

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017652.D
 Acq On : 13 Jun 2015 00:13
 Operator : TP/IZ
 Sample : G2576-11DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SHB1WDL

Quant Time: Jun 13 03:56:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 00:03:37 2015
 Response via : Initial Calibration

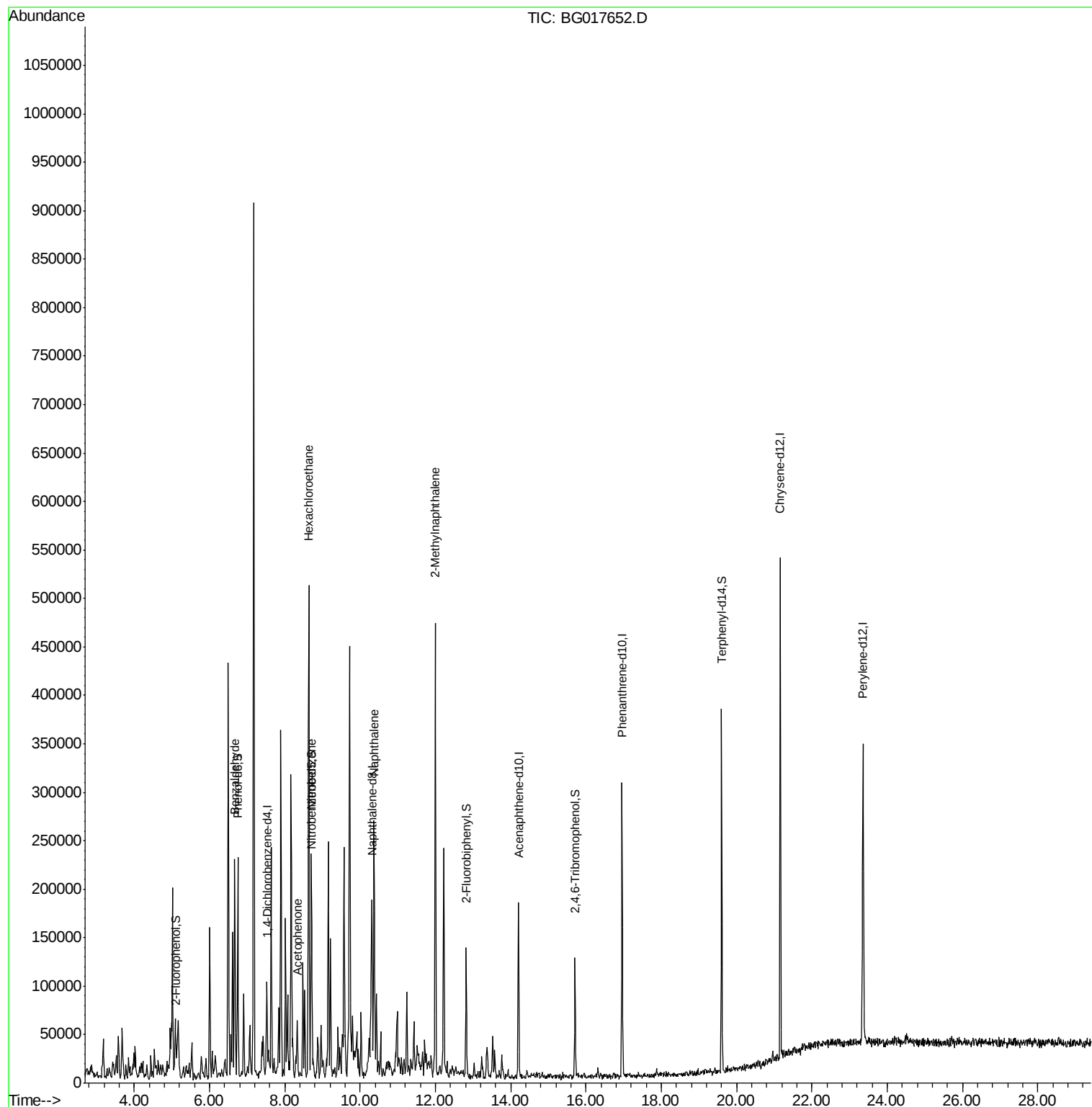
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	17895	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	71660	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	54752	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	158026	20.00	ng	0.00
75) Chrysene-d12	21.16	240	242708	20.00	ng	0.00
86) Perylene-d12	23.36	264	237130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	7929	7.90	ng	0.00
7) Phenol-d6	6.74	99	7878	5.72	ng	0.00
23) Nitrobenzene-d5	8.69	82	22211	15.11	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	18097	22.92	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	56043	15.24	ng	0.00
78) Terphenyl-d14	19.60	244	147136	12.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	18718	20.19	ng	# 1
18) Hexachloroethane	8.63	117	48281	85.93	ng	# 1
22) Acetophenone	8.33	105	33527	18.92	ng	# 56
24) Nitrobenzene	8.71	77	10428	6.77	ng	# 6
31) Naphthalene	10.37	128	104851	27.92	ng	# 90
37) 2-Methylnaphthalene	12.00	142	181296	62.53	ng	95

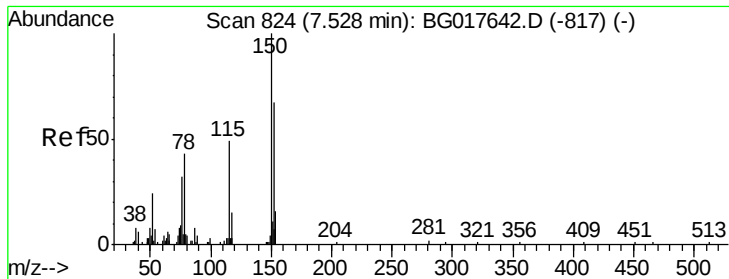
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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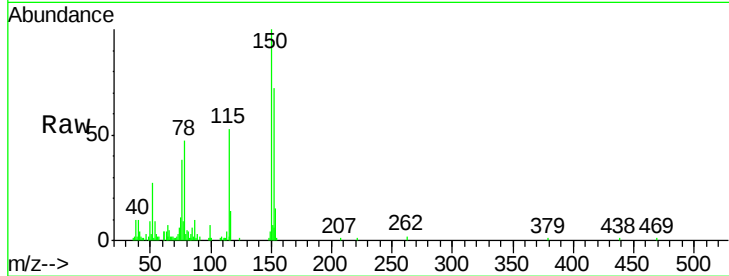


