

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020980.D
 Acq On : 19 Feb 2016 20:15
 Operator : SJ/UM
 Sample : H1509-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-FD

Quant Time: Feb 19 21:50:32 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

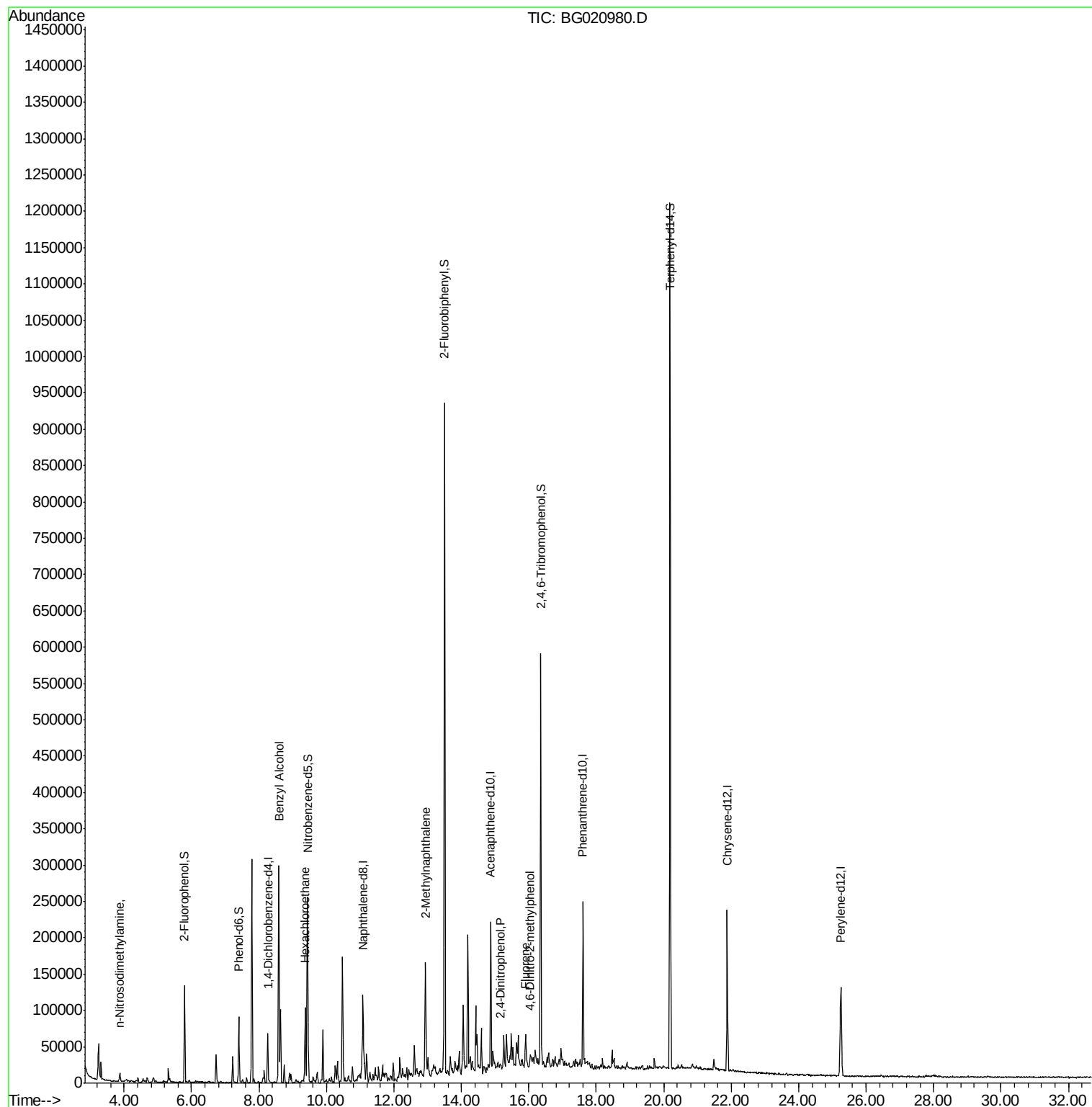
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	20934	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	111274	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	68300	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	135697	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	125515	20.00	ng	-0.02
86) Perylene-d12	25.25	264	120165	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	75395	60.65	ng	0.00
7) Phenol-d6	7.40	99	68165	37.52	ng	0.00
23) Nitrobenzene-d5	9.43	82	166362	98.30	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	111187	165.54	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	484624	99.67	ng	-0.01
78) Terphenyl-d14	20.18	244	514123	95.56	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.87	42	968	2.77	ng	# 1
15) Benzyl Alcohol	8.58	79	2292	2.00	ng	# 37
18) Hexachloroethane	9.38	117	16364	28.59	ng	# 1
37) 2-Methylnaphthalene	12.94	142	69866	17.30	ng	98
53) 2,4-Dinitrophenol	15.16	184	421	9.20	ng	91
57) Fluorene	15.91	166	13492	2.44	ng	98
64) 4,6-Dinitro-2-methylphenol	16.04	198	189	5.76	ng	# 1

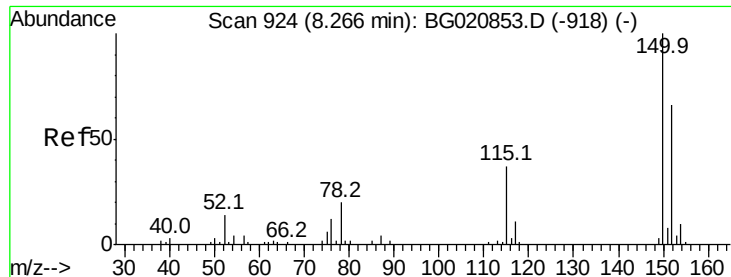
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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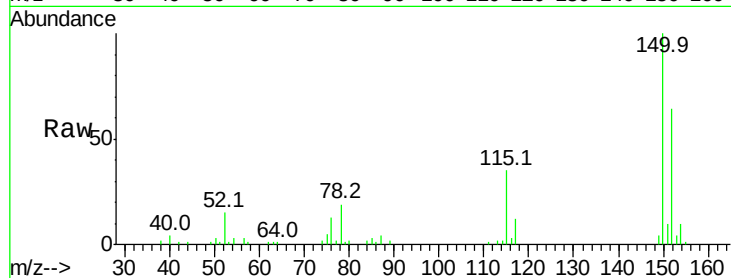


