

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
 Data File : BG019916.D
 Acq On : 4 Dec 2015 22:22
 Operator : UM/NP
 Sample : G4630-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-37

Quant Time: Dec 05 00:31:11 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

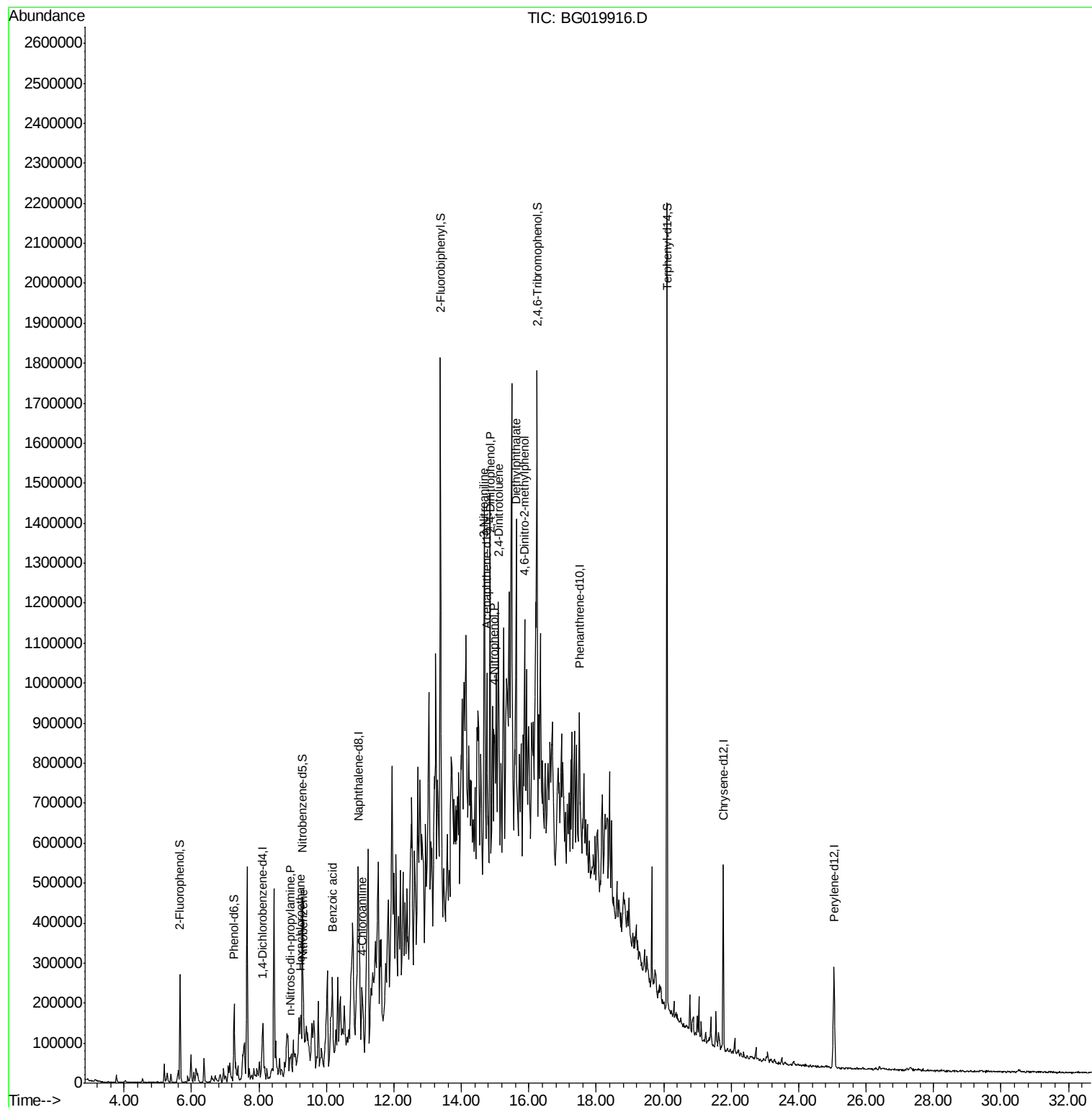
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	33240	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	140291	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	99367	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	220503	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	280609	20.00	ng	-0.03
86) Perylene-d12	25.05	264	267826	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	113403	61.66	ng	-0.01
7) Phenol-d6	7.26	99	106528	38.36	ng	-0.01
23) Nitrobenzene-d5	9.28	82	260990	94.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	193376	127.19	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	597549	82.11	ng	-0.01
78) Terphenyl-d14	20.09	244	850392	73.92	ng	-0.02
Target Compounds						
18) Hexachloroethane	9.23	117	18149	18.46	ng	# 8
19) n-Nitroso-di-n-propylamine	8.93	70	9636	4.40	ng	# 83
24) Nitrobenzene	9.32	77	7750	2.60	ng	# 20
32) Benzoic acid	10.18	122	336	6.18	ng	# 1
33) 4-Chloroaniline	11.08	127	19984	6.03	ng	# 73
52) 3-Nitroaniline	14.67	138	7518	4.31	ng	# 35
53) 2,4-Dinitrophenol	14.86	184	121	9.38	ng	# 1
55) 4-Nitrophenol	14.96	139	3144	2.07	ng	# 1
56) 2,4-Dinitrotoluene	15.09	165	13597	5.80	ng	# 18
59) Diethylphthalate	15.61	149	27028	2.79	ng	# 66
64) 4,6-Dinitro-2-methylphenol	15.88	198	316	6.33	ng	# 1

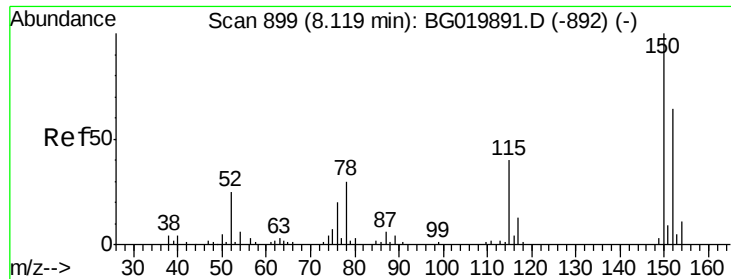
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
Data File : BG019916.D
Acq On : 4 Dec 2015 22:22
Operator : UM/NP
Sample : G4630-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-37

Quant Time: Dec 05 00:31:11 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



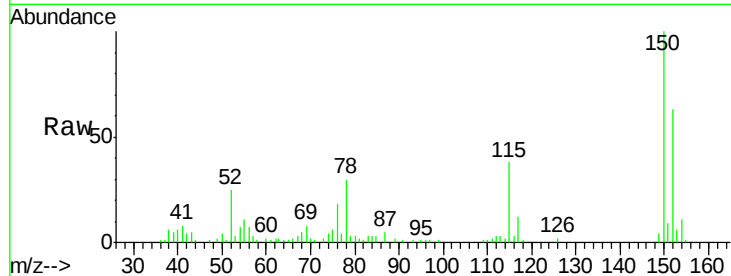


#1

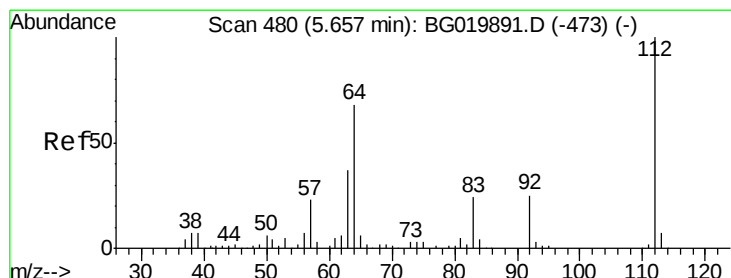
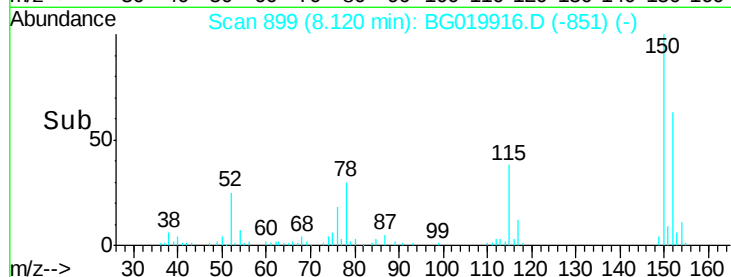
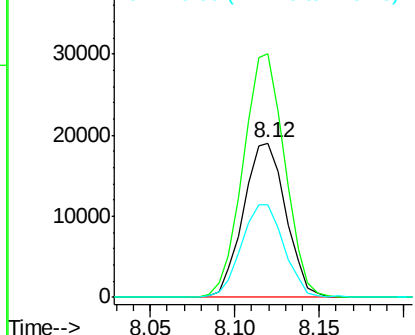
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG019916.D
Acq: 4 Dec 2015 22:22

