

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050115\
 Data File : BG016847.D
 Acq On : 1 May 2015 16:29
 Operator : TP/IZ
 Sample : G2012-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FYMW-02A

Quant Time: May 02 00:03:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 23:47:41 2015
 Response via : Initial Calibration

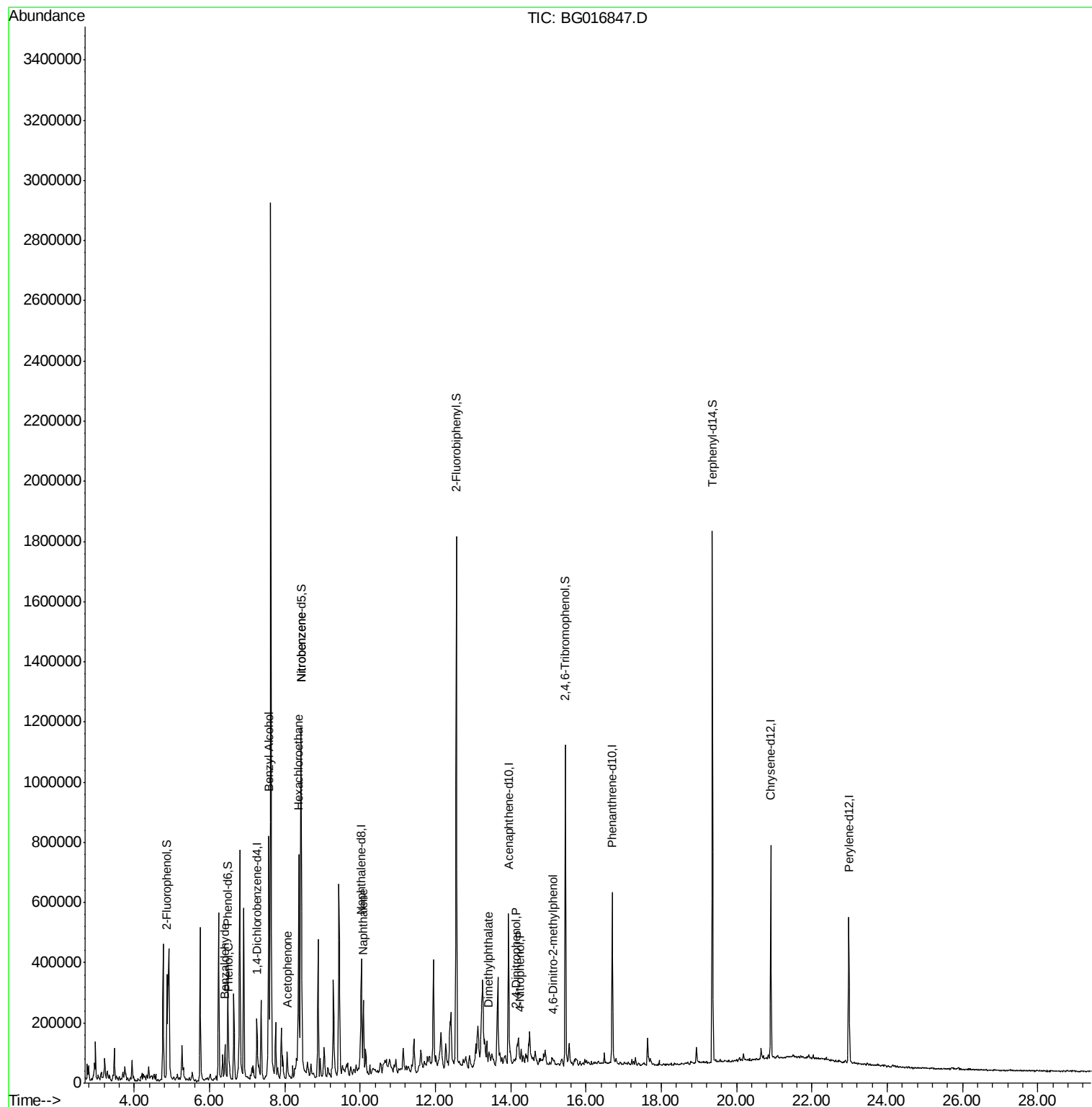
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	60938	20.00	ng	0.00
21) Naphthalene-d8	10.03	136	289428	20.00	ng	0.00
38) Acenaphthene-d10	13.94	164	165766	20.00	ng	0.00
63) Phenanthrene-d10	16.70	188	333550	20.00	ng	0.00
75) Chrysene-d12	20.91	240	278446	20.00	ng	0.00
86) Perylene-d12	22.98	264	255174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.87	112	196024	59.25	ng	0.00
7) Phenol-d6	6.48	99	171950	37.03	ng	0.00
23) Nitrobenzene-d5	8.42	82	368581	82.96	ng	0.00
41) 2,4,6-Tribromophenol	15.45	330	159364	129.08	ng	0.00
44) 2-Fluorobiphenyl	12.55	172	874858	81.71	ng	0.00
78) Terphenyl-d14	19.36	244	671782	58.19	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.41	77	8478	3.20	ng	# 1
10) Phenol	6.51	94	14734	3.09	ng	76
15) Benzyl Alcohol	7.58	79	9503	3.28	ng	# 35
18) Hexachloroethane	8.36	117	99285	61.48	ng	# 1
22) Acetophenone	8.06	105	52732	9.08	ng	# 52
24) Nitrobenzene	8.43	77	20546	4.90	ng	# 1
31) Naphthalene	10.08	128	144256	9.99	ng	97
49) Dimethylphthalate	13.42	163	24922	2.10	ng	# 87
53) 2,4-Dinitrophenol	14.15	184	111	5.35	ng	# 1
55) 4-Nitrophenol	14.25	139	501	6.43	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.11	198	55	6.25	ng	# 1

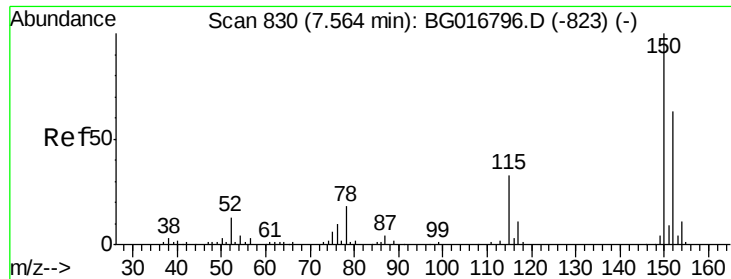
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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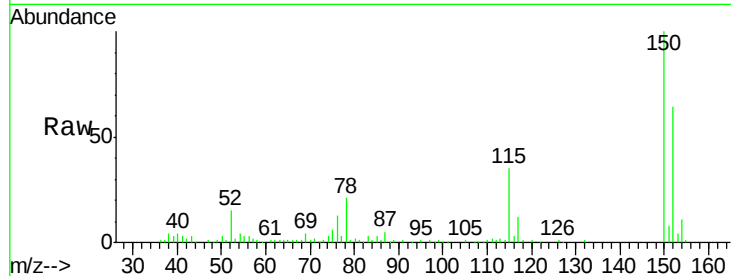


#1

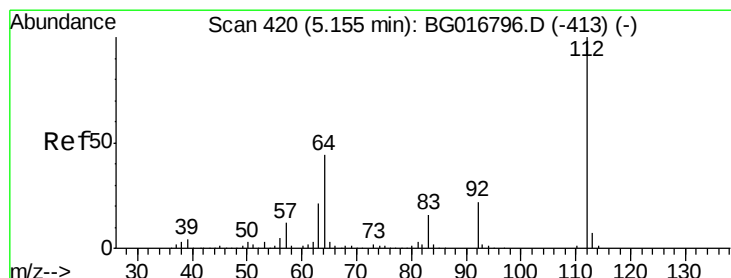
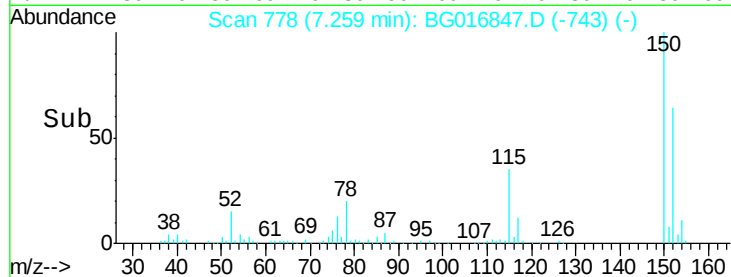
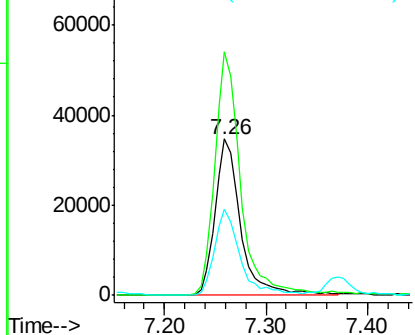
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 778
Delta R.T. 0.00 min
Lab File: BG016847.D
Acq: 1 May 2015 16:29

