

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038657.D
 Acq On : 17 Dec 2018 11:06
 Operator : JU/SJ
 Sample : J6386-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181212

Quant Time: Dec 18 02:55:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

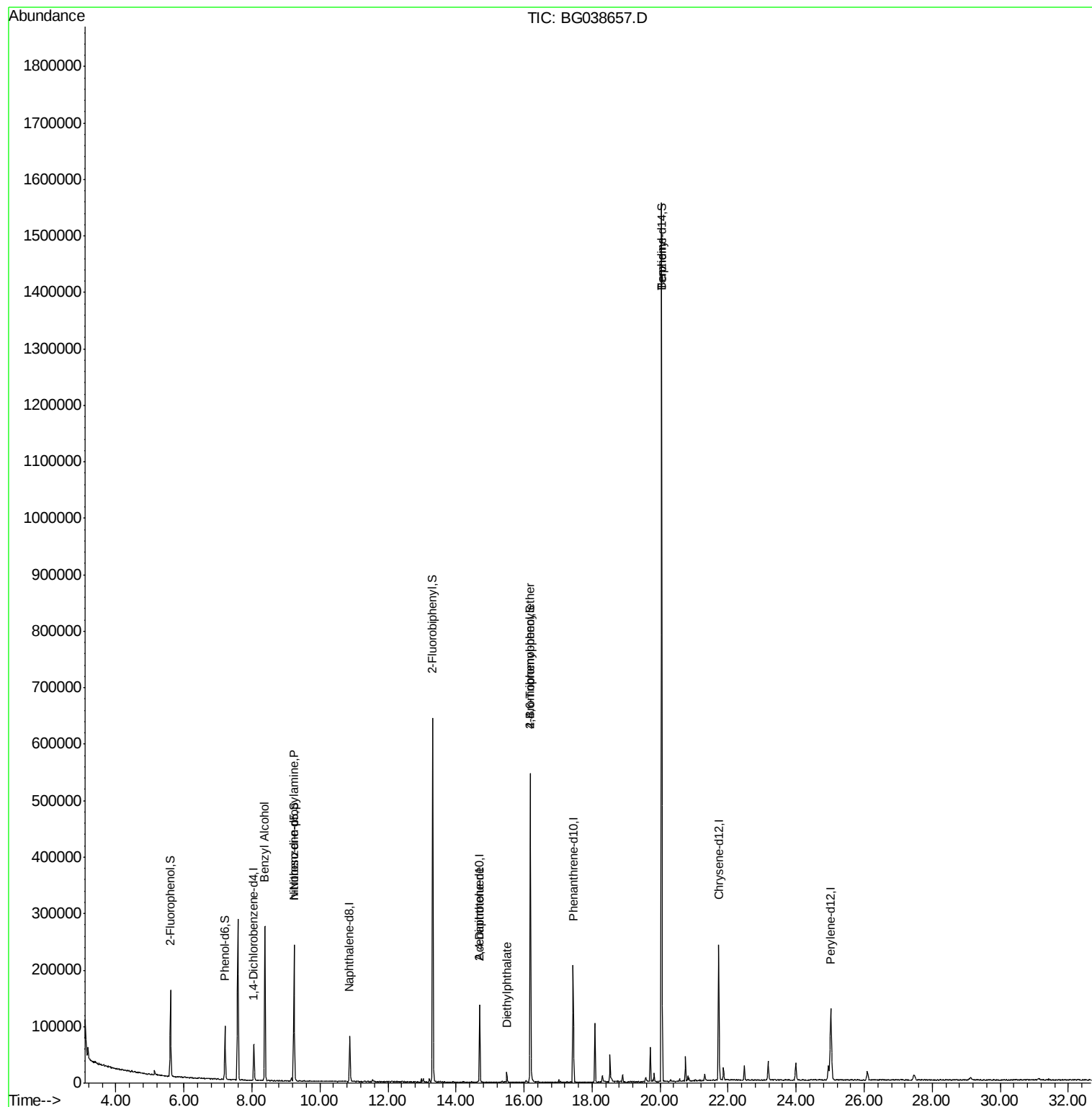
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	18255	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	75399	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	49994	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	136802	20.00	ng	0.00
76) Chrysene-d12	21.72	240	150417	20.00	ng	0.00
87) Perylene-d12	25.02	264	156462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	64429	62.60	ng	0.00
7) Phenol-d6	7.21	99	52522	37.17	ng	0.00
23) Nitrobenzene-d5	9.24	82	144640	98.00	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	106839	155.06	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	347692	95.41	ng	0.00
79) Terphenyl-d14	20.05	244	760508	110.04	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	2234	2.026	ng	# 44
19) n-Nitroso-di-n-propylamine	9.24	70	19343	19.492	ng	# 73
57) 2,4-Dinitrotoluene	14.69	165	6464	4.960	ng	# 21
60) Diethylphthalate	15.49	149	10262	2.290	ng	# 97
67) 4-Bromophenyl-phenylether	16.19	248	6900	4.130	ng	# 1
77) Benzidine	20.05	184	14340	3.224	ng	# 94

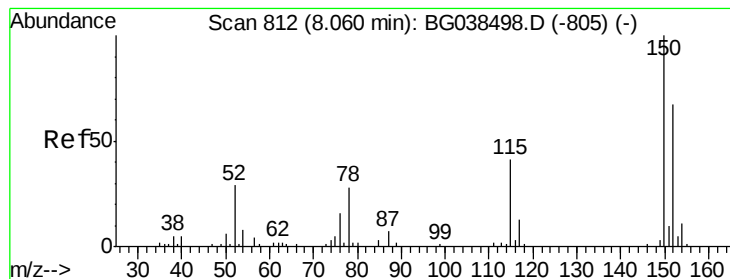
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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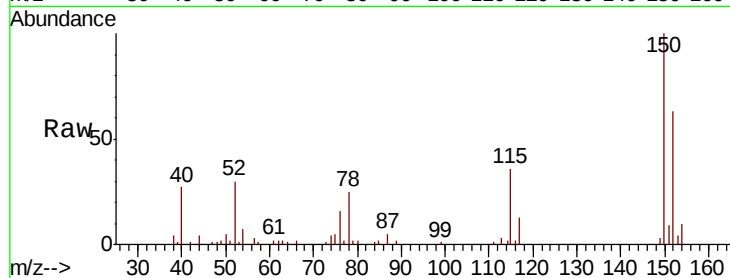




