

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
 Data File : BG017686.D
 Acq On : 15 Jun 2015 11:41
 Operator : TP/IZ
 Sample : G2627-10RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-27RE

Quant Time: Jun 16 01:44:54 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

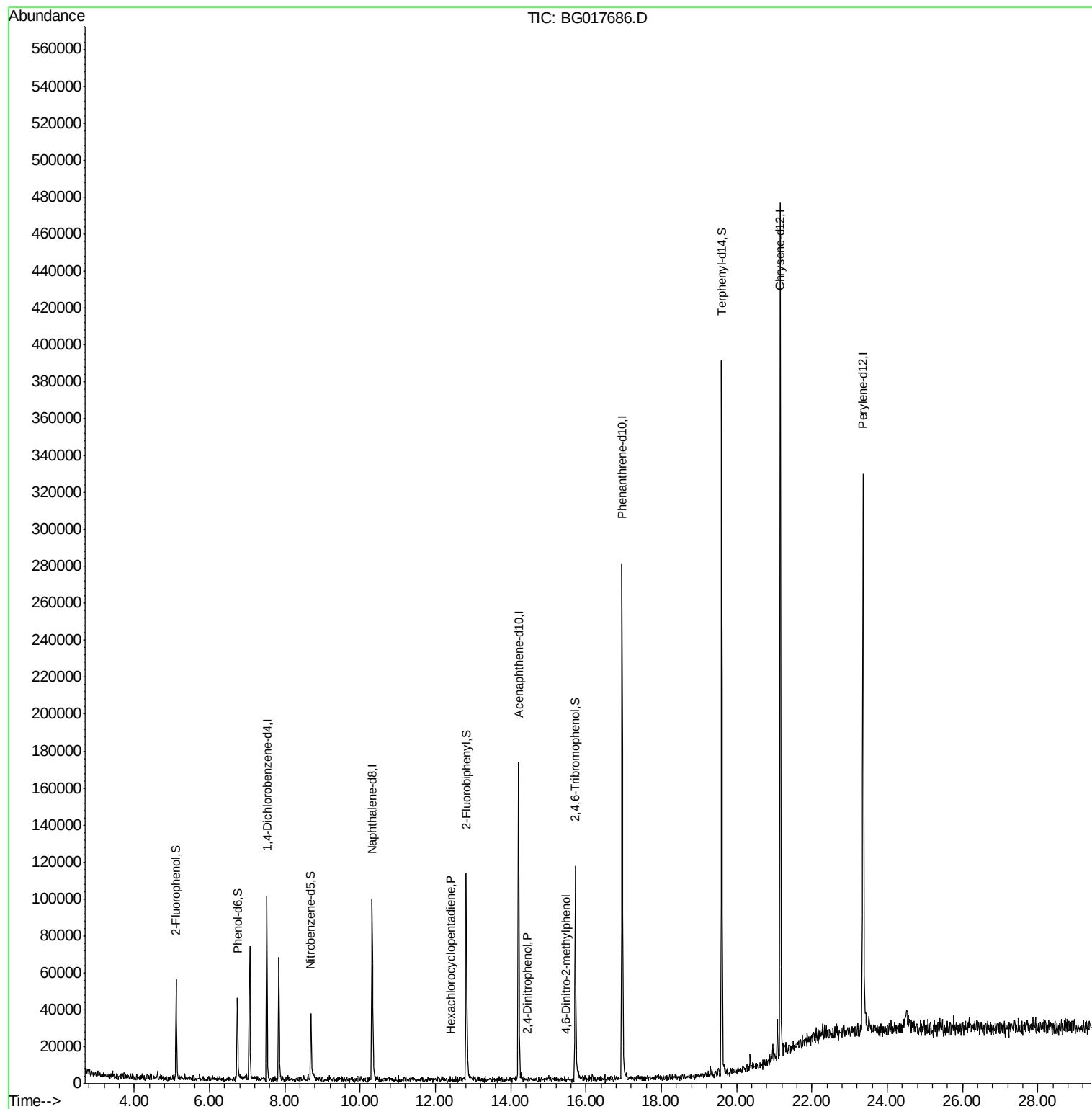
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	20707	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	73278	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	55574	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	162498	20.00	ng	0.00
75) Chrysene-d12	21.17	240	235826	20.00	ng	0.00
86) Perylene-d12	23.36	264	242560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	18026	16.86	ng	0.00
7) Phenol-d6	6.74	99	20991	13.40	ng	0.00
23) Nitrobenzene-d5	8.70	82	20751	11.89	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	20921	21.81	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	59098	14.71	ng	0.00
78) Terphenyl-d14	19.61	244	168707	14.92	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.41	237	57	5.04	ng	# 25
53) 2,4-Dinitrophenol	14.43	184	68	5.97	ng	# 13
64) 4,6-Dinitro-2-methylphenol	15.48	198	56	5.29	ng	# 39

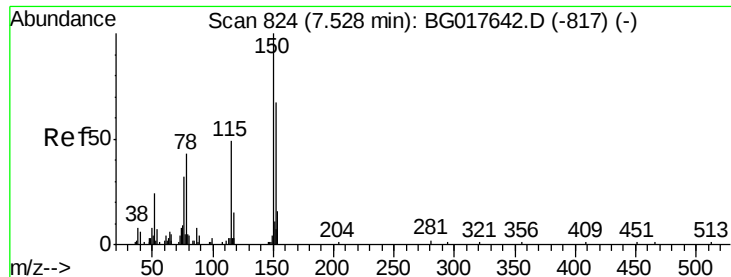
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017686.D

Acq: 15 Jun 2015 11:41

Instrument :

BNA_G

ClientSampled :

