

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
 Data File : BG019918.D
 Acq On : 4 Dec 2015 23:39
 Operator : UM/NP
 Sample : G4630-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-36

Quant Time: Dec 05 00:32:07 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

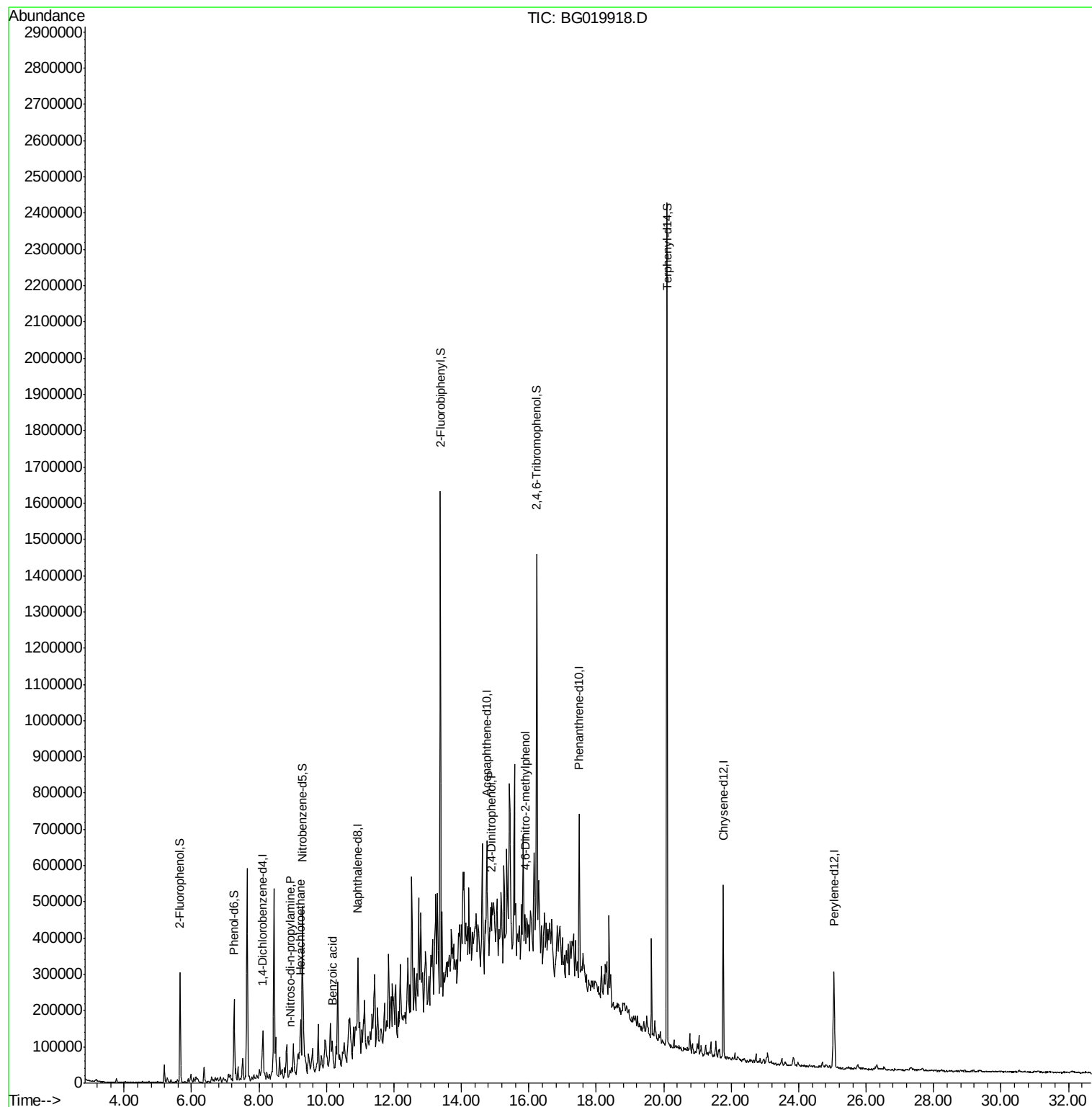
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	32601	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	142544	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	122935	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	237892	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	292959	20.00	ng	-0.03
86) Perylene-d12	25.05	264	273430	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	128081	71.01	ng	-0.01
7) Phenol-d6	7.26	99	118764	43.61	ng	-0.01
23) Nitrobenzene-d5	9.29	82	281758	100.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	219524	116.71	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	664185	73.77	ng	-0.01
78) Terphenyl-d14	20.09	244	997988	83.09	ng	-0.02
Target Compounds						
18) Hexachloroethane	9.24	117	19129	19.84	ng	# 1
19) n-Nitroso-di-n-propylamine	8.93	70	5435	2.53	ng	# 67
32) Benzoic acid	10.19	122	276	6.15	ng	# 27
53) 2,4-Dinitrophenol	14.88	184	69	9.32	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.89	198	299	6.30	ng	# 1

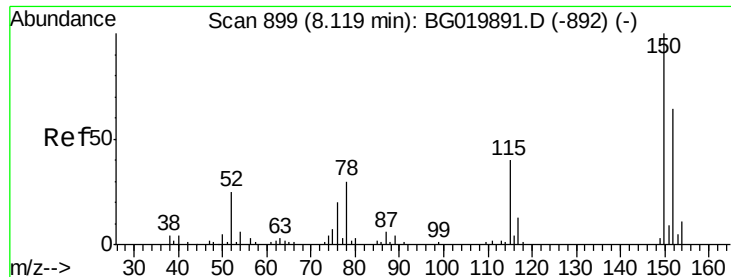
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
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Quant Time: Dec 05 00:32:07 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: BG019918.D

Acq: 4 Dec 2015 23:39

Instrument :

BNA_G

ClientSampleId :

