

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG020003.D
 Acq On : 8 Dec 2015 5:16
 Operator : UM/NP
 Sample : G4676-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Quant Time: Dec 08 07:00:49 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

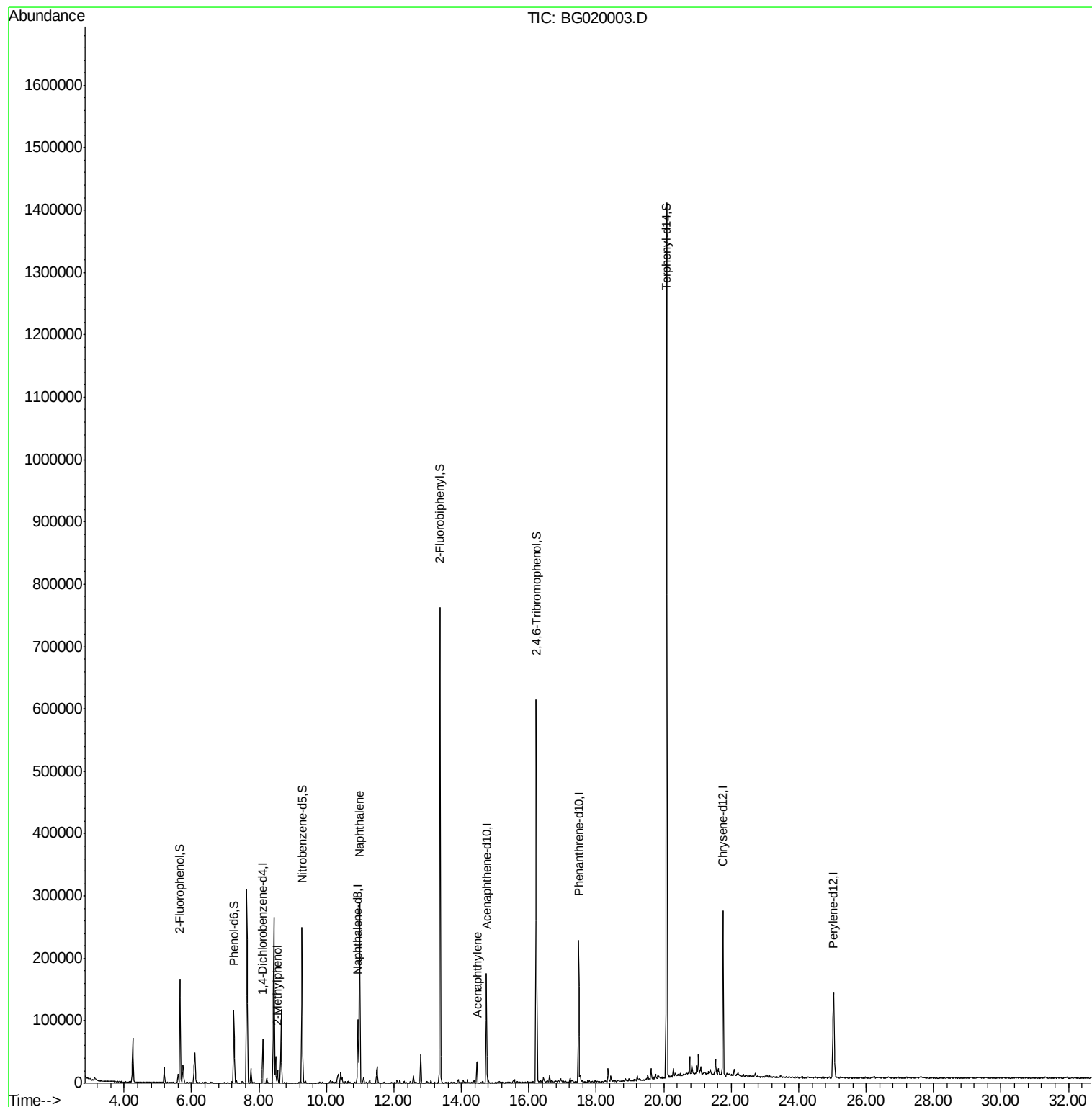
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19230	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	85009	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	58747	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	141255	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	169811	20.00	ng	-0.04
86) Perylene-d12	25.03	264	157672	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	69430	65.25	ng	-0.01
7) Phenol-d6	7.26	99	62335	38.80	ng	-0.02
23) Nitrobenzene-d5	9.28	82	157284	94.43	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	115313	128.29	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	368021	85.54	ng	-0.02
78) Terphenyl-d14	20.08	244	618024	88.77	ng	-0.03
Target Compounds						
17) 2-Methylphenol	8.55	107	6176	5.17	ng	Qvalue # 83
31) Naphthalene	10.98	128	236655	51.97	ng	99
48) Acenaphthylene	14.46	152	25310	4.00	ng	96

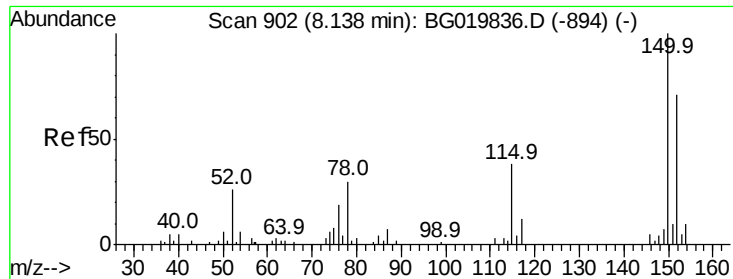
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG020003.D

Acq: 8 Dec 2015 5:16

Instrument :

BNA_G

ClientSampled :

