

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037721.D
 Acq On : 1 Nov 2018 16:34
 Operator : JU/SJ
 Sample : J5741-31
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:09:28 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

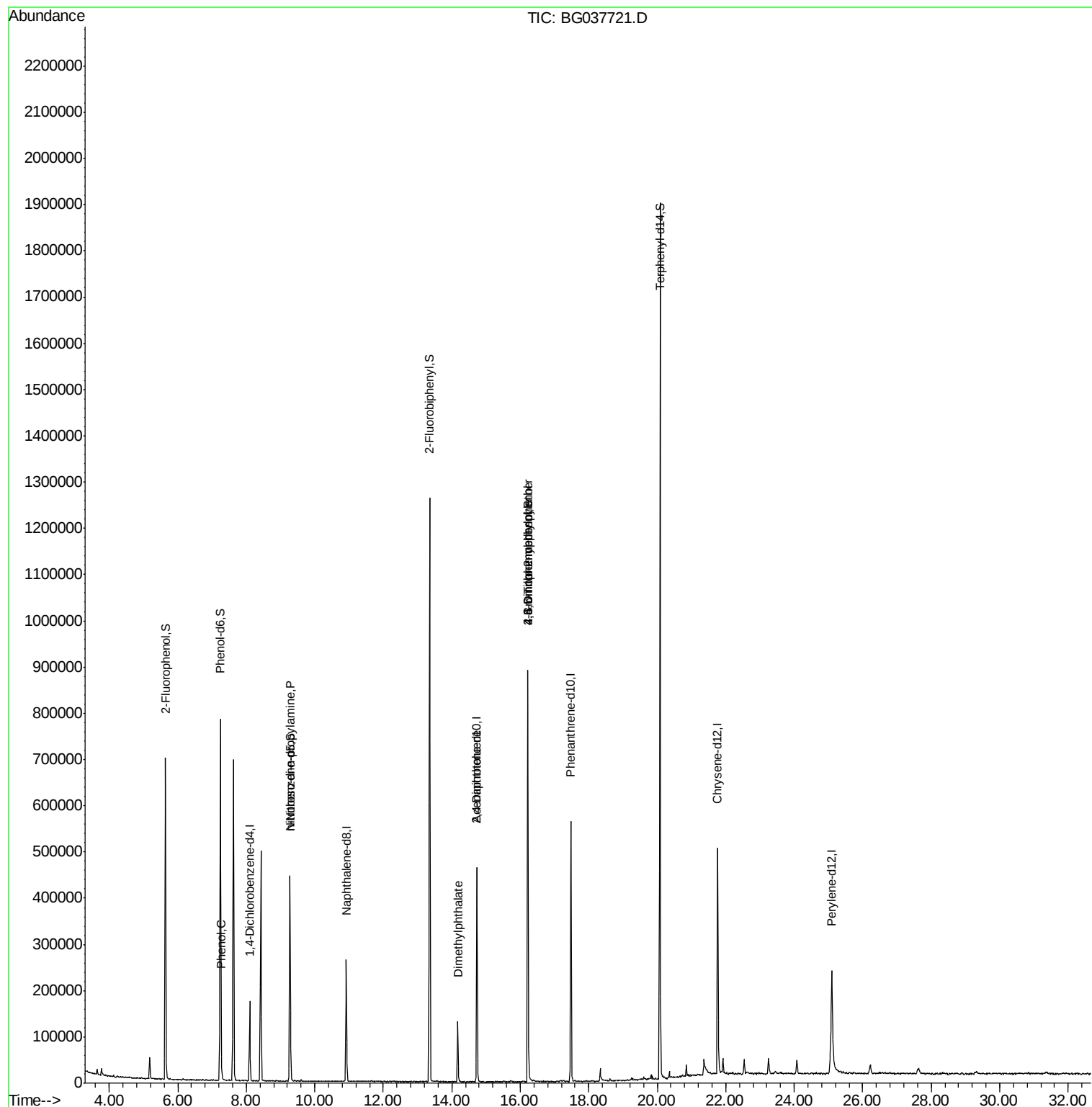
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51465	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	232365	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	161571	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	372103	20.00	ng	0.00
76) Chrysene-d12	21.76	240	330108	20.00	ng	-0.01
87) Perylene-d12	25.10	264	296066	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	324101	105.29	ng	0.00
7) Phenol-d6	7.24	99	488299	104.90	ng	0.00
23) Nitrobenzene-d5	9.28	82	286458	69.06	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	162949	92.47	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	674118	62.92	ng	-0.01
79) Terphenyl-d14	20.08	244	964516	62.43	ng	0.00
Target Compounds						
10) Phenol	7.27	94	29778	6.063	ng	95
19) n-Nitroso-di-n-propylamine	9.28	70	35982	11.226	ng	# 74
50) Dimethylphthalate	14.18	163	95518	7.642	ng	99
57) 2,4-Dinitrotoluene	14.73	165	20685	5.699	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	641	8.778	ng	# 72
67) 4-Bromophenyl-phenylether	16.22	248	11657	2.853	ng	# 1

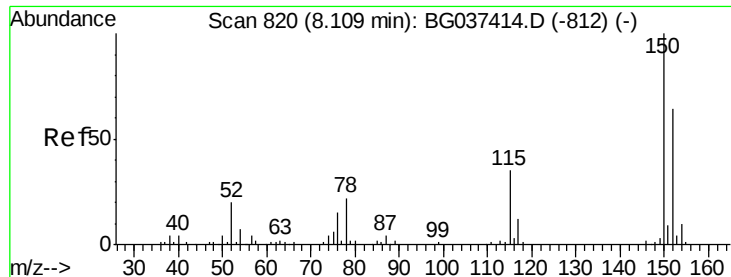
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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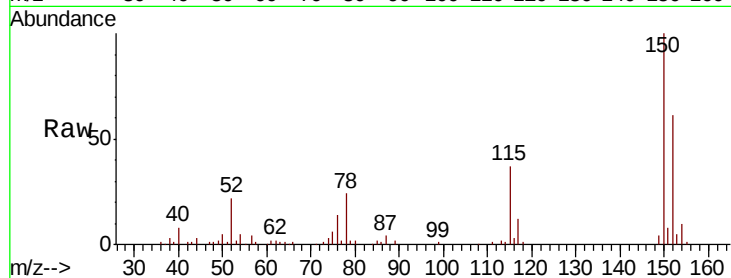