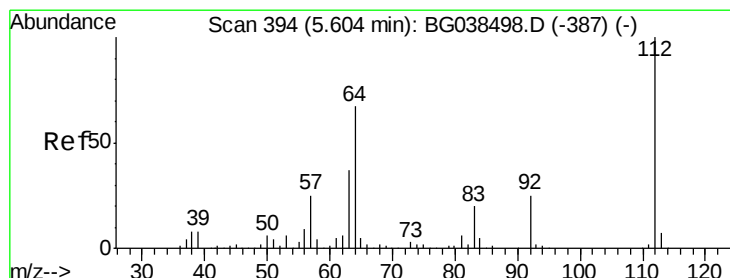
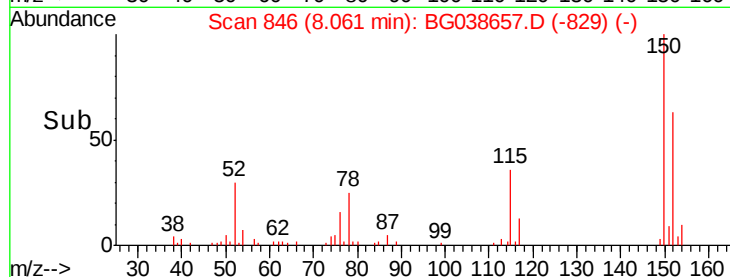
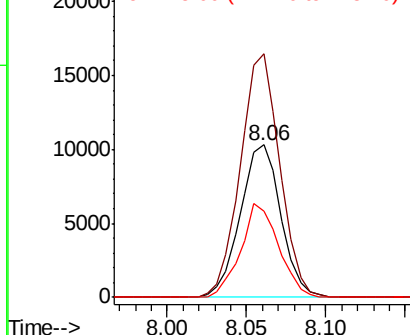
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG038657.D
 Acq: 17 Dec 2018 11:06

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181212

Tgt Ion:152 Resp: 18255
 Ion Ratio Lower Upper
 152 100
 150 159.6 119.5 179.3
 115 56.7 49.6 74.4

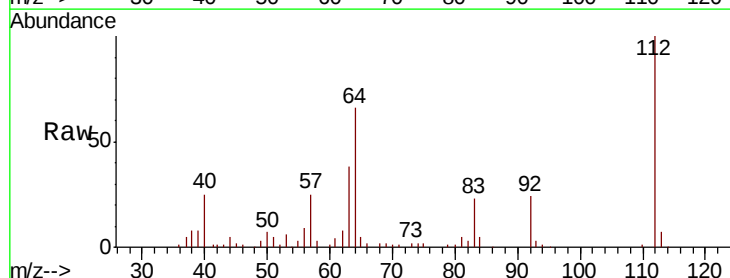


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

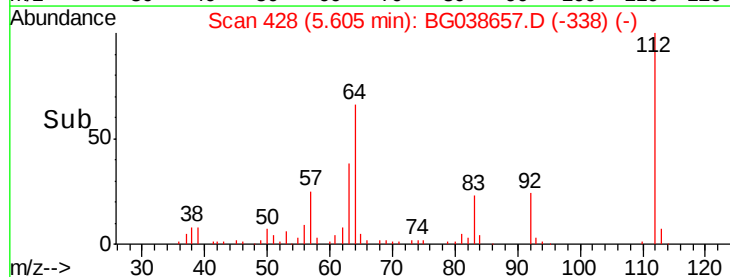
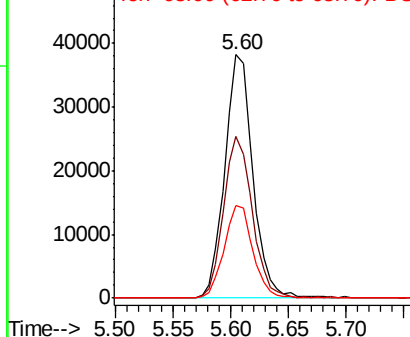


#5
 2-Fluorophenol
 Concen: 62.599 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG038657.D
 Acq: 17 Dec 2018 11:06

Tgt Ion:112 Resp: 64429
 Ion Ratio Lower Upper
 112 100
 64 66.3 53.4 80.2
 63 38.2 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 37.172 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038657.D

Acq: 17 Dec 2018 11:06

Instrument :

BNA_G

ClientSampleId :

P001-RB-181212

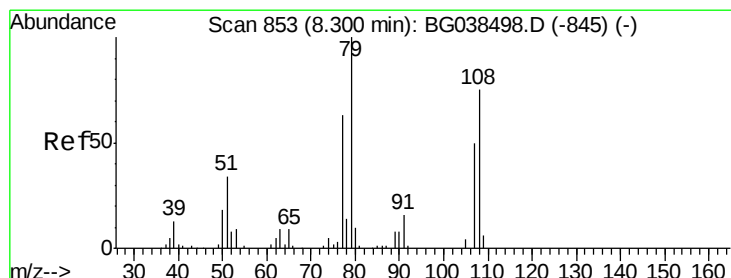
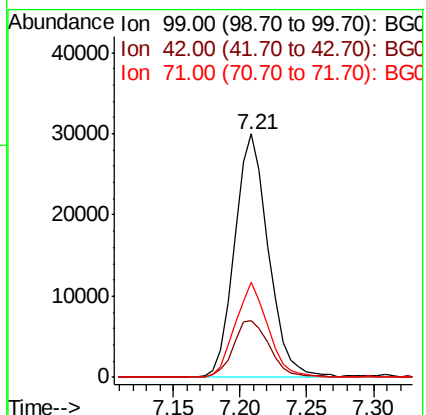
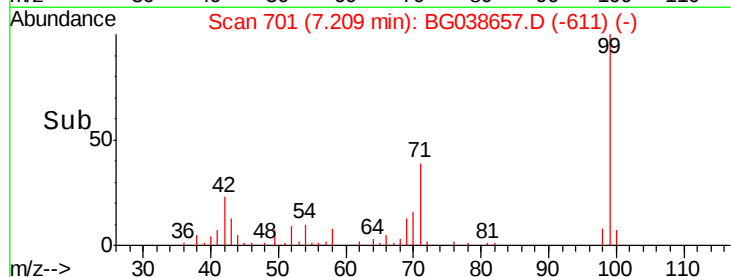
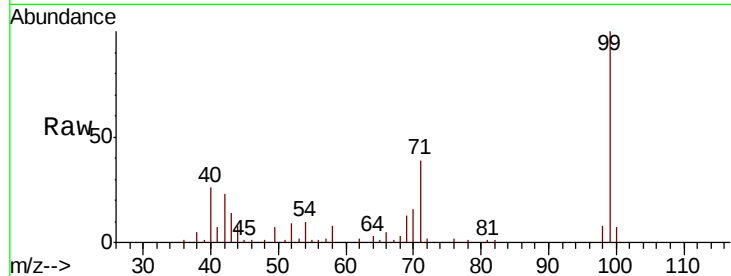
Tgt Ion: 99 Resp: 52522

