

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050115\
 Data File : BG016846.D
 Acq On : 1 May 2015 15:54
 Operator : TP/IZ
 Sample : G2012-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FYMW-05

Quant Time: May 02 00:03:45 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

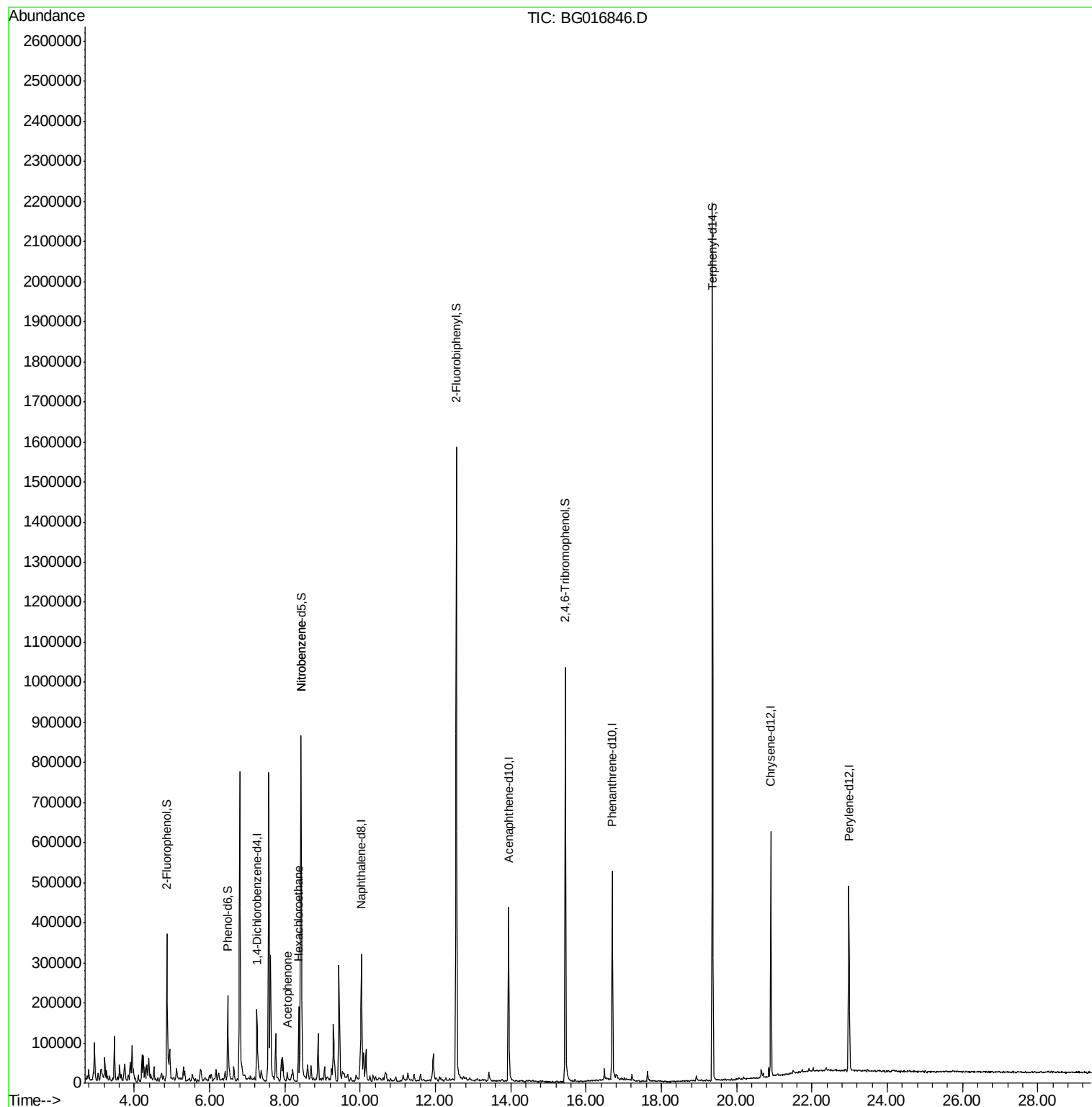
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	58882	20.00	ng	0.00
21) Naphthalene-d8	10.03	136	258254	20.00	ng	0.00
38) Acenaphthene-d10	13.94	164	155669	20.00	ng	0.00
63) Phenanthrene-d10	16.69	188	313123	20.00	ng	0.00
75) Chrysene-d12	20.91	240	268531	20.00	ng	0.00
86) Perylene-d12	22.98	264	246296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.87	112	205060	64.15	ng	0.00
7) Phenol-d6	6.48	99	173687	38.71	ng	0.00
23) Nitrobenzene-d5	8.42	82	342783	86.46	ng	0.00
41) 2,4,6-Tribromophenol	15.45	330	160202	138.18	ng	0.00
44) 2-Fluorobiphenyl	12.55	172	830195	82.57	ng	0.00
78) Terphenyl-d14	19.36	244	813087	73.03	ng	0.00
Target Compounds						
18) Hexachloroethane	8.36	117	34212	21.92	ng	# 1
22) Acetophenone	8.06	105	12828	2.48	ng	# 53
24) Nitrobenzene	8.43	77	15654	4.18	ng	# 1