#1

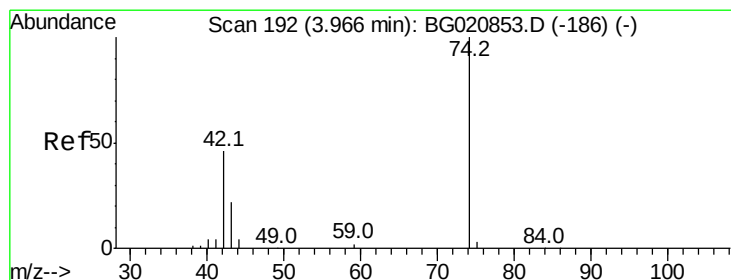
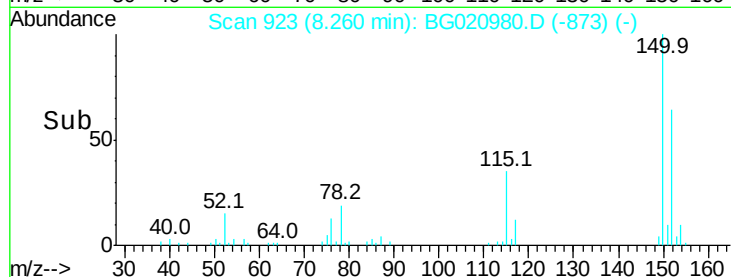
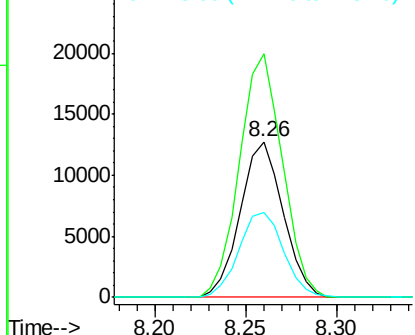
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG020980.D
Acq: 19 Feb 2016 20:15

Instrument :
BNA_G
ClientSampleId :
MW-1-FD

Tot Ion:152 Resp: 20934
Ion Ratio Lower Upper
152 100
150 156.8 122.0 183.0
115 54.8 45.2 67.8



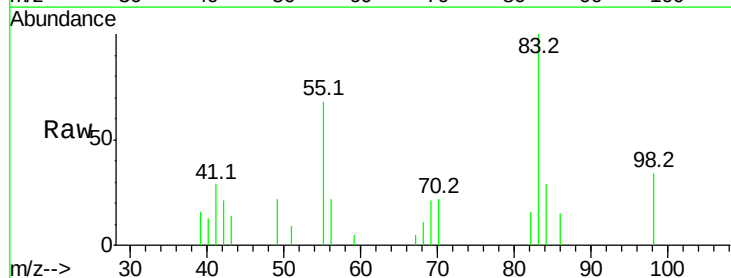
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



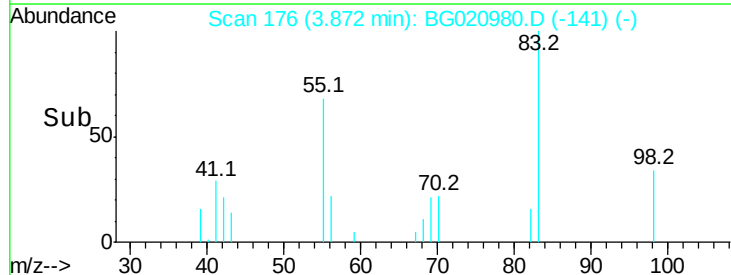
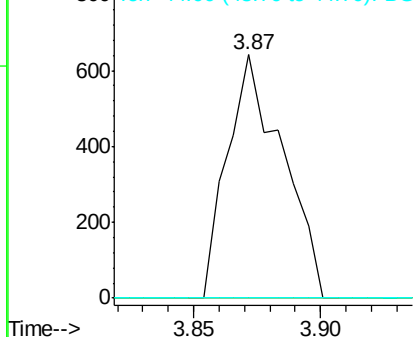
#4

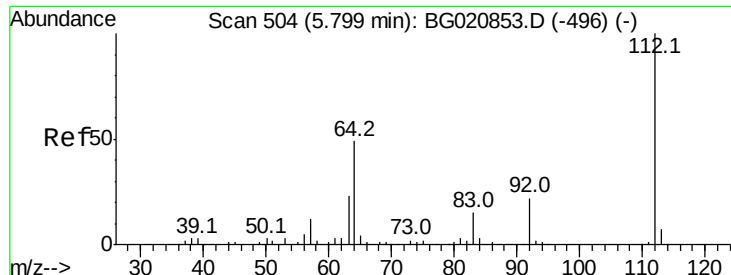
n-Nitrosodimethylamine
Concen: 2.77 ng
RT: 3.87 min Scan# 176
Delta R.T. -0.09 min
Lab File: BG020980.D
Acq: 19 Feb 2016 20:15

Tgt Ion: 42 Resp: 968
Ion Ratio Lower Upper
42 100
74 0.0 173.8 260.6#
44 0.0 6.3 9.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 60.65 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

Instrument :

BNA_G

ClientSampleId :

MW-1-FD

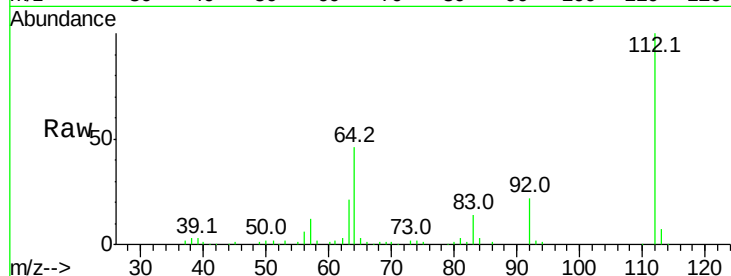
Tot Ion:112 Resp: 75395

Ion Ratio Lower Upper

112 100

64 45.6 39.3 58.9

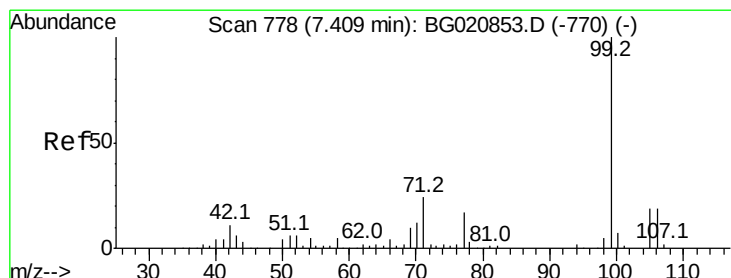
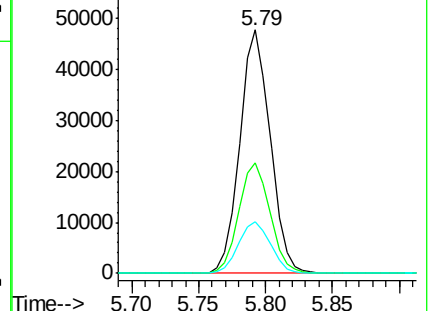
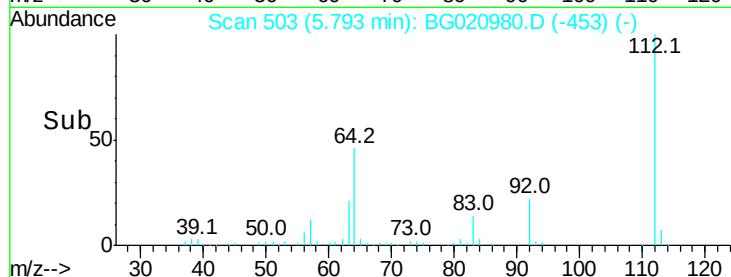
63 21.3 18.2 27.4



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: 37.52 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