Ion Ratio Lower Upper

99 100

42 23.5 18.5 27.7

71 39.1 31.1 46.7



#15

Benzyl Alcohol

Concen: 2.026 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.08 min

Lab File: BG038657.D

Acq: 17 Dec 2018 11:06

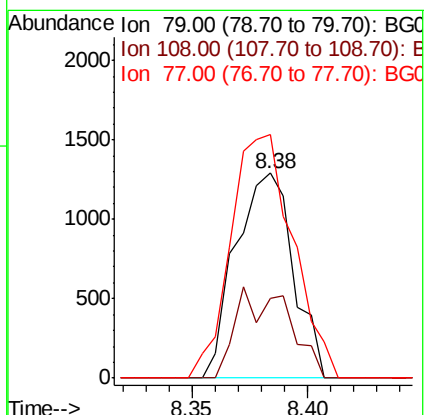
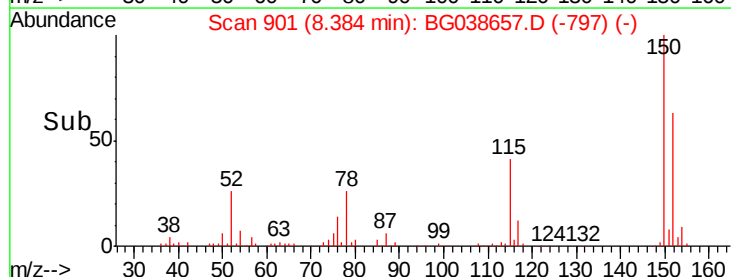
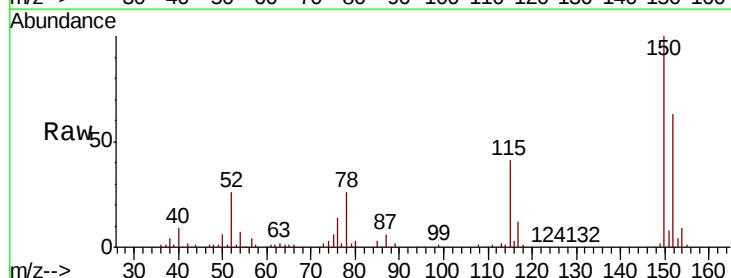
Tgt Ion: 79 Resp: 2234

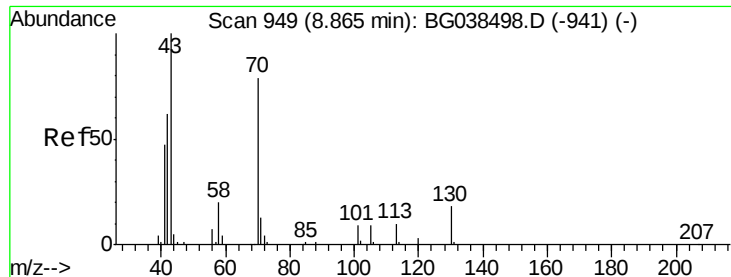
Ion Ratio Lower Upper

79 100

108 39.0 60.2 90.4#

77 119.0 50.7 76.1#

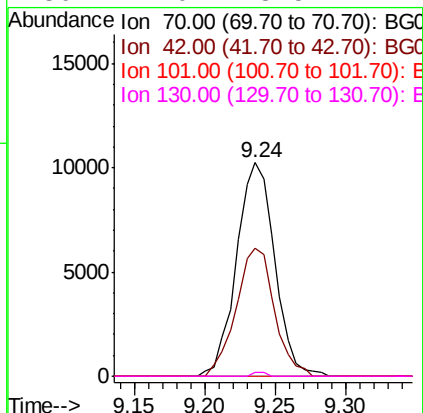
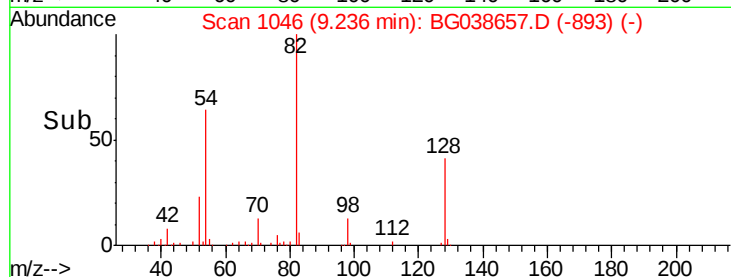
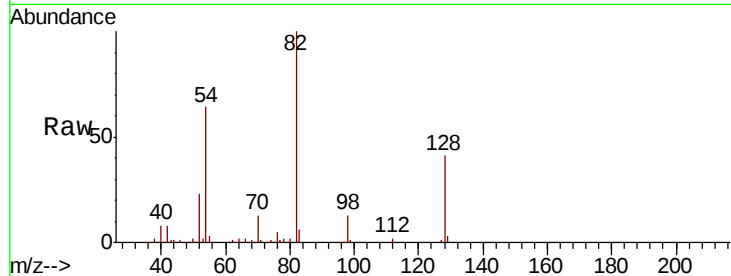




#19
n-Nitroso-di-n-propylamine
Concen: 19.492 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