#1

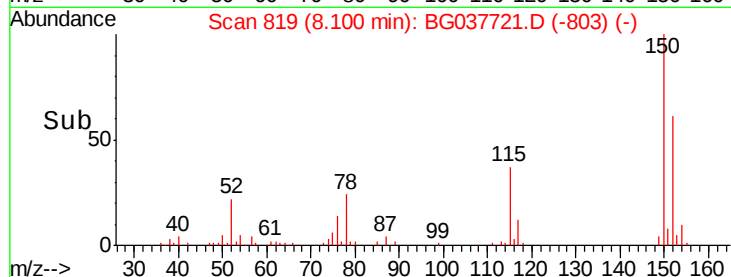
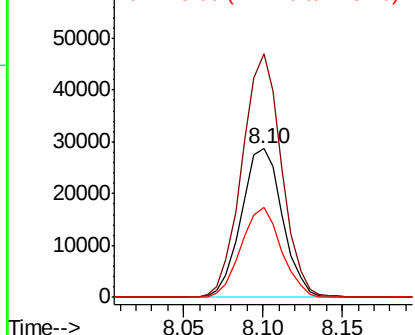
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037721.D
Acq: 1 Nov 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51465
Ion Ratio Lower Upper
152 100
150 163.8 126.0 189.0
115 60.5 45.5 68.3



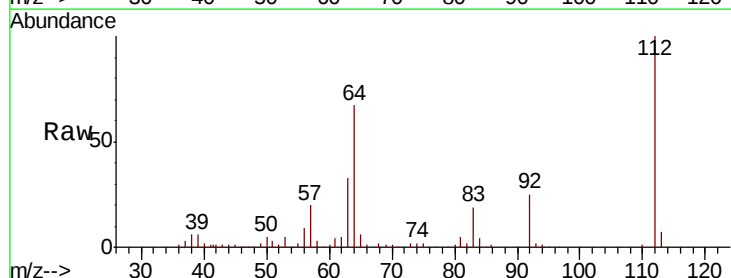
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



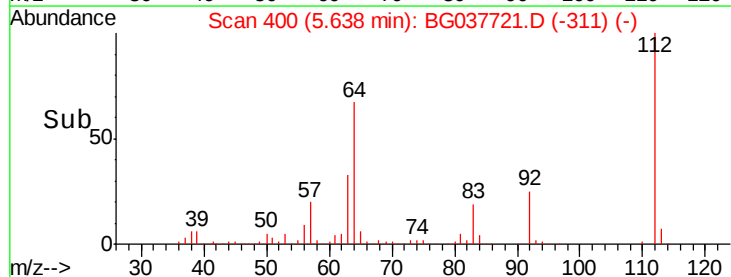
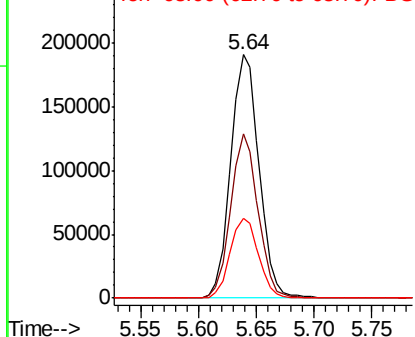
#5

2-Fluorophenol
Concen: 105.285 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037721.D
Acq: 1 Nov 2018 16:34

Tgt Ion:112 Resp: 324101
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 32.9 27.3 40.9



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: 104.902 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037721.D

Acq: 1 Nov 2018 16:34

Instrument :

BNA_G

ClientSampled :

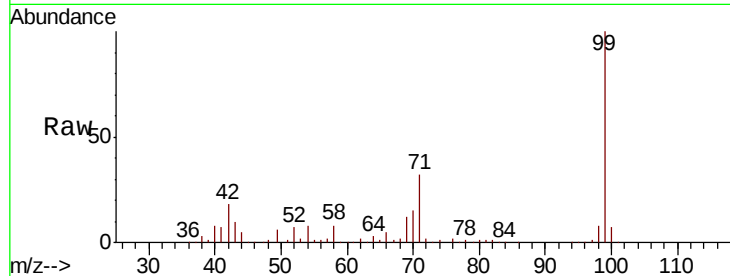
Tot Ion: 99 Resp: 488299

Ion Ratio Lower Upper

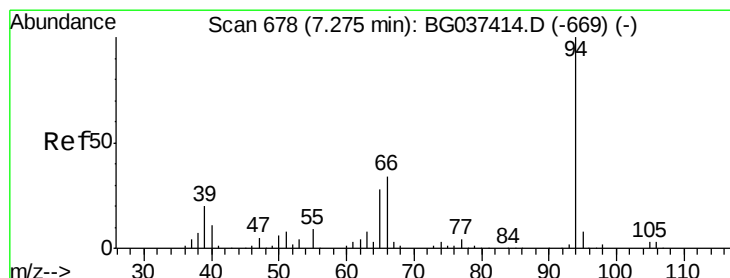
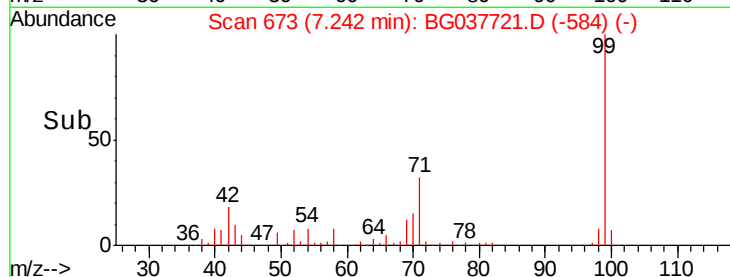
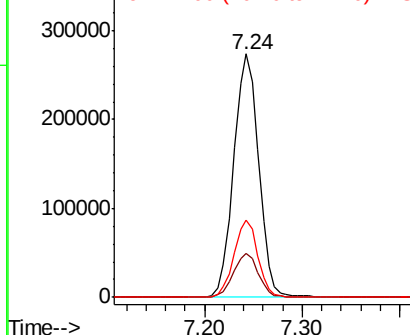
99 100