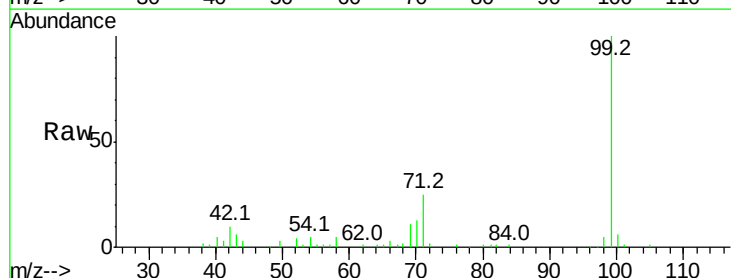
Tgt Ion: 99 Resp: 68165

Ion Ratio Lower Upper

99 100

42 10.1 8.4 12.6

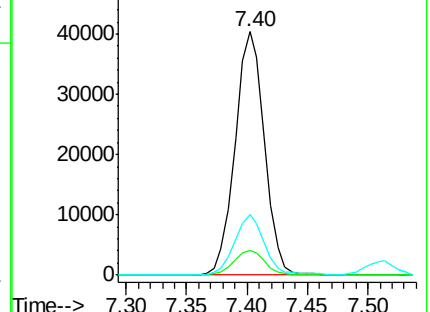
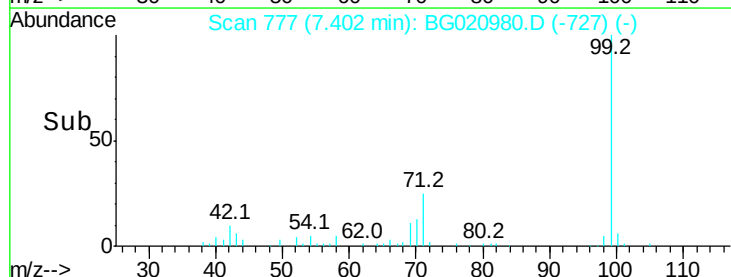
71 24.9 19.4 29.0

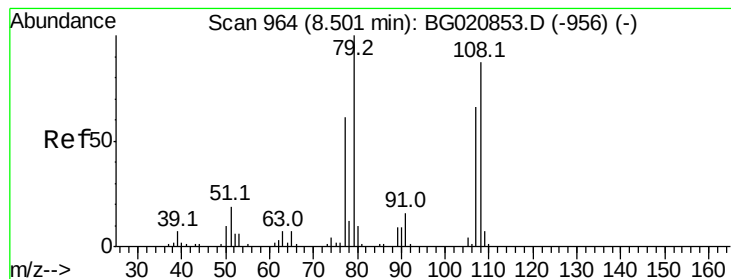


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 8.58 min Scan# 978

Delta R.T. 0.08 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

Instrument :

BNA_G

ClientSampleId :

MW-1-FD

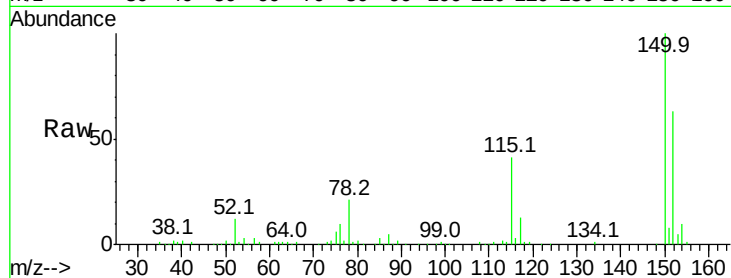
Tot Ion: 79 Resp: 2292

Ion Ratio Lower Upper

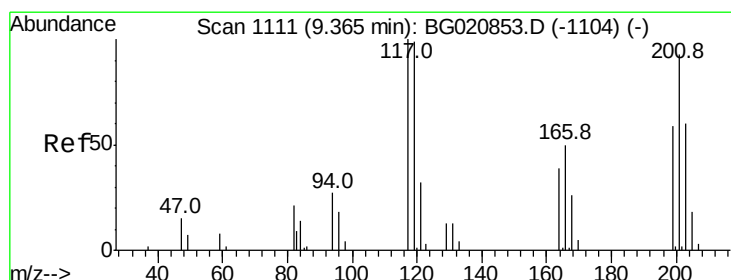
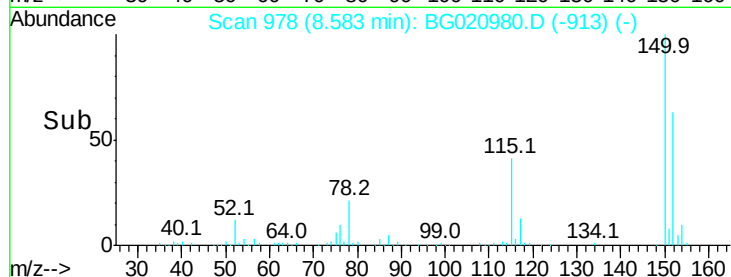
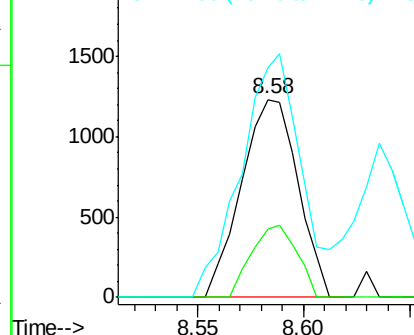
79 100

108 34.9 69.4 104.2#

77 116.3 48.6 73.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#18

Hexachloroethane

Concen: 28.59 ng

RT: 9.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

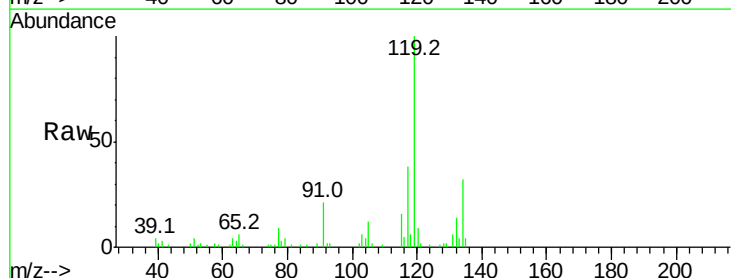
Tgt Ion: 117 Resp: 16364

Ion Ratio Lower Upper

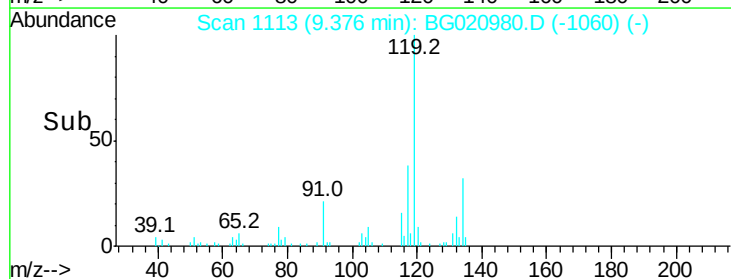
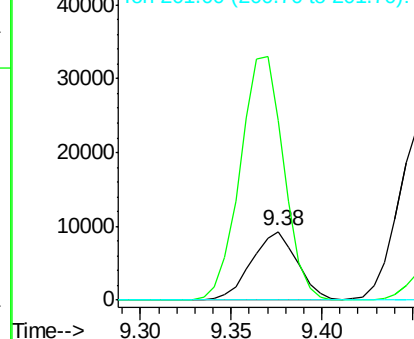
117 100