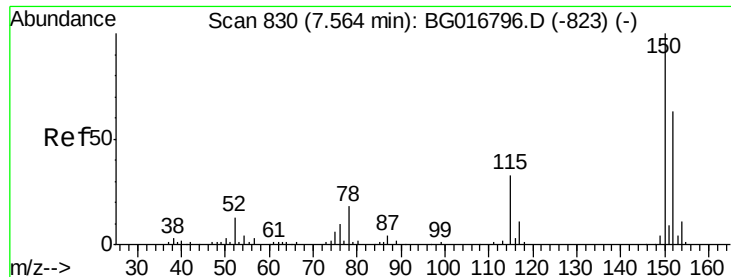
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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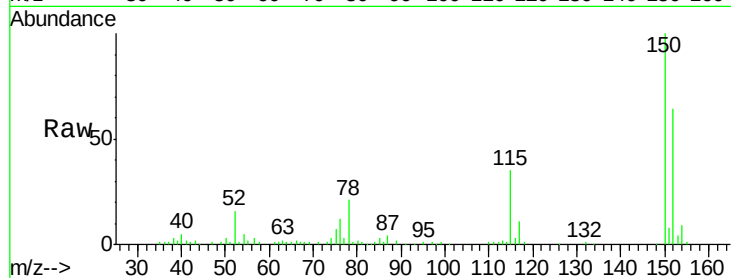


#1

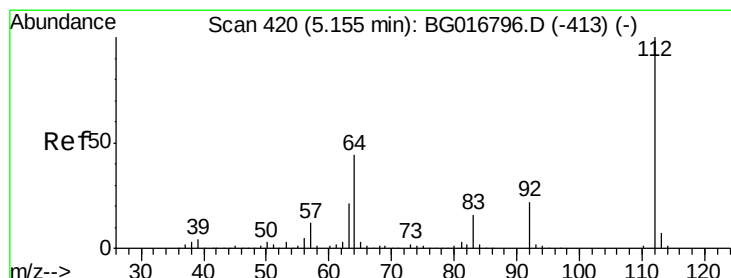
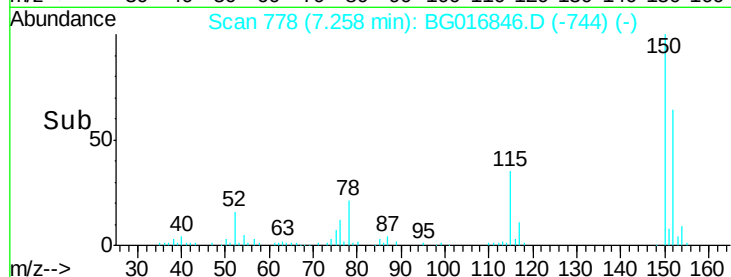
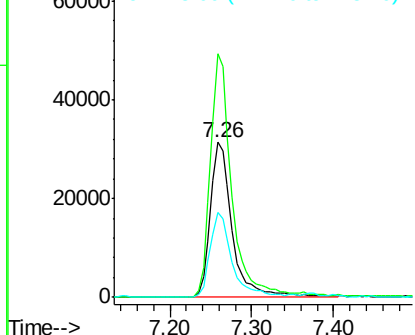
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 778
Delta R.T. 0.00 min
Lab File: BG016846.D
Acq: 1 May 2015 15:54

Instrument :
BNA_G
ClientSampleId :
FYMW-05

Tgt Ion:152 Resp: 58882
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.4
115 54.8 41.1 61.7



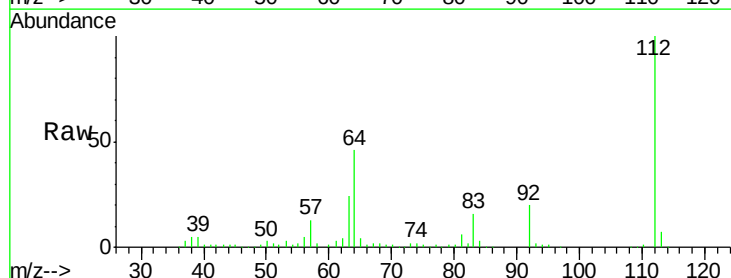
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



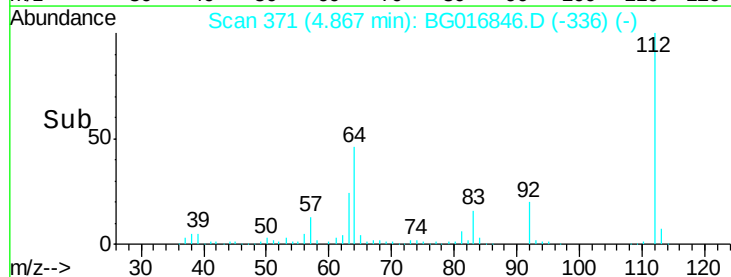
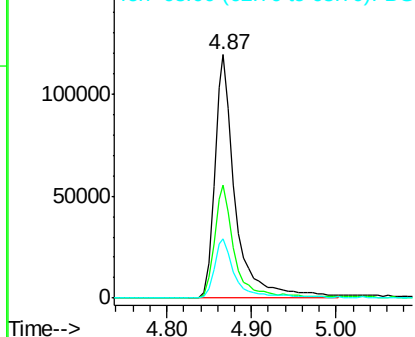
#5

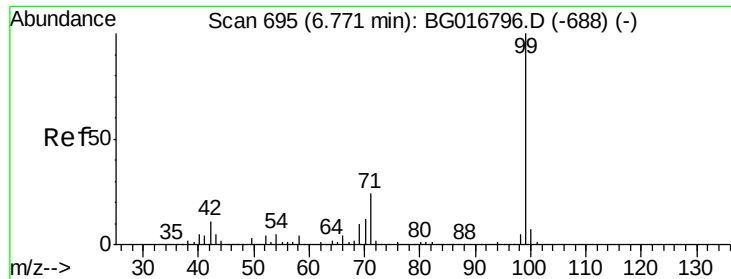
2-Fluorophenol
Concen: 64.15 ng
RT: 4.87 min Scan# 371
Delta R.T. 0.01 min
Lab File: BG016846.D
Acq: 1 May 2015 15:54

Tgt Ion:112 Resp: 205060
Ion Ratio Lower Upper
112 100
64 46.4 35.5 53.3
63 24.3 17.2 25.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 38.71 ng

