

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
 Data File : BG035922.D
 Acq On : 26 Jul 2018 23:45
 Operator : JU/SJ
 Sample : J4163-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-16

Quant Time: Jul 27 01:28:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

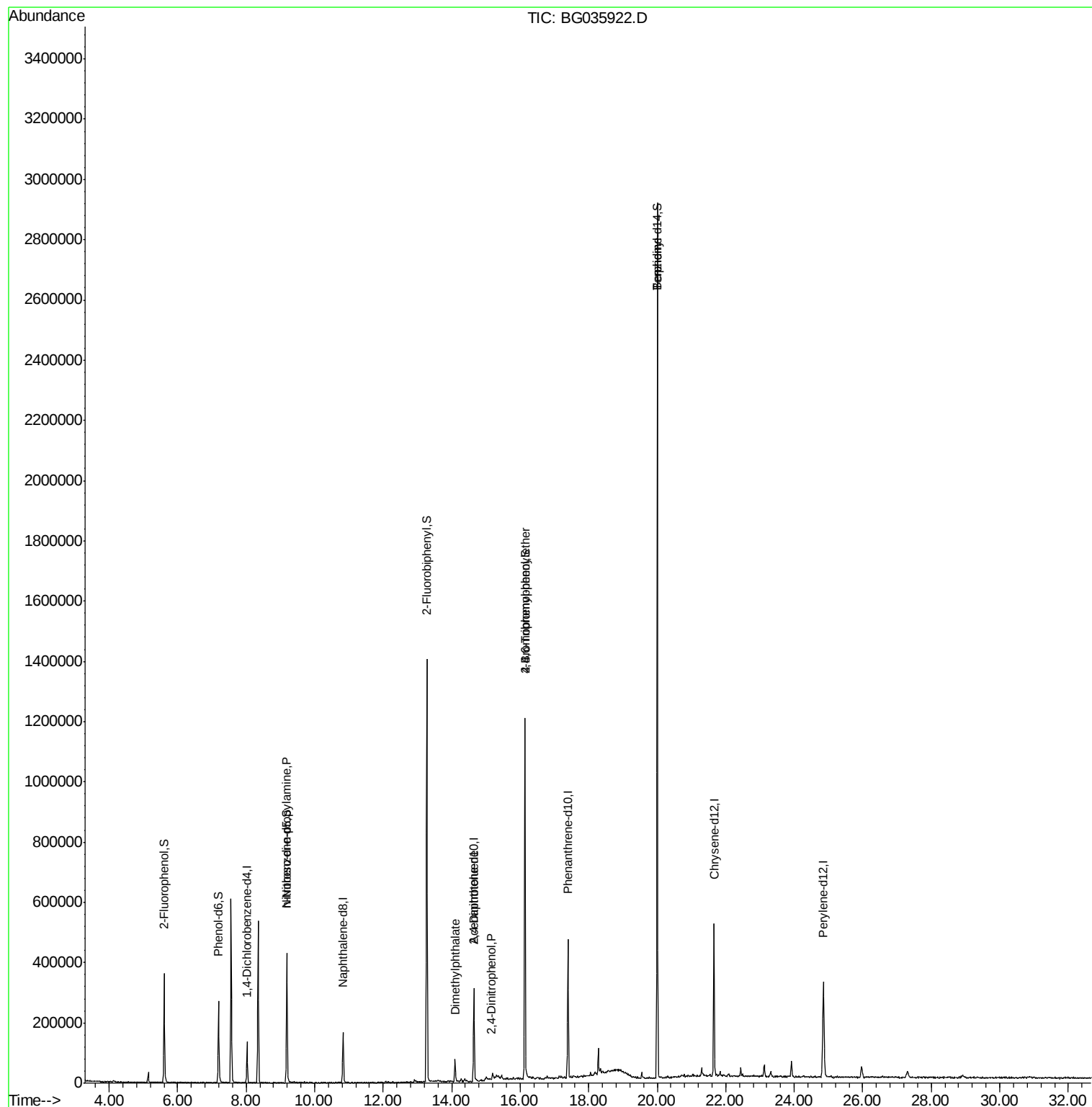
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38694	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	145525	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	108122	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	301823	20.00	ng	0.00
75) Chrysene-d12	21.65	240	328424	20.00	ng	0.00
86) Perylene-d12	24.85	264	311446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	161548	69.32	ng	0.00
7) Phenol-d6	7.19	99	173125	49.79	ng	0.00
23) Nitrobenzene-d5	9.19	82	311638	89.46	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	225937	158.54	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	760452	94.23	ng	0.00
78) Terphenyl-d14	20.00	244	1383487	92.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	41836	14.287	ng	# 66
49) Dimethylphthalate	14.09	163	54610	5.765	ng	# 96
53) 2,4-Dinitrophenol	15.15	184	56	6.634	ng	# 7
56) 2,4-Dinitrotoluene	14.65	165	15088	5.452	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	18074	5.162	ng	# 1
76) Benzidine	20.00	184	24136	2.795	ng	# 90

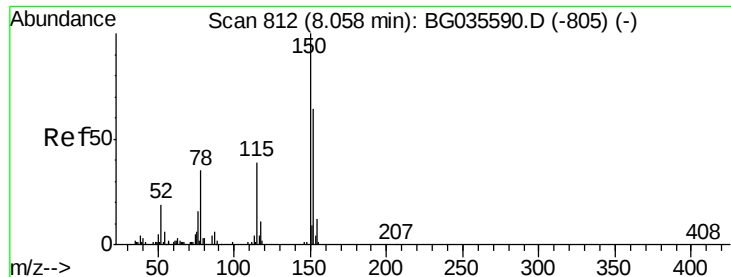
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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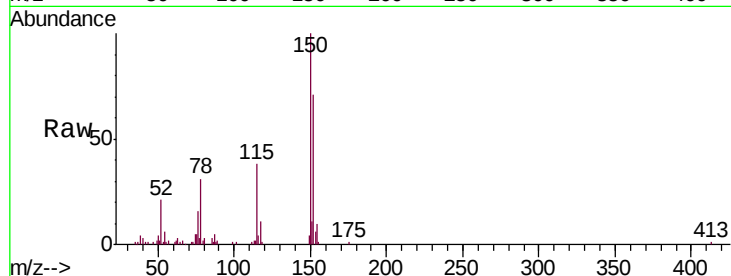


