

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037765.D
 Acq On : 2 Nov 2018 21:57
 Operator : JU/SJ
 Sample : J5780-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 02:30:31 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

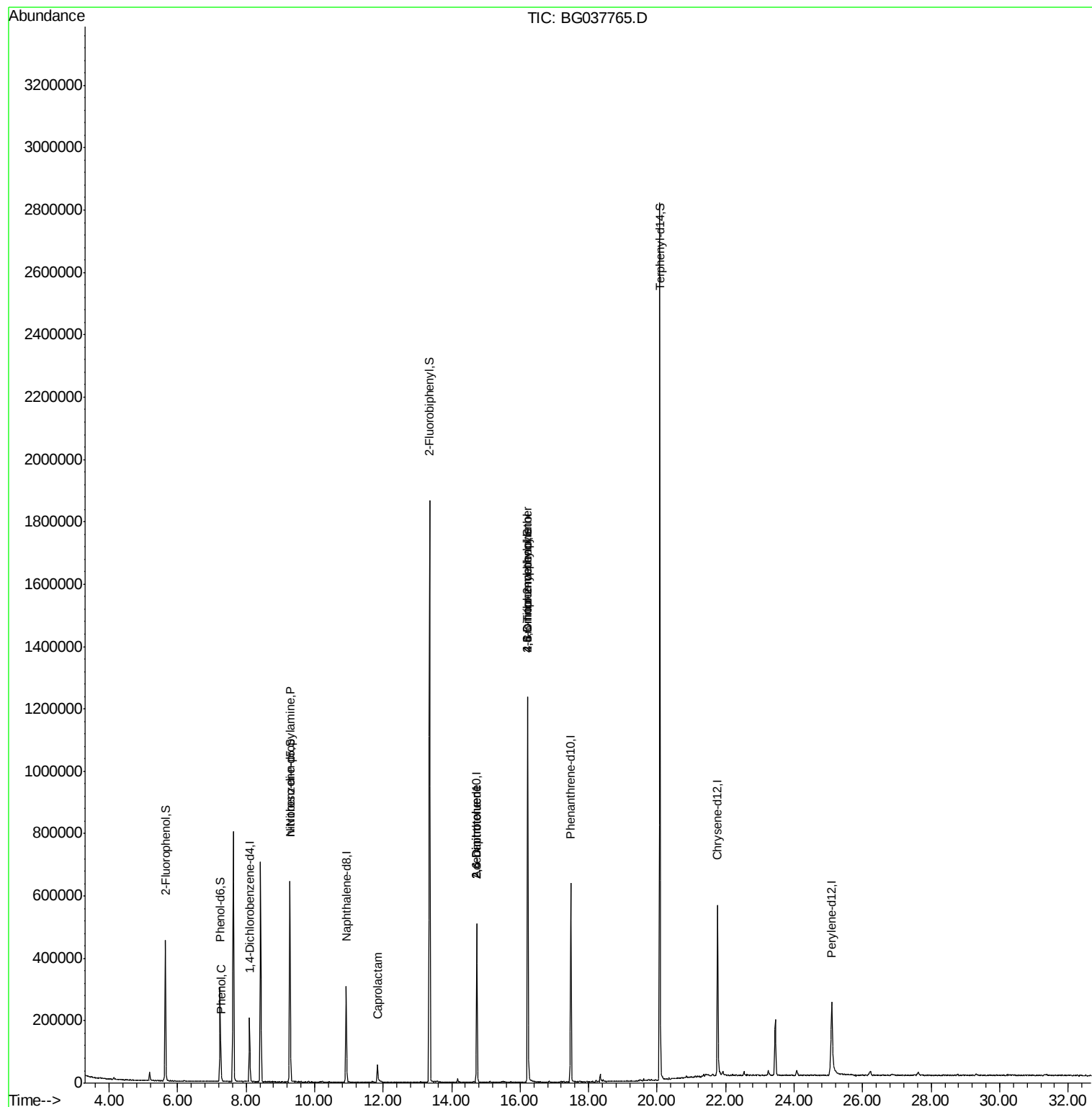
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	62701	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	282455	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	188245	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	410483	20.00	ng	0.00
76) Chrysene-d12	21.76	240	372107	20.00	ng	-0.01
87) Perylene-d12	25.10	264	326522	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	216437	57.71	ng	0.00
7) Phenol-d6	7.24	99	197382	34.81	ng	-0.01
23) Nitrobenzene-d5	9.28	82	413694	82.05	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	241434	117.59	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1018715	81.60	ng	-0.01
79) Terphenyl-d14	20.08	244	1409379	80.93	ng	0.00
Target Compounds						
10) Phenol	7.27	94	12590	2.104	ng	95
19) n-Nitroso-di-n-propylamine	9.28	70	51796	13.263	ng	# 72
35) Caprolactam	11.83	113	13034	6.928	ng	99
51) 2,6-Dinitrotoluene	14.73	165	23622	7.332	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	23622	5.586	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	753	8.795	ng	79
67) 4-Bromophenyl-phenylether	16.22	248	18189	4.035	ng	# 1