#1

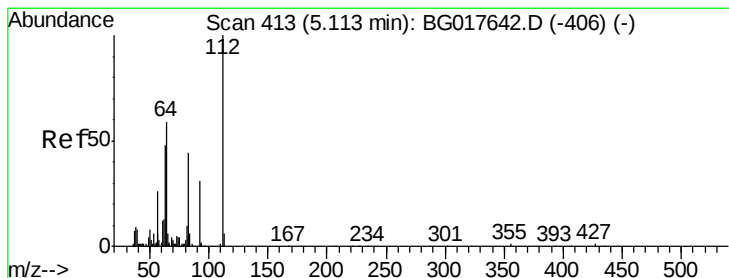
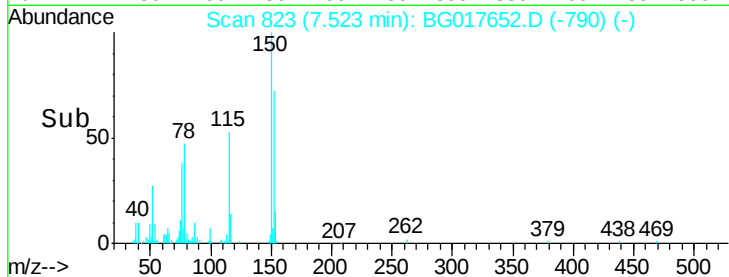
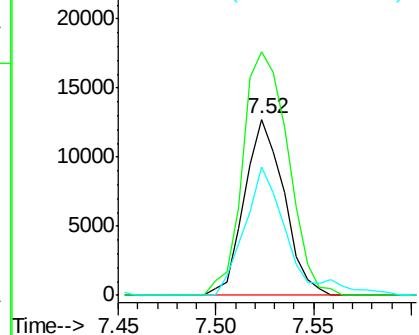
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017652.D
Acq: 13 Jun 2015 00:13

Instrument :
BNA_G
ClientSampleId :
SHB1WDL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	138.1	119.4	179.0
115	72.6	58.2	87.2



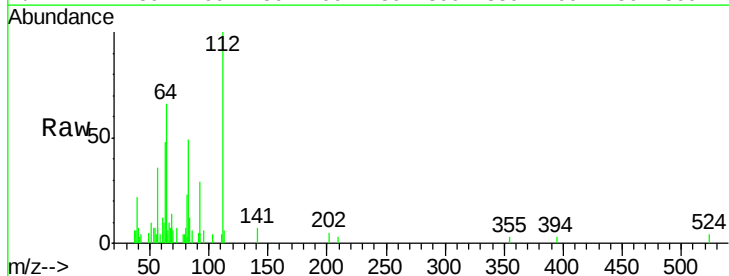
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



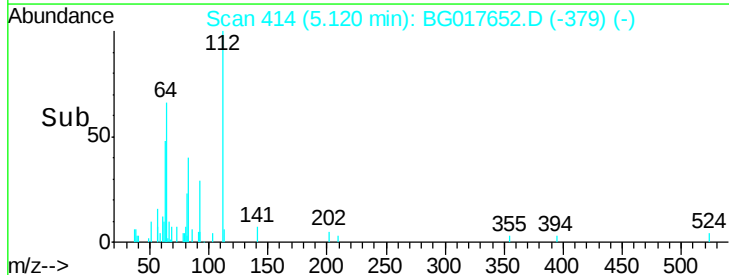
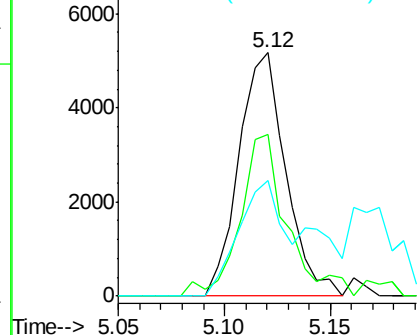
#5

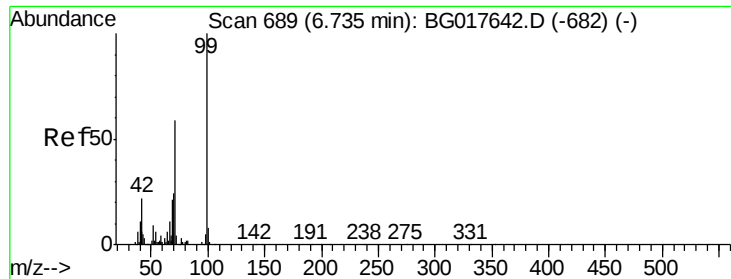
2-Fluorophenol
Concen: 7.90 ng
RT: 5.12 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG017652.D
Acq: 13 Jun 2015 00:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.0	70.6
63	47.6	38.6	58.0



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: 5.72 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017652.D

Acq: 13 Jun 2015 00:13

Instrument :

BNA_G

ClientSampleId :

SHB1WDL

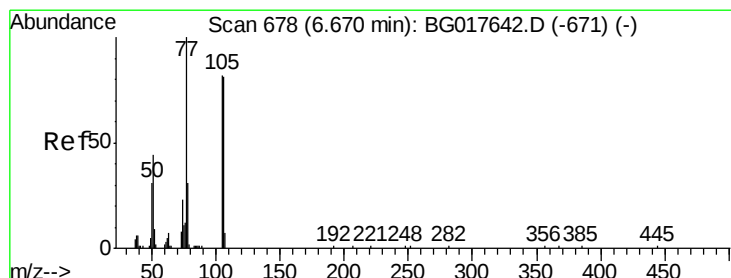
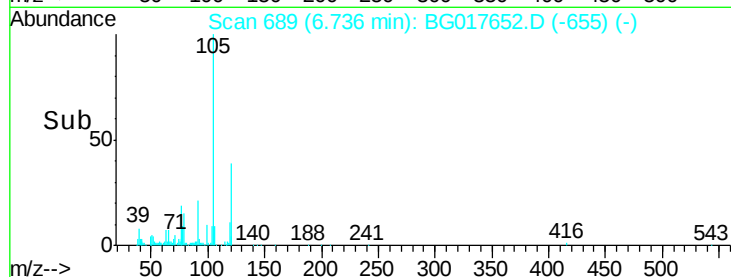
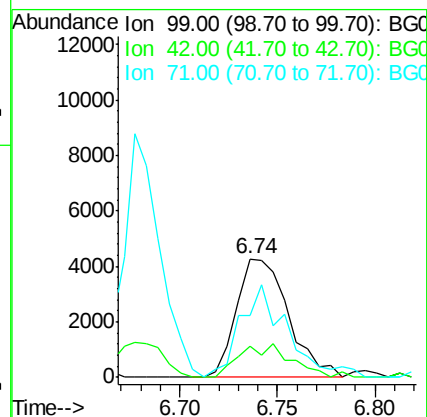
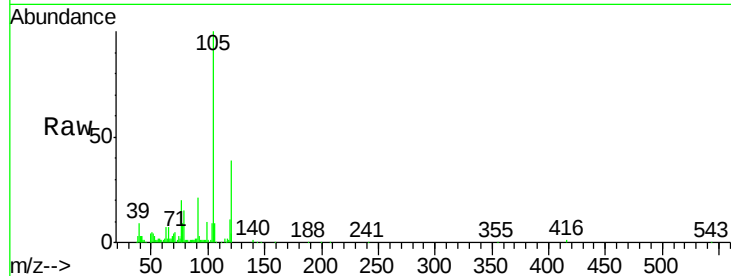
Tgt Ion: 99 Resp: 7878