Instrument :
BNA_G
ClientSampleId :
MW-37

Tgt Ion:152 Resp: 33240
Ion Ratio Lower Upper
152 100
150 157.8 115.0 172.4
115 60.1 43.9 65.9



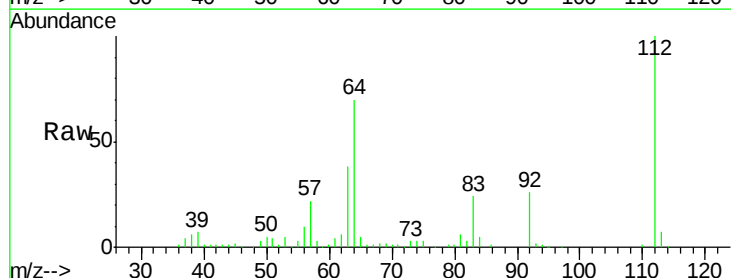
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



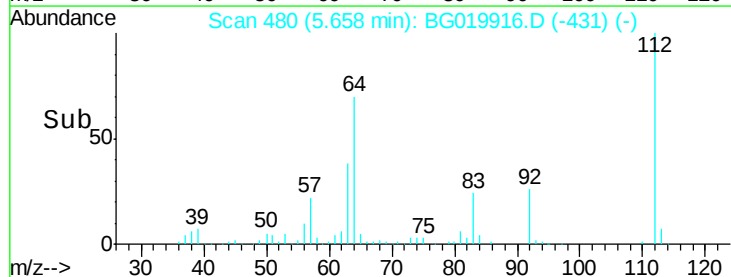
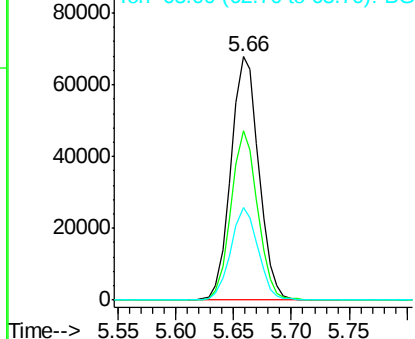
#5

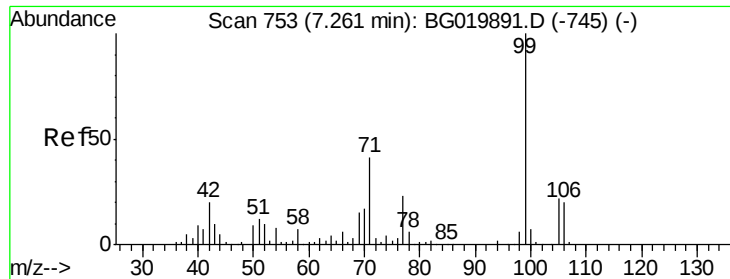
2-Fluorophenol
Concen: 61.66 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019916.D
Acq: 4 Dec 2015 22:22

Tgt Ion:112 Resp: 113403
Ion Ratio Lower Upper
112 100
64 69.5 43.7 65.5#
63 38.0 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: 38.36 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MW-37

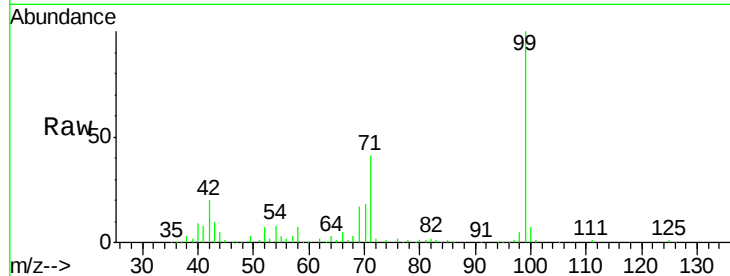
Tgt Ion: 99 Resp: 106528

Ion Ratio Lower Upper

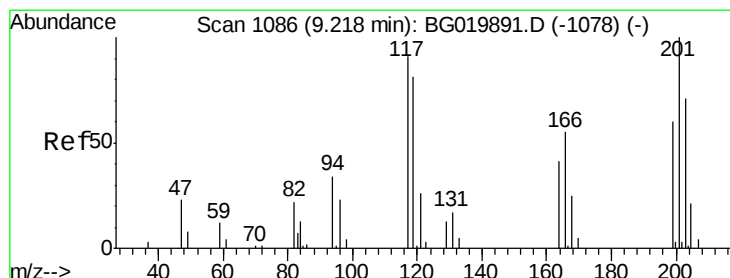
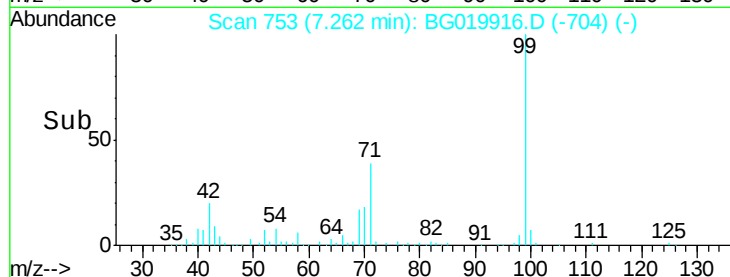
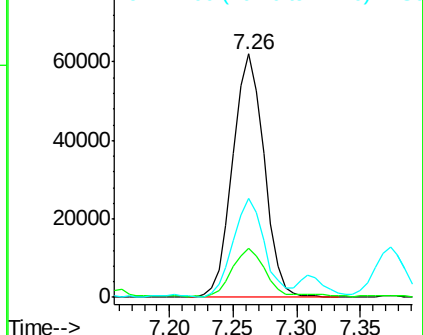
99 100

42 20.1 11.5 17.3#

71 40.7 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



#18

Hexachloroethane

Concen: 18.46 ng

RT: 9.23 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

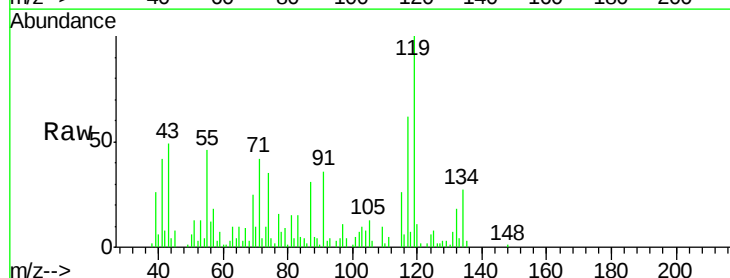
Tgt Ion: 117 Resp: 18149

Ion Ratio Lower Upper

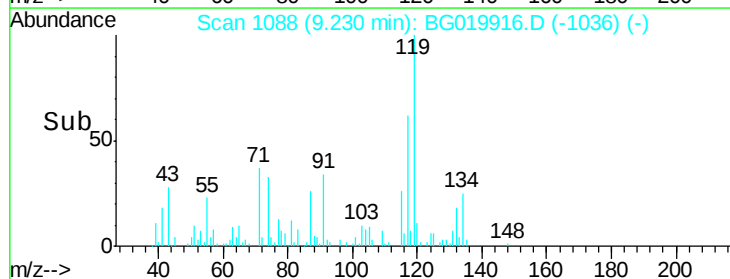
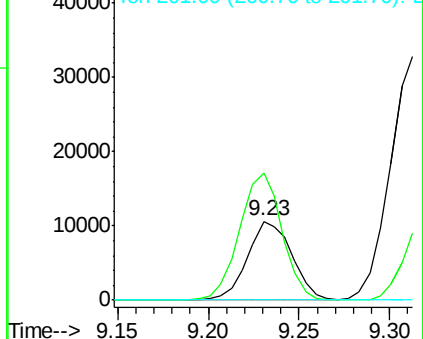
117 100

