

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121818\
 Data File : BG038705.D
 Acq On : 18 Dec 2018 21:57
 Operator : JU/SJ
 Sample : J6398-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-11-121118

Quant Time: Dec 19 07:01:02 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

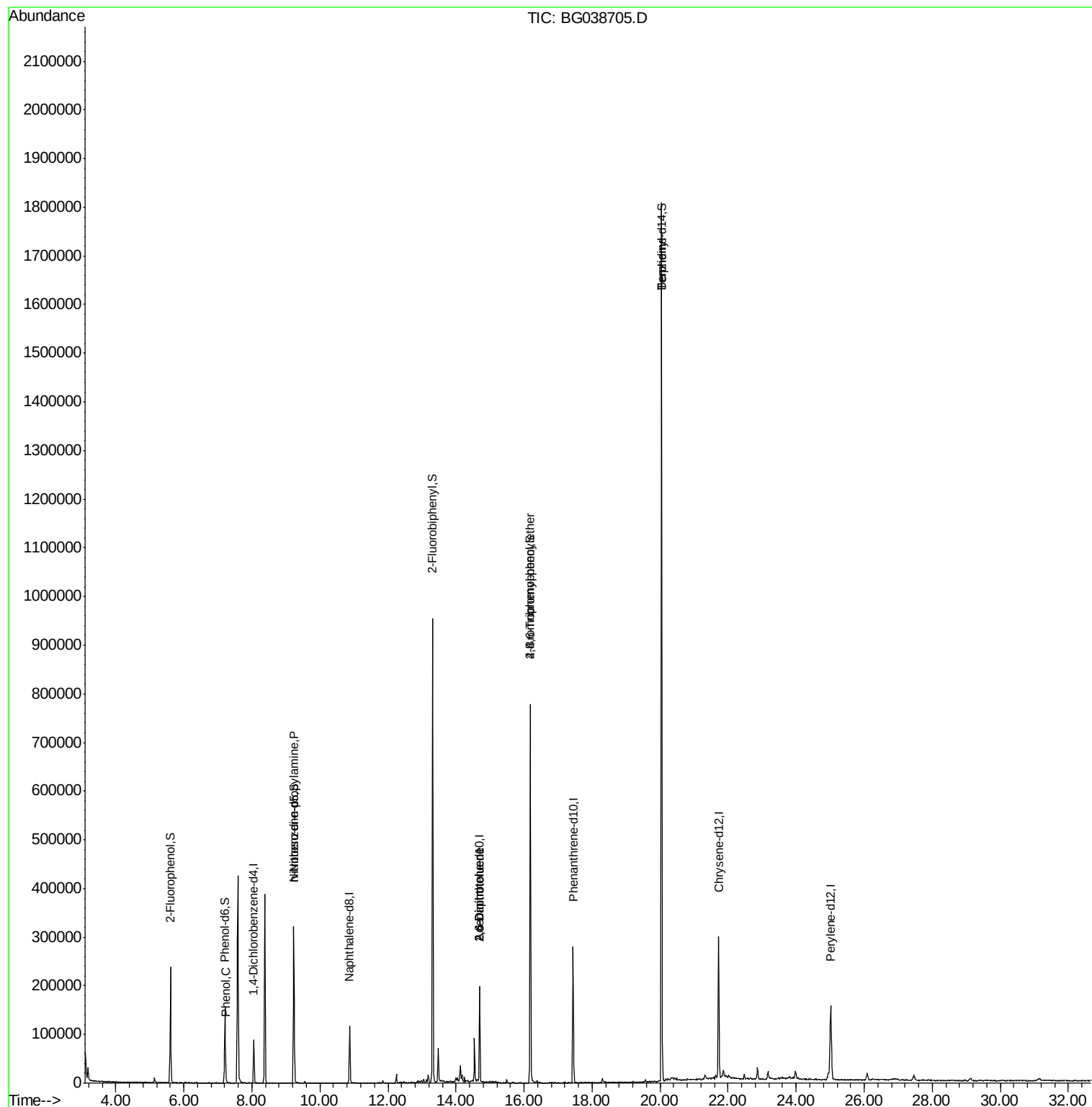
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25460	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	104669	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	70056	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	187481	20.00	ng	0.00
76) Chrysene-d12	21.72	240	185062	20.00	ng	0.00
87) Perylene-d12	25.02	264	196351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	103175	71.88	ng	0.00
7) Phenol-d6	7.21	99	88500	44.91	ng	0.00
23) Nitrobenzene-d5	9.23	82	197131	96.22	ng	-0.01
42) 2,4,6-Tribromophenol	16.19	330	164184	170.05	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	504532	98.80	ng	0.00
79) Terphenyl-d14	20.05	244	917394	107.89	ng	0.00
Target Compounds						
10) Phenol	7.23	94	4685	2.238	ng	88
19) n-Nitroso-di-n-propylamine	9.24	70	26607	19.224	ng	# 69
51) 2,6-Dinitrotoluene	14.69	165	9664	7.454	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	9664	5.292	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	10623	4.640	ng	# 1
77) Benzidine	20.05	184	16074	2.937	ng	# 94

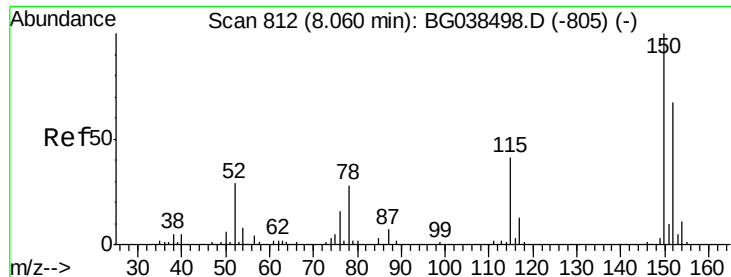
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