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

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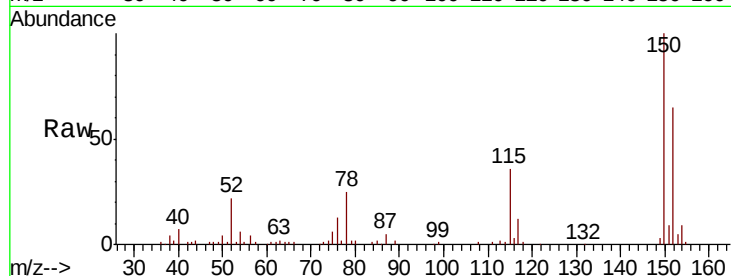


#1

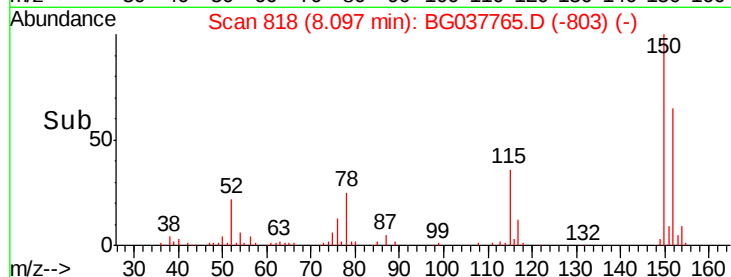
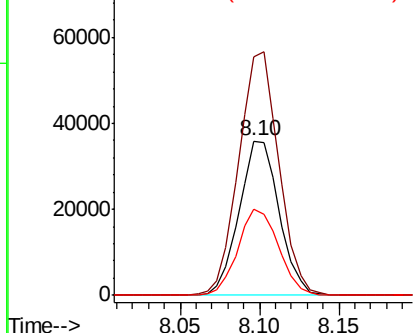
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62701
Ion Ratio Lower Upper
152 100
150 154.2 126.0 189.0
115 55.4 45.5 68.3



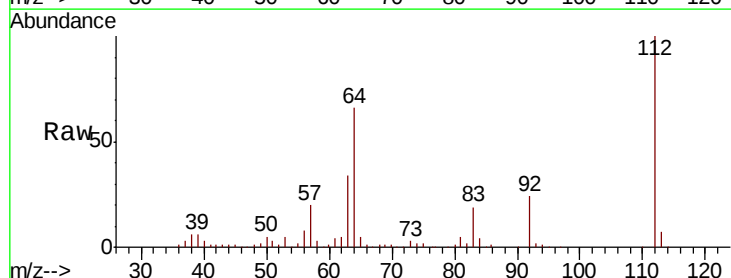
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



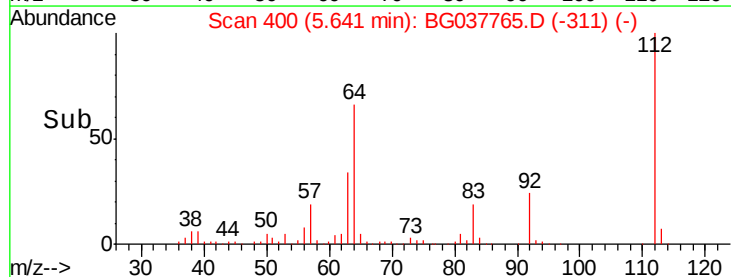
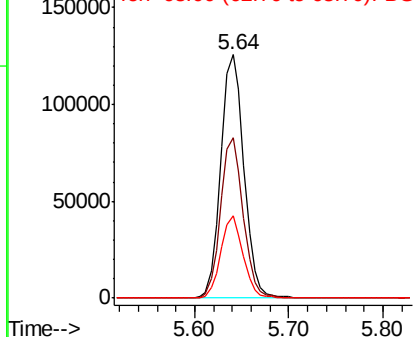
#5

2-Fluorophenol
Concen: 57.711 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion:112 Resp: 216437
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 33.9 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: 34.805 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

Instrument :

BNA_G

ClientSampleId :