MW-9

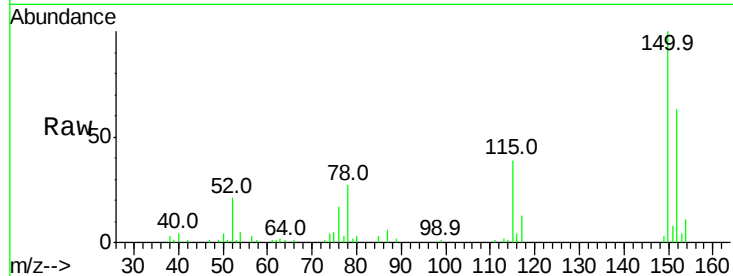
Tot Ion:152 Resp: 19230

Ion Ratio Lower Upper

152 100

150 158.4 115.0 172.4

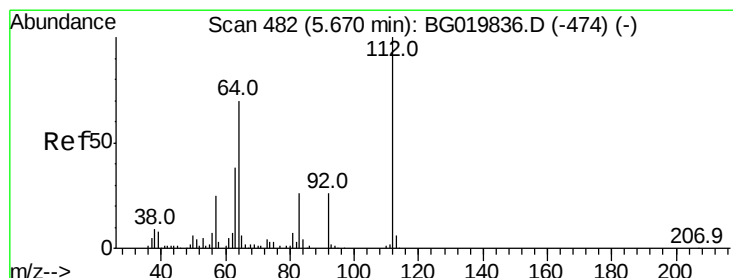
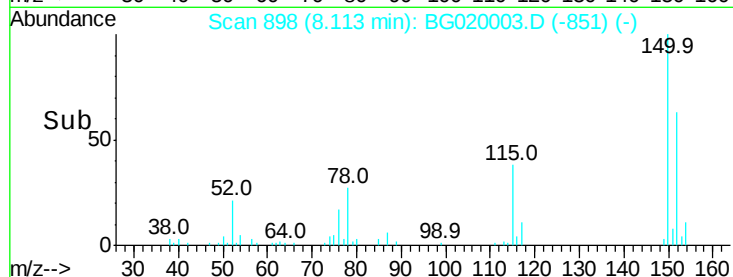
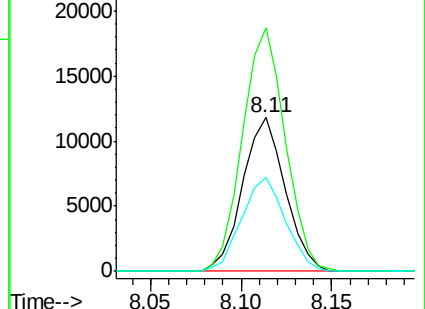
115 61.4 43.9 65.9



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: 65.25 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020003.D

Acq: 8 Dec 2015 5:16

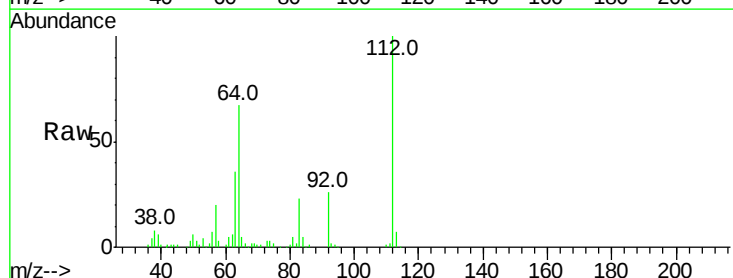
Tgt Ion:112 Resp: 69430

Ion Ratio Lower Upper

112 100

64 66.8 43.7 65.5#

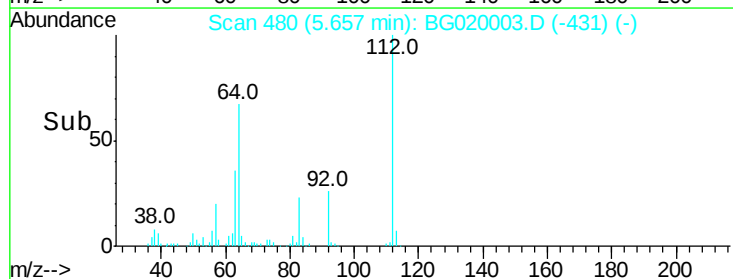
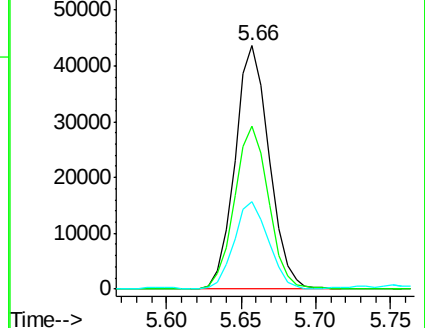
63 35.8 24.0 36.0

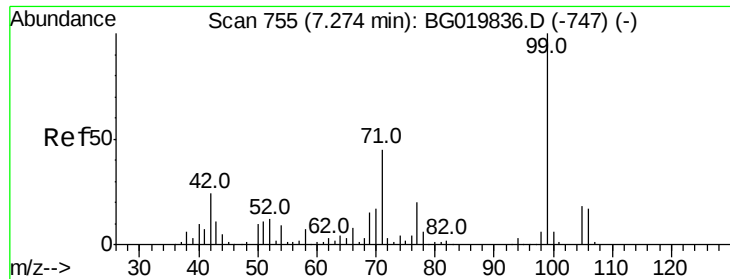


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.80 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020003.D

Acq: 8 Dec 2015 5:16

Instrument :

BNA_G

ClientSampleId :