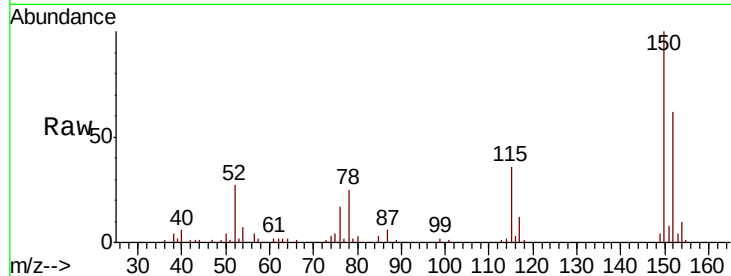


#1

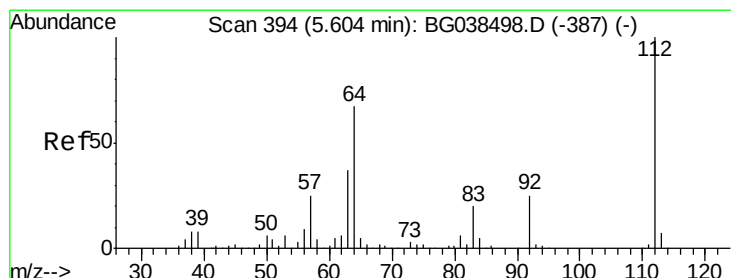
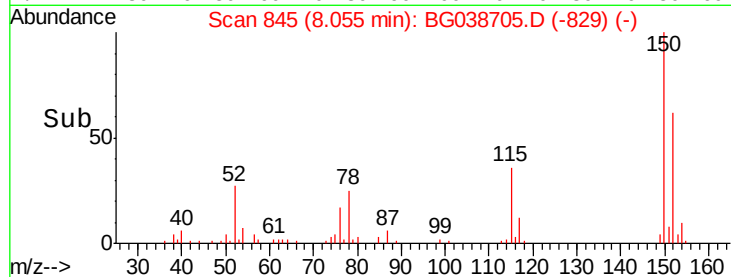
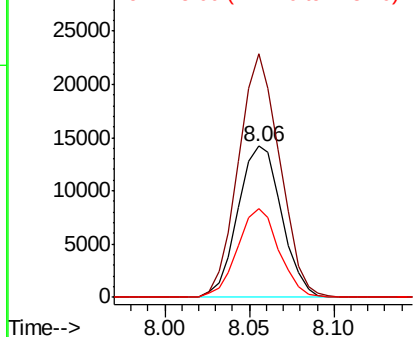
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038705.D
Acq: 18 Dec 2018 21:57

Instrument :
BNA_G
ClientSampleId :
C-MW-11-121118

Tgt Ion:152 Resp: 25460
Ion Ratio Lower Upper
152 100
150 161.3 119.5 179.3
115 58.4 49.6 74.4



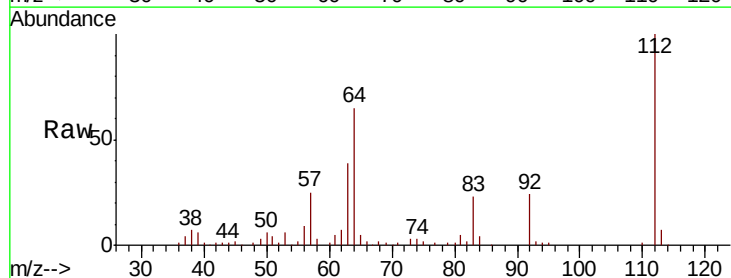
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



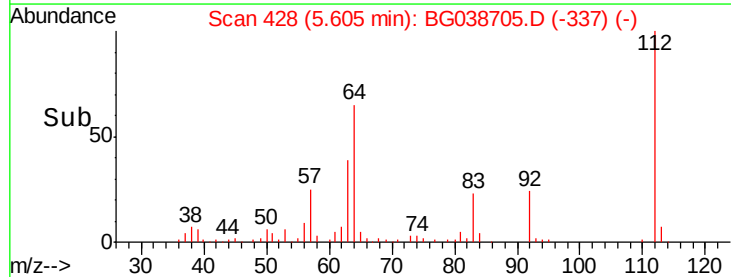
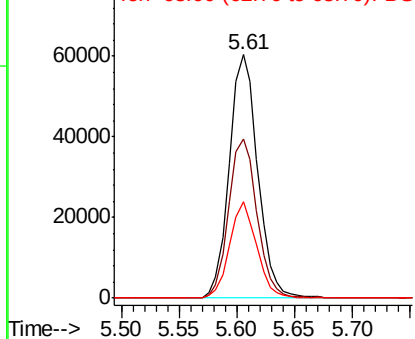
#5

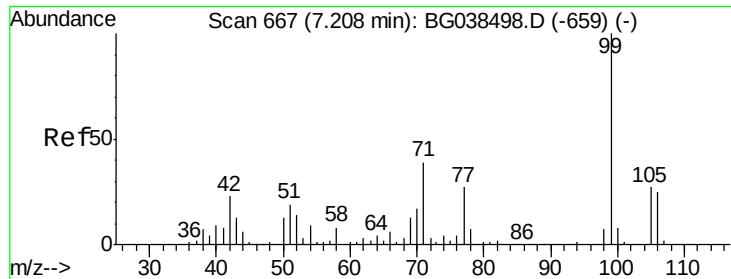
2-Fluorophenol
Concen: 71.876 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038705.D
Acq: 18 Dec 2018 21:57

Tgt Ion:112 Resp: 103175
Ion Ratio Lower Upper
112 100
64 65.1 53.4 80.2
63 39.4 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: 44.910 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038705.D

Acq: 18 Dec 2018 21:57

Instrument :

BNA_G

ClientSampleId :

C-MW-11-121118

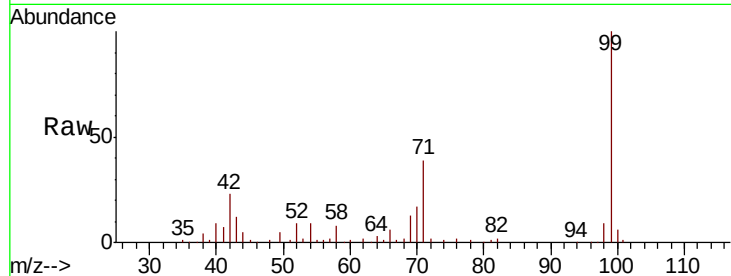
Tgt Ion: 99 Resp: 88500

Ion Ratio Lower Upper

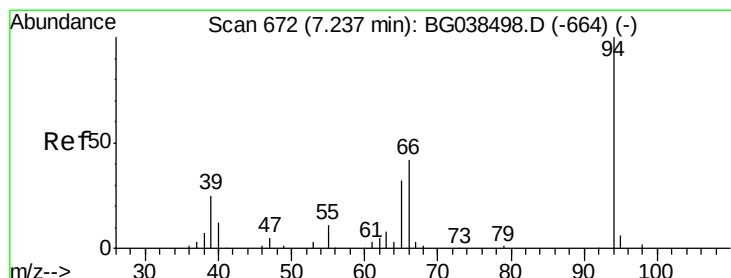
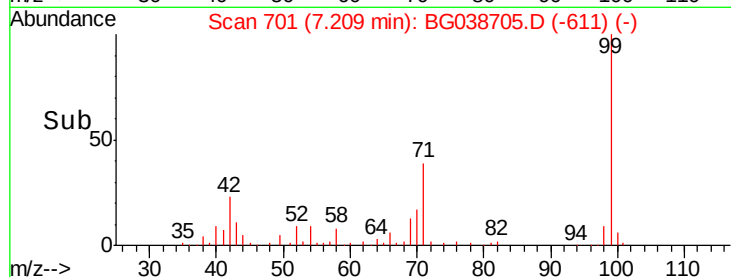
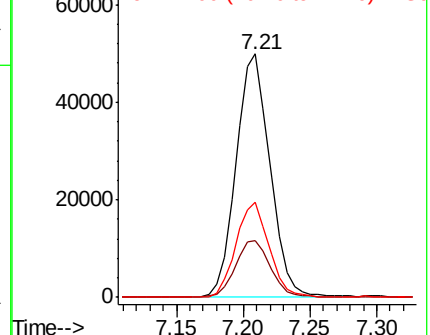
99 100