Instrument :
BNA_G
ClientSampleId :
FYMW-02A

Tgt Ion:152 Resp: 60938
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.4
115 55.3 41.1 61.7



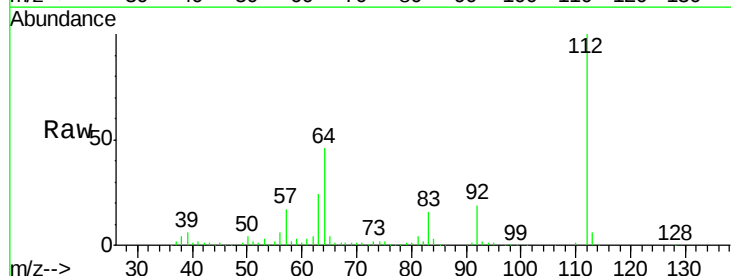
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



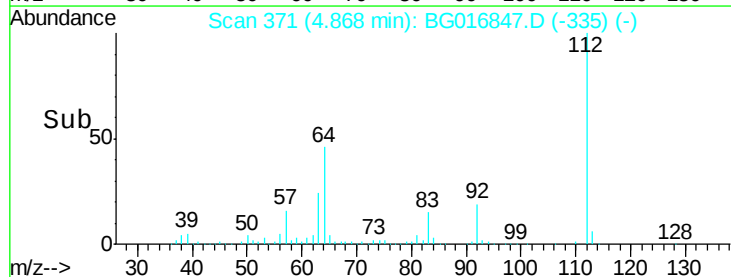
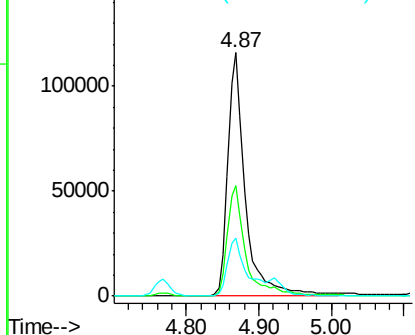
#5

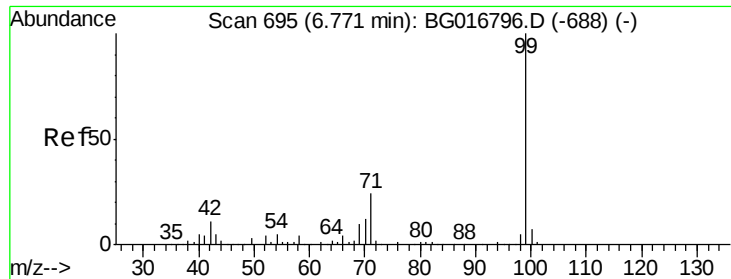
2-Fluorophenol
Concen: 59.25 ng
RT: 4.87 min Scan# 371
Delta R.T. 0.01 min
Lab File: BG016847.D
Acq: 1 May 2015 16:29

Tgt Ion:112 Resp: 196024
Ion Ratio Lower Upper
112 100
64 45.6 35.5 53.3
63 23.7 17.2 25.8



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: 37.03 ng

RT: 6.48 min Scan# 646

Delta R.T. 0.01 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

Instrument :

BNA_G

ClientSampleId :

FYMW-02A

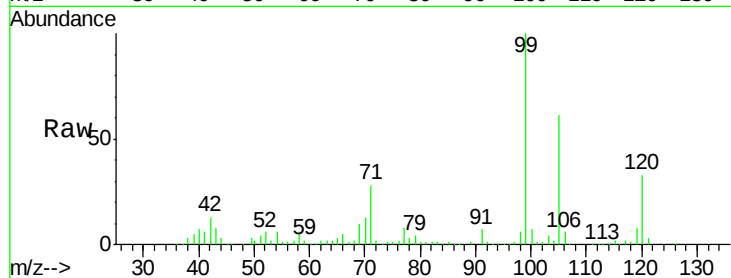
Tgt Ion: 99 Resp: 171950

Ion Ratio Lower Upper

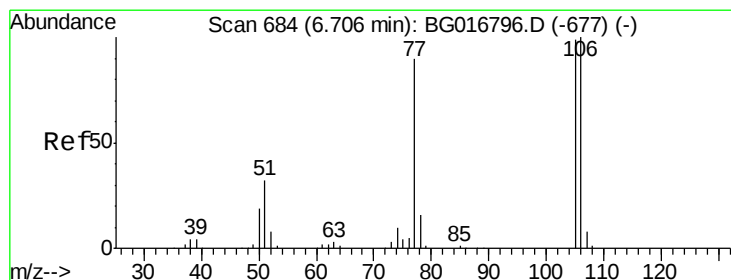
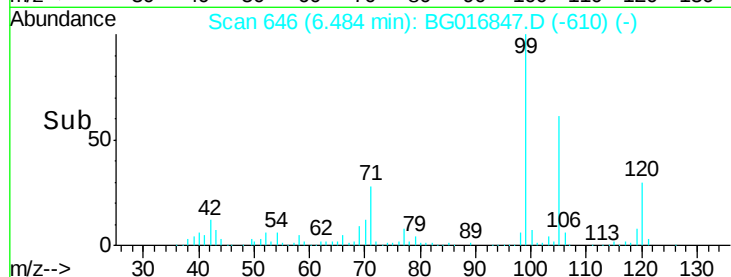
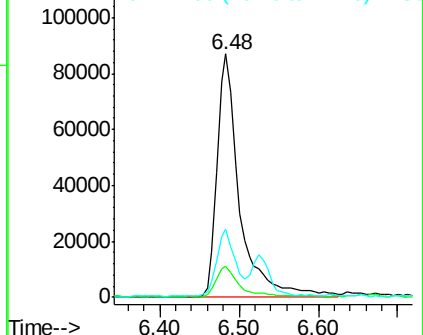
99 100

42 12.6 8.9 13.3

71 27.8 19.0 28.6



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



#9

Benzaldehyde

Concen: 3.20 ng

RT: 6.41 min Scan# 633

Delta R.T. 0.00 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

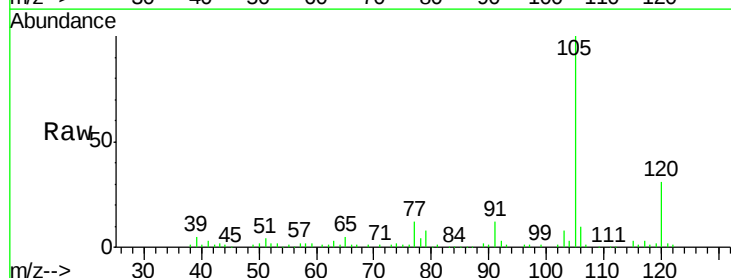
Tgt Ion: 77 Resp: 8478

Ion Ratio Lower Upper

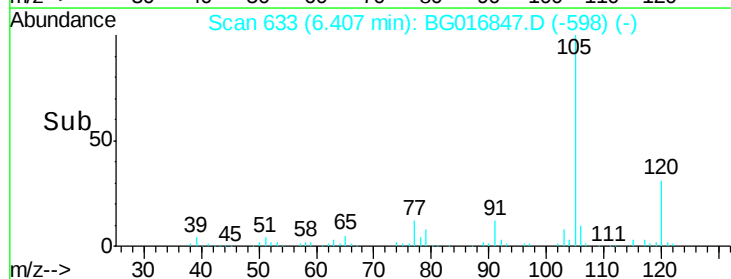
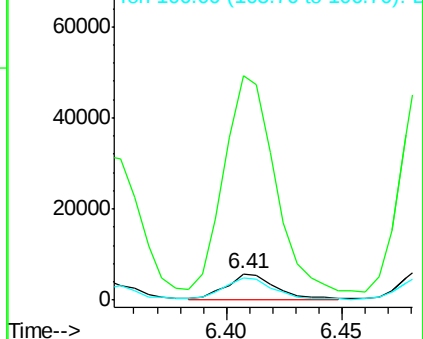
77 100

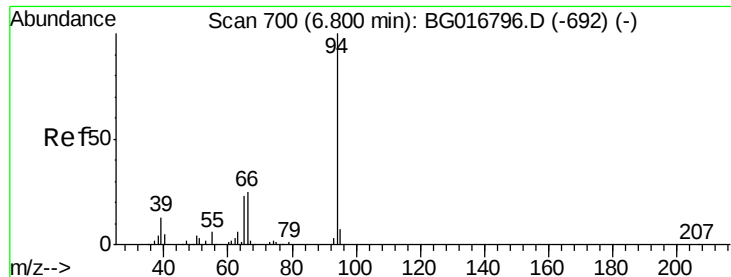
105 849.1 89.9 129.9#

106 82.1 91.2 131.2#



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





#10

Phenol

Concen: 3.09 ng

RT: 6.51 min Scan# 650

Delta R.T. 0.00 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

Instrument :