#1

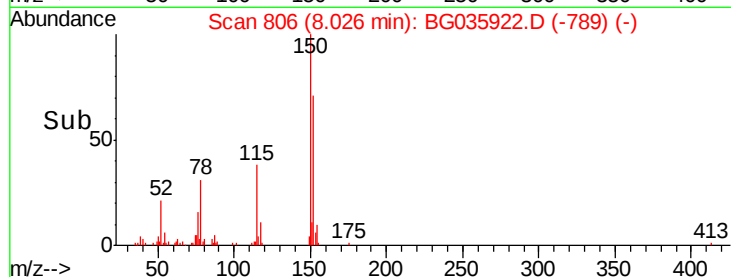
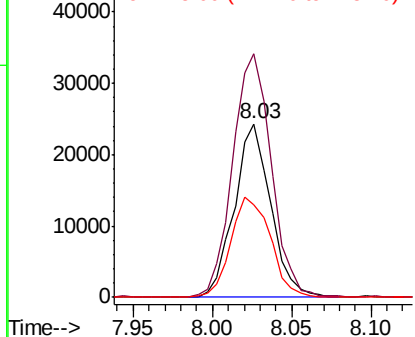
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035922.D
Acq: 26 Jul 2018 23:45

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 38694
Ion Ratio Lower Upper
152 100
150 140.2 126.6 189.8
115 53.6 53.0 79.4



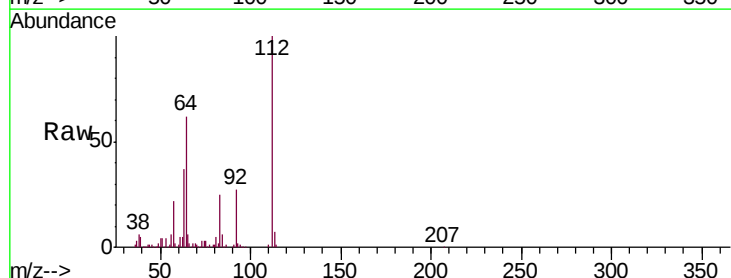
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



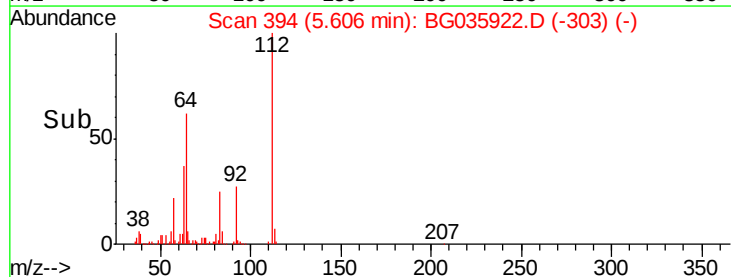
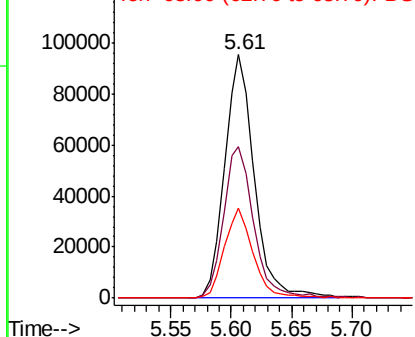
#5

2-Fluorophenol
Concen: 69.315 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035922.D
Acq: 26 Jul 2018 23:45

Tgt Ion:112 Resp: 161548
Ion Ratio Lower Upper
112 100
64 62.3 56.3 84.5
63 36.7 30.1 45.1



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: 49.787 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

Instrument :

BNA_G

ClientSampleId :

MW-16

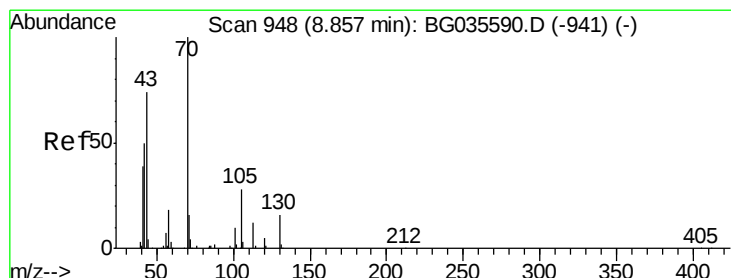
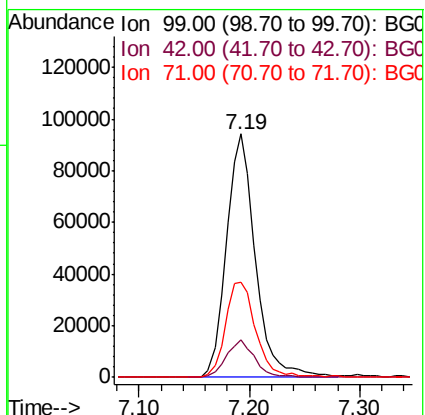
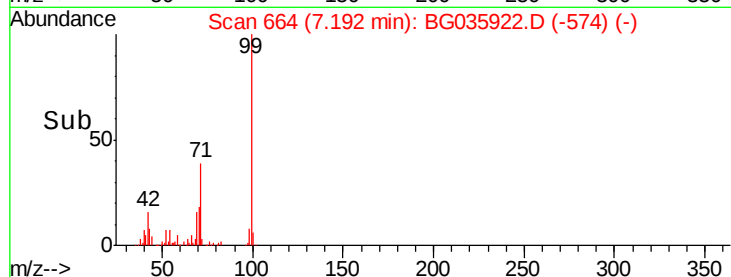
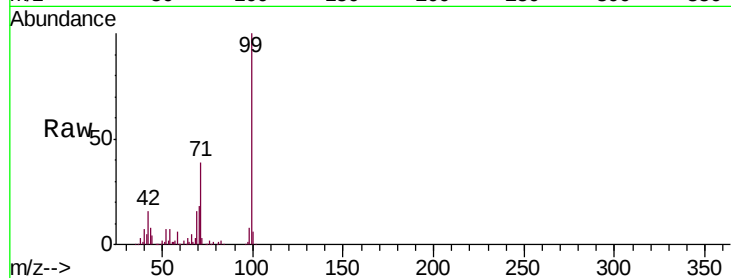
Tgt Ion: 99 Resp: 173125