42 23.3 18.5 27.7

71 39.3 31.1 46.7



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



#10

Phenol

Concen: 2.238 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG038705.D

Acq: 18 Dec 2018 21:57

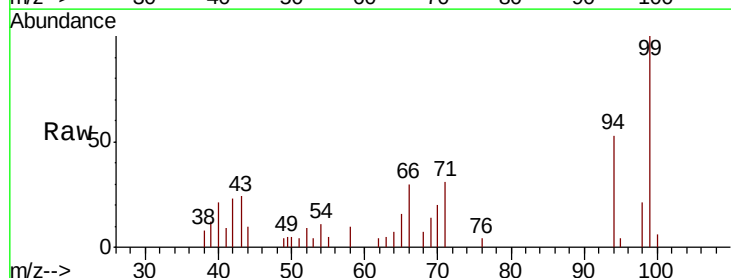
Tgt Ion: 94 Resp: 4685

Ion Ratio Lower Upper

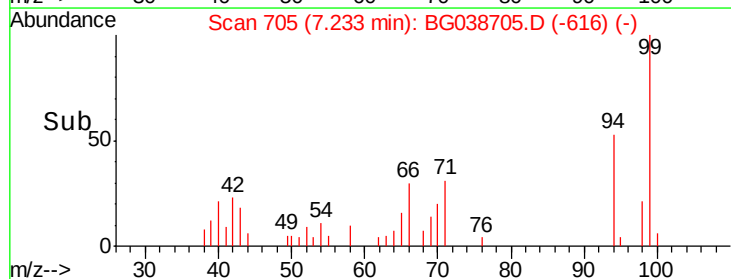
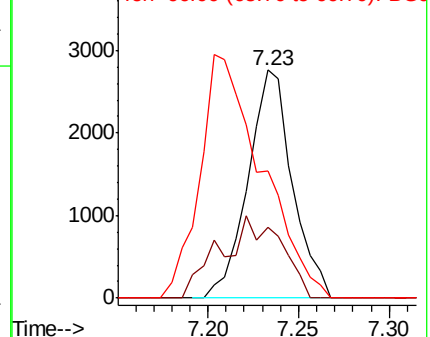
94 100

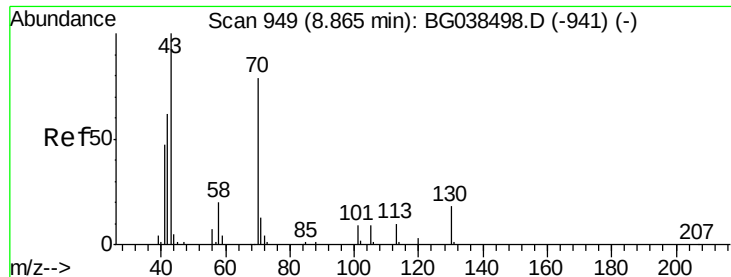
65 31.0 12.6 52.6

66 55.8 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

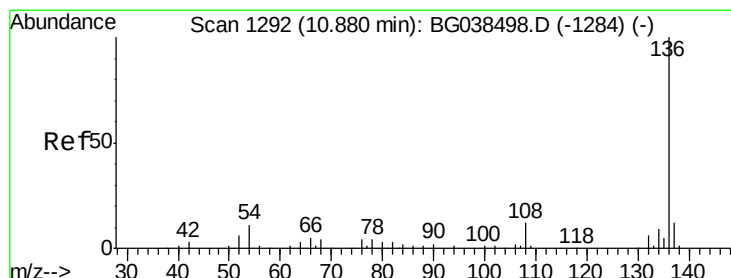
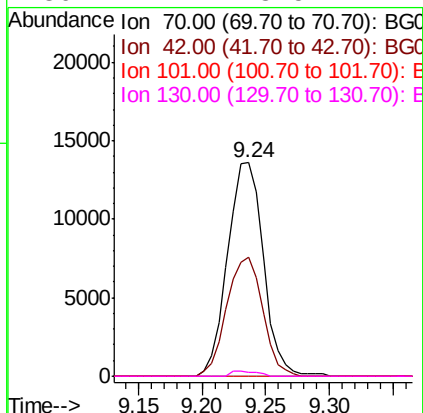
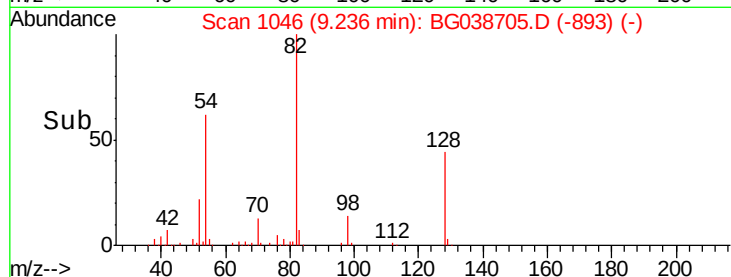
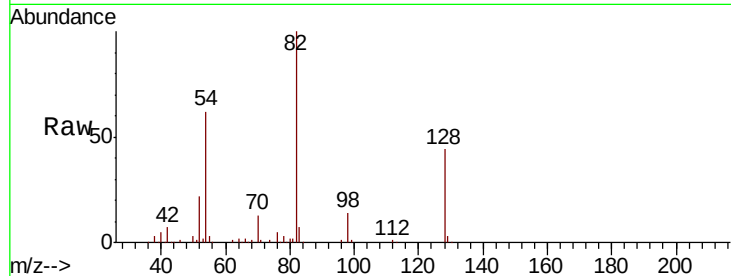




#19
n-Nitroso-di-n-propylamine
Concen: 19.224 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038705.D
Acq: 18 Dec 2018 21:57

