

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037758.D
 Acq On : 2 Nov 2018 17:21
 Operator : JU/SJ
 Sample : J5776-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 02:28:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

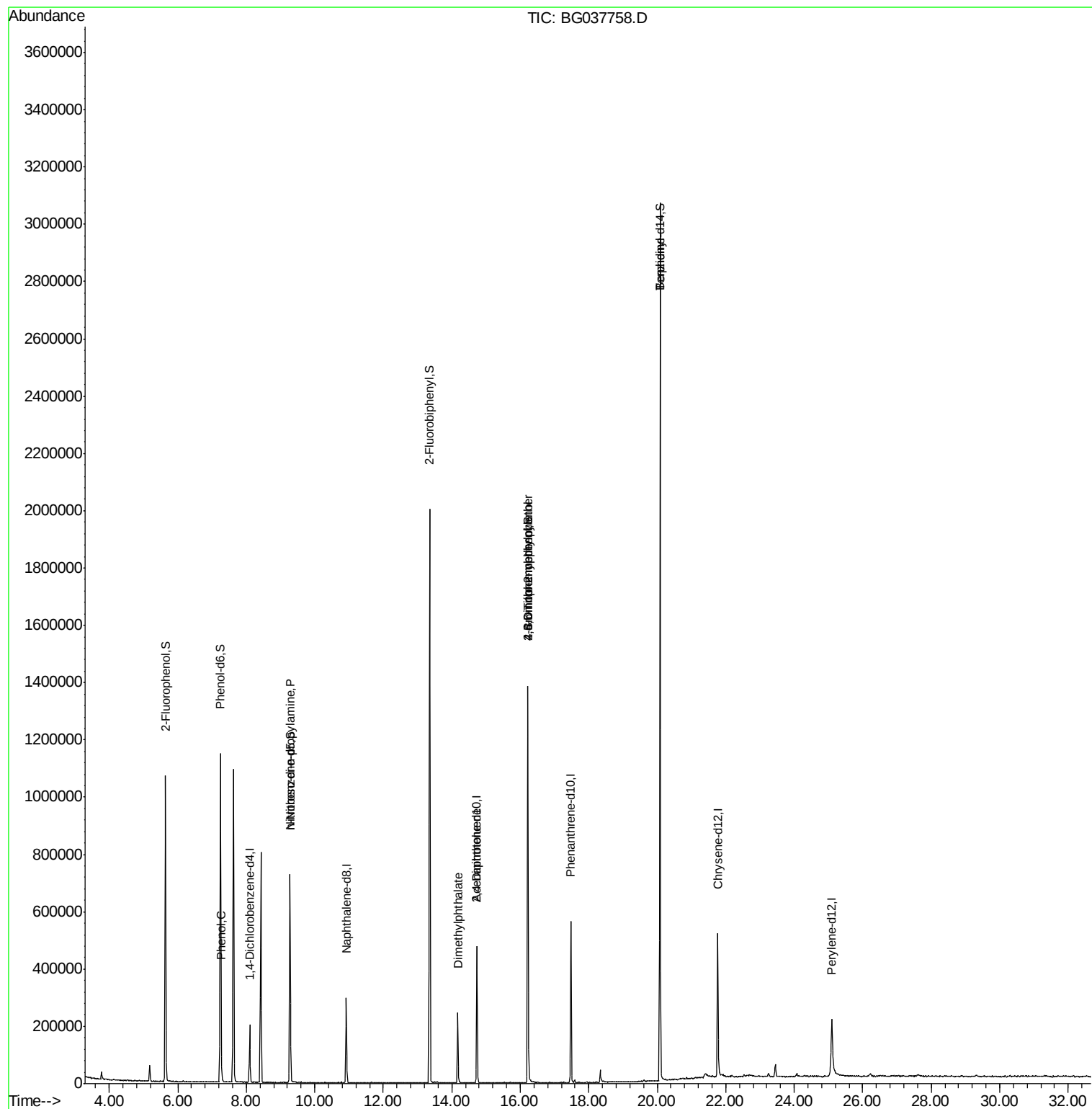
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	59203	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	261942	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	171269	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	377922	20.00	ng	0.00
76) Chrysene-d12	21.77	240	333902	20.00	ng	0.00
87) Perylene-d12	25.10	264	291717	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	501404	141.59	ng	0.00
7) Phenol-d6	7.24	99	750709	140.20	ng	0.00
23) Nitrobenzene-d5	9.27	82	453287	96.94	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	266946	142.90	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1115355	98.20	ng	-0.02
79) Terphenyl-d14	20.08	244	1490175	95.36	ng	0.00
Target Compounds						
10) Phenol	7.27	94	43855	7.762	ng	96
19) n-Nitroso-di-n-propylamine	9.27	70	58459	15.854	ng	# 70
50) Dimethylphthalate	14.17	163	175673	13.259	ng	99
57) 2,4-Dinitrotoluene	14.73	165	22036	5.727	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	922	8.890	ng	73
67) 4-Bromophenyl-phenylether	16.22	248	19978	4.814	ng	# 1
77) Benzidine	20.08	184	23817	2.098	ng	# 95

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

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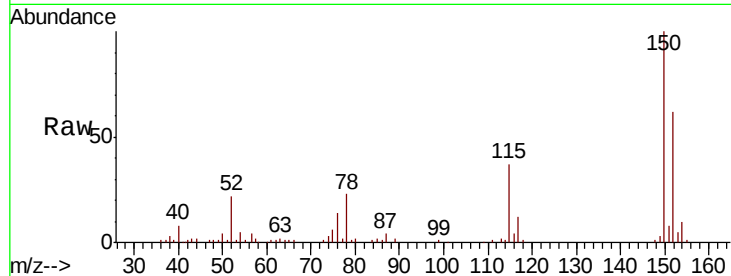