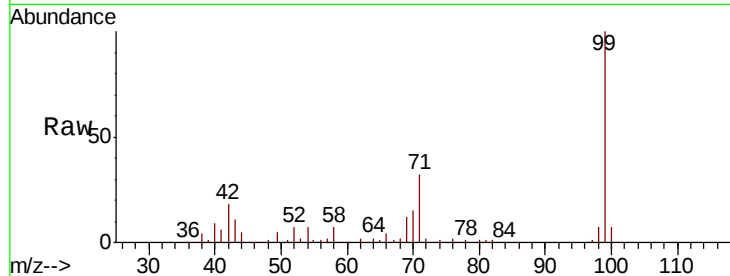
Tot Ion: 99 Resp: 197382

Ion Ratio Lower Upper

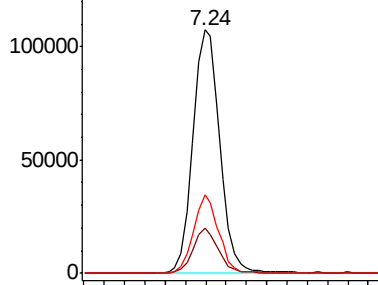
99 100

42 18.4 15.0 22.4

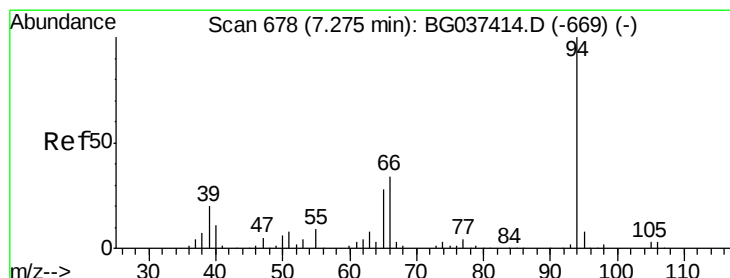
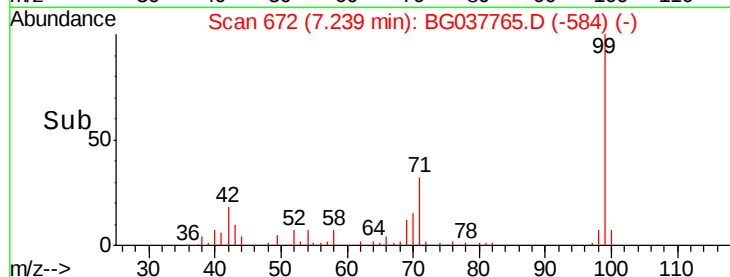
71 32.1 25.5 38.3



