

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
 Data File : BG038901.D
 Acq On : 2 Jan 2019 20:52
 Operator : JU/SJ
 Sample : J6598-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW05_122818

Quant Time: Jan 03 00:18:51 2019
 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

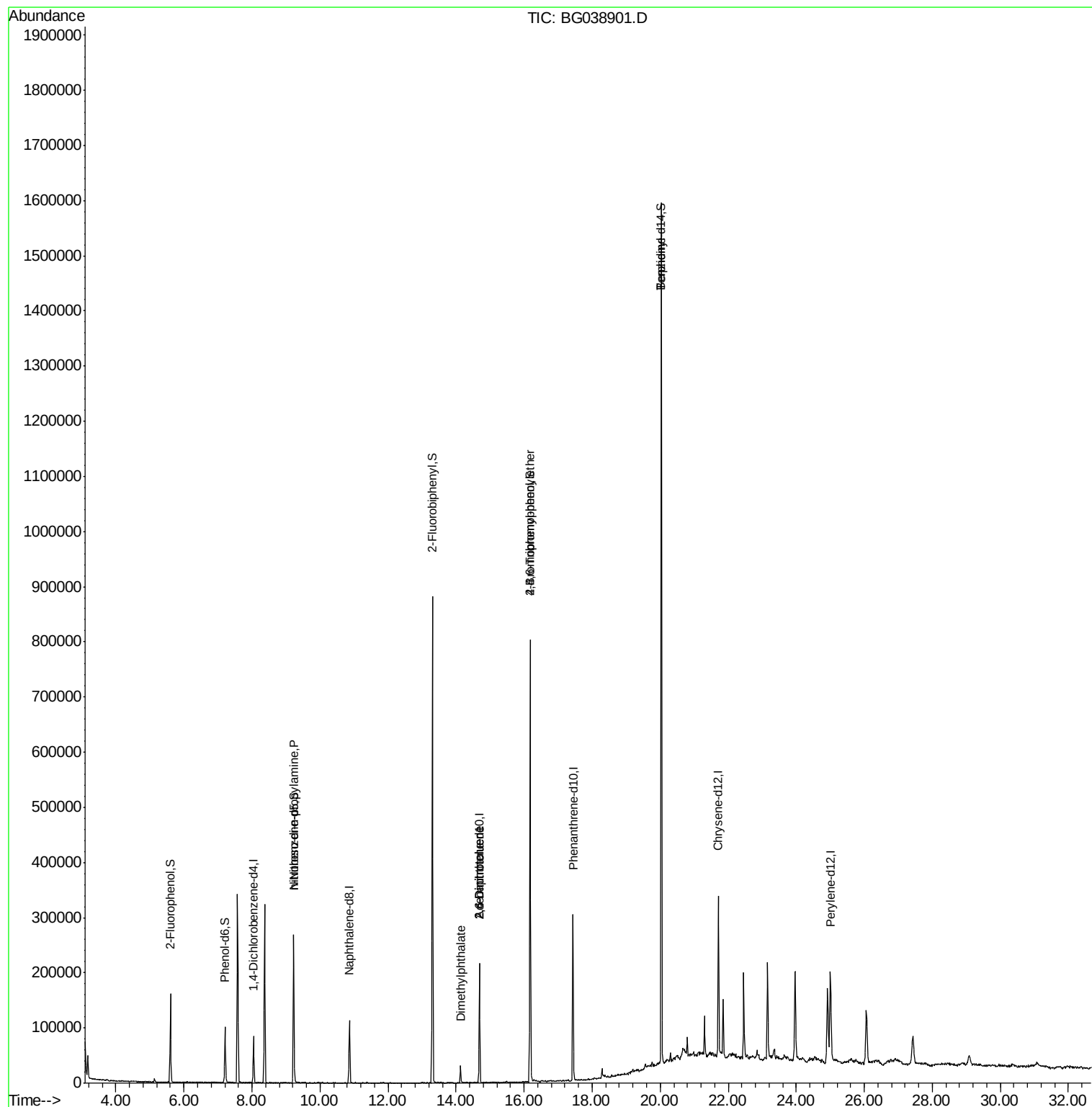
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	25395	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	102929	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	78213	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	199166	20.00	ng	0.00
76) Chrysene-d12	21.71	240	188946	20.00	ng	-0.01
87) Perylene-d12	25.01	264	195623	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	72891	50.91	ng	0.00
7) Phenol-d6	7.21	99	61478	31.28	ng	0.00
23) Nitrobenzene-d5	9.22	82	161658	80.24	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	173071	160.56	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	485110	85.09	ng	-0.01
79) Terphenyl-d14	20.04	244	805756	92.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	20751	15.031	ng	Qvalue # 68
50) Dimethylphthalate	14.13	163	24930	3.903	ng	99
51) 2,6-Dinitrotoluene	14.69	165	10247	7.079	ng	# 21
57) 2,4-Dinitrotoluene	14.69	165	10247	5.026	ng	# 23
67) 4-Bromophenyl-phenylether	16.17	248	11408	4.690	ng	# 1
77) Benzidine	20.03	184	13385	2.395	ng	98

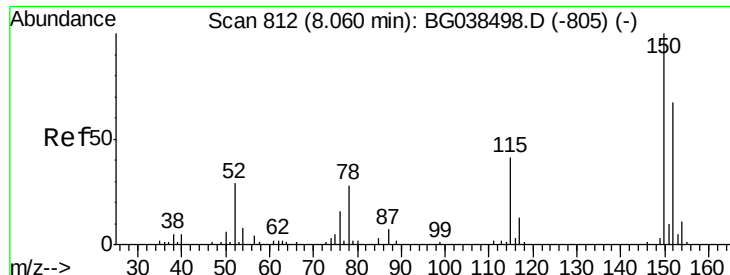
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