42 18.2 15.0 22.4

71 31.9 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: 6.063 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037721.D

Acq: 1 Nov 2018 16:34

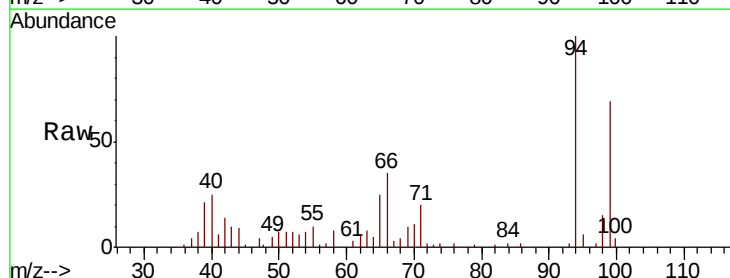
Tgt Ion: 94 Resp: 29778

Ion Ratio Lower Upper

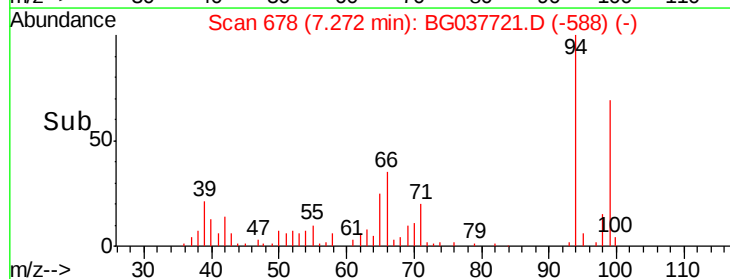
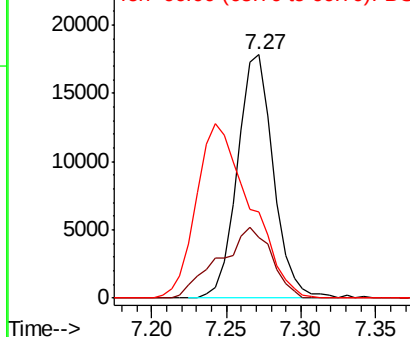
94 100

65 24.8 9.7 49.7

66 35.3 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

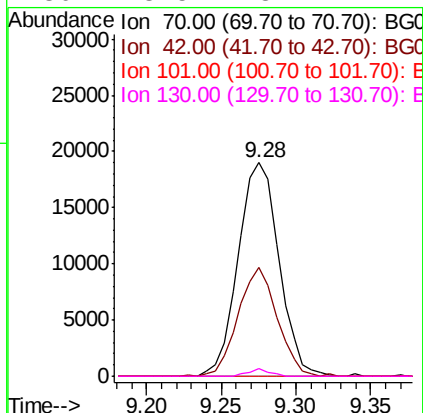
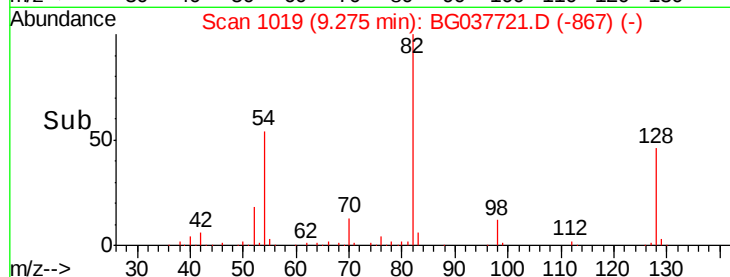
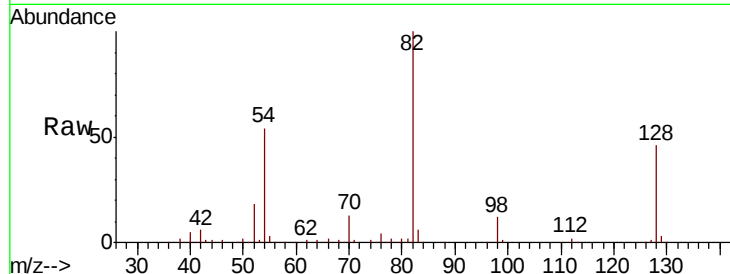




#19
n-Nitroso-di-n-propylamine
Concen: 11.226 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037721.D
Acq: 1 Nov 2018 16:34

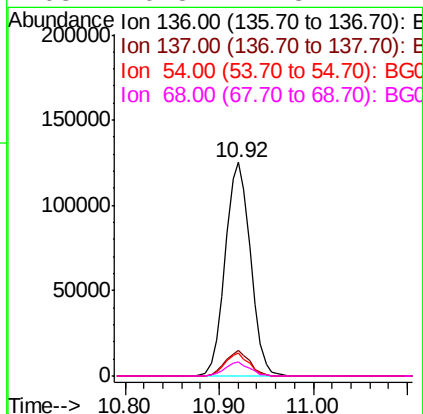
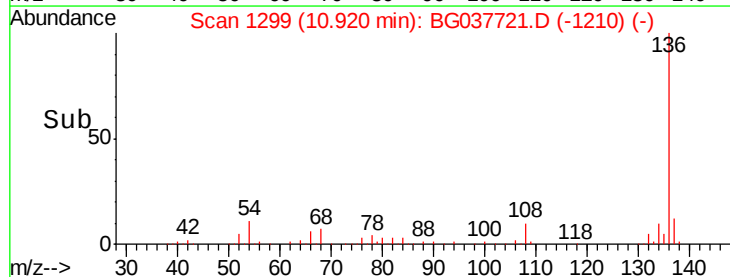
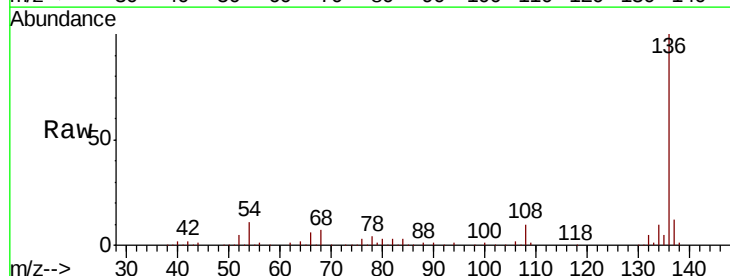
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 35982
Ion Ratio Lower Upper
70 100
42 51.0 53.9 80.9#
101 0.0 8.2 12.2#
130 3.5 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: BG037721.D
Acq: 1 Nov 2018 16:34