MW-27RE

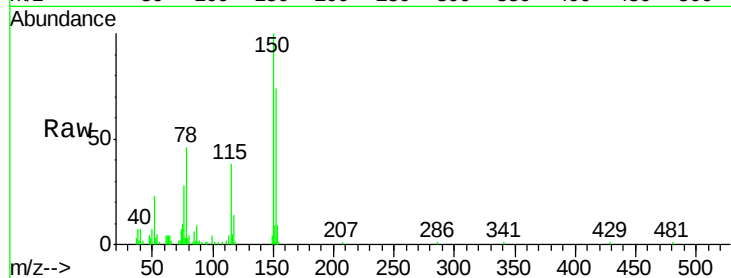
Tgt Ion:152 Resp: 20707

Ion Ratio Lower Upper

152 100

150 135.5 119.4 179.0

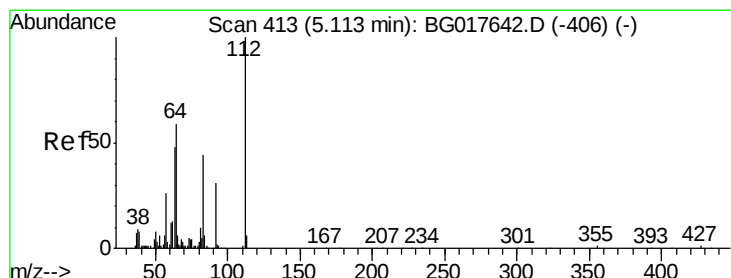
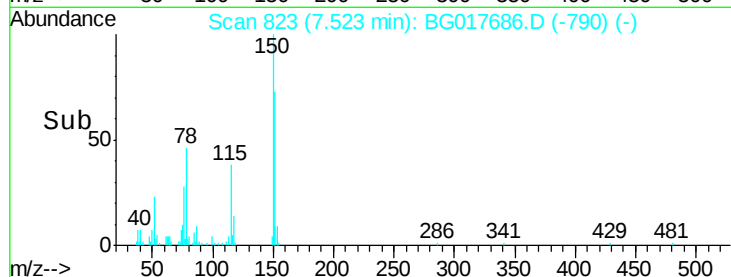
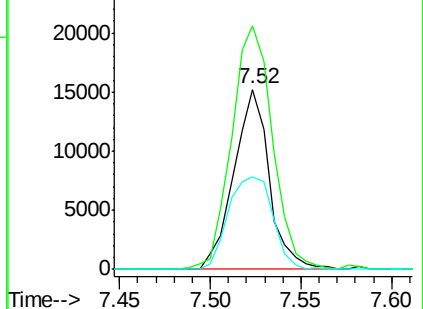
115 51.5 58.2 87.2#



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: 16.86 ng

RT: 5.11 min Scan# 412

Delta R.T. -0.00 min

Lab File: BG017686.D

Acq: 15 Jun 2015 11:41

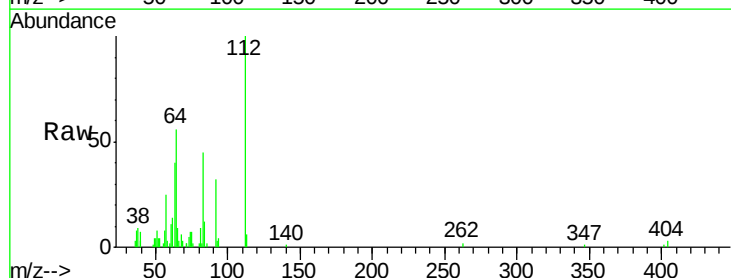
Tgt Ion:112 Resp: 18026

Ion Ratio Lower Upper

112 100

64 56.1 47.0 70.6

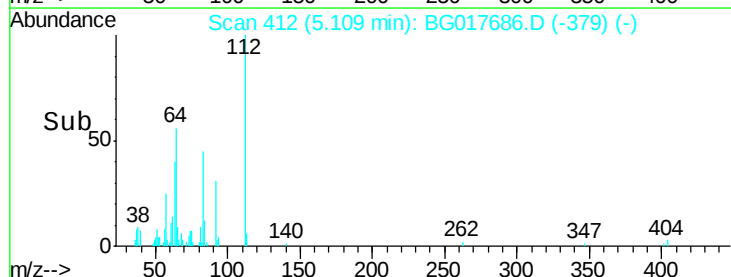
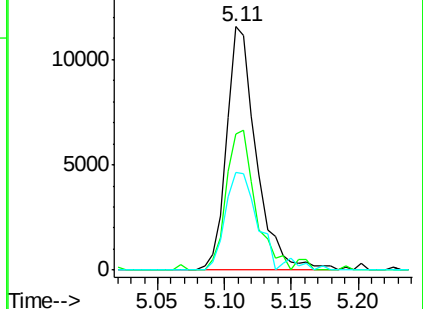
63 40.3 38.6 58.0

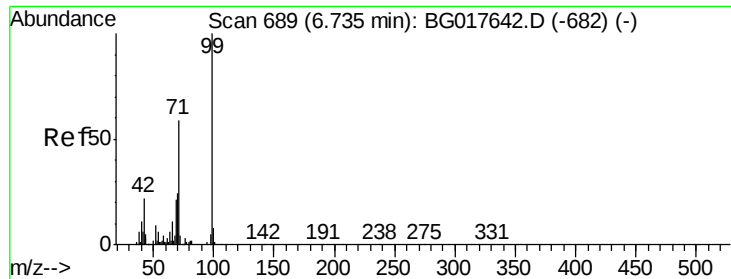


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 13.40 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017686.D

Acq: 15 Jun 2015 11:41

Instrument :

BNA_G

ClientSampleId :