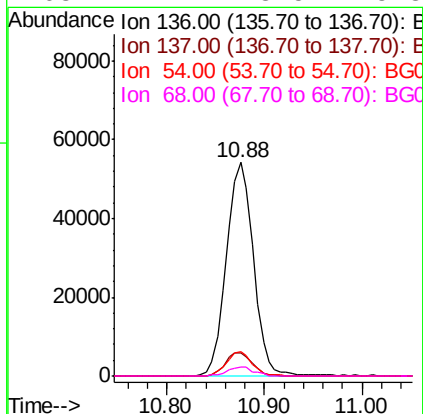
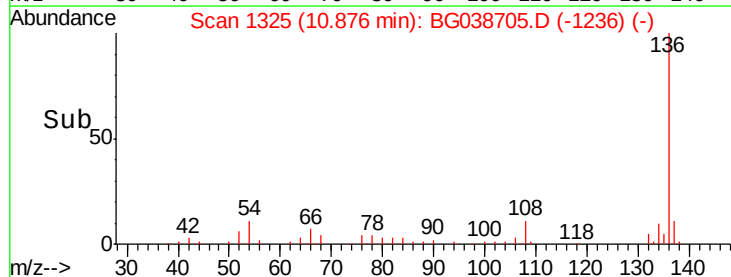
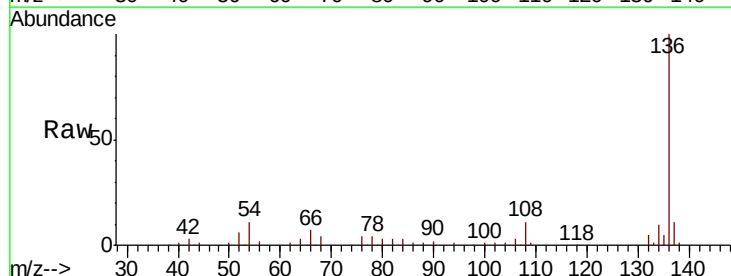
Instrument :
BNA_G
ClientSampleId :
C-MW-11-121118

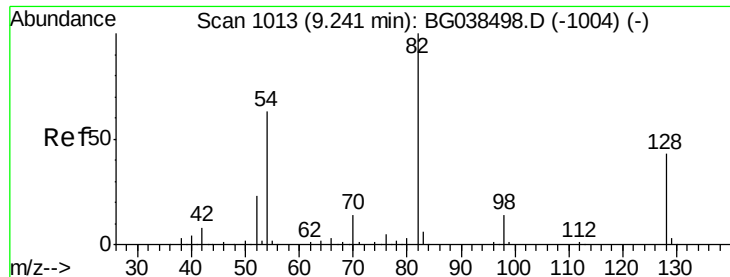
Tgt Ion: 70 Resp: 26607
Ion Ratio Lower Upper
70 100
42 55.6 63.6 95.4#
101 0.0 9.2 13.8#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038705.D
Acq: 18 Dec 2018 21:57

Tgt Ion: 136 Resp: 104669
Ion Ratio Lower Upper
136 100
137 10.8 9.3 13.9
54 11.2 8.5 12.7
68 4.4 3.5 5.3

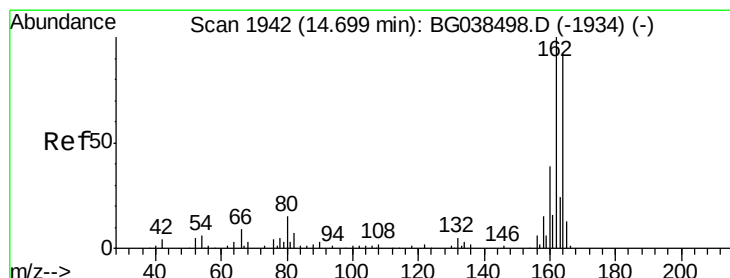
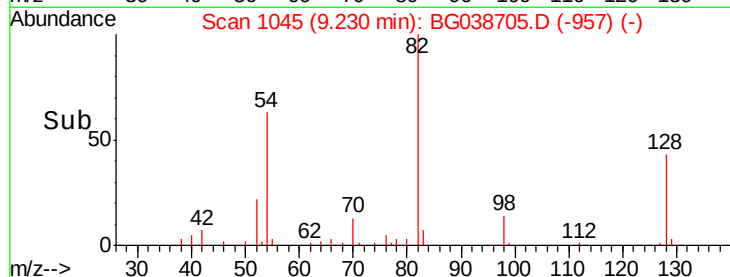
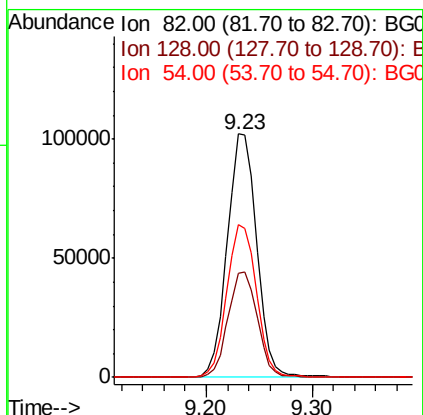
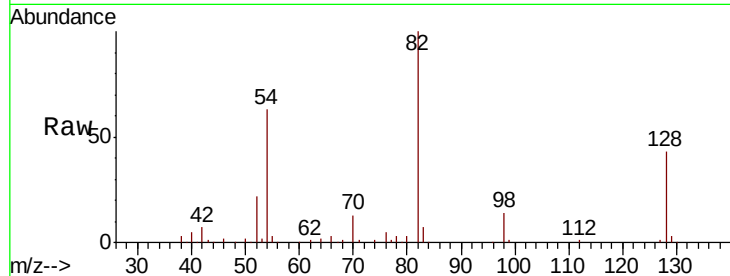




#23
Nitrobenzene-d5
Concen: 96.216 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038705.D
Acq: 18 Dec 2018 21:57

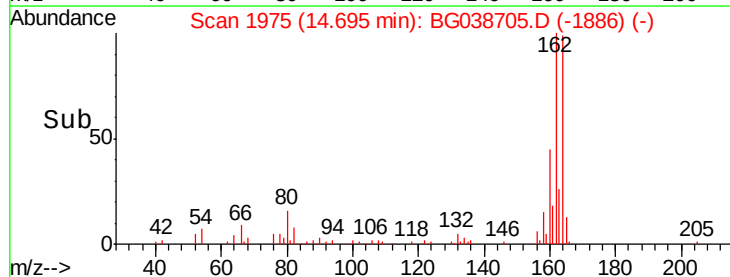
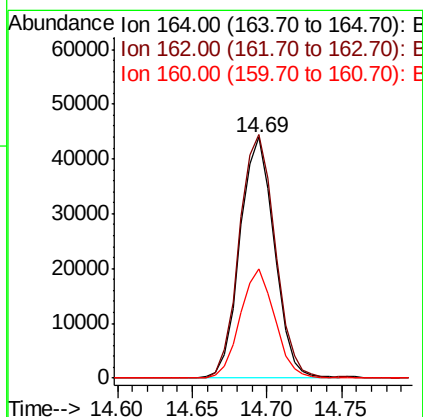
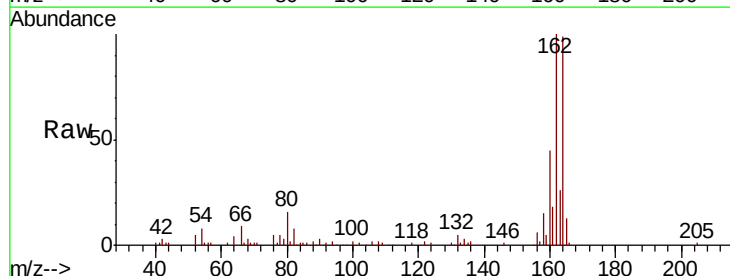
Instrument :
BNA_G
ClientSampleId :
C-MW-11-121118