MW-36

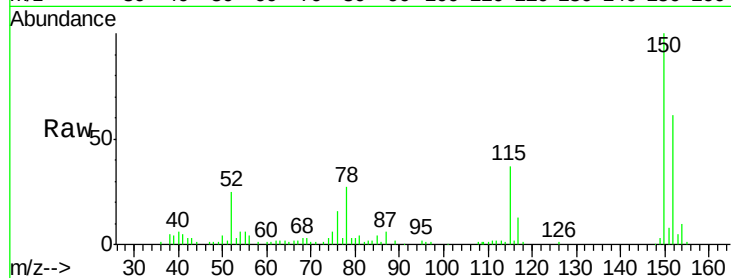
Tgt Ion:152 Resp: 32601

Ion Ratio Lower Upper

152 100

150 163.5 115.0 172.4

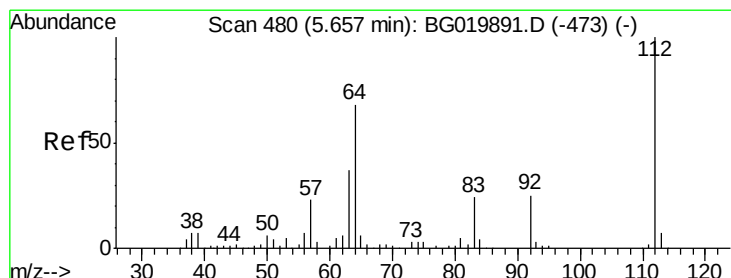
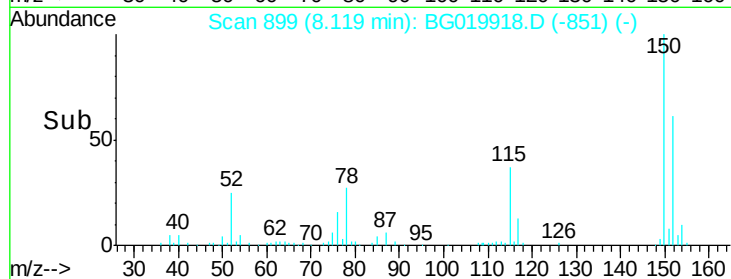
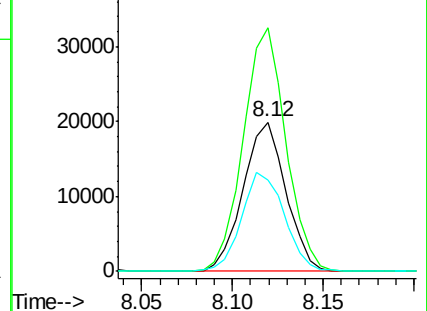
115 61.1 43.9 65.9



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: 71.01 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019918.D

Acq: 4 Dec 2015 23:39

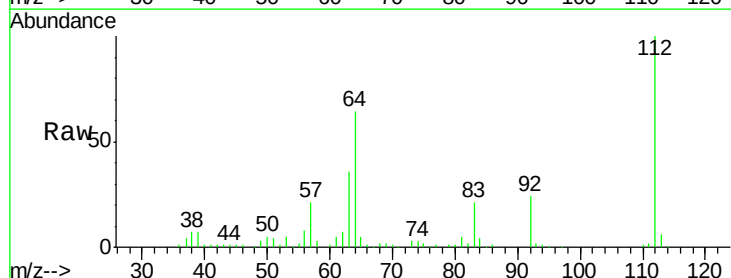
Tgt Ion:112 Resp: 128081

Ion Ratio Lower Upper

112 100

64 64.4 43.7 65.5

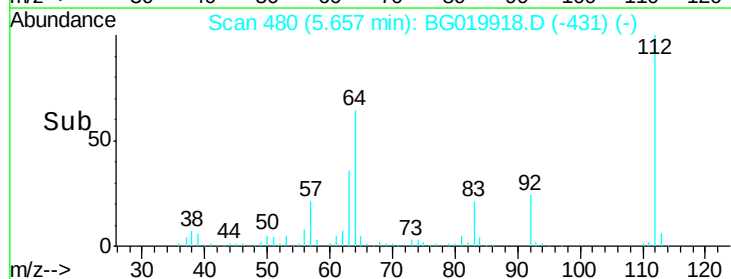
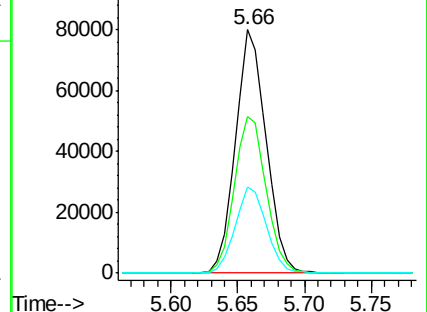
63 35.5 24.0 36.0

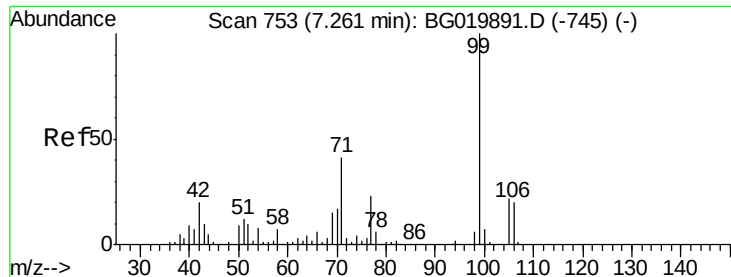


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.61 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019918.D

Acq: 4 Dec 2015 23:39

Instrument :

BNA_G

ClientSampleId :