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



Time-->



#10

Phenol

Concen: 2.104 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

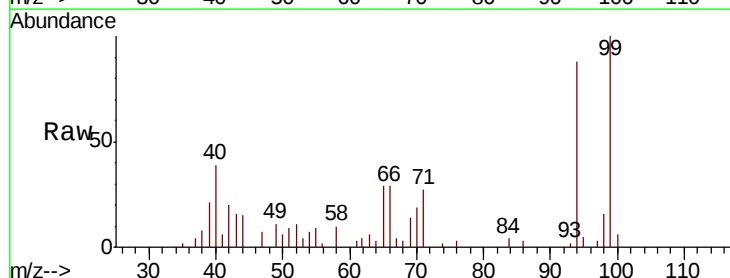
Tgt Ion: 94 Resp: 12590

Ion Ratio Lower Upper

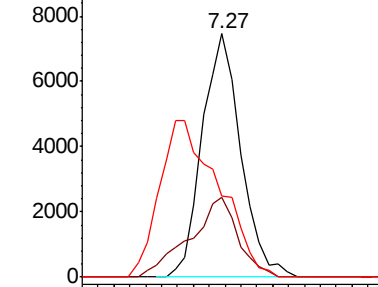
94 100

65 32.7 9.7 49.7

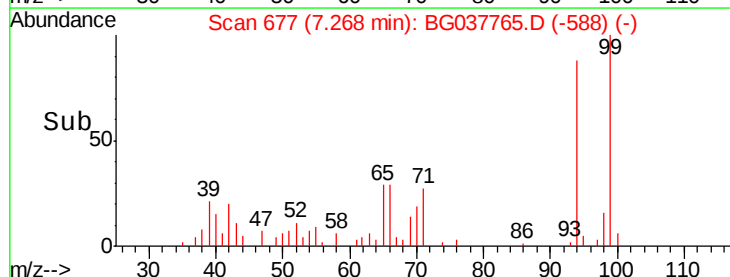
66 33.4 15.9 55.9



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



Time-->

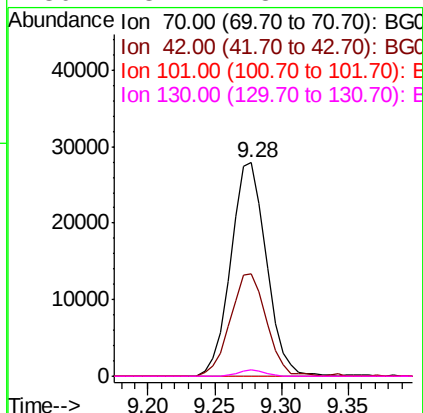
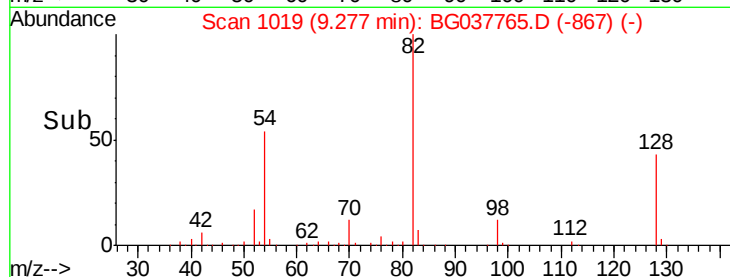
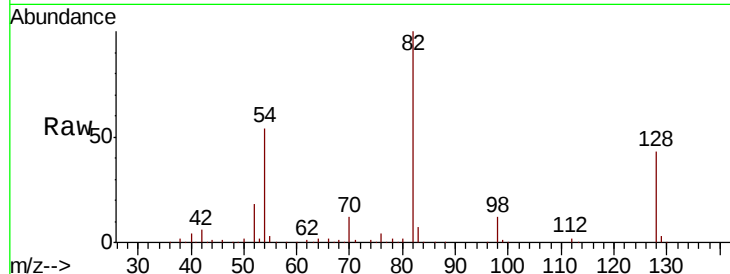




#19
n-Nitroso-di-n-propylamine
Concen: 13.263 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

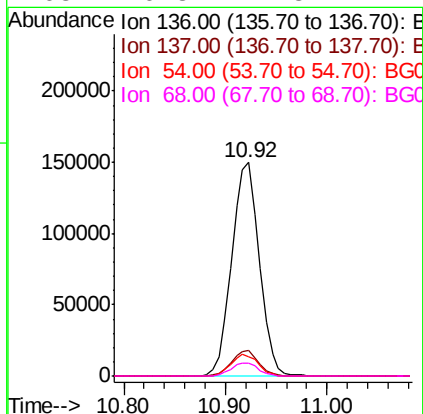
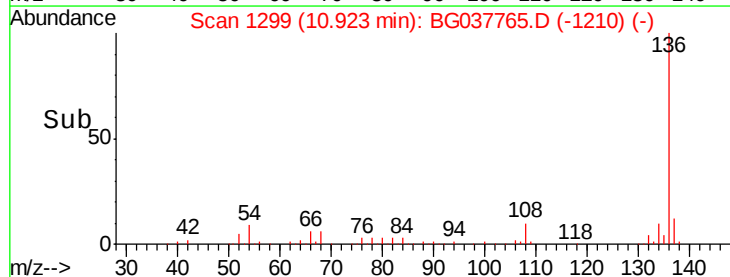
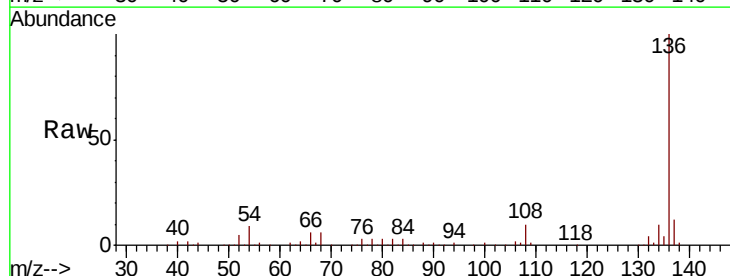
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 51796
Ion Ratio Lower Upper
70 100
42 47.9 53.9 80.9#
101 0.0 8.2 12.2#
130 3.2 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: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion: 136 Resp: 282455
Ion Ratio Lower Upper
136 100
137 12.1 9.6 14.4
54 9.2 7.9 11.9
68 6.3 4.8 7.2