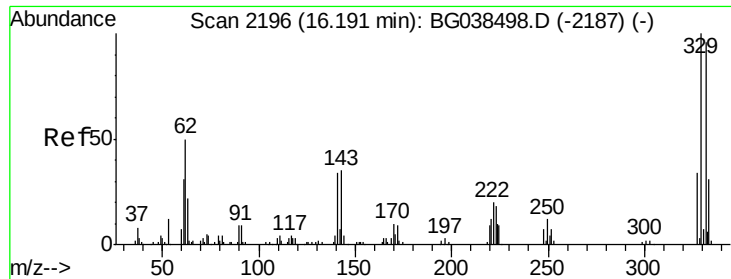
Tgt Ion: 82 Resp: 197131
Ion Ratio Lower Upper
82 100
128 43.0 34.6 52.0
54 62.8 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038705.D
Acq: 18 Dec 2018 21:57

Tgt Ion: 164 Resp: 70056
Ion Ratio Lower Upper
164 100
162 101.1 86.6 130.0
160 45.2 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 170.051 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038705.D

Acq: 18 Dec 2018 21:57

Instrument :

BNA_G

ClientSampleId :

C-MW-11-121118

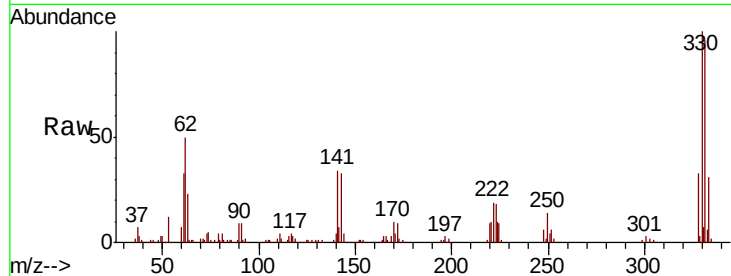
Tgt Ion:330 Resp: 164184

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

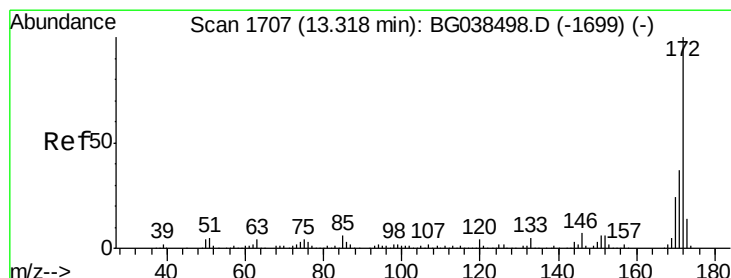
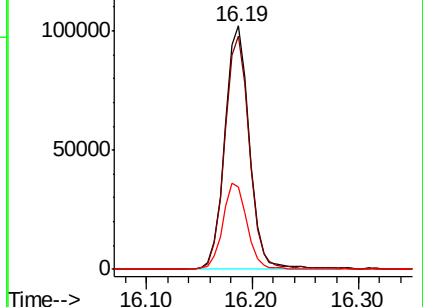
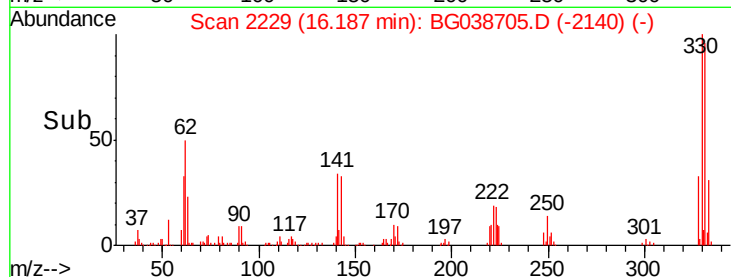
141 34.8 28.8 43.2



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: 98.798 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG038705.D

Acq: 18 Dec 2018 21:57

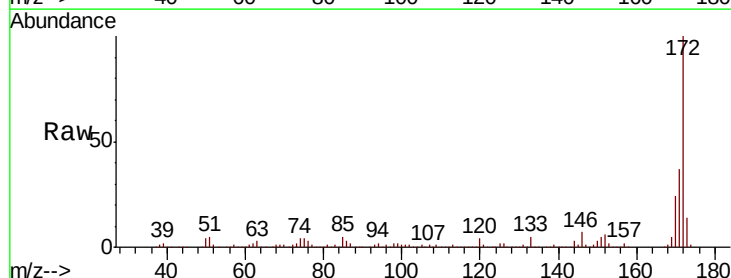
Tgt Ion:172 Resp: 504532

Ion Ratio Lower Upper

172 100

171 36.8 29.8 44.6

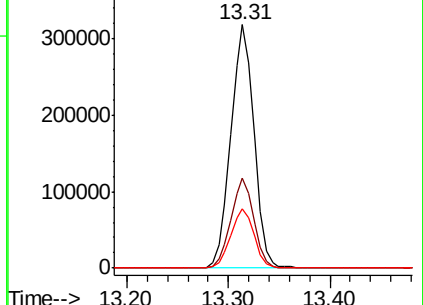
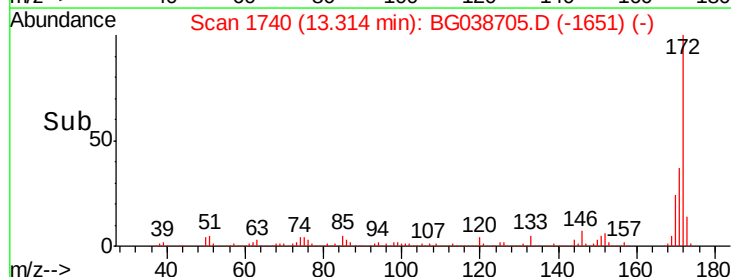
170 24.1 19.5 29.3