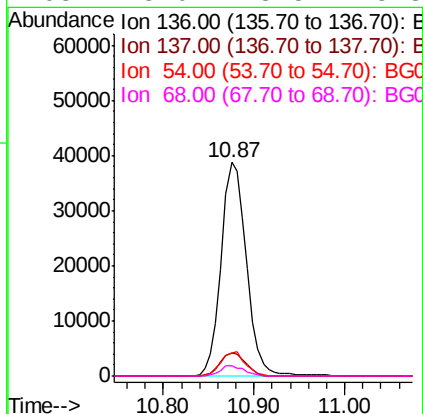
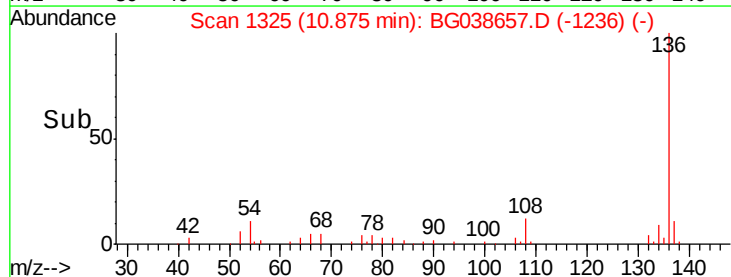
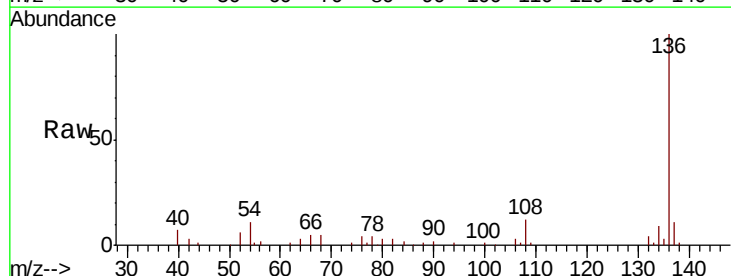
Instrument :
BNA_G
ClientSampleId :
P001-RB-181212

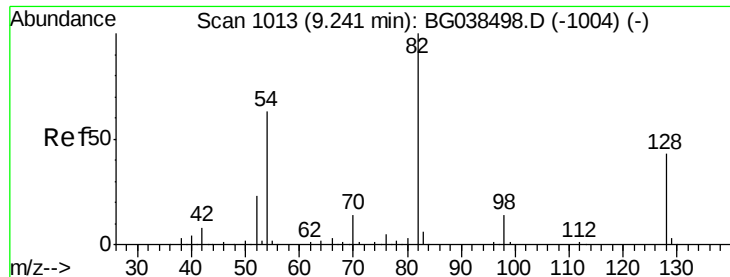
Tgt Ion: 70 Resp: 19343
Ion Ratio Lower Upper
70 100
42 60.0 63.6 95.4#
101 0.0 9.2 13.8#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Tgt Ion: 136 Resp: 75399
Ion Ratio Lower Upper
136 100
137 11.0 9.3 13.9
54 10.7 8.5 12.7
68 5.0 3.5 5.3

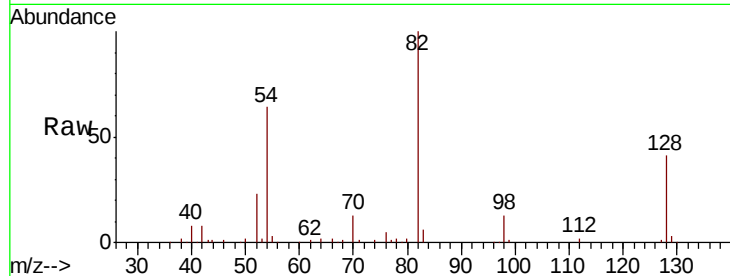




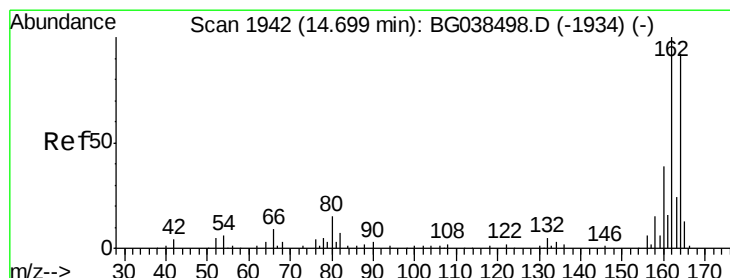
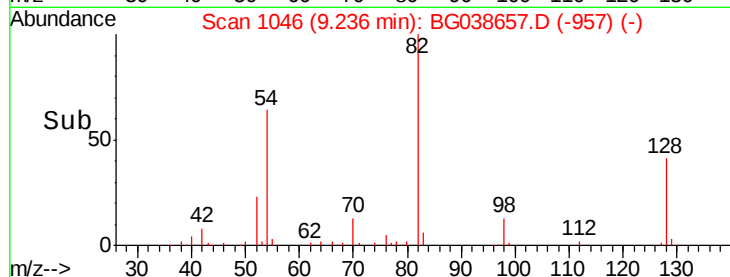
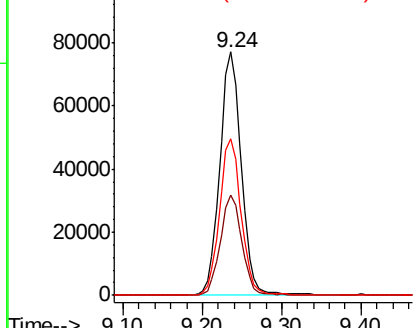
#23
 Nitrobenzene-d5
 Concen: 98.002 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038657.D
 Acq: 17 Dec 2018 11:06

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181212

Tgt Ion: 82 Resp: 144640
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 64.3 50.6 76.0

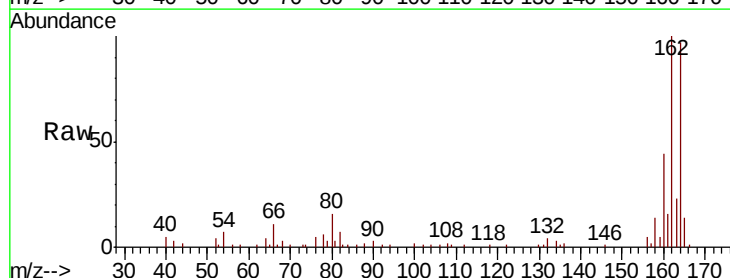


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

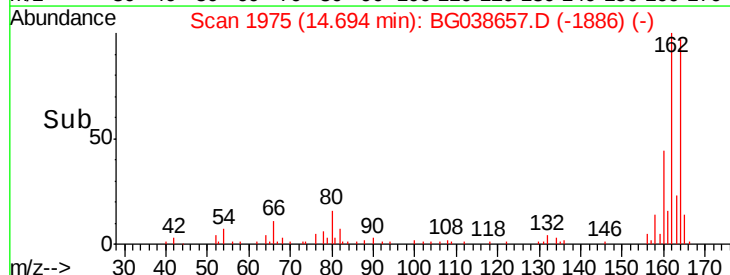
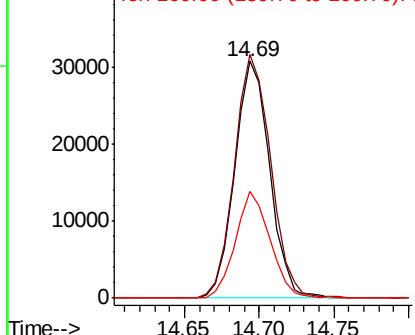