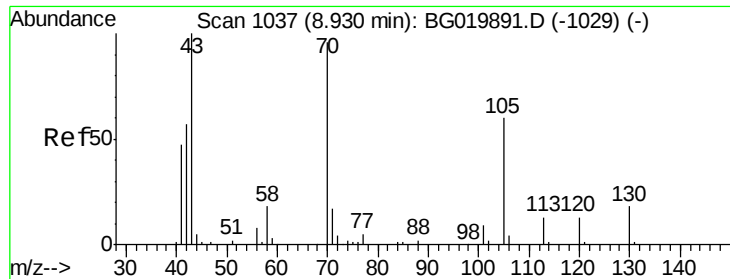
119 160.6 71.7 107.5#

201 0.0 90.9 136.3#



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

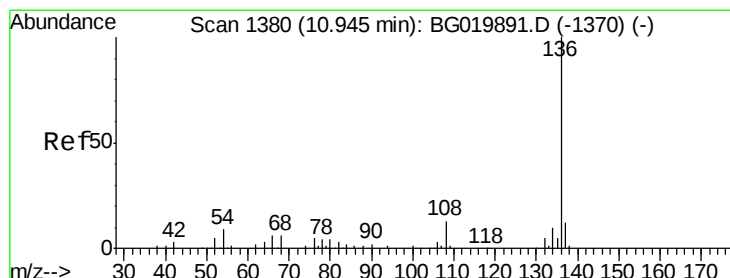
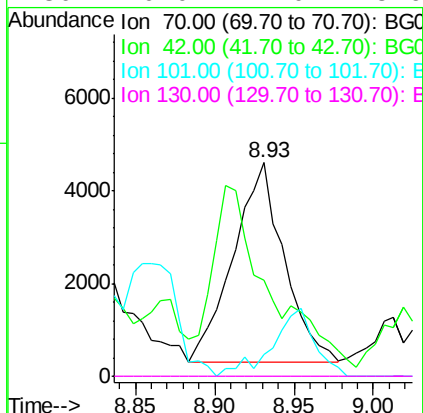
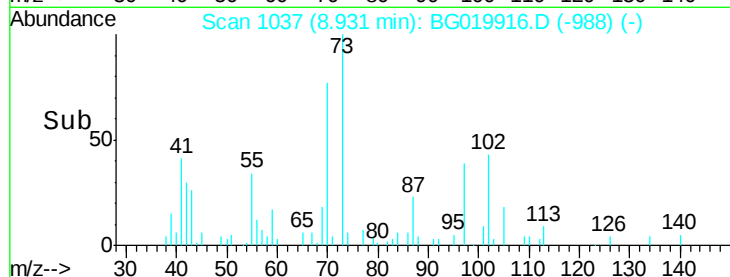
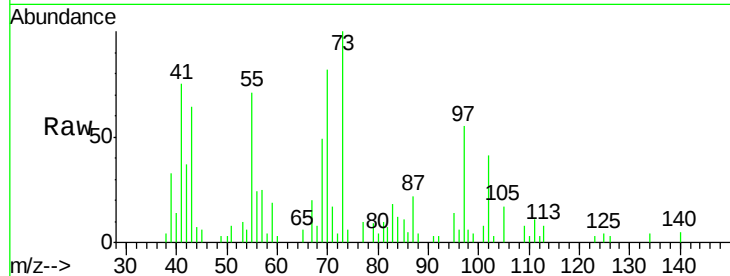




#19
n-Nitroso-di-n-propylamine
Concen: 4.40 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG019916.D
Acq: 4 Dec 2015 22:22

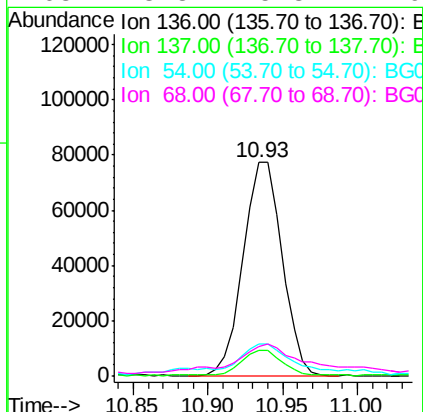
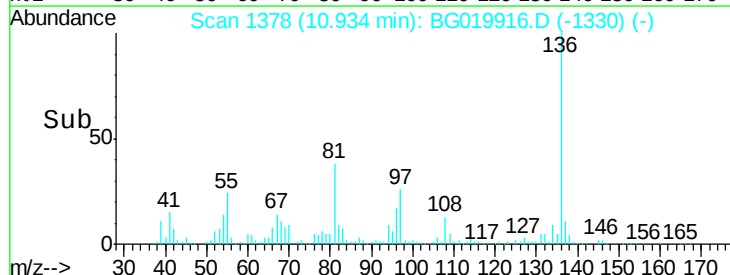
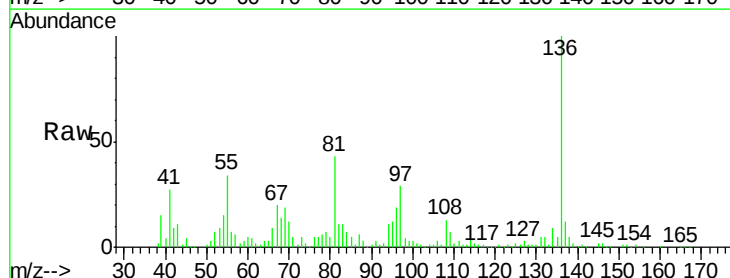
Instrument :
BNA_G
ClientSampleId :
MW-37

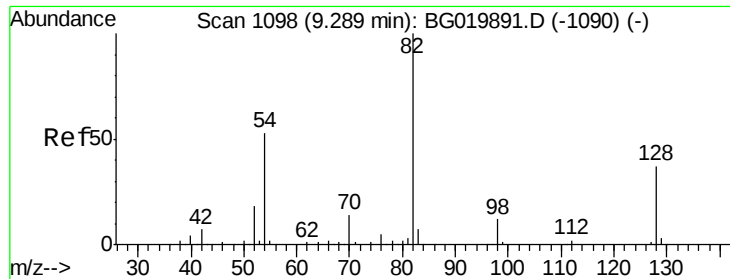
Tgt Ion: 70 Resp: 9636
Ion Ratio Lower Upper
70 100
42 44.7 40.6 60.8
101 10.1 8.6 13.0
130 0.0 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019916.D
Acq: 4 Dec 2015 22:22

Tgt Ion: 136 Resp: 140291
Ion Ratio Lower Upper
136 100
137 11.8 8.6 12.8
54 15.3 5.4 8.2#
68 13.8 5.3 7.9#

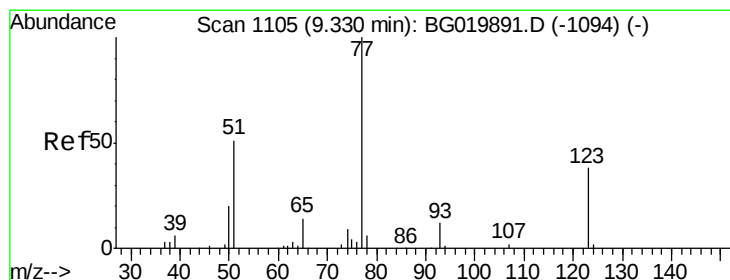
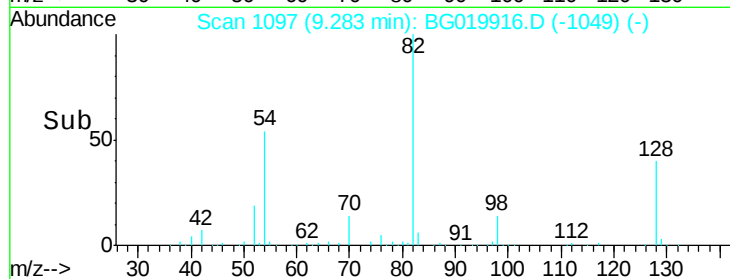
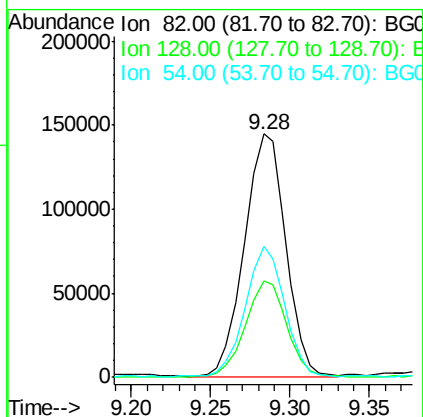
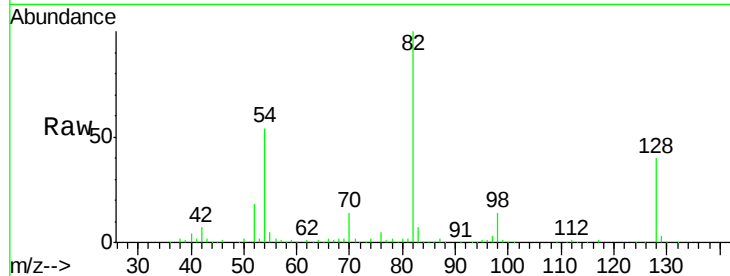




#23
 Nitrobenzene-d5
 Concen: 94.94 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019916.D
 Acq: 4 Dec 2015 22:22

