

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017670.D
 Acq On : 13 Jun 2015 11:52
 Operator : TP/IZ
 Sample : G2627-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CMW-37

Quant Time: Jun 15 05:20:42 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 02:22:44 2015
 Response via : Initial Calibration

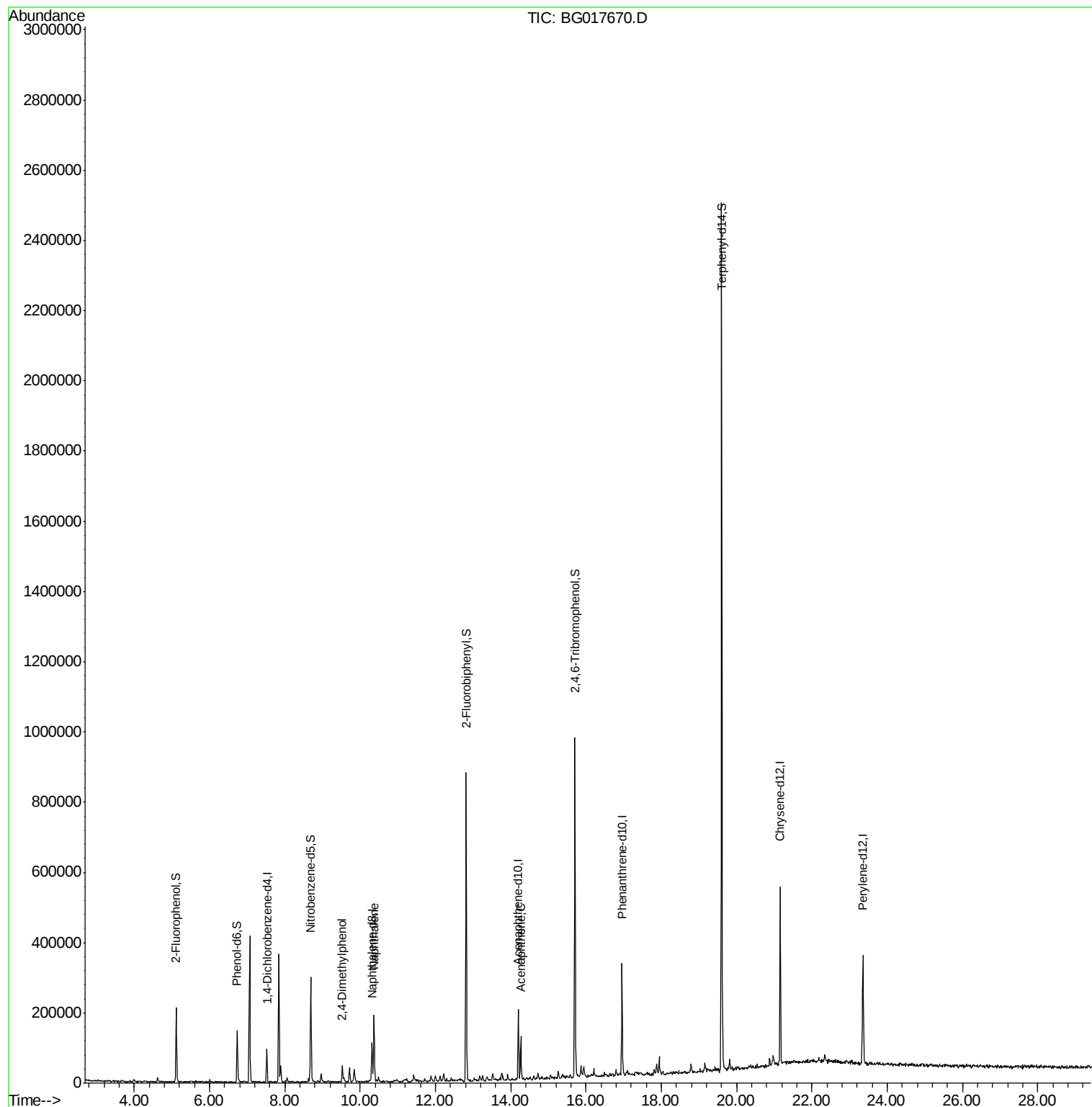
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	17478	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	69714	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	52231	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	152506	20.00	ng	0.00
75) Chrysene-d12	21.16	240	227165	20.00	ng	0.00
86) Perylene-d12	23.36	264	217363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	67621	74.93	ng	0.00
7) Phenol-d6	6.74	99	63467	48.00	ng	0.00
23) Nitrobenzene-d5	8.69	82	145604	87.67	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	142127	157.64	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	357057	94.55	ng	0.00
78) Terphenyl-d14	19.60	244	954383	87.64	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.53	122	11349	10.20	ng	Qvalue 92
31) Naphthalene	10.37	128	115698	30.75	ng	# 91
51) Acenaphthene	14.27	154	37988	11.84	ng	93