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 38.9 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.287 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

Tgt Ion: 70 Resp: 41836

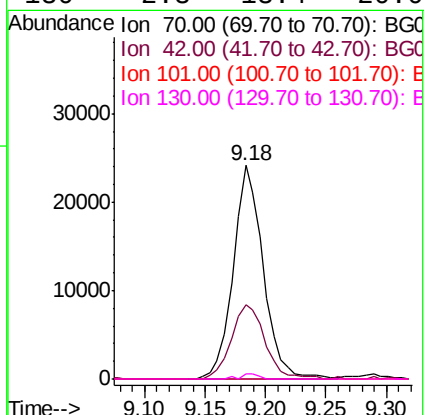
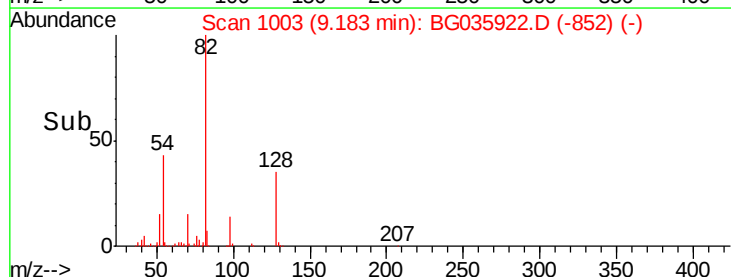
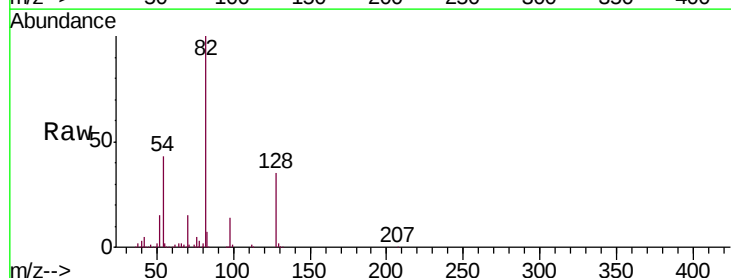
Ion Ratio Lower Upper

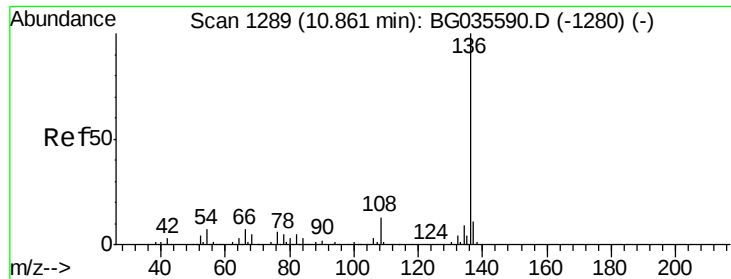
70 100

42 34.8 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

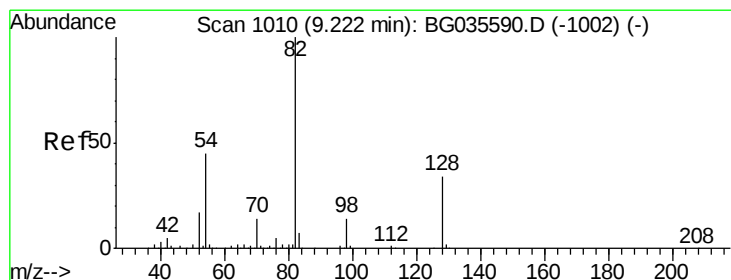
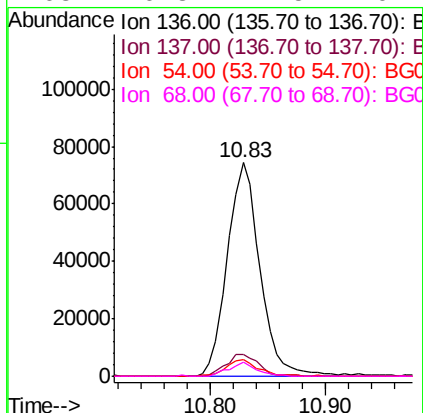
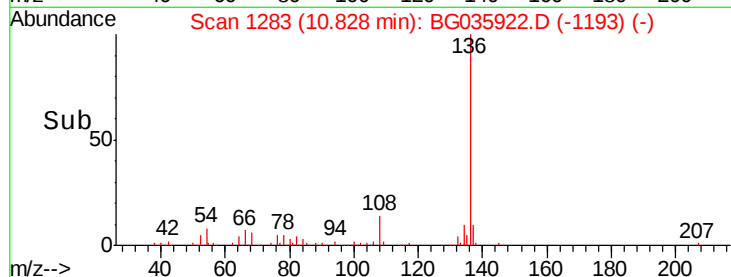
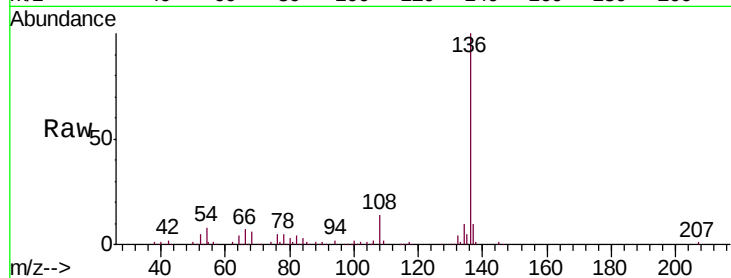




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035922.D
Acq: 26 Jul 2018 23:45

