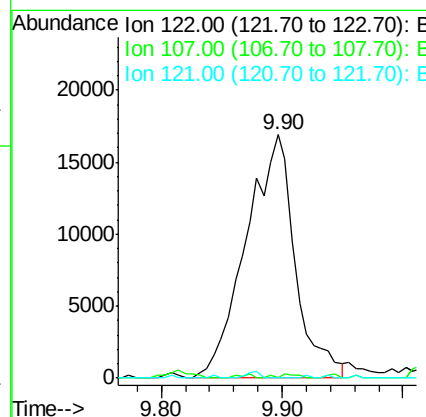
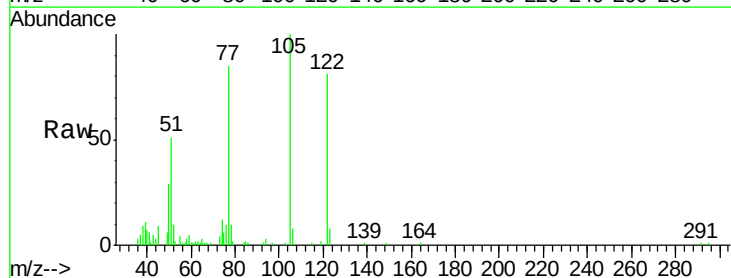
Instrument :
 BNA_G
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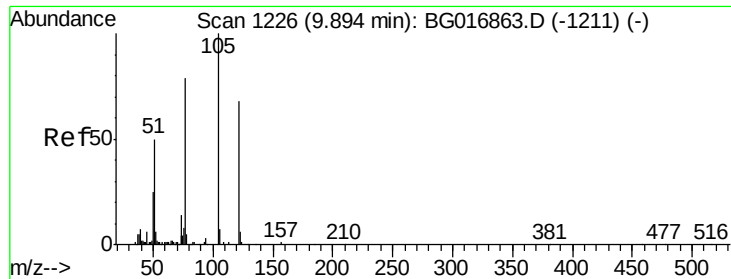
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.2	49.8
54	57.5	48.6	72.8



#27
 2,4-Dimethylphenol
 Concen: 10.84 ng
 RT: 9.90 min Scan# 1227
 Delta R.T. 0.13 min
 Lab File: BG017043.D
 Acq: 11 May 2015 3:05

Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	97.6	146.4#
121	0.0	48.4	72.6#

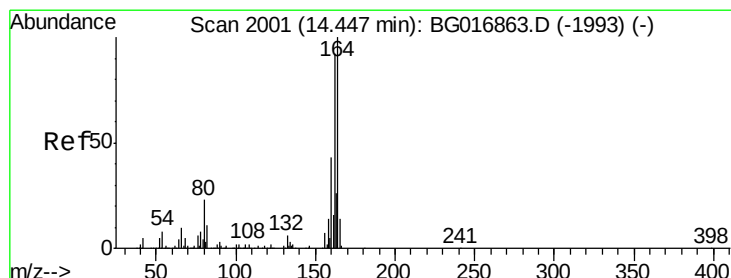
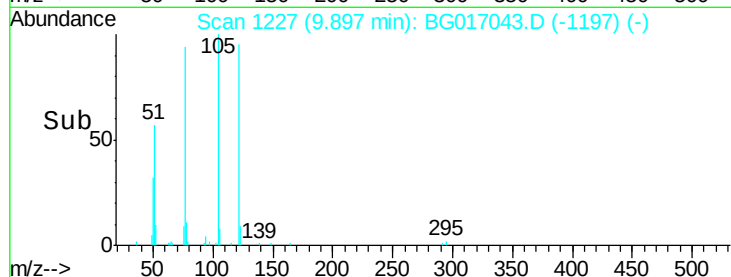
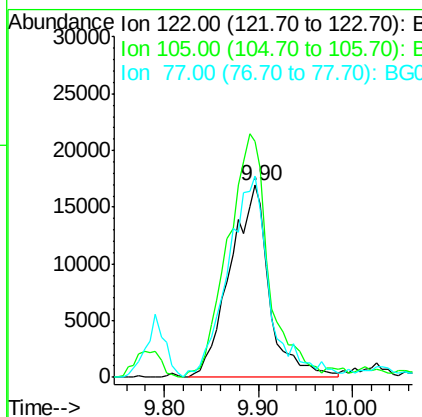
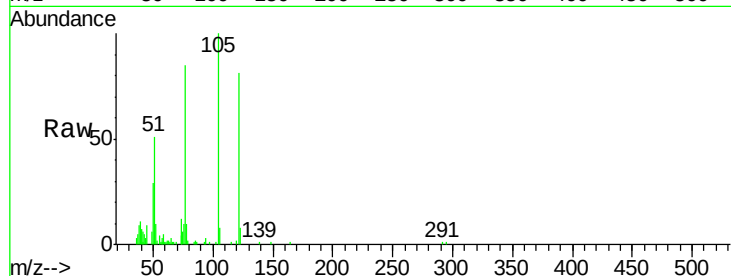