RT: 6.48 min Scan# 646

Delta R.T. 0.01 min

Lab File: BG016846.D

Acq: 1 May 2015 15:54

Instrument :

BNA_G

ClientSampleId :

FYMW-05

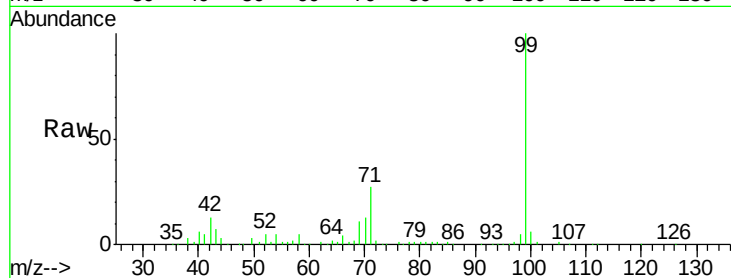
Tgt Ion: 99 Resp: 173687

Ion Ratio Lower Upper

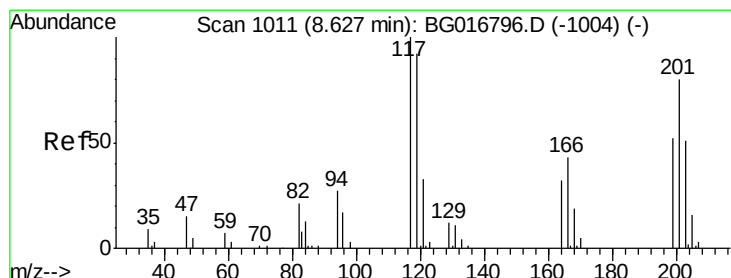
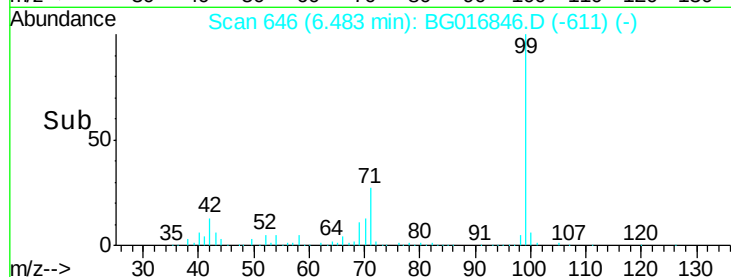
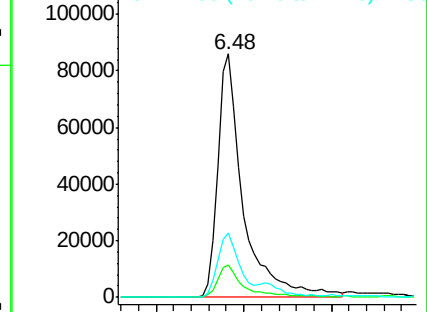
99 100

42 13.2 8.9 13.3

71 26.5 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



#18

Hexachloroethane

Concen: 21.92 ng

RT: 8.36 min Scan# 965

Delta R.T. 0.04 min

Lab File: BG016846.D

Acq: 1 May 2015 15:54

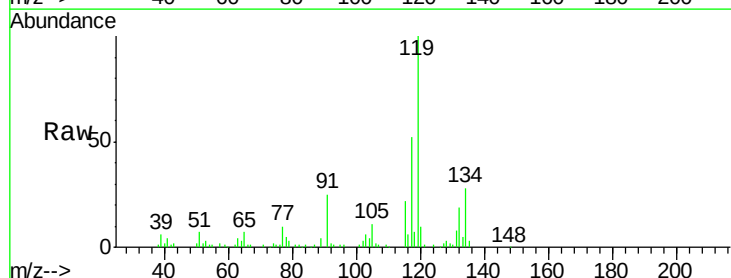
Tgt Ion: 117 Resp: 34212

Ion Ratio Lower Upper

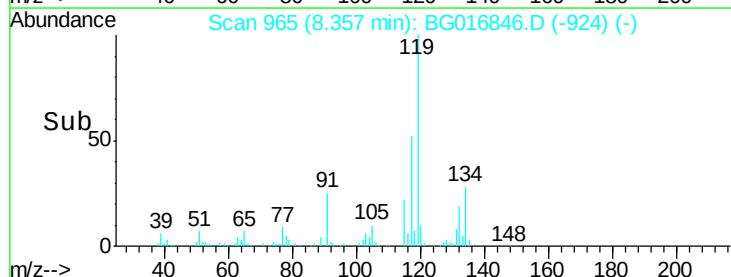
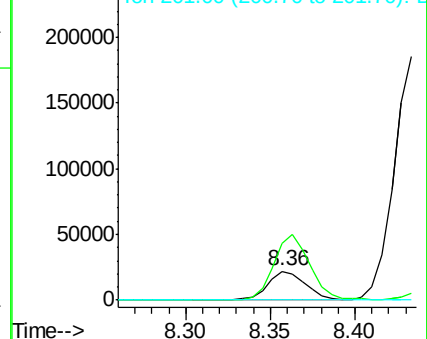
117 100