#1

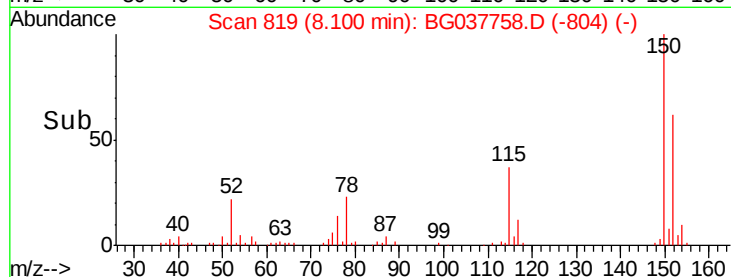
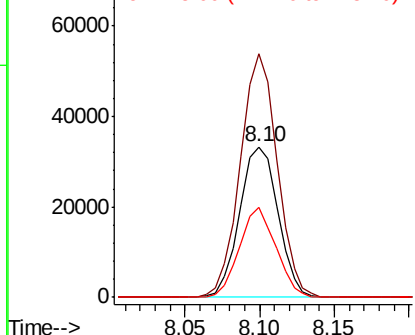
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59203
Ion Ratio Lower Upper
152 100
150 162.0 126.0 189.0
115 60.0 45.5 68.3



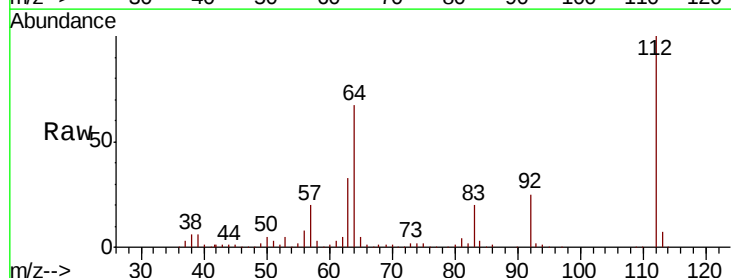
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



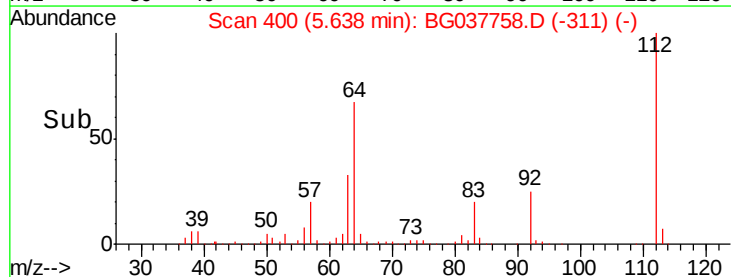
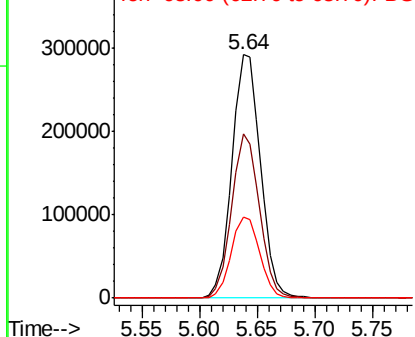
#5

2-Fluorophenol
Concen: 141.593 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Tgt Ion:112 Resp: 501404
Ion Ratio Lower Upper
112 100
64 67.5 53.1 79.7
63 33.2 27.3 40.9



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: 140.197 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037758.D

Acq: 2 Nov 2018 17:21

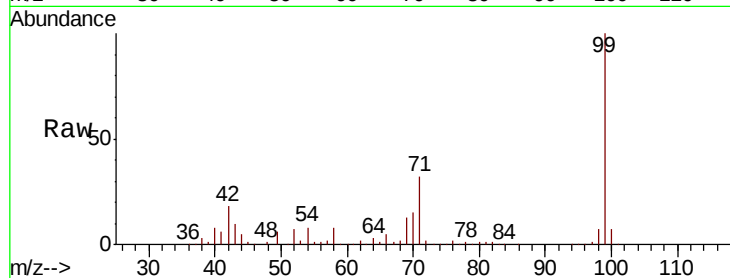
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 750709

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	31.5	25.5	38.3

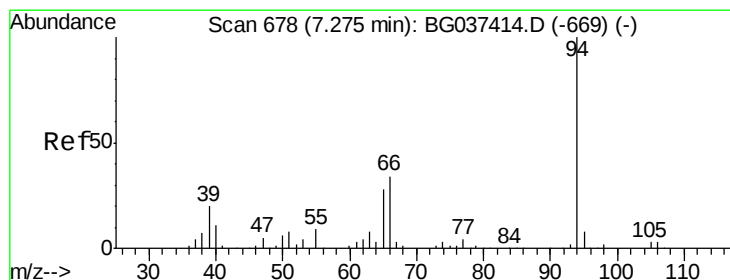
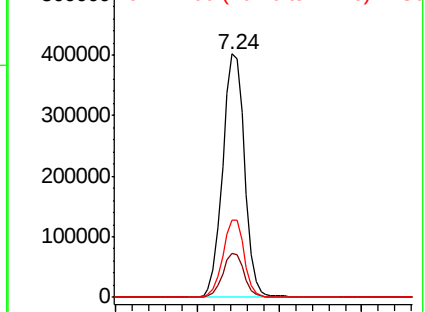
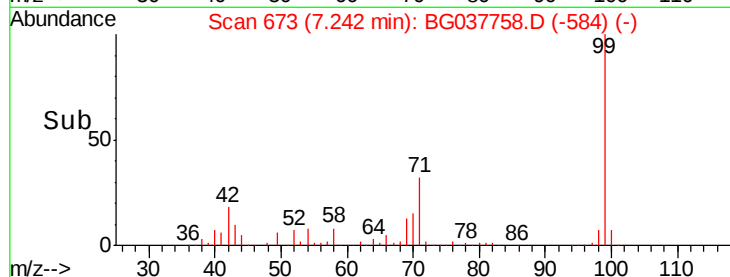