Ion Ratio Lower Upper

99 100

42 26.1 17.4 26.2

71 52.4 47.4 71.0



#9

Benzaldehyde

Concen: 20.19 ng

RT: 6.67 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG017652.D

Acq: 13 Jun 2015 00:13

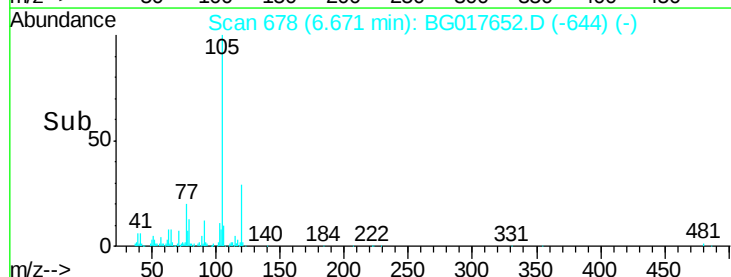
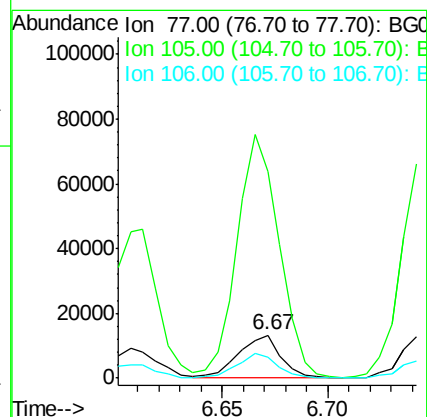
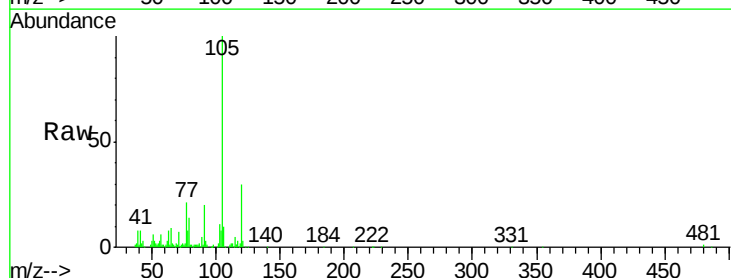
Tgt Ion: 77 Resp: 18718

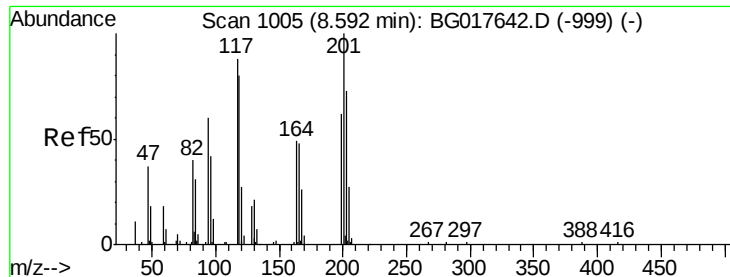
Ion Ratio Lower Upper

77 100

105 482.1 62.3 102.3#

106 48.2 60.7 100.7#

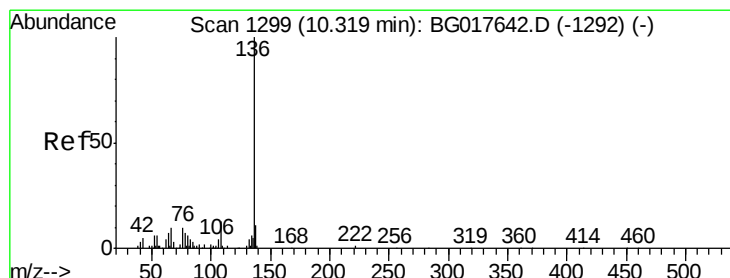
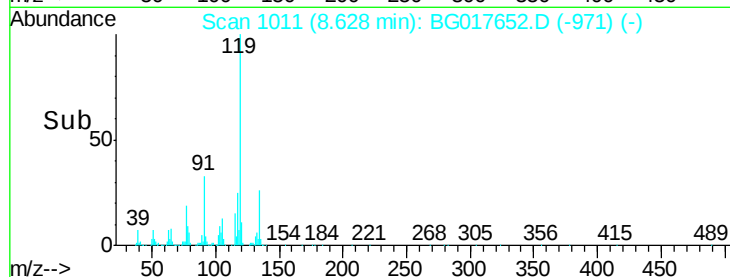
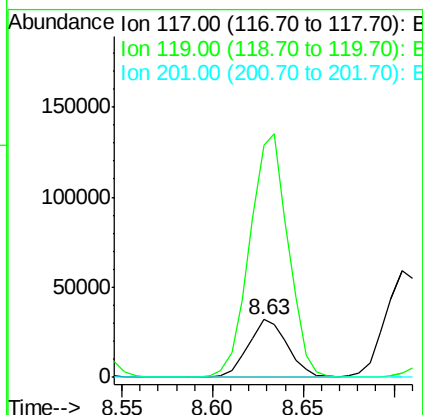
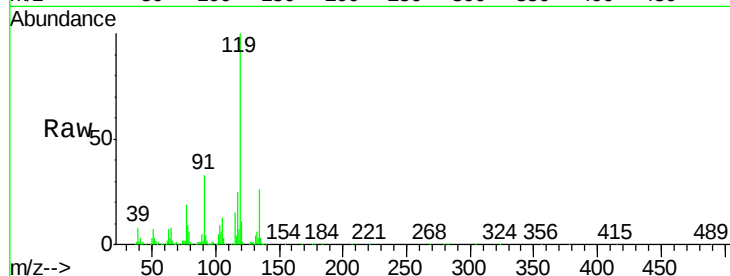




#18
Hexachloroethane
Concen: 85.93 ng
RT: 8.63 min Scan# 1011
Delta R.T. 0.04 min
Lab File: BG017652.D
Acq: 13 Jun 2015 00:13