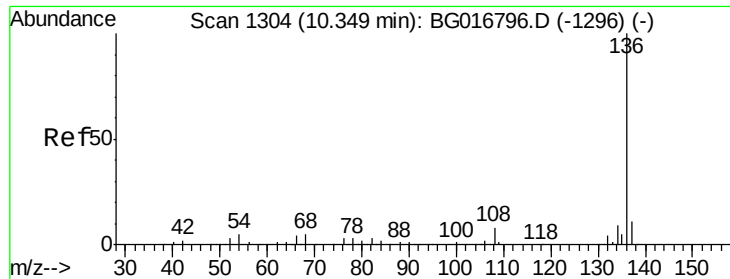
119 193.5 74.0 111.0#

201 0.0 63.7 95.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

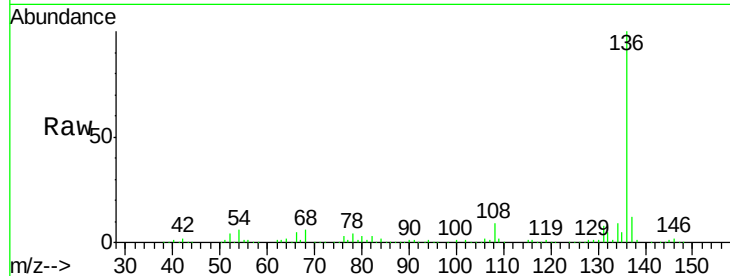




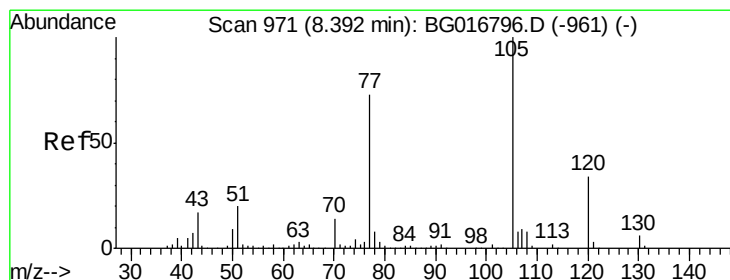
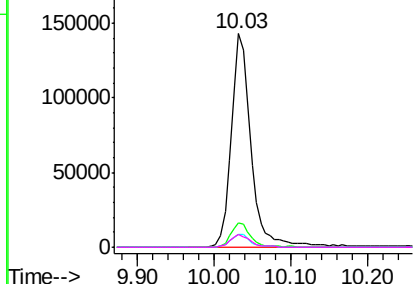
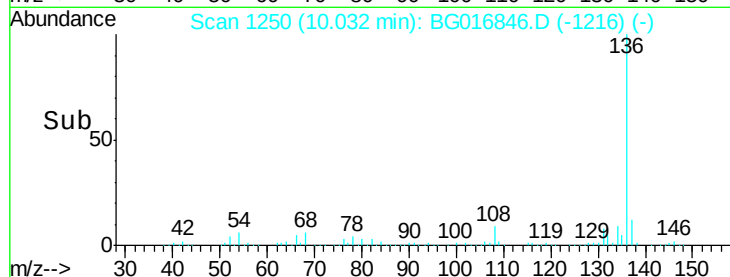
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.03 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BG016846.D
Acq: 1 May 2015 15:54

Instrument :
BNA_G
ClientSampleId :
FYMW-05

Tgt Ion:	136	Resp:	258254
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	12.8
54	6.2	4.3	6.5
68	5.9	4.3	6.5

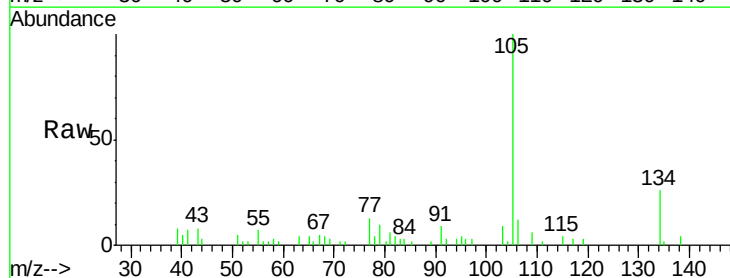


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

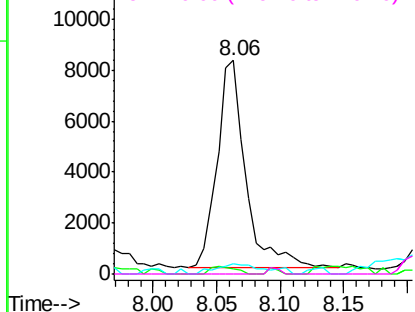
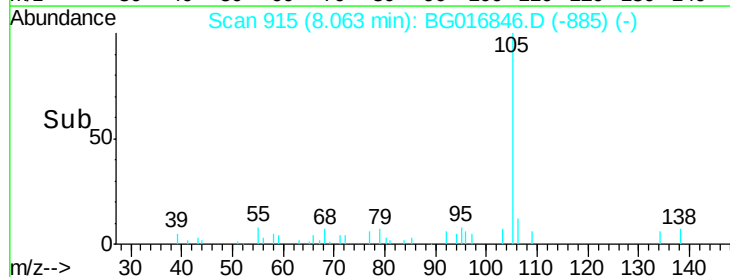


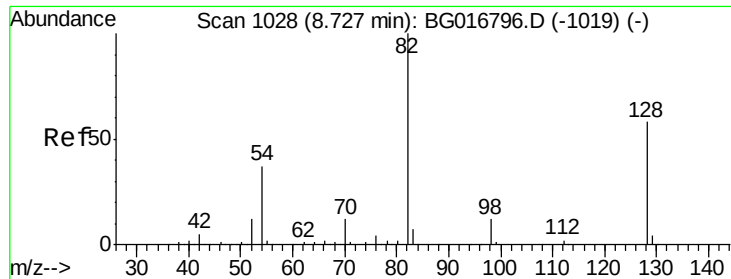
#22
Acetophenone
Concen: 2.48 ng
RT: 8.06 min Scan# 915
Delta R.T. -0.02 min
Lab File: BG016846.D
Acq: 1 May 2015 15:54

Tgt Ion:	105	Resp:	12828
Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.9	2.9
51	4.7	16.1	24.1#
120	0.0	26.9	40.3#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