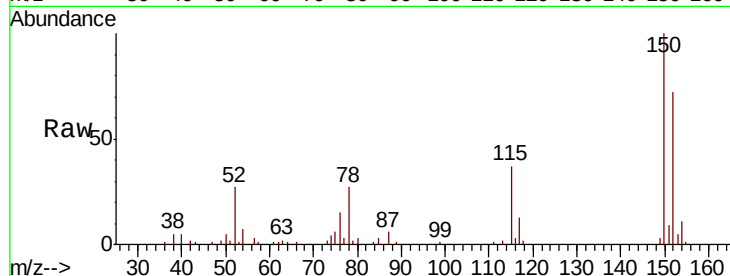


#1

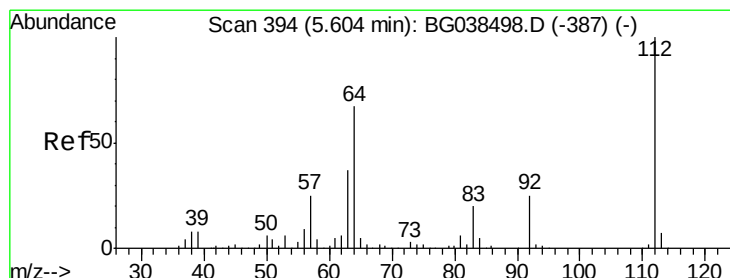
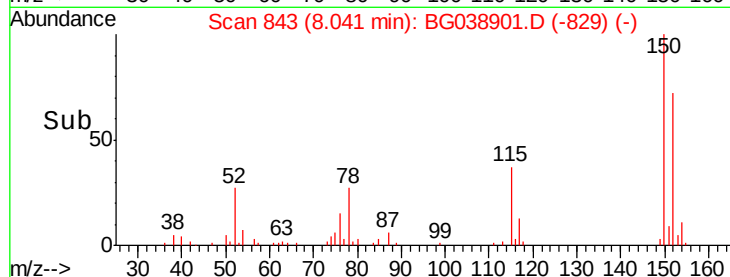
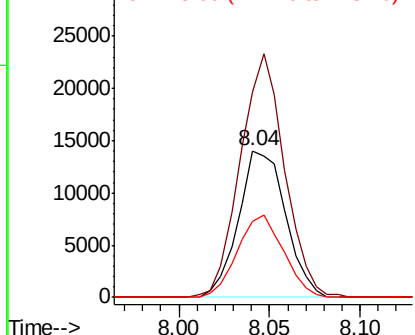
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038901.D
Acq: 2 Jan 2019 20:52

Instrument :
BNA_G
ClientSampleId :
MW05_122818

Tot Ion:152 Resp: 25395
Ion Ratio Lower Upper
152 100
150 139.5 119.5 179.3
115 51.7 49.6 74.4



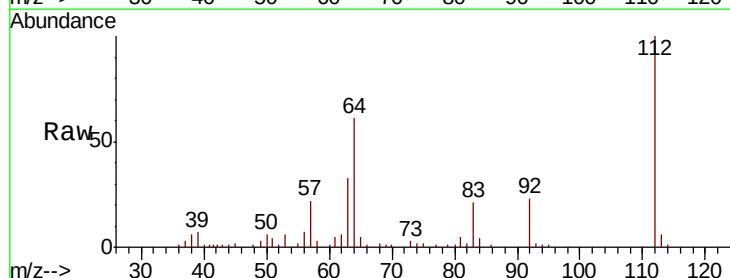
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



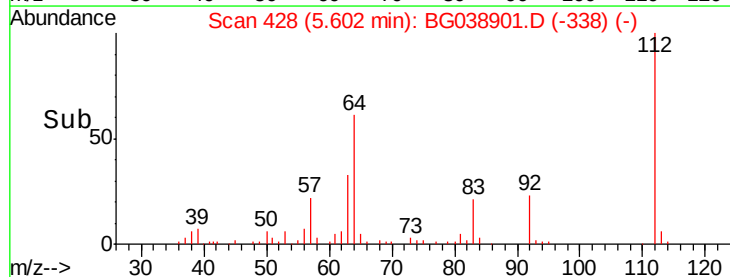
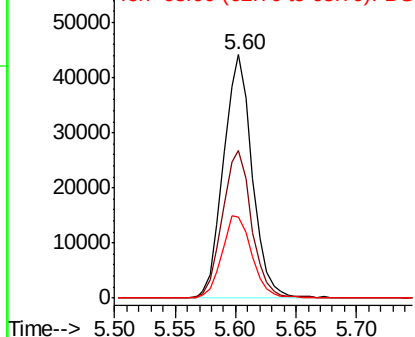
#5

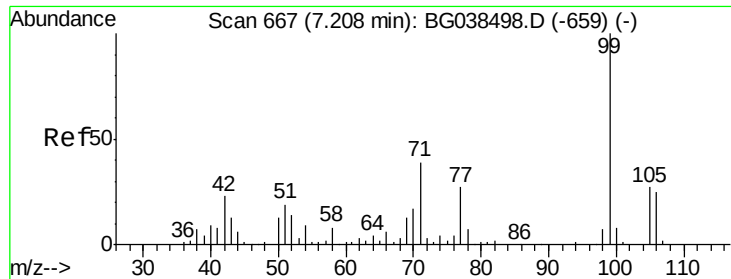
2-Fluorophenol
Concen: 50.909 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038901.D
Acq: 2 Jan 2019 20:52

Tgt Ion:112 Resp: 72891
Ion Ratio Lower Upper
112 100
64 60.8 53.4 80.2
63 33.4 29.3 43.9



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: 31.277 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038901.D

Acq: 2 Jan 2019 20:52

Instrument :

BNA_G

ClientSampleId :

MW05_122818

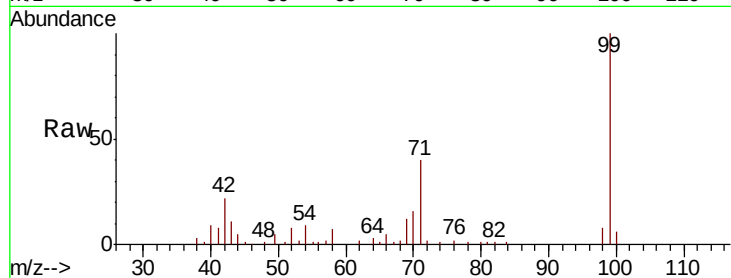
Tot Ion: 99 Resp: 61478

Ion Ratio Lower Upper

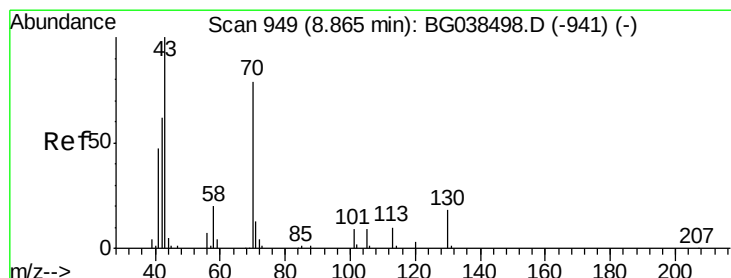
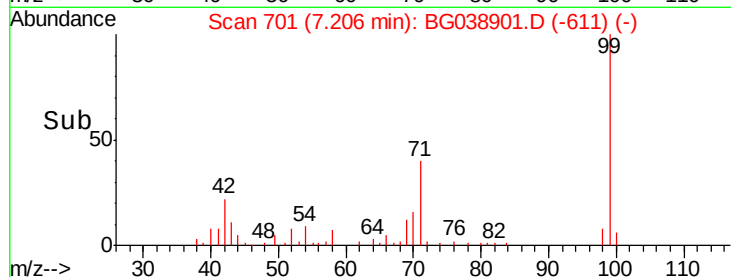
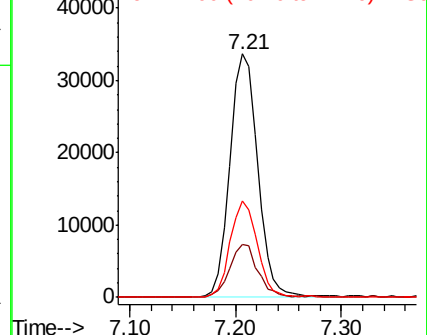
99 100