MW-9

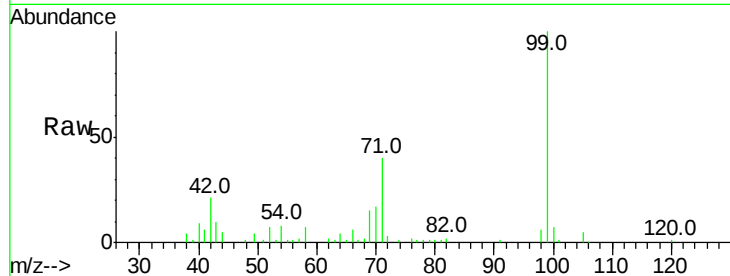
Tot Ion: 99 Resp: 62335

Ion Ratio Lower Upper

99 100

42 21.2 11.5 17.3#

71 39.5 22.6 34.0#

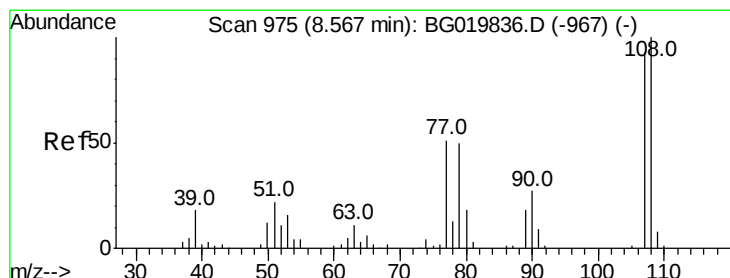
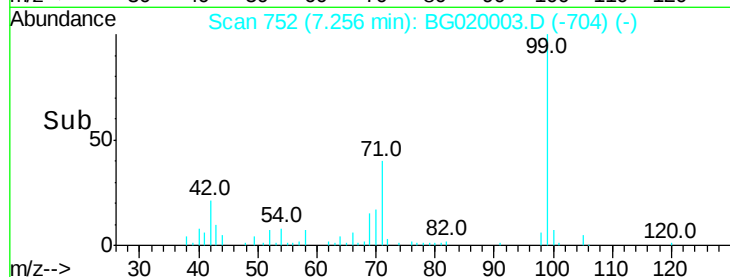
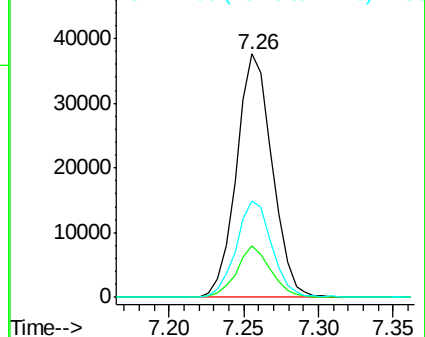


Abundance

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



#17

2-Methylphenol

Concen: 5.17 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.02 min

Lab File: BG020003.D

Acq: 8 Dec 2015 5:16

Tgt Ion: 107 Resp: 6176

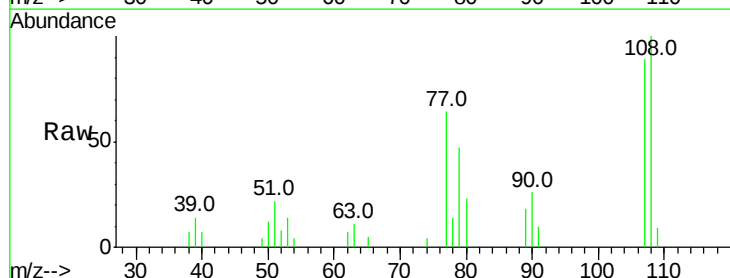
Ion Ratio Lower Upper

107 100

108 112.7 86.5 129.7

77 71.8 34.6 51.8#

79 52.6 32.3 48.5#



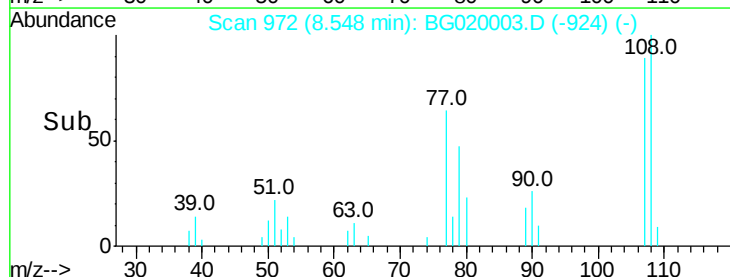
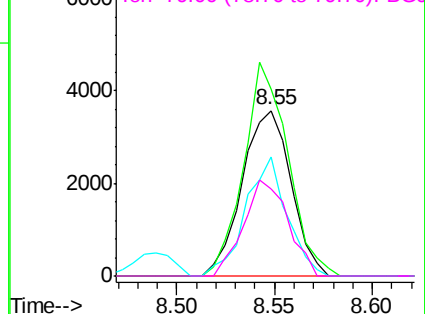
Abundance

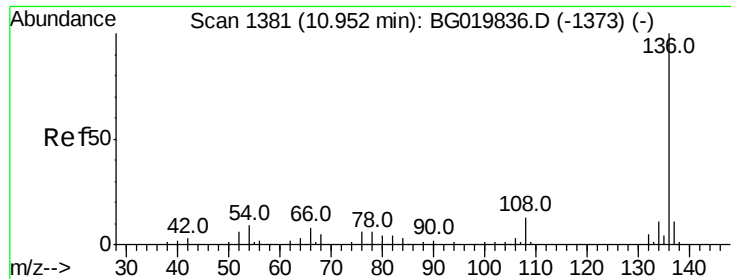
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