MW-27RE

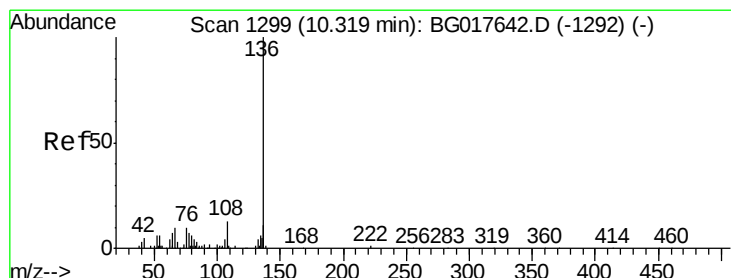
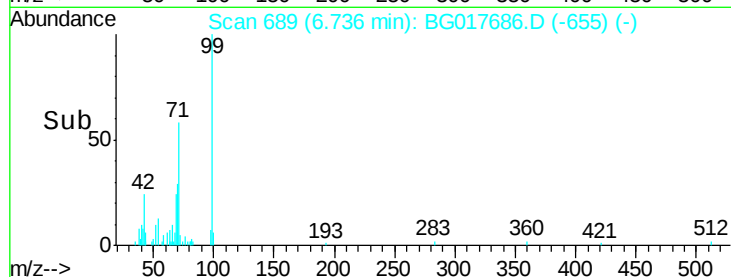
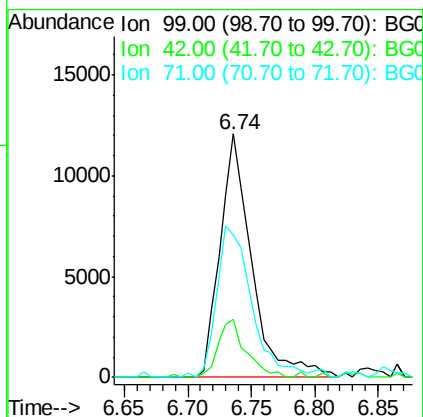
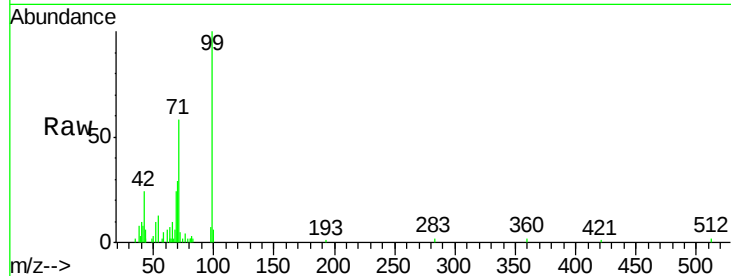
Tgt Ion: 99 Resp: 20991

Ion Ratio Lower Upper

99 100

42 23.9 17.4 26.2

71 58.5 47.4 71.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG017686.D

Acq: 15 Jun 2015 11:41

Tgt Ion: 136 Resp: 73278

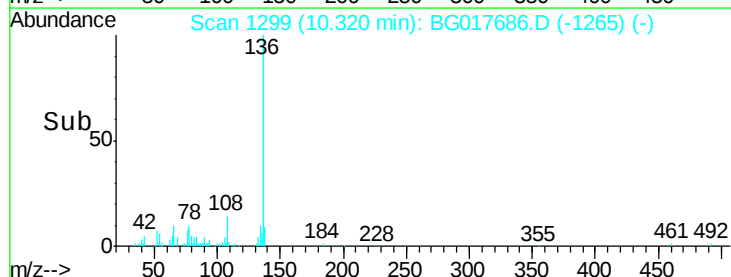
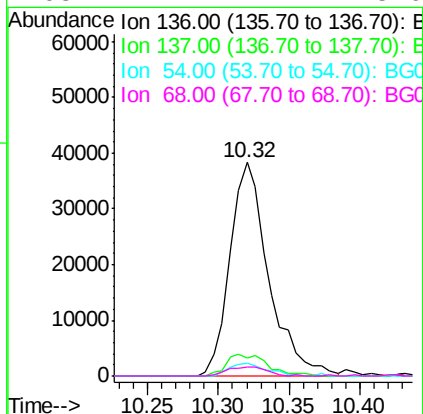
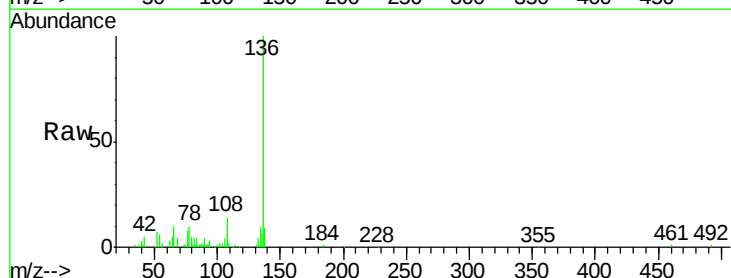
Ion Ratio Lower Upper