BNA_G

ClientSampleId :

FYMW-02A

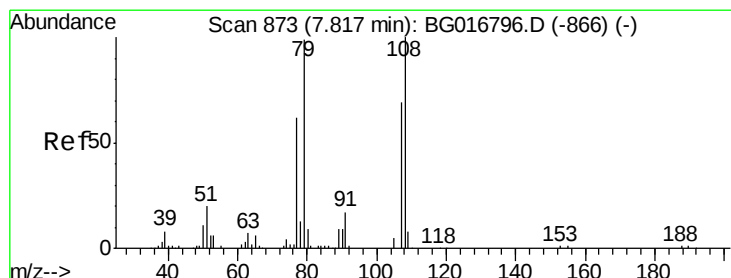
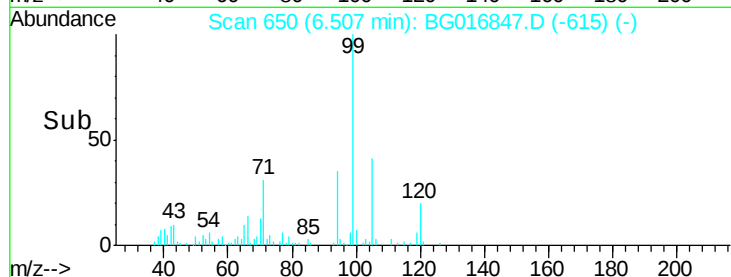
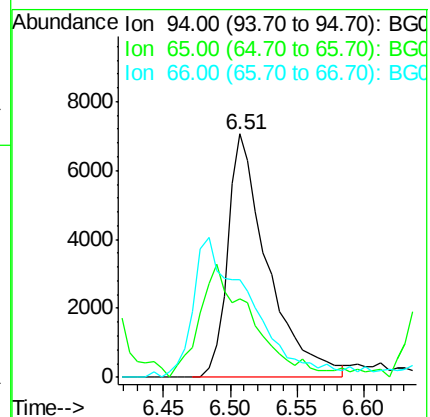
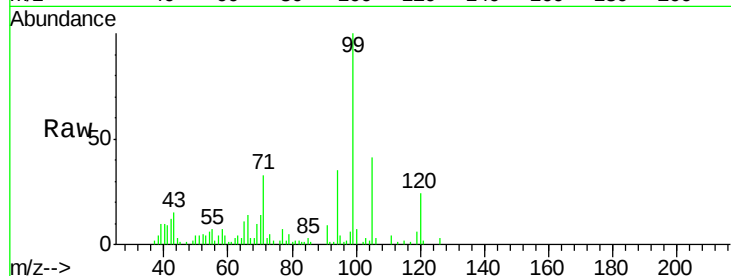
Tgt Ion: 94 Resp: 14734

Ion Ratio Lower Upper

94 100

65 32.4 3.0 43.0

66 40.3 6.3 46.3



#15

Benzyl Alcohol

Concen: 3.28 ng

RT: 7.58 min Scan# 832

Delta R.T. 0.06 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

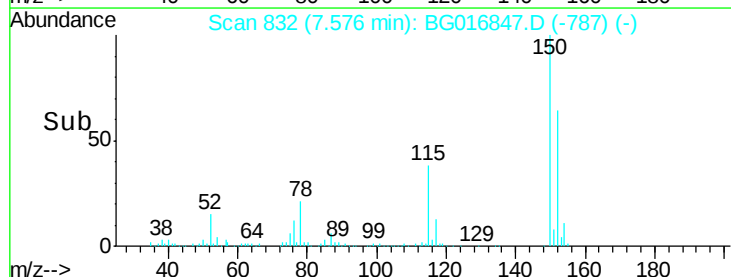
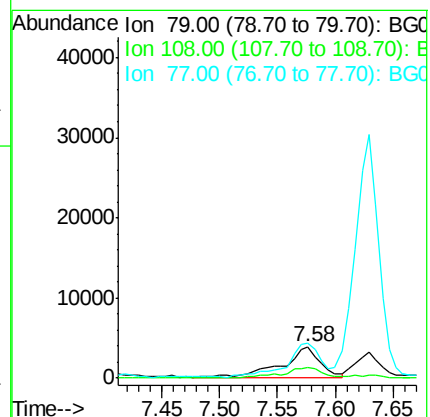
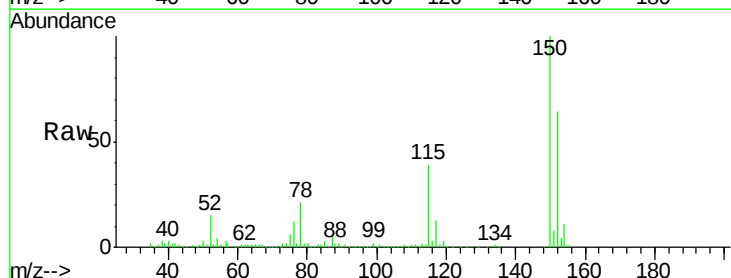
Tgt Ion: 79 Resp: 9503

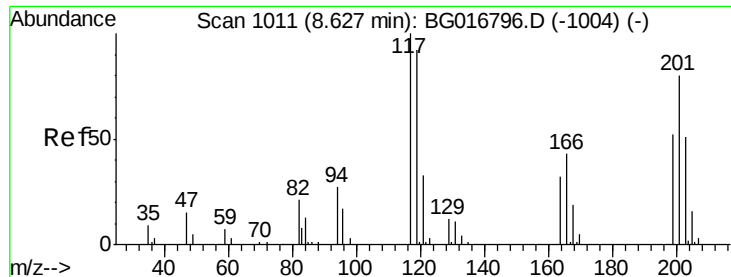
Ion Ratio Lower Upper

79 100

108 32.3 80.6 121.0#

77 109.9 50.2 75.2#





#18

Hexachloroethane

Concen: 61.48 ng

RT: 8.36 min Scan# 966

Delta R.T. 0.05 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

Instrument :

BNA_G

ClientSampleId :

FYMW-02A

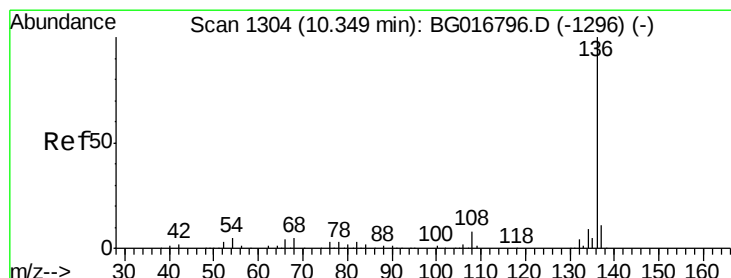
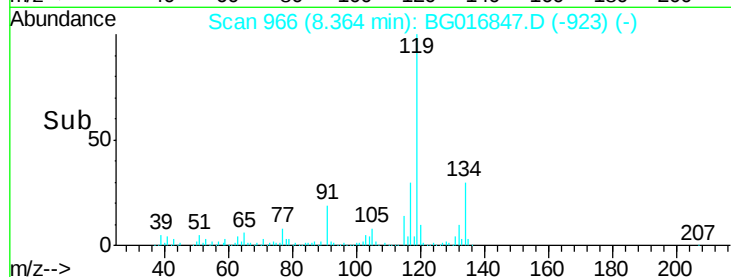
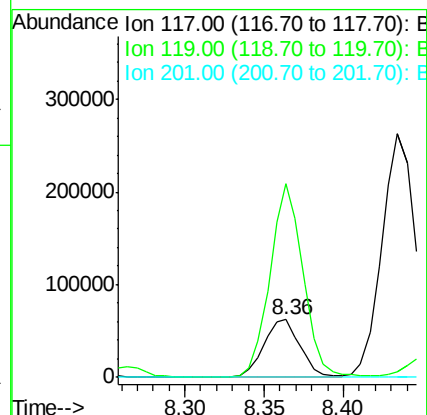
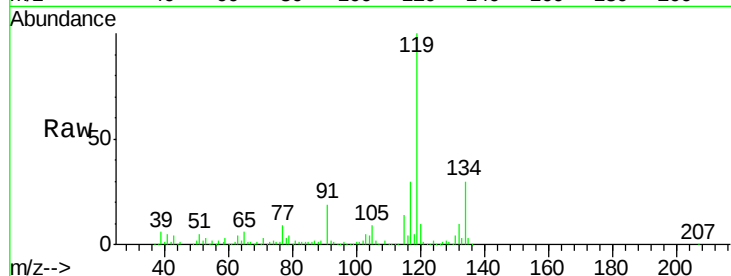
Tgt Ion:117 Resp: 99285