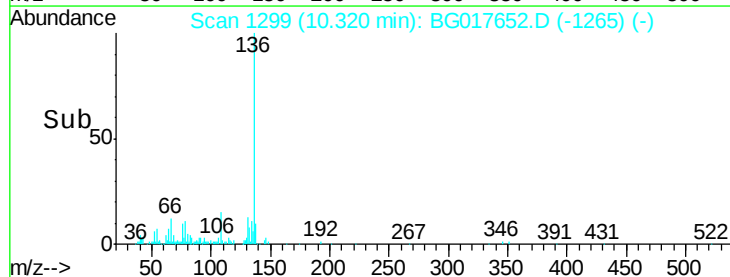
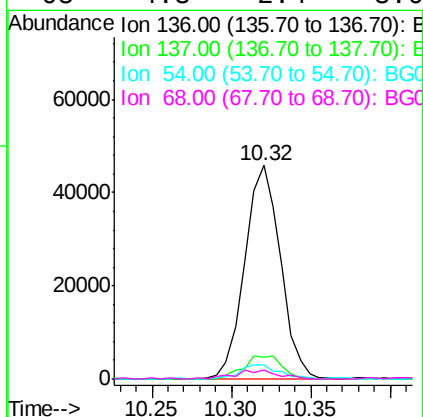
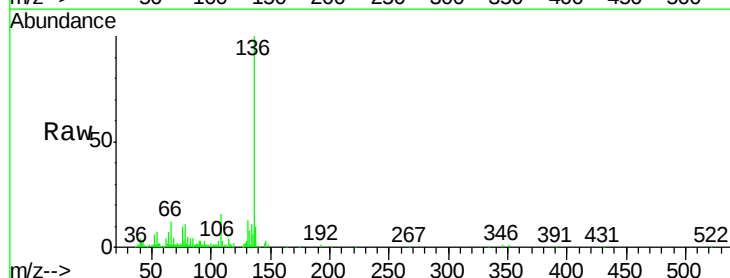
Instrument :
BNA_G
ClientSampleId :
SHB1WDL

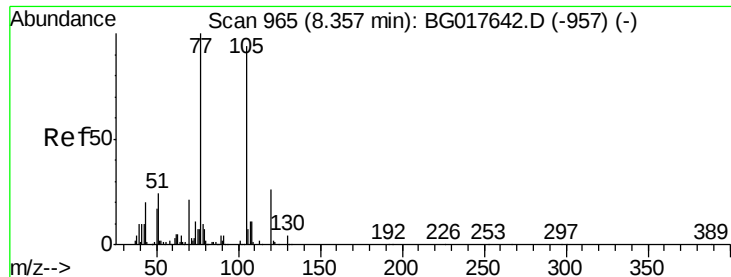
Tgt Ion:117 Resp: 48281
Ion Ratio Lower Upper
117 100
119 402.1 72.8 109.2#
201 0.0 91.0 136.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017652.D
Acq: 13 Jun 2015 00:13

Tgt Ion:136 Resp: 71660
Ion Ratio Lower Upper
136 100
137 9.9 8.7 13.1
54 6.7 4.7 7.1
68 4.3 2.4 3.6#





#22

Acetophenone

Concen: 18.92 ng

RT: 8.33 min Scan# 960

Delta R.T. -0.03 min

Lab File: BG017652.D

Acq: 13 Jun 2015 00:13

Instrument :

BNA_G

ClientSampleId :

SHB1WDL

Tgt Ion:105 Resp: 33527

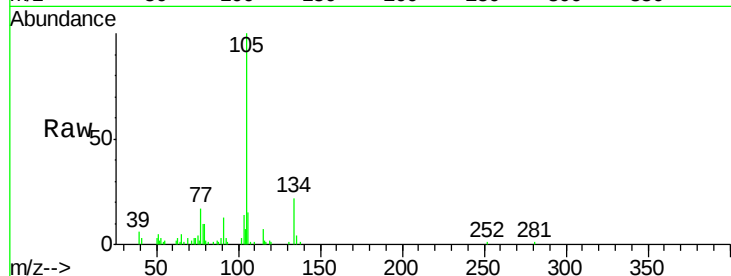
Ion Ratio Lower Upper

105 100

71 1.6 2.8 4.2#

51 5.0 21.5 32.3#

120 0.9 22.2 33.4#



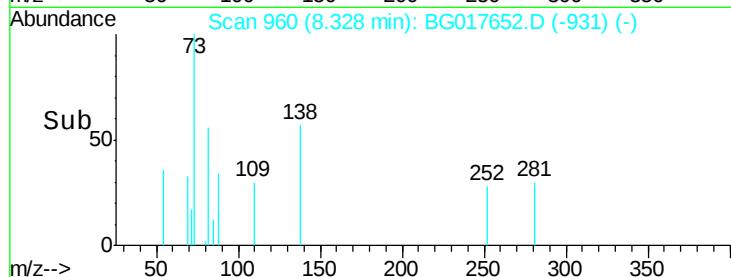
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time--> 8.25 8.30 8.35

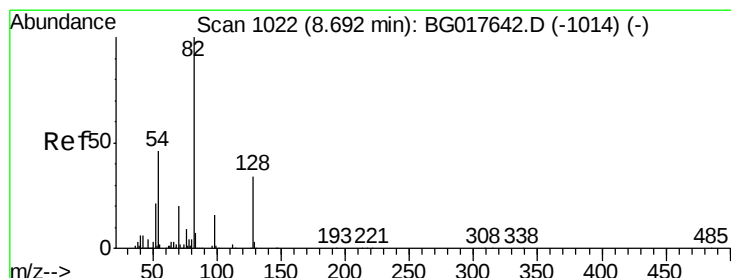


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

Time--> 8.60 8.65 8.70 8.75 8.80



#23

Nitrobenzene-d5

Concen: 15.11 ng

RT: 8.69 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG017652.D

Acq: 13 Jun 2015 00:13

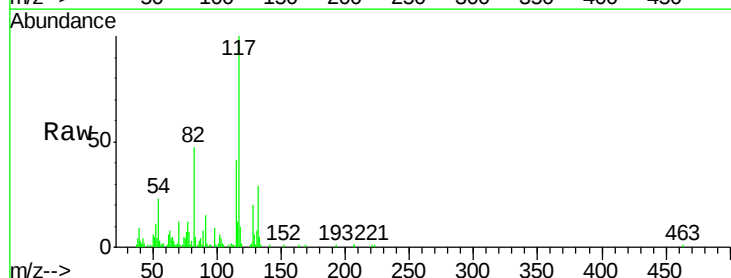
Tgt Ion: 82 Resp: 22211

Ion Ratio Lower Upper

82 100

128 42.2 27.3 40.9#

54 49.2 37.0 55.4

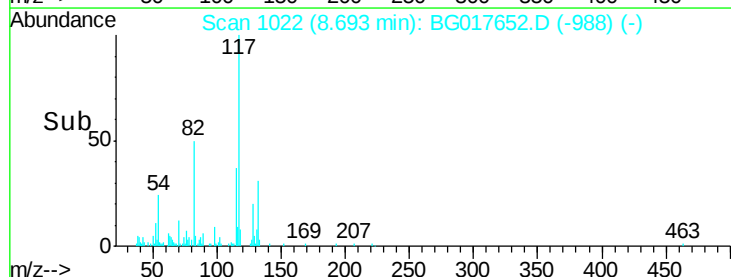


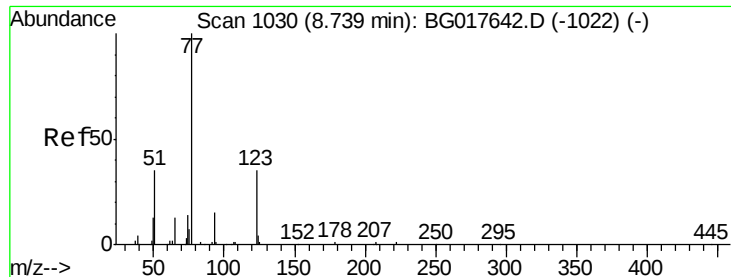
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