#32
Benzoic acid
Concen: 22.50 ng
RT: 9.90 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

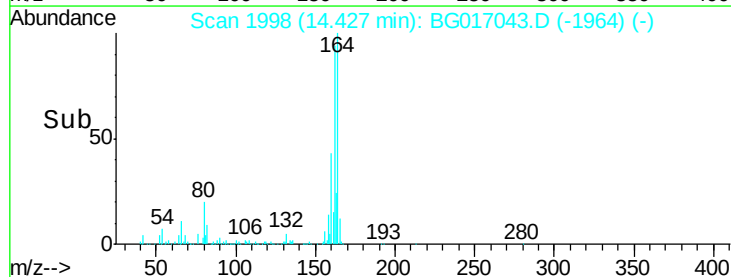
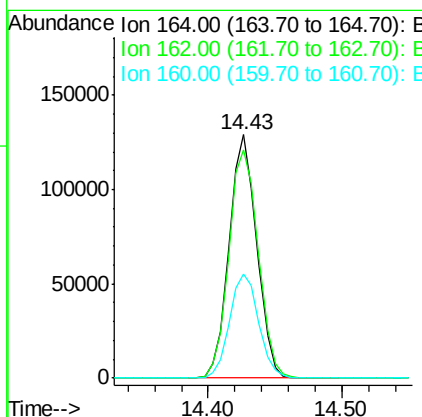
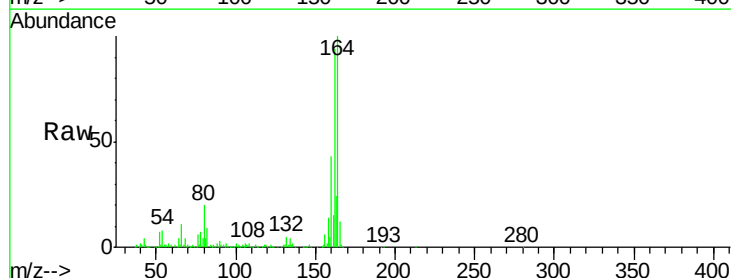
Instrument :
BNA_G
ClientSampleId :
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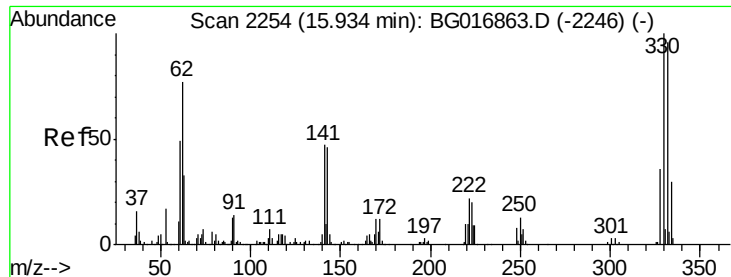
Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	123.2	163.2#
77	104.9	93.0	133.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.6	74.0	111.0
160	42.6	34.7	52.1