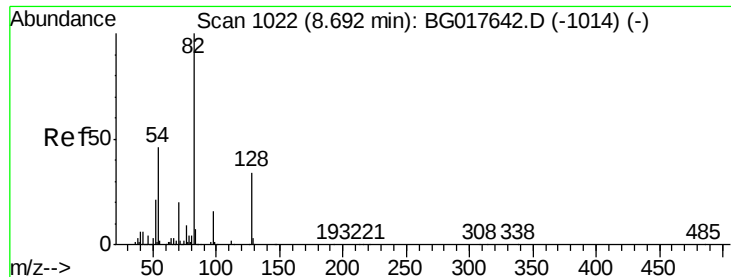
136 100

137 8.5 8.7 13.1#

54 6.0 4.7 7.1

68 4.4 2.4 3.6#

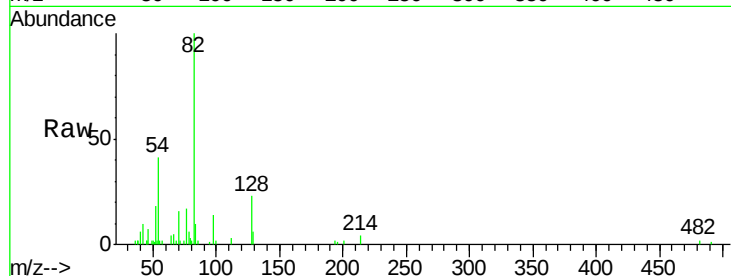




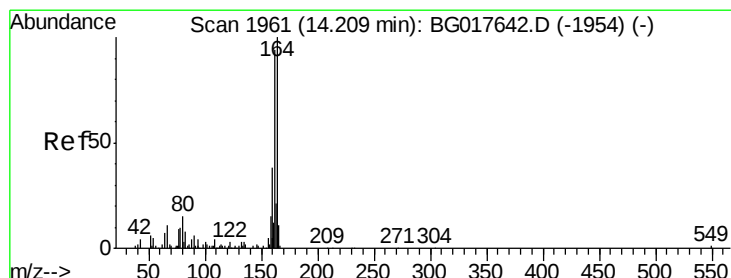
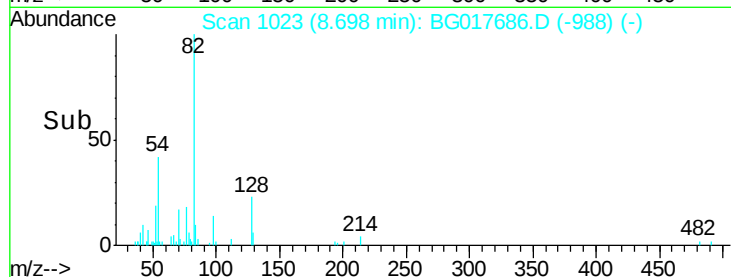
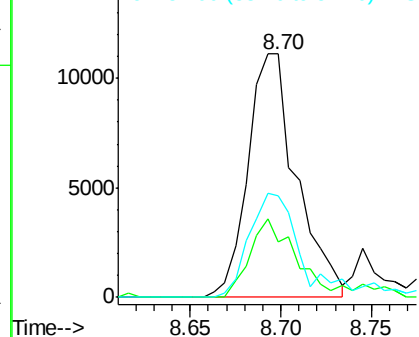
#23
 Nitrobenzene-d5
 Concen: 11.89 ng
 RT: 8.70 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BG017686.D
 Acq: 15 Jun 2015 11:41

Instrument :
 BNA_G
 ClientSampled :
 MW-27RE

Tgt Ion: 82 Resp: 20751
 Ion Ratio Lower Upper
 82 100
 128 22.5 27.3 40.9#
 54 41.5 37.0 55.4

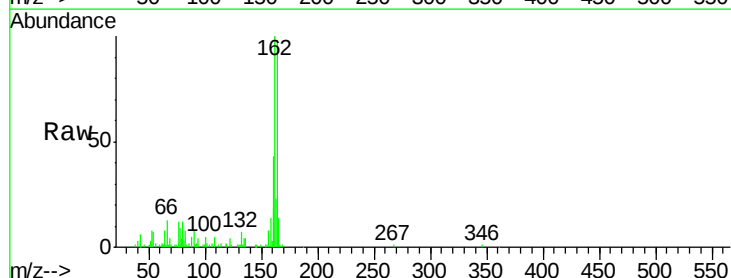


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

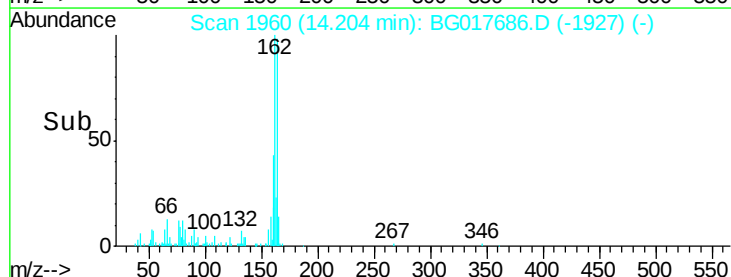
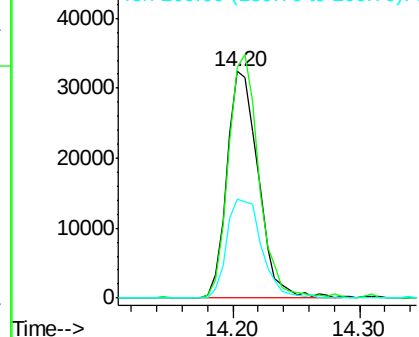


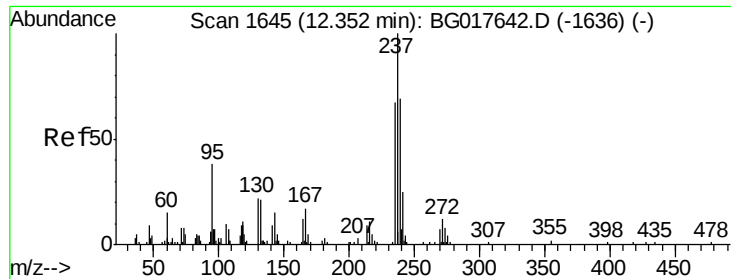
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG017686.D
 Acq: 15 Jun 2015 11:41

Tgt Ion: 164 Resp: 55574
 Ion Ratio Lower Upper
 164 100
 162 101.9 75.0 112.4
 160 43.8 30.3 45.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#40