Tgt Ion: 136 Resp: 232365
Ion Ratio Lower Upper
136 100
137 11.8 9.6 14.4
54 11.0 7.9 11.9
68 6.8 4.8 7.2

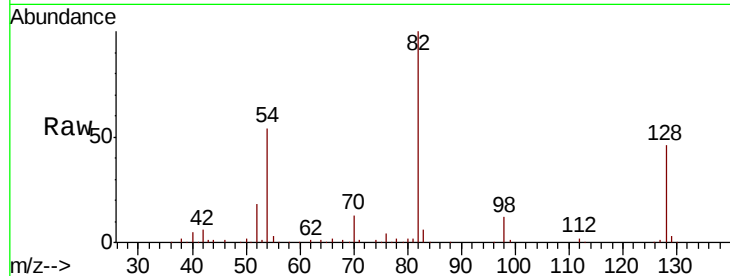




#23
Nitrobenzene-d5
Concen: 69.060 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037721.D
Acq: 1 Nov 2018 16:34

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	286458
Ion Ratio	Lower	Upper	
82	100		
128	46.3	34.6	51.8
54	54.4	45.3	67.9

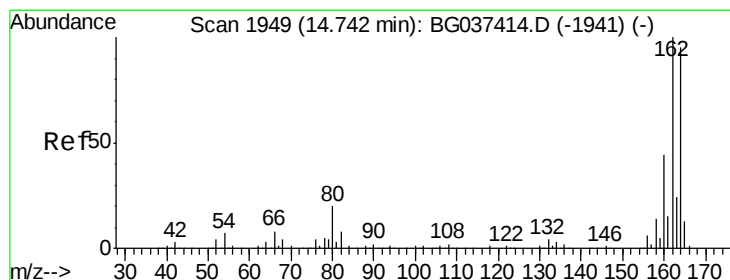
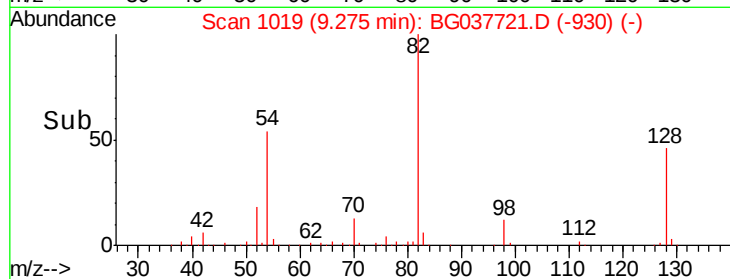
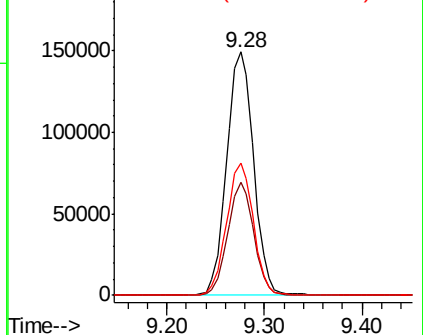


Abundance

Ion 82.00 (81.70 to 82.70): BGC

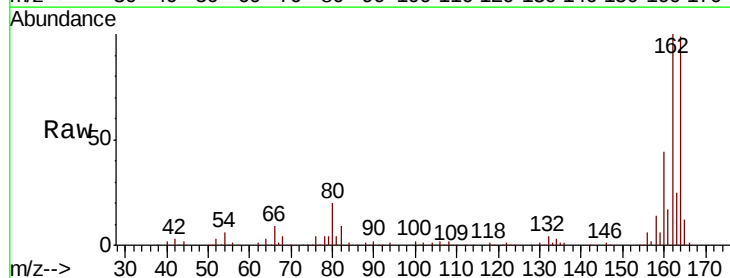
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037721.D
Acq: 1 Nov 2018 16:34

Tgt Ion	164	Resp	161571
Ion Ratio	Lower	Upper	
164	100		
162	101.3	81.3	121.9
160	44.7	36.3	54.5

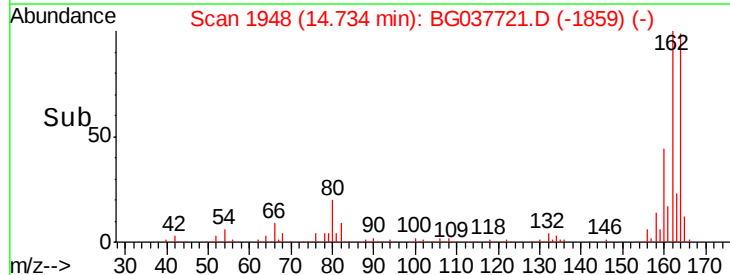
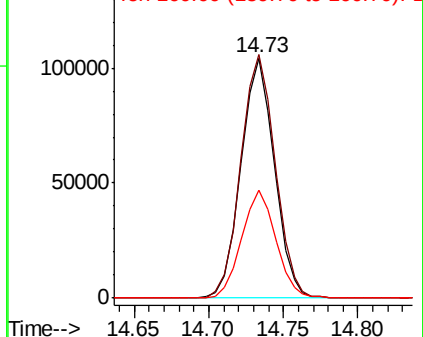