42 21.8 18.5 27.7

71 39.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.031 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.36 min

Lab File: BG038901.D

Acq: 2 Jan 2019 20:52

Tgt Ion: 70 Resp: 20751

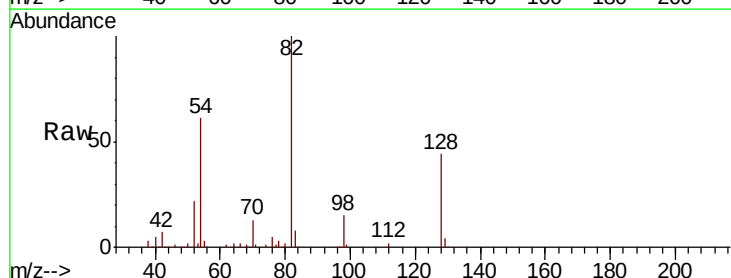
Ion Ratio Lower Upper

70 100

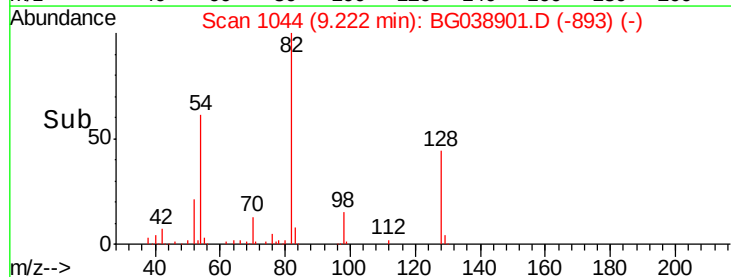
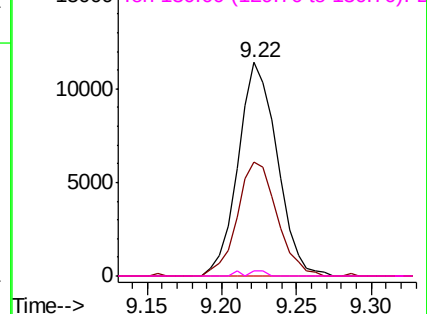
42 53.5 63.6 95.4#

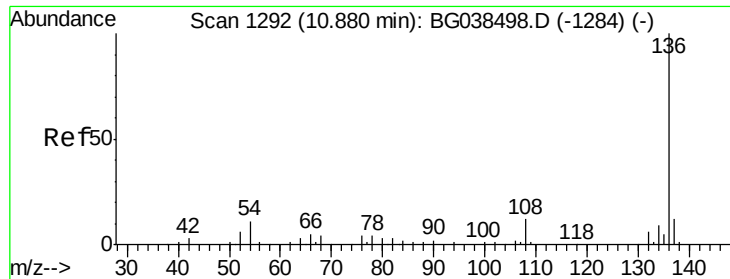
101 0.0 9.2 13.8#

130 2.4 18.5 27.7#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

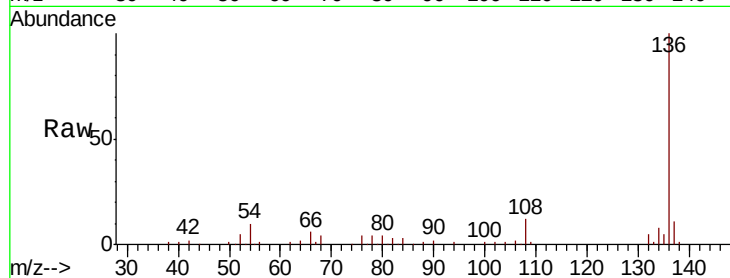




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038901.D
Acq: 2 Jan 2019 20:52

Instrument :
BNA_G
ClientSampleId :
MW05_122818

Tot Ion:136	Resp:	102929
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.3 13.9
54	9.6	8.5 12.7
68	4.1	3.5 5.3



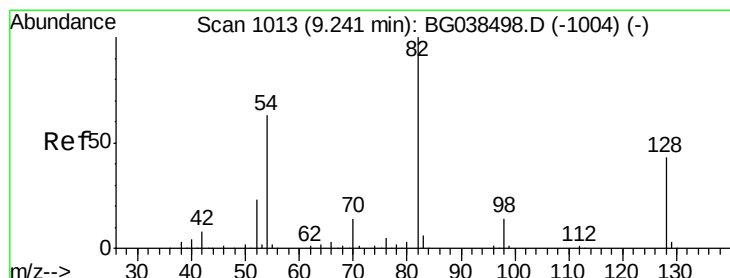
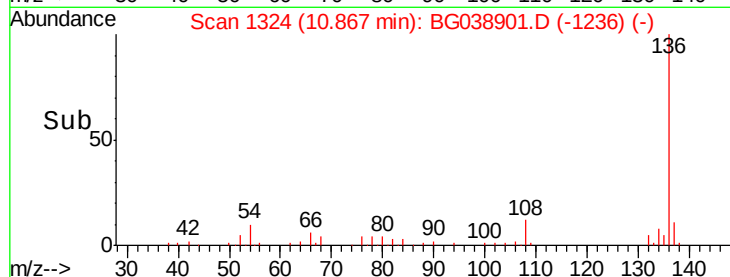
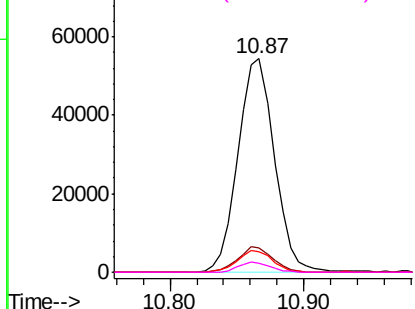
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

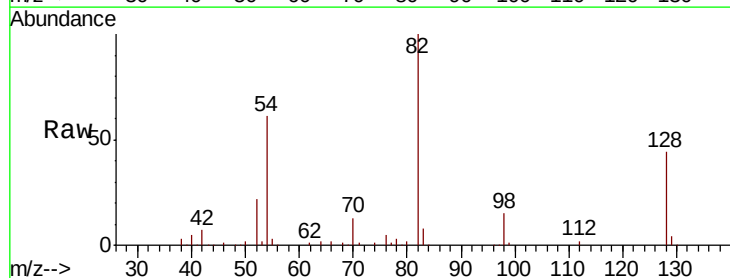
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 80.236 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038901.D
Acq: 2 Jan 2019 20:52