Ion Ratio Lower Upper

117 100

119 336.2 74.0 111.0#

201 0.0 63.7 95.5#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.03 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

Tgt Ion:136 Resp: 289428

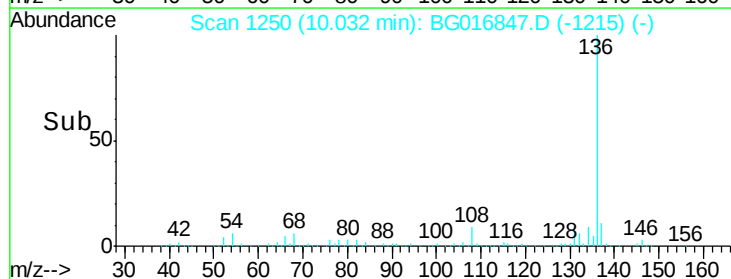
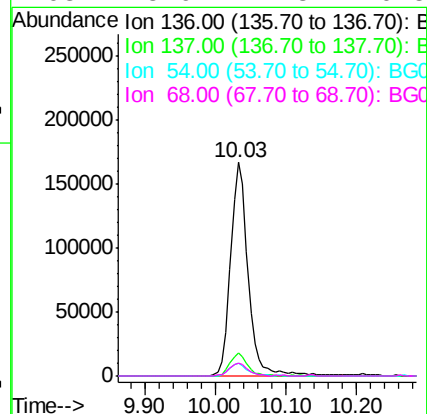
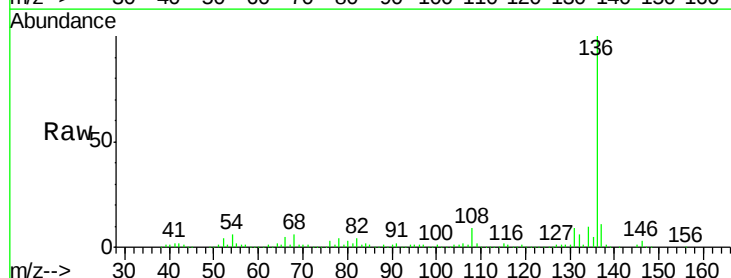
Ion Ratio Lower Upper

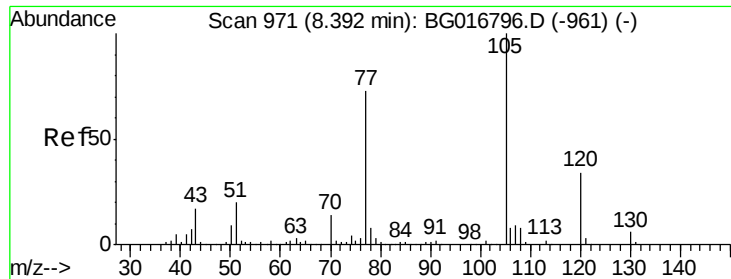
136 100

137 11.0 8.6 12.8

54 6.2 4.3 6.5

68 5.9 4.3 6.5





#22

Acetophenone

Concen: 9.08 ng

RT: 8.06 min Scan# 914

Delta R.T. -0.03 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

Instrument :

BNA_G

ClientSampleId :

FYMW-02A

Tgt Ion:105 Resp: 52732

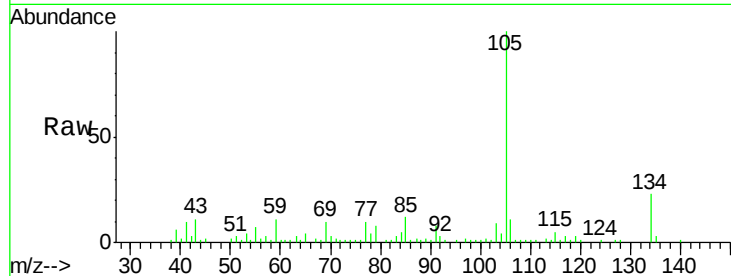
Ion Ratio Lower Upper

105 100

71 2.3 1.9 2.9

51 3.3 16.1 24.1#

120 0.6 26.9 40.3#

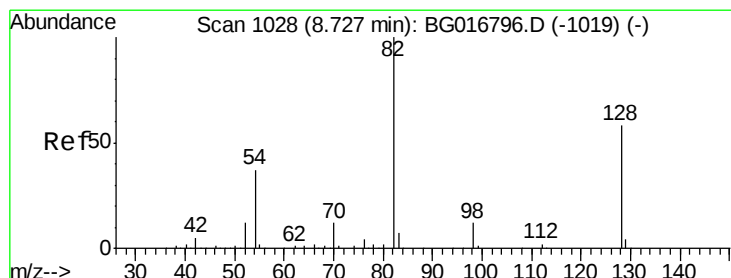
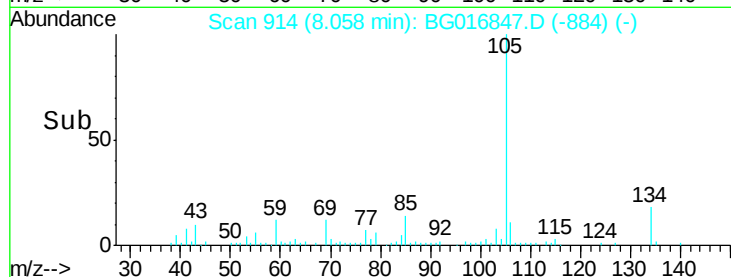
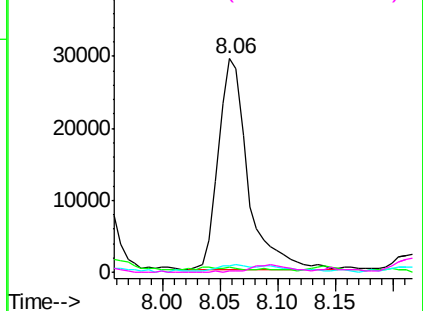


Abundance Ion 105.00 (104.70 to 105.70): E

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



#23

Nitrobenzene-d5

Concen: 82.96 ng

RT: 8.42 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

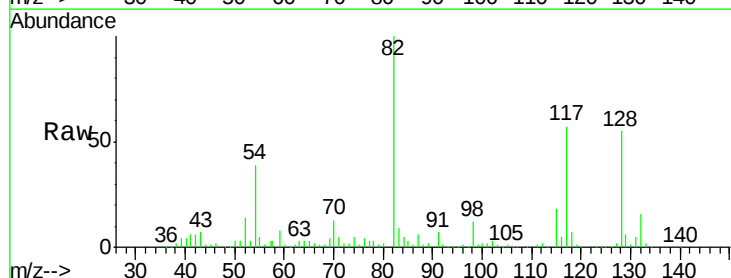
Tgt Ion: 82 Resp: 368581

Ion Ratio Lower Upper

82 100

128 55.3 46.3 69.5

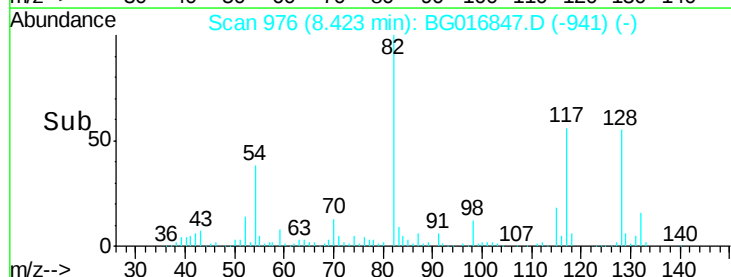
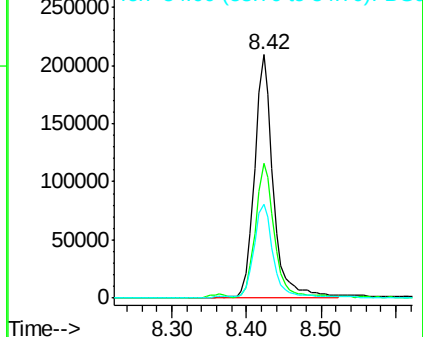
54 38.5 30.0 45.0

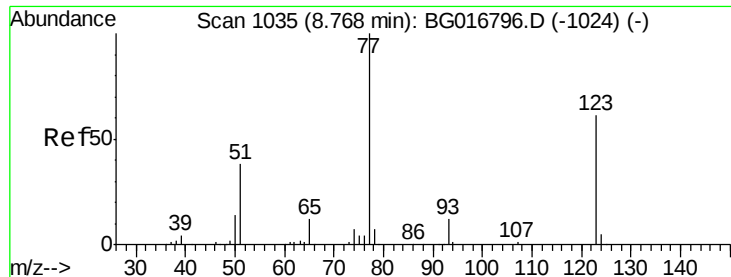


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 4.90 ng

RT: 8.43 min Scan# 978

Delta R.T. -0.03 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

Instrument :