Abundance

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: 92.467 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037721.D

Acq: 1 Nov 2018 16:34

Instrument :

BNA_G

ClientSampleId :

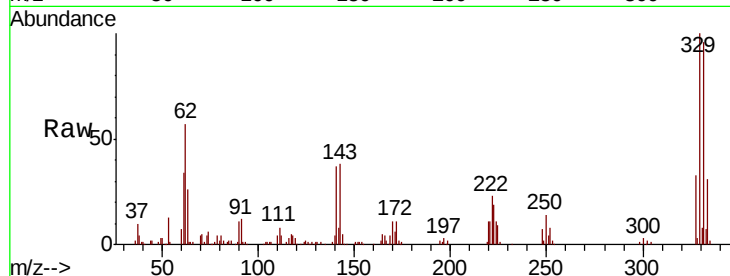
Tot Ion:330 Resp: 162949

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

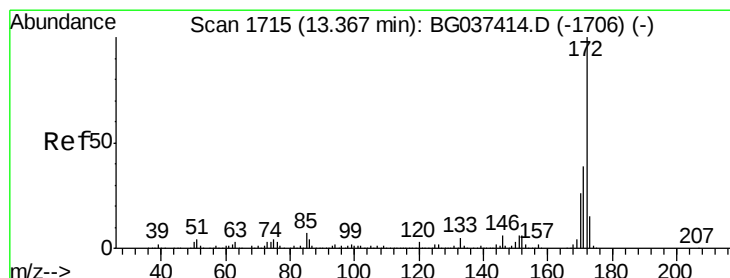
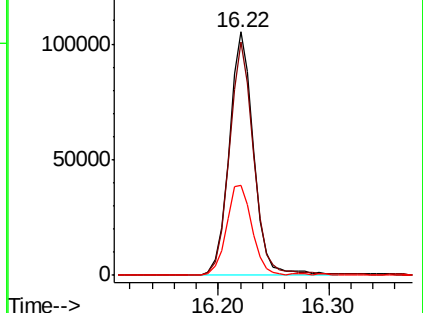
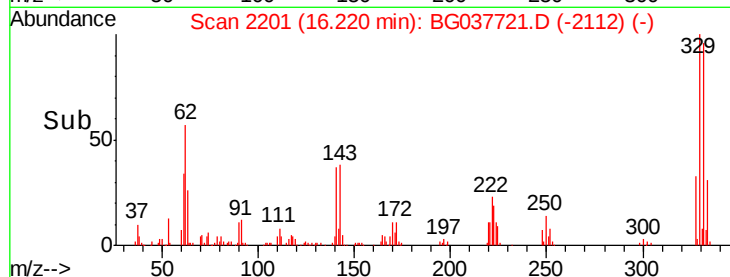
141 39.0 32.2 48.2



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: 62.916 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037721.D

Acq: 1 Nov 2018 16:34

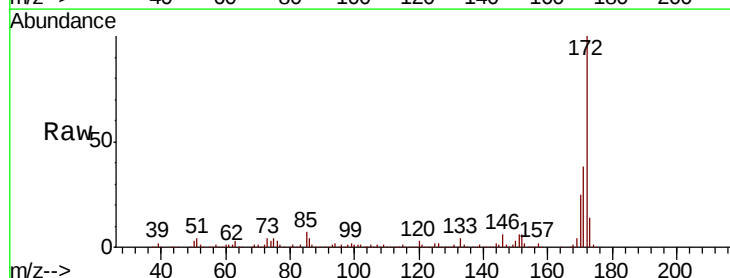
Tgt Ion:172 Resp: 674118

Ion Ratio Lower Upper

172 100

171 38.0 31.0 46.4

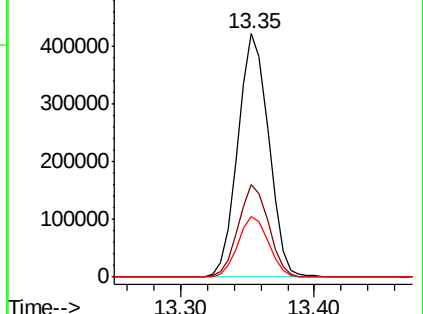
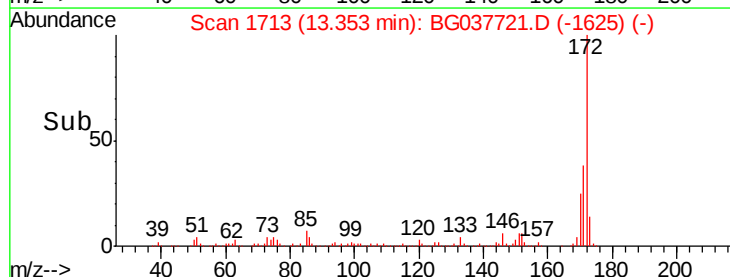
170 24.8 20.2 30.2

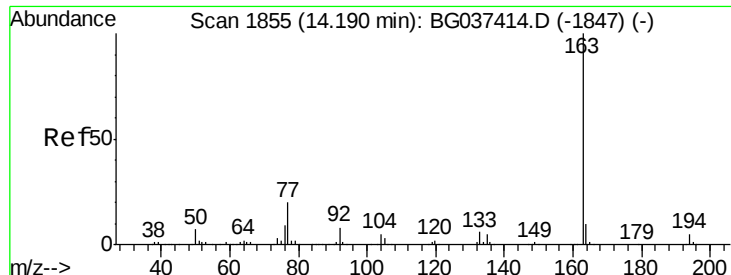


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.642 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037721.D

Acq: 1 Nov 2018 16:34

Instrument :

BNA_G

ClientSampleId :

