

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 00:21:19 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

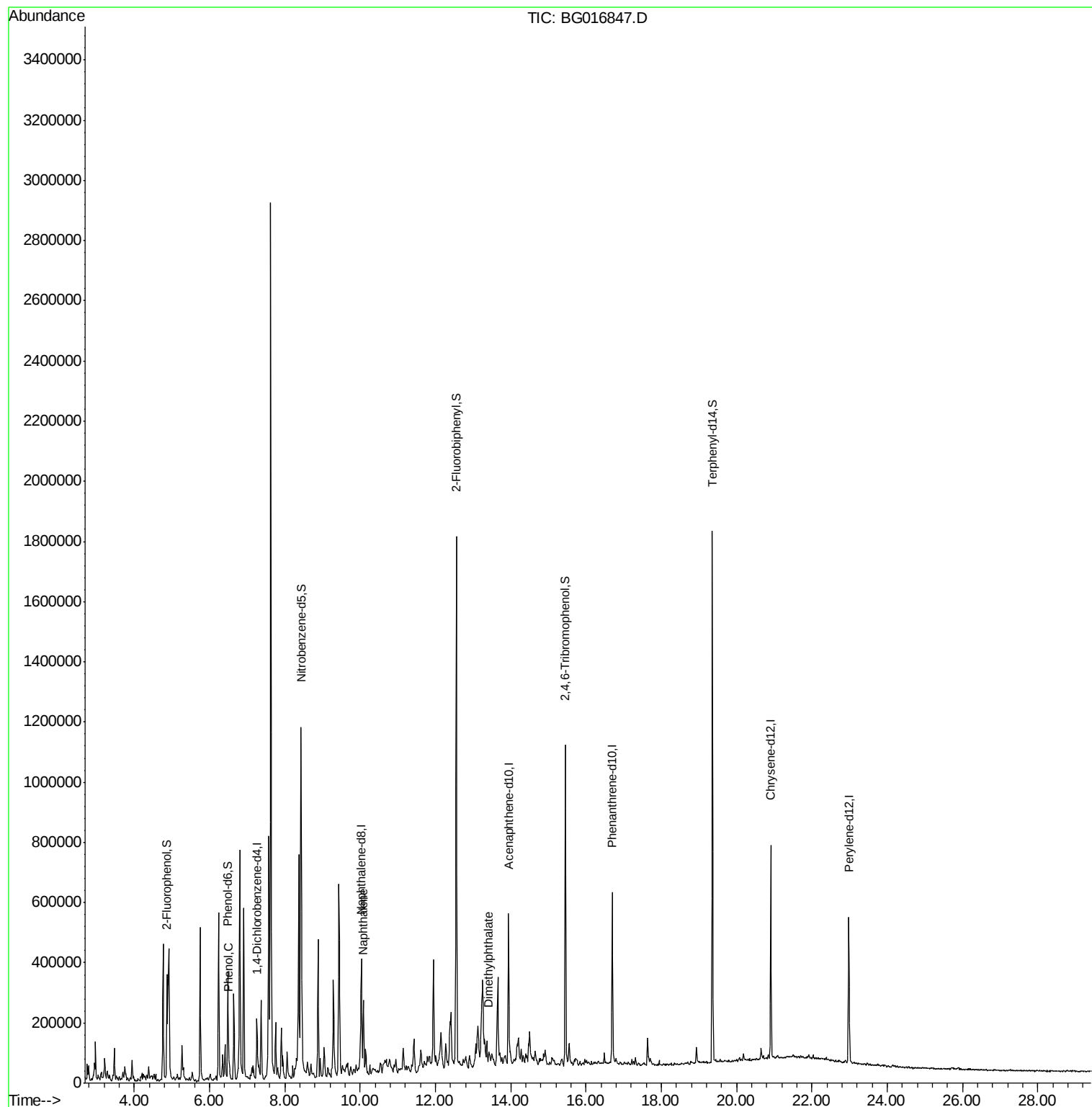
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	60938	20.00	ng	0.00
21) Naphthalene-d8	10.03	136	289428	20.00	ng	0.00
38) Acenaphthene-d10	13.94	164	165766	20.00	ng	0.00
63) Phenanthrene-d10	16.70	188	333550	20.00	ng	0.00
75) Chrysene-d12	20.91	240	278446	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						
10) Phenol	6.51	94	14734	3.09	ng	76
31) Naphthalene	10.08	128	144256	9.99	ng	97
49) Dimethylphthalate	13.42	163	24922	2.10	ng	# 87

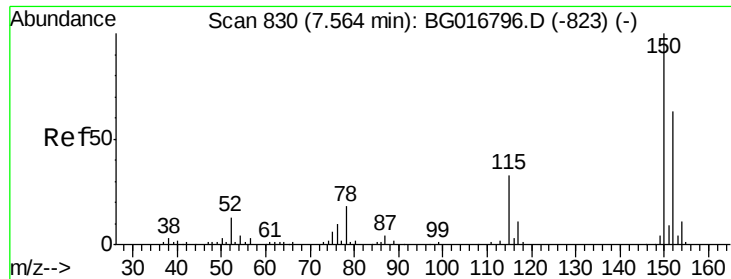
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