Time--> 8.60 8.65 8.70 8.75 8.80

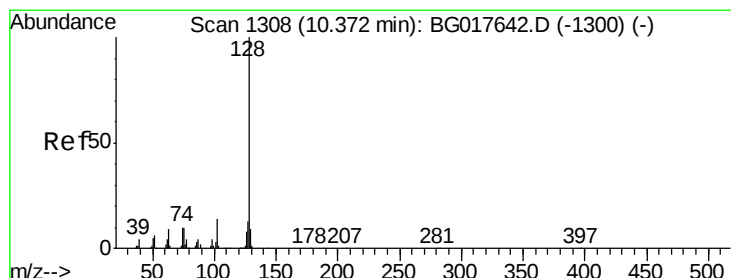
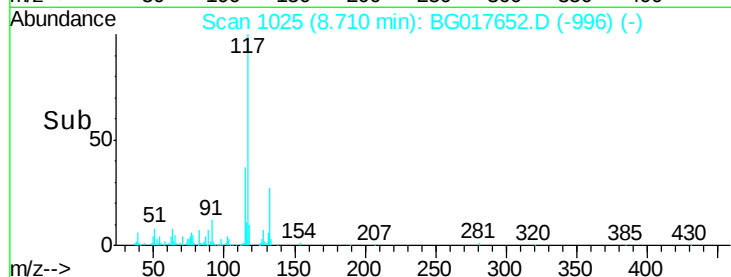
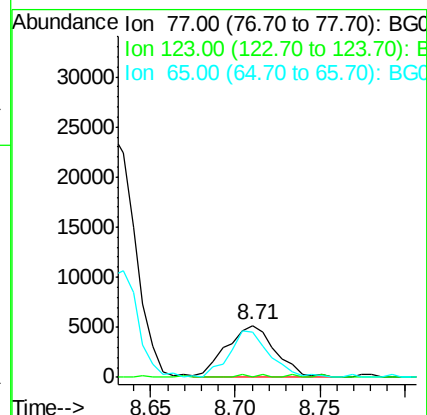
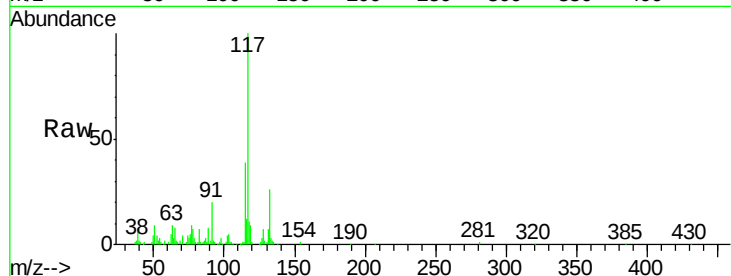




#24
Nitrobenzene
Concen: 6.77 ng
RT: 8.71 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BG017652.D
Acq: 13 Jun 2015 00:13

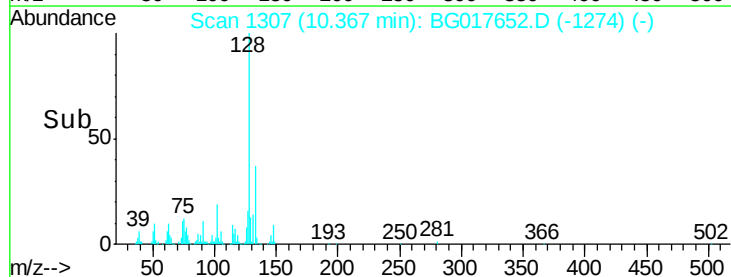
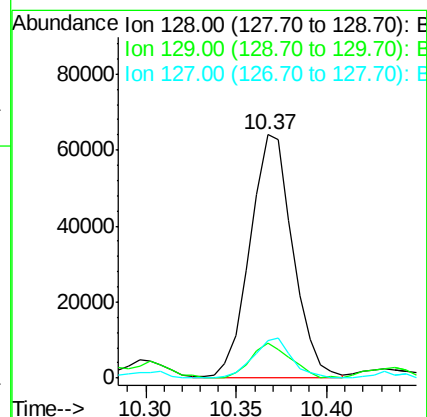
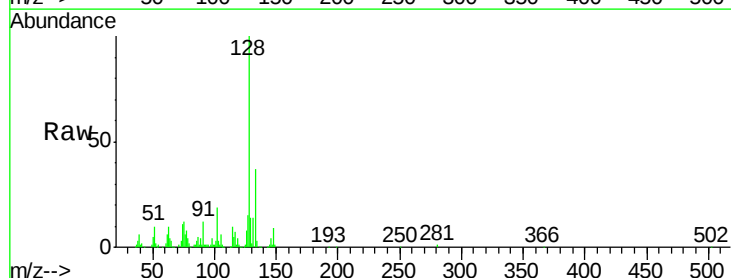
Instrument :
BNA_G
ClientSampleId :
SHB1WDL

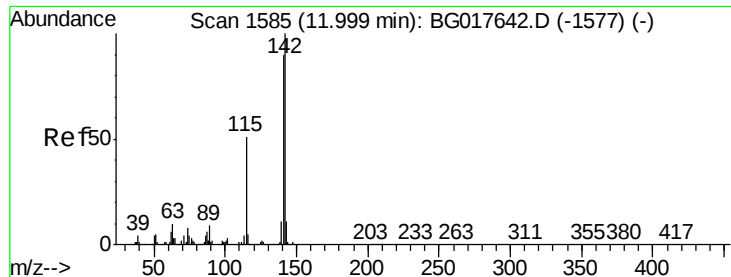
Tgt Ion: 77 Resp: 10428
Ion Ratio Lower Upper
77 100
123 0.0 28.0 42.0#
65 86.2 10.5 15.7#



#31
Naphthalene
Concen: 27.92 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG017652.D
Acq: 13 Jun 2015 00:13

Tgt Ion: 128 Resp: 104851
Ion Ratio Lower Upper
128 100
129 14.1 7.0 10.4#
127 15.4 10.2 15.2#