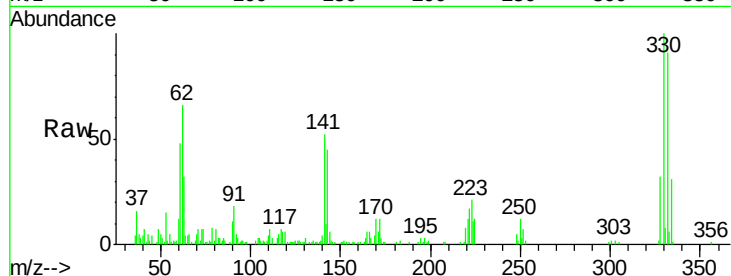




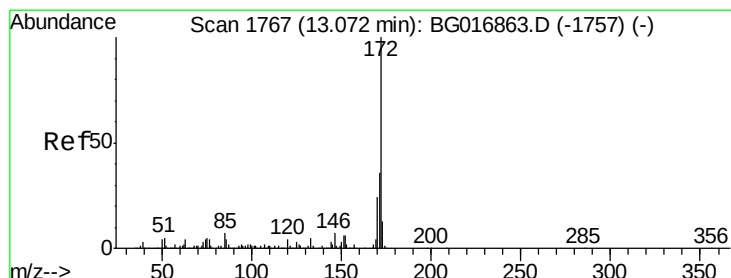
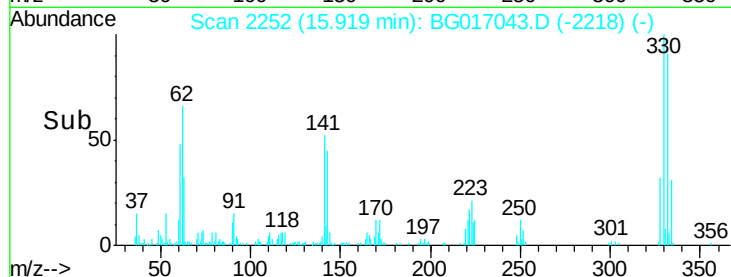
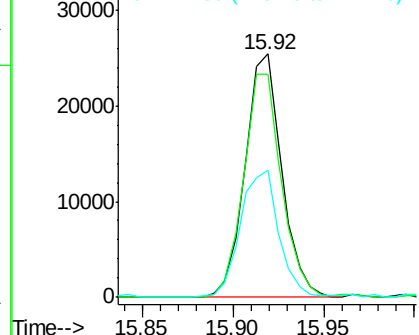
#41
 2,4,6-Tribromophenol
 Concen: 19.02 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BG017043.D
 Acq: 11 May 2015 3:05

Instrument :
 BNA_G
 ClientSampleId :
 W-30

Tgt Ion: 330 Resp: 35681
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 55.1 0.0 0.0#

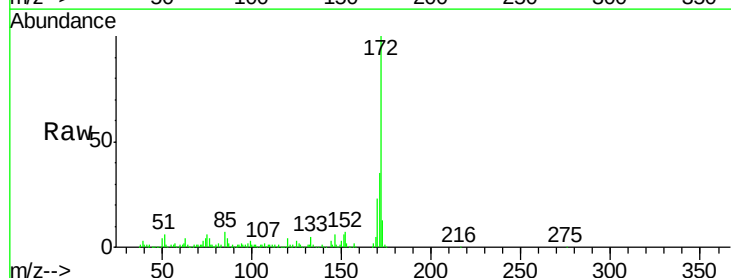


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

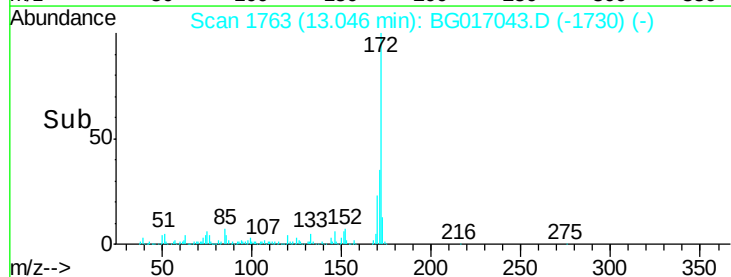
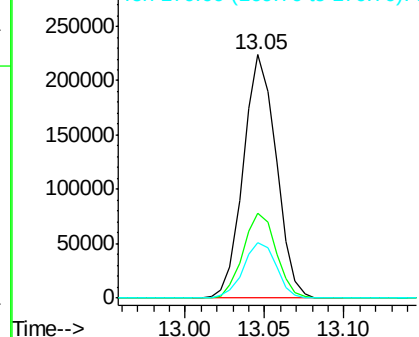


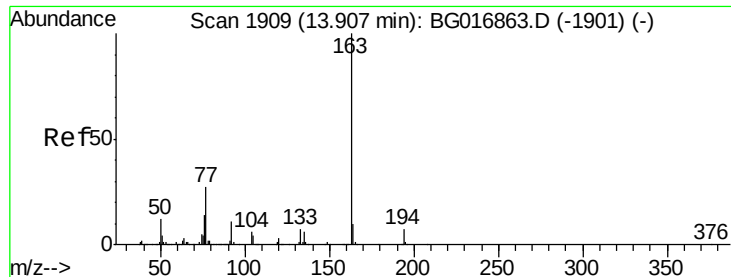
#44
 2-Fluorobiphenyl
 Concen: 26.06 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BG017043.D
 Acq: 11 May 2015 3:05