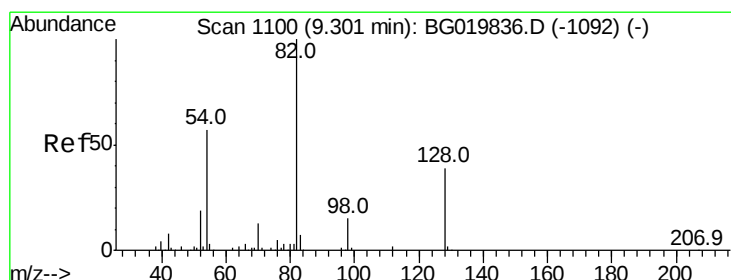
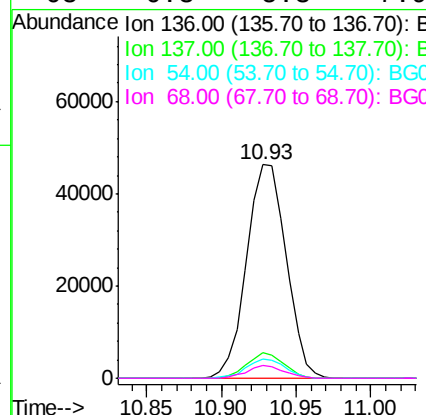
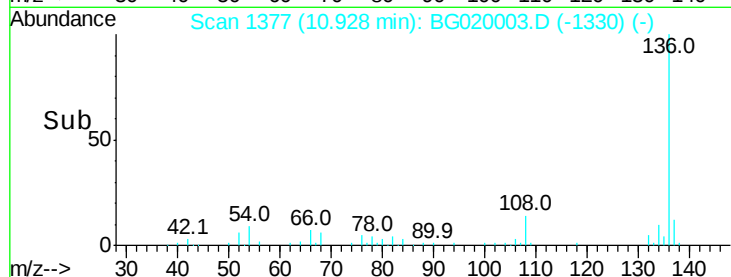
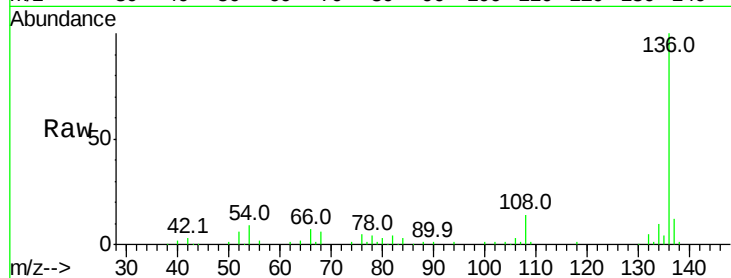




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020003.D
Acq: 8 Dec 2015 5:16

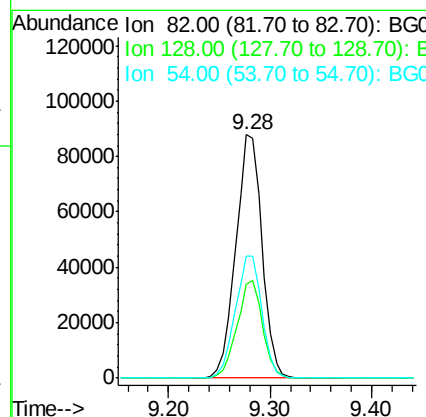
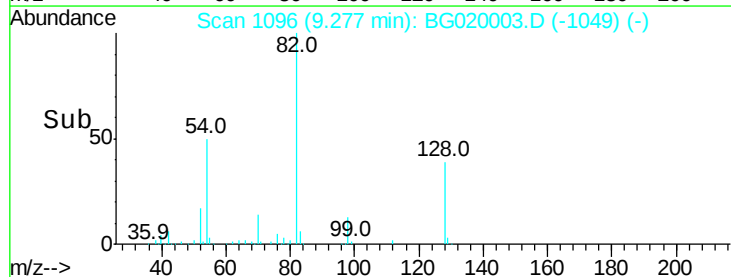
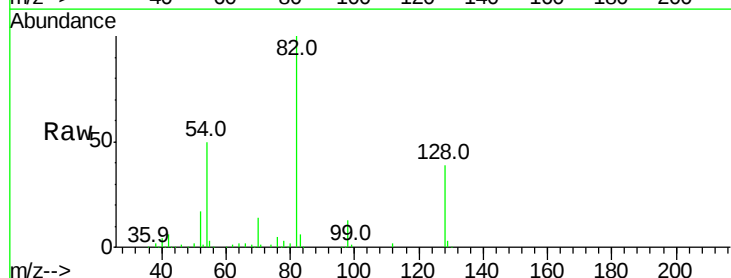
Instrument :
BNA_G
ClientSampleId :
MW-9

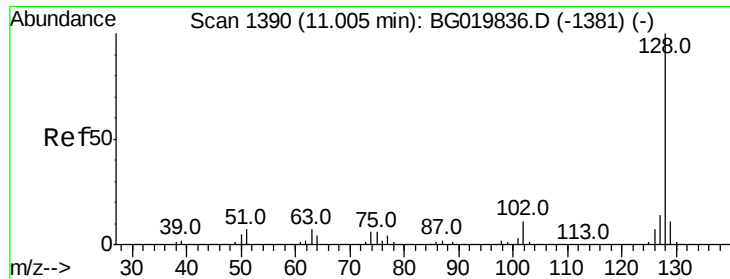
Tot Ion:136	Resp:	85009
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.6 12.8
54	8.7	5.4 8.2#
68	6.3	5.3 7.9



#23
Nitrobenzene-d5
Concen: 94.43 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020003.D
Acq: 8 Dec 2015 5:16

Tgt Ion: 82	Resp:	157284
Ion Ratio	Lower	Upper
82	100	
128	38.6	36.7 55.1
54	50.0	33.8 50.8