MW-36

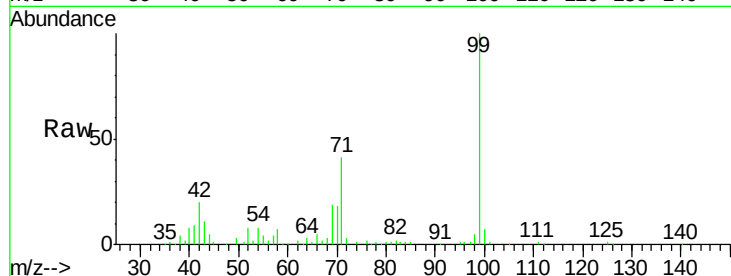
Tgt Ion: 99 Resp: 118764

Ion Ratio Lower Upper

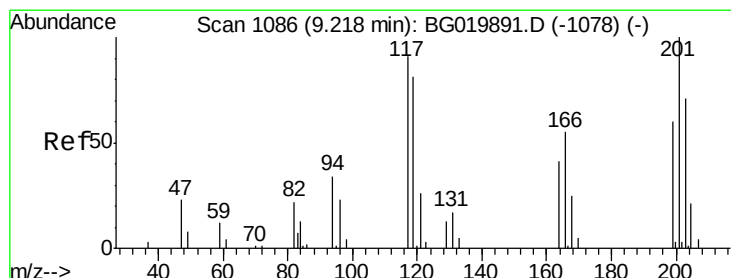
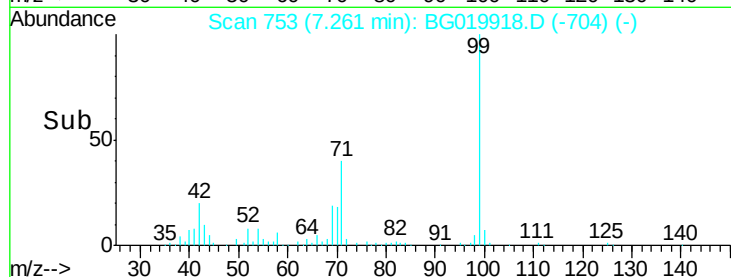
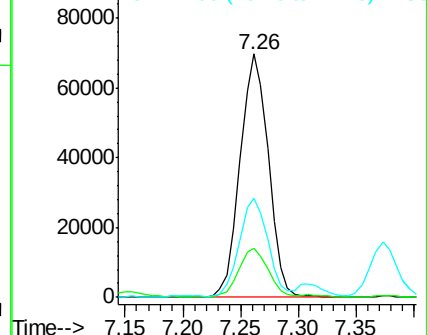
99 100

42 20.2 11.5 17.3#

71 40.6 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: 19.84 ng

RT: 9.24 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BG019918.D

Acq: 4 Dec 2015 23:39

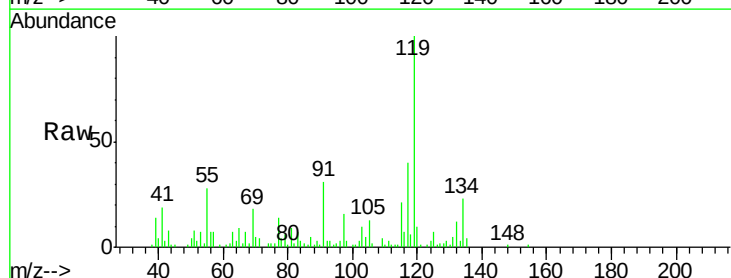
Tgt Ion: 117 Resp: 19129

Ion Ratio Lower Upper

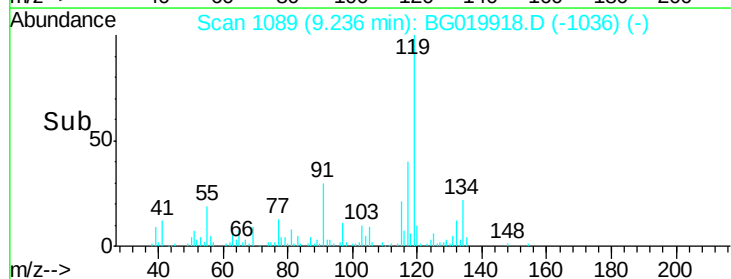
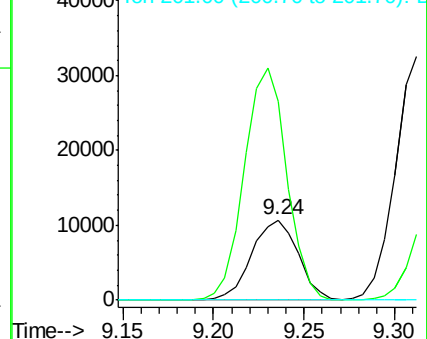
117 100

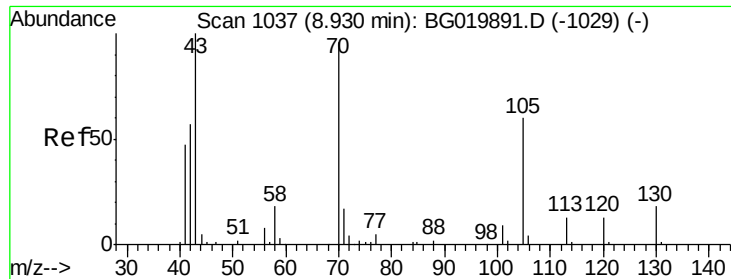
119 246.9 71.7 107.5#

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

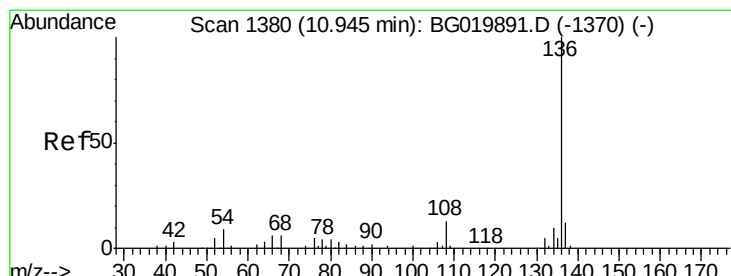
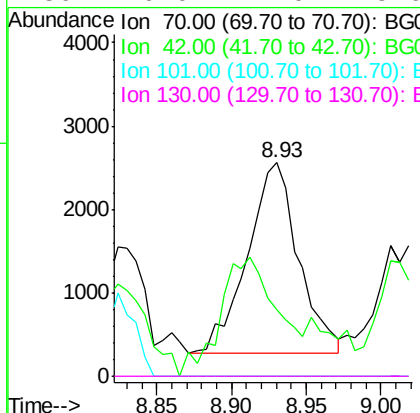
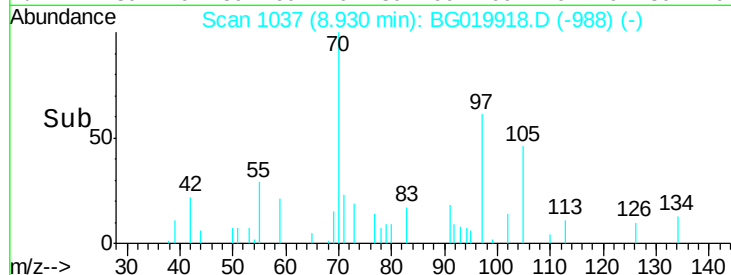
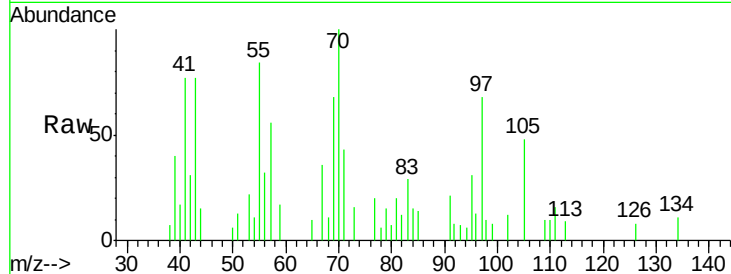