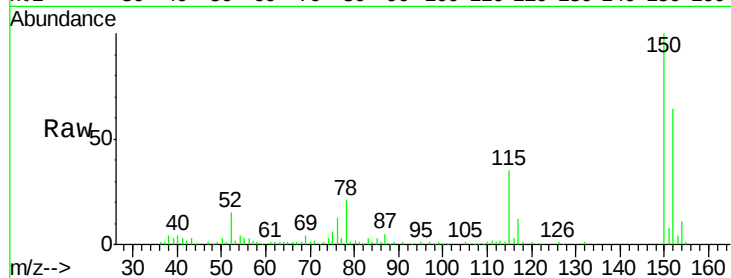
Tot Ion:152 Resp: 60938

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.4

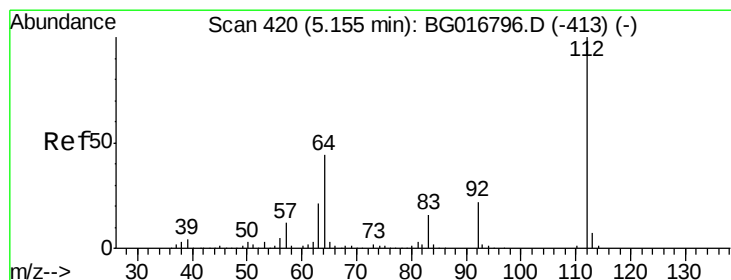
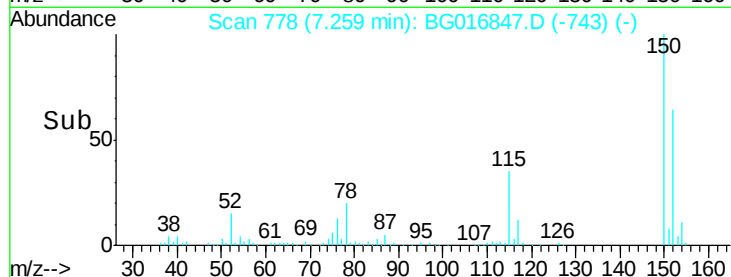
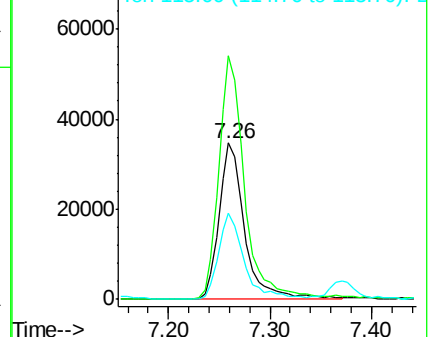
115 55.3 41.1 61.7



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

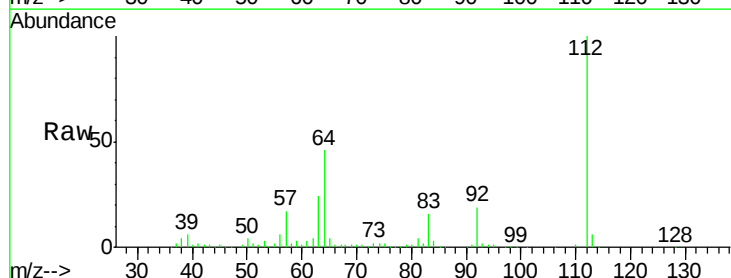
Tgt Ion:112 Resp: 196024

Ion Ratio Lower Upper

112 100

64 45.6 35.5 53.3

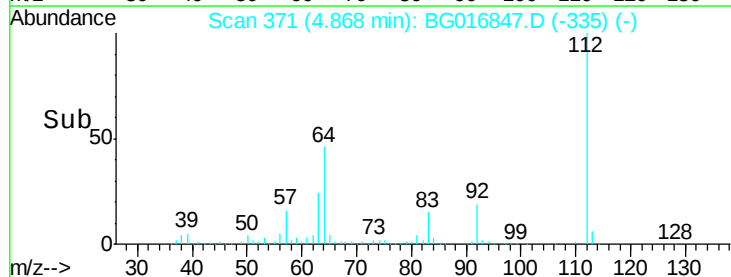
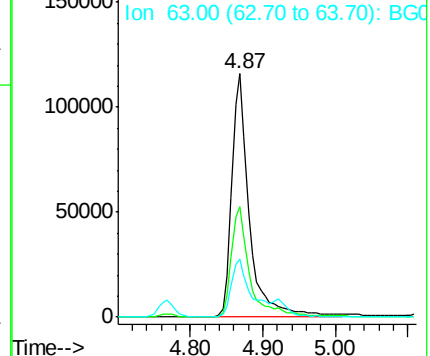
63 23.7 17.2 25.8