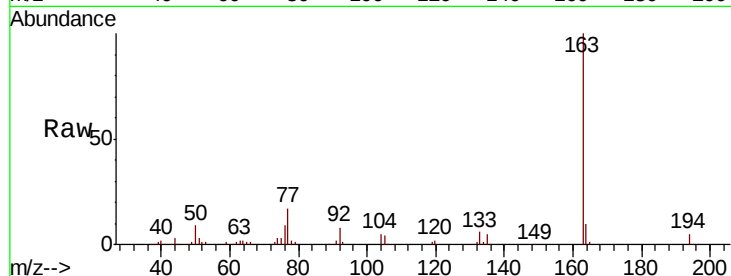
Tot Ion:163 Resp: 95518

Ion Ratio Lower Upper

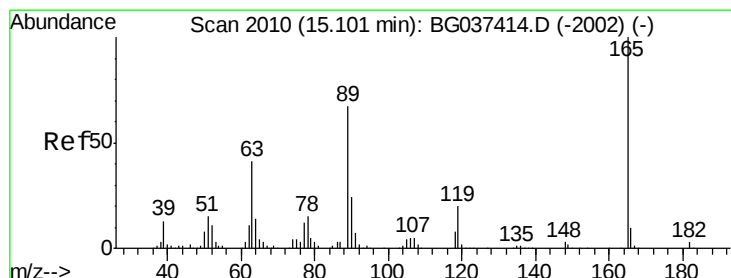
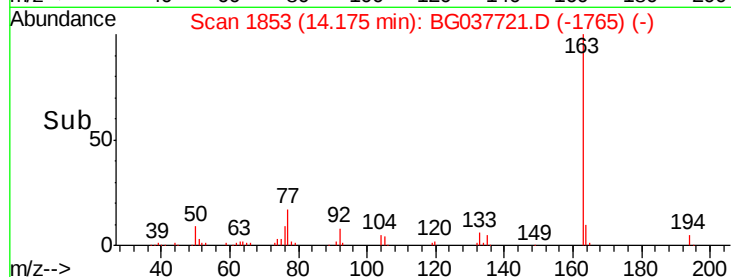
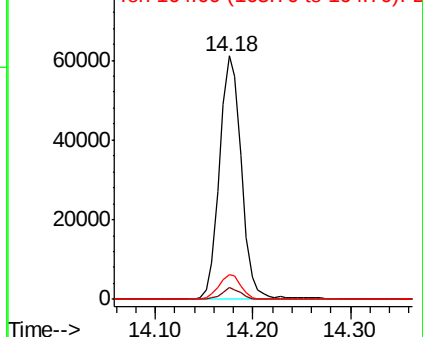
163 100

194 4.9 3.5 5.3

164 10.2 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: 5.699 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037721.D

Acq: 1 Nov 2018 16:34

Tgt Ion:165 Resp: 20685

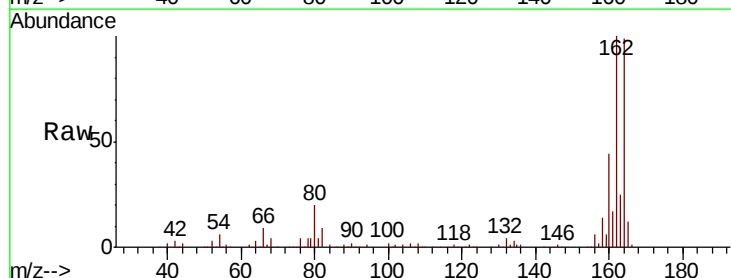
Ion Ratio Lower Upper

165 100

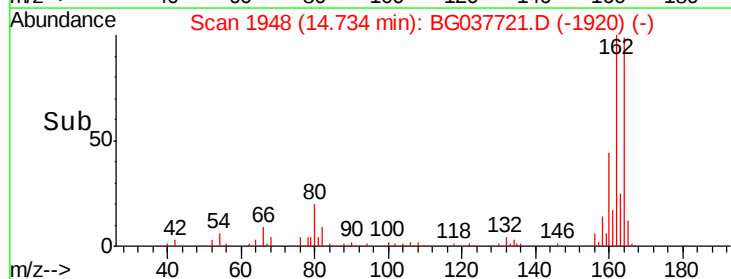
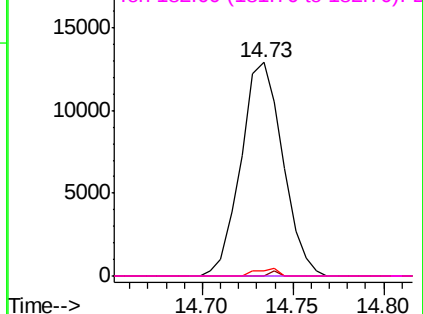
63 0.0 33.4 50.0#

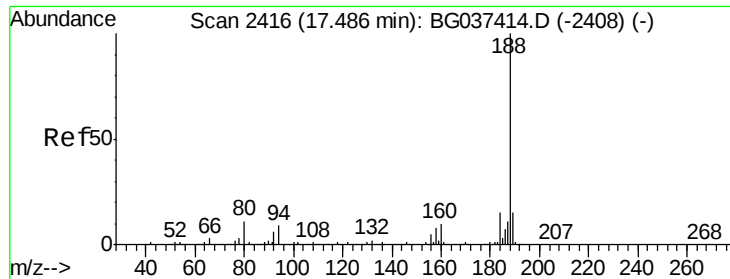
89 2.2 57.2 85.8#

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: BG037721.D

Acq: 1 Nov 2018 16:34

Instrument :

BNA_G

ClientSampleId :