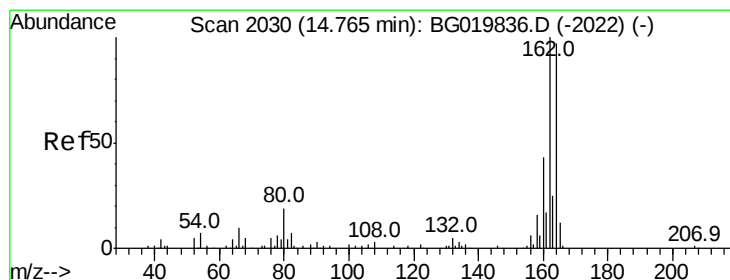
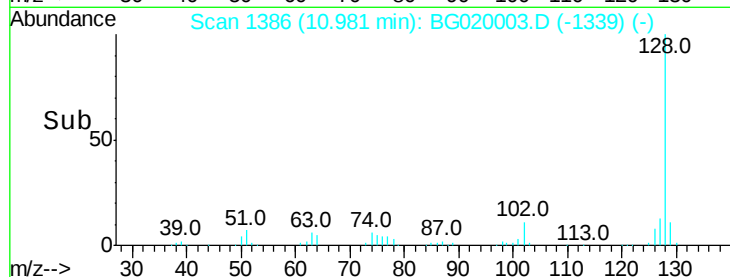
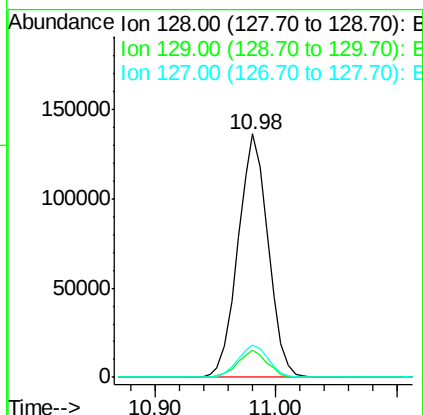
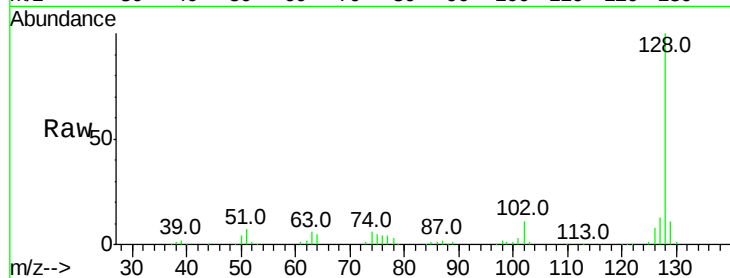




#31
Naphthalene
Concen: 51.97 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG020003.D
Acq: 8 Dec 2015 5:16

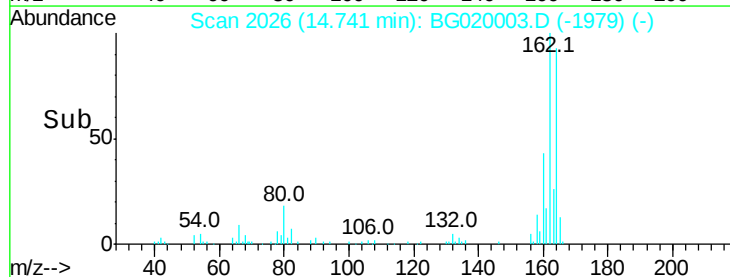
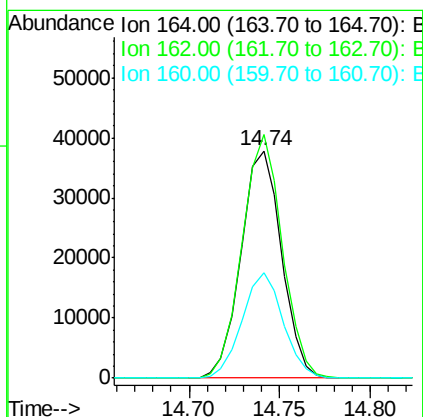
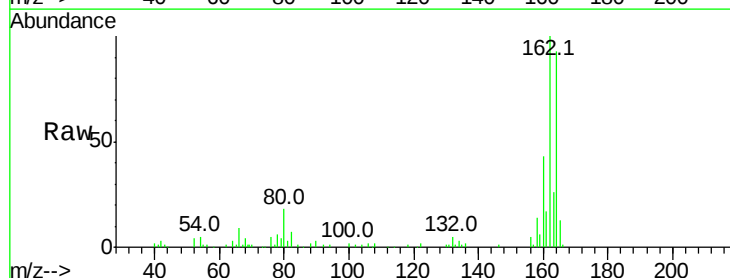
Instrument :
BNA_G
ClientSampleId :
MW-9

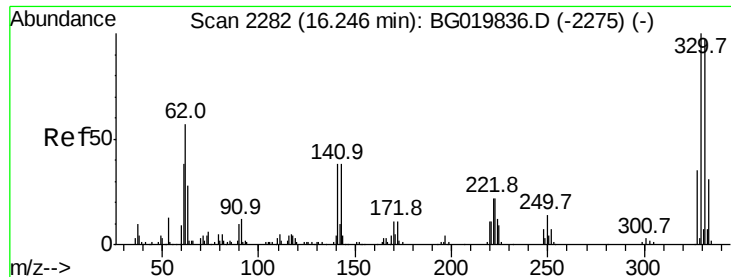
Tot Ion:128 Resp: 236655
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.2 10.6 16.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020003.D
Acq: 8 Dec 2015 5:16

Tgt Ion:164 Resp: 58747
Ion Ratio Lower Upper
164 100
162 107.2 78.8 118.2
160 46.2 36.4 54.6