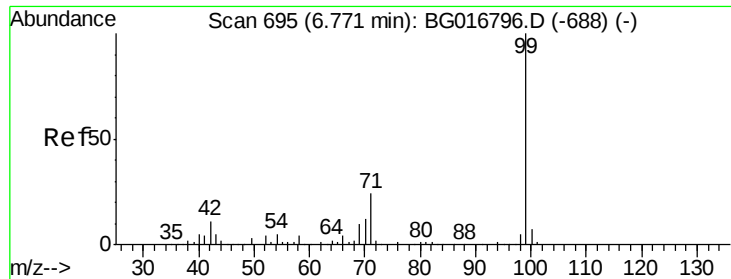


Abundance Ion 112.00 (111.70 to 112.70): E

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

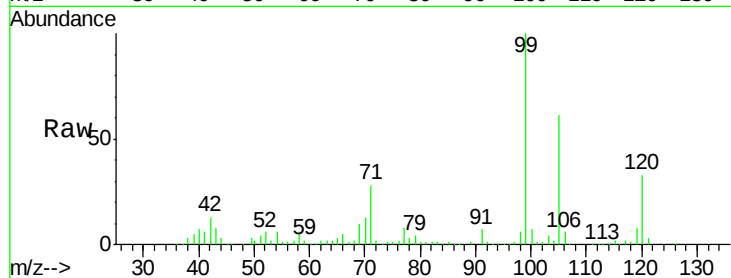
Tot Ion: 99 Resp: 171950

Ion Ratio Lower Upper

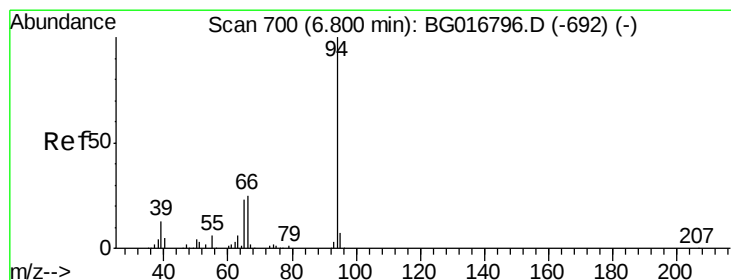
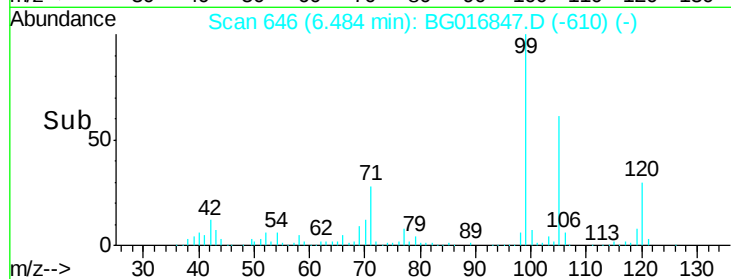
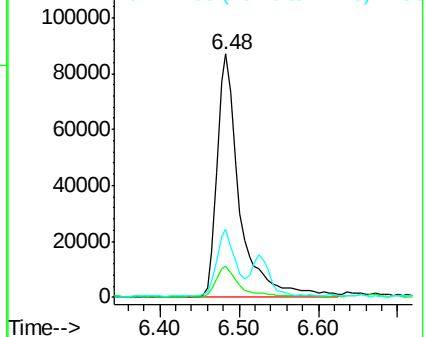
99 100

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



#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

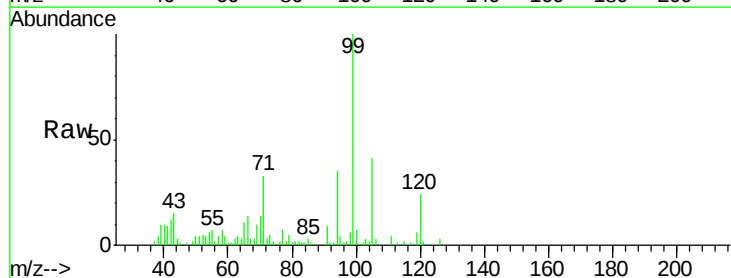
Tgt Ion: 94 Resp: 14734

Ion Ratio Lower Upper

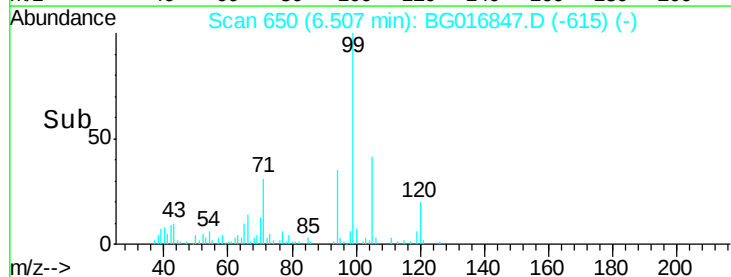
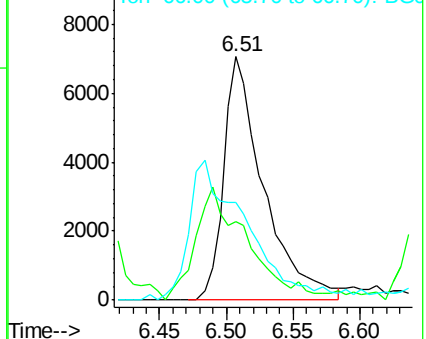
94 100