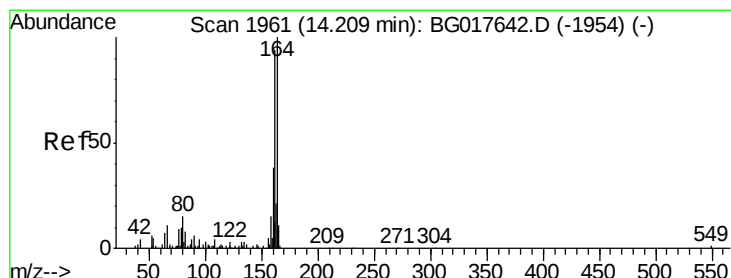
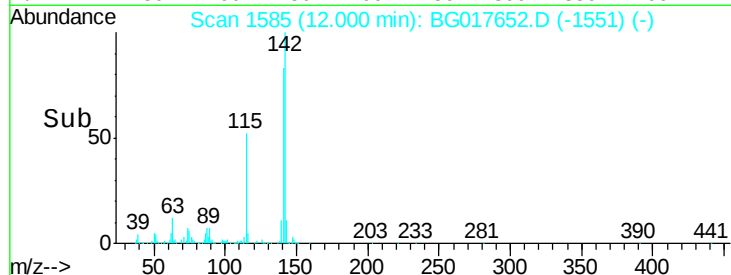
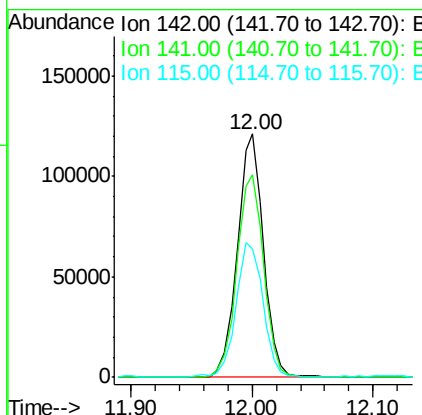
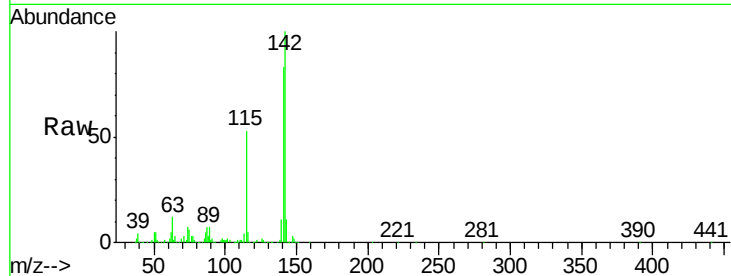




#37
2-Methylnaphthalene
Concen: 62.53 ng
RT: 12.00 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BG017652.D
Acq: 13 Jun 2015 00:13

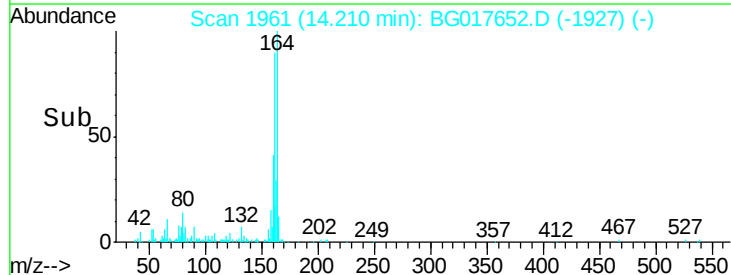
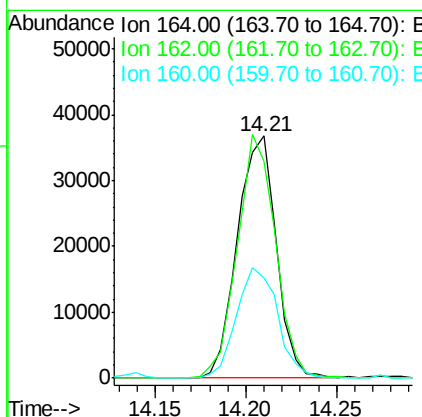
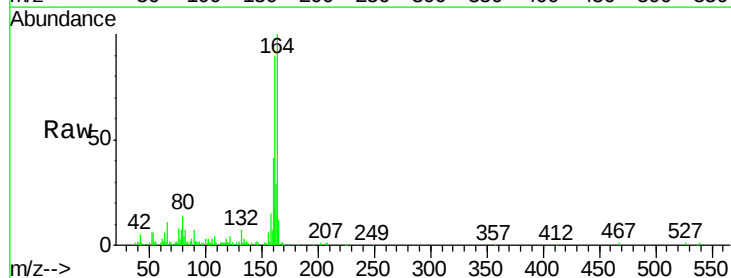
Instrument :
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ClientSampleId :
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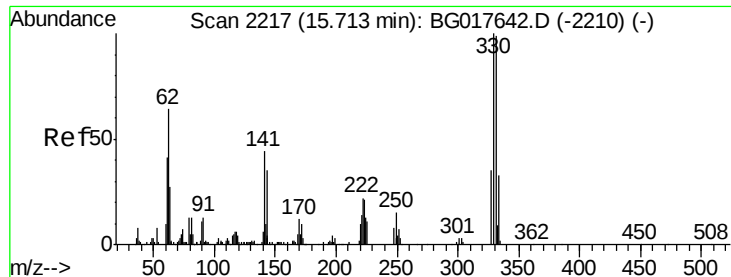
Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.0	71.8	107.8
115	52.7	41.0	61.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.21 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG017652.D
Acq: 13 Jun 2015 00:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	89.6	75.0	112.4
160	41.4	30.3	45.5