Tgt Ion: 172 Resp: 322627
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.0 43.4
 170 22.8 19.0 28.4



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: 13.88 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

Instrument :

BNA_G

ClientSampleId :

W-30

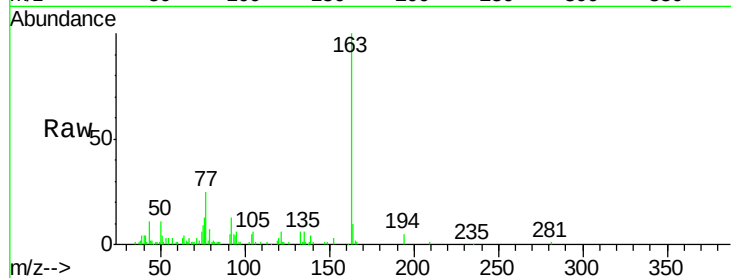
Tgt Ion:163 Resp: 43824

Ion Ratio Lower Upper

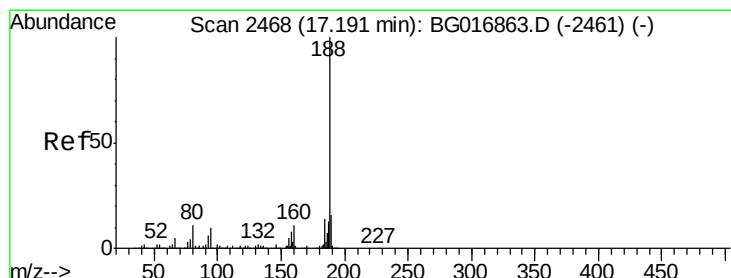
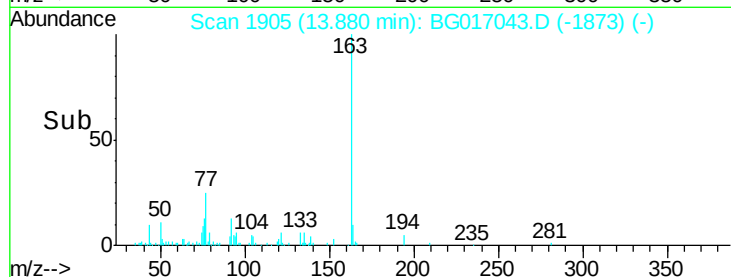
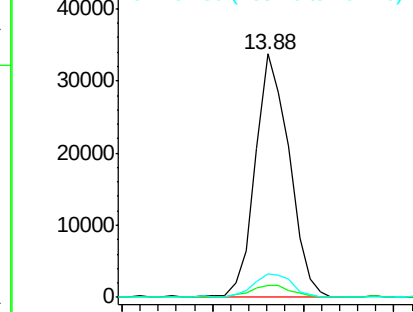
163 100

194 4.9 5.2 7.8#

164 9.6 8.4 12.6



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: 17.17 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