BNA_G

ClientSampleId :

FYMW-02A

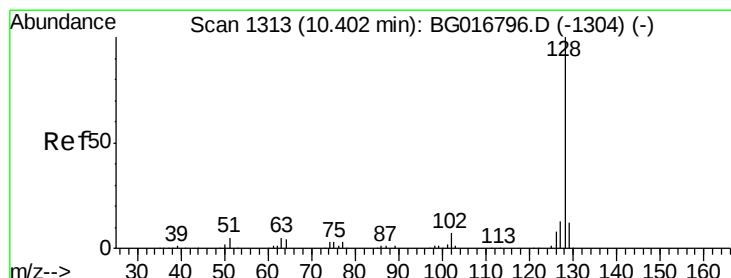
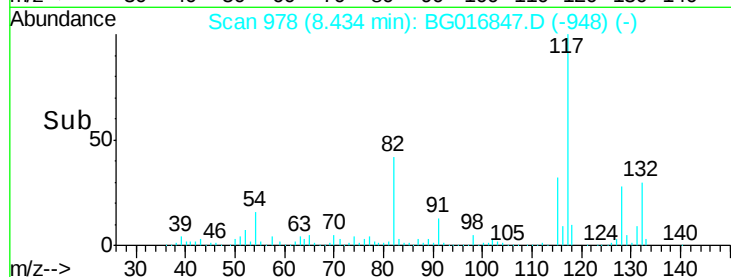
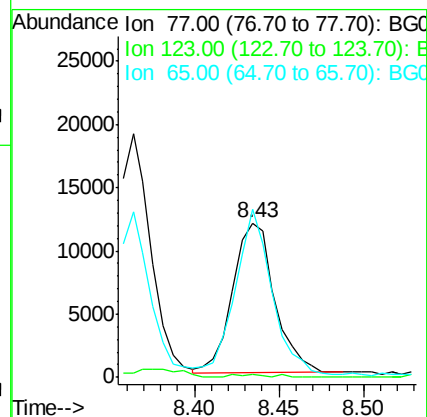
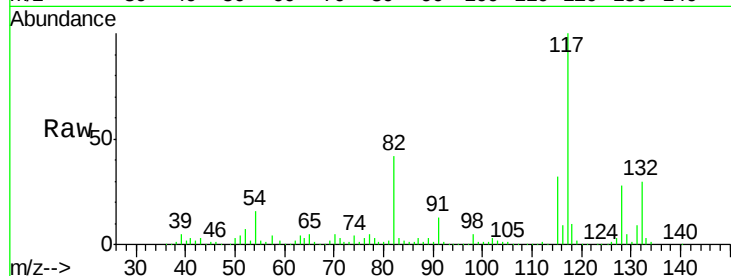
Tgt Ion: 77 Resp: 20546

Ion Ratio Lower Upper

77 100

123 1.8 49.0 73.6#

65 108.8 9.8 14.8#



#31

Naphthalene

Concen: 9.99 ng

RT: 10.08 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

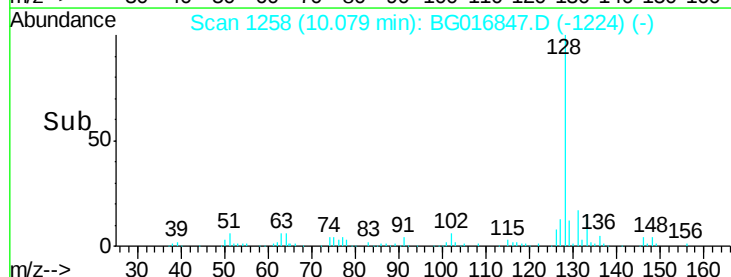
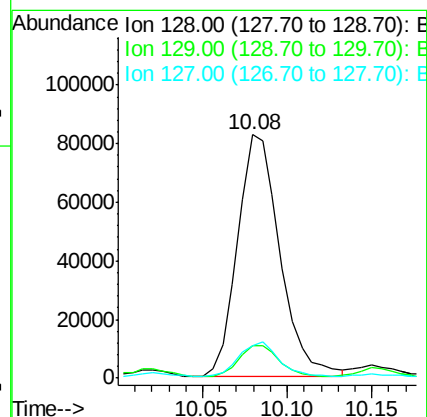
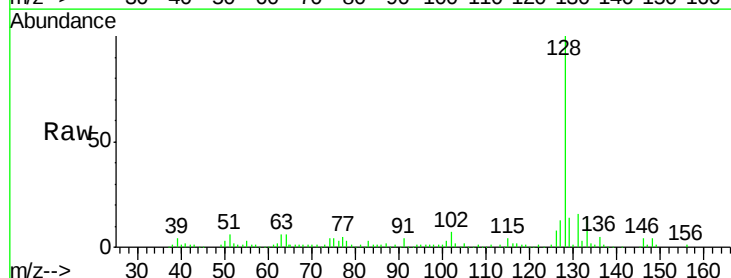
Tgt Ion: 128 Resp: 144256

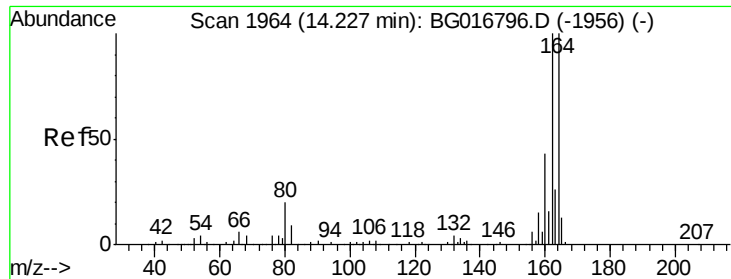
Ion Ratio Lower Upper

128 100

129 13.5 9.4 14.0

127 13.4 10.5 15.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.94 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

Instrument :

BNA_G

ClientSampleId :

FYMW-02A

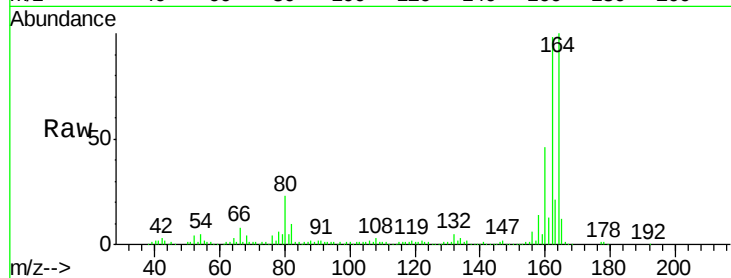
Tgt Ion:164 Resp: 165766

Ion Ratio Lower Upper

164 100

162 97.8 80.2 120.4

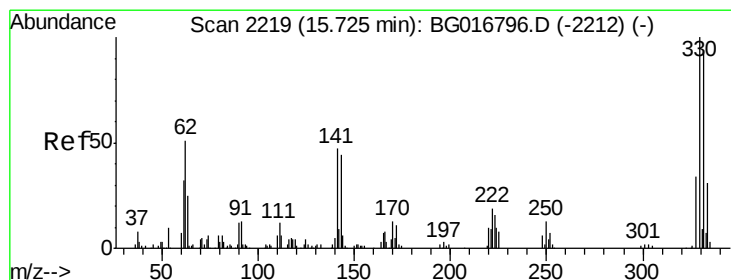
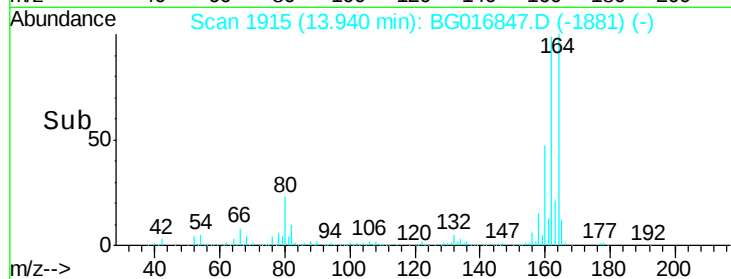
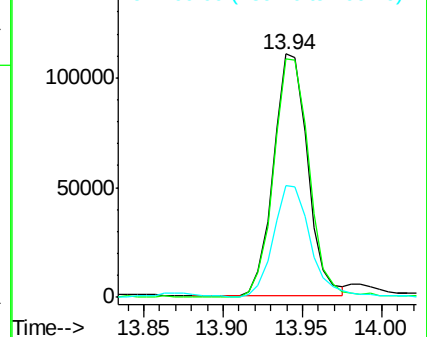
160 46.0 34.8 52.2