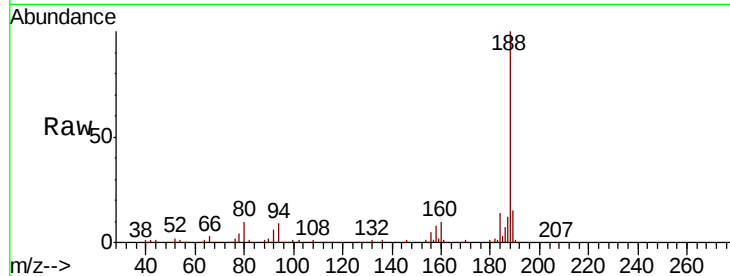
Tot Ion:188 Resp: 372103

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

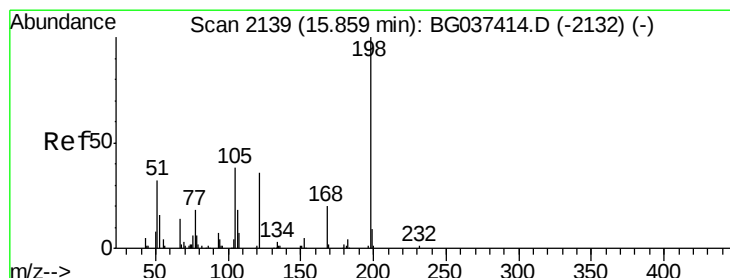
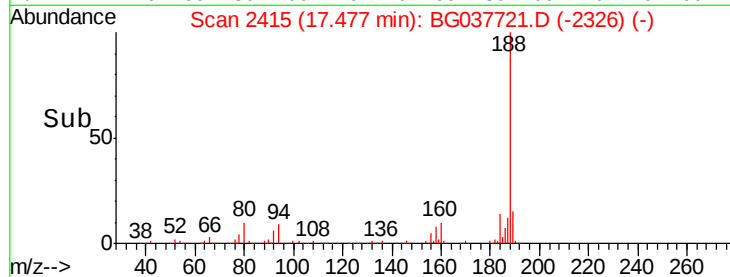
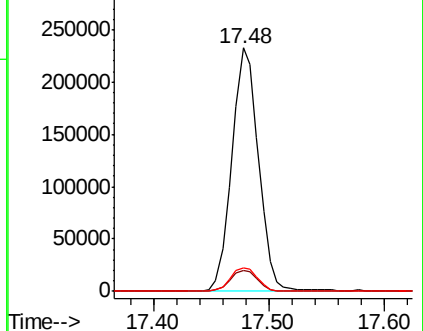
80 9.8 7.7 11.5



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: 8.778 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037721.D

Acq: 1 Nov 2018 16:34

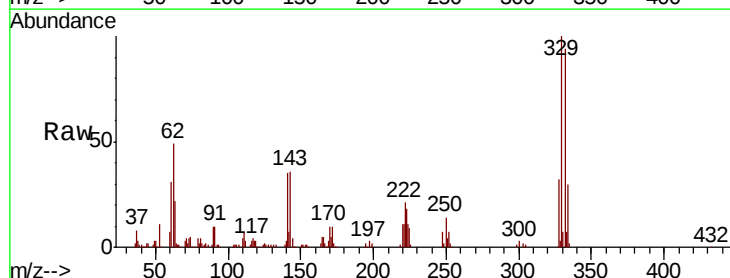
Tgt Ion:198 Resp: 641

Ion Ratio Lower Upper

198 100

51 21.4 22.7 62.7#

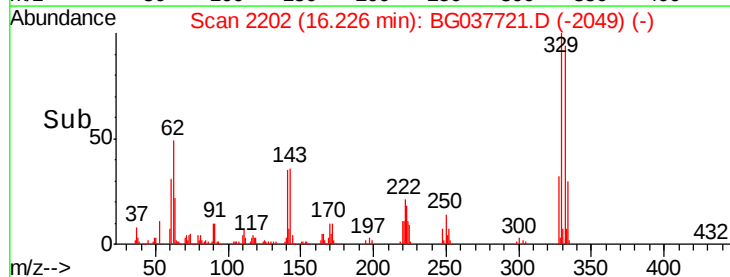
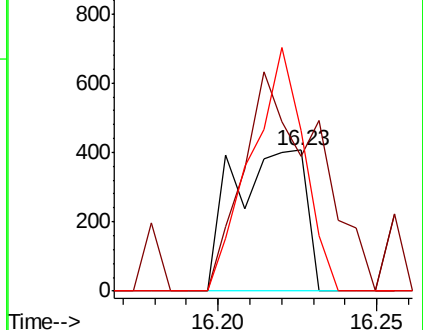
105 25.5 19.7 59.7



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

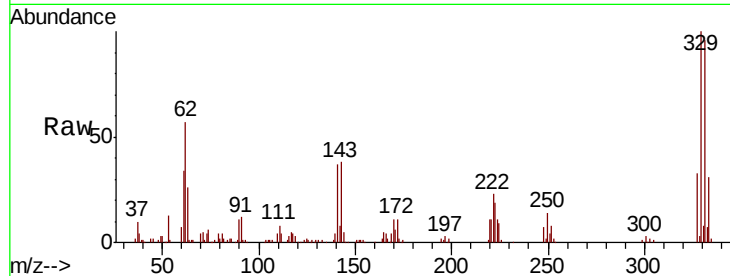




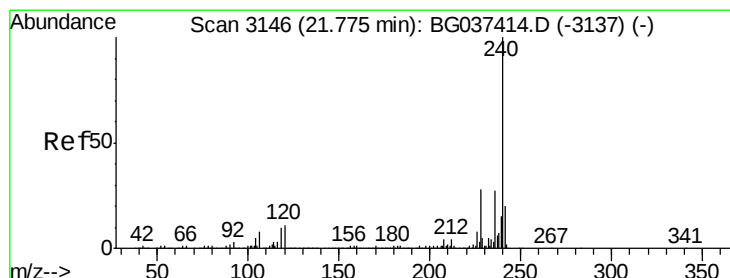
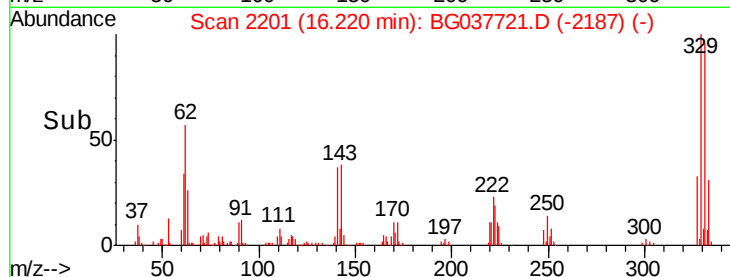
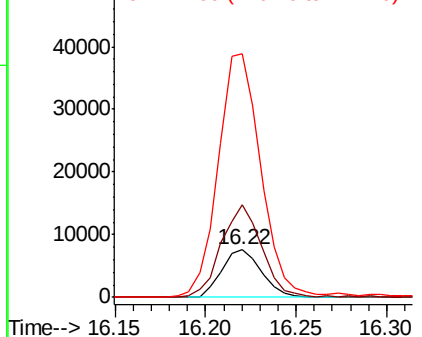
#67
 4-Bromophenyl-phenylether
 Concen: 2.853 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037721.D
 Acq: 1 Nov 2018 16:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 11657
 Ion Ratio Lower Upper
 248 100
 250 190.1 77.0 115.6#
 141 391.3 55.5 83.3#