Hexachlorocyclopentadiene

Concen: 5.04 ng

RT: 12.41 min Scan# 1654

Delta R.T. 0.05 min

Lab File: BG017686.D

Acq: 15 Jun 2015 11:41

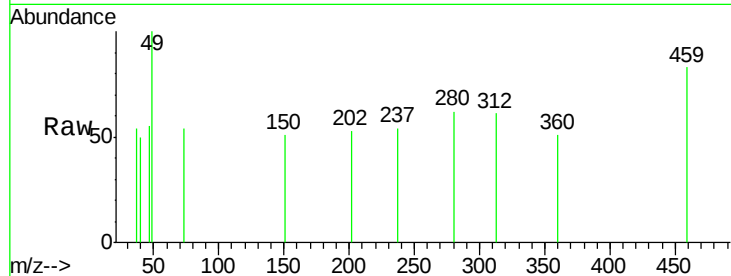
Instrument :

BNA_G

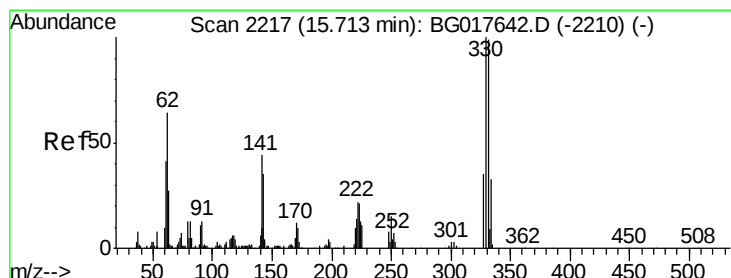
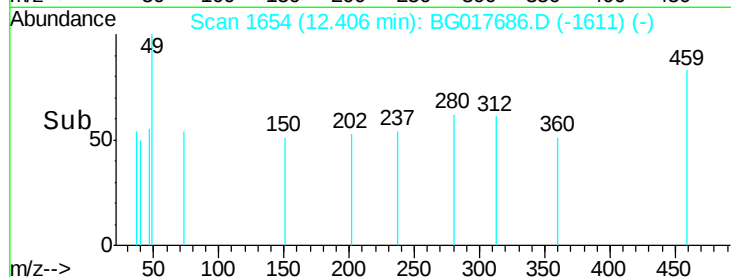
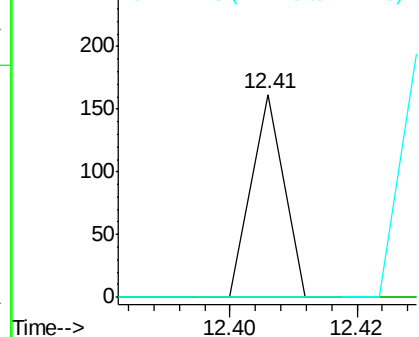
ClientSampleId :

MW-27RE

Tgt Ion:	237	Resp:	57
Ion	Ratio	Lower	Upper
237	100		
235	0.0	46.6	86.6#
272	0.0	0.0	32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 21.81 ng

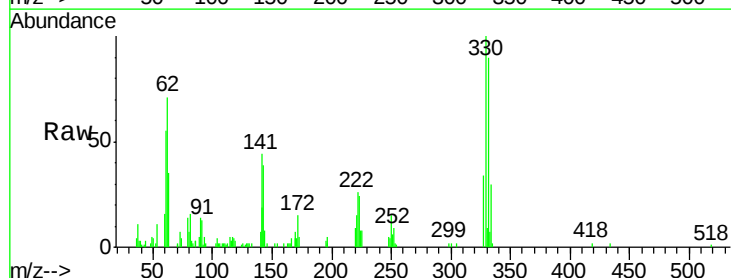
RT: 15.71 min Scan# 2217

Delta R.T. 0.00 min

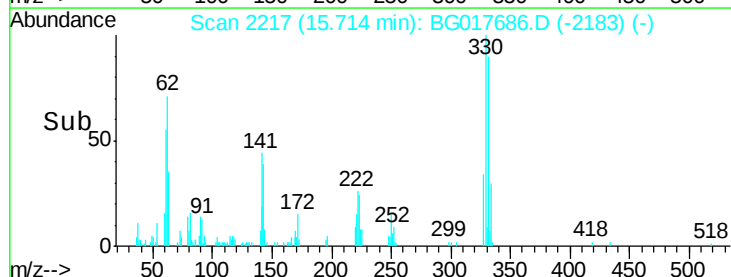
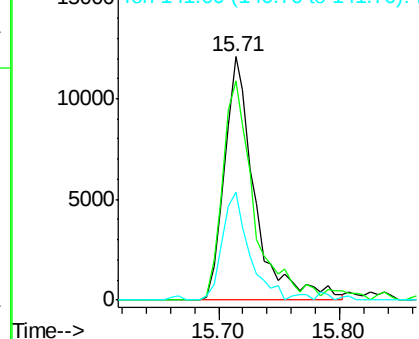
Lab File: BG017686.D

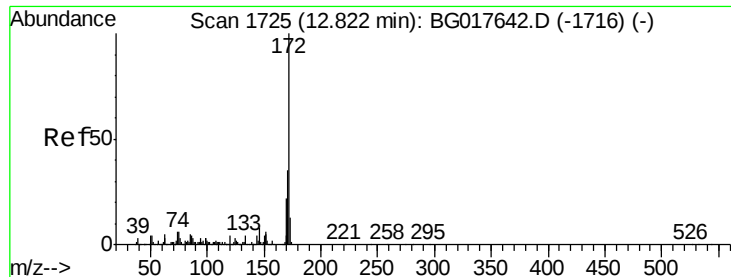
Acq: 15 Jun 2015 11:41

Tgt Ion:	330	Resp:	20921
Ion	Ratio	Lower	Upper
330	100		
332	90.2	76.6	114.8
141	39.2	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: 14.71 ng

RT: 12.82 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG017686.D

Acq: 15 Jun 2015 11:41

Instrument :

BNA_G

ClientSampleId :