Tgt Ion: 82	Resp:	161658
Ion	Ratio	Lower Upper
82	100	
128	44.1	34.6 52.0
54	61.4	50.6 76.0

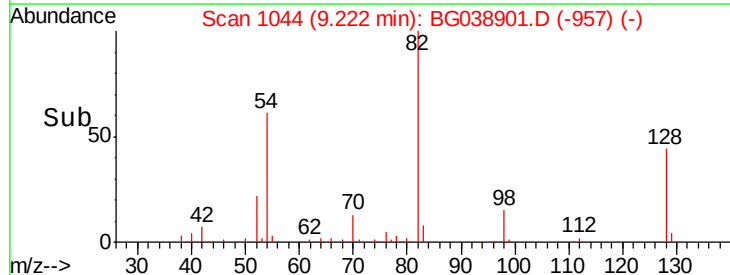
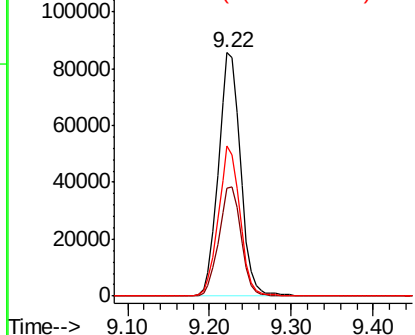


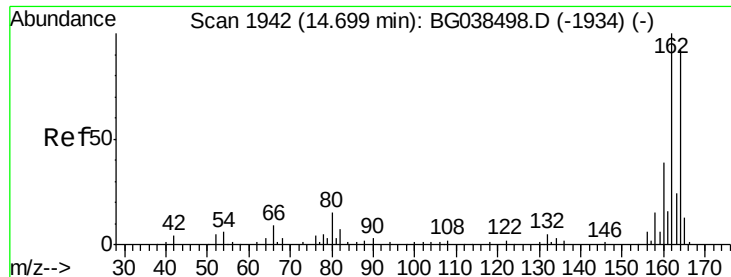
Abundance

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038901.D

Acq: 2 Jan 2019 20:52

Instrument :

BNA_G

ClientSampleId :

MW05 122818

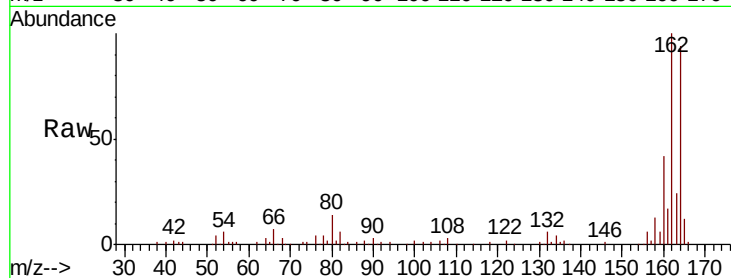
Tot Ion:164 Resp: 78213

Ion Ratio Lower Upper

164 100

162 106.1 86.6 130.0

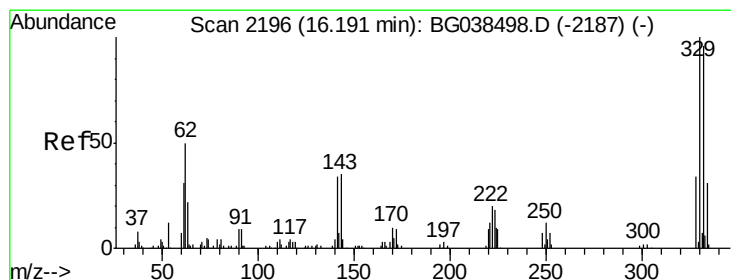
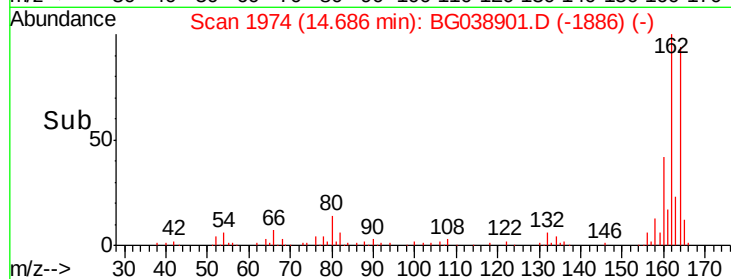
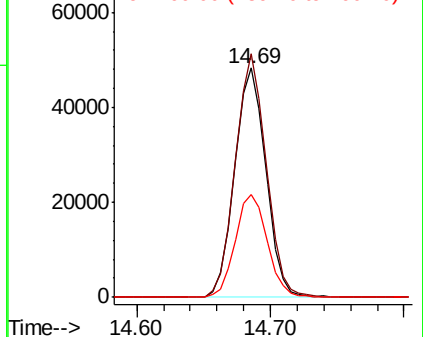
160 44.6 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 160.561 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038901.D

Acq: 2 Jan 2019 20:52

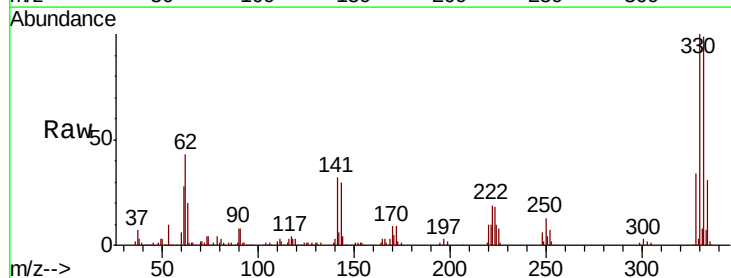
Tgt Ion:330 Resp: 173071

Ion Ratio Lower Upper

330 100

332 97.6 76.9 115.3

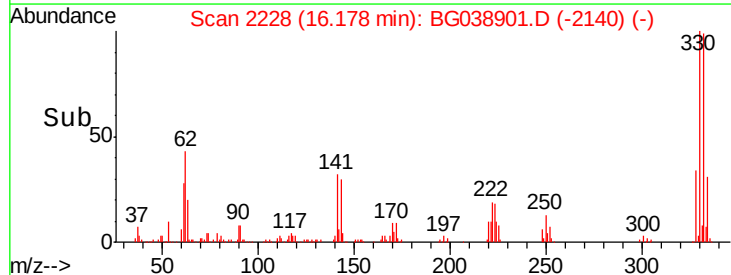
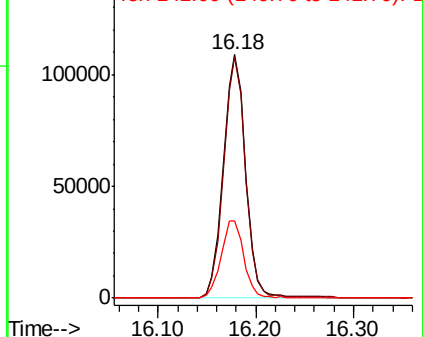
141 32.6 28.8 43.2