Abundance

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: 7.762 ng

RT: 7.27 min Scan# 678

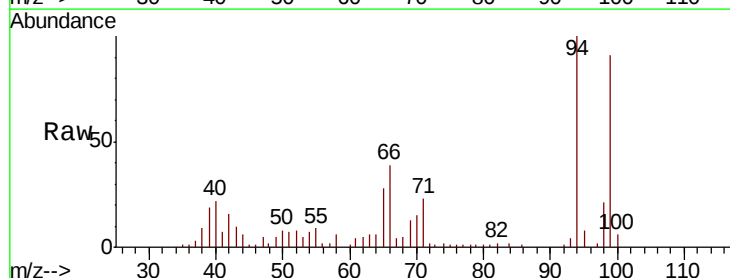
Delta R.T. -0.00 min

Lab File: BG037758.D

Acq: 2 Nov 2018 17:21

Tgt Ion: 94 Resp: 43855

Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.7	49.7
66	38.5	15.9	55.9

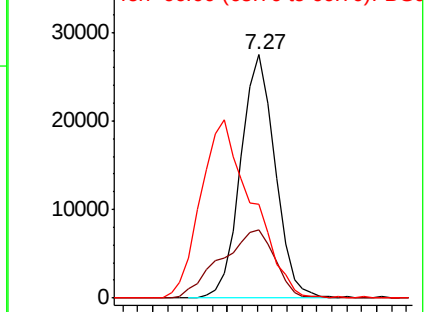
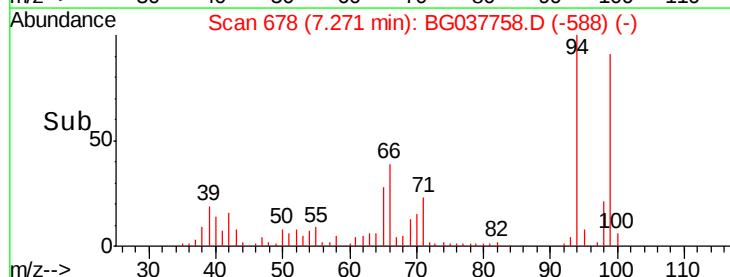


Abundance

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

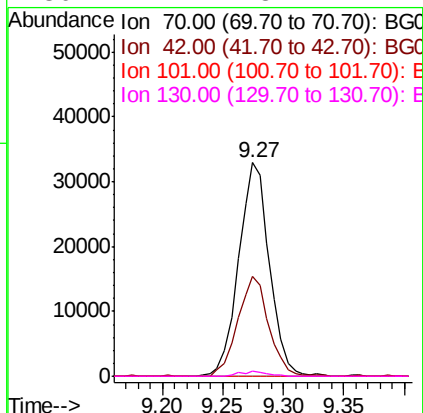
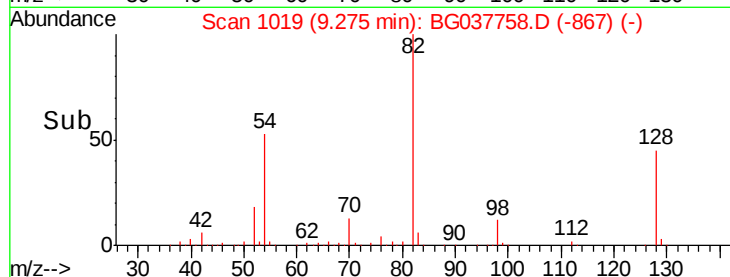
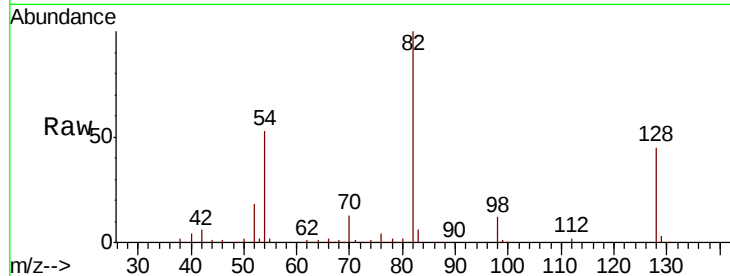




#19
n-Nitroso-di-n-propylamine
Concen: 15.854 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

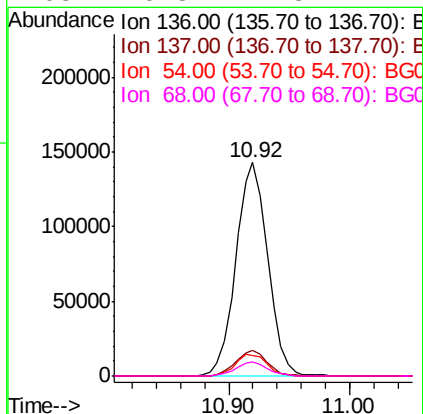
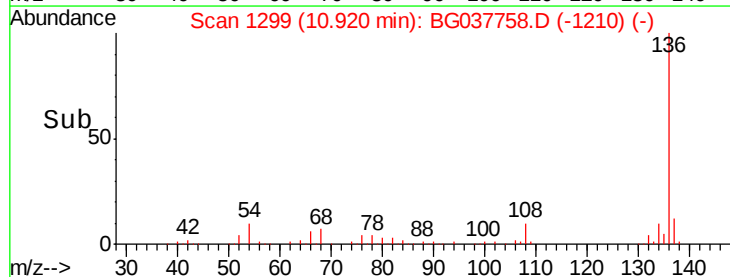
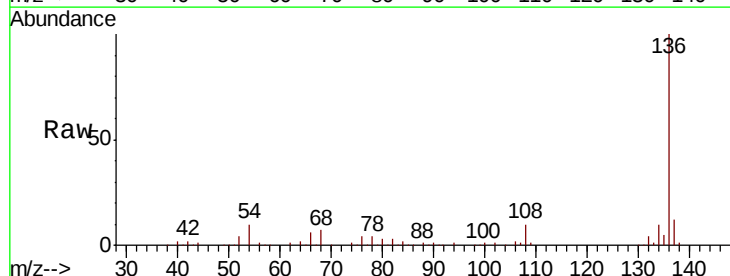
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 58459
Ion Ratio Lower Upper
70 100
42 46.6 53.9 80.9#
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Tgt Ion: 136 Resp: 261942
Ion Ratio Lower Upper
136 100
137 11.8 9.6 14.4
54 9.5 7.9 11.9
68 6.8 4.8 7.2