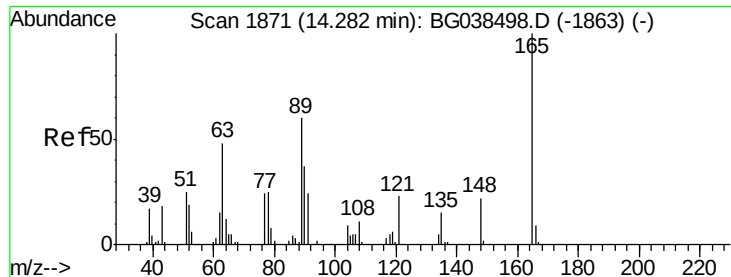


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

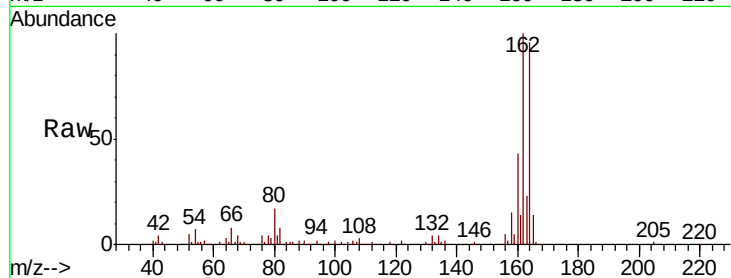




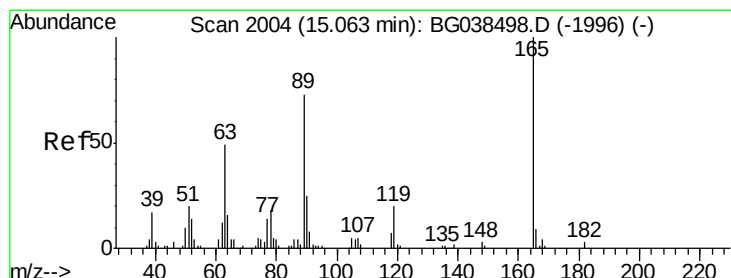
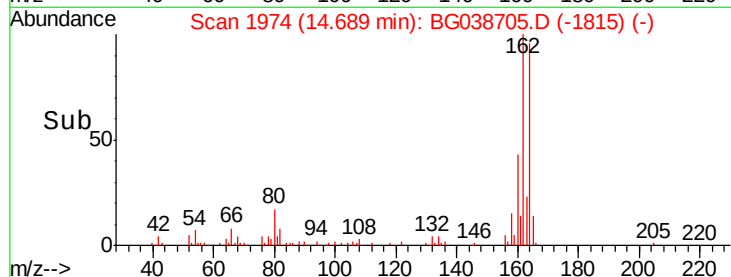
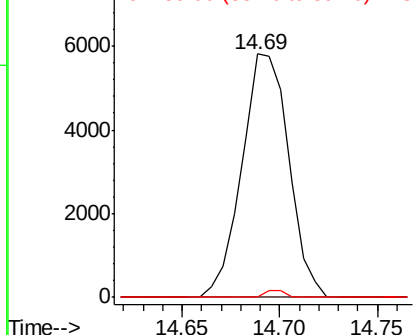
#51
 2,6-Dinitrotoluene
 Concen: 7.454 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.41 min
 Lab File: BG038705.D
 Acq: 18 Dec 2018 21:57

Instrument :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#



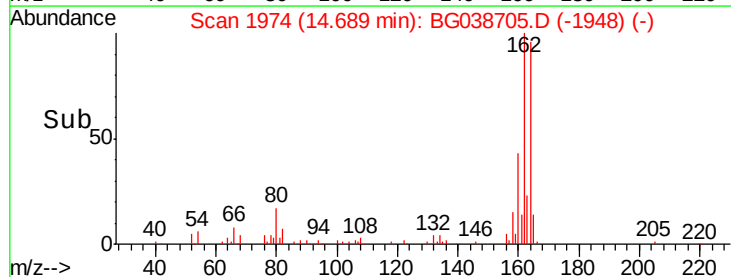
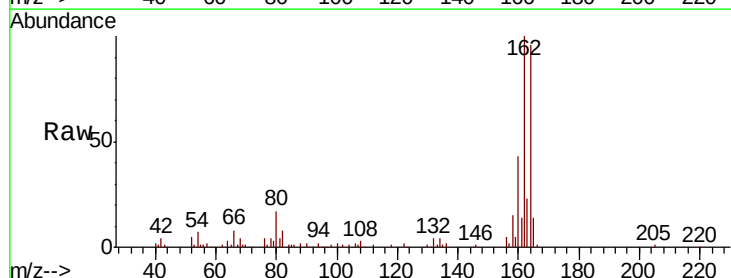
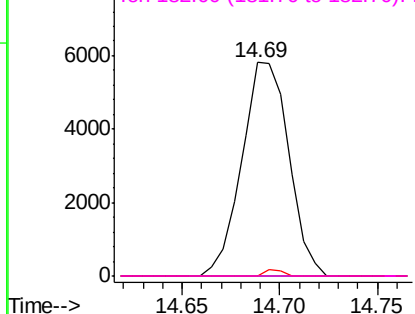
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

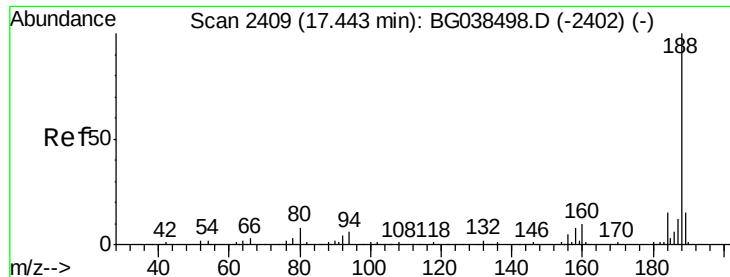


#57
 2,4-Dinitrotoluene
 Concen: 5.292 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.37 min
 Lab File: BG038705.D
 Acq: 18 Dec 2018 21:57

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

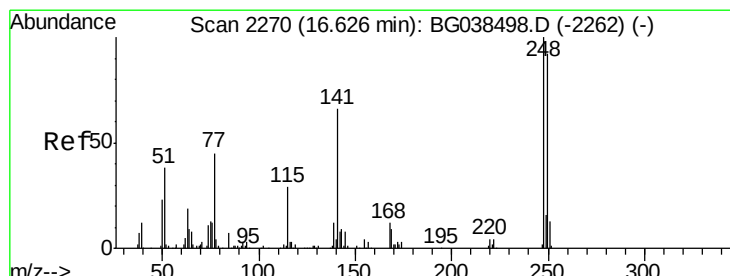
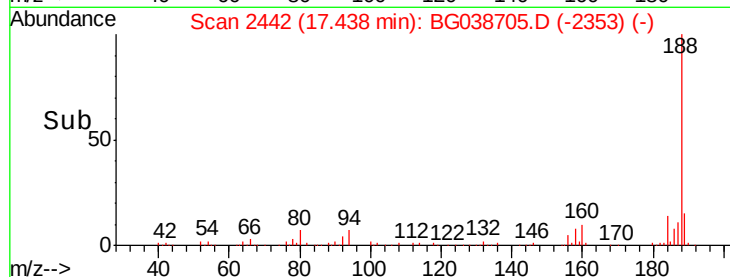
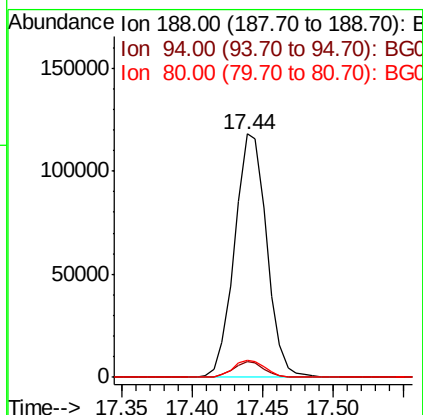
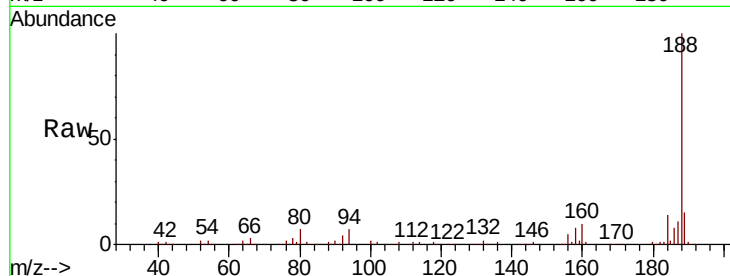