MW-27RE

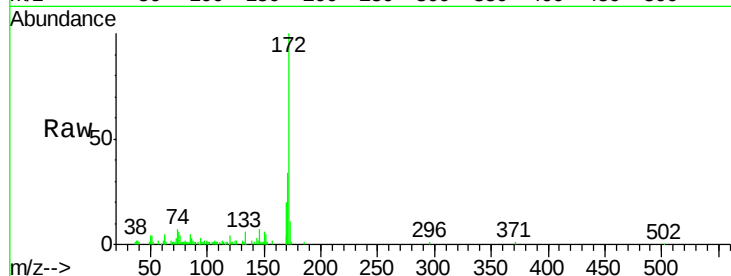
Tgt Ion:172 Resp: 59098

Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.2

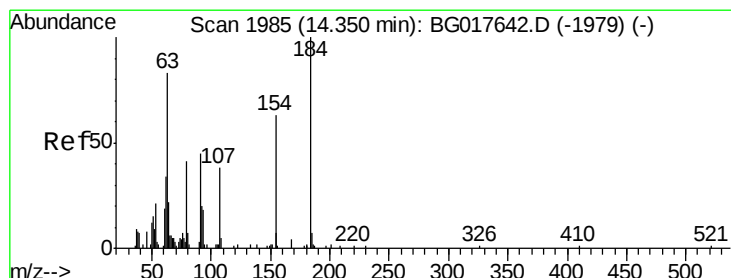
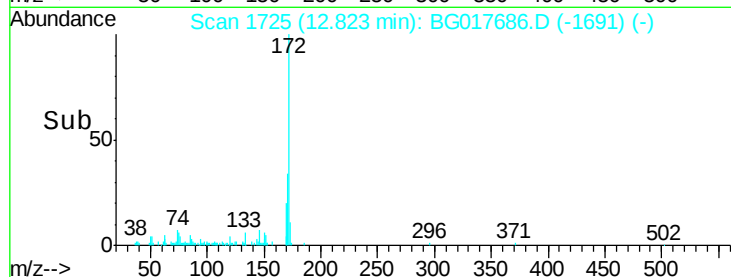
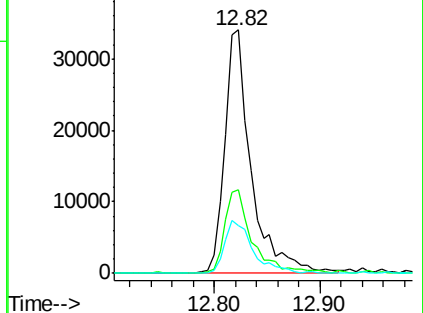
170 19.9 17.4 26.2



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



#53

2,4-Dinitrophenol

Concen: 5.97 ng

RT: 14.43 min Scan# 1998

Delta R.T. 0.08 min

Lab File: BG017686.D

Acq: 15 Jun 2015 11:41

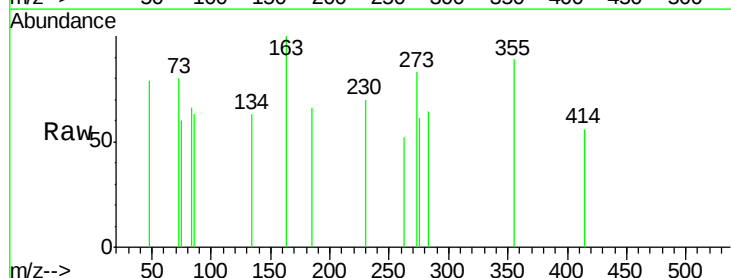
Tgt Ion:184 Resp: 68

Ion Ratio Lower Upper

184 100

63 0.0 66.5 99.7#

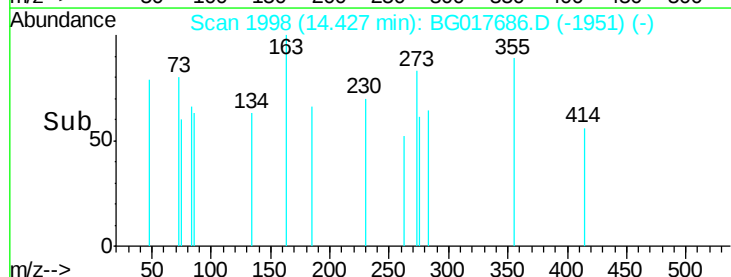
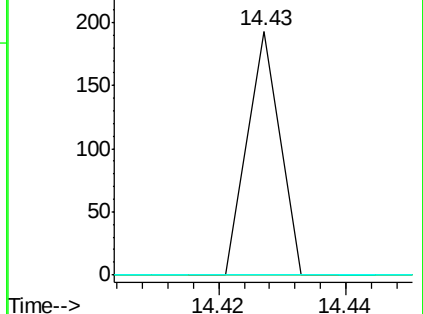
154 0.0 50.5 75.7#

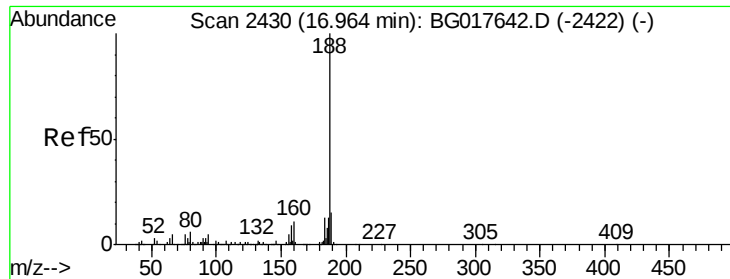


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.97 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG017686.D

Acq: 15 Jun 2015 11:41

Instrument :

BNA_G

ClientSampleId :