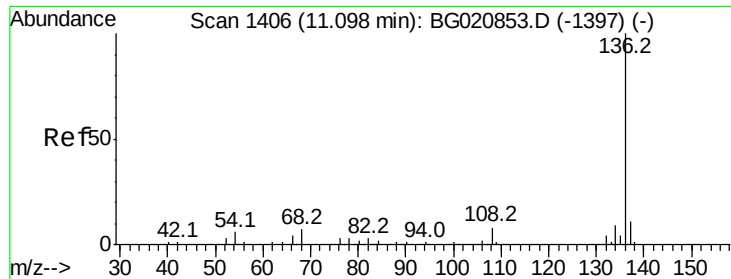
119 262.4 79.6 119.4#

201 0.0 74.5 111.7#



Abundance Ion 117.00 (116.70 to 117.70): BGC
Ion 119.00 (118.70 to 119.70): BGC
Ion 201.00 (200.70 to 201.70): BGC

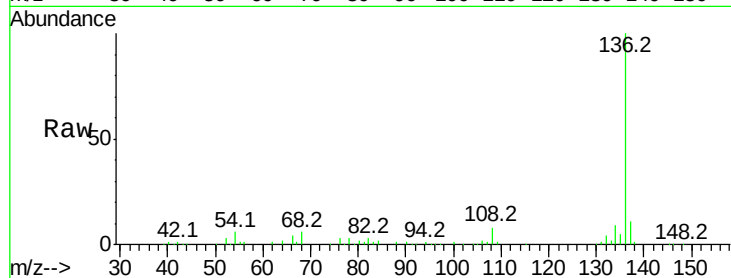




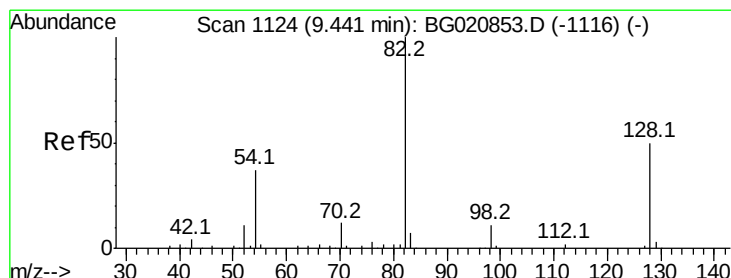
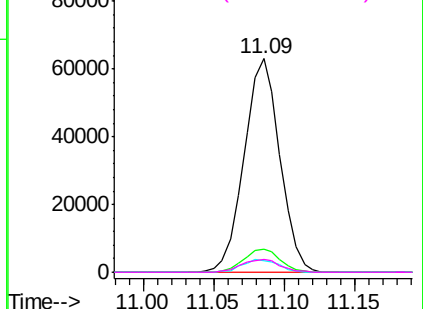
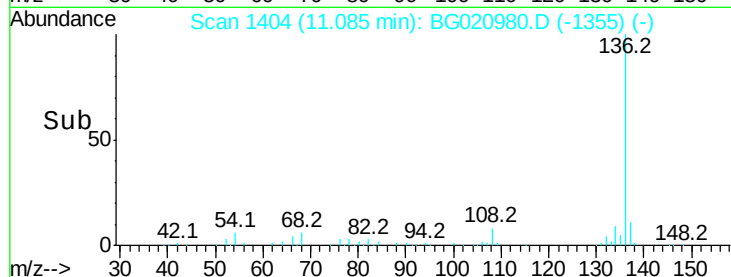
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG020980.D
Acq: 19 Feb 2016 20:15

Instrument :
BNA_G
ClientSampleId :
MW-1-FD

Tot Ion:136	Resp:	111274
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	5.6	5.0 7.4
68	6.2	5.2 7.8

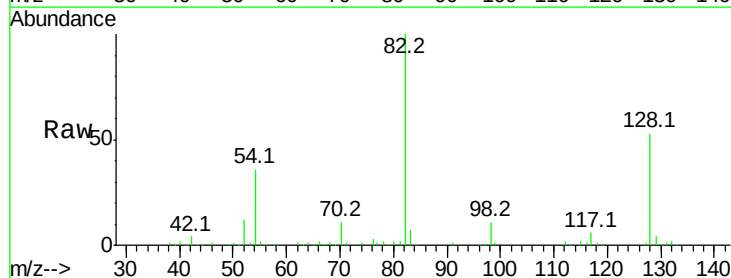


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

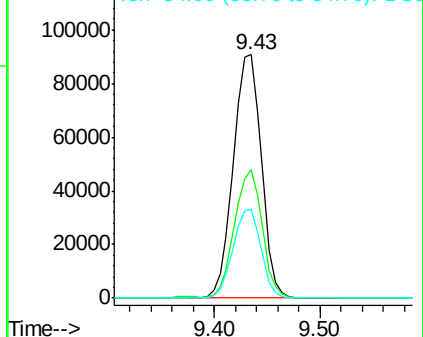
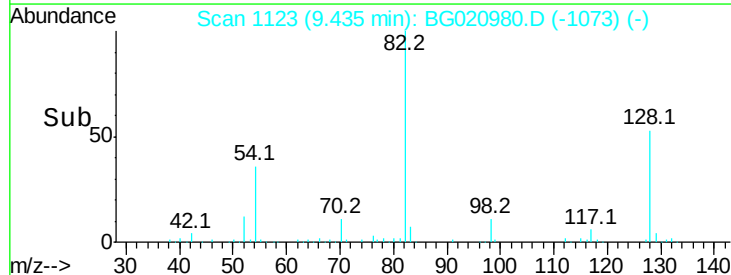


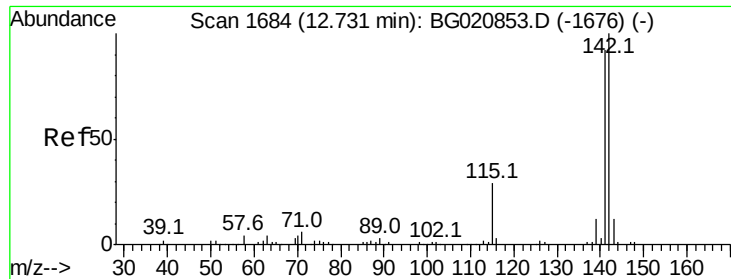
#23
Nitrobenzene-d5
Concen: 98.30 ng
RT: 9.43 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG020980.D
Acq: 19 Feb 2016 20:15

Tgt Ion: 82	Resp:	166362
Ion	Ratio	Lower Upper
82	100	
128	52.7	40.1 60.1
54	36.3	29.5 44.3