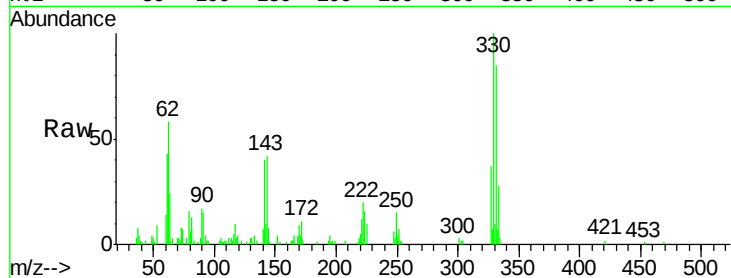




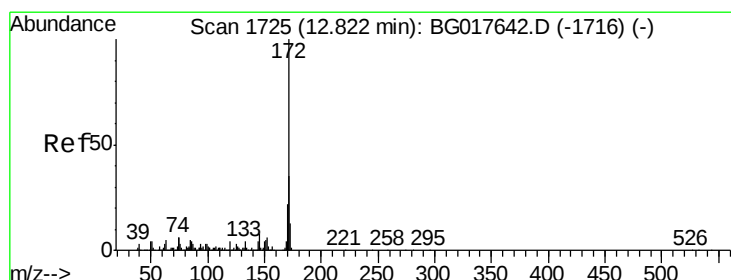
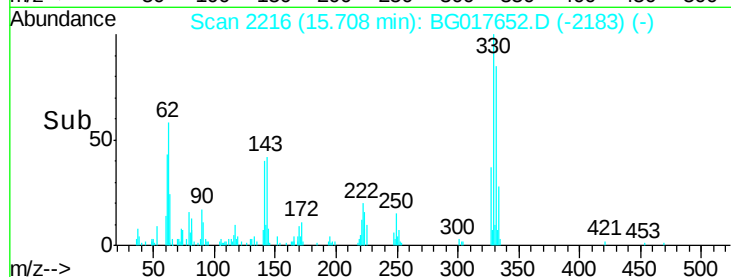
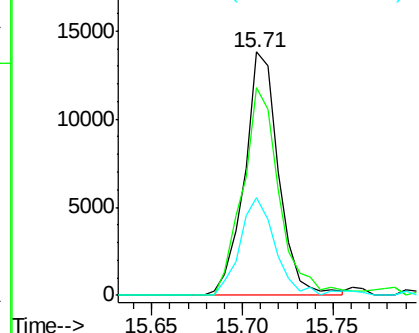
#41
 2,4,6-Tribromophenol
 Concen: 22.92 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017652.D
 Acq: 13 Jun 2015 00:13

Instrument :
 BNA_G
 ClientSampleId :
 SHB1WDL

Tgt Ion:330 Resp: 18097
 Ion Ratio Lower Upper
 330 100
 332 92.1 76.6 114.8
 141 40.8 34.6 51.8

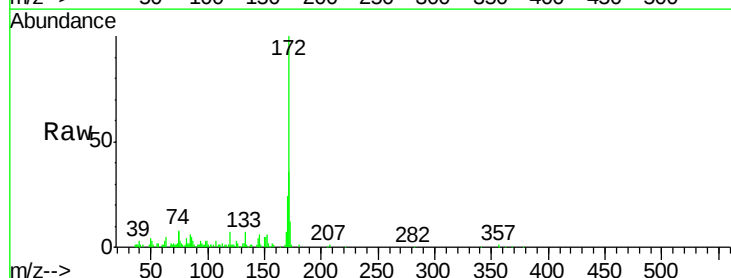


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

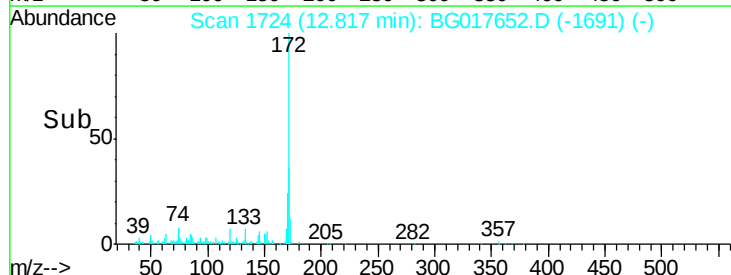
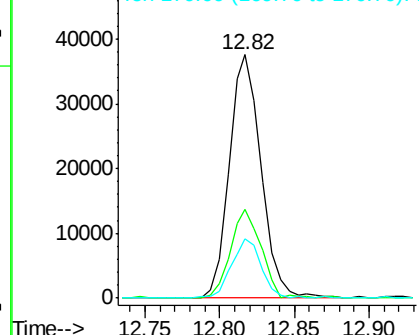


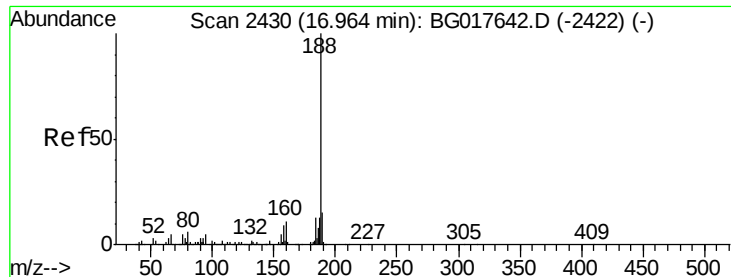
#44
 2-Fluorobiphenyl
 Concen: 15.24 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017652.D
 Acq: 13 Jun 2015 00:13

Tgt Ion:172 Resp: 56043
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.2 42.2
 170 24.4 17.4 26.2



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG017652.D

Acq: 13 Jun 2015 00:13

Instrument :

BNA_G

ClientSampleId :

SHB1WDL

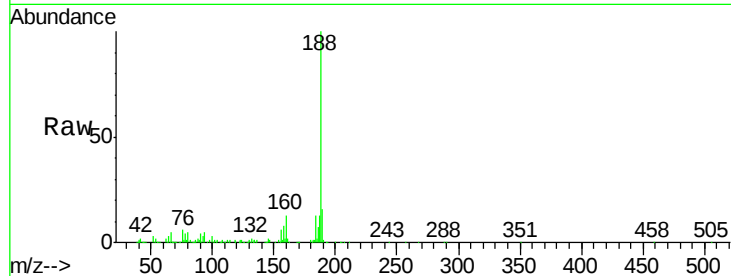
Tgt Ion:188 Resp: 158026

Ion Ratio Lower Upper

188 100

94 4.9 3.9 5.9

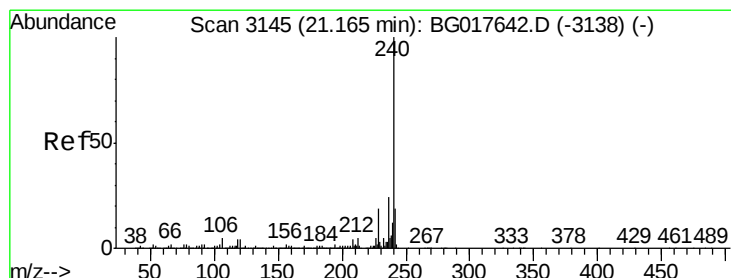
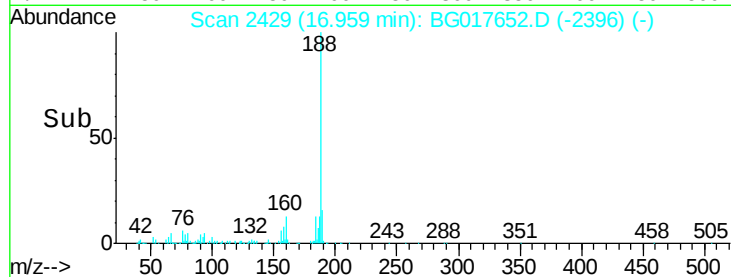
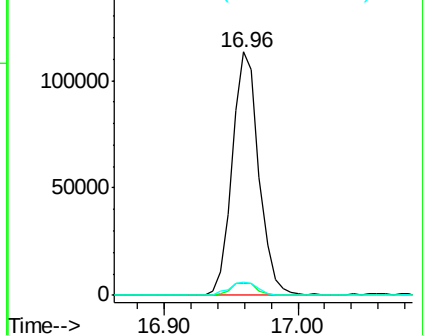
80 5.3 5.0 7.6