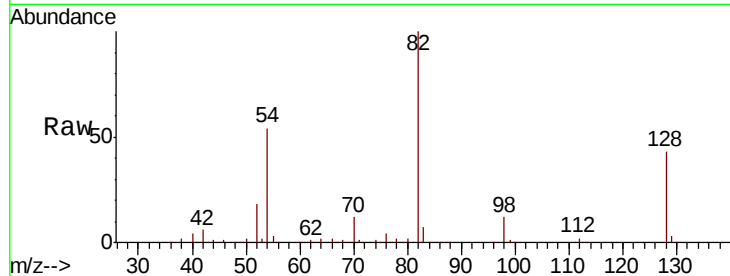




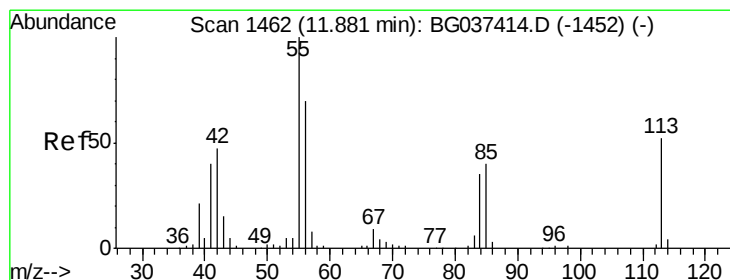
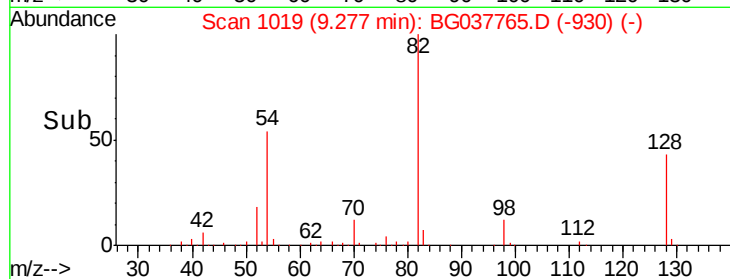
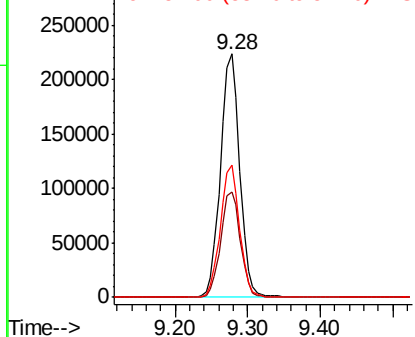
#23
Nitrobenzene-d5
Concen: 82.047 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 413694
Ion Ratio Lower Upper
82 100
128 43.3 34.6 51.8
54 54.4 45.3 67.9

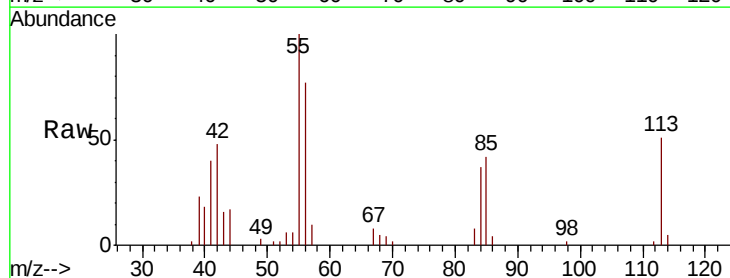


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

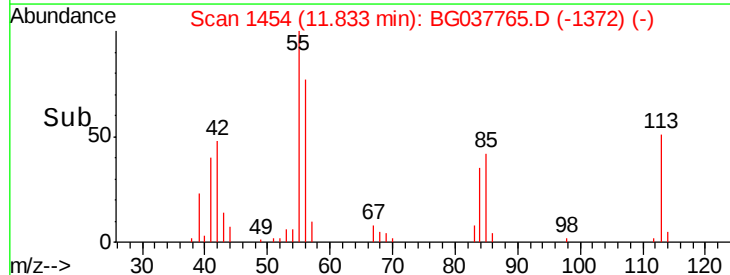
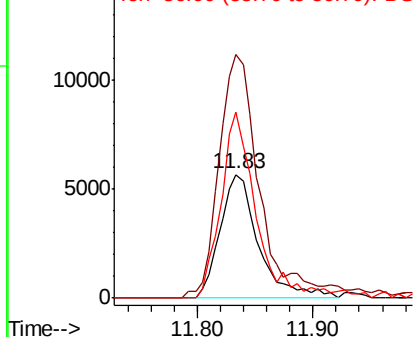