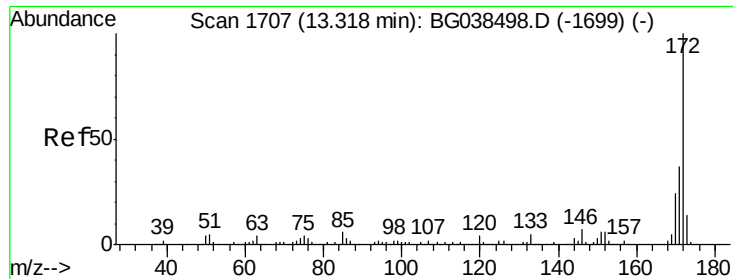


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

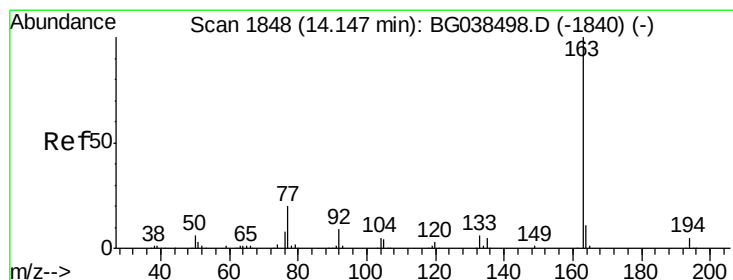
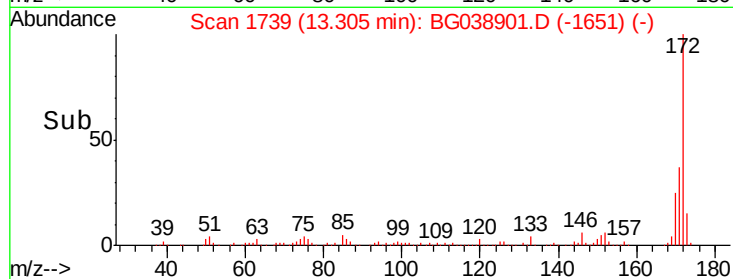
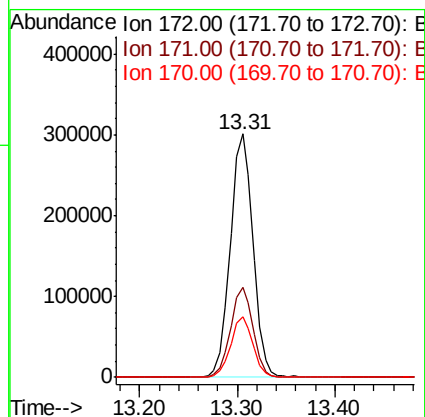
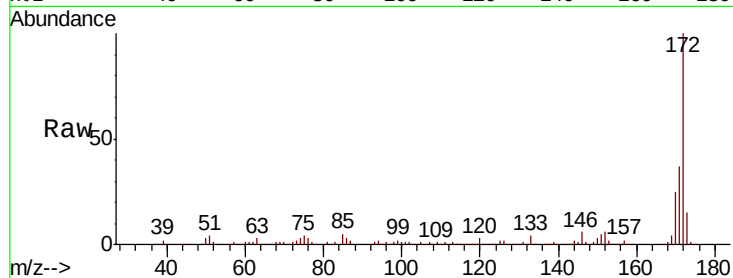




#45
2-Fluorobiphenyl
Concen: 85.088 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038901.D
Acq: 2 Jan 2019 20:52

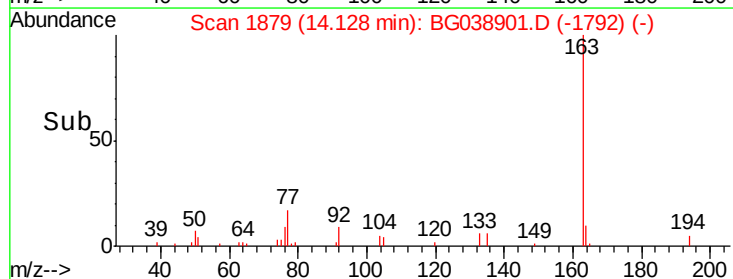
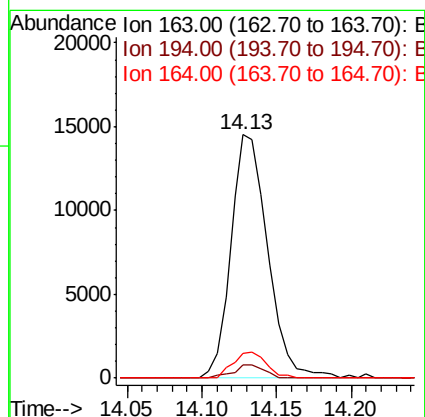
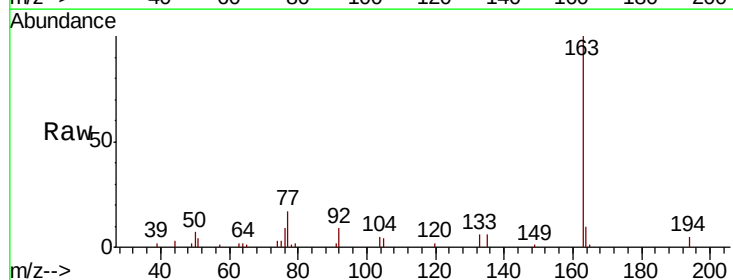
Instrument :
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MW05 122818

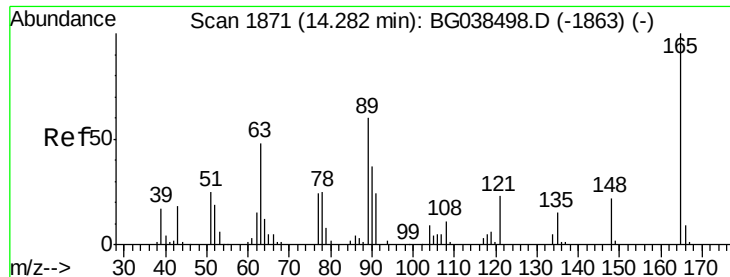
Tot Ion:172 Resp: 485110
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 25.0 19.5 29.3



#50
Dimethylphthalate
Concen: 3.903 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG038901.D
Acq: 2 Jan 2019 20:52

Tgt Ion:163 Resp: 24930
Ion Ratio Lower Upper
163 100
194 5.5 3.7 5.5
164 10.3 8.6 12.8