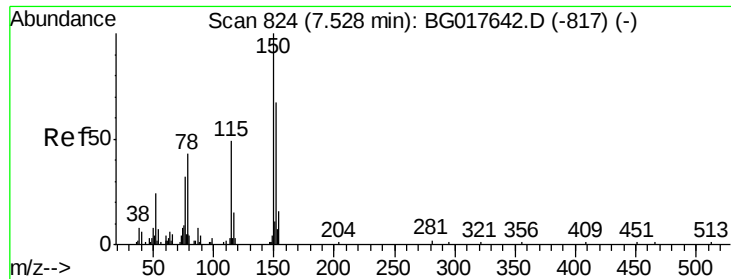
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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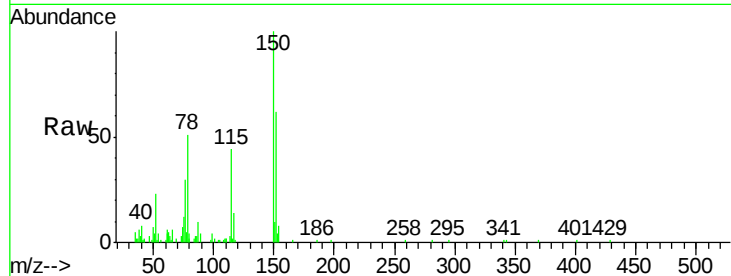


#1

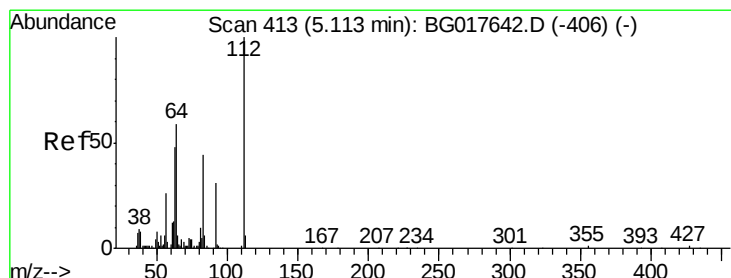
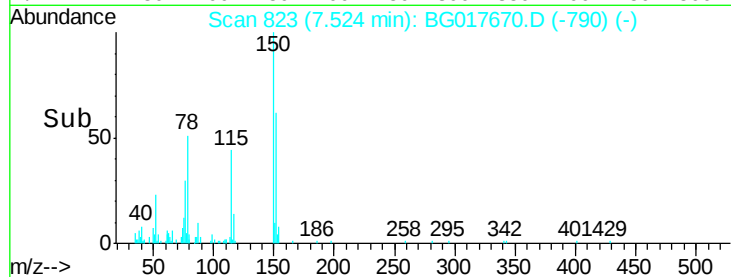
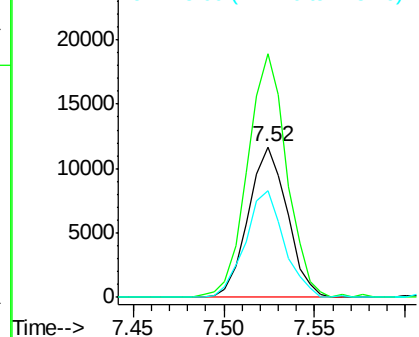
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Instrument :
BNA_G
ClientSampleId :
CMW-37

Tgt Ion:152 Resp: 17478
Ion Ratio Lower Upper
152 100
150 161.7 119.4 179.0
115 71.2 58.2 87.2



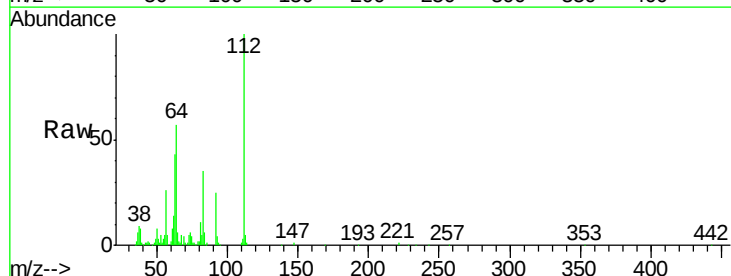
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



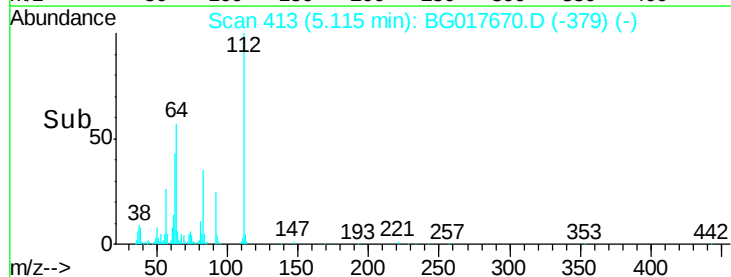
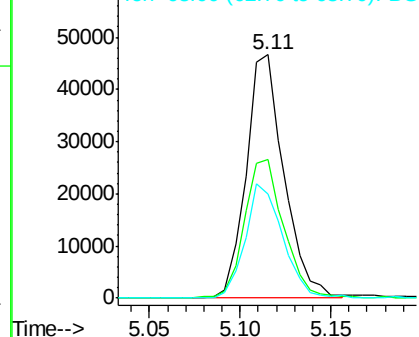
#5

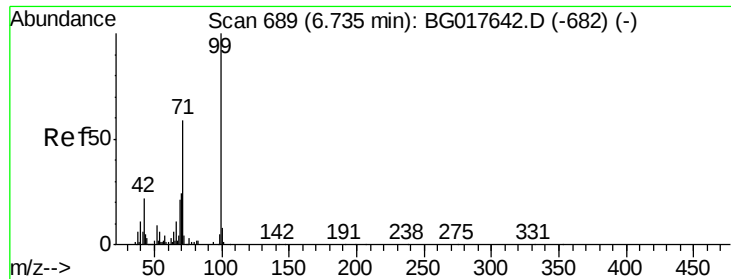
2-Fluorophenol
Concen: 74.93 ng
RT: 5.11 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Tgt Ion:112 Resp: 67621
Ion Ratio Lower Upper
112 100
64 56.8 47.0 70.6
63 42.8 38.6 58.0