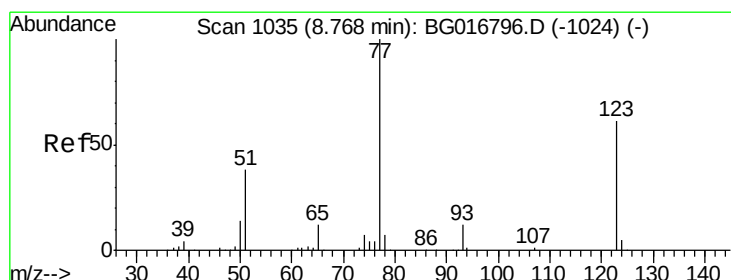
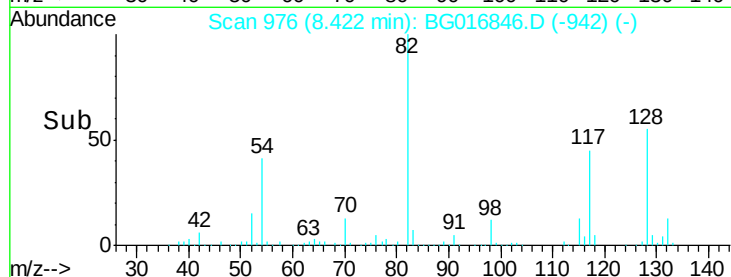
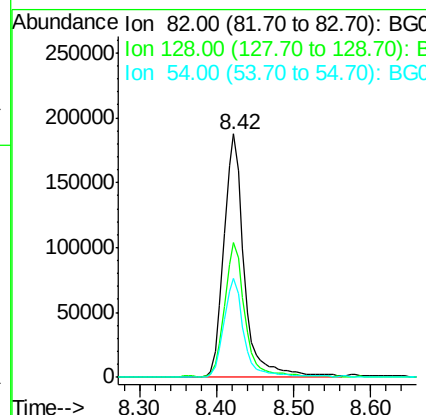
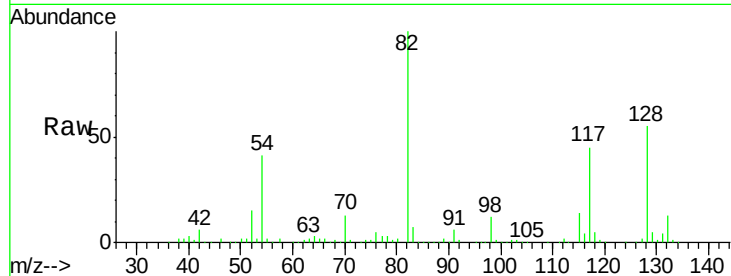




#23
 Nitrobenzene-d5
 Concen: 86.46 ng
 RT: 8.42 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BG016846.D
 Acq: 1 May 2015 15:54

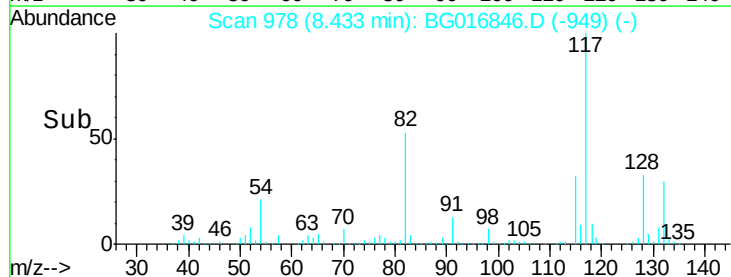
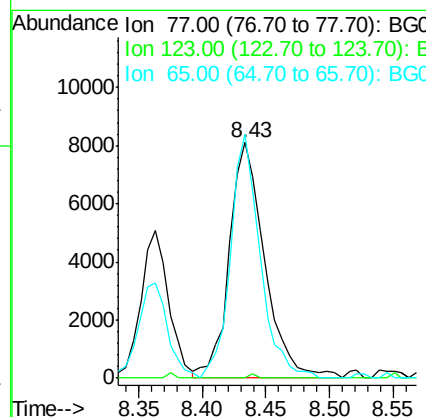
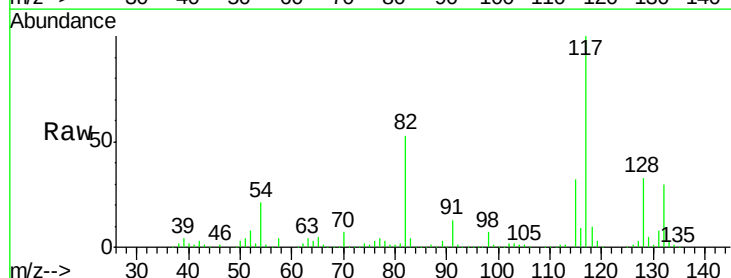
Instrument :
 BNA_G
 ClientSampleId :
 FYMW-05

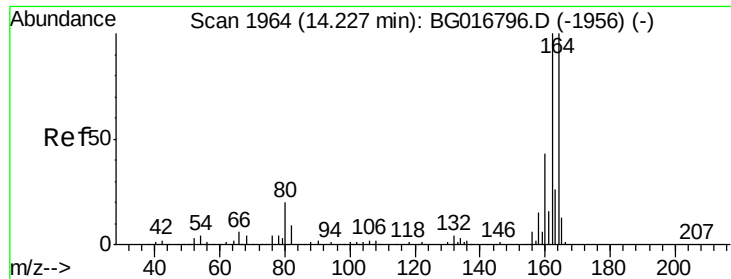
Tgt Ion: 82 Resp: 342783
 Ion Ratio Lower Upper
 82 100
 128 55.2 46.3 69.5
 54 40.9 30.0 45.0



#24
 Nitrobenzene
 Concen: 4.18 ng
 RT: 8.43 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BG016846.D
 Acq: 1 May 2015 15:54