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: 129.08 ng

RT: 15.45 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

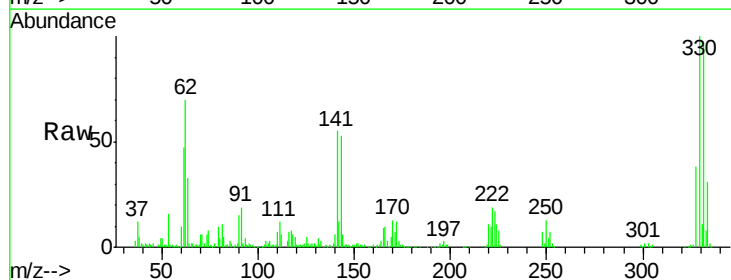
Tgt Ion:330 Resp: 159364

Ion Ratio Lower Upper

330 100

332 96.2 75.3 112.9

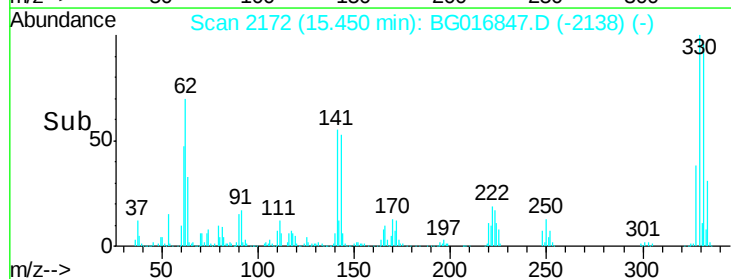
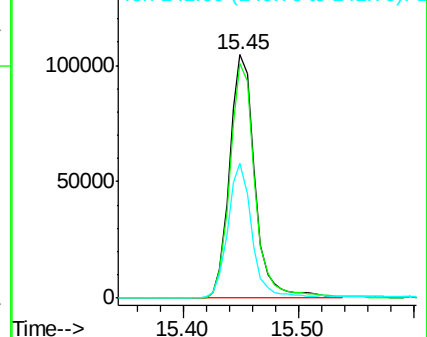
141 52.1 40.7 61.1

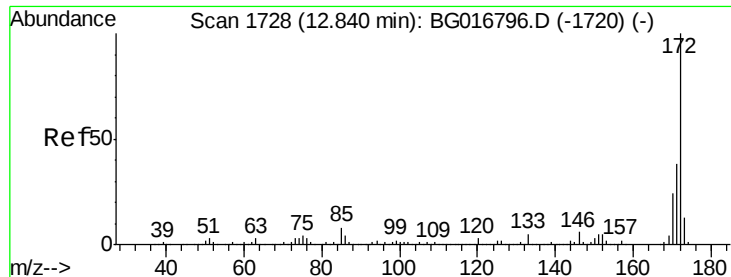


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

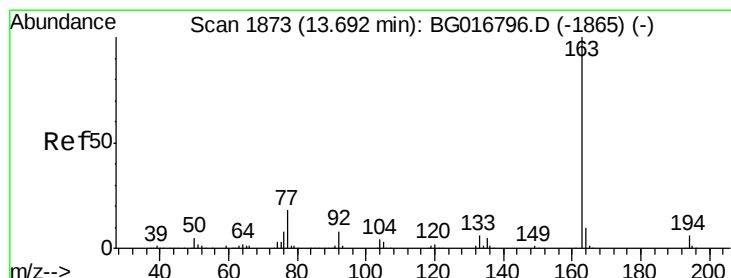
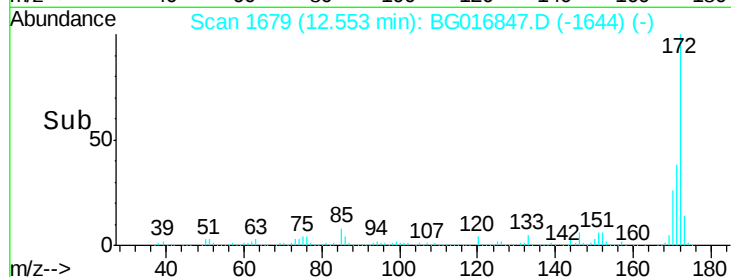
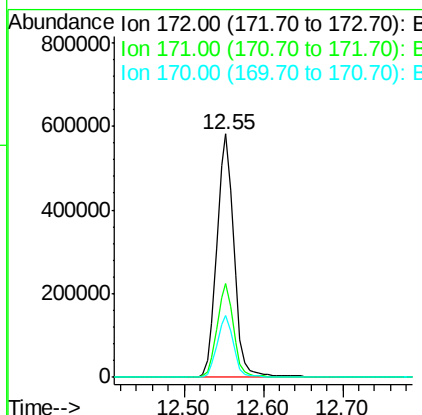
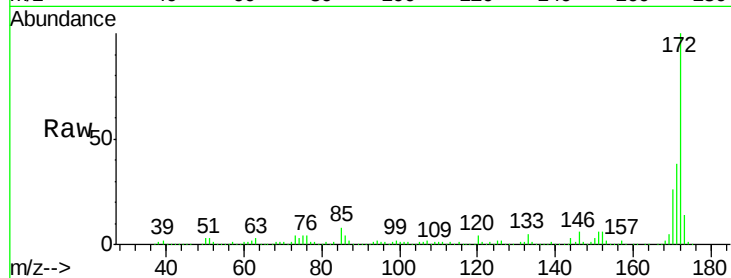




#44
2-Fluorobiphenyl
Concen: 81.71 ng
RT: 12.55 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG016847.D
Acq: 1 May 2015 16:29

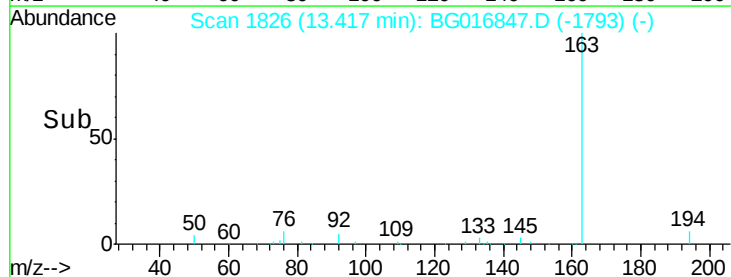
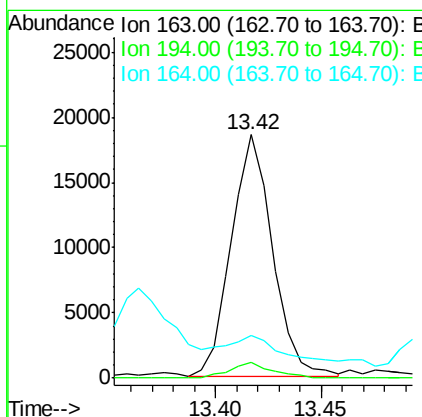
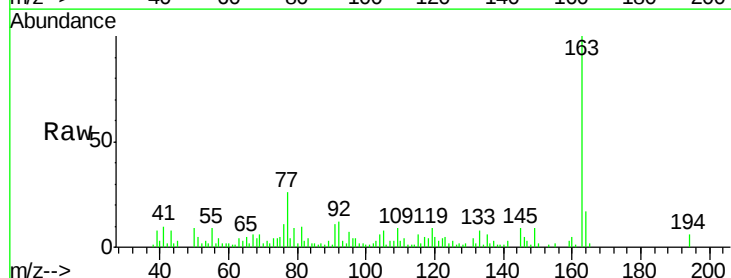
Instrument :
BNA_G
ClientSampleId :
FYMW-02A

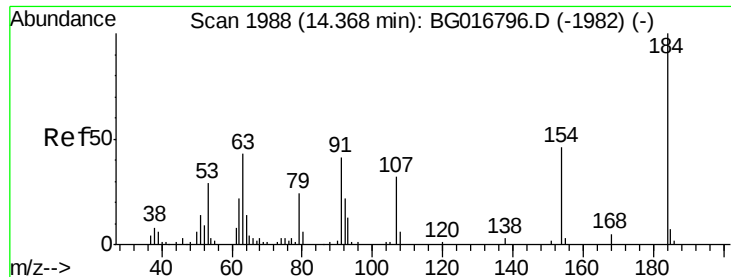
Tgt Ion:172 Resp: 874858
Ion Ratio Lower Upper
172 100
171 38.4 30.2 45.4
170 25.6 19.4 29.0



#49
Dimethylphthalate
Concen: 2.10 ng
RT: 13.42 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BG016847.D
Acq: 1 May 2015 16:29

Tgt Ion:163 Resp: 24922
Ion Ratio Lower Upper
163 100
194 6.3 4.7 7.1
164 17.5 8.2 12.2#