#19
n-Nitroso-di-n-propylamine
Concen: 2.53 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

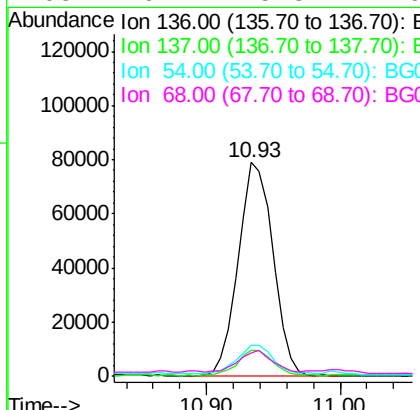
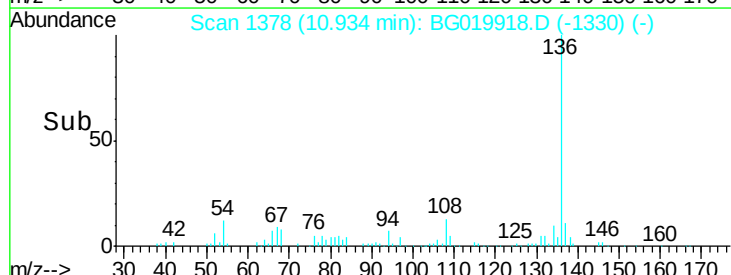
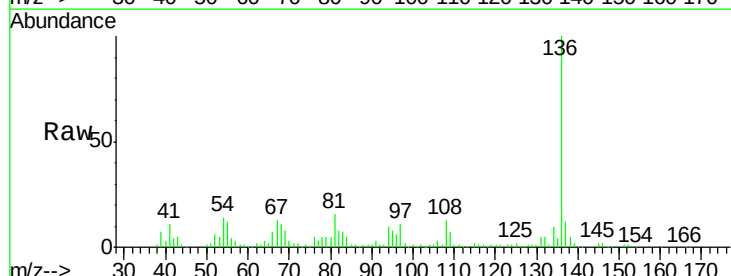
Instrument :
BNA_G
ClientSampleId :
MW-36

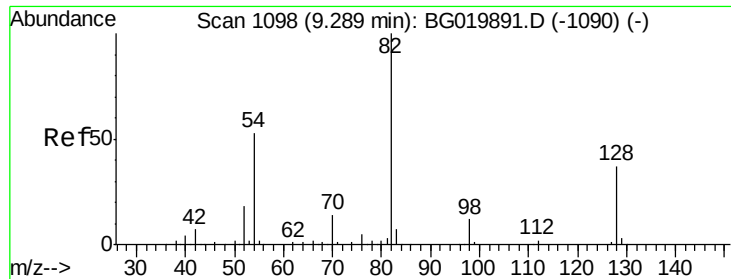
Tgt Ion: 70 Resp: 5435
Ion Ratio Lower Upper
70 100
42 30.9 40.6 60.8#
101 0.0 8.6 13.0#
130 0.0 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Tgt Ion: 136 Resp: 142544
Ion Ratio Lower Upper
136 100
137 11.8 8.6 12.8
54 14.2 5.4 8.2#
68 10.7 5.3 7.9#

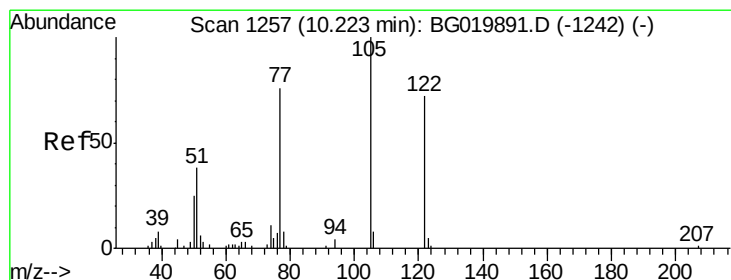
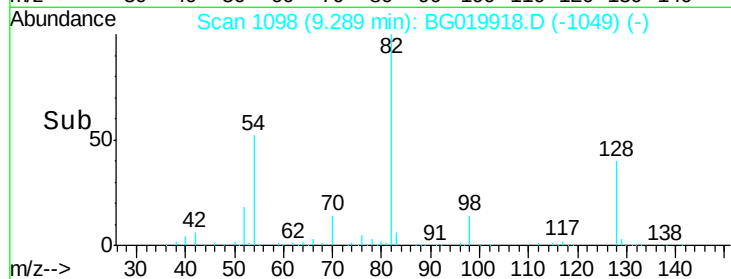
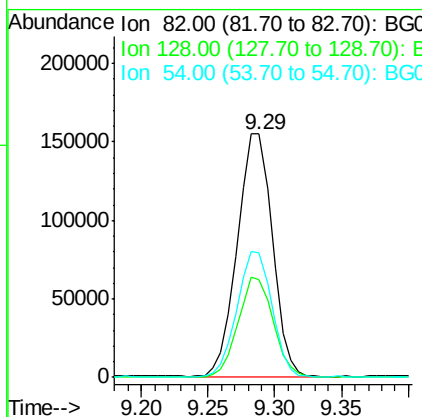
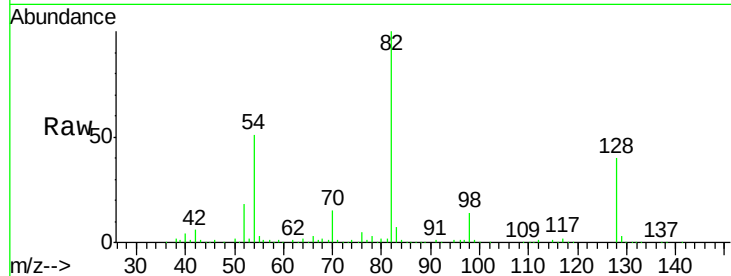




#23
 Nitrobenzene-d5
 Concen: 100.88 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019918.D
 Acq: 4 Dec 2015 23:39