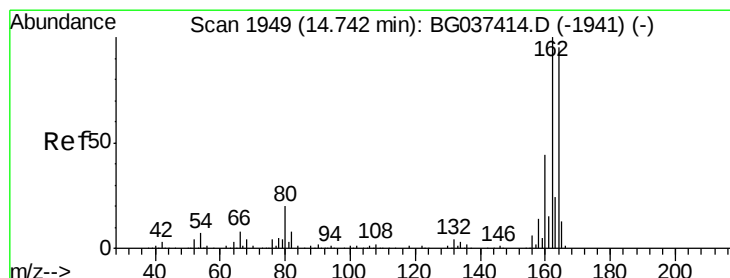
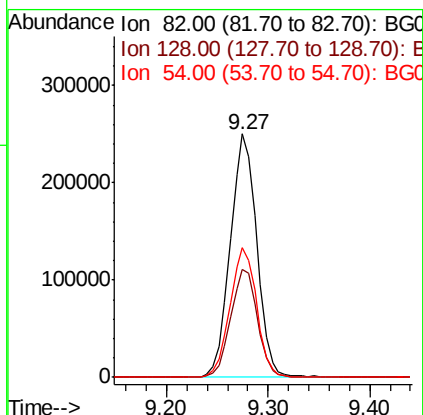
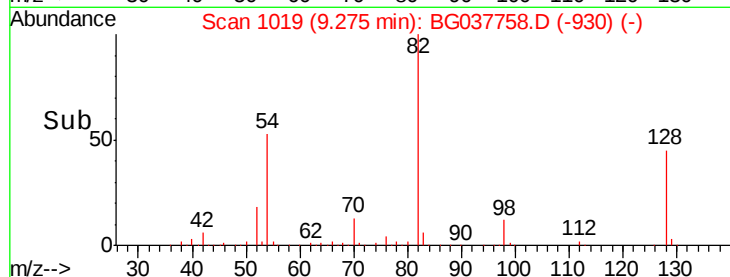
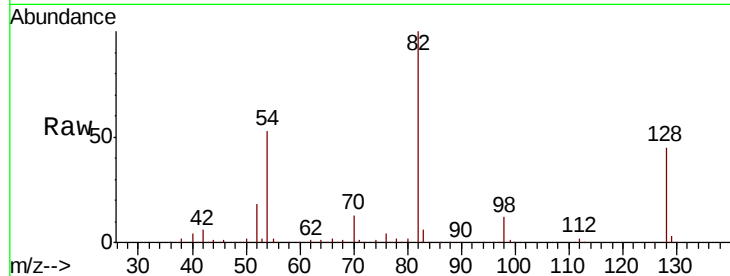




#23
Nitrobenzene-d5
Concen: 96.940 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

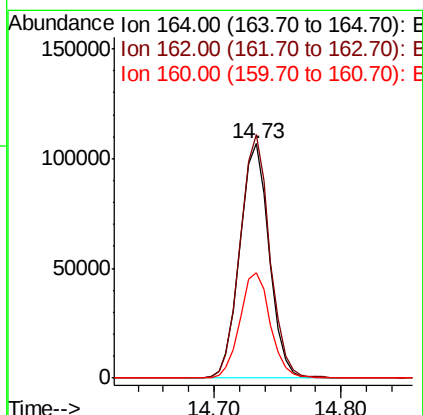
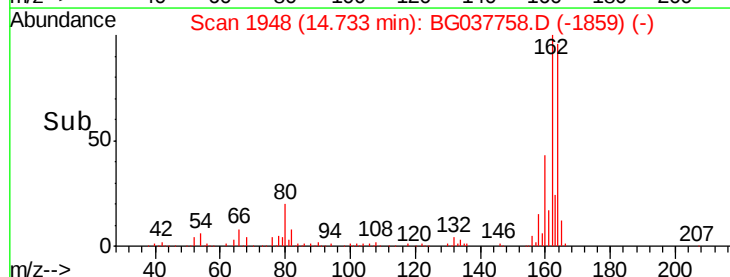
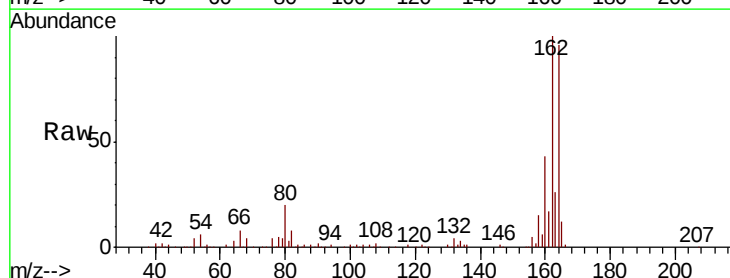
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 453287
Ion Ratio Lower Upper
82 100
128 44.6 34.6 51.8
54 53.1 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Tgt Ion: 164 Resp: 171269
Ion Ratio Lower Upper
164 100
162 104.0 81.3 121.9
160 44.9 36.3 54.5

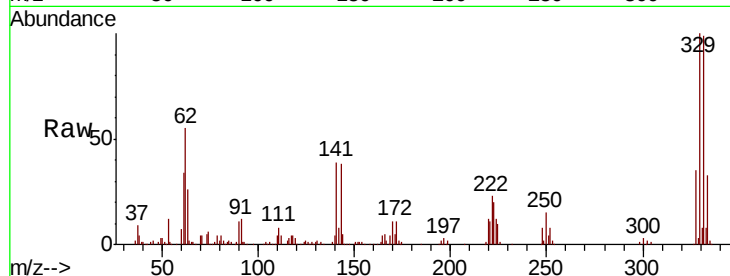




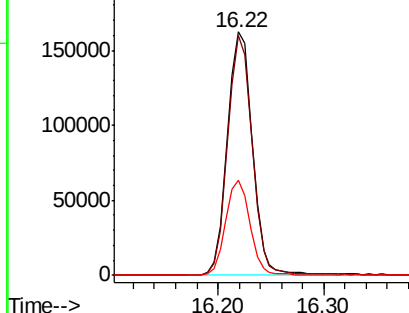
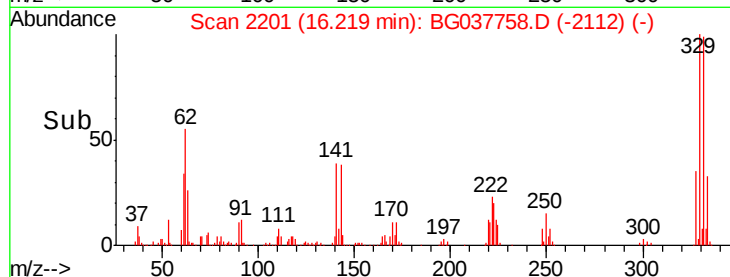
#42
 2,4,6-Tribromophenol
 Concen: 142.904 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037758.D
 Acq: 2 Nov 2018 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 266946
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.4 117.6
 141 38.3 32.2 48.2