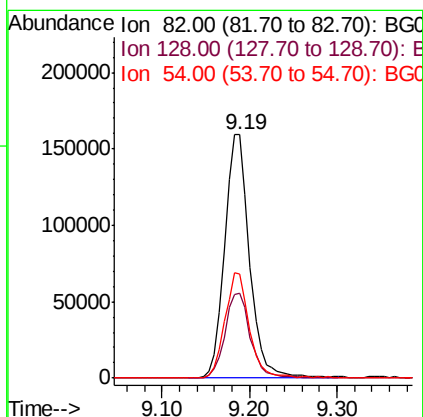
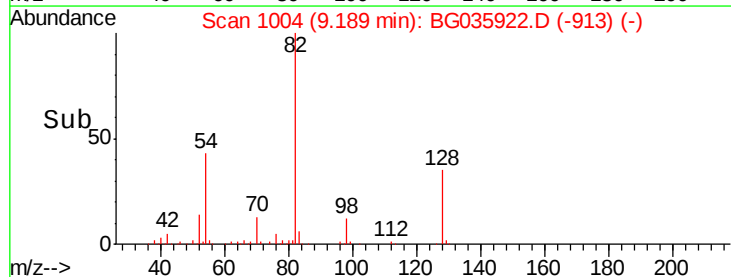
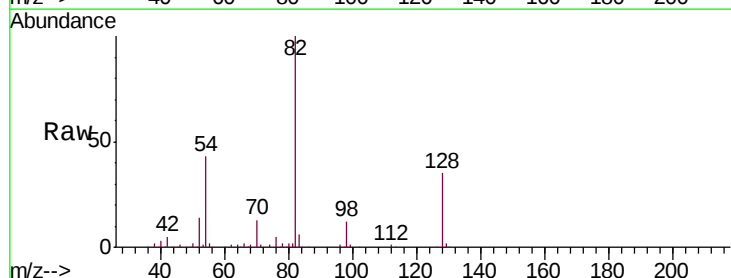
Instrument :
BNA_G
ClientSampled :
MW-16

Tgt Ion:	136	Resp:	145525
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	8.1	10.3	15.5#
68	6.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 89.459 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG035922.D
Acq: 26 Jul 2018 23:45

Tgt Ion:	82	Resp:	311638
Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	42.6	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

Instrument :

BNA_G

ClientSampleId :

MW-16

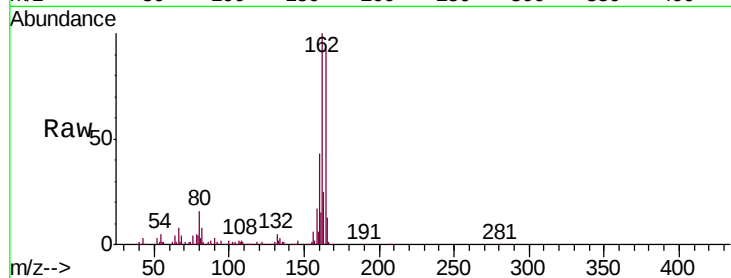
Tgt Ion:164 Resp: 108122

Ion Ratio Lower Upper

164 100

162 108.2 78.8 118.2

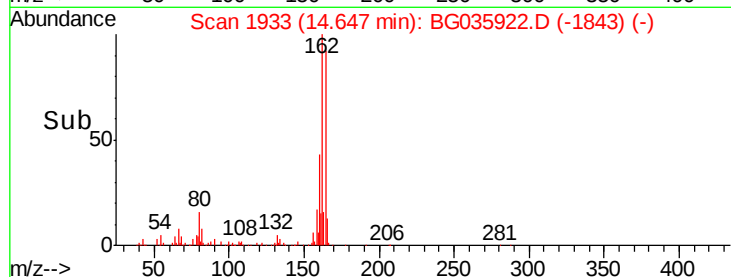
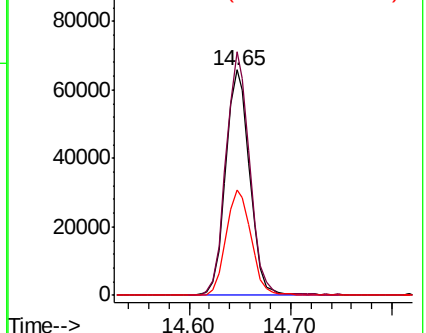
160 47.0 35.4 53.0



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: 158.539 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

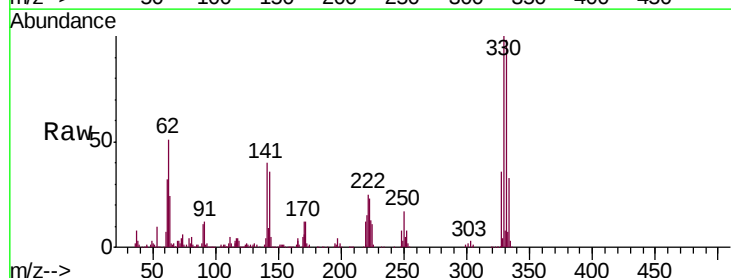
Tgt Ion:330 Resp: 225937

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

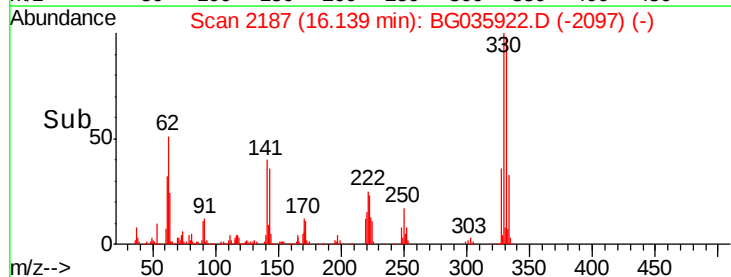
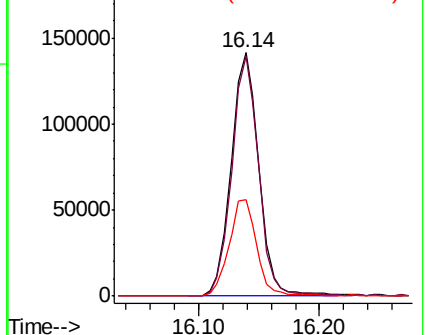
141 39.9 25.2 37.8#