Tgt Ion: 77 Resp: 15654
 Ion Ratio Lower Upper
 77 100
 123 0.0 49.0 73.6#
 65 103.4 9.8 14.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.94 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG016846.D

Acq: 1 May 2015 15:54

Instrument :

BNA_G

ClientSampleId :

FYMW-05

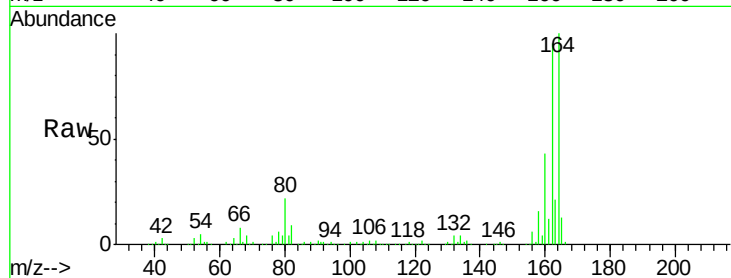
Tgt Ion:164 Resp: 155669

Ion Ratio Lower Upper

164 100

162 95.4 80.2 120.4

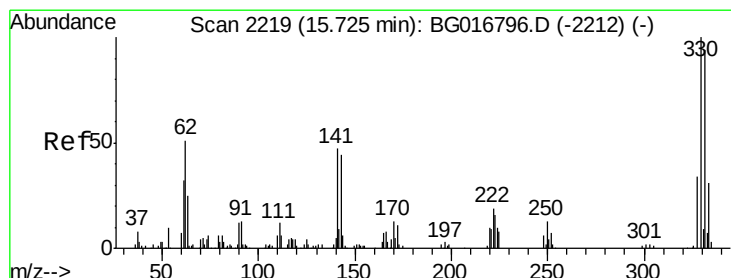
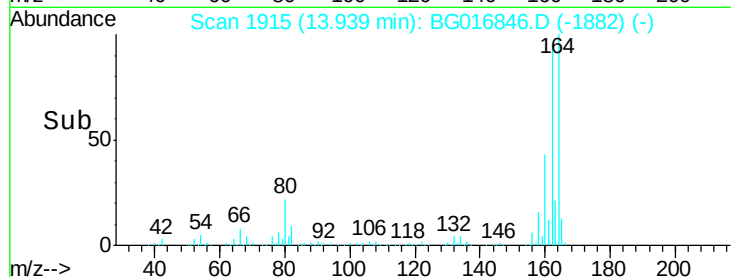
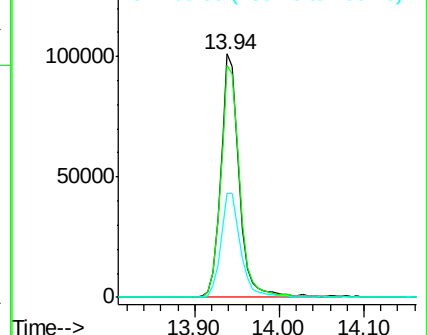
160 42.5 34.8 52.2



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: 138.18 ng

RT: 15.45 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG016846.D

Acq: 1 May 2015 15:54

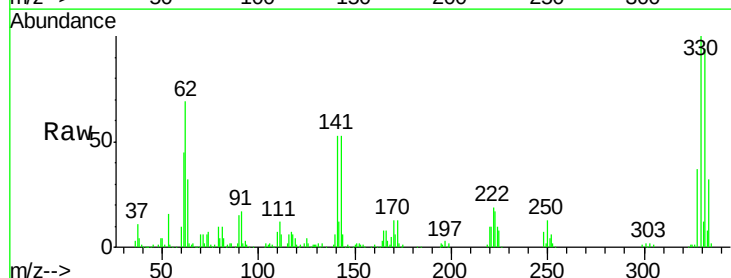
Tgt Ion:330 Resp: 160202

Ion Ratio Lower Upper

330 100

332 94.8 75.3 112.9

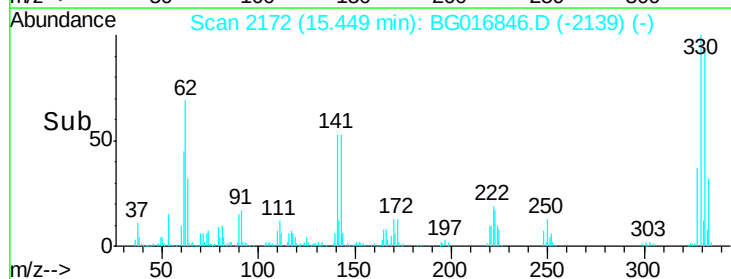
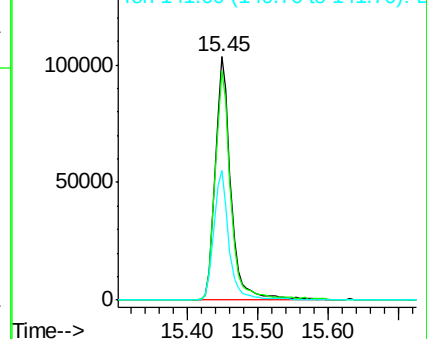
141 51.2 40.7 61.1