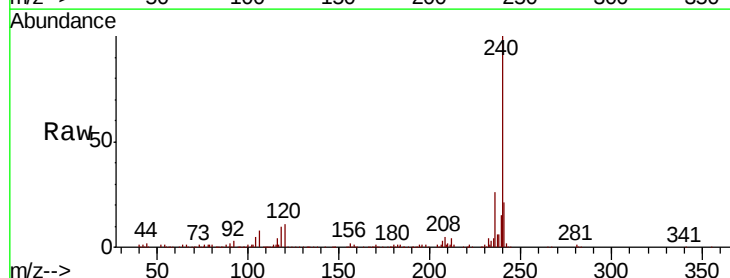


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

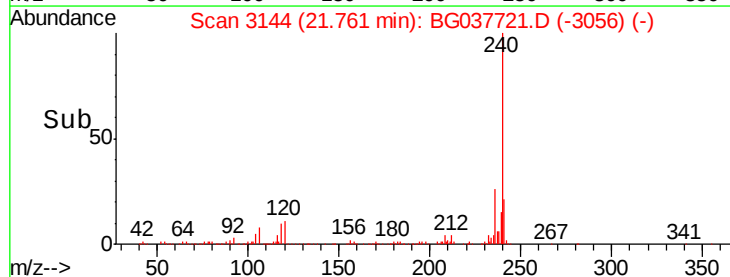
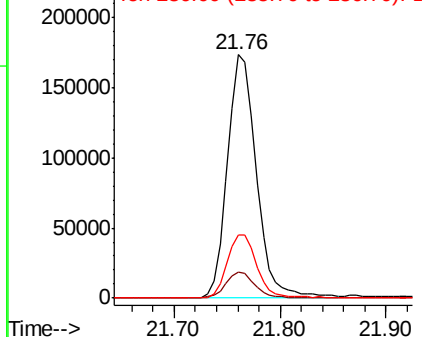


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037721.D
 Acq: 1 Nov 2018 16:34

Tgt Ion:240 Resp: 330108
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.1 12.1
 236 25.9 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





#79

Terphenyl-d14

Concen: 62.432 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037721.D

Acq: 1 Nov 2018 16:34

Instrument :

BNA_G

ClientSampleId :

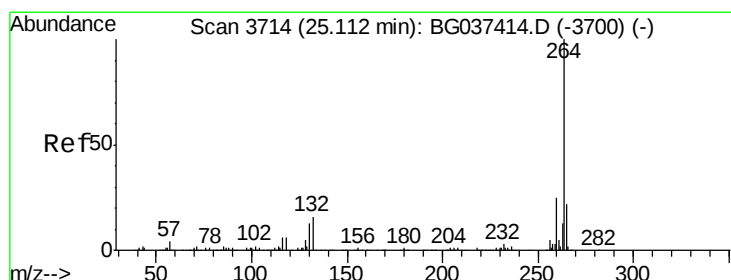
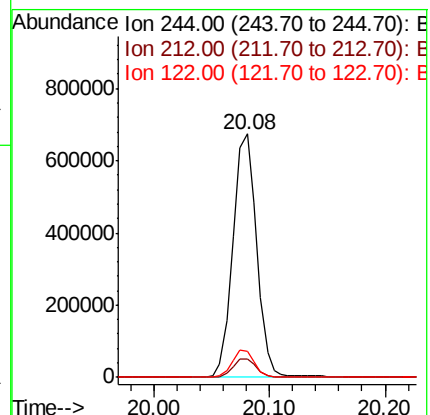
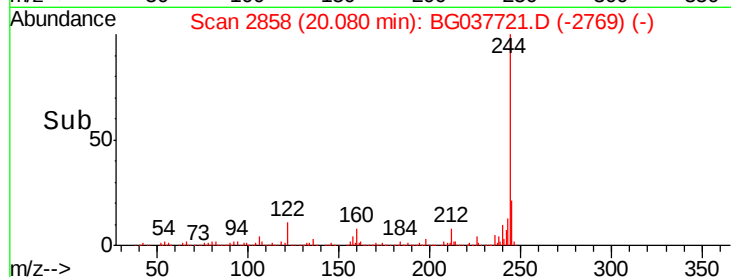
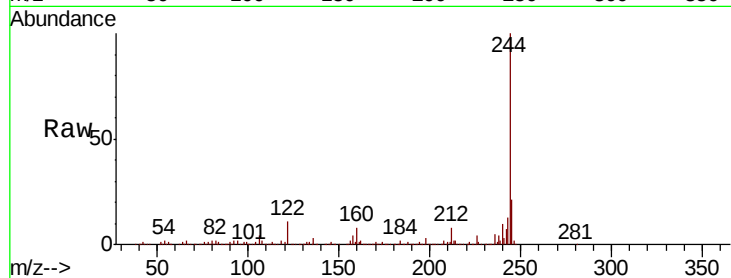
Tot Ion:244 Resp: 964516

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 10.6 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037721.D

Acq: 1 Nov 2018 16:34

Tgt Ion:264 Resp: 296066

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 20.4 17.9 26.9