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: 48.00 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

Instrument :

BNA_G

ClientSampleId :

CMW-37

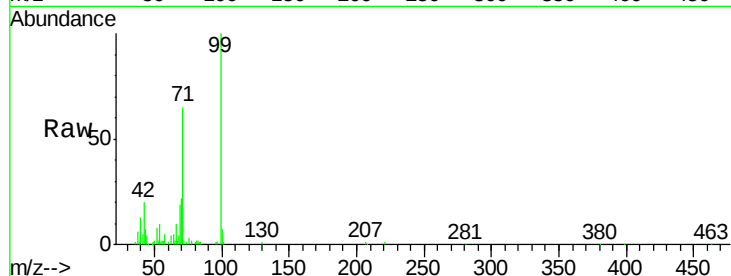
Tgt Ion: 99 Resp: 63467

Ion Ratio Lower Upper

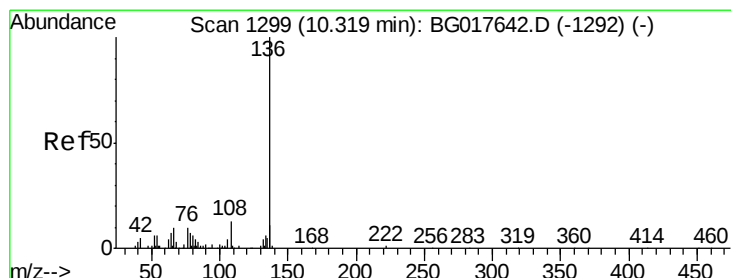
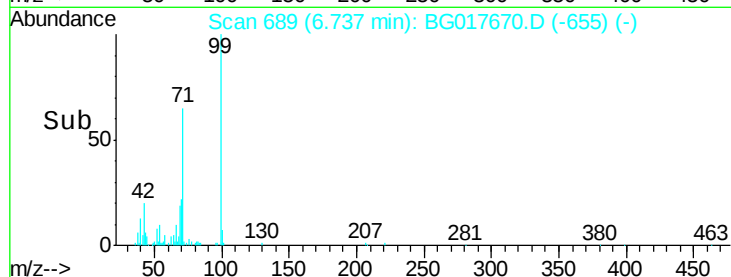
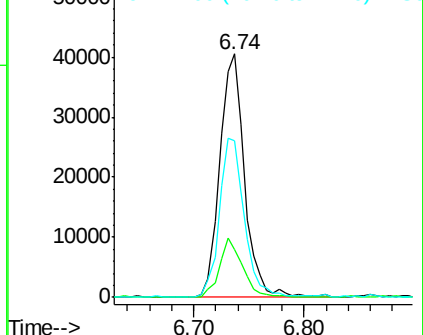
99 100

42 19.6 17.4 26.2

71 64.5 47.4 71.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.31 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

Tgt Ion: 136 Resp: 69714

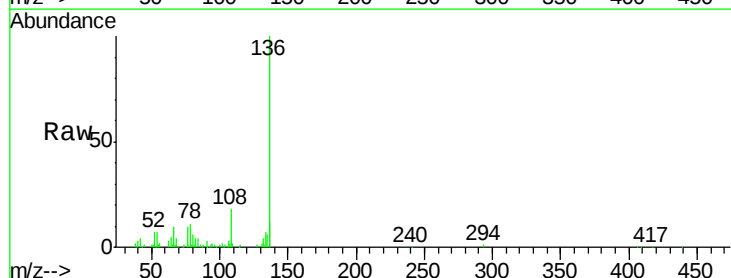
Ion Ratio Lower Upper

136 100

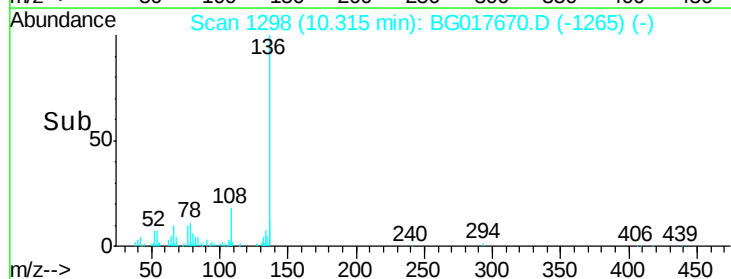
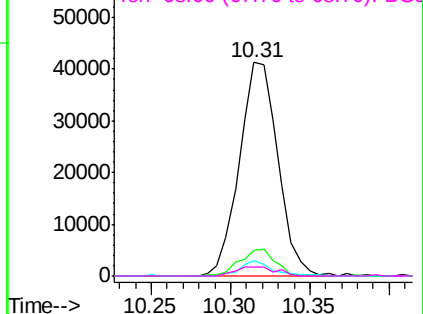
137 11.9 8.7 13.1