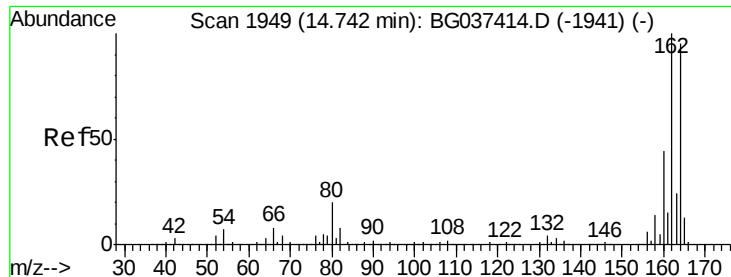
#35
Caprolactam
Concen: 6.928 ng
RT: 11.83 min Scan# 1454
Delta R.T. -0.05 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion: 113 Resp: 13034
Ion Ratio Lower Upper
113 100
55 197.1 176.6 216.6
56 151.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): BGC
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

Instrument :

BNA_G

ClientSampleId :

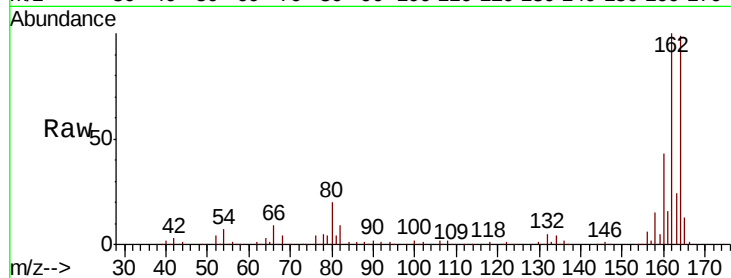
Tot Ion:164 Resp: 188245

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

160 43.2 36.3 54.5

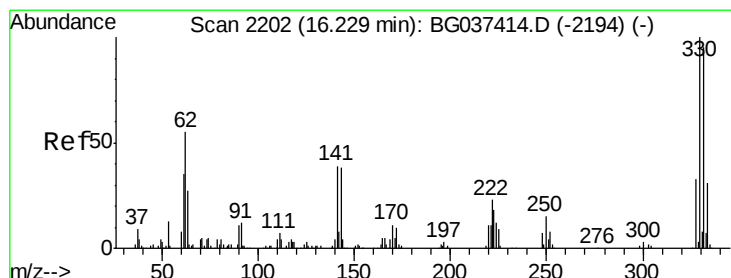
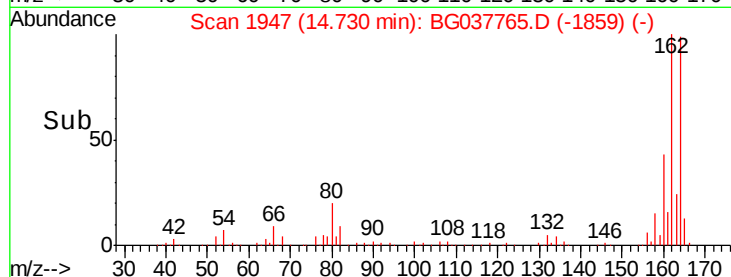
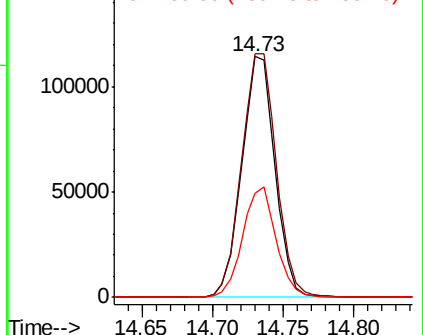


Abundance

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: 117.591 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