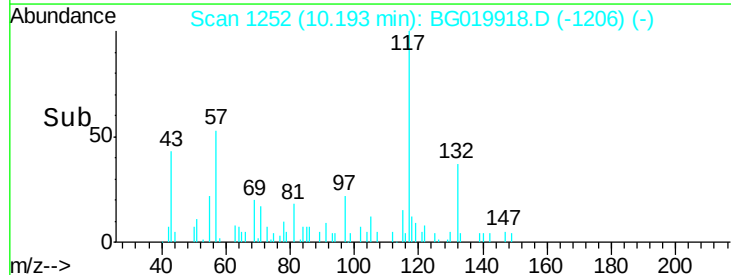
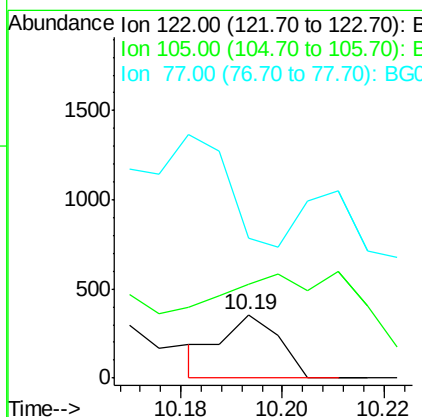
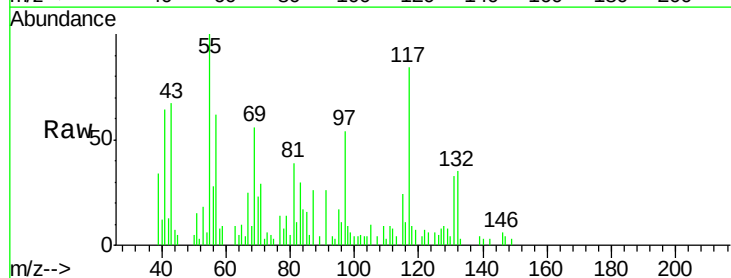
Instrument :
 BNA_G
 ClientSampleId :
 MW-36

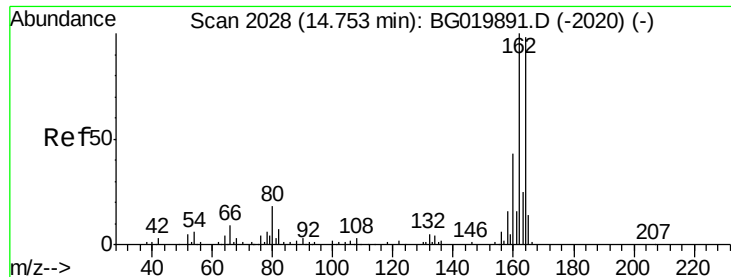
Tgt Ion: 82 Resp: 281758
 Ion Ratio Lower Upper
 82 100
 128 39.9 36.7 55.1
 54 51.2 33.8 50.8#



#32
 Benzoic acid
 Concen: 6.15 ng
 RT: 10.19 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BG019918.D
 Acq: 4 Dec 2015 23:39

Tgt Ion: 122 Resp: 276
 Ion Ratio Lower Upper
 122 100
 105 149.7 103.8 143.8#
 77 222.3 68.8 108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG019918.D

Acq: 4 Dec 2015 23:39

Instrument :

BNA_G

ClientSampleId :

MW-36

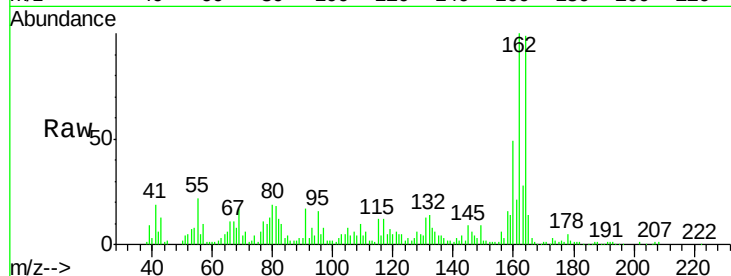
Tgt Ion:164 Resp: 122935

Ion Ratio Lower Upper

164 100

162 101.1 78.8 118.2

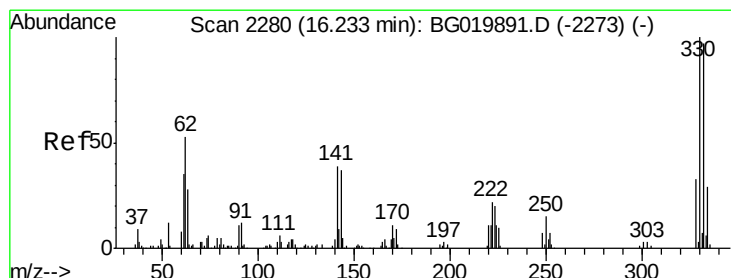
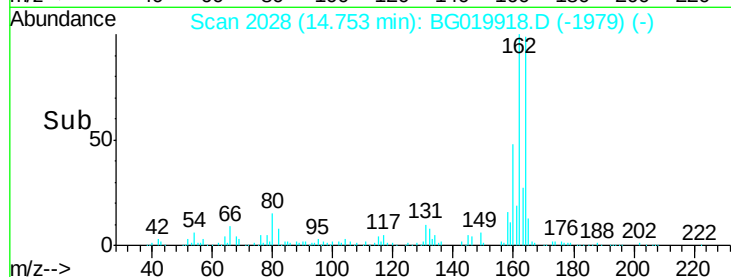
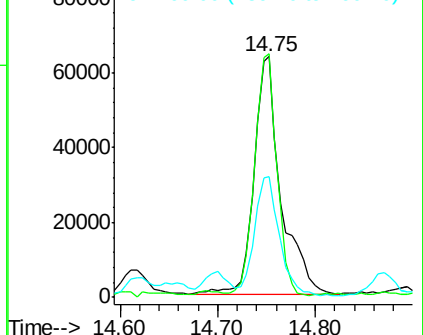
160 49.9 36.4 54.6



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: 116.71 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BG019918.D