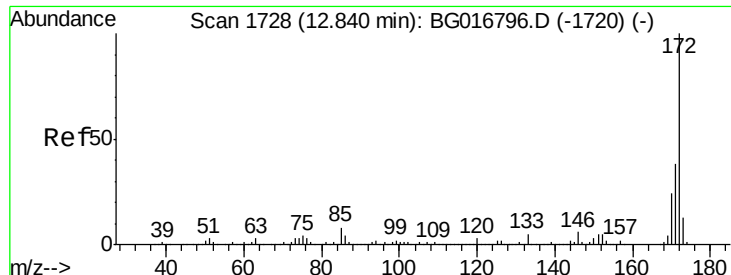


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

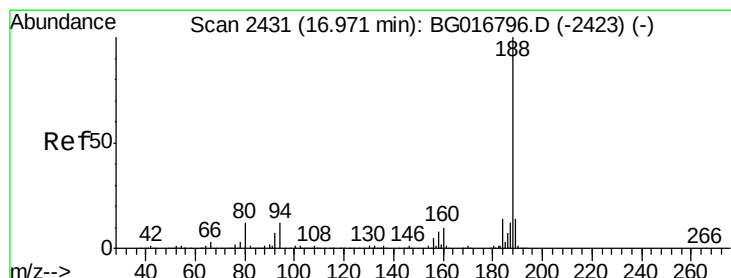
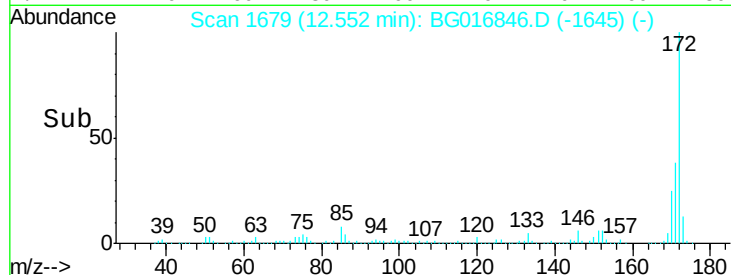
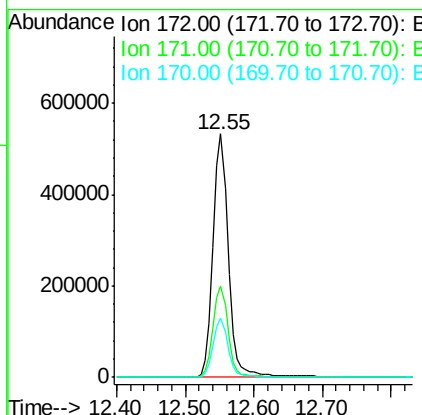
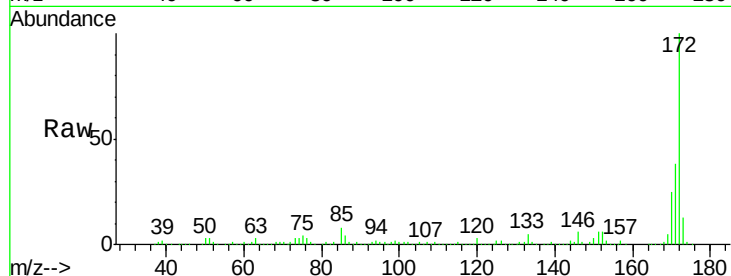




#44
2-Fluorobiphenyl
Concen: 82.57 ng
RT: 12.55 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG016846.D
Acq: 1 May 2015 15:54

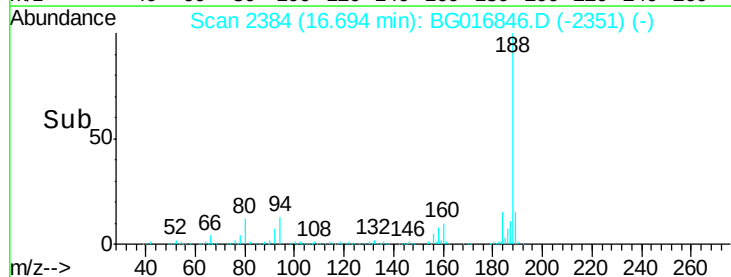
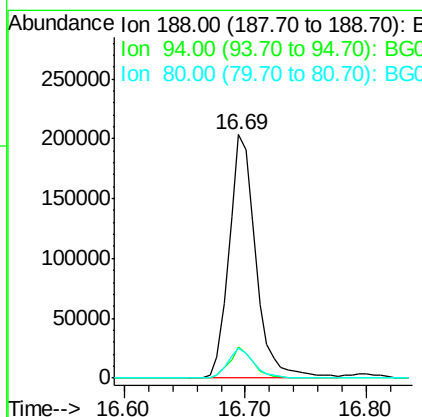
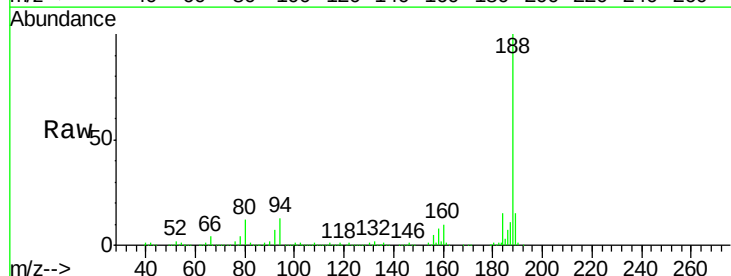
Instrument :
BNA_G
ClientSampleId :
FYMW-05

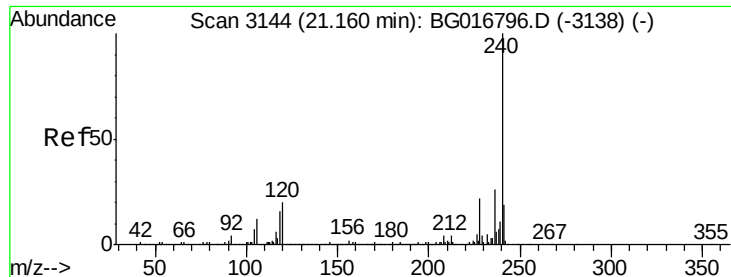
Tgt Ion:172 Resp: 830195
Ion Ratio Lower Upper
172 100
171 37.5 30.2 45.4
170 24.5 19.4 29.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.69 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG016846.D
Acq: 1 May 2015 15:54