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

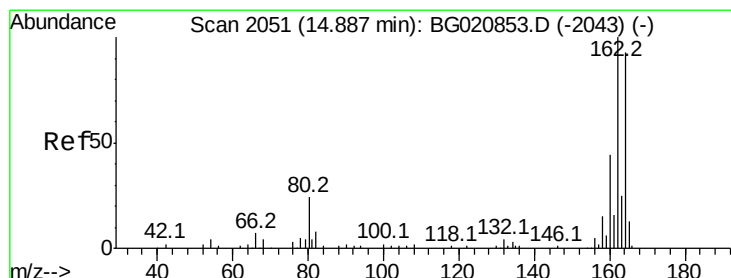
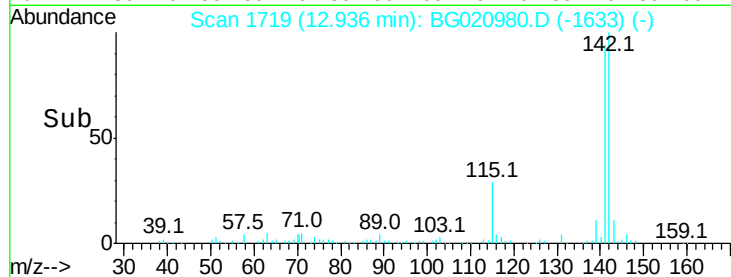
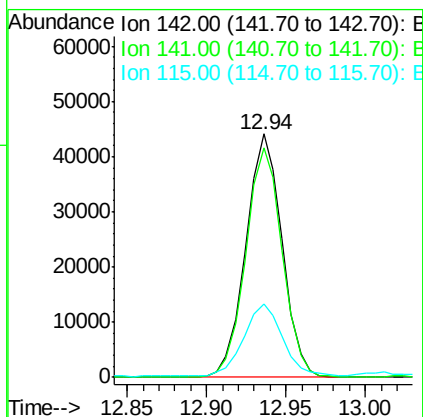
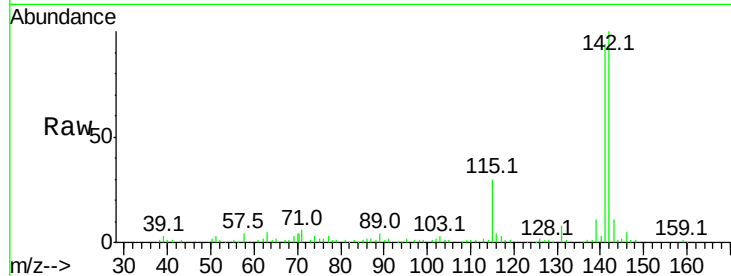




#37
2-Methylnaphthalene
Concen: 17.30 ng
RT: 12.94 min Scan# 1719
Delta R.T. 0.20 min
Lab File: BG020980.D
Acq: 19 Feb 2016 20:15

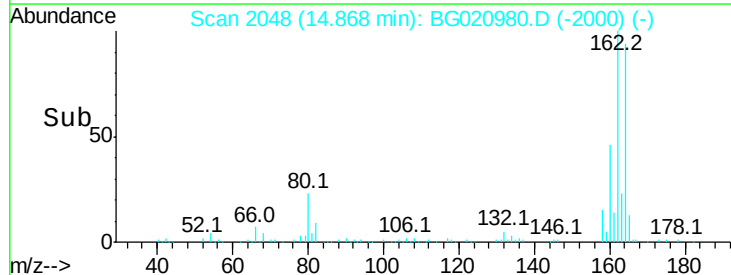
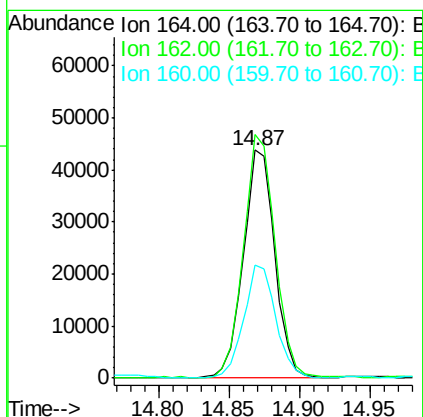
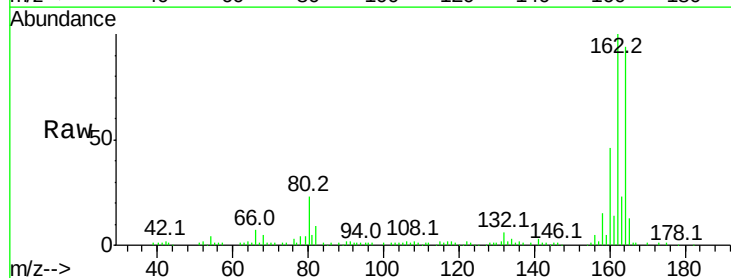
Instrument :
BNA_G
ClientSampleId :
MW-1-FD

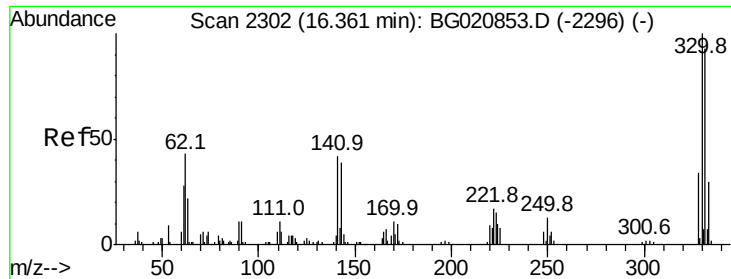
Tot Ion:142 Resp: 69866
Ion Ratio Lower Upper
142 100
141 94.2 73.4 110.2
115 30.1 23.0 34.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG020980.D
Acq: 19 Feb 2016 20:15

Tgt Ion:164 Resp: 68300
Ion Ratio Lower Upper
164 100
162 106.8 85.7 128.5
160 49.6 37.4 56.0

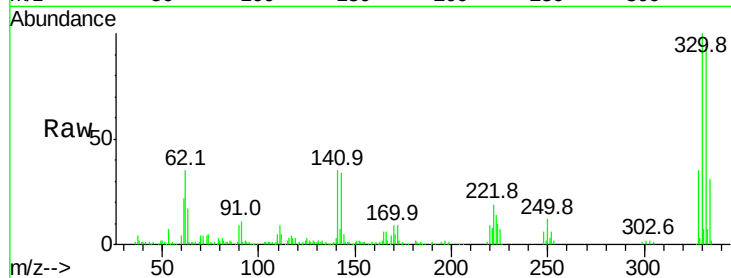




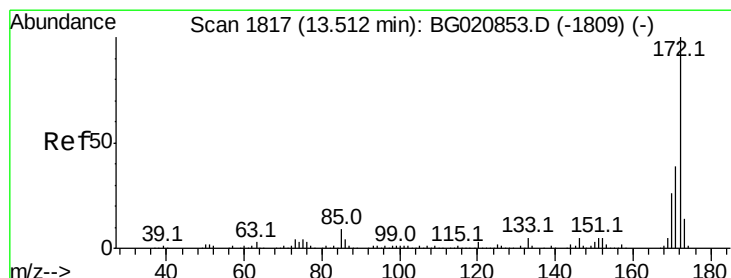
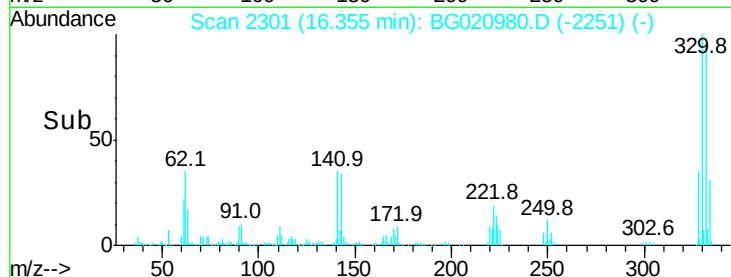
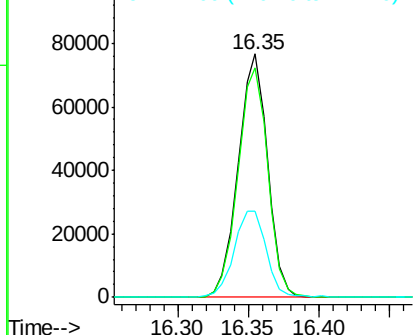
#41
 2,4,6-Tribromophenol
 Concen: 165.54 ng
 RT: 16.35 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG020980.D
 Acq: 19 Feb 2016 20:15