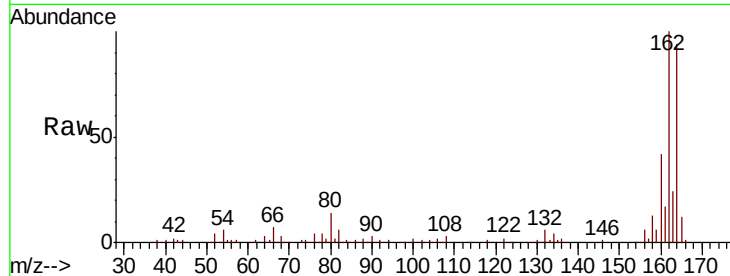




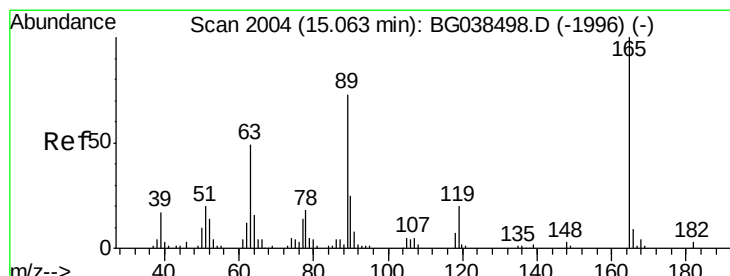
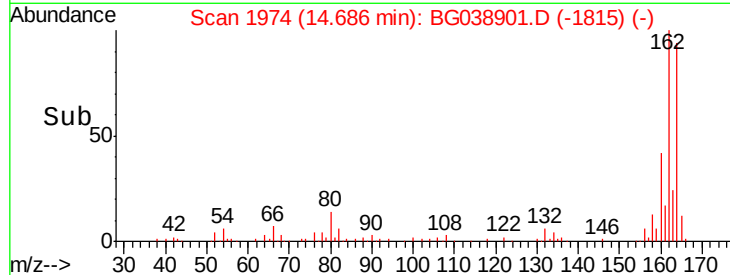
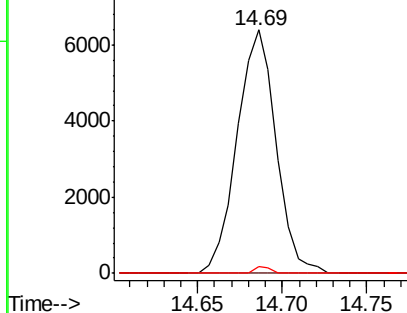
#51
 2,6-Dinitrotoluene
 Concen: 7.079 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.40 min
 Lab File: BG038901.D
 Acq: 2 Jan 2019 20:52

Instrument :
 BNA_G
 ClientSampleId :
 MW05_122818

Tot Ion:165 Resp: 10247
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.6#
 89 2.7 47.9 71.9#



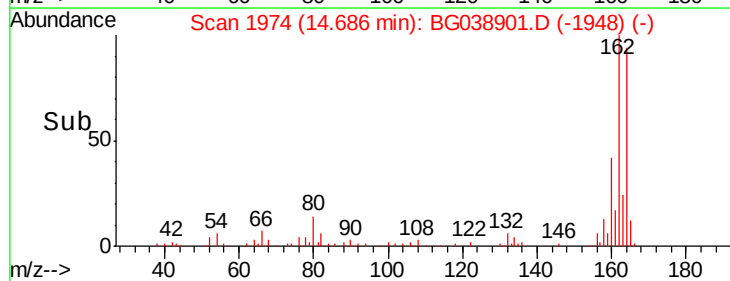
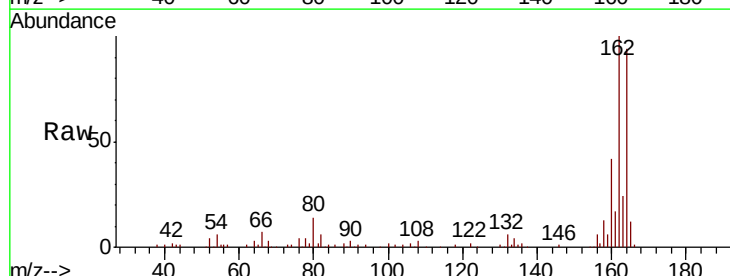
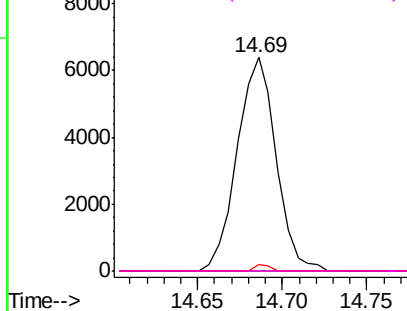
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

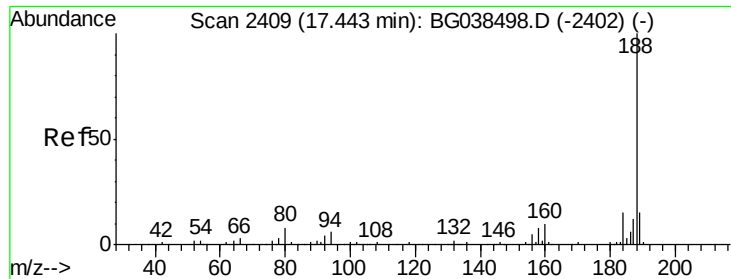


#57
 2,4-Dinitrotoluene
 Concen: 5.026 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG038901.D
 Acq: 2 Jan 2019 20:52

Tgt Ion:165 Resp: 10247
 Ion Ratio Lower Upper
 165 100
 63 0.0 39.0 58.4#
 89 2.7 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. -0.01 min

Lab File: BG038901.D

Acq: 2 Jan 2019 20:52

Instrument :

BNA_G

ClientSampleId :