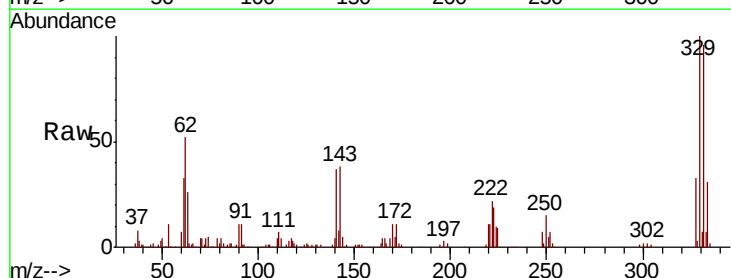
Tgt Ion:330 Resp: 241434

Ion Ratio Lower Upper

330 100

332 95.7 78.4 117.6

141 38.4 32.2 48.2

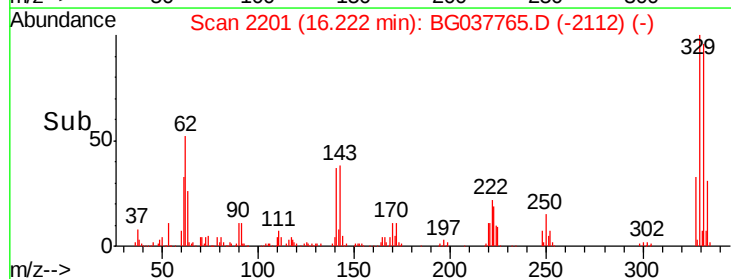
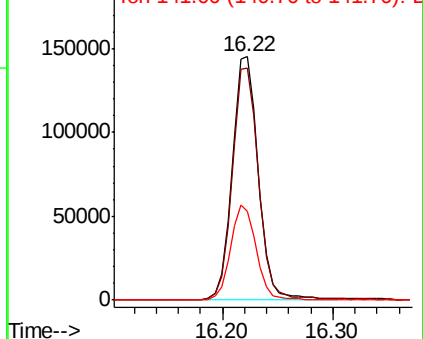


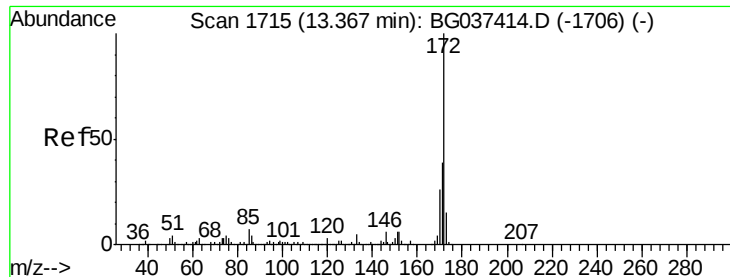
Abundance

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

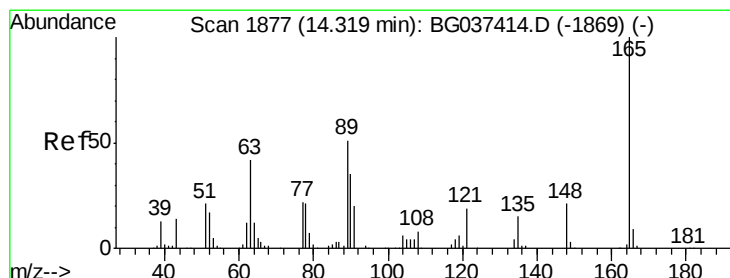
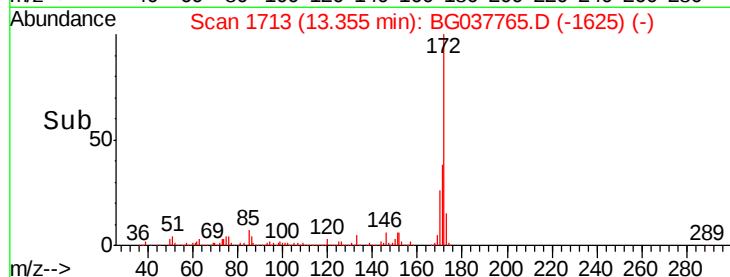
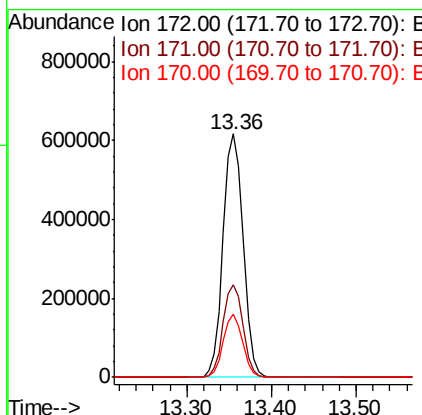
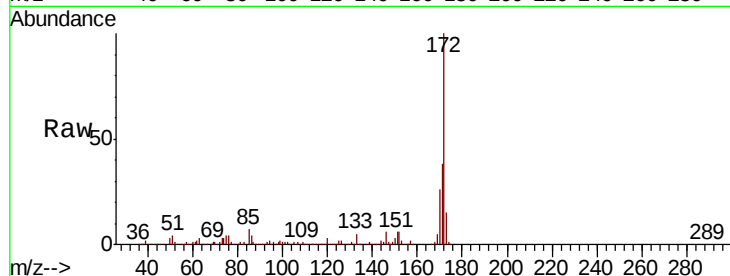




#45
2-Fluorobiphenyl
Concen: 81.605 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