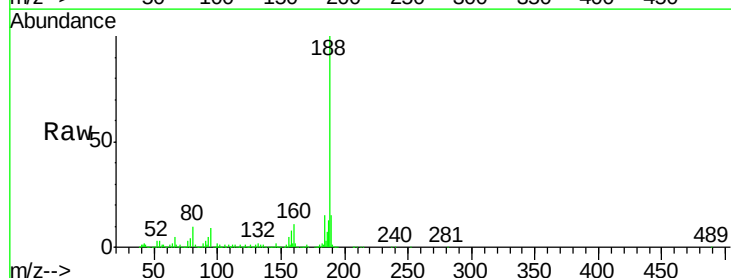
Tgt Ion:188 Resp: 409875

Ion Ratio Lower Upper

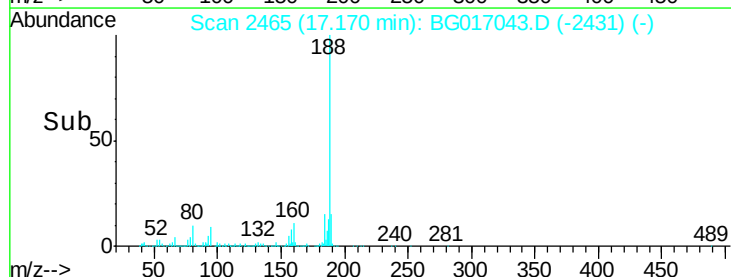
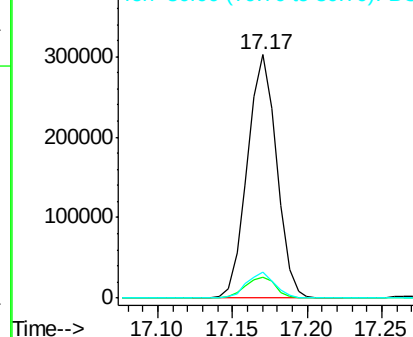
188 100

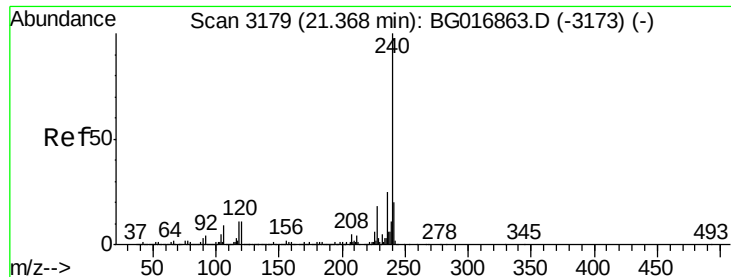
94 8.7 8.2 12.4

80 10.4 8.8 13.2



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: 21.35 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

Instrument :

BNA_G

ClientSampleId :

W-30

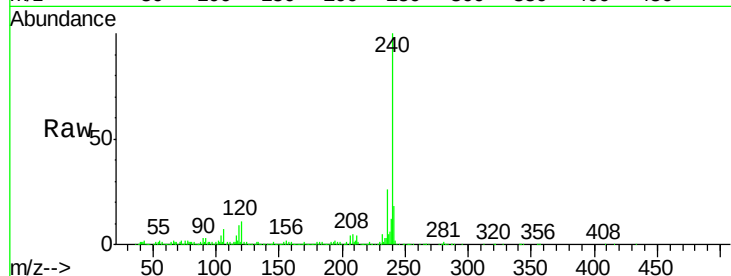
Tgt Ion:240 Resp: 383856

Ion Ratio Lower Upper

240 100

120 10.9 9.1 13.7

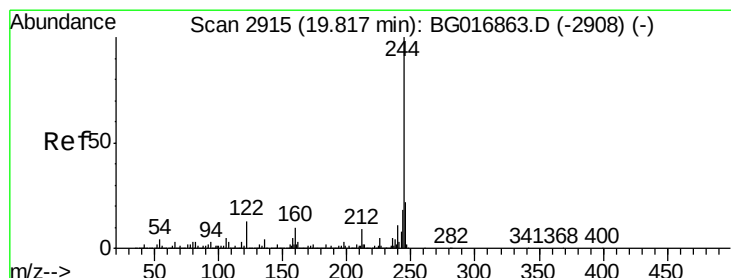
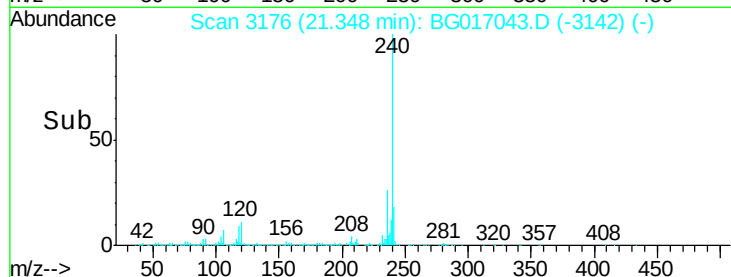
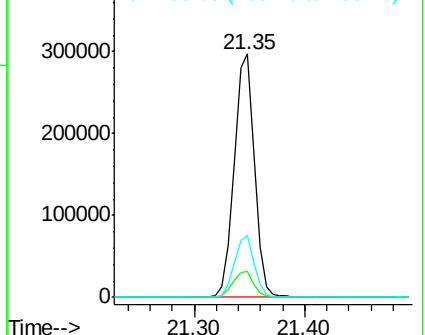
236 25.6 20.2 30.4