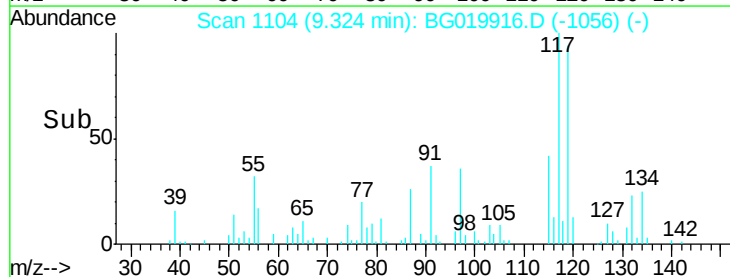
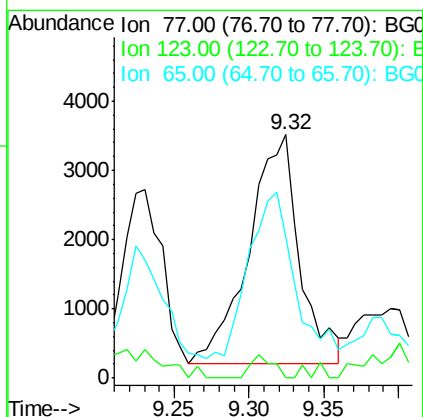
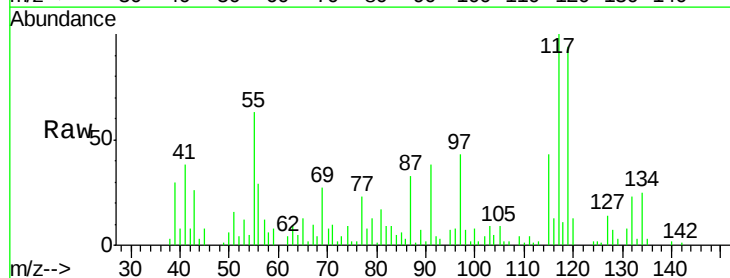
Instrument :
 BNA_G
 ClientSampleId :
 MW-37

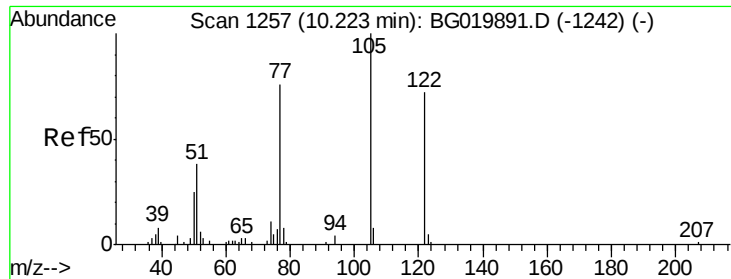
Tgt Ion: 82 Resp: 260990
 Ion Ratio Lower Upper
 82 100
 128 39.6 36.7 55.1
 54 53.6 33.8 50.8#



#24
 Nitrobenzene
 Concen: 2.60 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG019916.D
 Acq: 4 Dec 2015 22:22

Tgt Ion: 77 Resp: 7750
 Ion Ratio Lower Upper
 77 100
 123 0.0 38.2 57.2#
 65 57.9 10.6 16.0#





#32

Benzoic acid

Concen: 6.18 ng

RT: 10.18 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MW-37

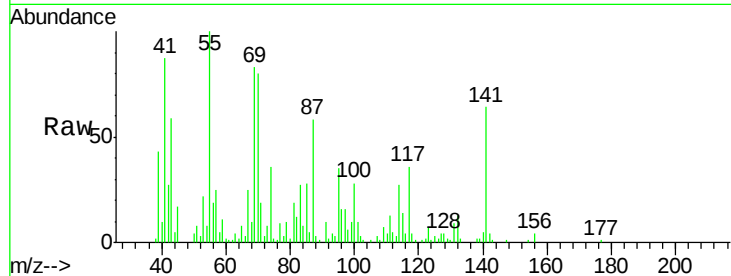
Tgt Ion:122 Resp: 336

Ion Ratio Lower Upper

122 100

105 43.9 103.8 143.8#

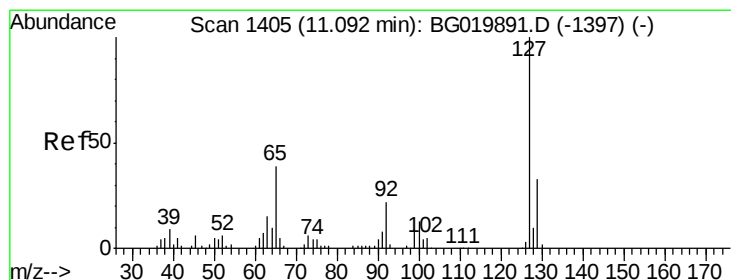
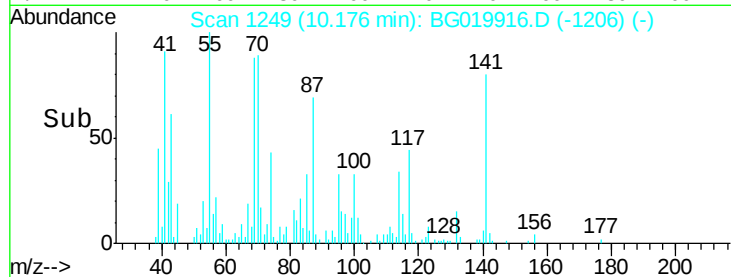
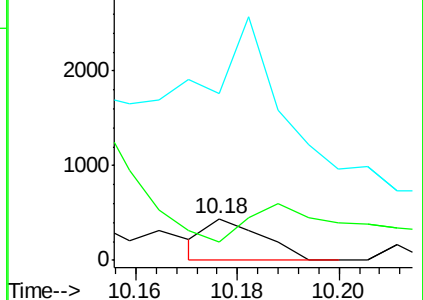
77 400.0 68.8 108.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 6.03 ng

RT: 11.08 min Scan# 1402

Delta R.T. -0.03 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

Tgt Ion:127 Resp: 19984

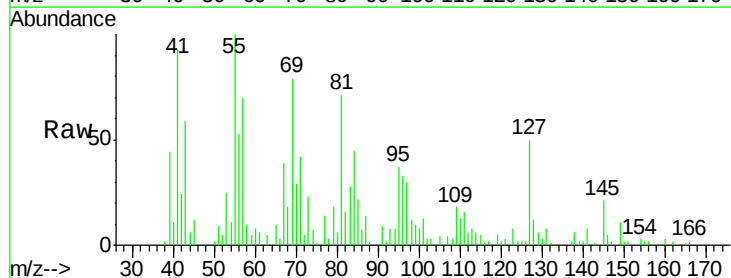
Ion Ratio Lower Upper

127 100

129 12.7 24.6 37.0#

65 19.7 22.6 33.8#

92 3.5 15.1 22.7#

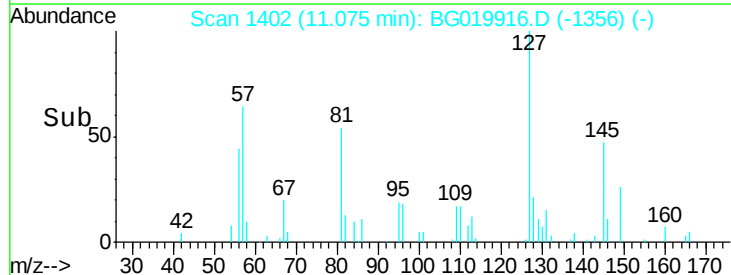
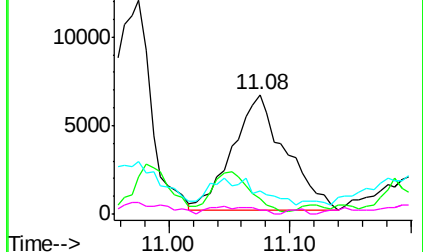


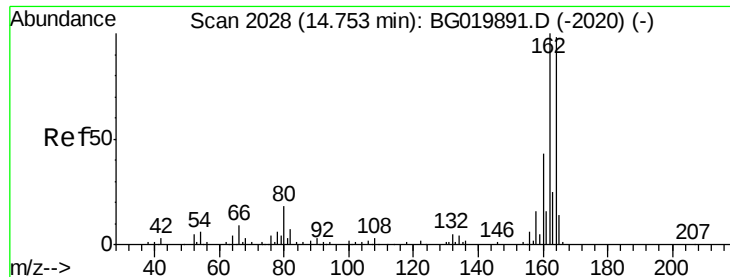
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MW-37