MW05 122818

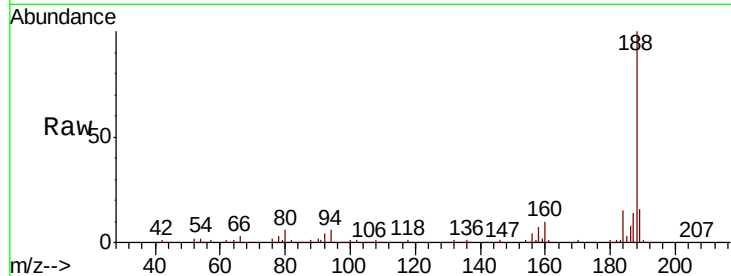
Tot Ion:188 Resp: 199166

Ion Ratio Lower Upper

188 100

94 5.8 5.1 7.7

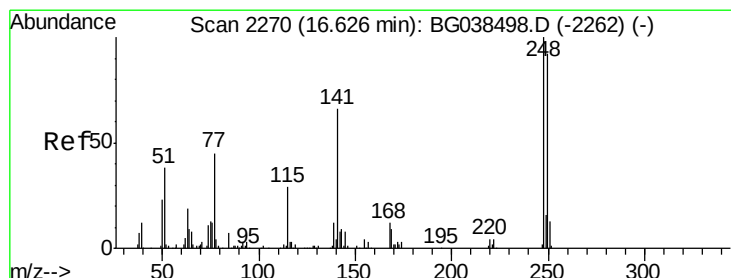
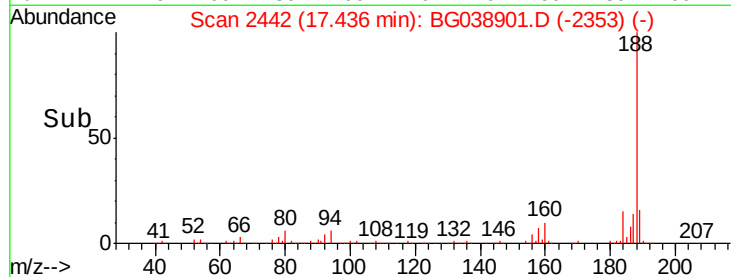
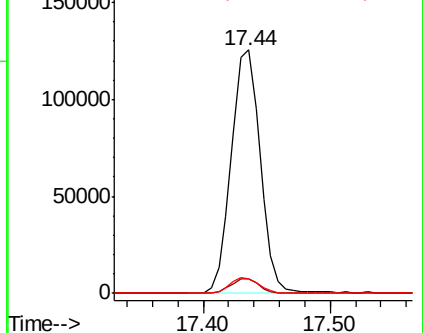
80 5.7 6.1 9.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.690 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.45 min

Lab File: BG038901.D

Acq: 2 Jan 2019 20:52

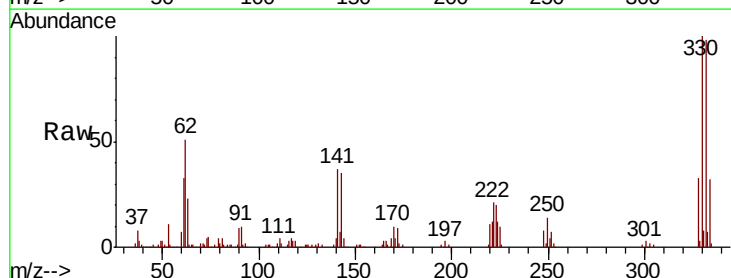
Tgt Ion:248 Resp: 11408

Ion Ratio Lower Upper

248 100

250 185.0 73.4 110.2#

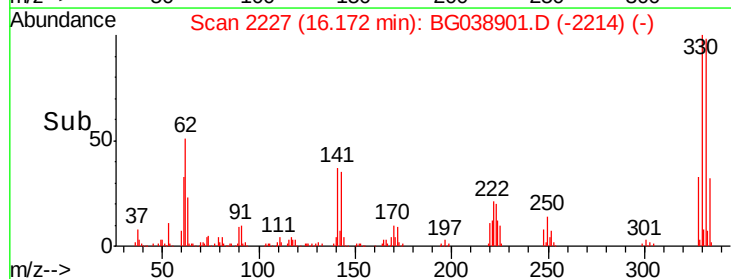
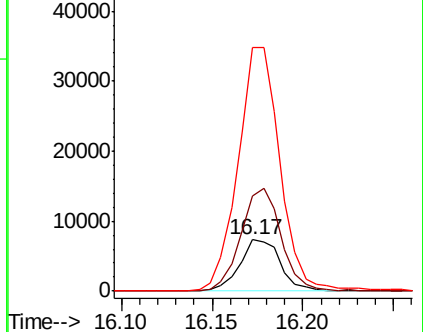
141 372.5 52.9 79.3#

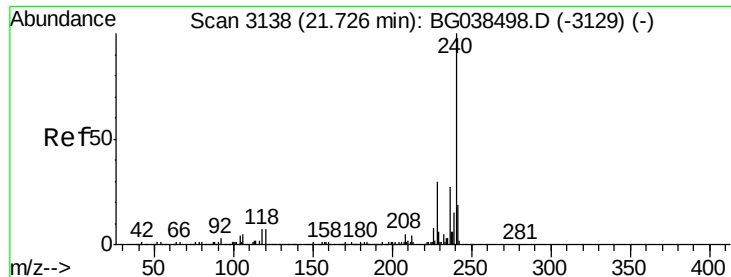


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

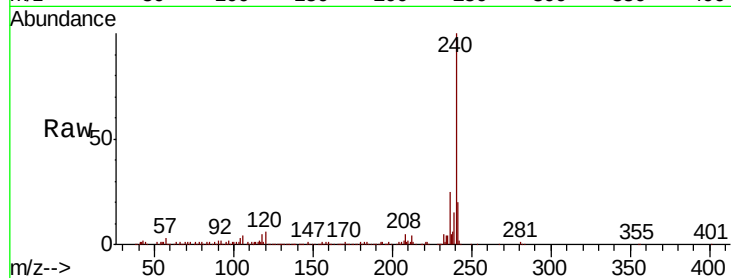




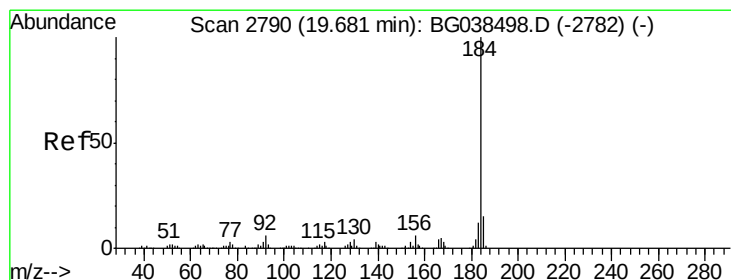
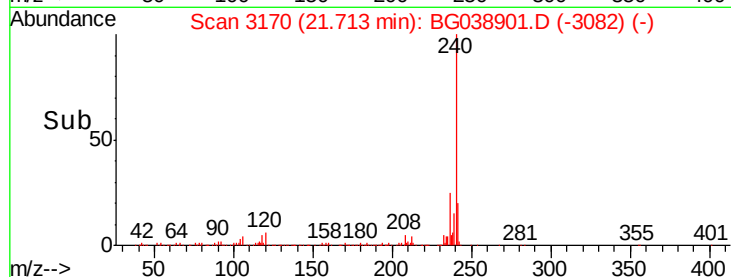
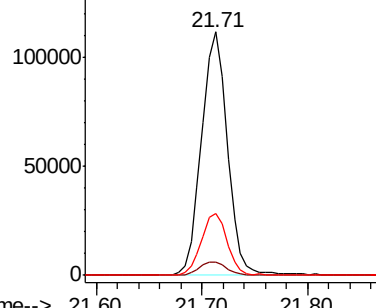
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038901.D
Acq: 2 Jan 2019 20:52