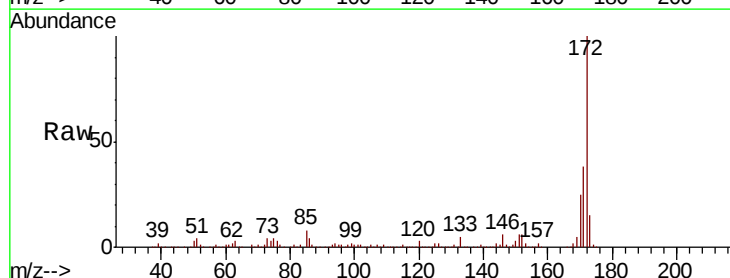


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

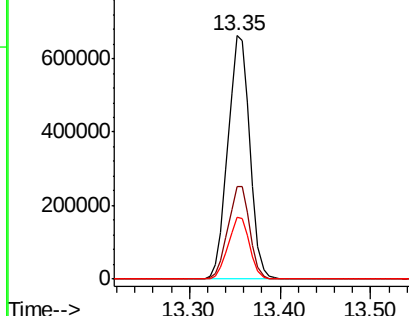
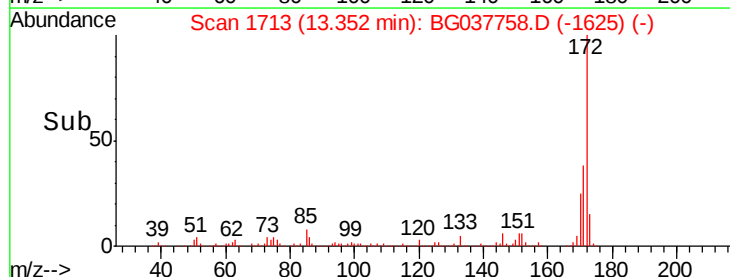


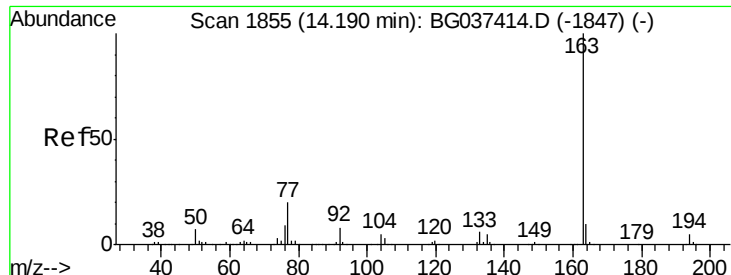
#45
 2-Fluorobiphenyl
 Concen: 98.202 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037758.D
 Acq: 2 Nov 2018 17:21

Tgt Ion:172 Resp: 1115355
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 25.4 20.2 30.2



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





#50

Dimethylphthalate

Concen: 13.259 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BG037758.D

Acq: 2 Nov 2018 17:21

Instrument :

BNA_G

ClientSampleId :

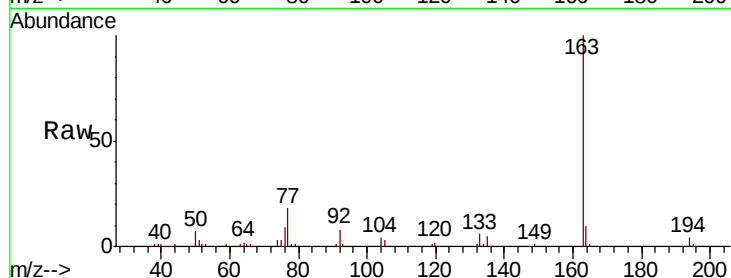
Tot Ion:163 Resp: 175673

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

164 10.0 8.5 12.7

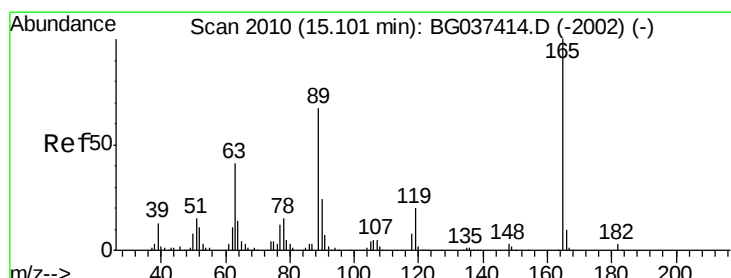
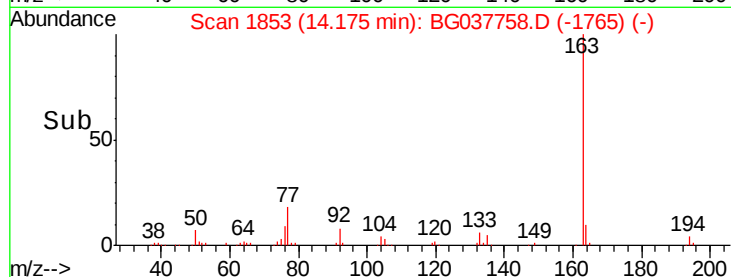
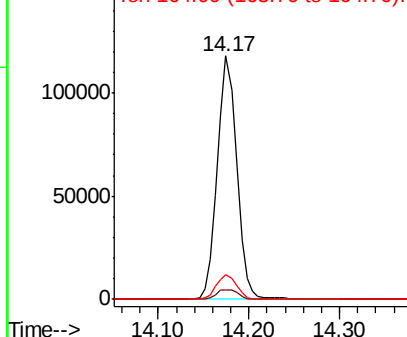


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.727 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037758.D

Acq: 2 Nov 2018 17:21

Tgt Ion:165 Resp: 22036

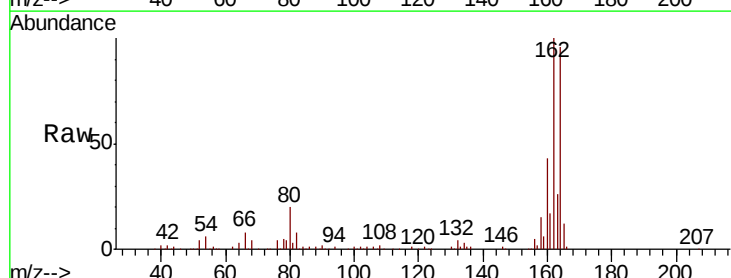
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 1.8 57.2 85.8#