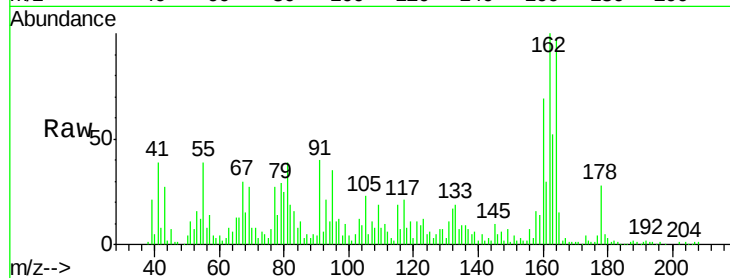
Tgt Ion:164 Resp: 99367

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

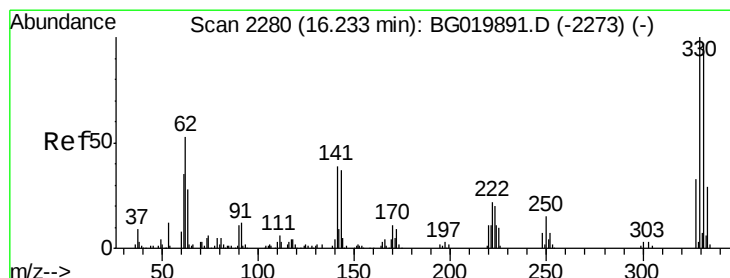
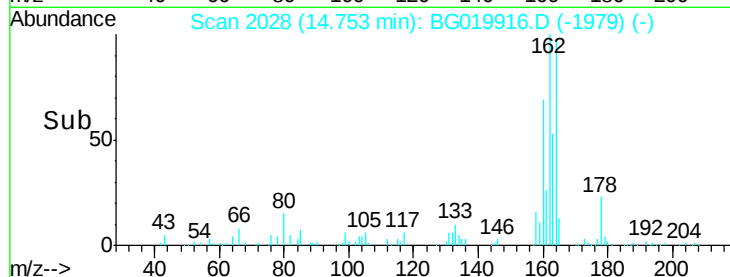
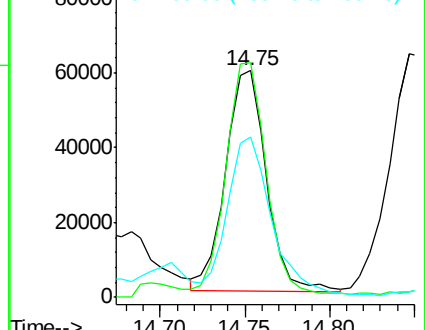
160 70.8 36.4 54.6#



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: 127.19 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

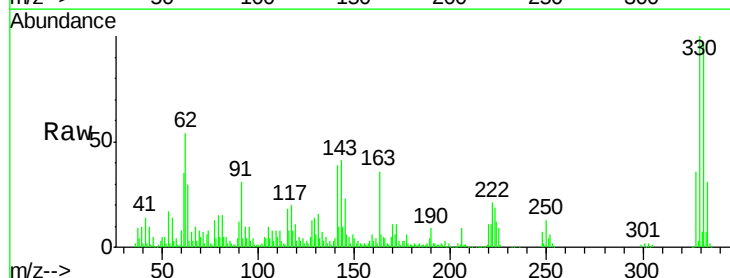
Tgt Ion:330 Resp: 193376

Ion Ratio Lower Upper

330 100

332 97.1 78.1 117.1

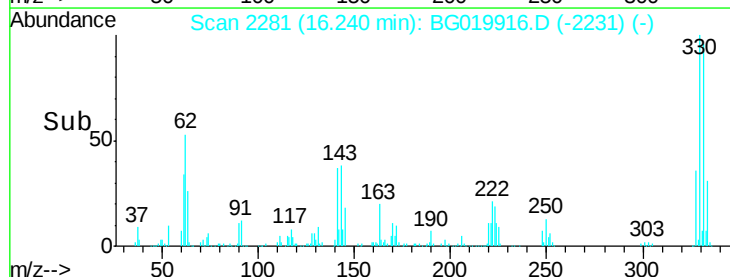
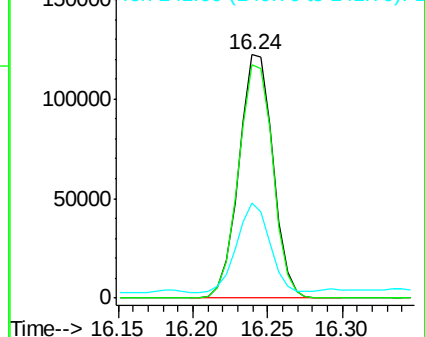
141 35.7 28.2 42.2

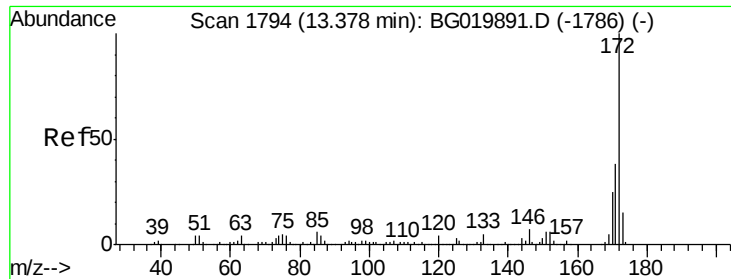


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

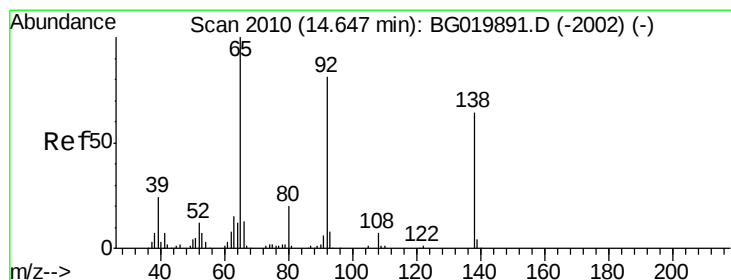
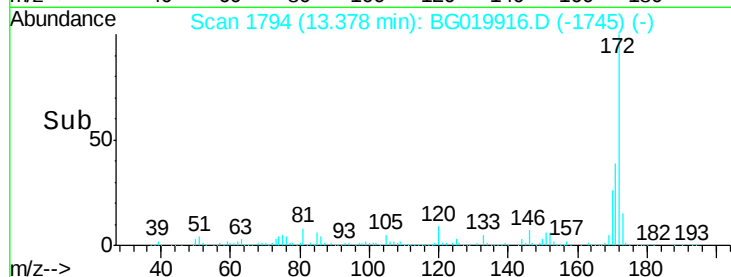
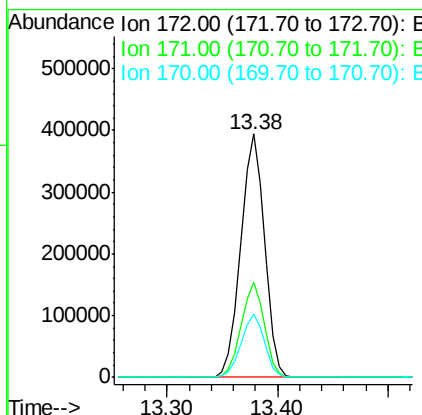
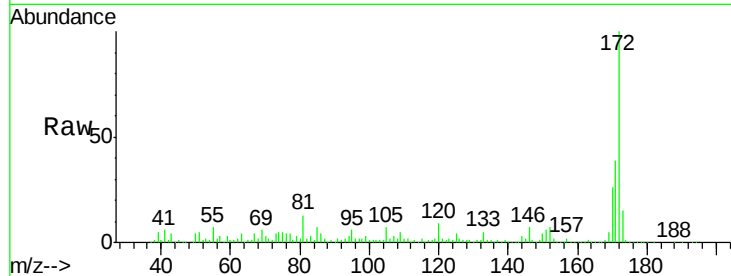




#44
 2-Fluorobiphenyl
 Concen: 82.11 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019916.D
 Acq: 4 Dec 2015 22:22