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038657.D
 Acq: 17 Dec 2018 11:06

Tgt Ion: 164 Resp: 49994
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.6 130.0
 160 45.1 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

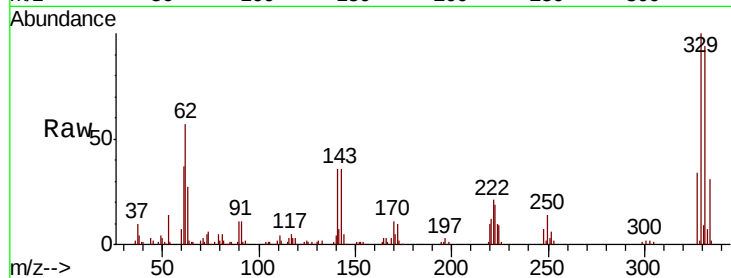




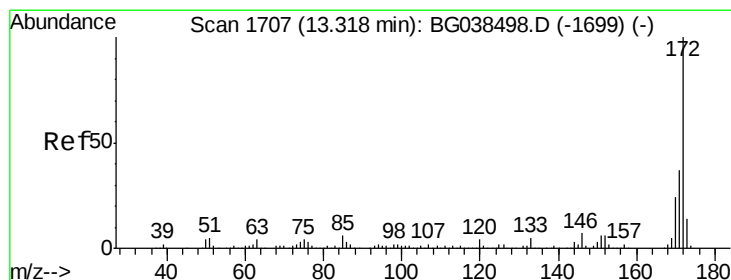
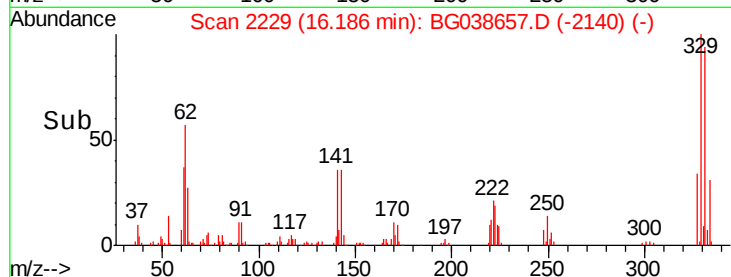
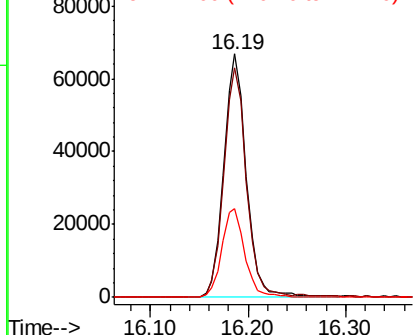
#42
 2,4,6-Tribromophenol
 Concen: 155.062 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038657.D
 Acq: 17 Dec 2018 11:06

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181212

Tgt Ion:330 Resp: 106839
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.9 115.3
 141 37.2 28.8 43.2

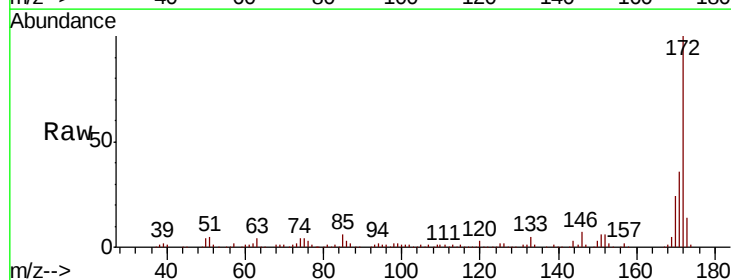


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

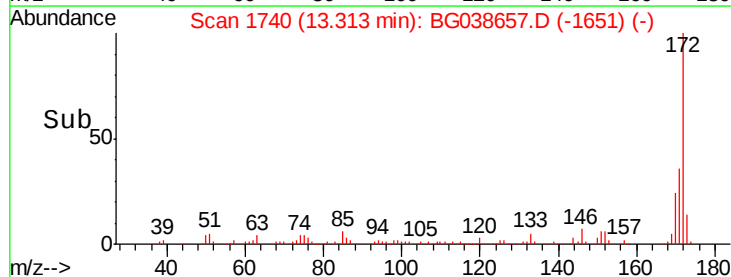
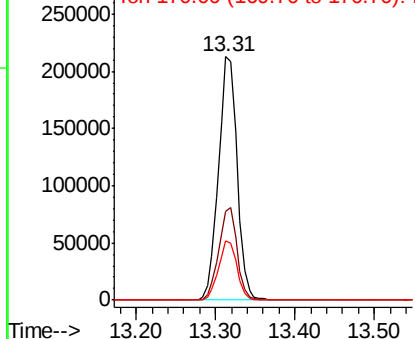


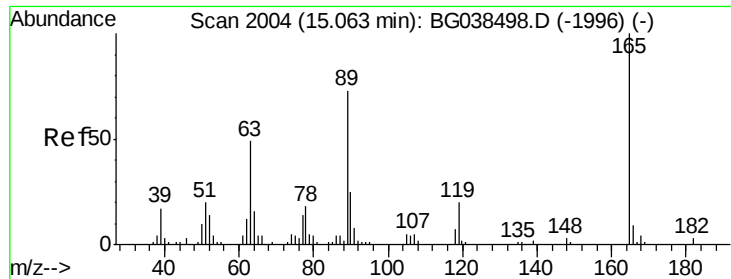
#45
 2-Fluorobiphenyl
 Concen: 95.408 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038657.D
 Acq: 17 Dec 2018 11:06

Tgt Ion:172 Resp: 347692
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.8 44.6
 170 24.2 19.5 29.3