Acq: 4 Dec 2015 23:39

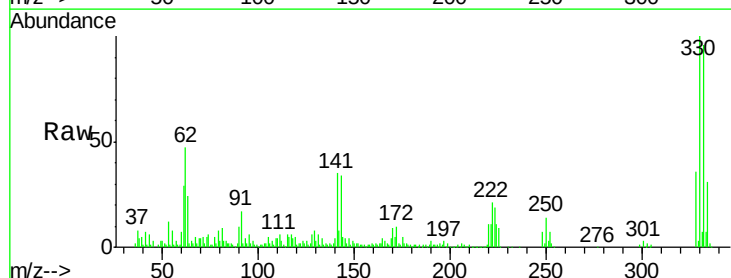
Tgt Ion:330 Resp: 219524

Ion Ratio Lower Upper

330 100

332 95.2 78.1 117.1

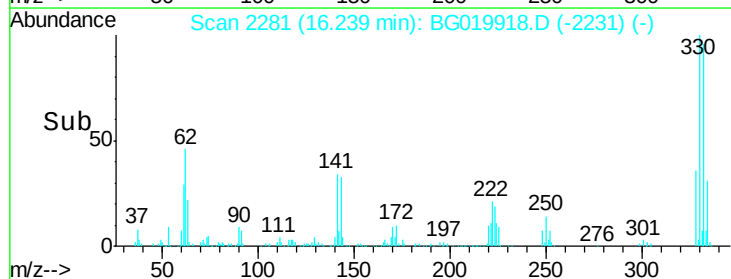
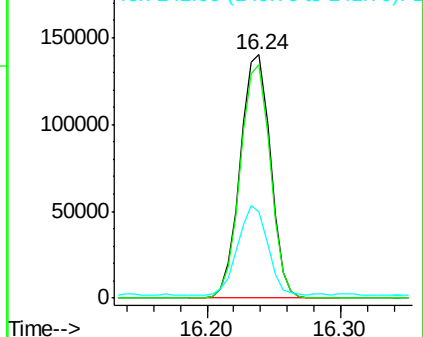
141 36.6 28.2 42.2

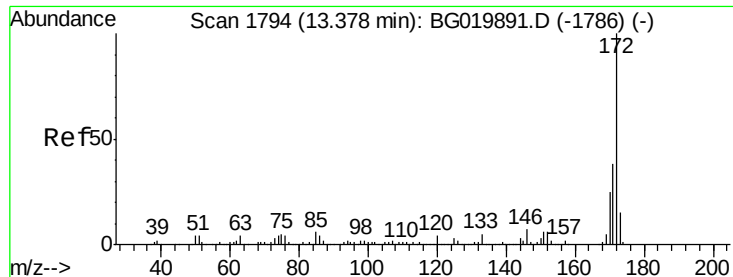


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

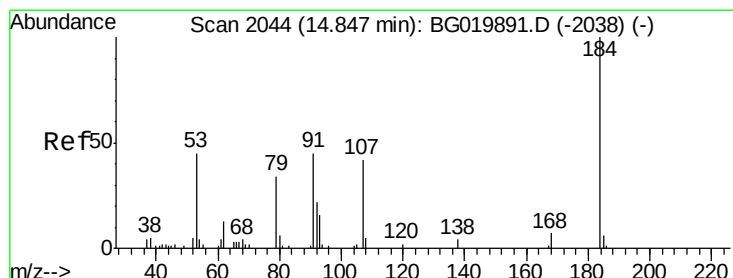
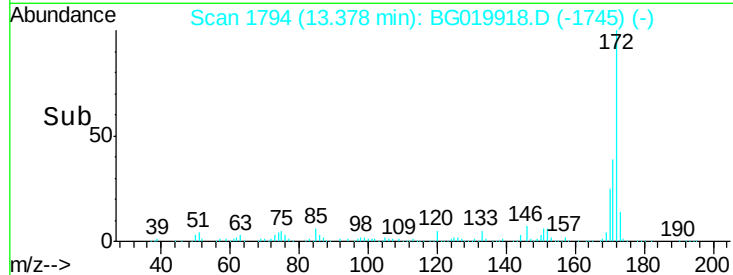
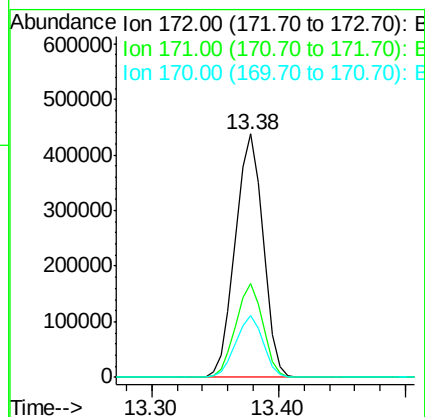
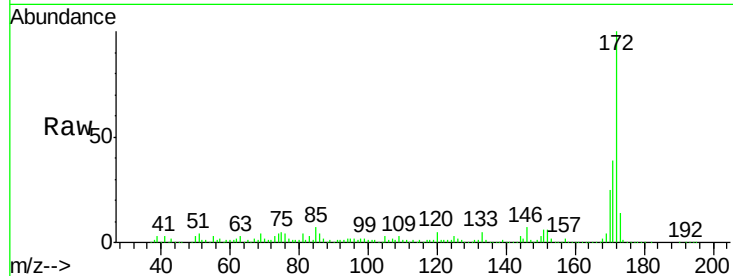




#44
2-Fluorobiphenyl
Concen: 73.77 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

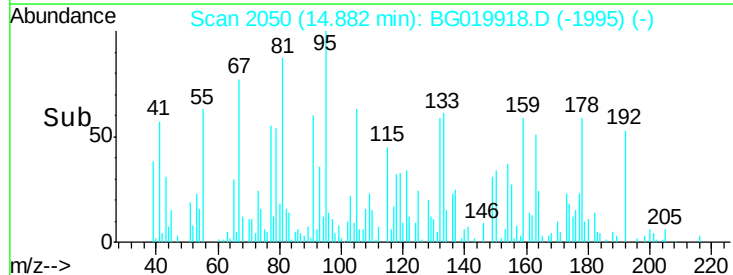
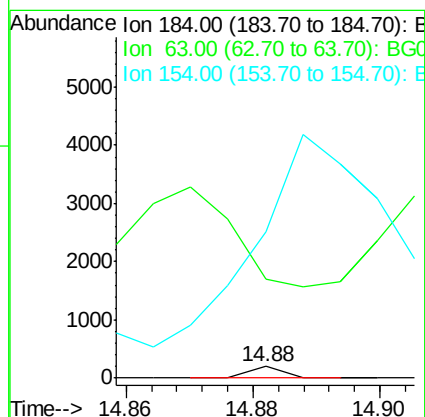
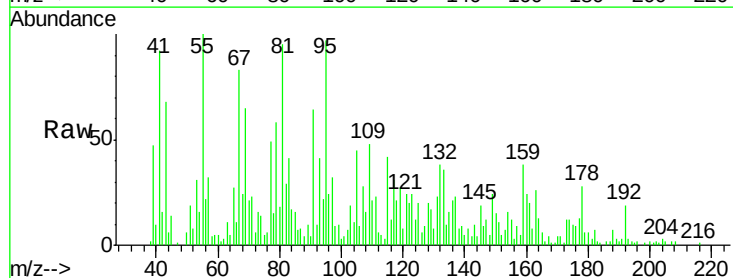
Instrument :
BNA_G
ClientSampled :
MW-36