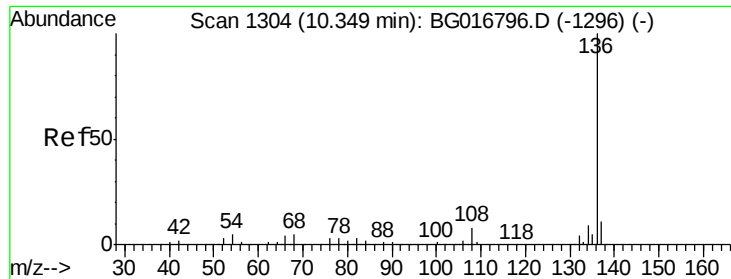
65 32.4 3.0 43.0

66 40.3 6.3 46.3



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

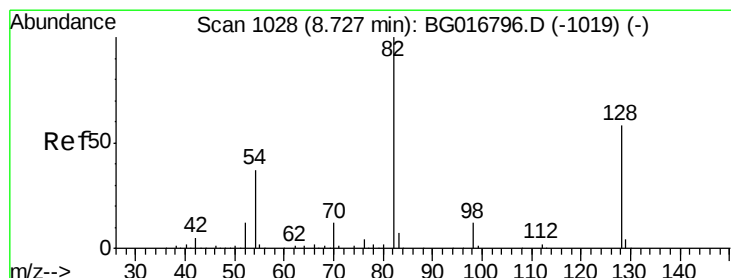
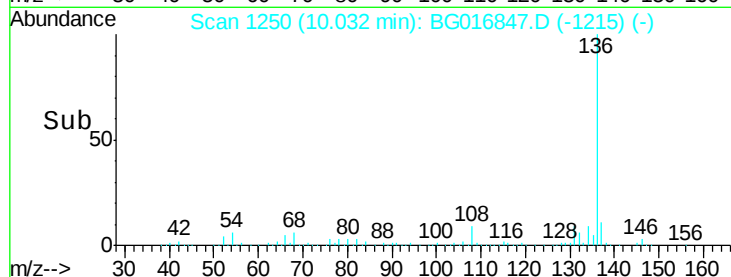
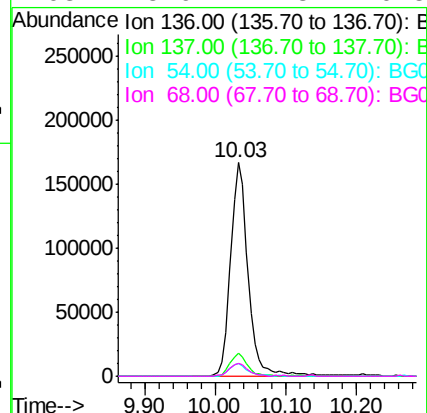
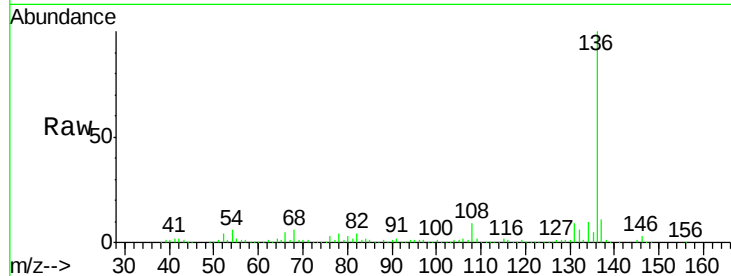




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.03 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BG016847.D
Acq: 1 May 2015 16:29

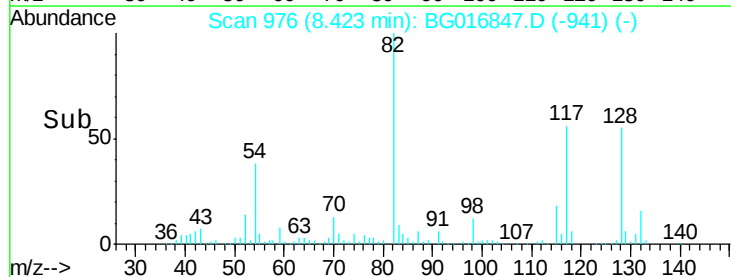
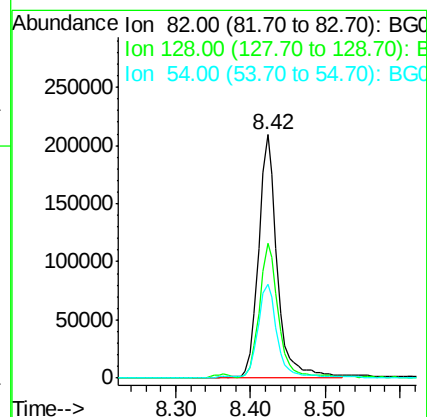
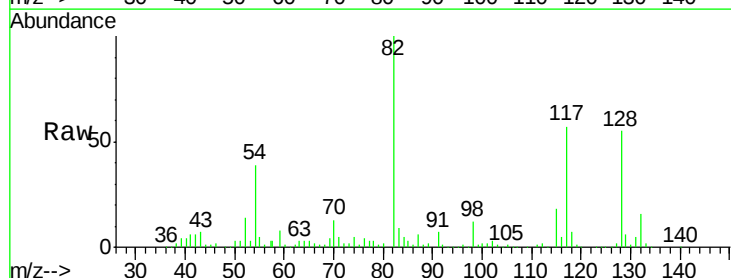
Instrument :
BNA_G
ClientSampleId :
FYMW-02A

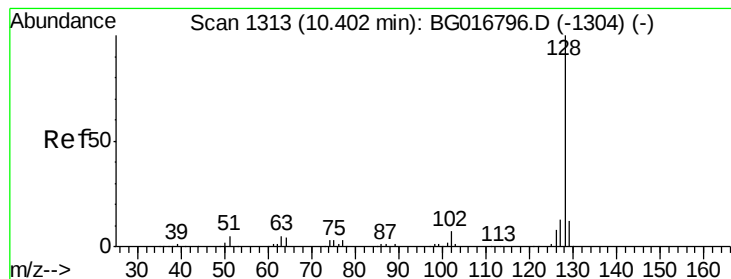
Tot Ion:136	Resp:	289428
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.6 12.8
54	6.2	4.3 6.5
68	5.9	4.3 6.5



#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





#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

Instrument :

BNA_G

ClientSampleId :