MW-27RE

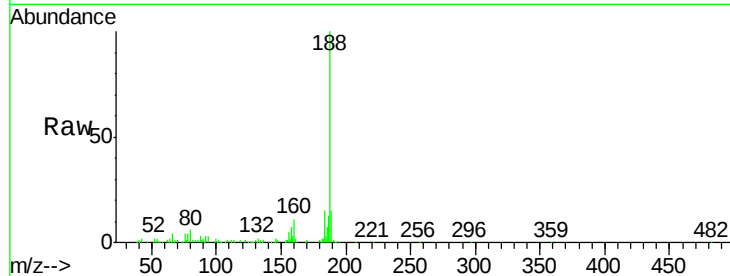
Tgt Ion:188 Resp: 162498

Ion Ratio Lower Upper

188 100

94 3.4 3.9 5.9#

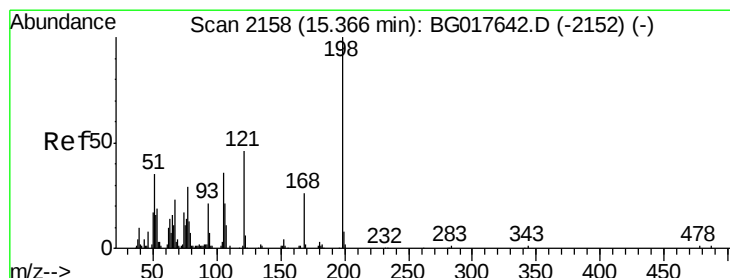
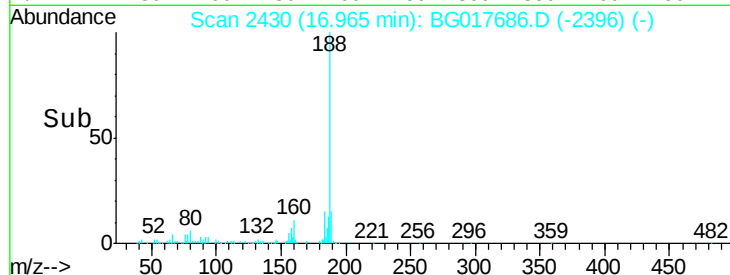
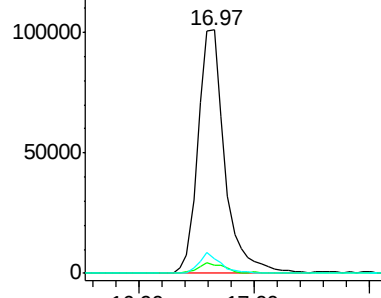
80 6.0 5.0 7.6



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.29 ng

RT: 15.48 min Scan# 2177

Delta R.T. 0.11 min

Lab File: BG017686.D

Acq: 15 Jun 2015 11:41

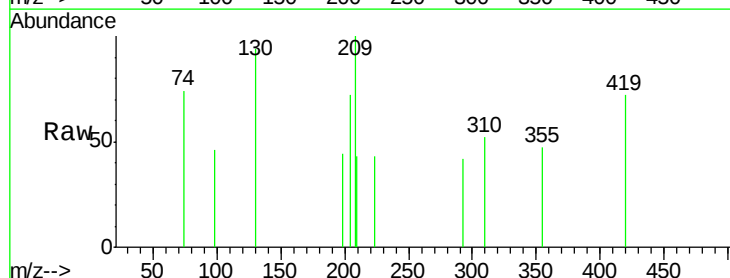
Tgt Ion:198 Resp: 56

Ion Ratio Lower Upper

198 100

51 0.0 16.2 56.2#

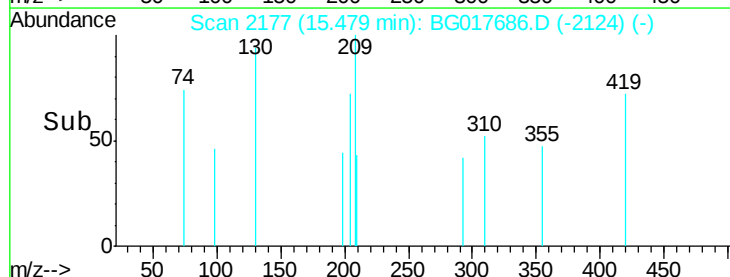
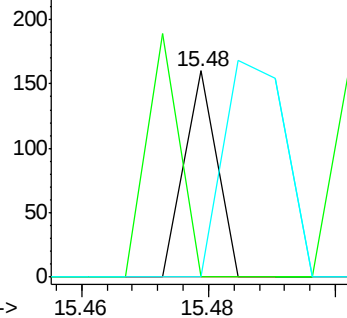
105 0.0 15.7 55.7#

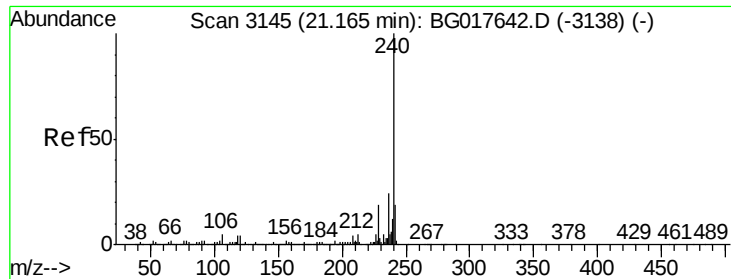


Abundance Ion 198.00 (197.70 to 198.70): E

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: 21.17 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG017686.D

Acq: 15 Jun 2015 11:41

Instrument :

BNA_G

ClientSampleId :