182 0.0 2.6 4.0#



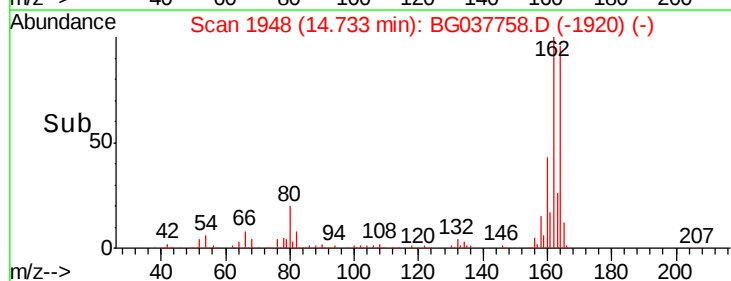
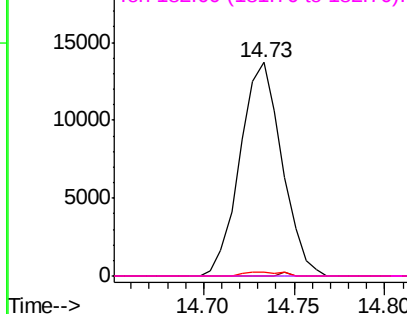
Abundance

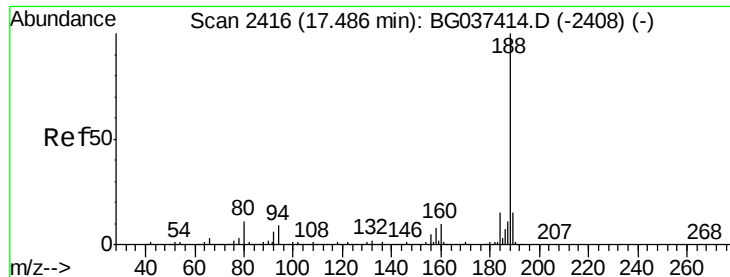
Ion 165.00 (164.70 to 165.70): E

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

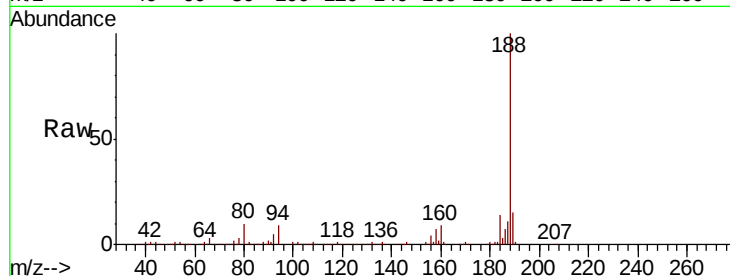




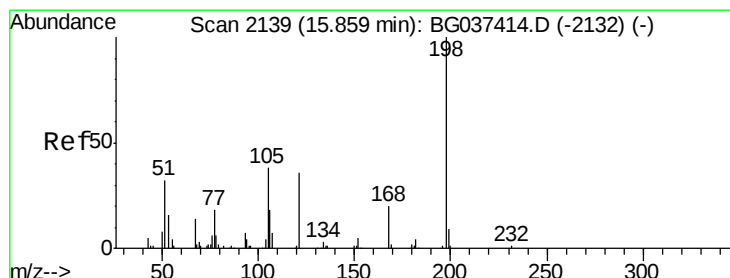
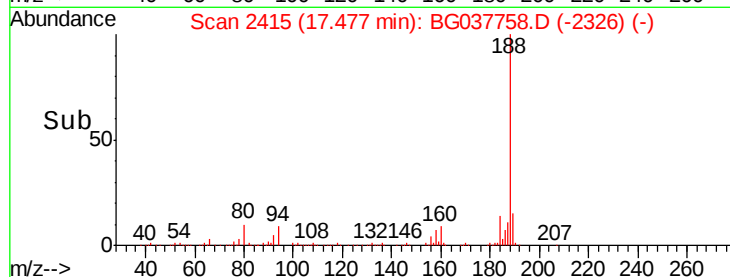
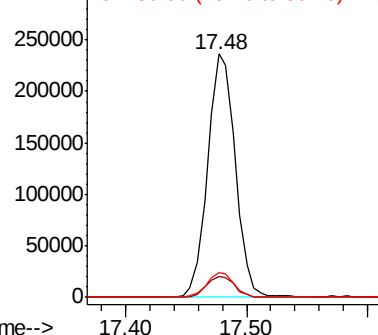
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 377922
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.2 7.7 11.5

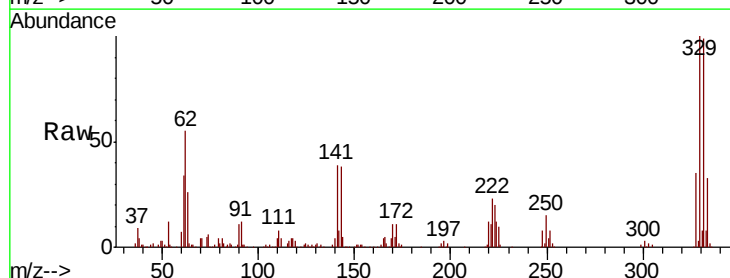


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

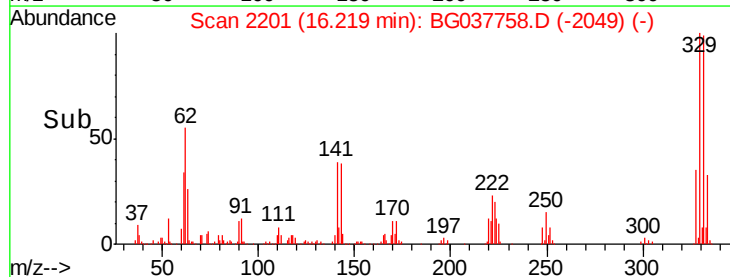
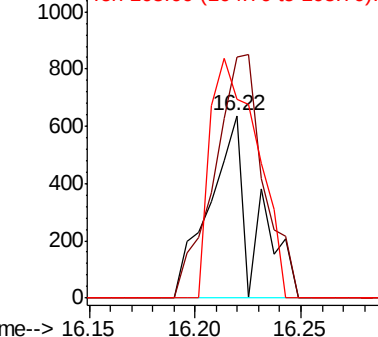