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-FD

Tot Ion:330 Resp: 111187
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.1 114.1
 141 37.7 32.0 48.0

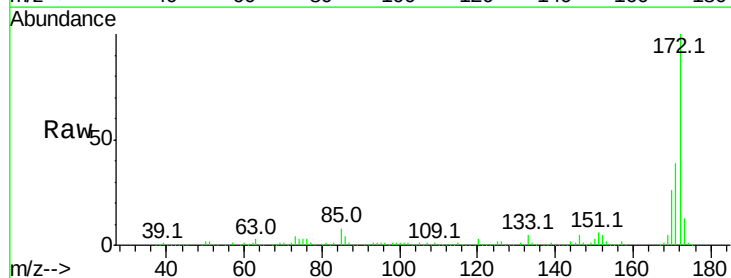


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

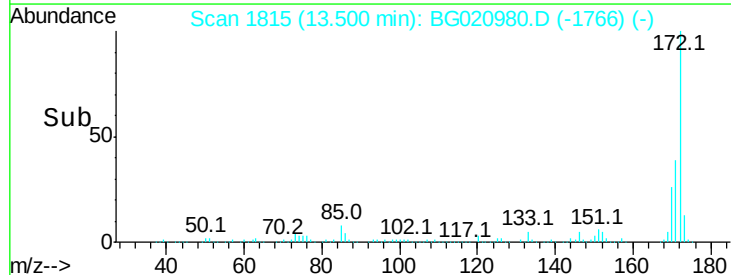
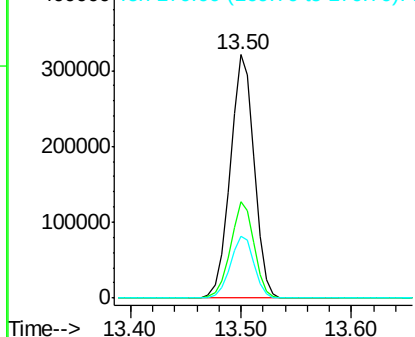


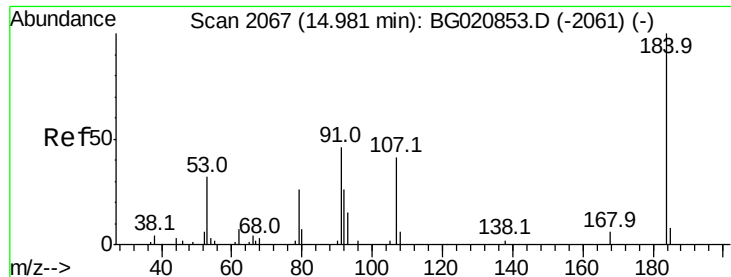
#44
 2-Fluorobiphenyl
 Concen: 99.67 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020980.D
 Acq: 19 Feb 2016 20:15

Tgt Ion:172 Resp: 484624
 Ion Ratio Lower Upper
 172 100
 171 39.4 31.2 46.8
 170 25.6 20.6 30.8



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

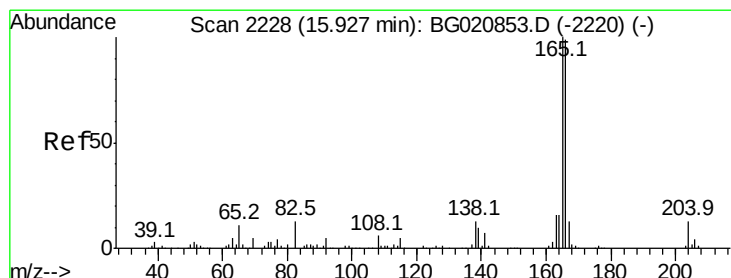
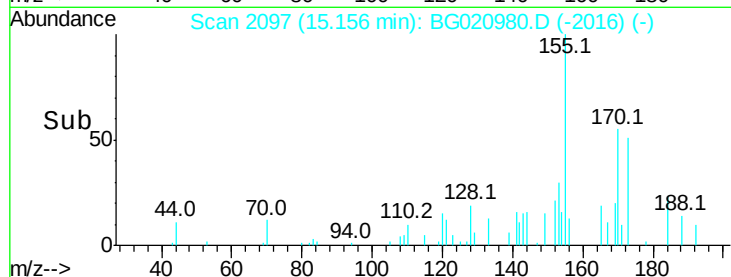
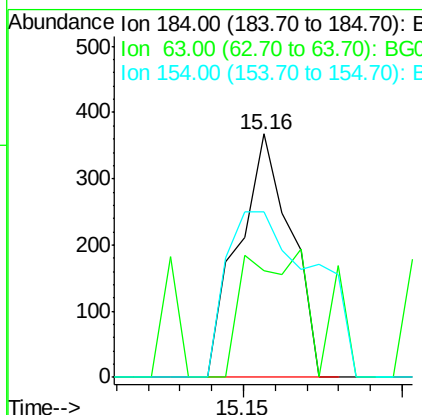
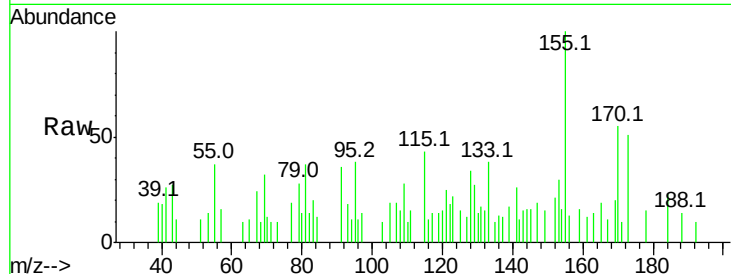




#53
 2,4-Dinitrophenol
 Concen: 9.20 ng
 RT: 15.16 min Scan# 2097
 Delta R.T. 0.18 min
 Lab File: BG020980.D
 Acq: 19 Feb 2016 20:15