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: 26.05 ng

RT: 19.79 min Scan# 2911

Delta R.T. -0.01 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

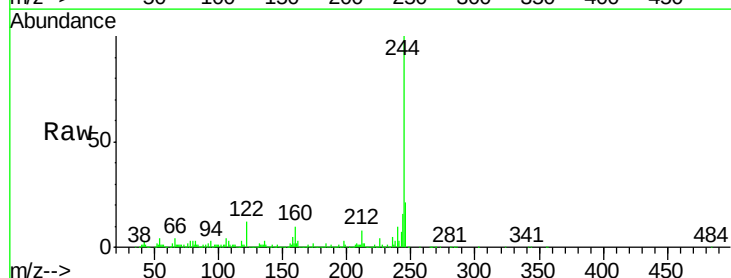
Tgt Ion:244 Resp: 426475

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.6

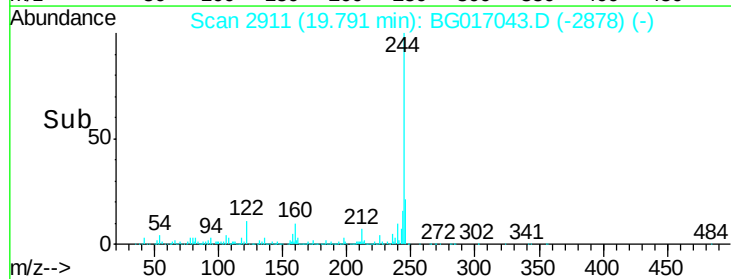
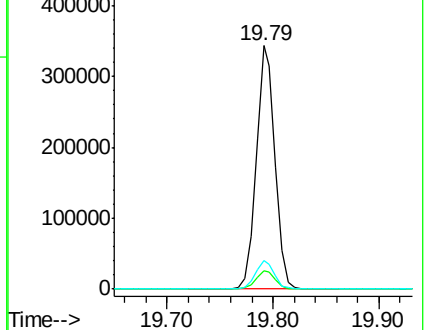
122 11.6 10.4 15.6

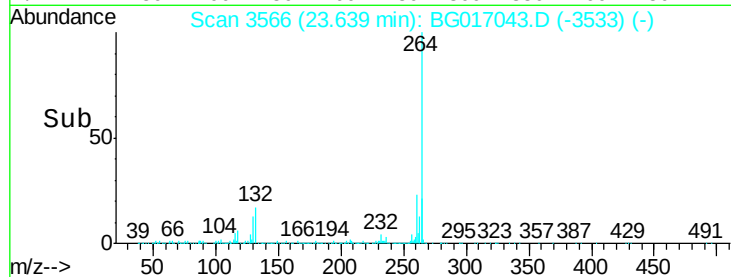
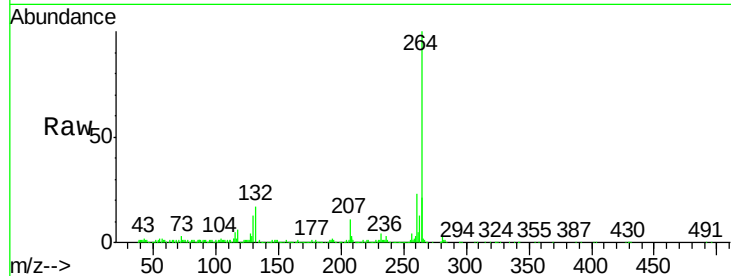
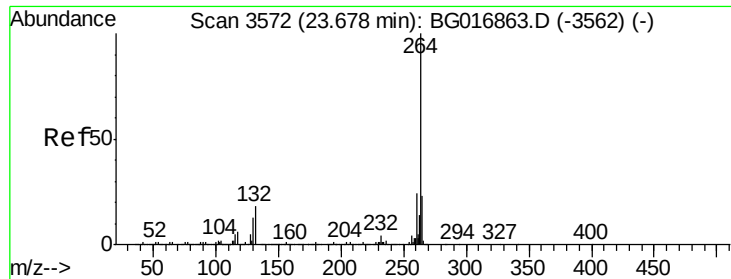


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.64 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BG017043.D

Acq: 11 May 2015 3:05

Instrument :

BNA_G

ClientSampleId :

W-30

Tgt Ion: 264 Resp: 377245

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.9 18.5 27.7