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038705.D
 Acq: 18 Dec 2018 21:57

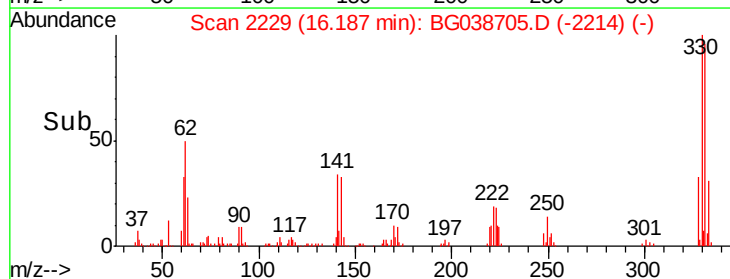
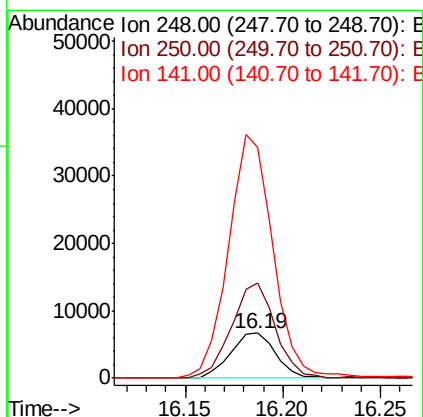
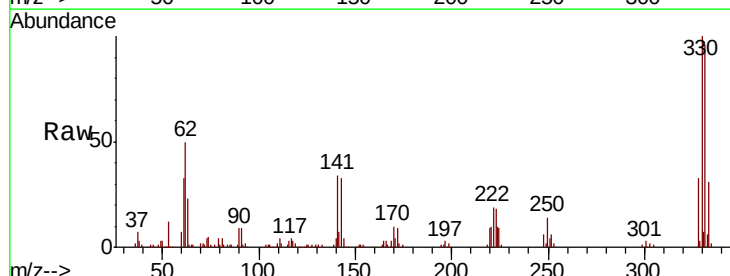
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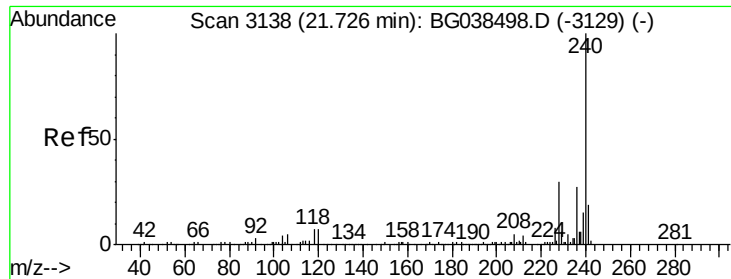
Tgt Ion:188 Resp: 187481
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.1 7.7
 80 7.0 6.1 9.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.640 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038705.D
 Acq: 18 Dec 2018 21:57

Tgt Ion:248 Resp: 10623
 Ion Ratio Lower Upper
 248 100
 250 210.6 73.4 110.2#
 141 398.1 52.9 79.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG038705.D

Acq: 18 Dec 2018 21:57

Instrument :

BNA_G

ClientSampleId :

C-MW-11-121118

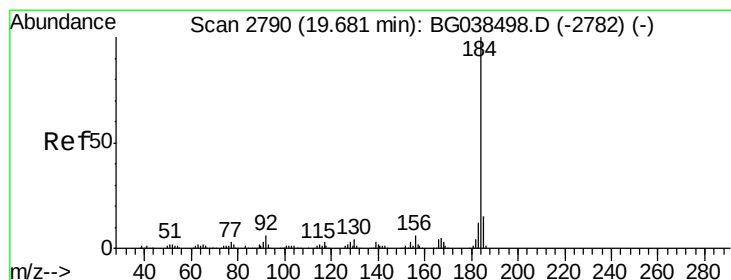
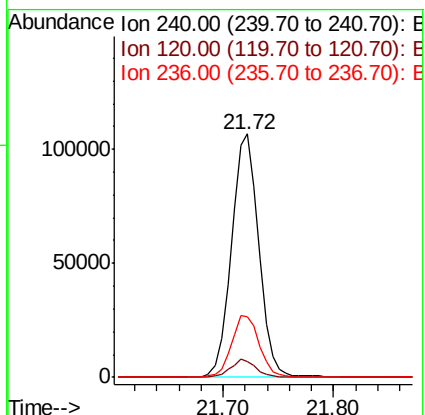
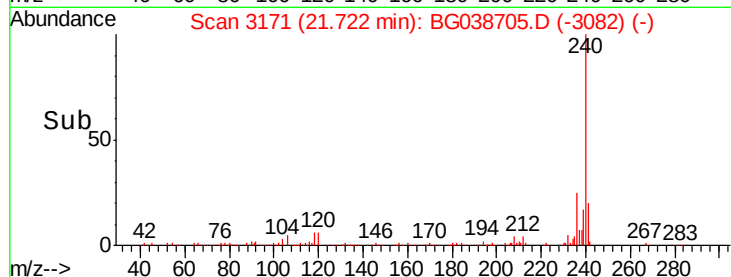
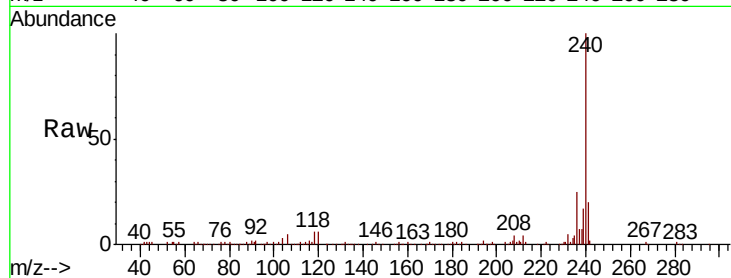
Tgt Ion:240 Resp: 185062