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

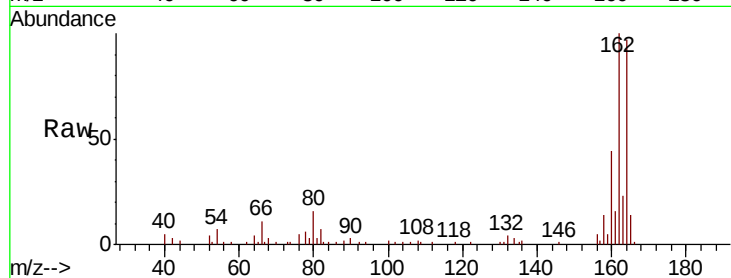




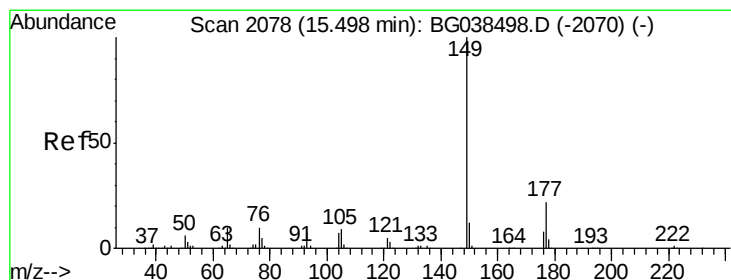
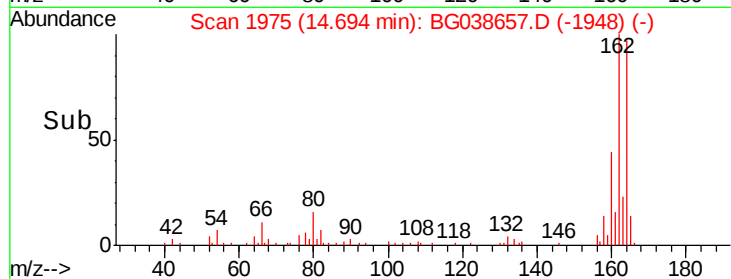
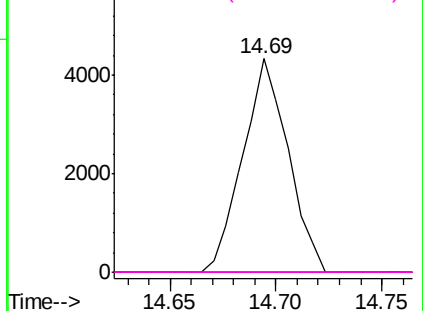
#57
2,4-Dinitrotoluene
Concen: 4.960 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

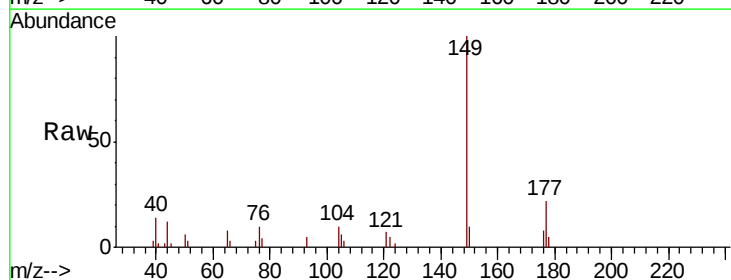


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

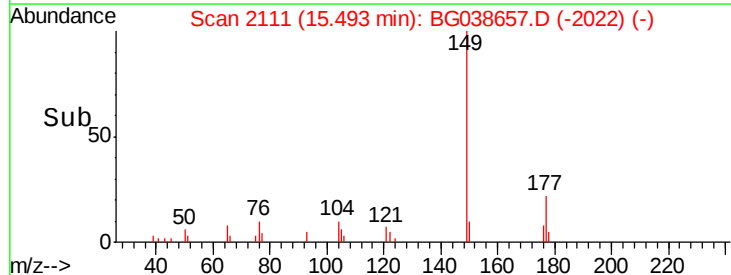
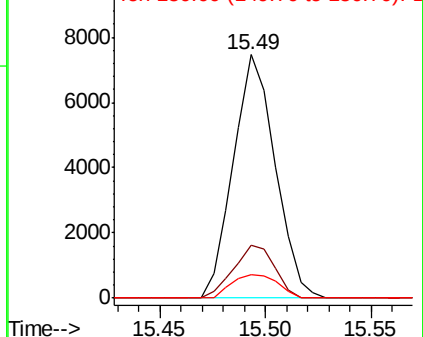


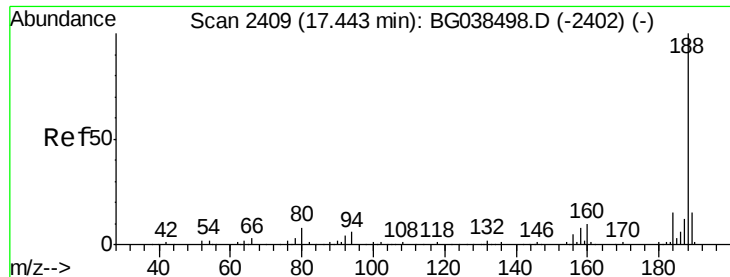
#60
Diethylphthalate
Concen: 2.290 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG038657.D
Acq: 17 Dec 2018 11:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.7	26.5
150	9.8	9.9	14.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038657.D

Acq: 17 Dec 2018 11:06

Instrument :

BNA_G

ClientSampleId :

P001-RB-181212

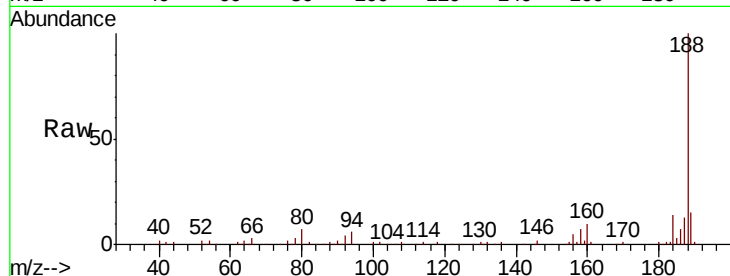
Tgt Ion:188 Resp: 136802

Ion Ratio Lower Upper

188 100

94 6.3 5.1 7.7

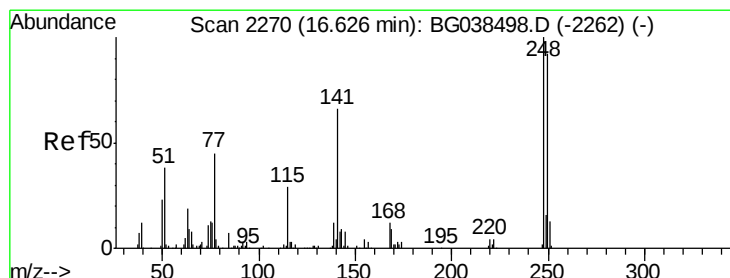
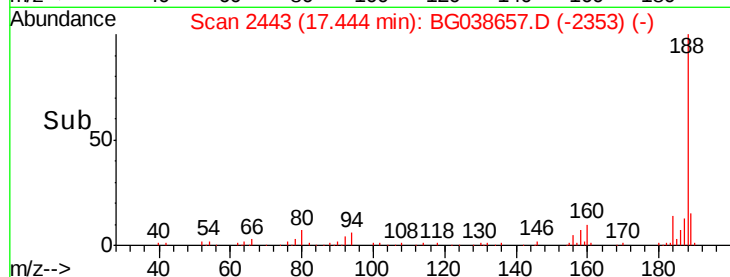
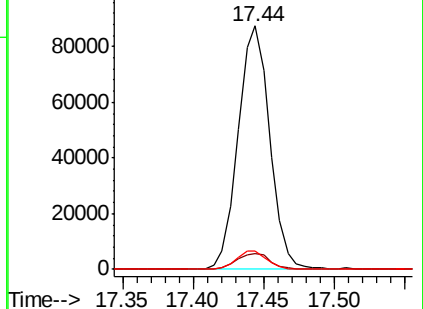
80 7.3 6.1 9.1