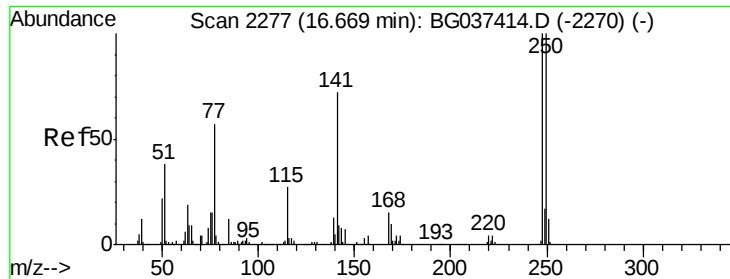
#65
4,6-Dinitro-2-methylphenol
Concen: 8.890 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Tgt Ion:198 Resp: 922
Ion Ratio Lower Upper
198 100
51 26.3 22.7 62.7
105 21.7 19.7 59.7



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





#67

4-Bromophenyl-phenylether

Concen: 4.814 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037758.D

Acq: 2 Nov 2018 17:21

Instrument :

BNA_G

ClientSampleId :

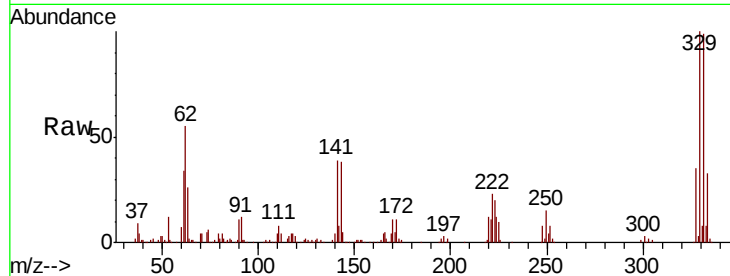
Tot Ion:248 Resp: 19978

Ion Ratio Lower Upper

248 100

250 186.2 77.0 115.6#

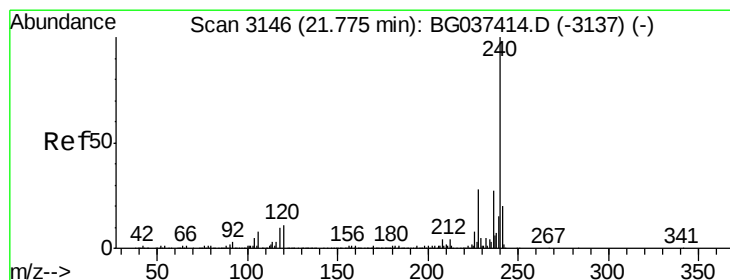
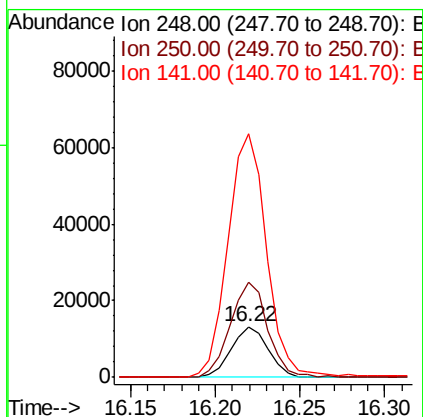
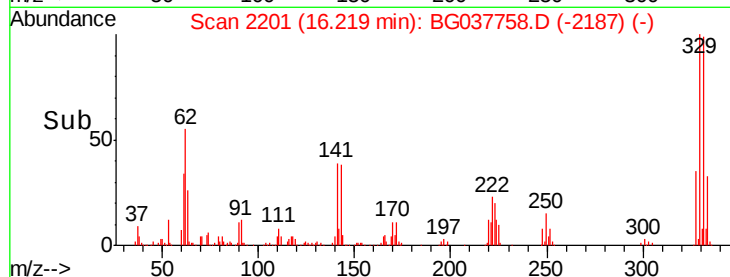
141 372.2 55.5 83.3#



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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037758.D

Acq: 2 Nov 2018 17:21

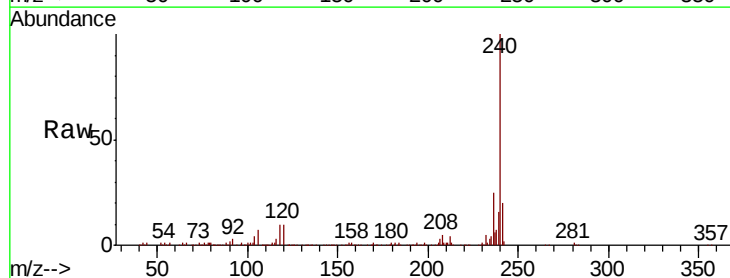
Tgt Ion:240 Resp: 333902

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

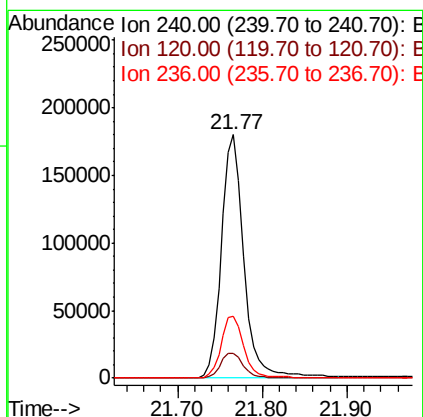
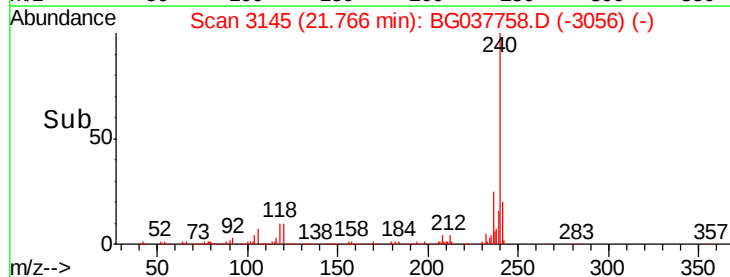
236 25.4 21.4 32.0