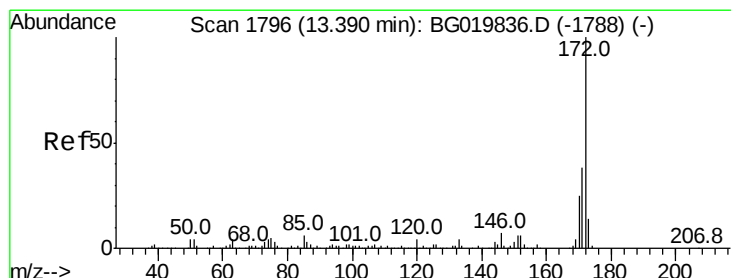
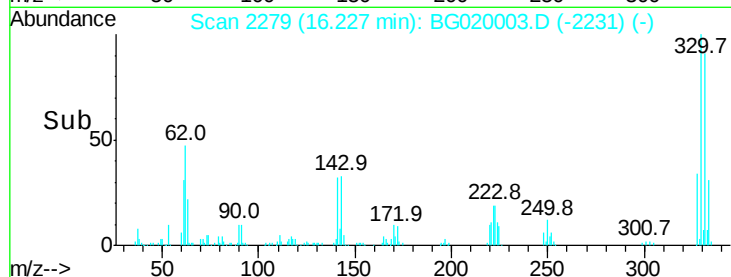
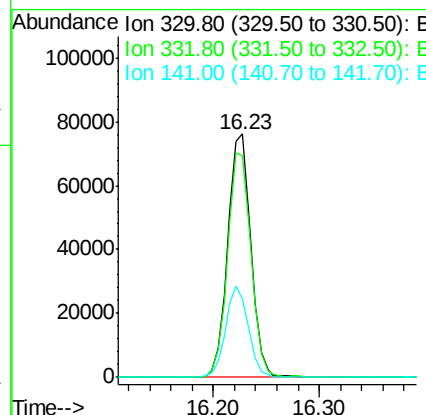
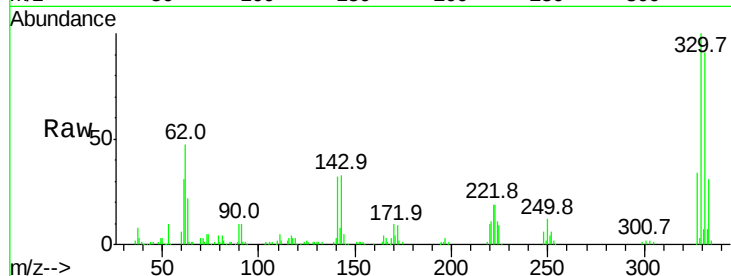




#41
 2,4,6-Tribromophenol
 Concen: 128.29 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG020003.D
 Acq: 8 Dec 2015 5:16

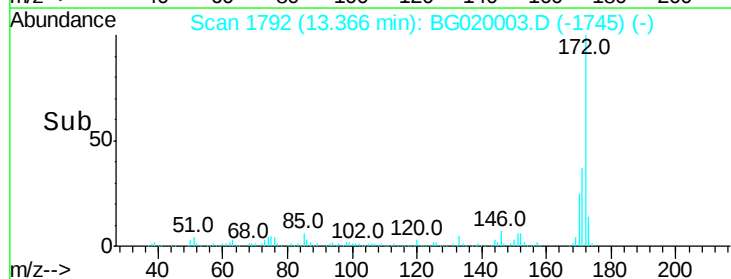
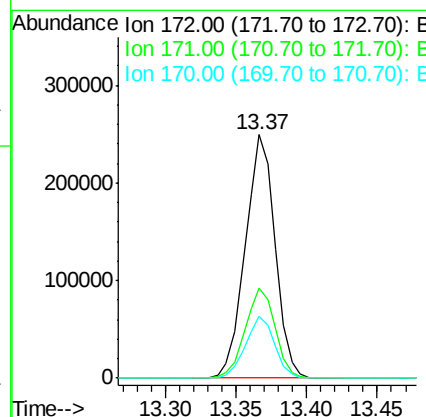
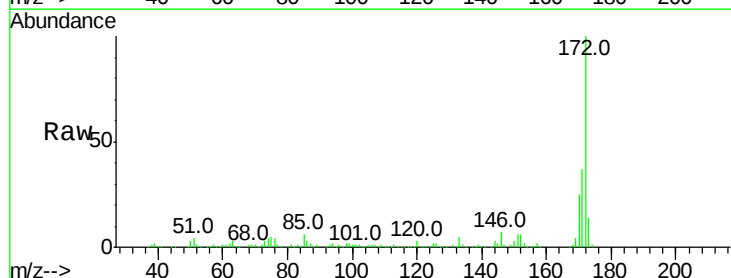
Instrument :
 BNA_G
 ClientSampled :
 MW-9

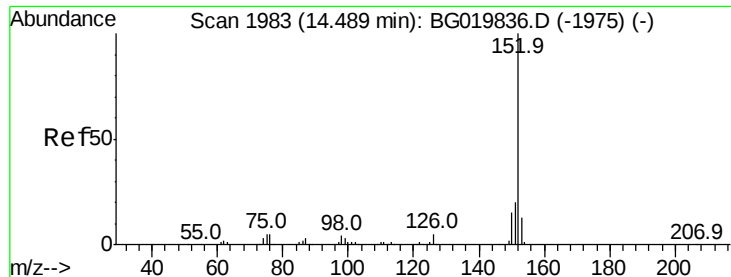
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	78.1	117.1
141	36.9	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 85.54 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020003.D
 Acq: 8 Dec 2015 5:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	25.2	19.9	29.9





#48

Acenaphthylene

Concen: 4.00 ng

RT: 14.46 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BG020003.D

Acq: 8 Dec 2015 5:16

Instrument :

BNA_G

ClientSampleId :