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



#67

4-Bromophenyl-phenylether

Concen: 4.130 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.44 min

Lab File: BG038657.D

Acq: 17 Dec 2018 11:06

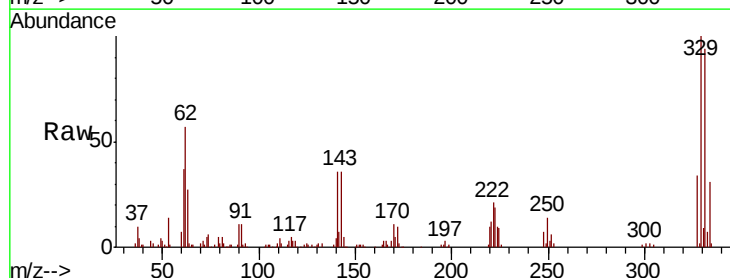
Tgt Ion:248 Resp: 6900

Ion Ratio Lower Upper

248 100

250 188.8 73.4 110.2#

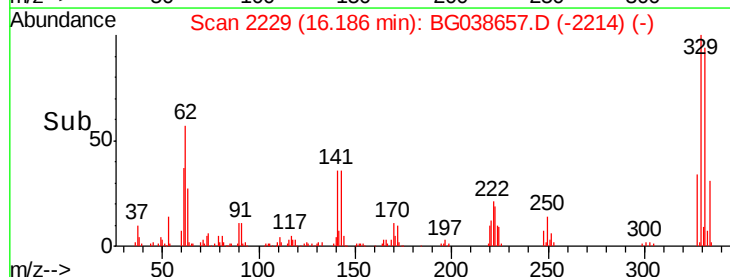
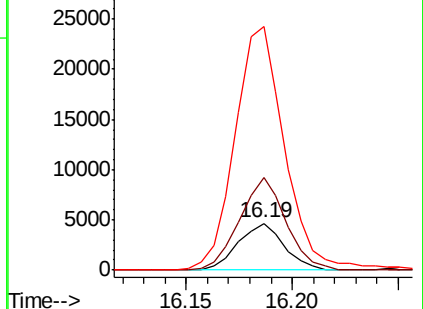
141 397.4 52.9 79.3#

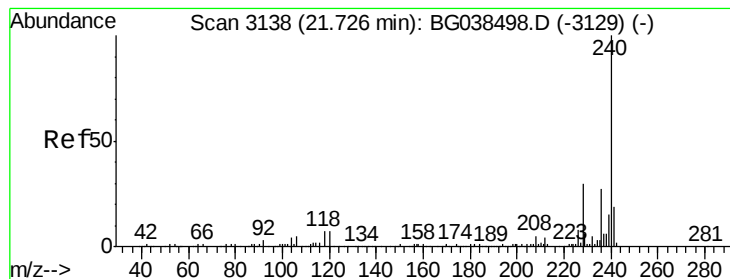


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG038657.D

Acq: 17 Dec 2018 11:06

Instrument :

BNA_G

ClientSampleId :

P001-RB-181212

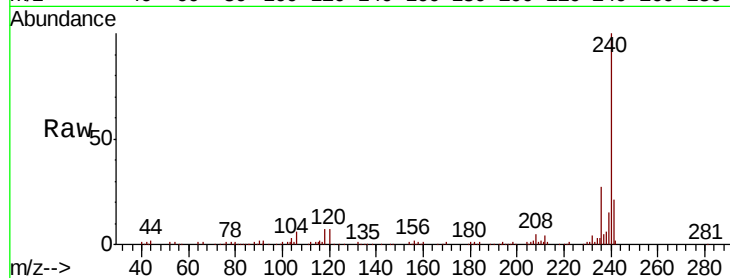
Tgt Ion:240 Resp: 150417

Ion Ratio Lower Upper

240 100

120 7.3 5.3 7.9

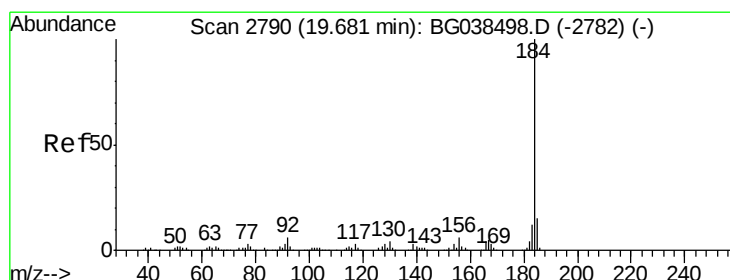
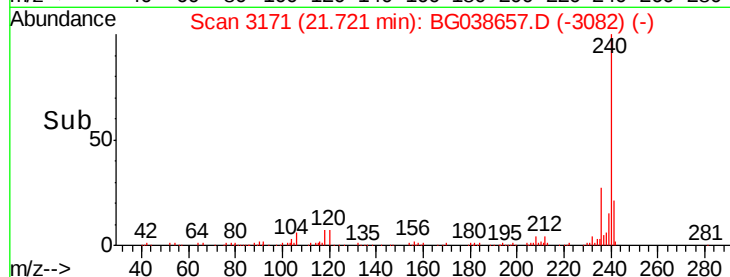
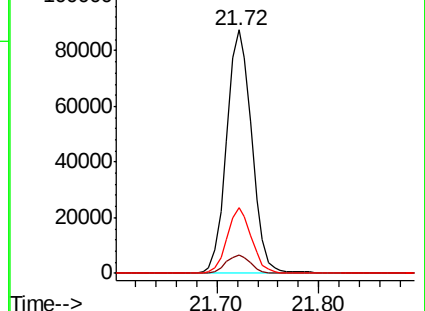
236 27.0 21.4 32.2