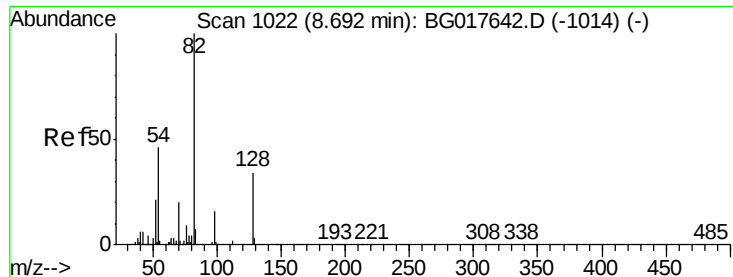
54 7.7 4.7 7.1#

68 4.7 2.4 3.6#



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

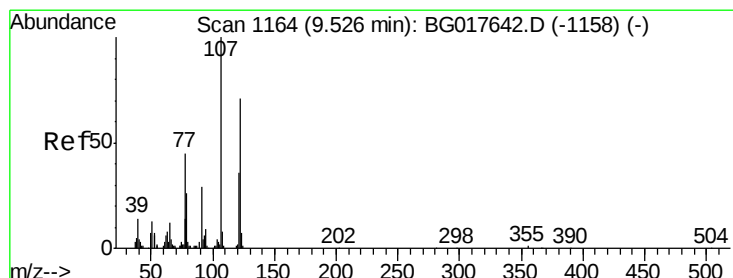
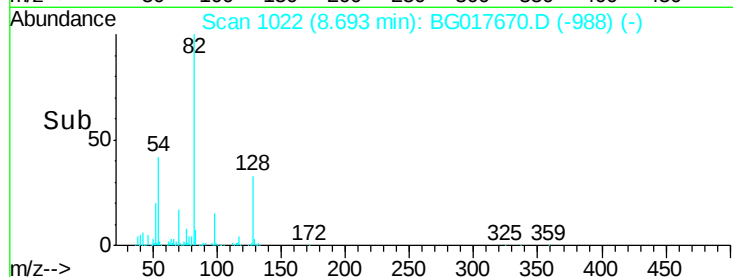
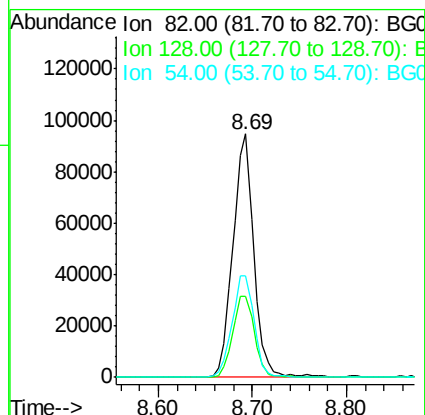
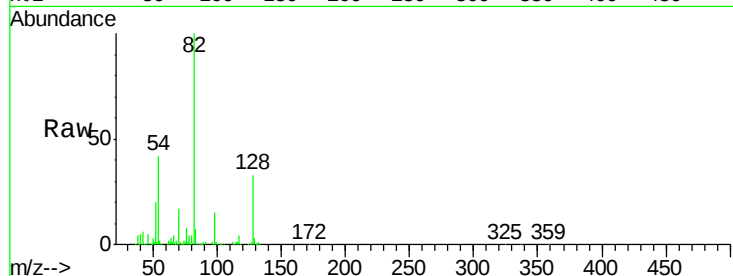




#23
 Nitrobenzene-d5
 Concen: 87.67 ng
 RT: 8.69 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG017670.D
 Acq: 13 Jun 2015 11:52

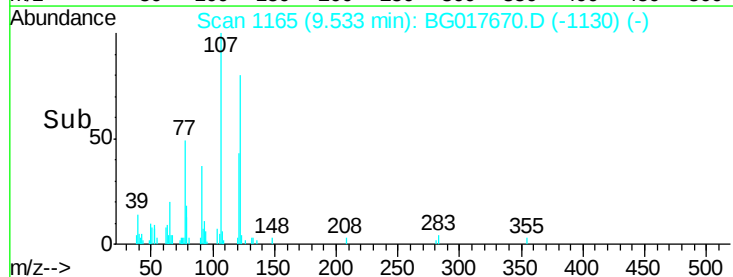
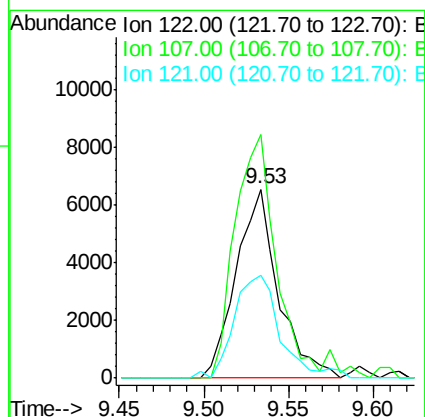
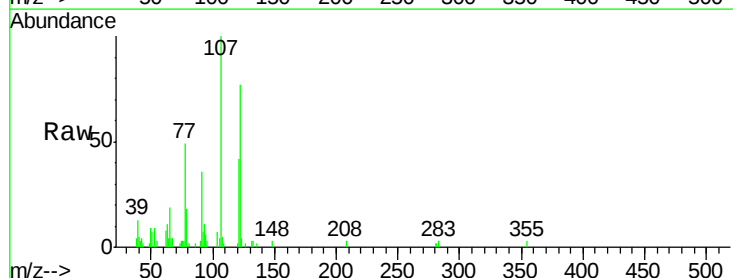
Instrument :
 BNA_G
 ClientSampleId :
 CMW-37

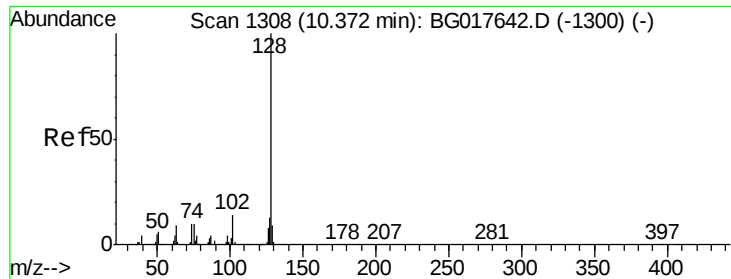
Tgt Ion: 82 Resp: 145604
 Ion Ratio Lower Upper
 82 100
 128 33.5 27.3 40.9
 54 41.7 37.0 55.4