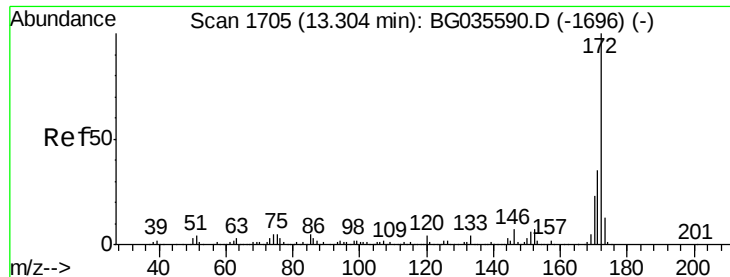


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

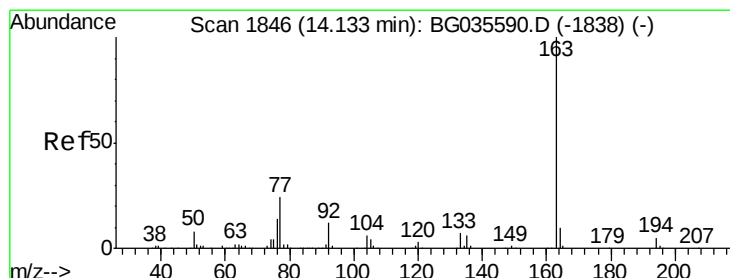
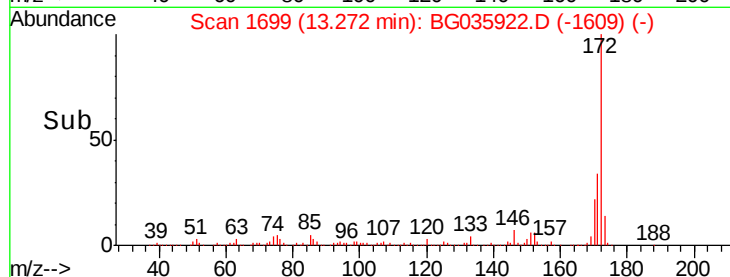
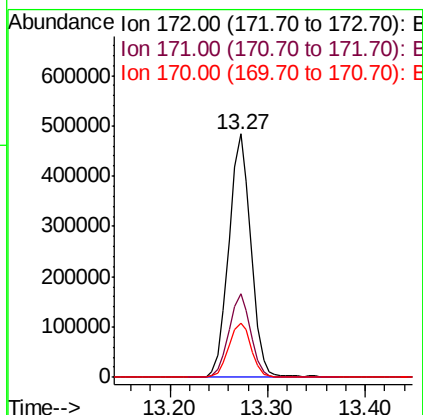
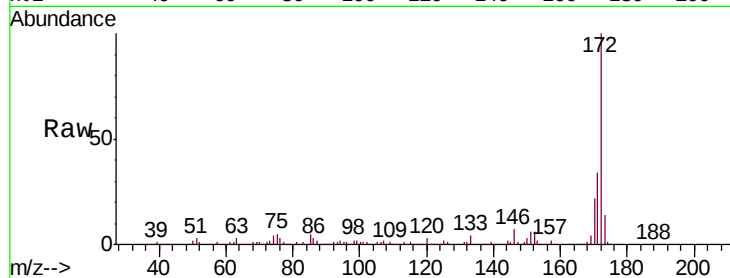




#44
2-Fluorobiphenyl
Concen: 94.228 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG035922.D
Acq: 26 Jul 2018 23:45

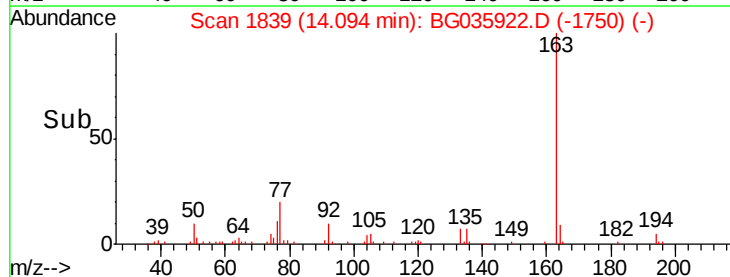
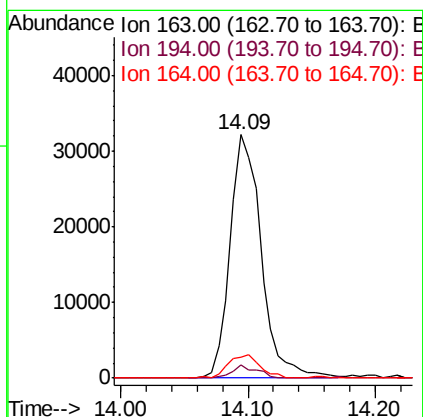
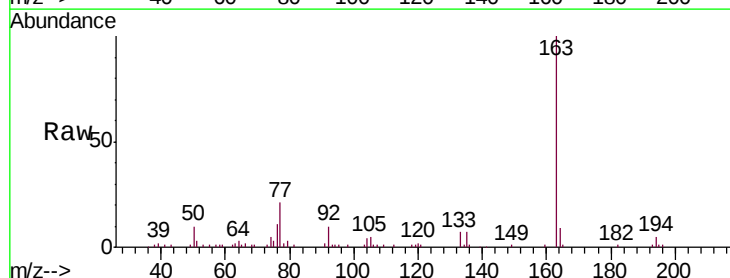
Instrument :
BNA_G
ClientSampleId :
MW-16

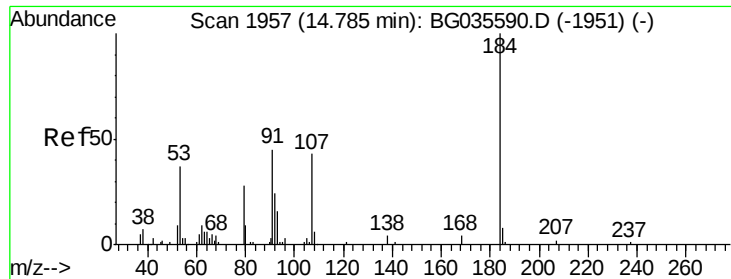
Tgt Ion:172 Resp: 760452
Ion Ratio Lower Upper
172 100
171 34.3 30.0 45.0
170 22.4 19.5 29.3



#49
Dimethylphthalate
Concen: 5.765 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG035922.D
Acq: 26 Jul 2018 23:45

Tgt Ion:163 Resp: 54610
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 8.5 8.2 12.4