Tgt Ion:188 Resp: 313123
Ion Ratio Lower Upper
188 100
94 12.6 9.5 14.3
80 12.1 9.2 13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.91 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BG016846.D

Acq: 1 May 2015 15:54

Instrument :

BNA_G

ClientSampleId :

FYMW-05

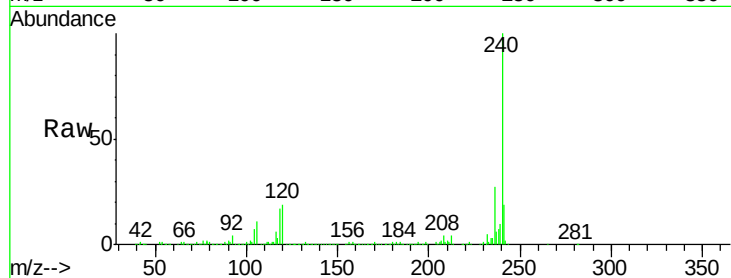
Tgt Ion:240 Resp: 268531

Ion Ratio Lower Upper

240 100

120 19.3 16.1 24.1

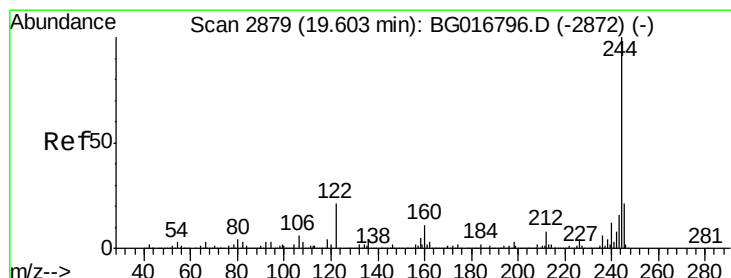
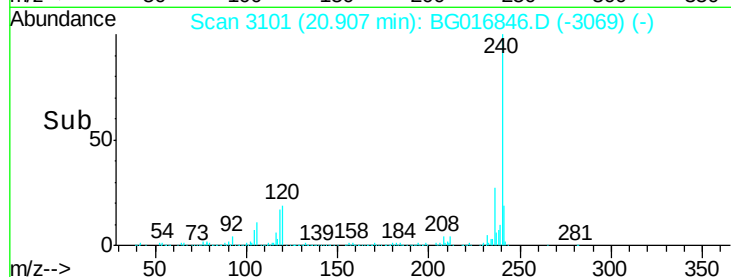
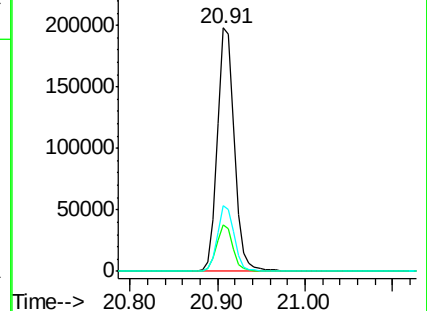
236 26.8 21.0 31.6



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: 73.03 ng

RT: 19.36 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG016846.D

Acq: 1 May 2015 15:54

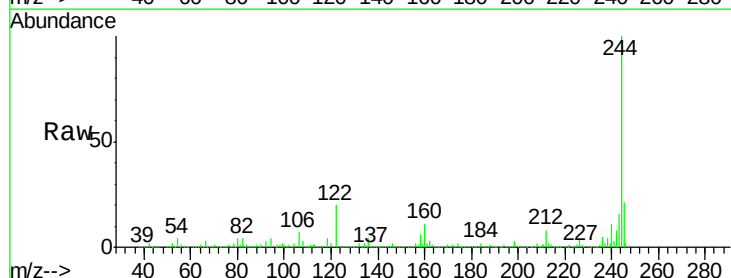
Tgt Ion:244 Resp: 813087

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

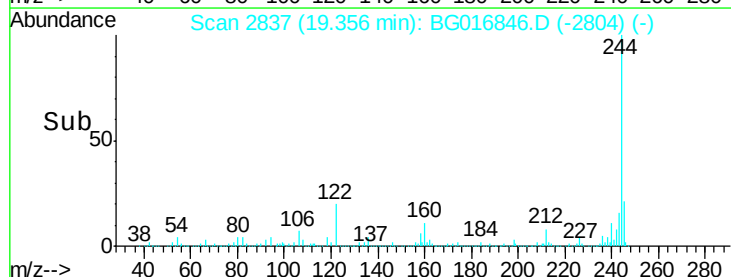
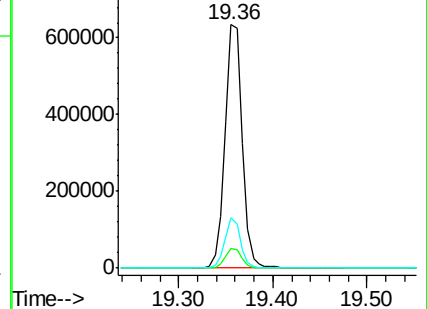
122 20.5 16.4 24.6

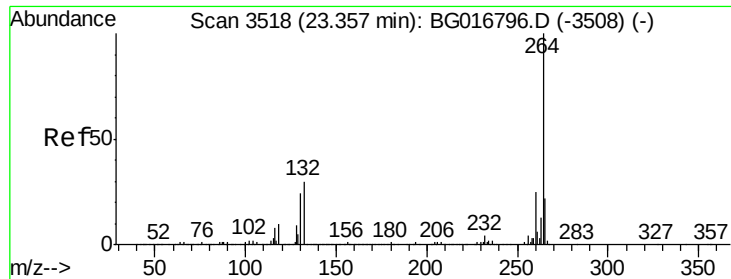


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG016846.D
Acq: 1 May 2015 15:54

Instrument :
BNA_G
ClientSampleId :
FYMW-05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.7	29.5
265	22.0	17.4	26.2