#27
 2,4-Dimethylphenol
 Concen: 10.20 ng
 RT: 9.53 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BG017670.D
 Acq: 13 Jun 2015 11:52

Tgt Ion: 122 Resp: 11349
 Ion Ratio Lower Upper
 122 100
 107 129.1 112.3 168.5
 121 54.2 41.0 61.4

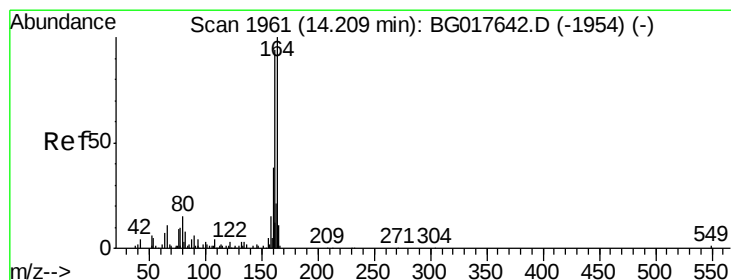
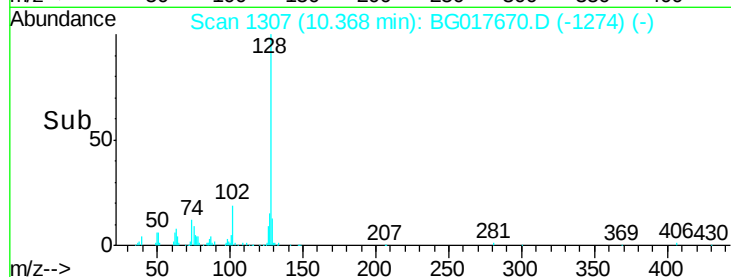
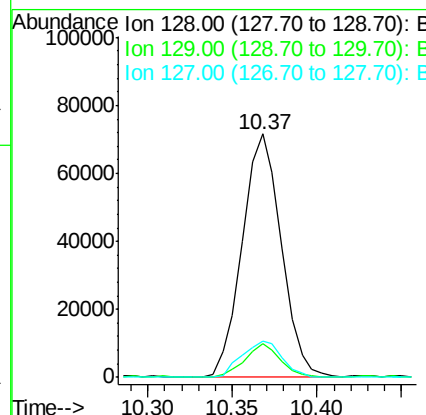
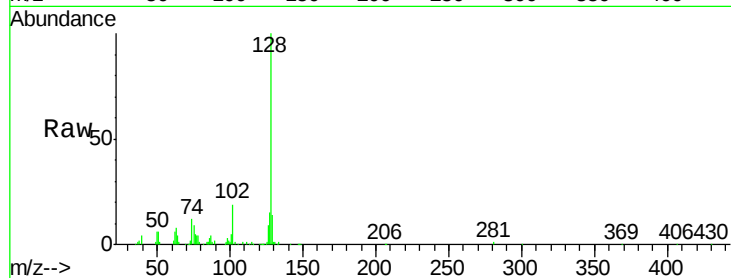




#31
Naphthalene
Concen: 30.75 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

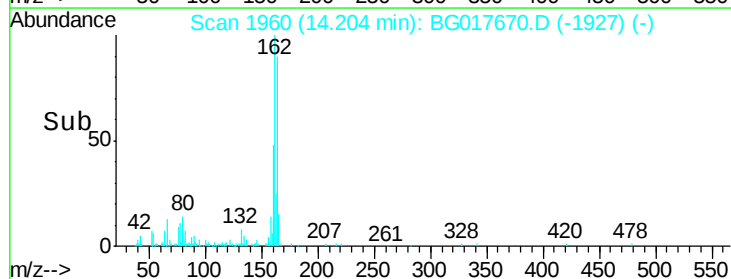
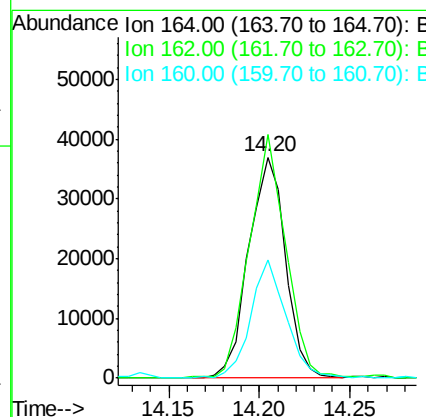
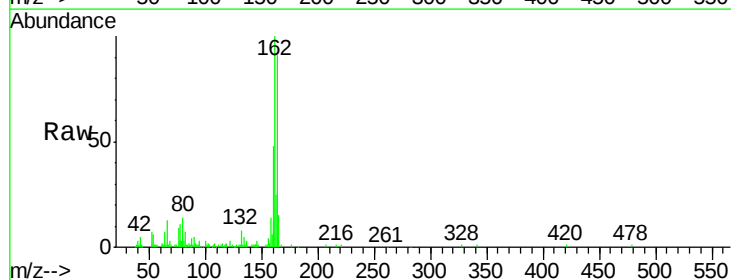
Instrument :
BNA_G
ClientSampleId :
CMW-37