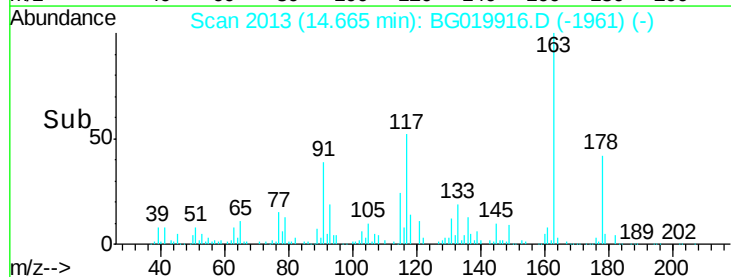
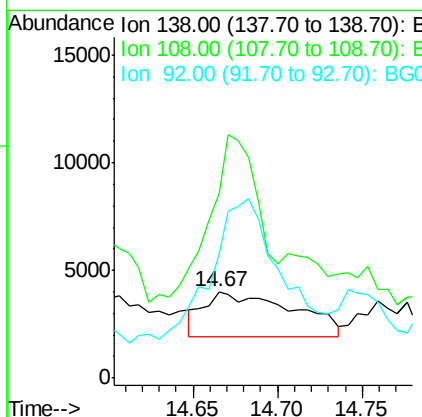
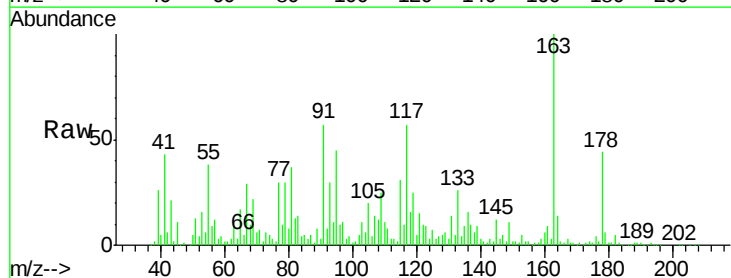
Instrument :
 BNA_G
 ClientSampleId :
 MW-37

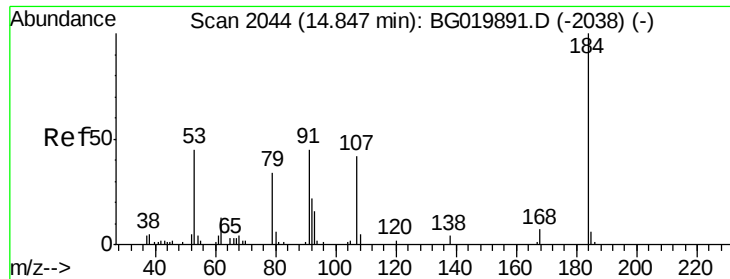
Tgt Ion:172 Resp: 597549
 Ion Ratio Lower Upper
 172 100
 171 39.1 29.0 43.6
 170 25.8 19.9 29.9



#52
 3-Nitroaniline
 Concen: 4.31 ng
 RT: 14.67 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BG019916.D
 Acq: 4 Dec 2015 22:22

Tgt Ion:138 Resp: 7518
 Ion Ratio Lower Upper
 138 100
 108 213.9 7.9 11.9#
 92 144.3 94.2 141.4#

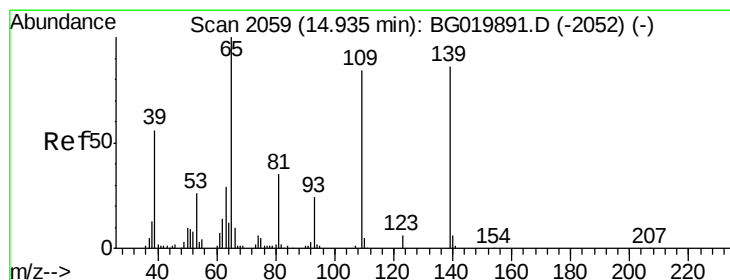
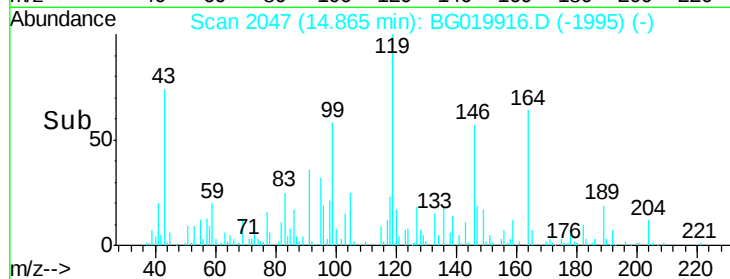
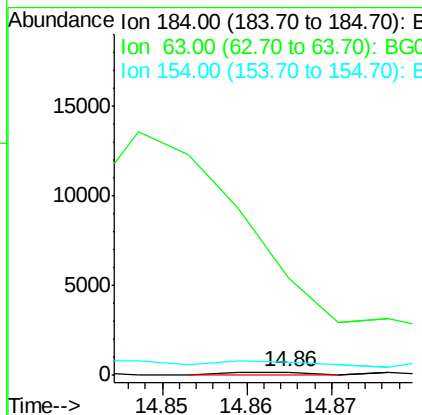
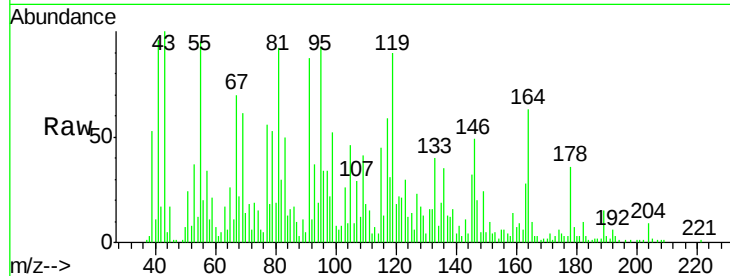




#53
2,4-Dinitrophenol
Concen: 9.38 ng
RT: 14.86 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BG019916.D
Acq: 4 Dec 2015 22:22

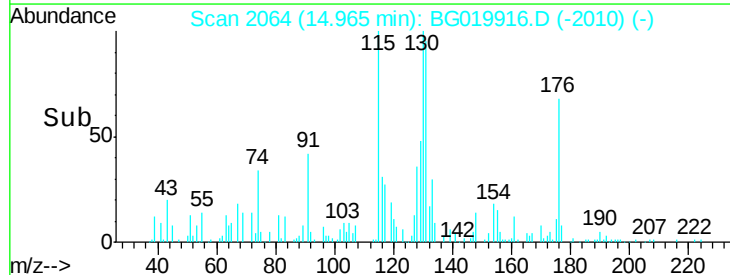
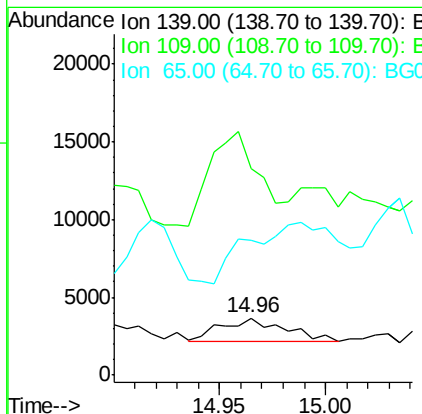
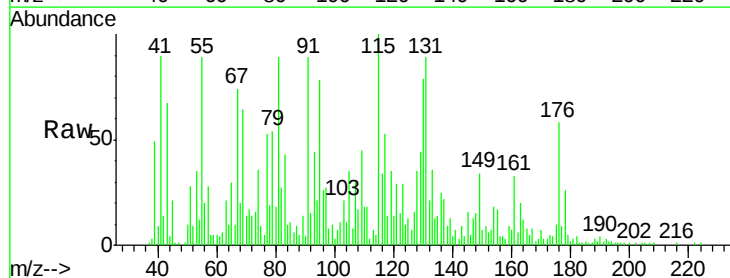
Instrument :
BNA_G
ClientSampleId :
MW-37

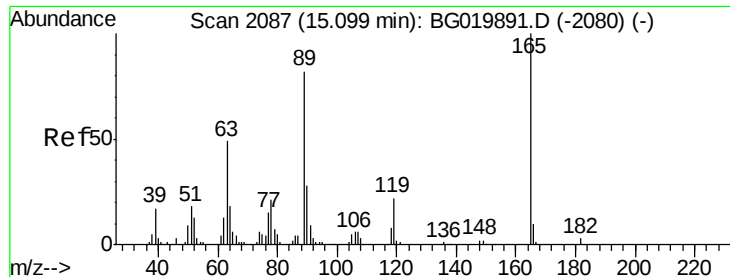
Tgt Ion:184 Resp: 121
Ion Ratio Lower Upper
184 100
63 3122.4 42.7 64.1#
154 442.5 44.3 66.5#



#55
4-Nitrophenol
Concen: 2.07 ng
RT: 14.96 min Scan# 2064
Delta R.T. 0.02 min
Lab File: BG019916.D
Acq: 4 Dec 2015 22:22

Tgt Ion:139 Resp: 3144
Ion Ratio Lower Upper
139 100
109 359.2 43.2 83.2#
65 235.0 67.8 107.8#