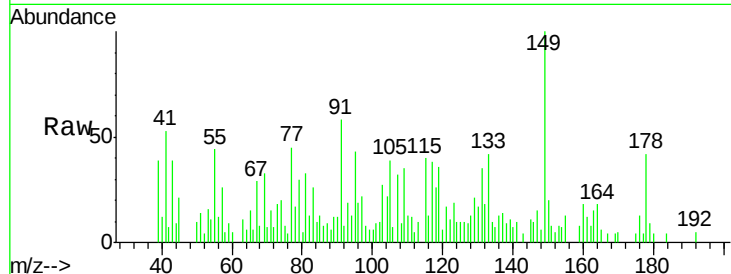




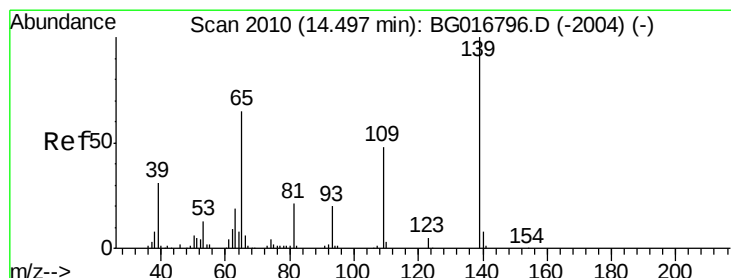
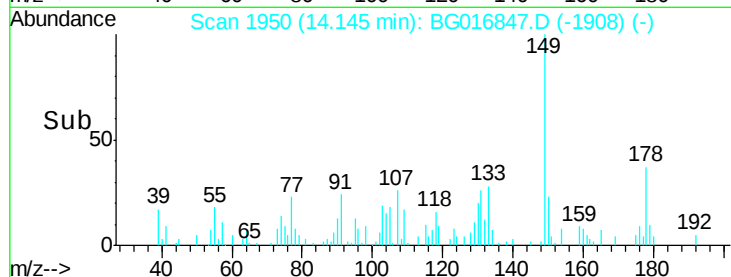
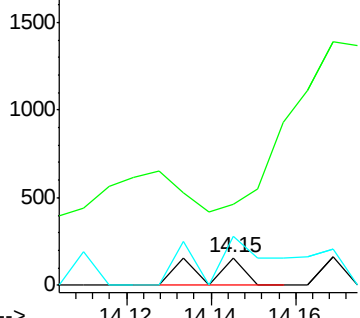
#53
 2,4-Dinitrophenol
 Concen: 5.35 ng
 RT: 14.15 min Scan# 1950
 Delta R.T. 0.04 min
 Lab File: BG016847.D
 Acq: 1 May 2015 16:29

Instrument :
 BNA_G
 ClientSampleId :
 FYMW-02A

Tgt Ion:184 Resp: 111
 Ion Ratio Lower Upper
 184 100
 63 290.5 34.6 51.8#
 154 177.8 36.7 55.1#

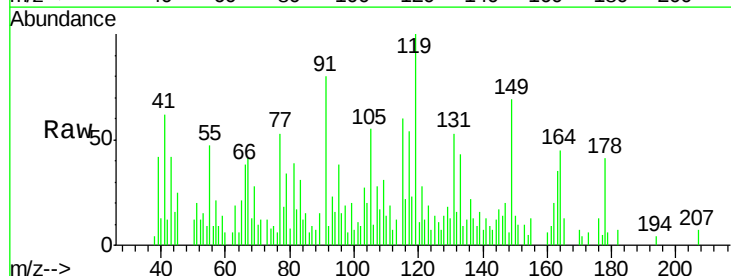


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

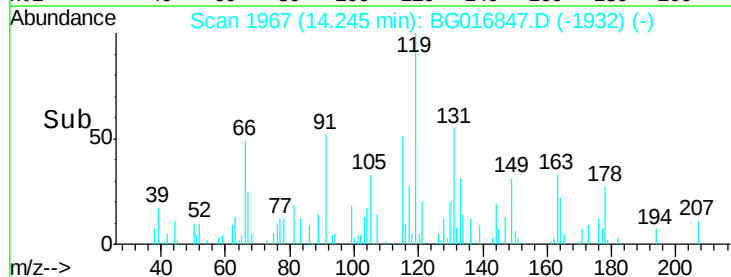
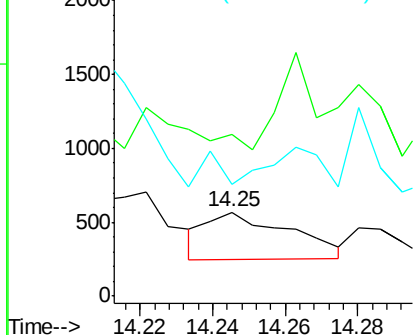


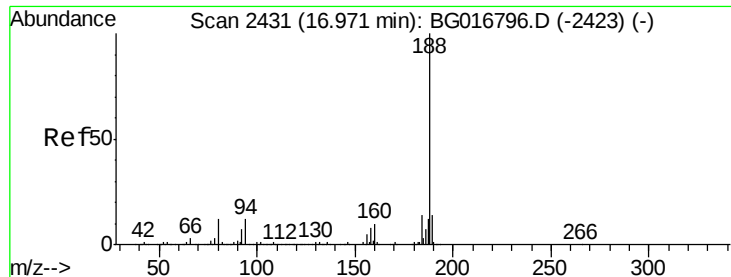
#55
 4-Nitrophenol
 Concen: 6.43 ng
 RT: 14.25 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BG016847.D
 Acq: 1 May 2015 16:29

Tgt Ion:139 Resp: 501
 Ion Ratio Lower Upper
 139 100
 109 193.0 27.8 67.8#
 65 132.5 45.4 85.4#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BG





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.70 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

Instrument :

BNA_G

ClientSampleId :

FYMW-02A

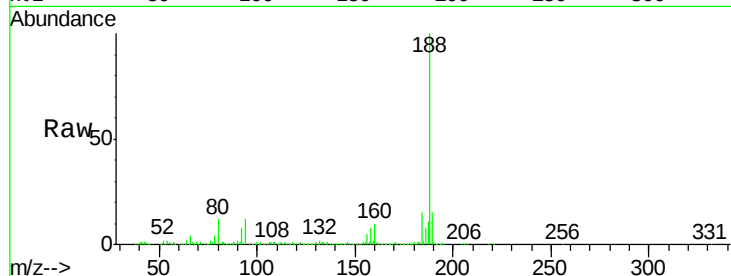
Tgt Ion:188 Resp: 333550

Ion Ratio Lower Upper

188 100

94 12.3 9.5 14.3

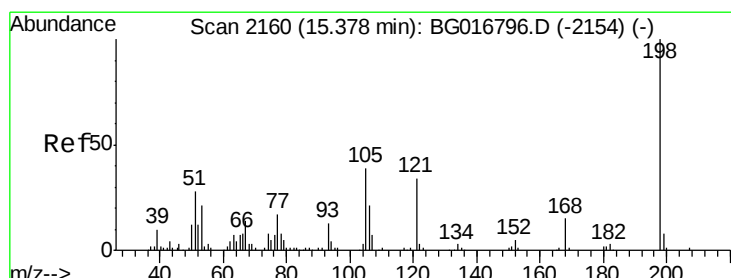
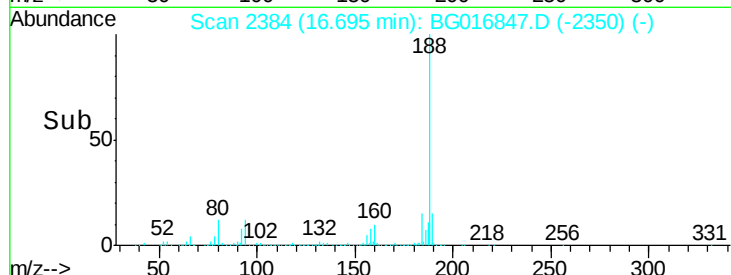
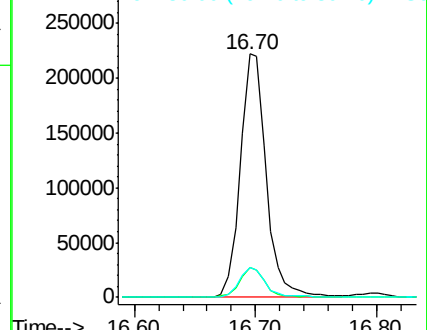
80 12.1 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.25 ng