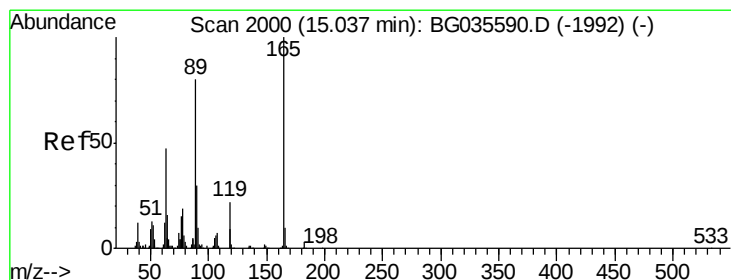
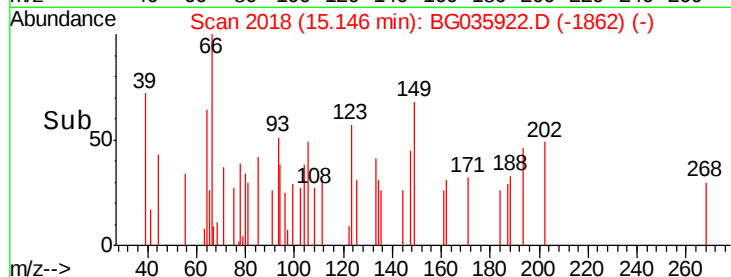
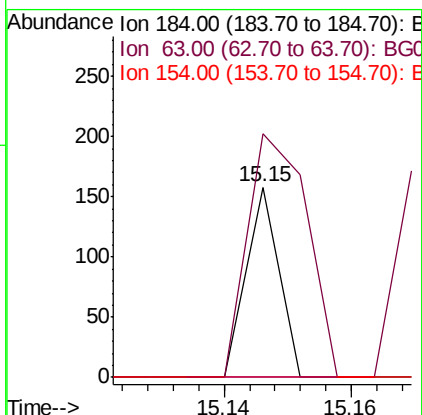
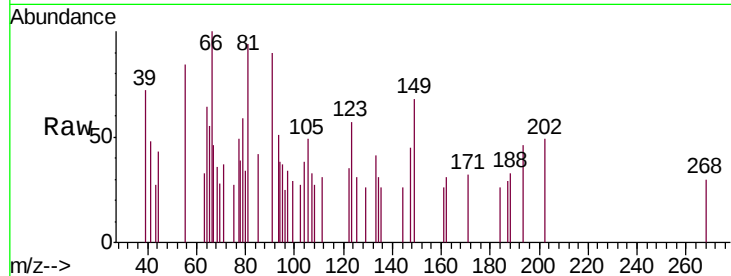




#53
2,4-Dinitrophenol
Concen: 6.634 ng
RT: 15.15 min Scan# 2018
Delta R.T. 0.38 min
Lab File: BG035922.D
Acq: 26 Jul 2018 23:45

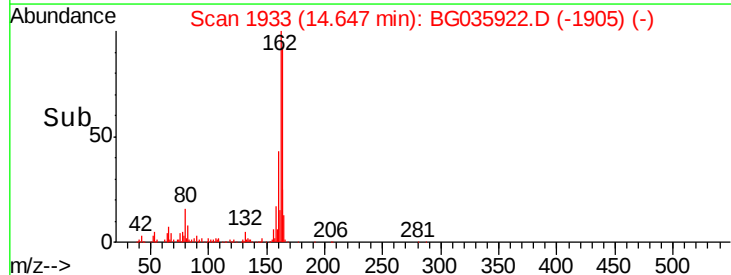
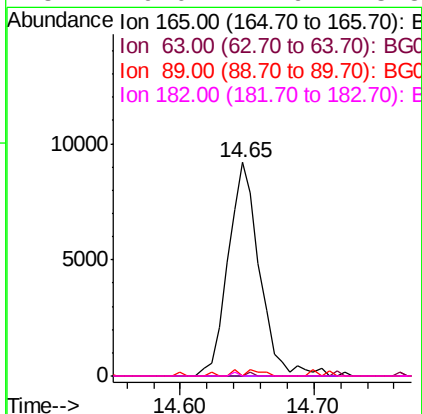
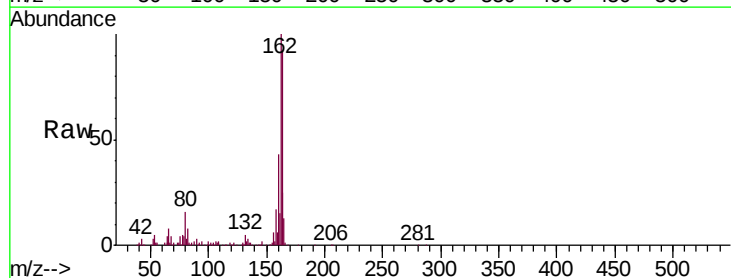
Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 127.8 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.452 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG035922.D
Acq: 26 Jul 2018 23:45

Tgt Ion:165 Resp: 15088
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

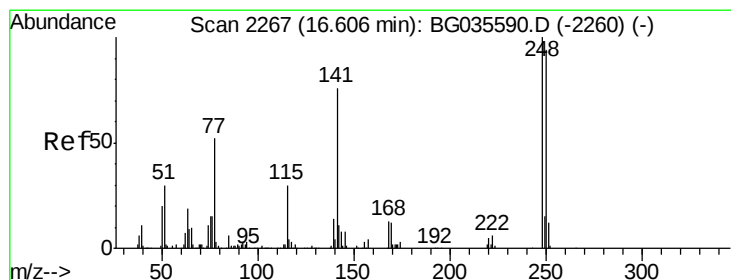
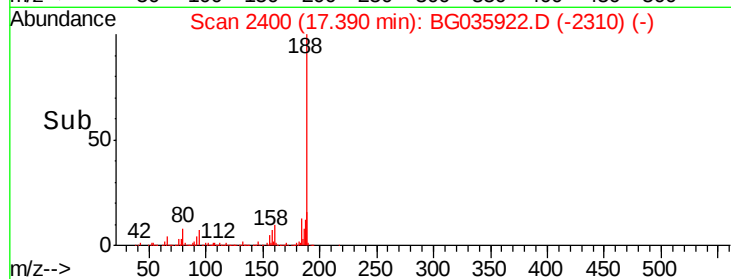
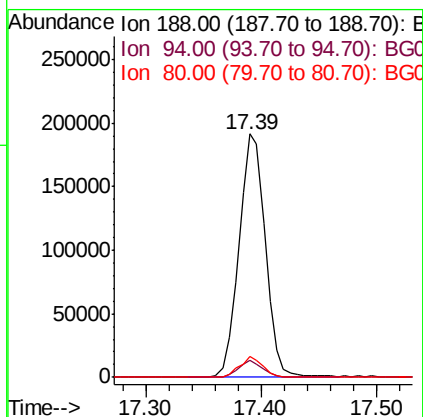
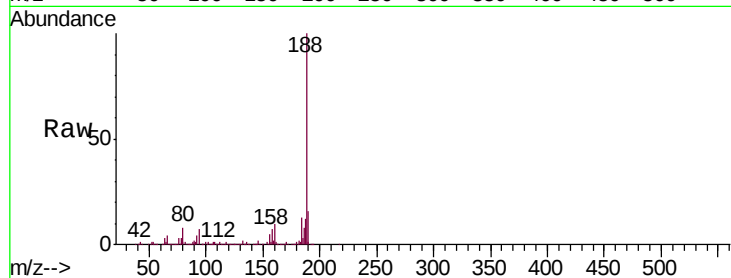