#56

2,4-Dinitrotoluene

Concen: 5.80 ng

RT: 15.09 min Scan# 2086

Delta R.T. -0.02 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

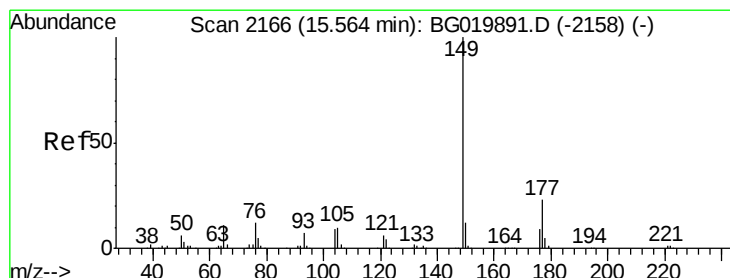
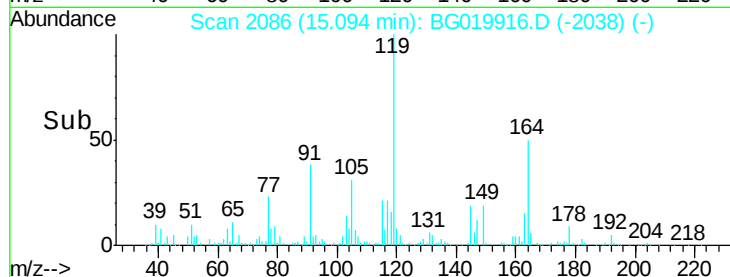
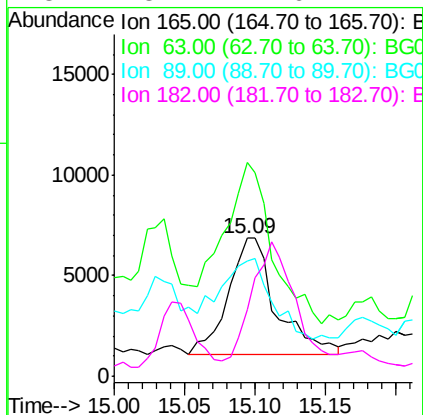
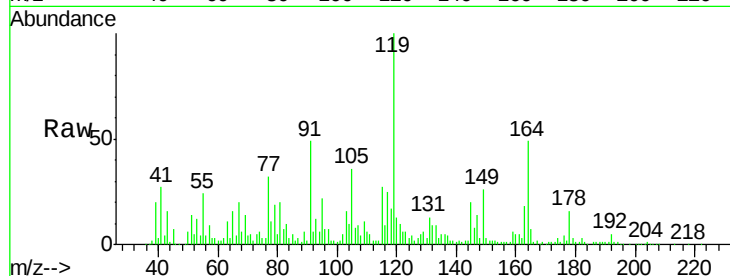
Instrument :

BNA_G

ClientSampleId :

MW-37

Tgt Ion:	165	Resp:	13597
Ion	Ratio	Lower	Upper
165	100		
63	154.9	31.0	46.4#
89	83.6	54.4	81.6#
182	48.2	1.6	2.4#



#59

Diethylphthalate

Concen: 2.79 ng

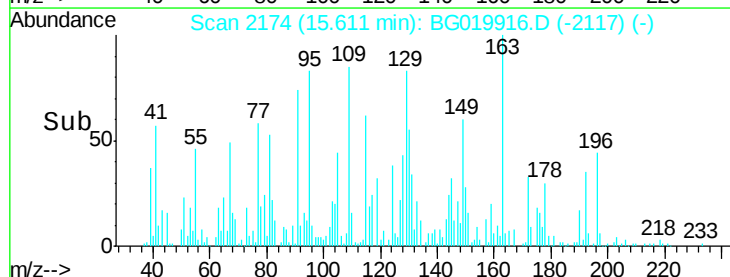
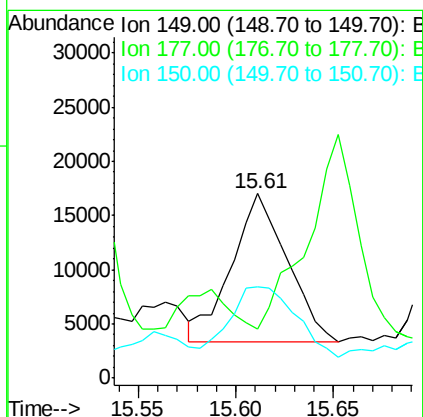
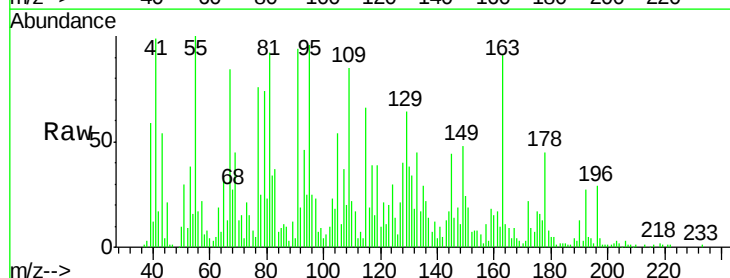
RT: 15.61 min Scan# 2174

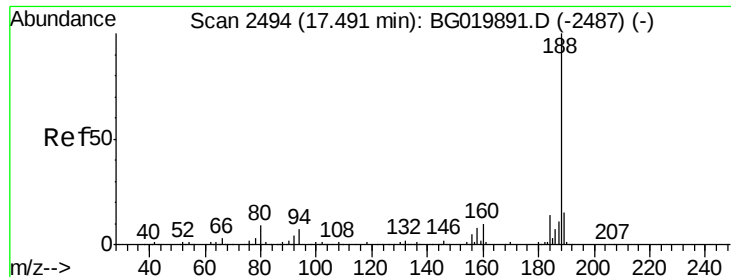
Delta R.T. 0.04 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

Tgt Ion:	149	Resp:	27028
Ion	Ratio	Lower	Upper
149	100		
177	26.4	19.6	29.4
150	49.7	10.2	15.2#

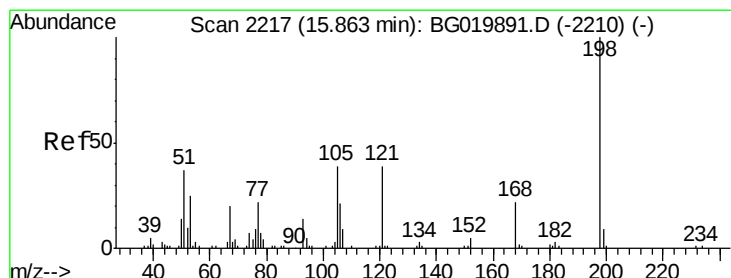
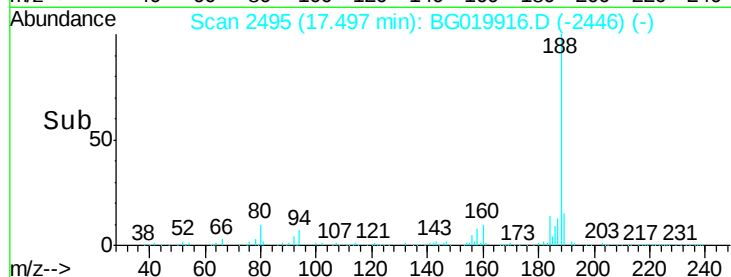
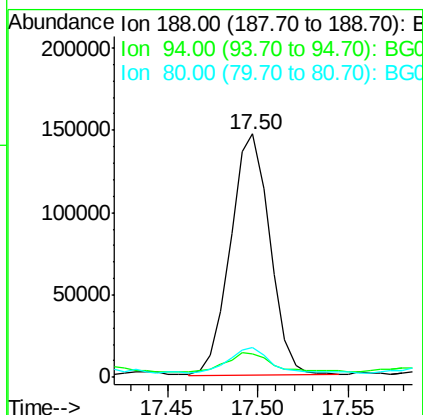
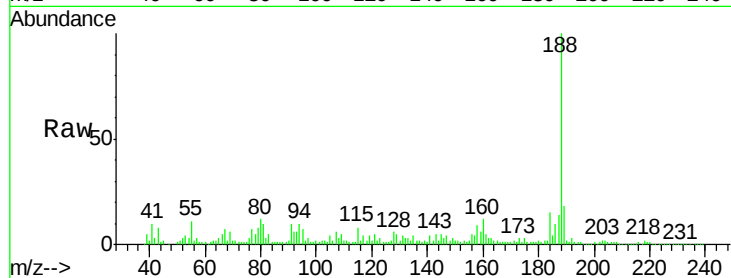




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019916.D
Acq: 4 Dec 2015 22:22