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: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017652.D

Acq: 13 Jun 2015 00:13

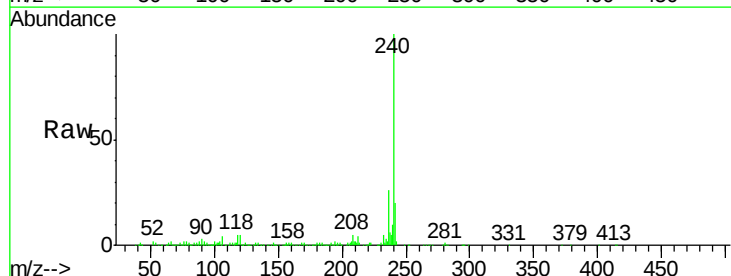
Tgt Ion:240 Resp: 242708

Ion Ratio Lower Upper

240 100

120 5.4 3.5 5.3#

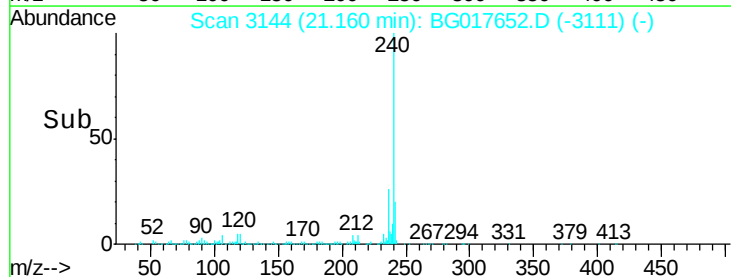
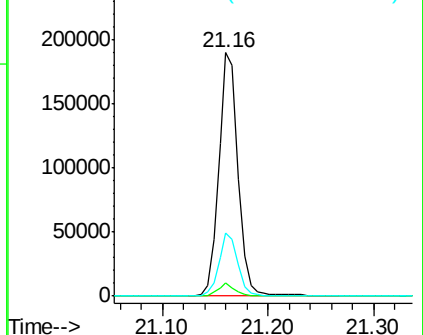
236 25.7 19.5 29.3

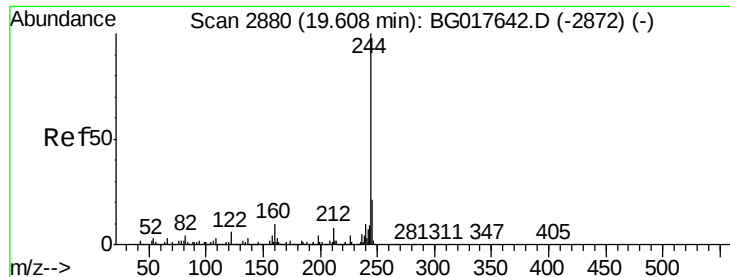


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 12.50 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017652.D

Acq: 13 Jun 2015 00:13

Instrument :

BNA_G

ClientSampleId :

SHB1WDL

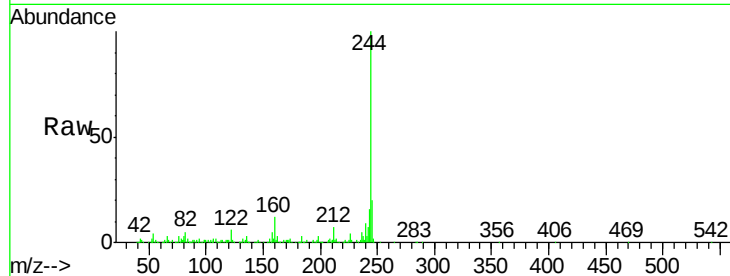
Tgt Ion:244 Resp: 147136

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

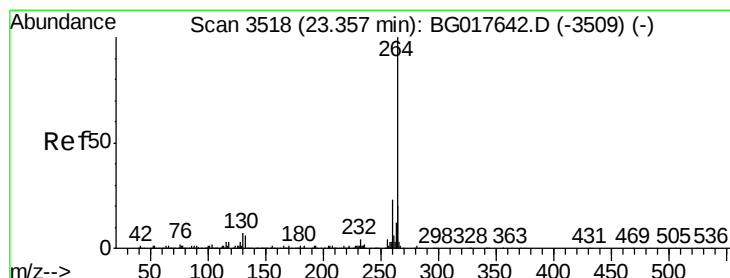
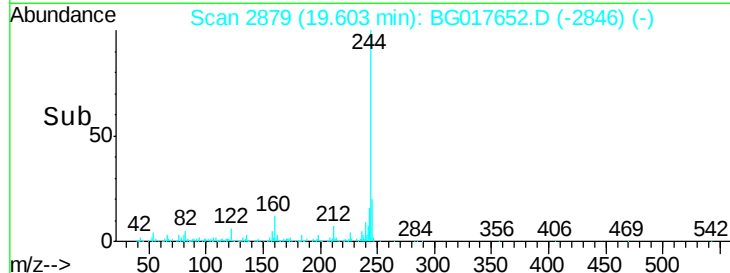
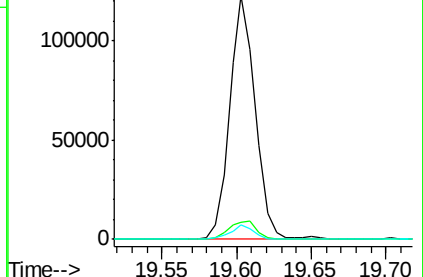
122 6.0 4.6 6.8



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: 23.36 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG017652.D

Acq: 13 Jun 2015 00:13

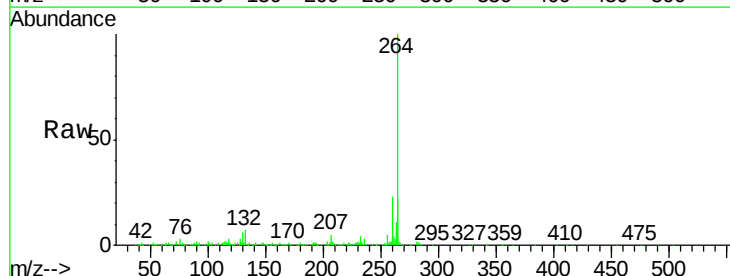
Tgt Ion:264 Resp: 237130

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 22.2 16.2 24.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