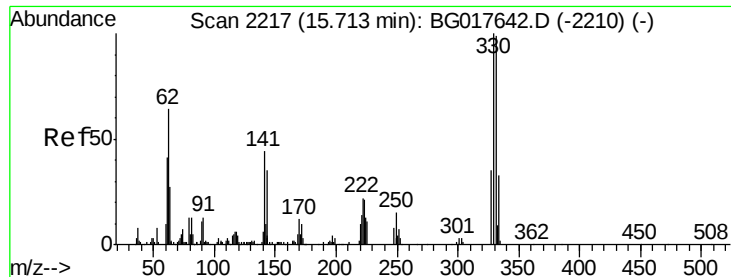
Tgt Ion:128 Resp: 115698
Ion Ratio Lower Upper
128 100
129 13.7 7.0 10.4#
127 15.1 10.2 15.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Tgt Ion:164 Resp: 52231
Ion Ratio Lower Upper
164 100
162 110.1 75.0 112.4
160 53.3 30.3 45.5#





#41

2,4,6-Tribromophenol

Concen: 157.64 ng

RT: 15.71 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

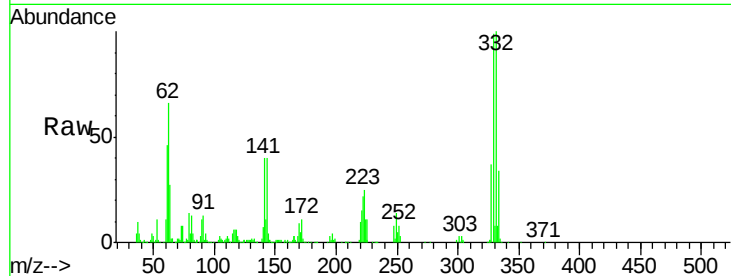
Instrument :

BNA_G

ClientSampleId :

CMW-37

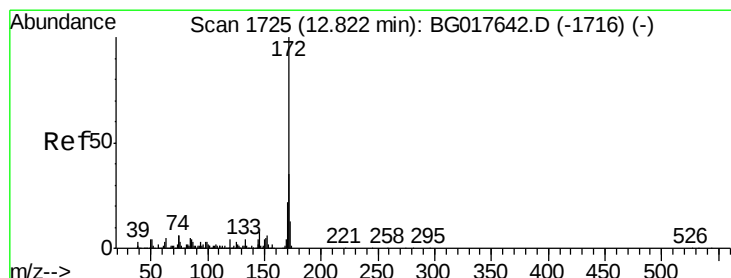
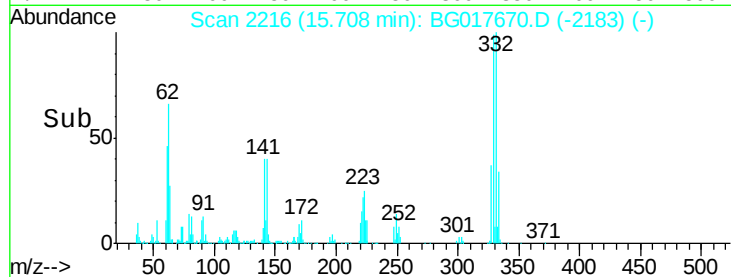
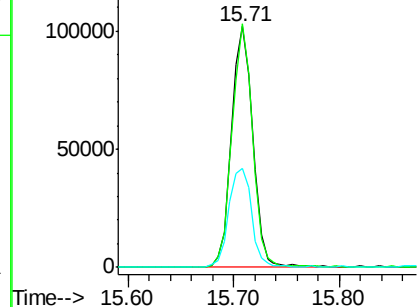
Tgt Ion:	330	Resp:	142127
Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	44.1	34.6	51.8



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: 94.55 ng

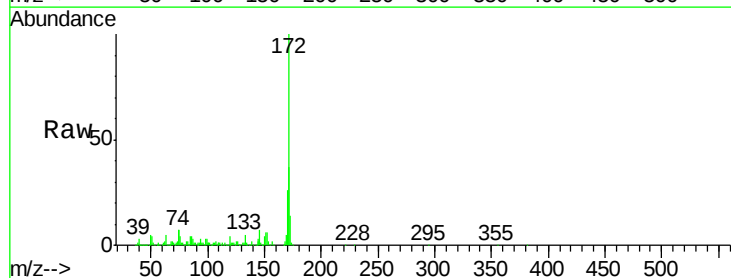
RT: 12.82 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

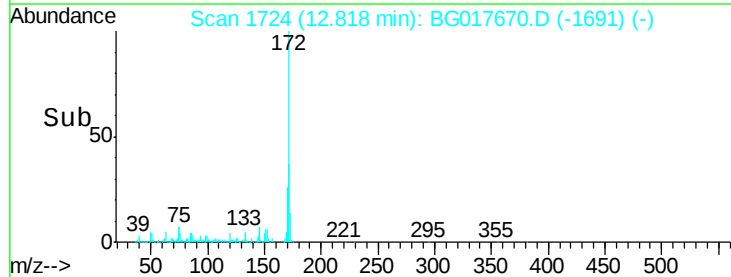
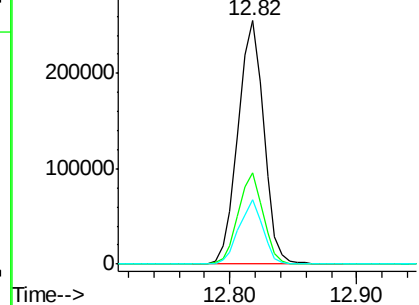
Tgt Ion:	172	Resp:	357057
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.2	42.2
170	26.3	17.4	26.2