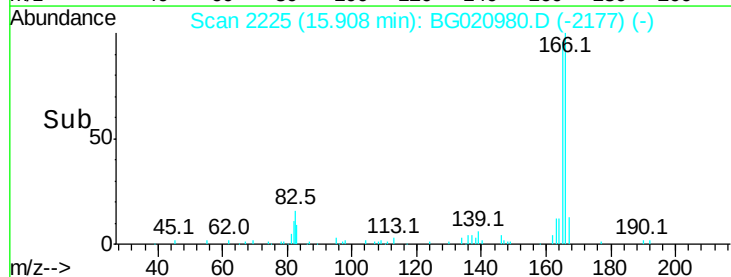
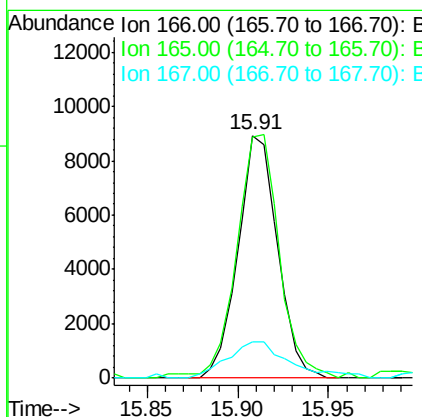
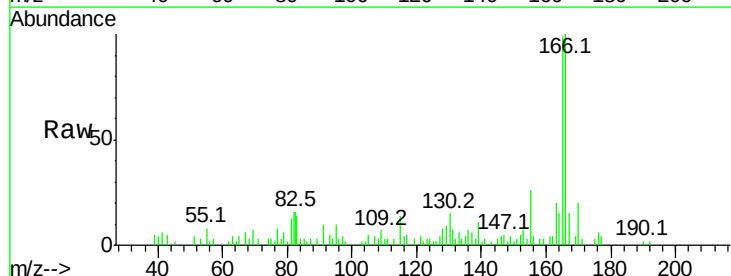
Instrument :
 BNA_G
 ClientSampled :
 MW-1-FD

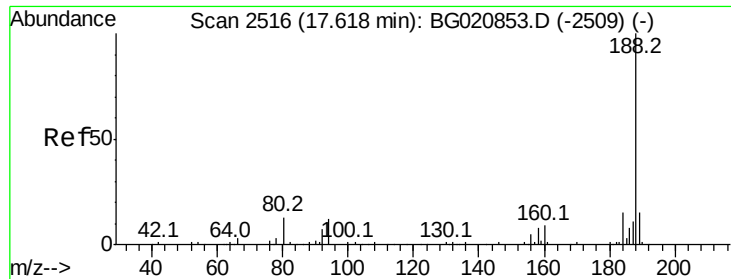
Tot Ion:184 Resp: 421
 Ion Ratio Lower Upper
 184 100
 63 44.0 39.8 59.6
 154 67.9 48.1 72.1



#57
 Fluorene
 Concen: 2.44 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.02 min
 Lab File: BG020980.D
 Acq: 19 Feb 2016 20:15

Tgt Ion:166 Resp: 13492
 Ion Ratio Lower Upper
 166 100
 165 99.4 81.0 121.4
 167 15.2 10.8 16.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.61 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

Instrument :

BNA_G

ClientSampleId :

MW-1-FD

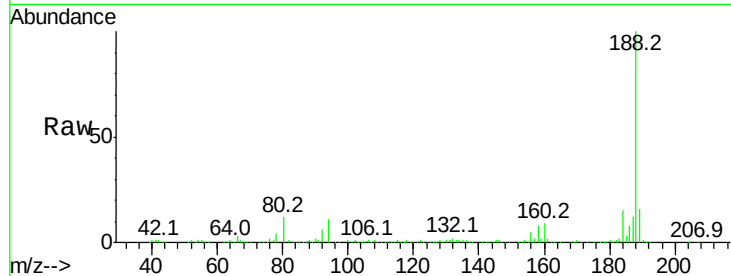
Tot Ion:188 Resp: 135697

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.0

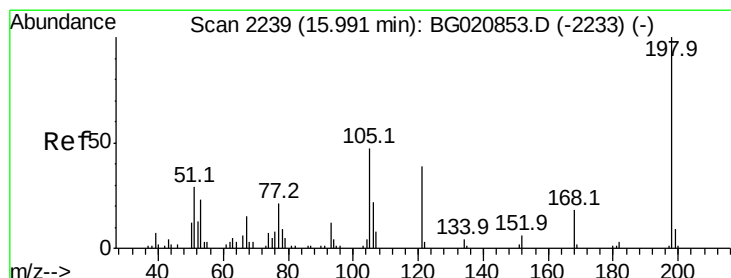
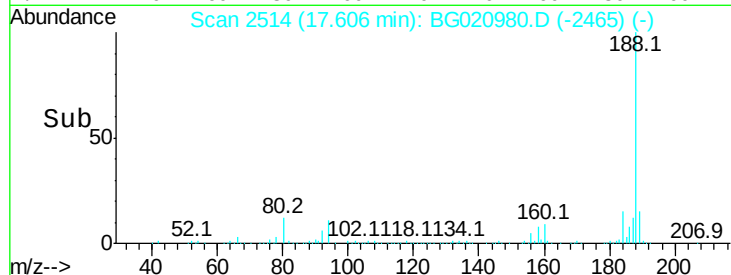
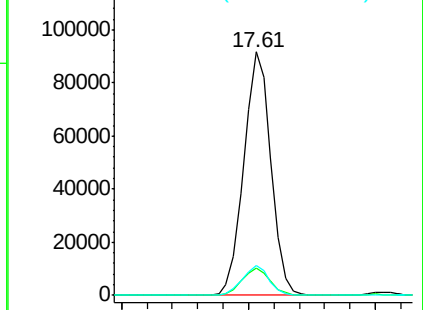
80 12.4 10.2 15.4



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: 5.76 ng

RT: 16.04 min Scan# 2248

Delta R.T. 0.05 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

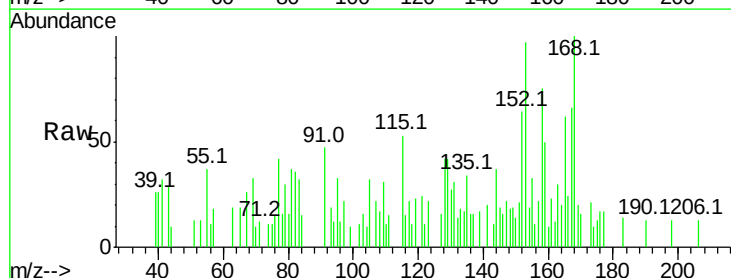
Tgt Ion:198 Resp: 189

Ion Ratio Lower Upper

198 100

51 99.5 10.6 50.6#

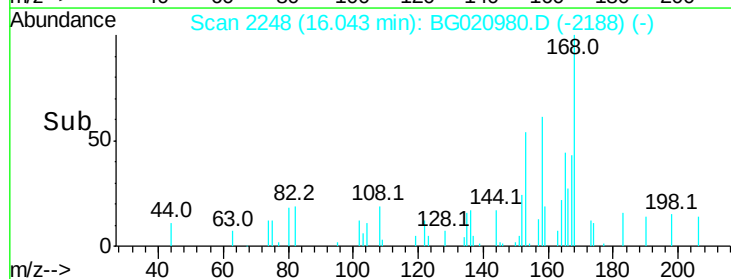
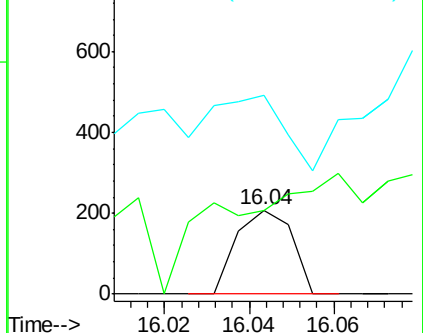
105 236.1 27.0 67.0#