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



#77

Benzidine

Concen: 3.224 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.37 min

Lab File: BG038657.D

Acq: 17 Dec 2018 11:06

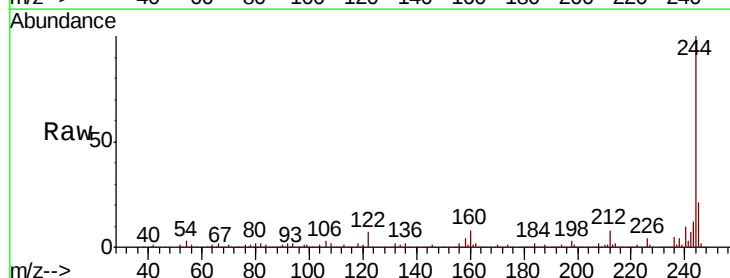
Tgt Ion:184 Resp: 14340

Ion Ratio Lower Upper

184 100

185 16.9 12.2 18.2

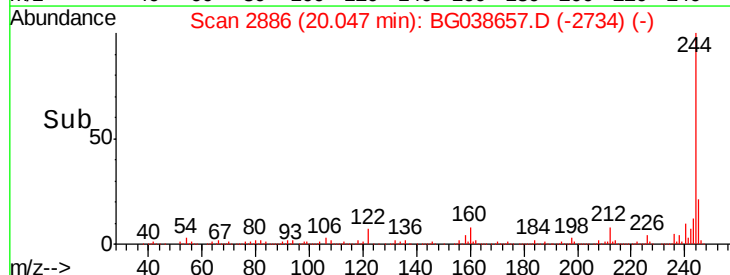
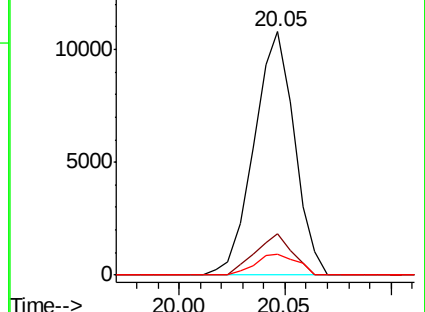
183 8.8 9.6 14.4#

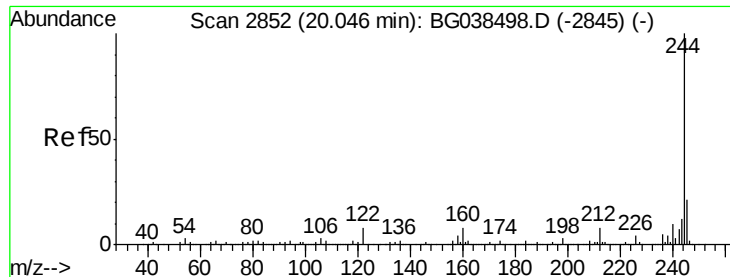


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 110.035 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038657.D

Acq: 17 Dec 2018 11:06

Instrument :

BNA_G

ClientSampleId :

P001-RB-181212

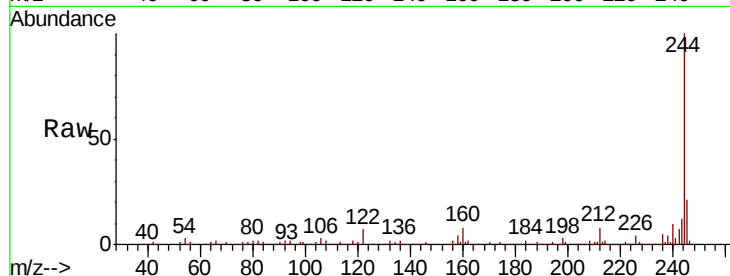
Tgt Ion:244 Resp: 760508

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

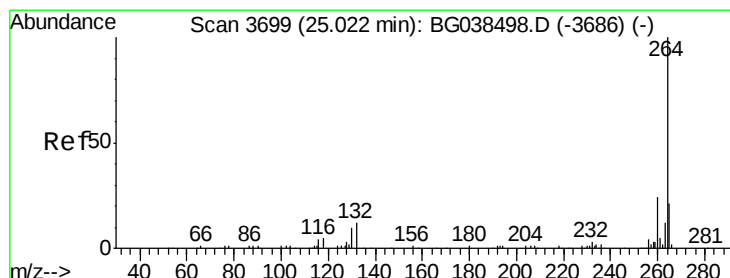
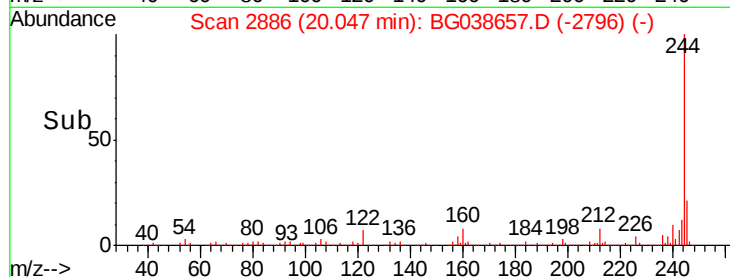
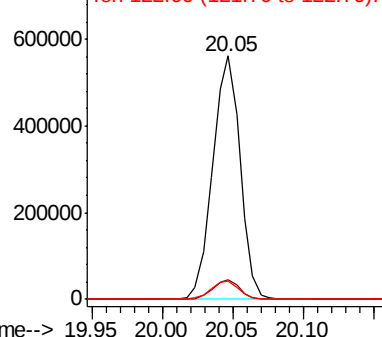
122 7.4 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038657.D

Acq: 17 Dec 2018 11:06

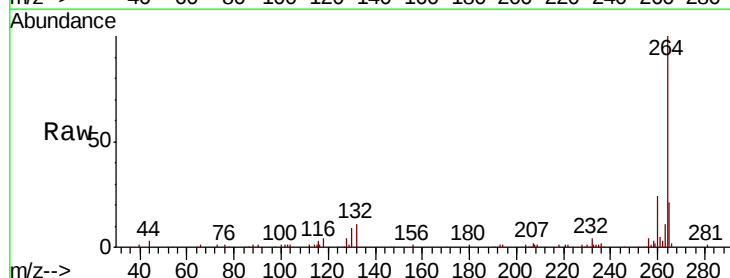
Tgt Ion:264 Resp: 156462

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 20.7 17.0 25.4



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