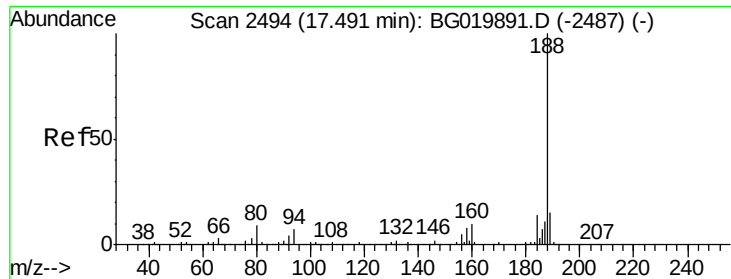
Tgt Ion:172 Resp: 664185
Ion Ratio Lower Upper
172 100
171 38.6 29.0 43.6
170 25.4 19.9 29.9



#53
2,4-Dinitrophenol
Concen: 9.32 ng
RT: 14.88 min Scan# 2050
Delta R.T. 0.02 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Tgt Ion:184 Resp: 69
Ion Ratio Lower Upper
184 100
63 868.7 42.7 64.1#
154 1289.2 44.3 66.5#

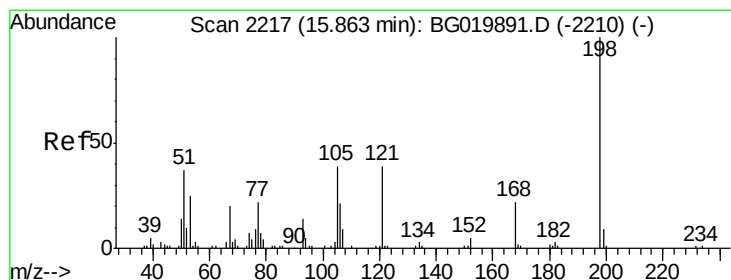
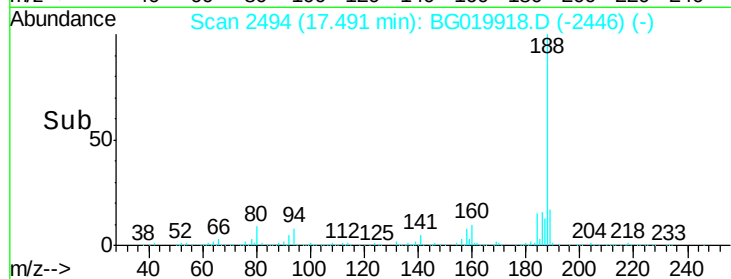
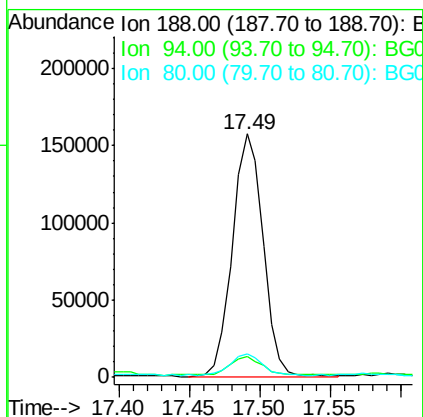
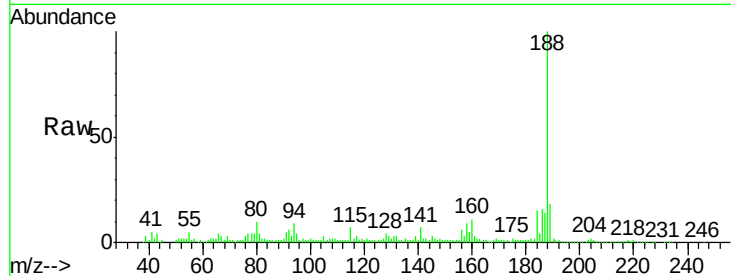




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

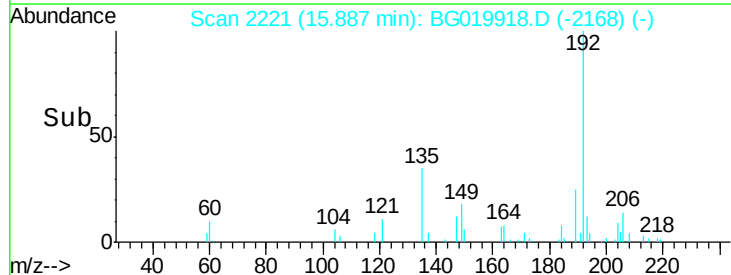
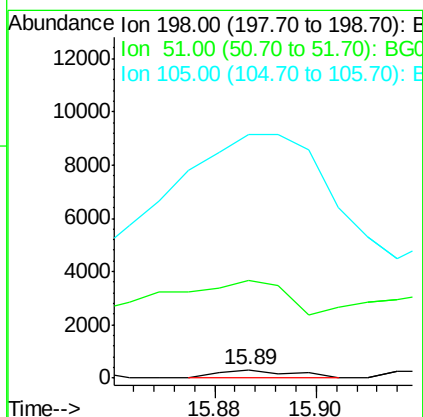
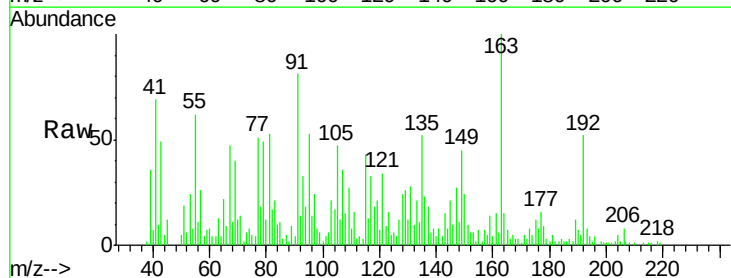
Instrument :
BNA_G
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MW-36

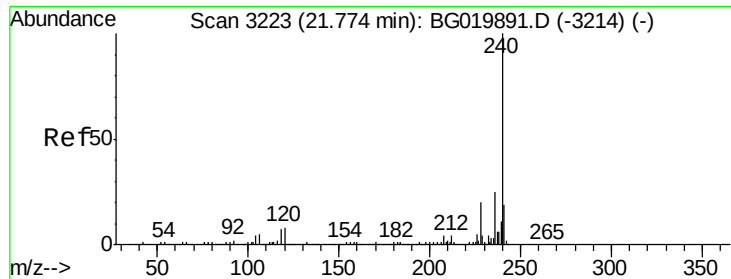
Tgt Ion:188 Resp: 237892
Ion Ratio Lower Upper
188 100
94 8.7 7.7 11.5
80 9.9 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.30 ng
RT: 15.89 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Tgt Ion:198 Resp: 299
Ion Ratio Lower Upper
198 100
51 1214.5 14.2 54.2#
105 3007.6 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: BG019918.D