FYMW-02A

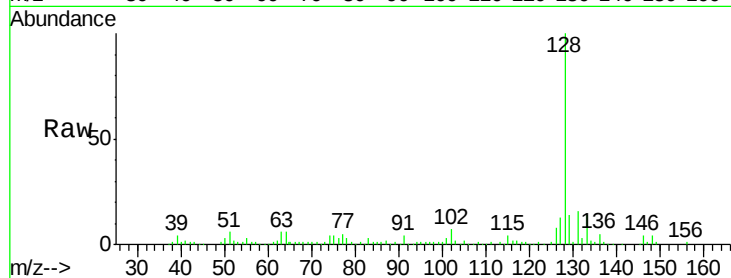
Tot Ion:128 Resp: 144256

Ion Ratio Lower Upper

128 100

129 13.5 9.4 14.0

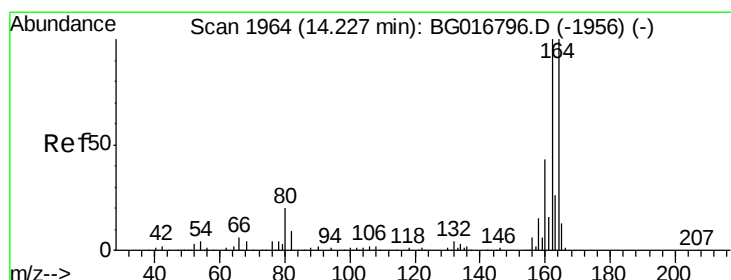
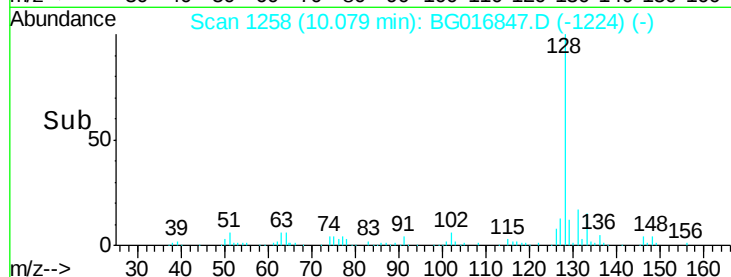
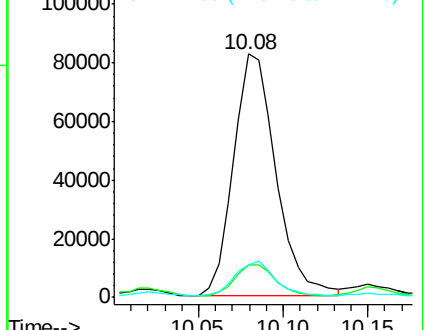
127 13.4 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#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

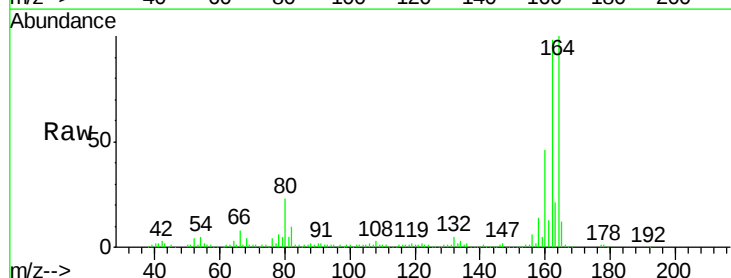
Tgt Ion:164 Resp: 165766

Ion Ratio Lower Upper

164 100

162 97.8 80.2 120.4

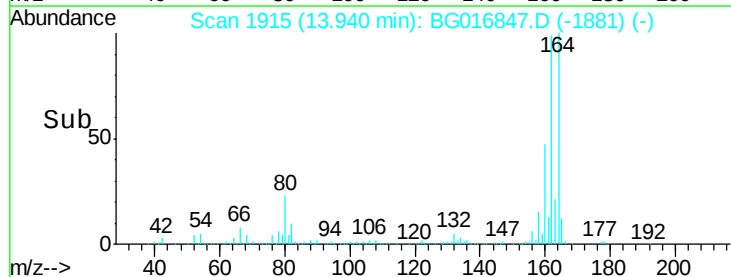
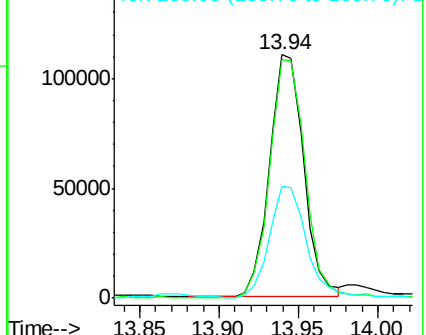
160 46.0 34.8 52.2