MW-9

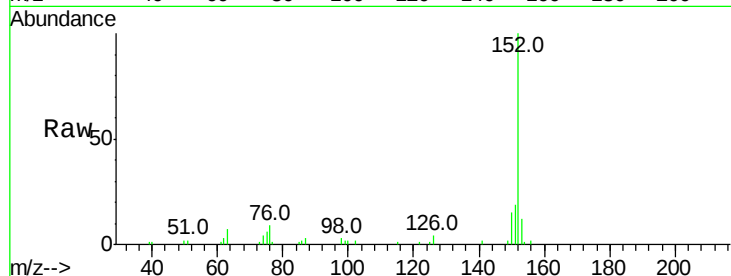
Tot Ion:152 Resp: 25310

Ion Ratio Lower Upper

152 100

151 19.1 17.0 25.4

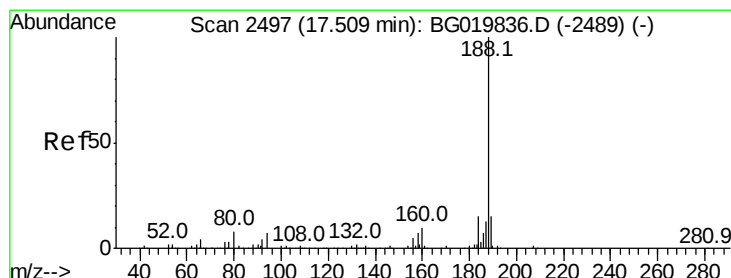
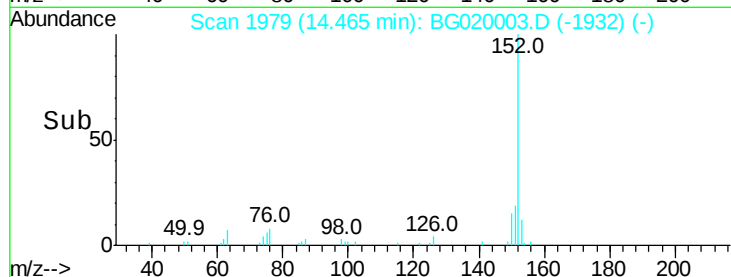
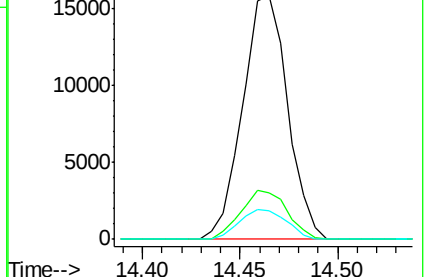
153 11.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020003.D

Acq: 8 Dec 2015 5:16

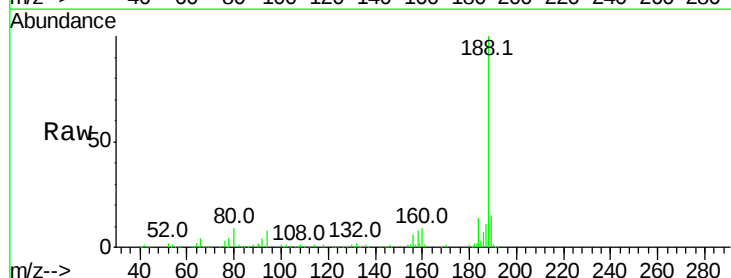
Tgt Ion:188 Resp: 141255

Ion Ratio Lower Upper

188 100

94 7.6 7.7 11.5#

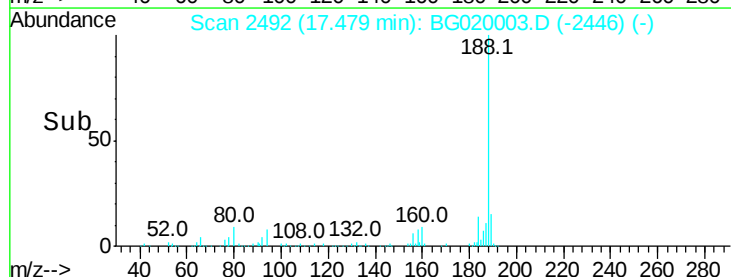
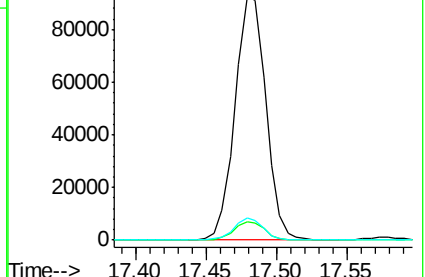
80 9.0 7.8 11.8

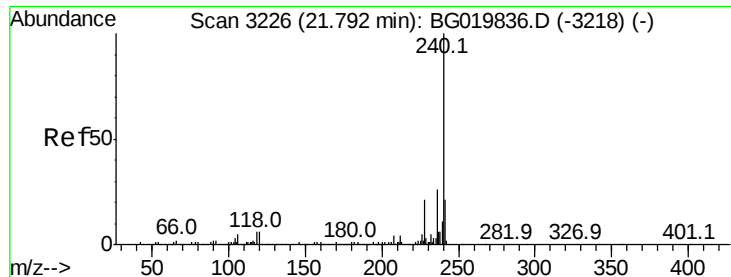


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG020003.D

Acq: 8 Dec 2015 5:16

Instrument :

BNA_G

ClientSampleId :