Acq: 4 Dec 2015 23:39

Instrument :

BNA_G

ClientSampleId :

MW-36

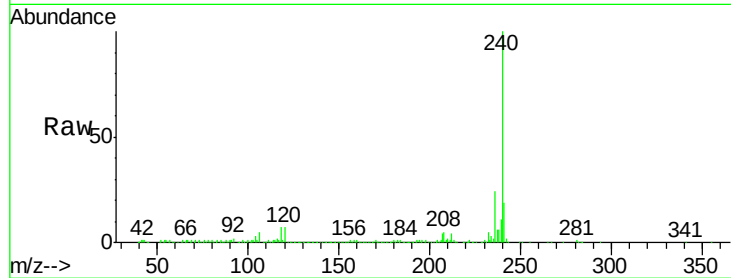
Tgt Ion:240 Resp: 292959

Ion Ratio Lower Upper

240 100

120 6.8 7.4 11.0#

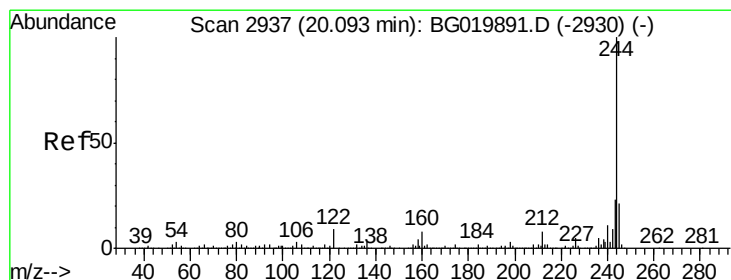
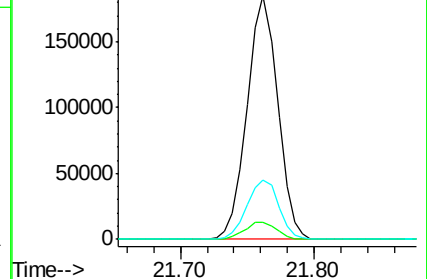
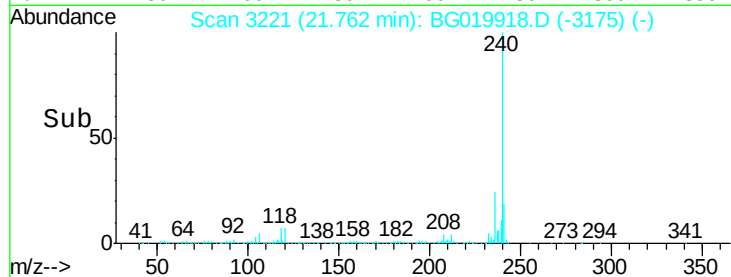
236 24.3 20.7 31.1



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: 83.09 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019918.D

Acq: 4 Dec 2015 23:39

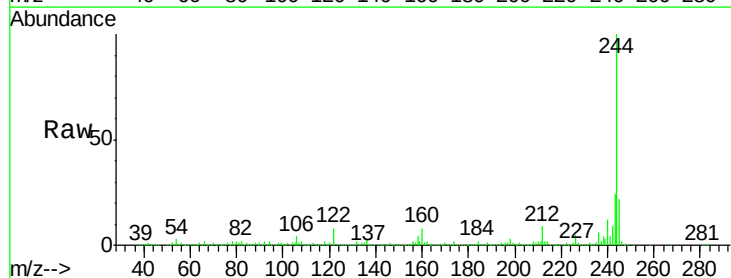
Tgt Ion:244 Resp: 997988

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

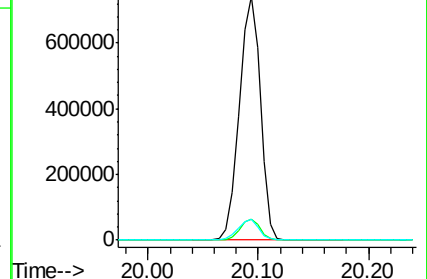
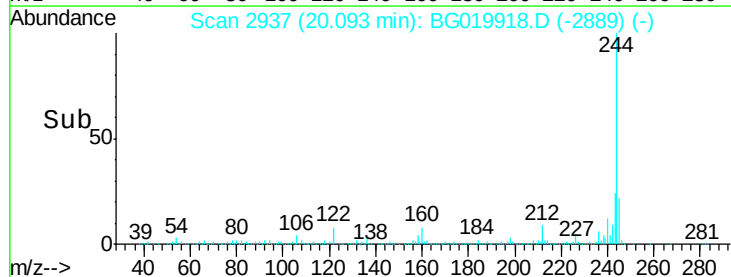
122 8.5 10.2 15.2#

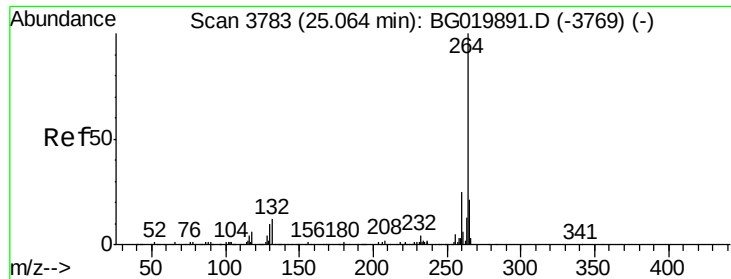


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

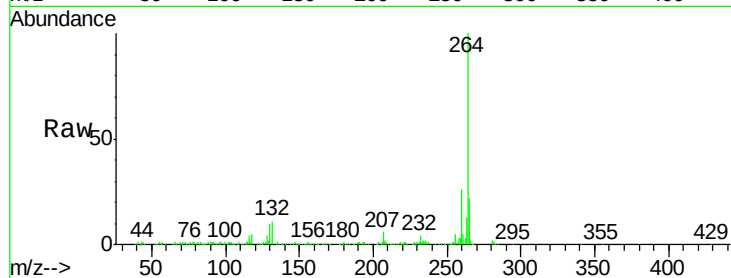




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.05 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.5	27.7
265	21.6	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