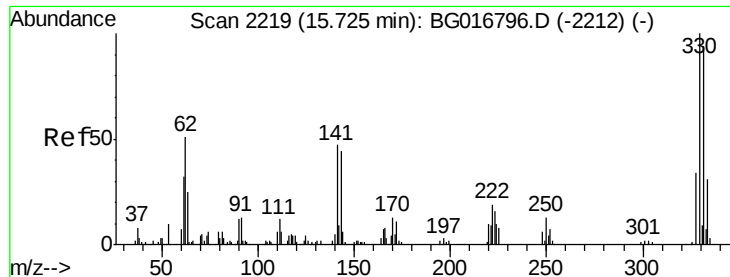


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

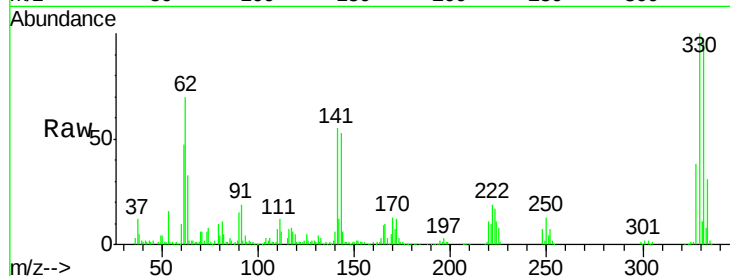




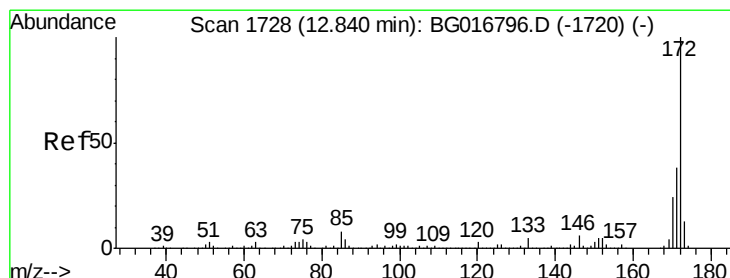
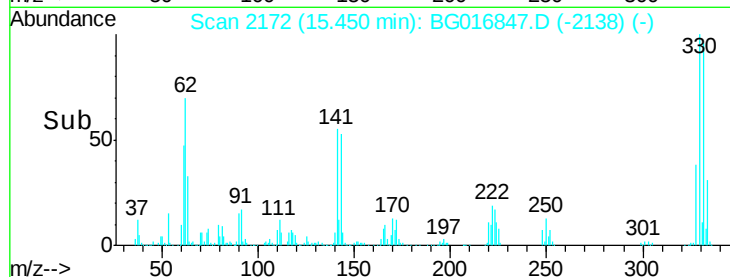
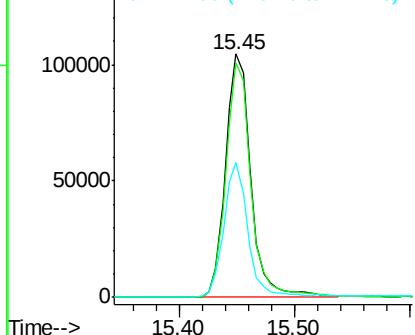
#41
 2,4,6-Tribromophenol
 Concen: 129.08 ng
 RT: 15.45 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG016847.D
 Acq: 1 May 2015 16:29

Instrument :
 BNA_G
 ClientSampled :
 FYMW-02A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.3	112.9
141	52.1	40.7	61.1

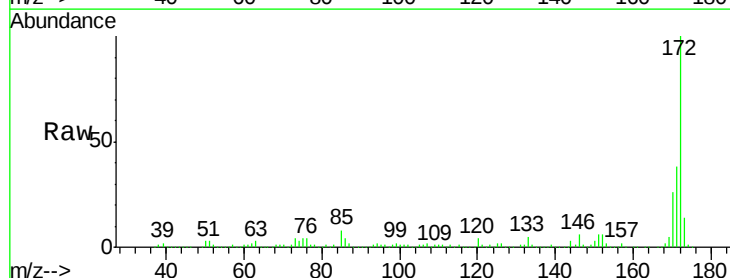


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

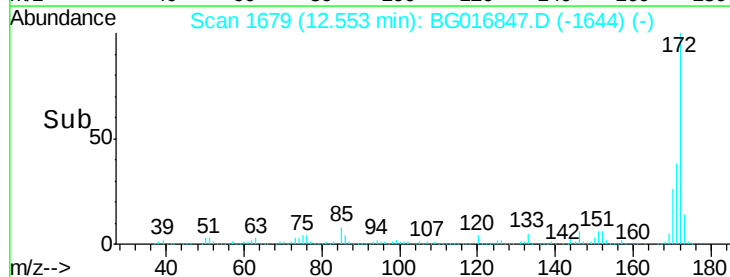
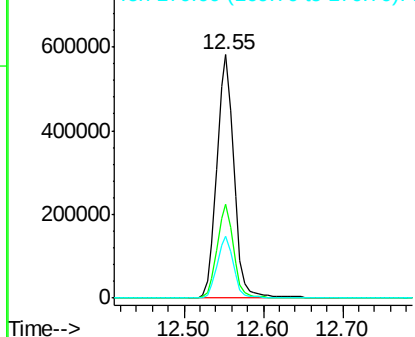


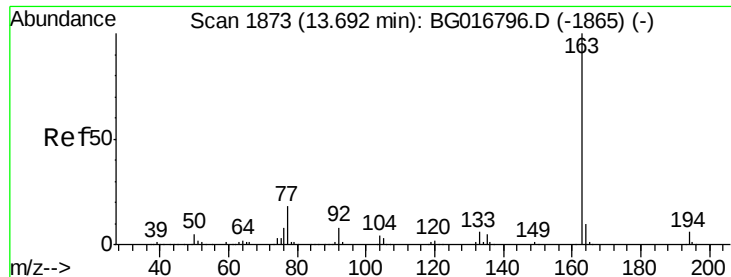
#44
 2-Fluorobiphenyl
 Concen: 81.71 ng
 RT: 12.55 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG016847.D
 Acq: 1 May 2015 16:29