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG035922.D
Acq: 26 Jul 2018 23:45

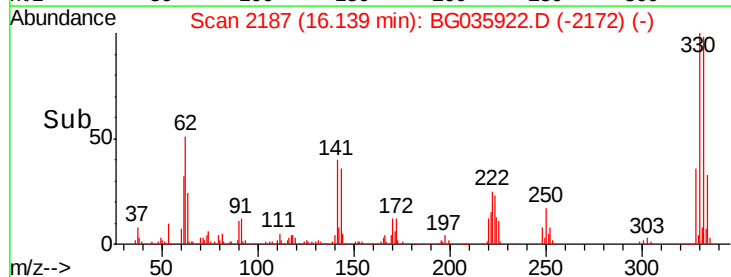
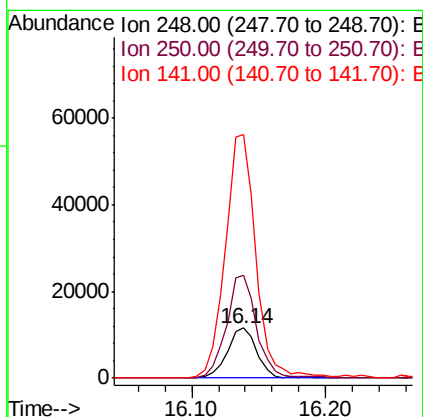
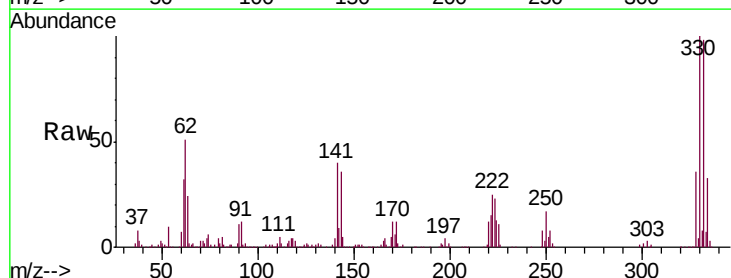
Instrument :
BNA_G
ClientSampleId :
MW-16

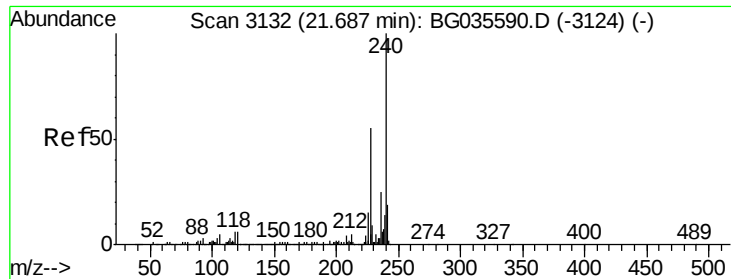
Tgt Ion:188 Resp: 301823
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 8.4 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 5.162 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.44 min
Lab File: BG035922.D
Acq: 26 Jul 2018 23:45

Tgt Ion:248 Resp: 18074
Ion Ratio Lower Upper
248 100
250 206.8 77.1 115.7#
141 489.0 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

Instrument :

BNA_G

ClientSampleId :

MW-16

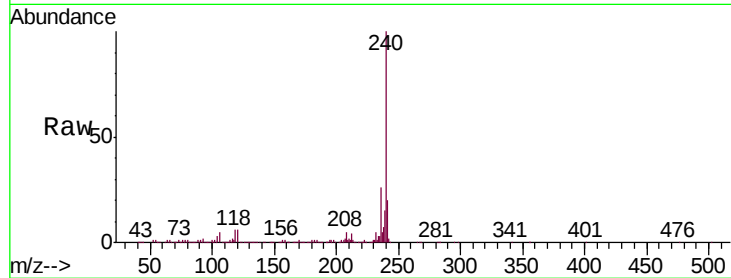
Tgt Ion:240 Resp: 328424

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

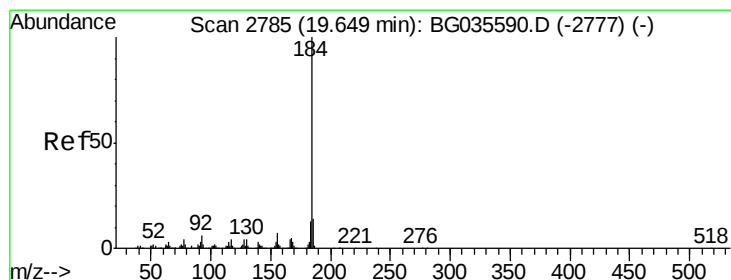
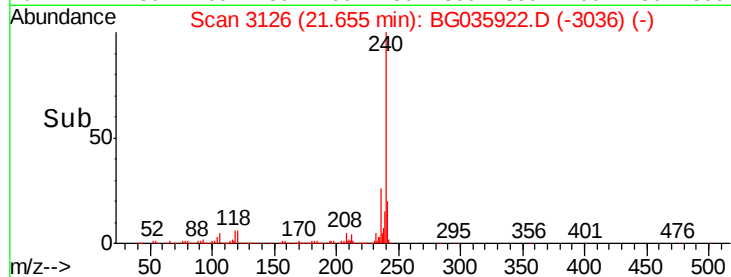
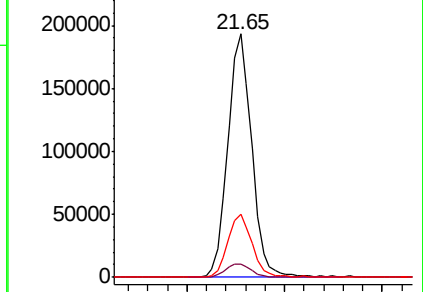
236 26.1 20.9 31.3