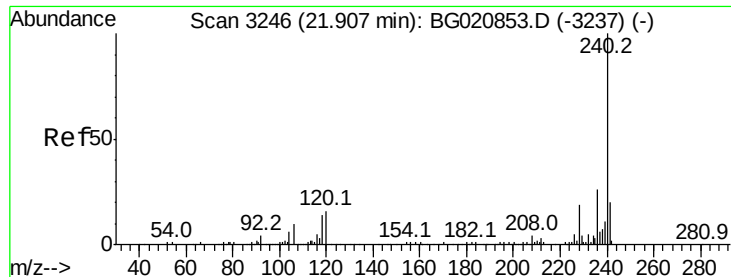


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

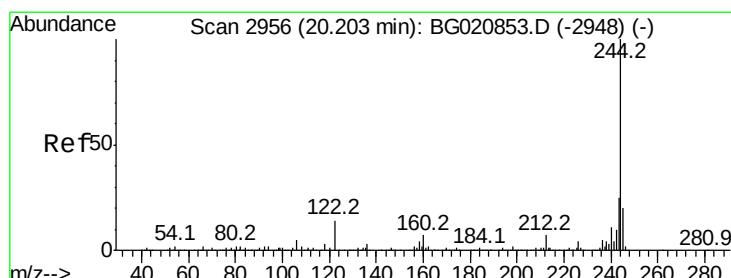
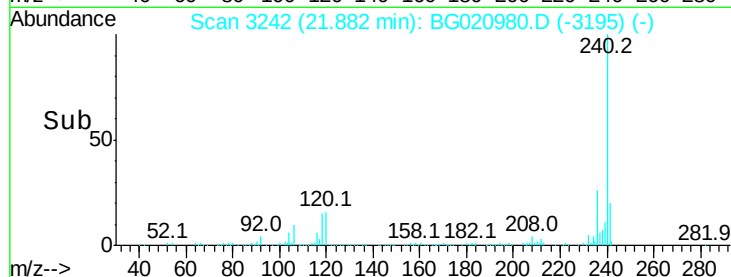
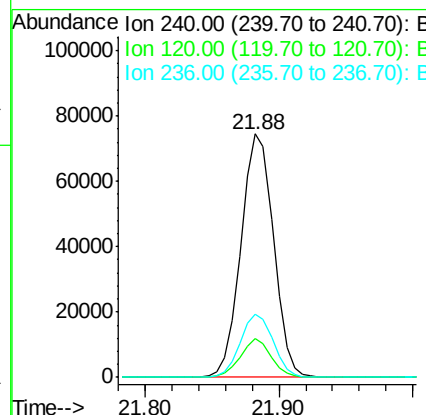
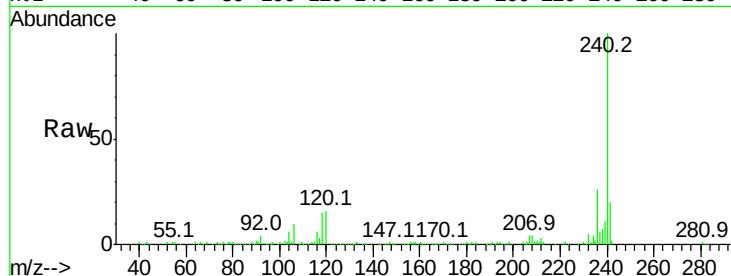




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020980.D
Acq: 19 Feb 2016 20:15

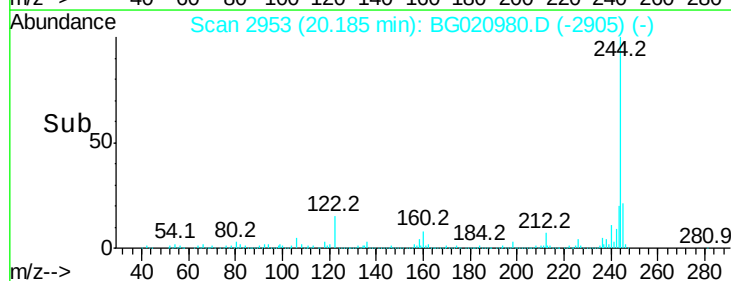
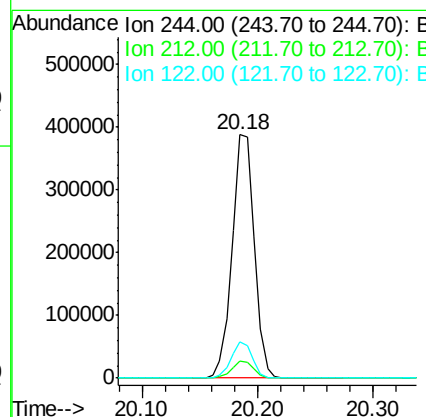
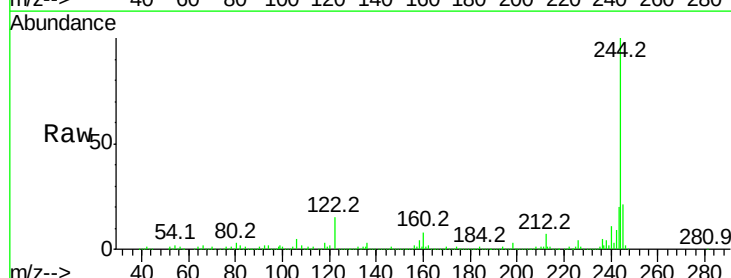
Instrument :
BNA_G
ClientSampleId :
MW-1-FD

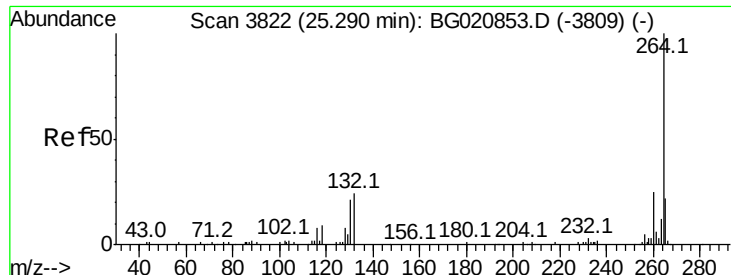
Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	13.0	19.4
236	26.1	21.0	31.4



#78
Terphenyl-d14
Concen: 95.56 ng
RT: 20.18 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020980.D
Acq: 19 Feb 2016 20:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	15.0	11.4	17.2

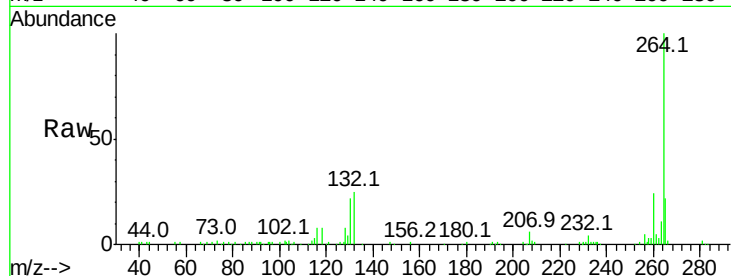




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3815
Delta R.T. -0.04 min
Lab File: BG020980.D
Acq: 19 Feb 2016 20:15

Instrument :
BNA_G
ClientSampleId :
MW-1-FD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.9	29.9
265	21.8	18.0	27.0



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