MW-9

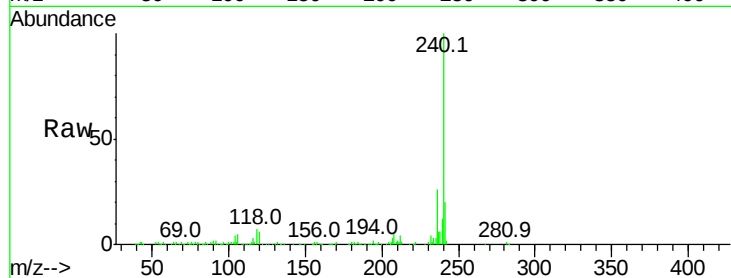
Tot Ion:240 Resp: 169811

Ion Ratio Lower Upper

240 100

120 6.3 7.4 11.0#

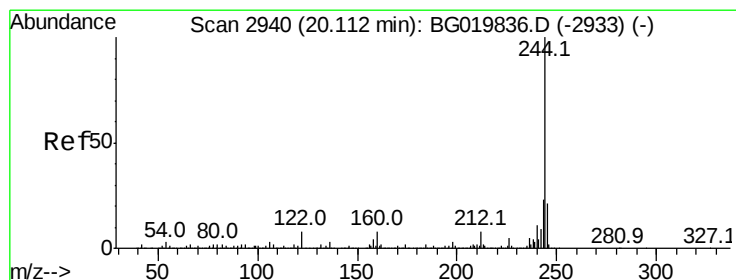
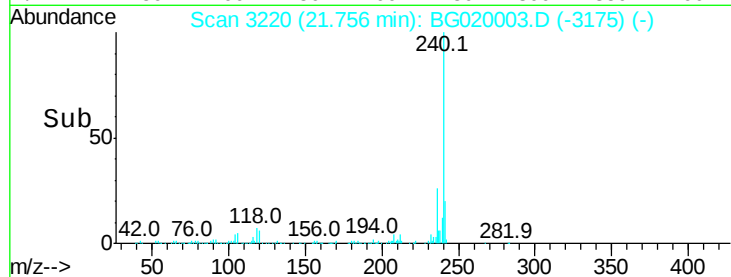
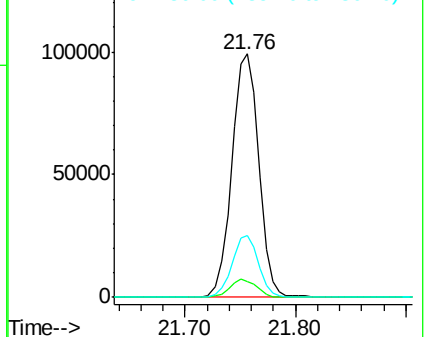
236 25.6 20.7 31.1



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: 88.77 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020003.D

Acq: 8 Dec 2015 5:16

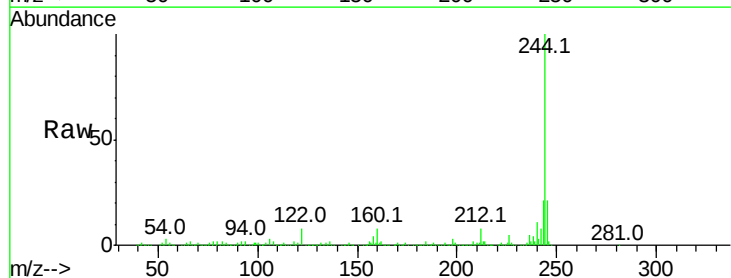
Tgt Ion:244 Resp: 618024

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

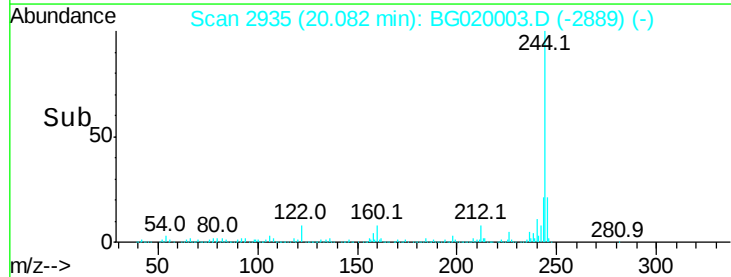
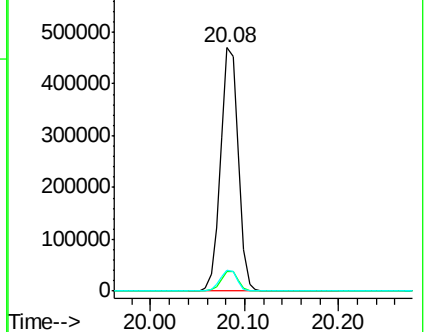
122 8.3 10.2 15.2#

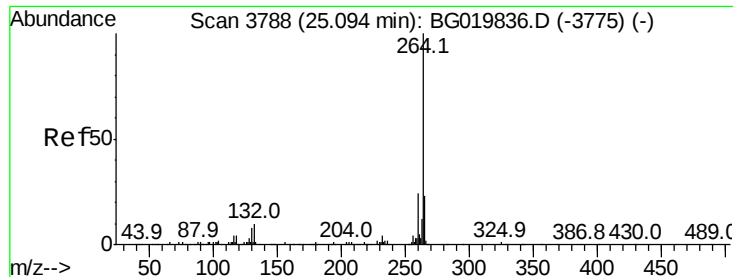


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

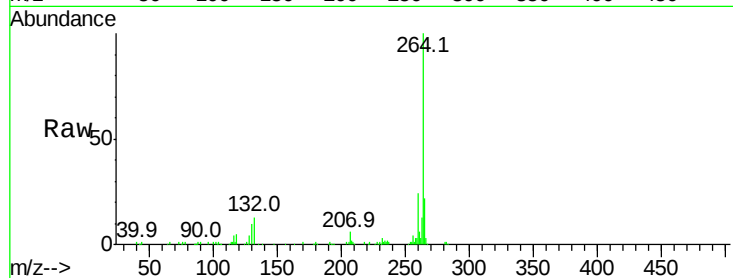




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3778
 Delta R.T. -0.06 min
 Lab File: BG020003.D
 Acq: 8 Dec 2015 5:16

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.5	27.7
265	21.5	17.2	25.8



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