RT: 15.11 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

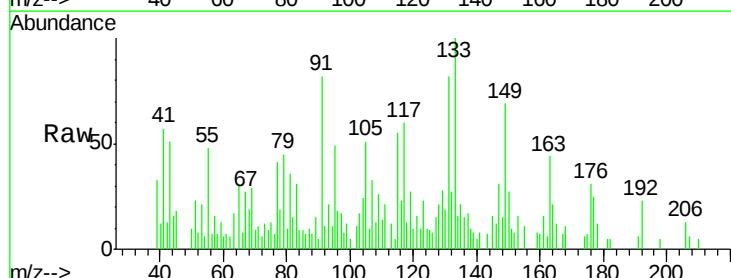
Tgt Ion:198 Resp: 55

Ion Ratio Lower Upper

198 100

51 496.8 9.6 49.6#

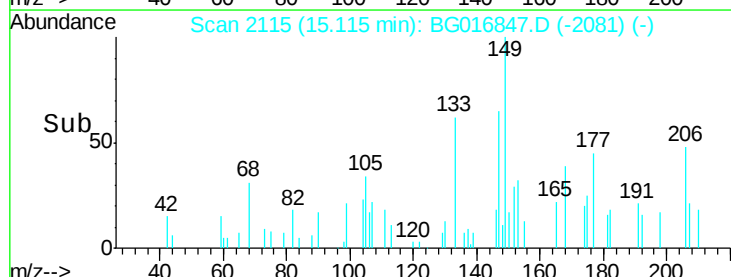
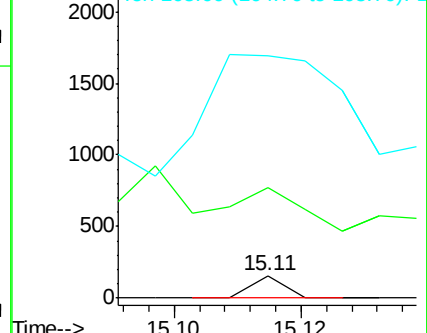
105 1094.2 19.3 59.3#

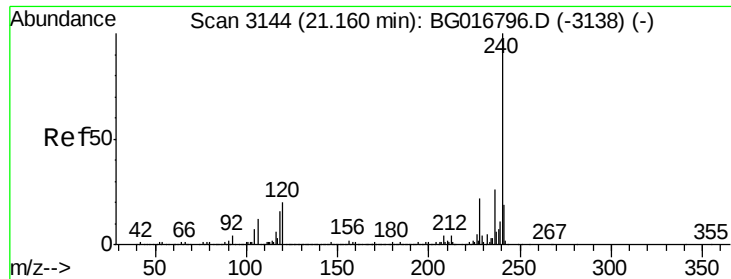


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.91 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

Instrument :

BNA_G

ClientSampleId :

FYMW-02A

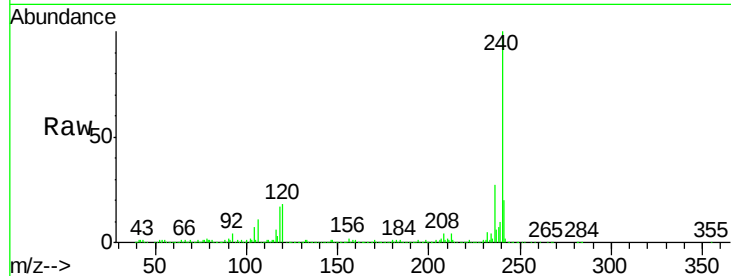
Tgt Ion:240 Resp: 278446

Ion Ratio Lower Upper

240 100

120 17.7 16.1 24.1

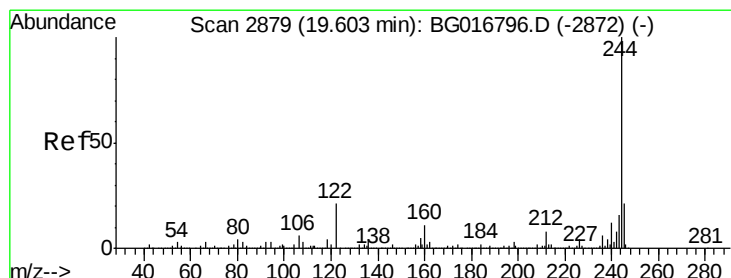
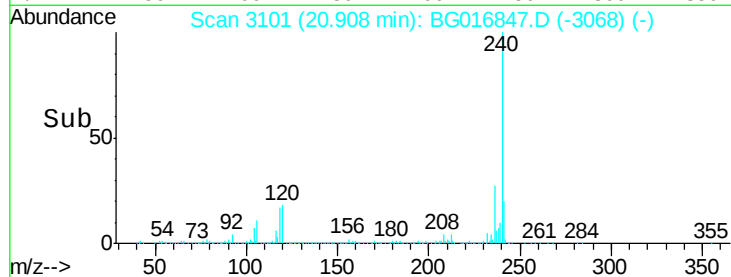
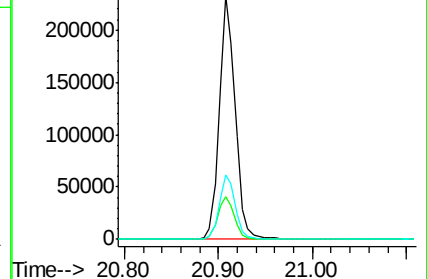
236 26.6 21.0 31.6



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: 58.19 ng

RT: 19.36 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

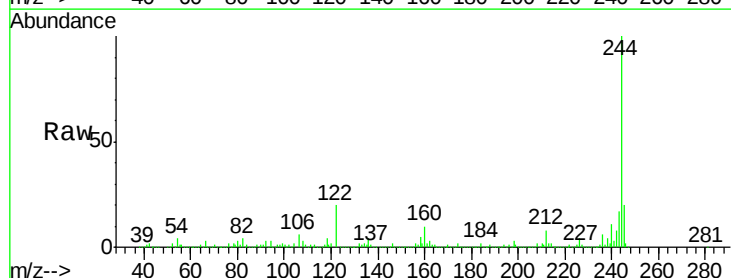
Tgt Ion:244 Resp: 671782

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

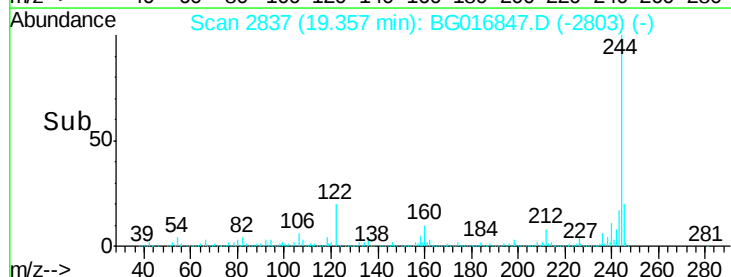
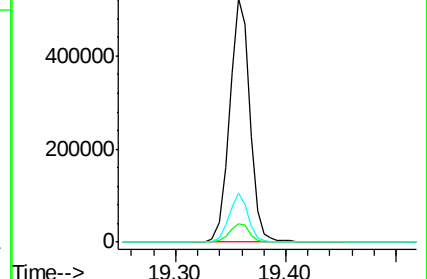
122 20.2 16.4 24.6

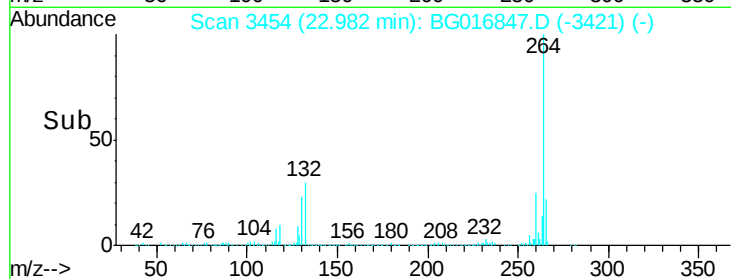
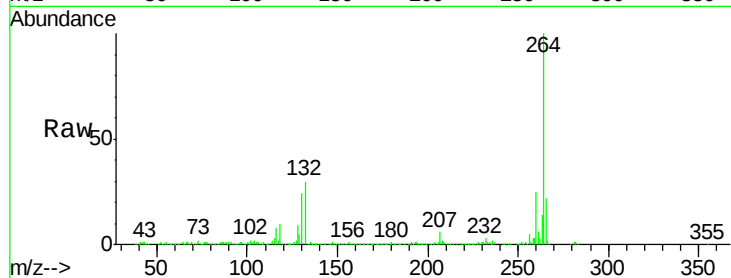
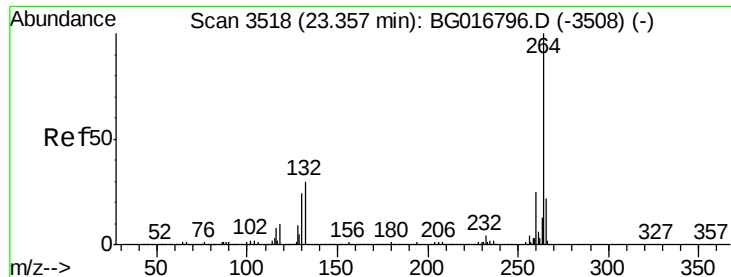


Abundance Ion 244.00 (243.70 to 244.70): E

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: 22.98 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BG016847.D

Acq: 1 May 2015 16:29

Instrument :

BNA_G

ClientSampleId :

FYMW-02A

Tgt Ion:264 Resp: 255174

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 22.2 17.4 26.2