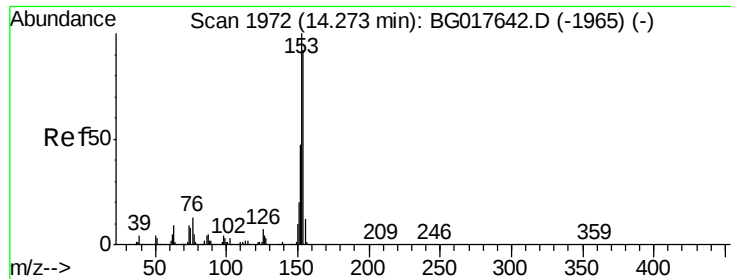


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

Acenaphthene

Concen: 11.84 ng

RT: 14.27 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

Instrument :

BNA_G

ClientSampleId :

CMW-37

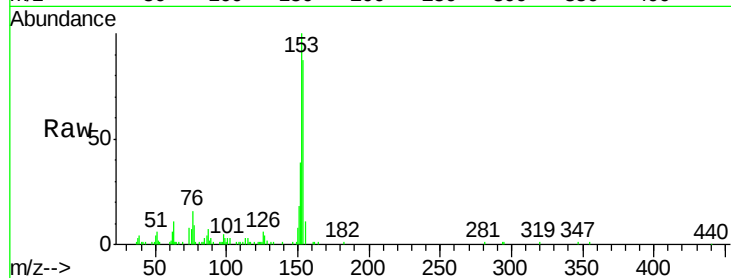
Tgt Ion:154 Resp: 37988

Ion Ratio Lower Upper

154 100

153 115.3 87.2 130.8

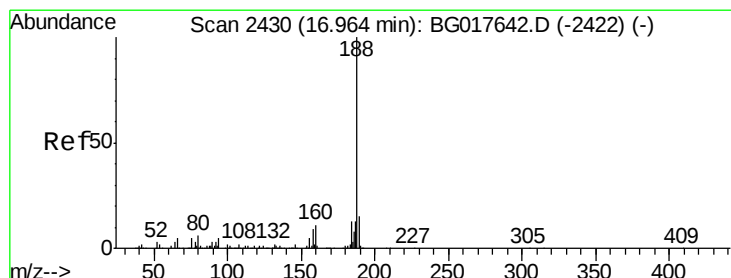
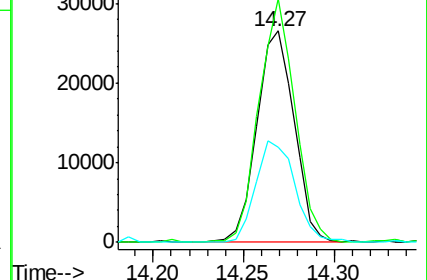
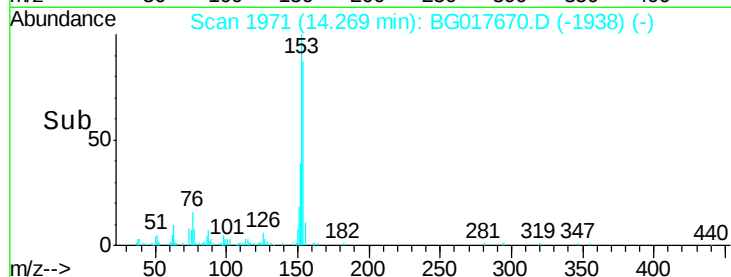
152 45.2 41.0 61.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

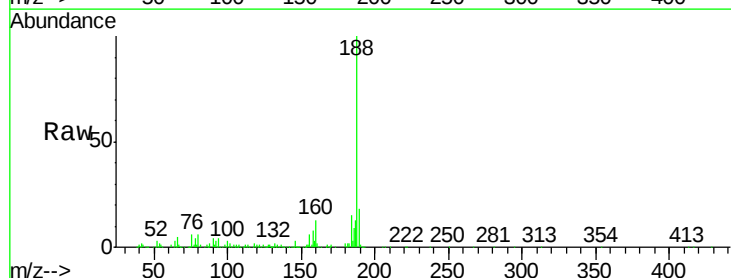
Tgt Ion:188 Resp: 152506

Ion Ratio Lower Upper

188 100

94 3.9 3.9 5.9#

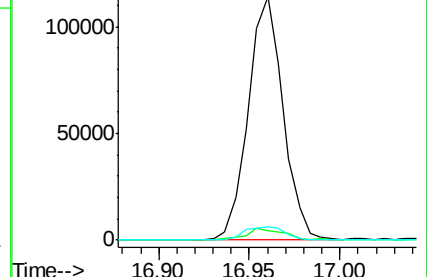
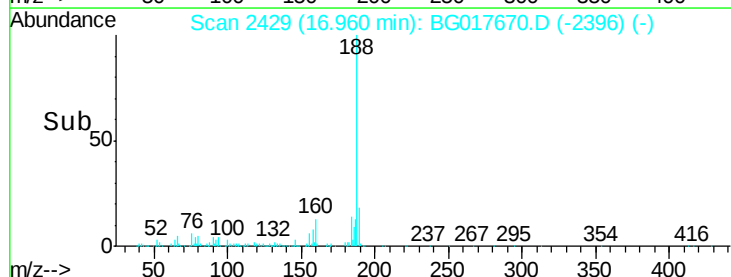
80 5.5 5.0 7.6