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



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

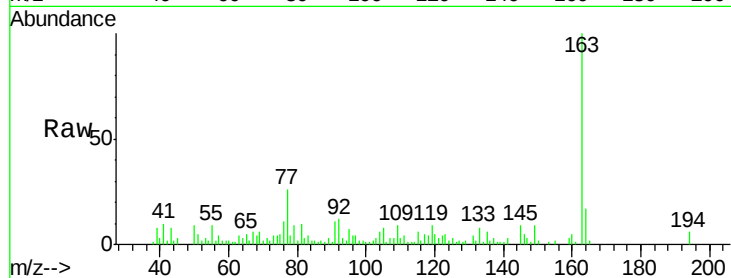




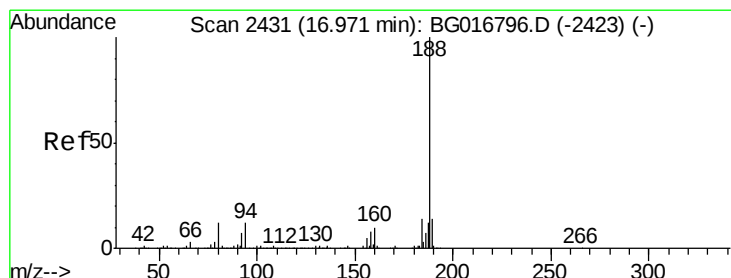
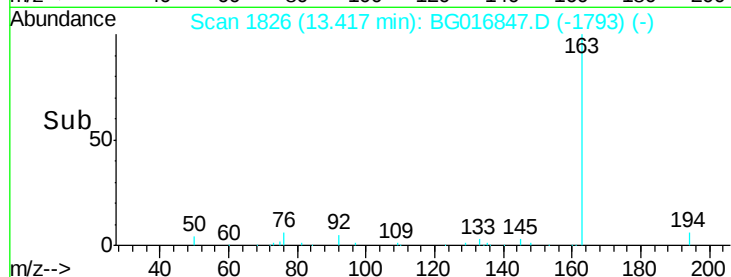
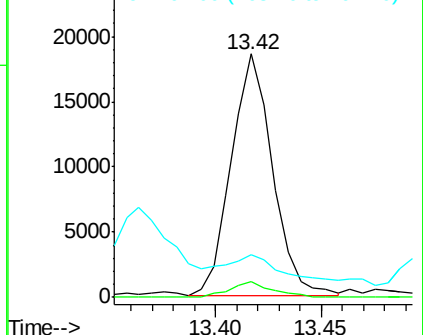
#49
Dimethylphthalate
Concen: 2.10 ng
RT: 13.42 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BG016847.D
Acq: 1 May 2015 16:29

Instrument :
BNA_G
ClientSampleId :
FYMW-02A

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

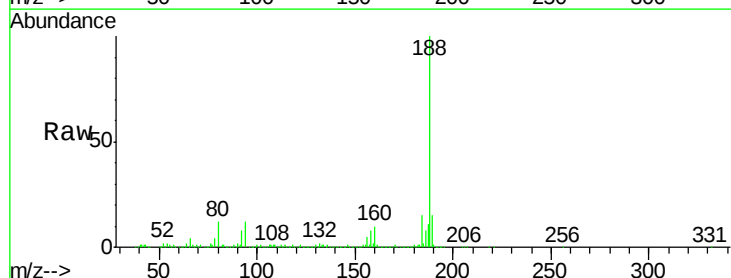


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

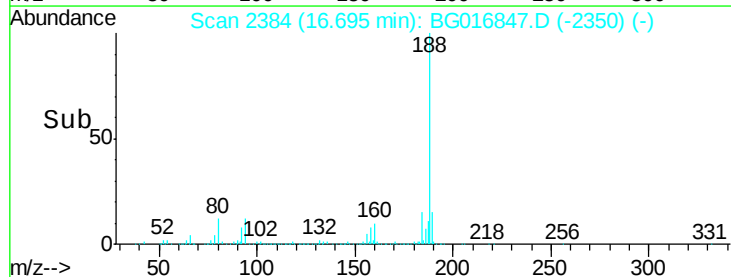
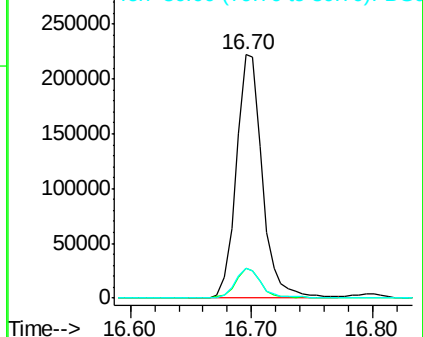


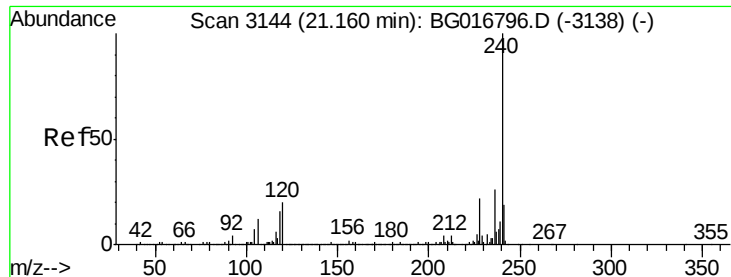
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.70 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG016847.D
Acq: 1 May 2015 16:29