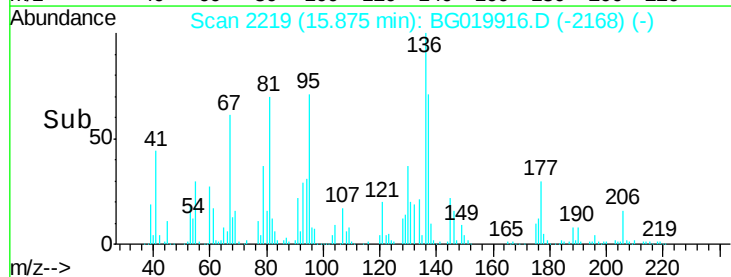
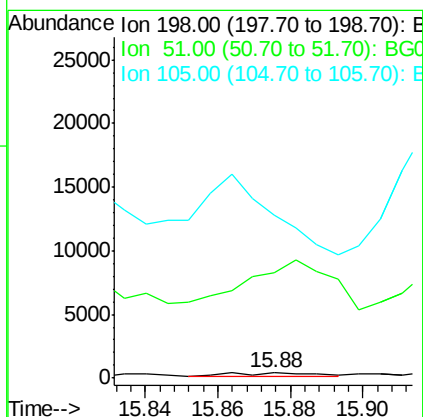
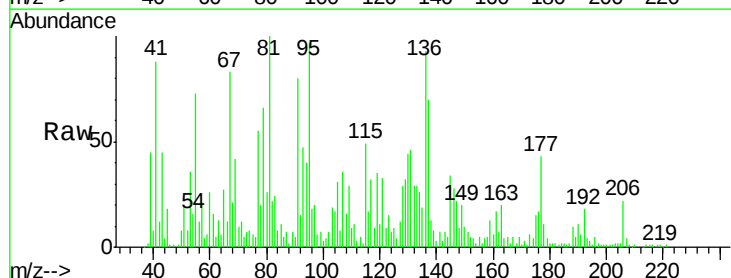
Instrument :
BNA_G
ClientSampleId :
MW-37

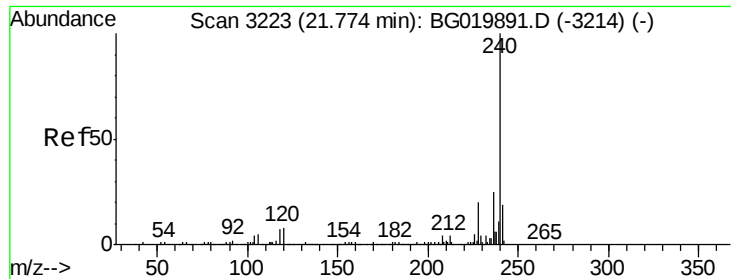
Tgt Ion:188 Resp: 220503
Ion Ratio Lower Upper
188 100
94 9.8 7.7 11.5
80 12.2 7.8 11.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 6.33 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG019916.D
Acq: 4 Dec 2015 22:22

Tgt Ion:198 Resp: 316
Ion Ratio Lower Upper
198 100
51 2060.5 14.2 54.2#
105 3212.5 21.1 61.1#

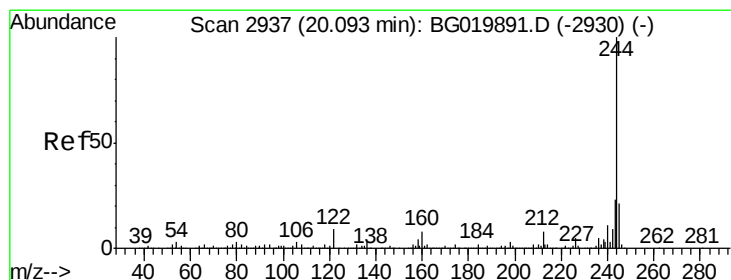
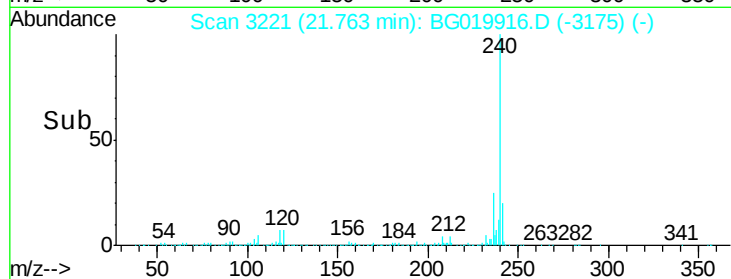
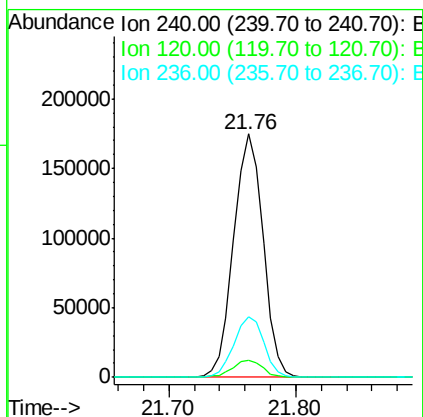
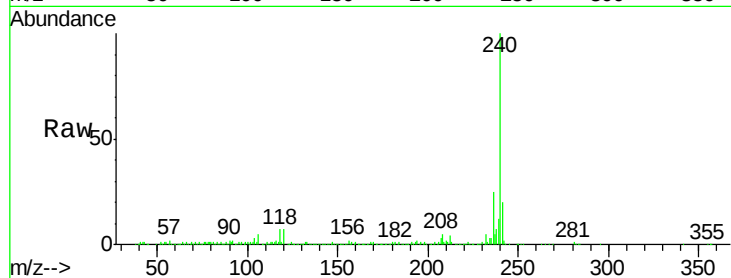




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019916.D
Acq: 4 Dec 2015 22:22

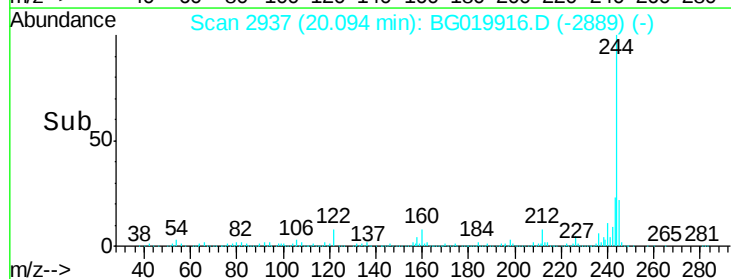
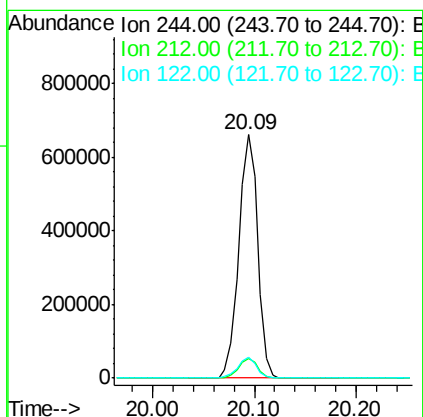
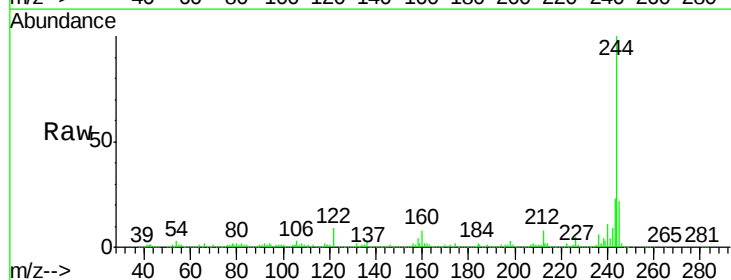
Instrument :
BNA_G
ClientSampleId :
MW-37

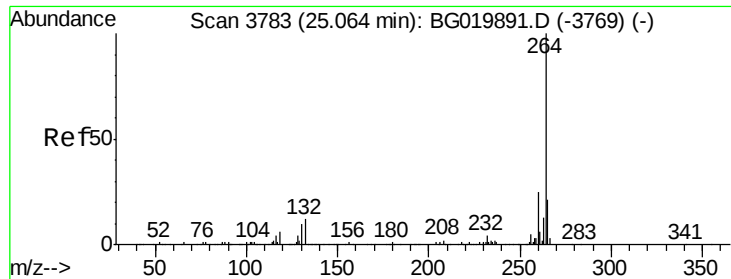
Tgt Ion:240 Resp: 280609
Ion Ratio Lower Upper
240 100
120 7.1 7.4 11.0#
236 24.7 20.7 31.1



#78
Terphenyl-d14
Concen: 73.92 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.02 min
Lab File: BG019916.D
Acq: 4 Dec 2015 22:22

Tgt Ion:244 Resp: 850392
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 8.6 10.2 15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.05 min
Lab File: BG019916.D
Acq: 4 Dec 2015 22:22

Instrument :
BNA_G
ClientSampleId :
MW-37

Tgt Ion: 264 Resp: 267826
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.8 17.2 25.8