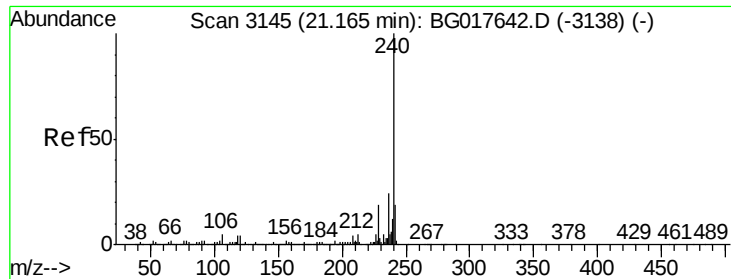


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG017670.D

Acq: 13 Jun 2015 11:52

Instrument :

BNA_G

ClientSampleId :

CMW-37

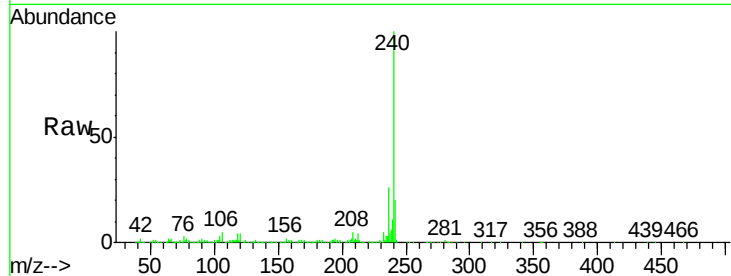
Tgt Ion:240 Resp: 227165

Ion Ratio Lower Upper

240 100

120 3.9 3.5 5.3

236 26.1 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

250000

200000

150000

100000

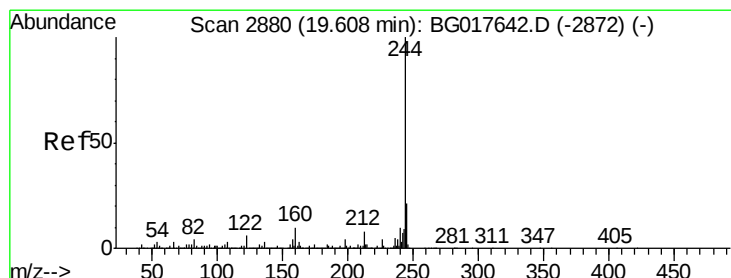
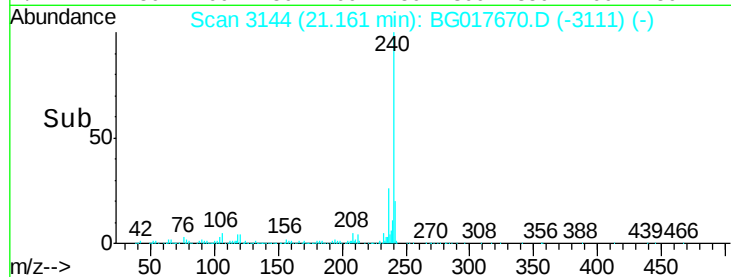
50000

0

21.16

21.10 21.20

Time-->



#78

Terphenyl-d14

Concen: 87.64 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

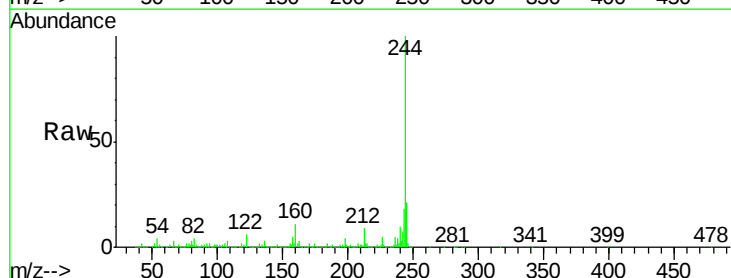
Tgt Ion:244 Resp: 954383

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

122 5.9 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

1000000

800000

600000

400000

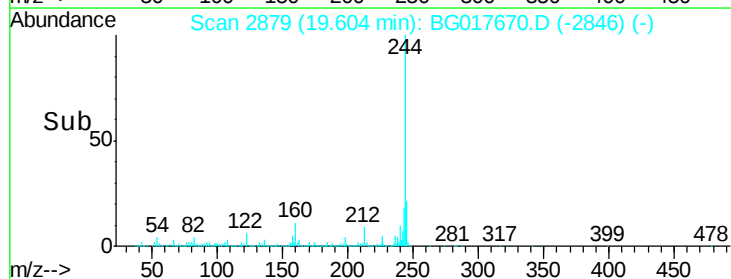
200000

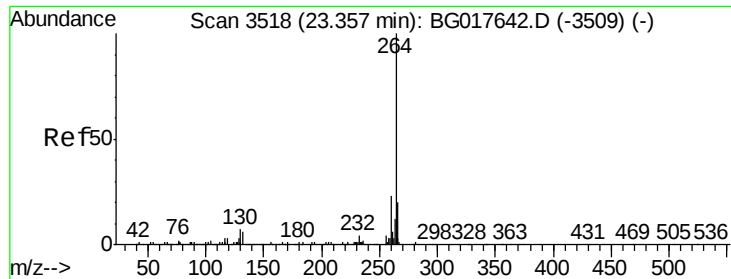
0

19.60

19.50 19.55 19.65

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Instrument :
BNA_G
ClientSampleId :
CMW-37

Tgt Ion:	264	Resp:	217363
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.5	16.2	24.2