Ion Ratio Lower Upper

240 100

120 6.3 5.3 7.9

236 25.0 21.4 32.2



#77

Benzidine

Concen: 2.937 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.37 min

Lab File: BG038705.D

Acq: 18 Dec 2018 21:57

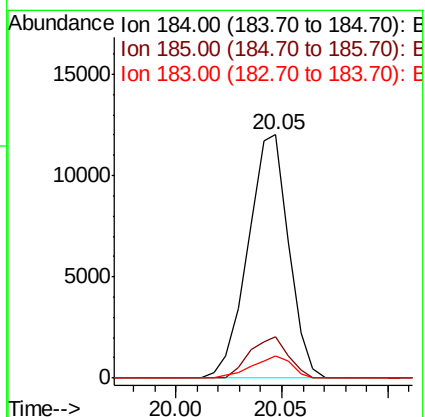
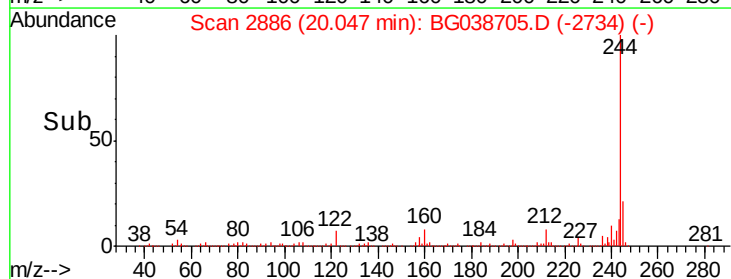
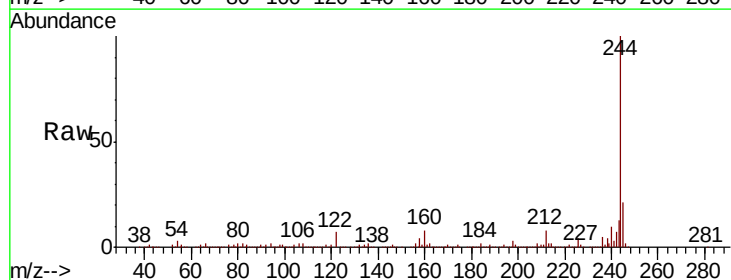
Tgt Ion:184 Resp: 16074

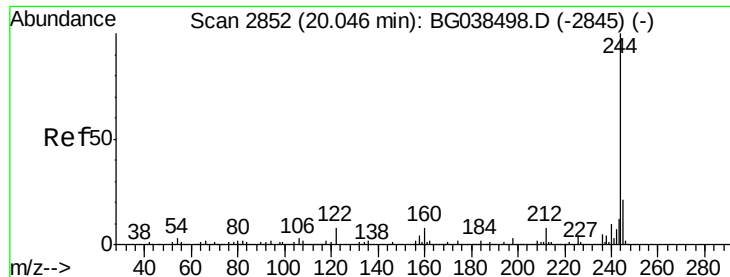
Ion Ratio Lower Upper

184 100

185 16.8 12.2 18.2

183 9.0 9.6 14.4#





#79

Terphenyl-d14

Concen: 107.886 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038705.D

Acq: 18 Dec 2018 21:57

Instrument :

BNA_G

ClientSampleId :

C-MW-11-121118

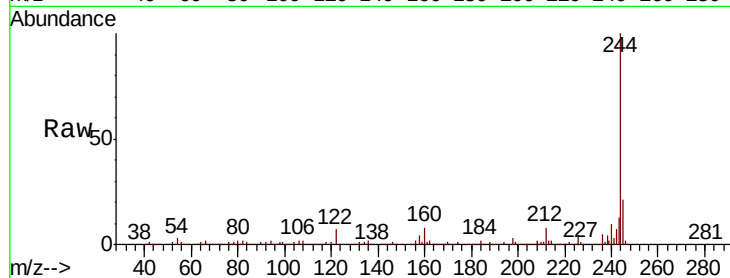
Tgt Ion:244 Resp: 917394

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

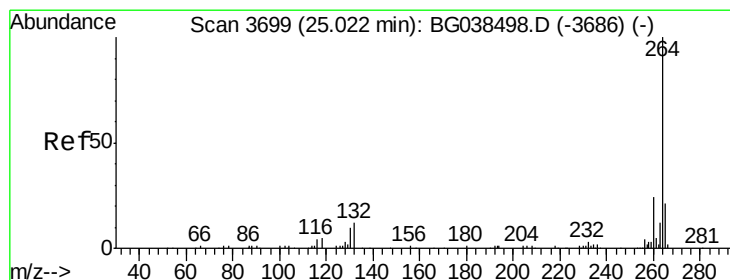
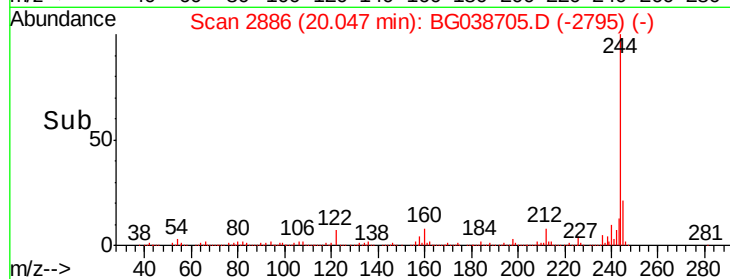
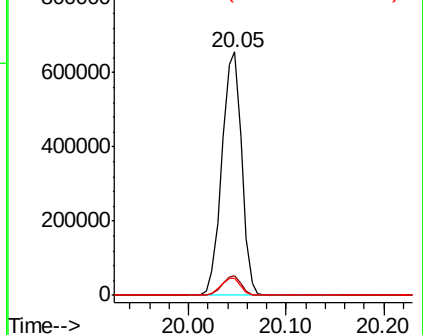
122 7.0 6.3 9.5



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: BG038705.D

Acq: 18 Dec 2018 21:57

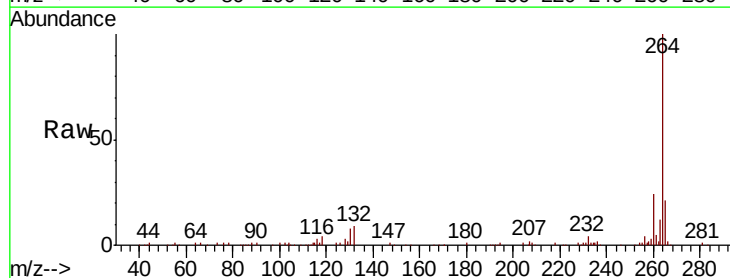
Tgt Ion:264 Resp: 196351

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.0 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