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





#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

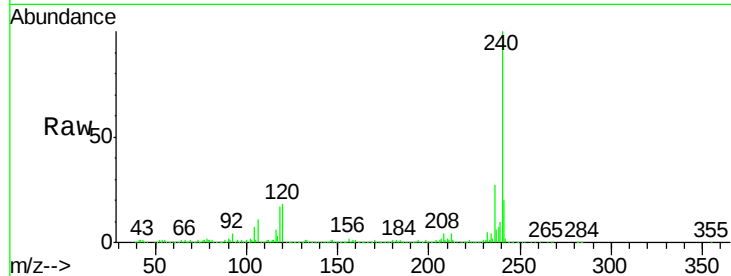
Tot Ion:240 Resp: 278446

Ion Ratio Lower Upper

240 100

120 17.7 16.1 24.1

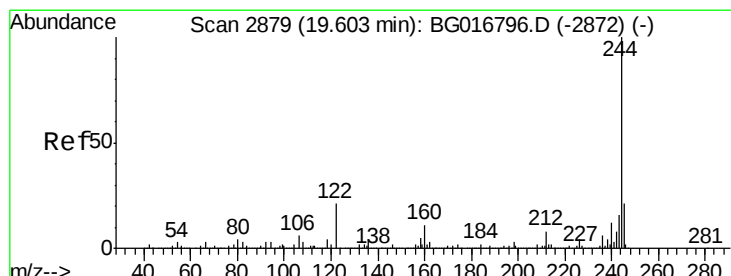
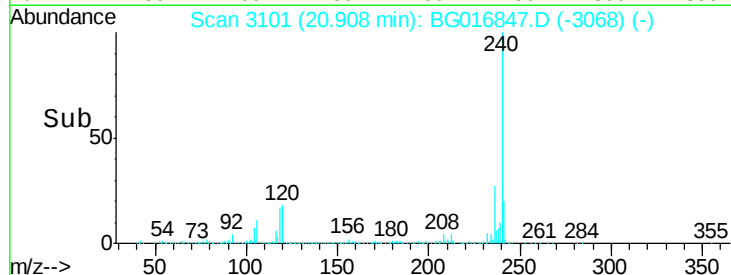
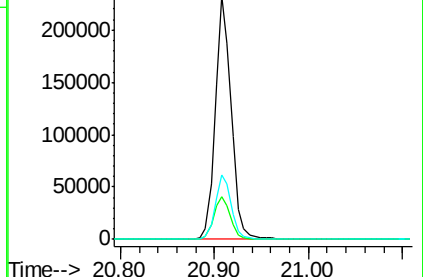
236 26.6 21.0 31.6



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

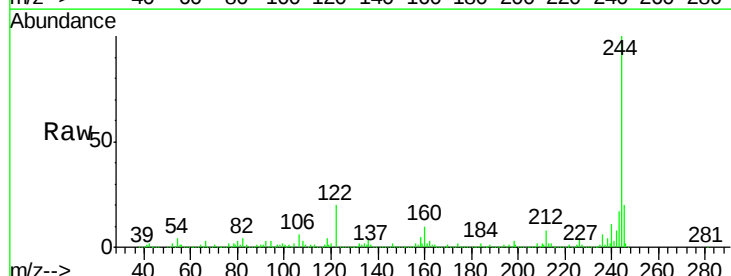
Tgt Ion:244 Resp: 671782

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

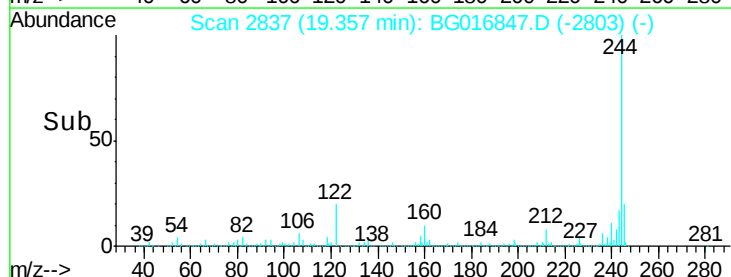
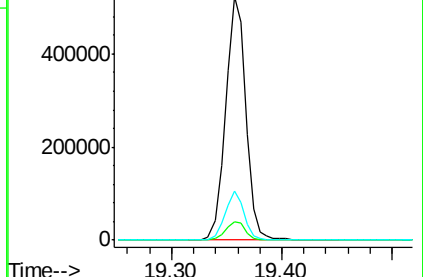
122 20.2 16.4 24.6

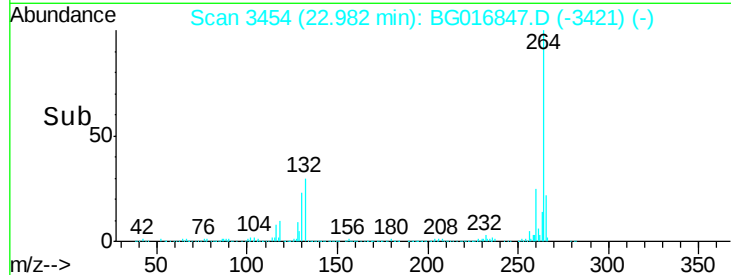
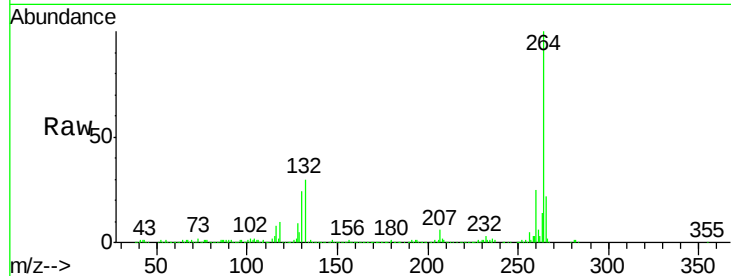
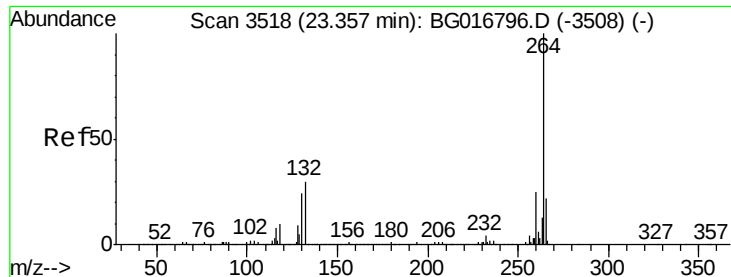


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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

Tot Ion:	264	Resp:	255174
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.2	17.4	26.2