Instrument :
BNA_G
ClientSampleId :
MW05_122818

Tot Ion:240 Resp: 188946
Ion Ratio Lower Upper
240 100
120 5.6 5.3 7.9
236 25.4 21.4 32.2

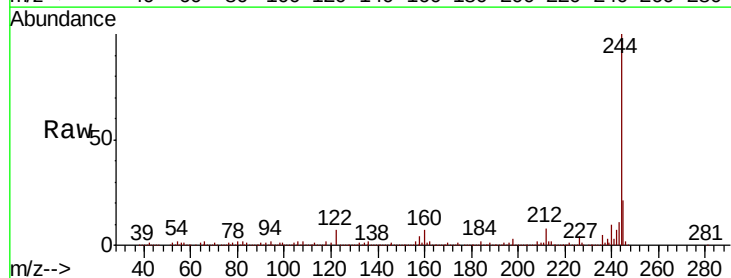


Abundance Ion 240.00 (239.70 to 240.70): E
150000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

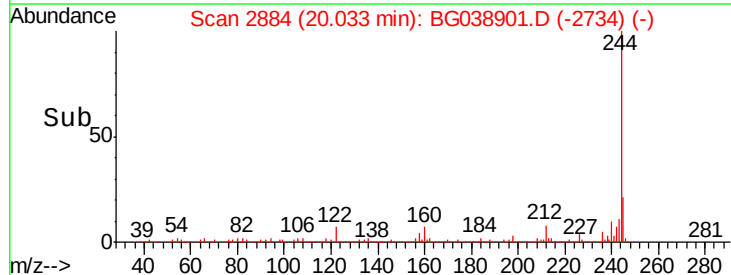
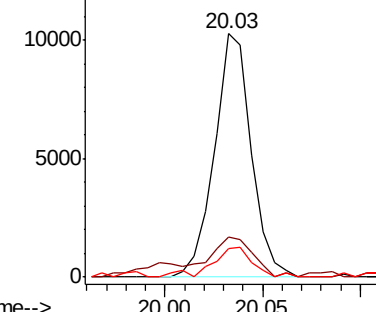


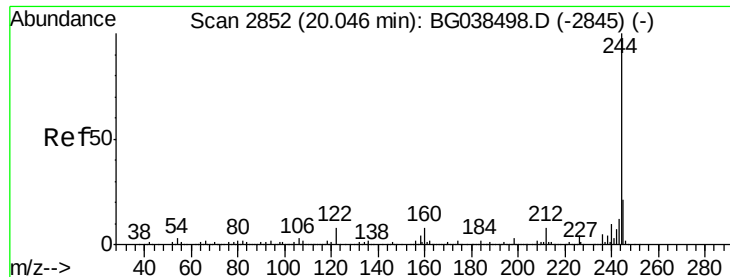
#77
Benzidine
Concen: 2.395 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.35 min
Lab File: BG038901.D
Acq: 2 Jan 2019 20:52

Tgt Ion:184 Resp: 13385
Ion Ratio Lower Upper
184 100
185 16.4 12.2 18.2
183 11.5 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
10000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 92.809 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038901.D

Acq: 2 Jan 2019 20:52

Instrument :

BNA_G

ClientSampleId :

MW05_122818

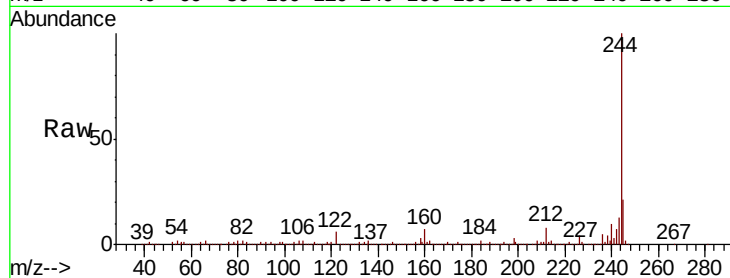
Tot Ion:244 Resp: 805756

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

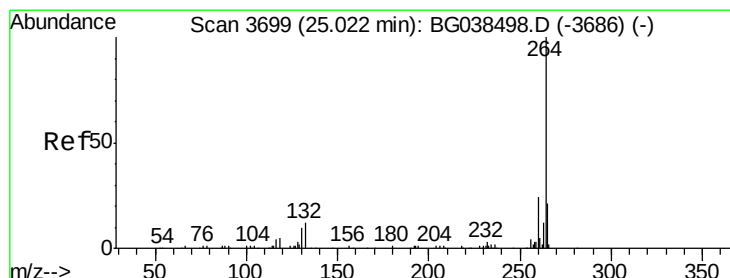
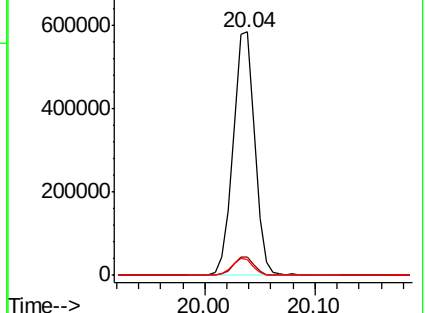
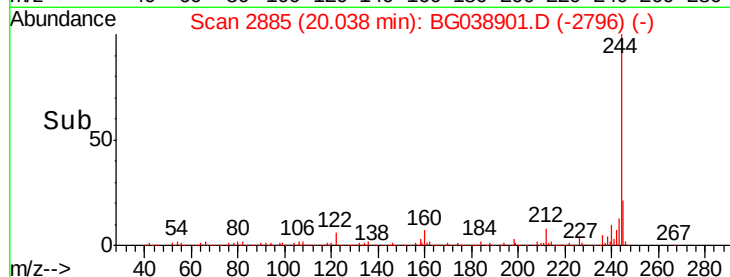
122 6.4 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038901.D

Acq: 2 Jan 2019 20:52

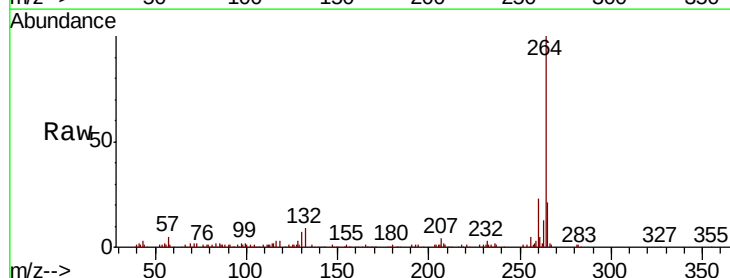
Tgt Ion:264 Resp: 195623

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.3 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