MW-27RE

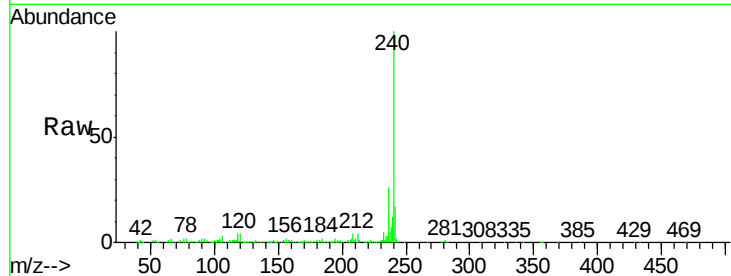
Tgt Ion:240 Resp: 235826

Ion Ratio Lower Upper

240 100

120 4.0 3.5 5.3

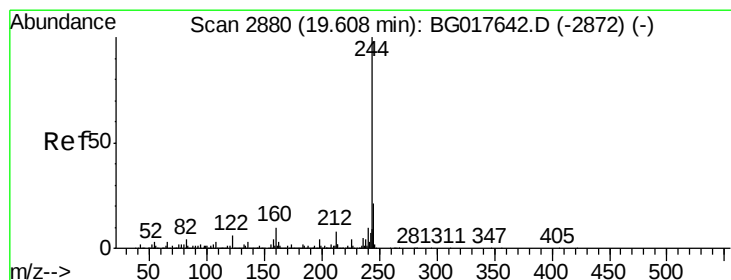
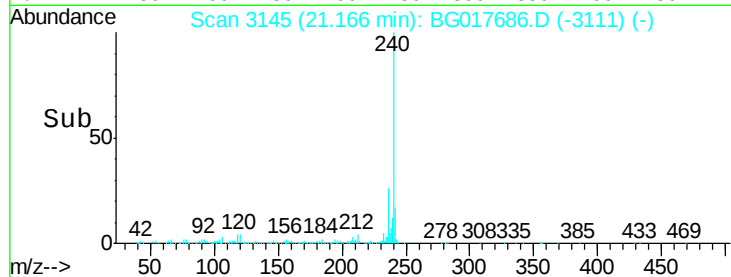
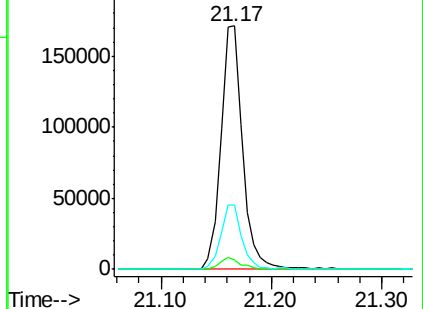
236 26.2 19.5 29.3



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: 14.92 ng

RT: 19.61 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG017686.D

Acq: 15 Jun 2015 11:41

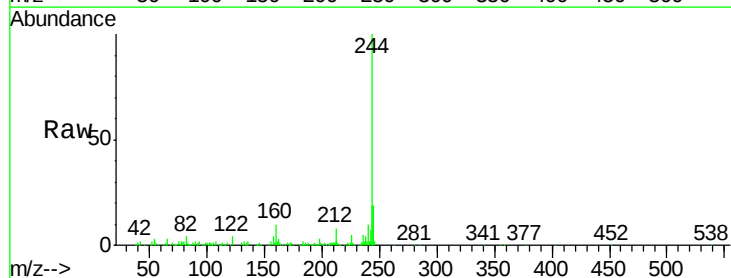
Tgt Ion:244 Resp: 168707

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

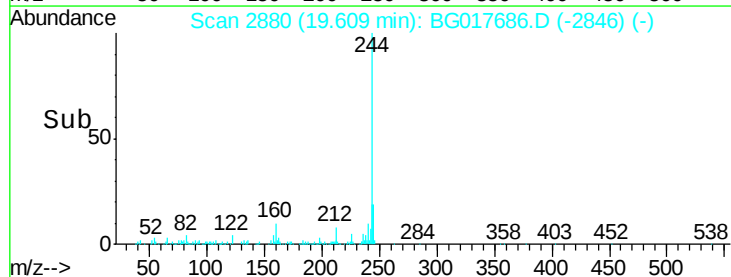
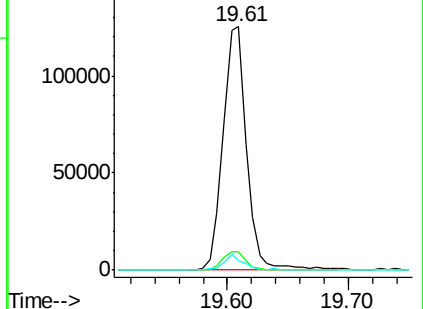
122 4.1 4.6 6.8#

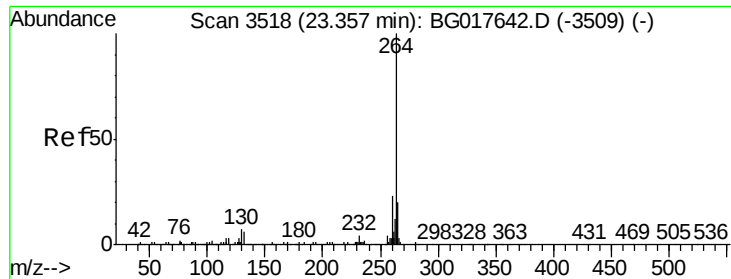


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

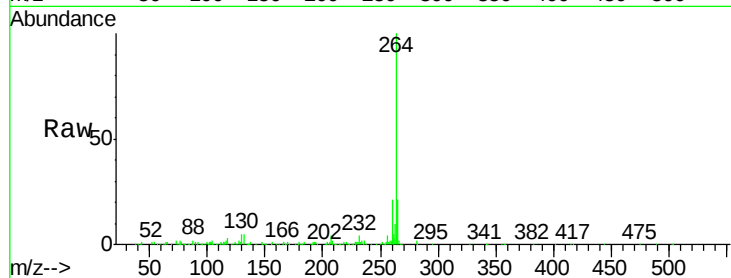




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG017686.D
Acq: 15 Jun 2015 11:41

Instrument :
BNA_G
ClientSampleId :
MW-27RE

Tgt Ion:	264	Resp:	242560
Ion	Ratio	Lower	Upper
264	100		
260	20.7	18.3	27.5
265	20.8	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