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



#76

Benzidine

Concen: 2.795 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG035922.D

Acq: 26 Jul 2018 23:45

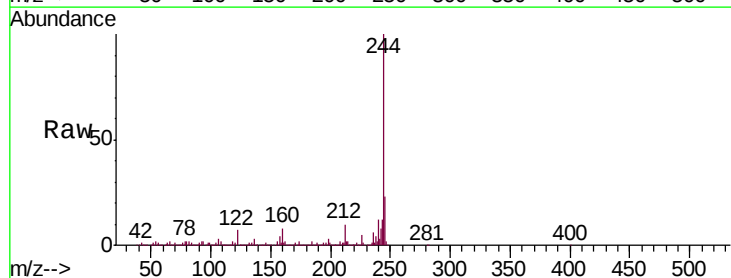
Tgt Ion:184 Resp: 24136

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

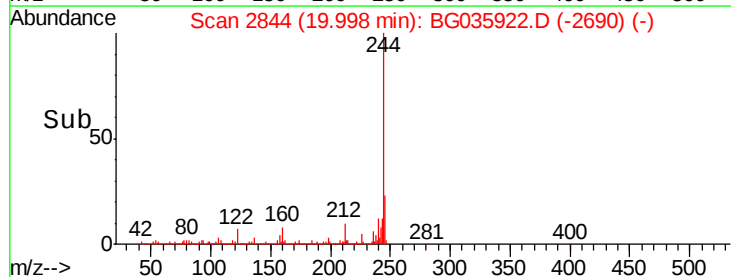
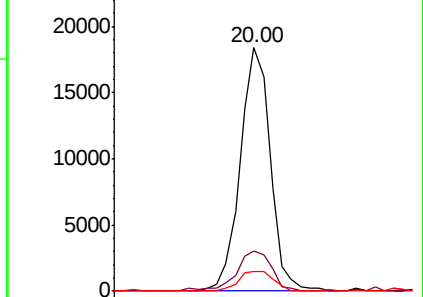
183 8.2 10.6 16.0#

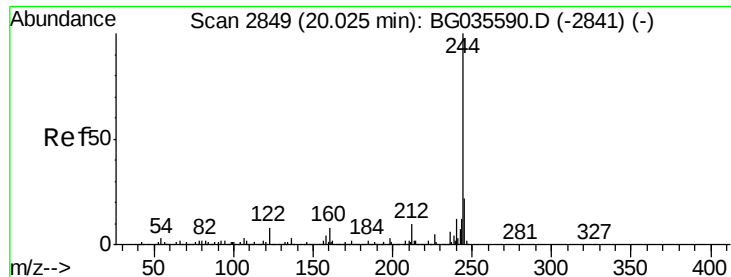


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

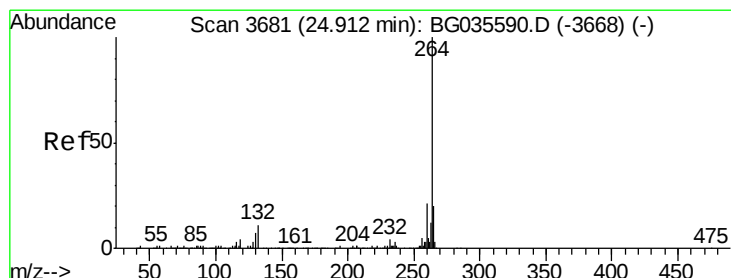
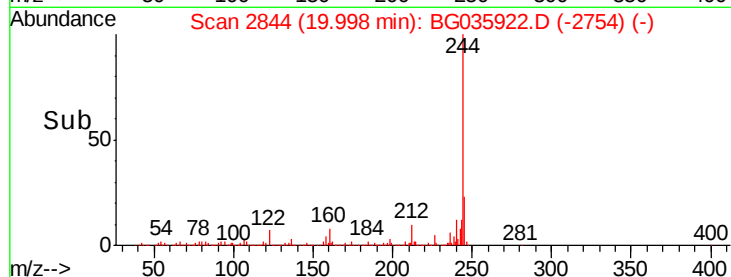
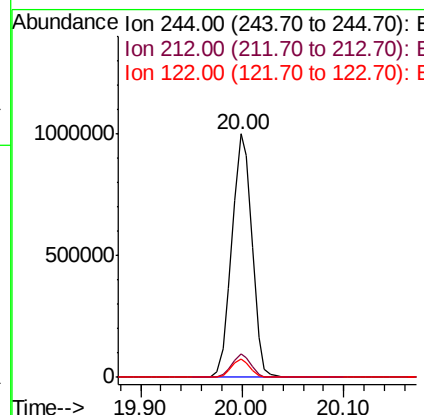
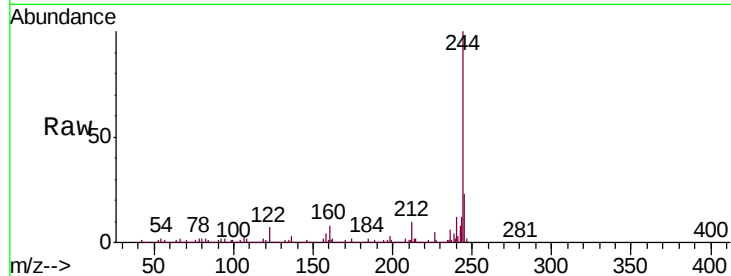




#78
 Terphenyl-d14
 Concen: 92.856 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BG035922.D
 Acq: 26 Jul 2018 23:45

Instrument :
 BNA_G
 ClientSampleId :
 MW-16

Tgt Ion:244 Resp: 1383487
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.8 8.8#
 122 7.5 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG035922.D
 Acq: 26 Jul 2018 23:45

Tgt Ion:264 Resp: 311446
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.4 26.0
 265 20.0 17.7 26.5