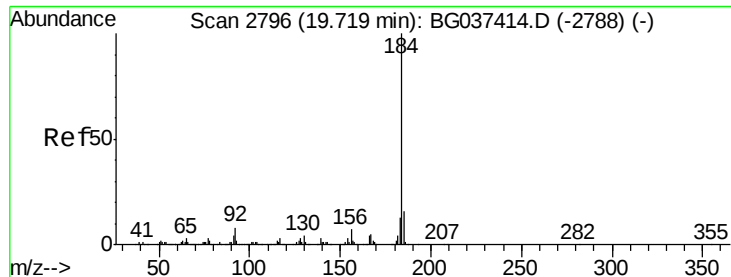


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.098 ng

RT: 20.08 min Scan# 2858

Delta R.T. 0.36 min

Lab File: BG037758.D

Acq: 2 Nov 2018 17:21

Instrument :

BNA_G

ClientSampleId :

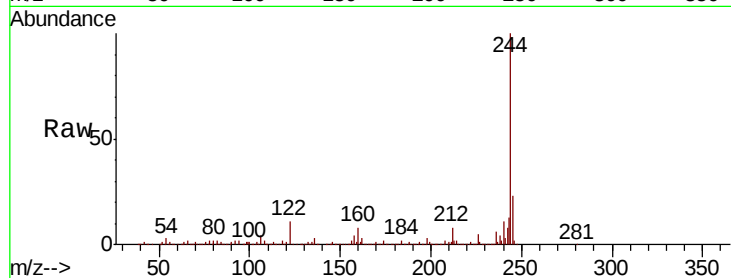
Tot Ion:184 Resp: 23817

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

183 8.3 10.2 15.2#

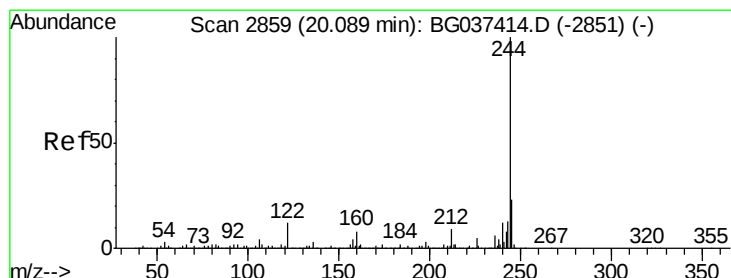
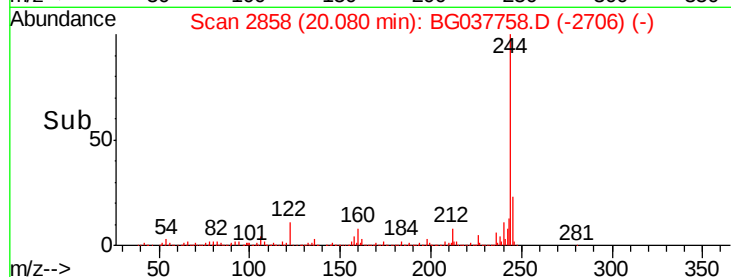
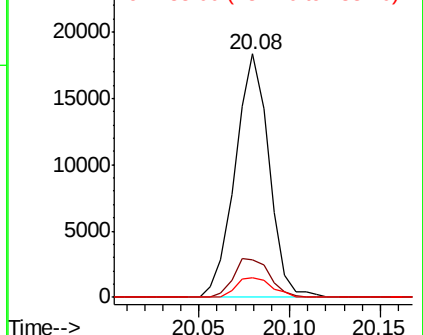


Abundance

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: 95.362 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037758.D

Acq: 2 Nov 2018 17:21

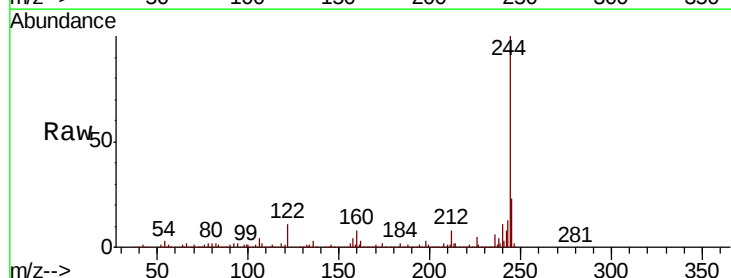
Tgt Ion:244 Resp: 1490175

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 11.2 9.0 13.4

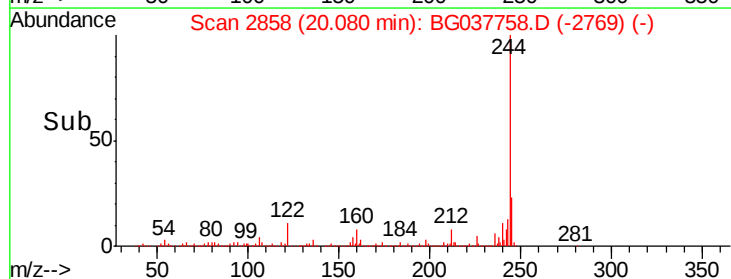
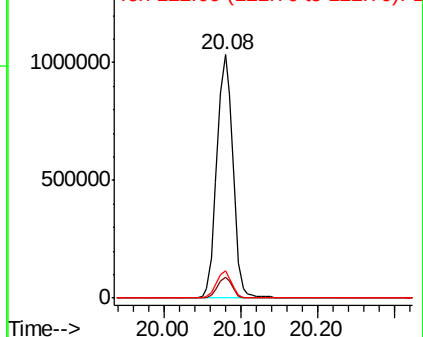


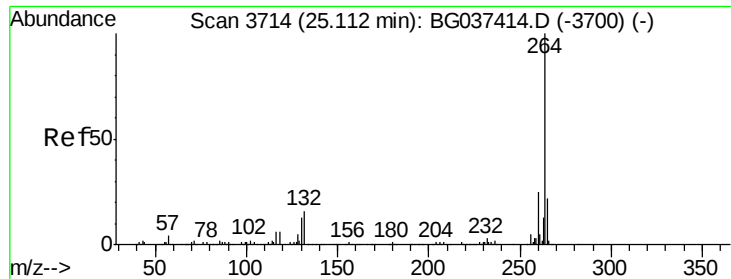
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	22.2	17.9	26.9