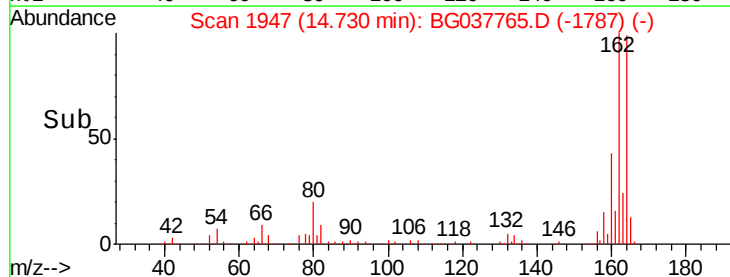
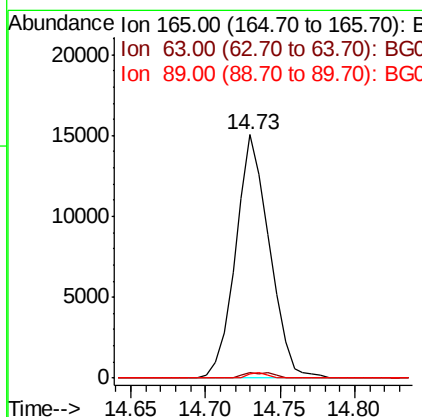
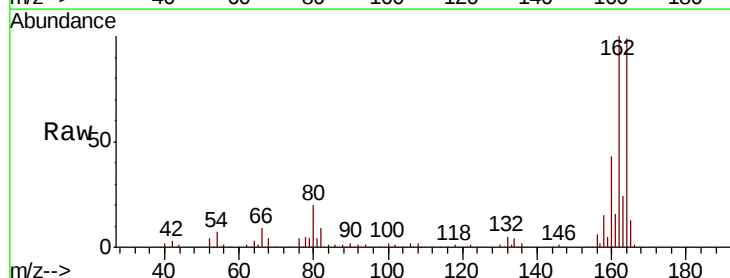
Instrument :
BNA_G
ClientSampleId :

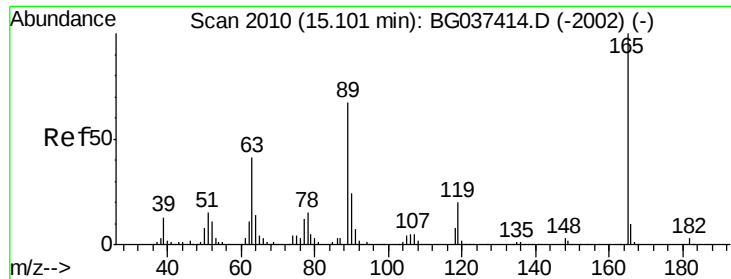
Tot Ion:172 Resp: 1018715
Ion Ratio Lower Upper
172 100
171 38.3 31.0 46.4
170 25.8 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.332 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion:165 Resp: 23622
Ion Ratio Lower Upper
165 100
63 2.3 43.4 65.2#
89 2.0 45.8 68.6#

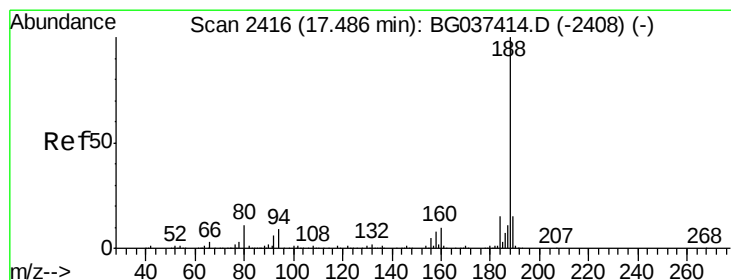
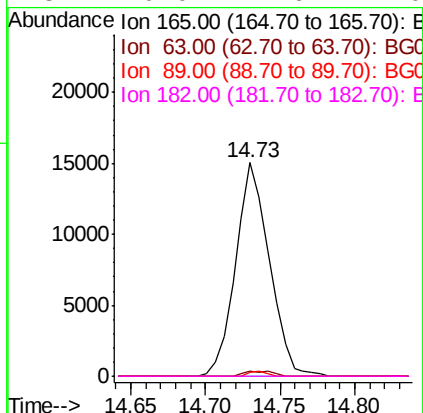
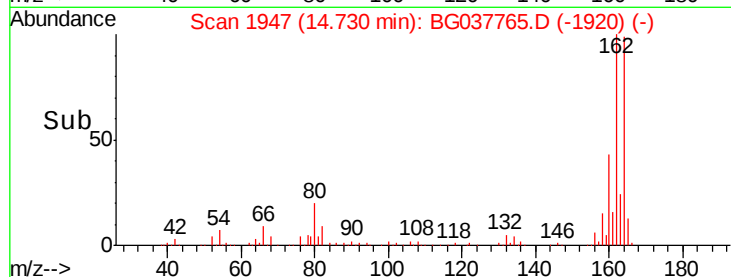
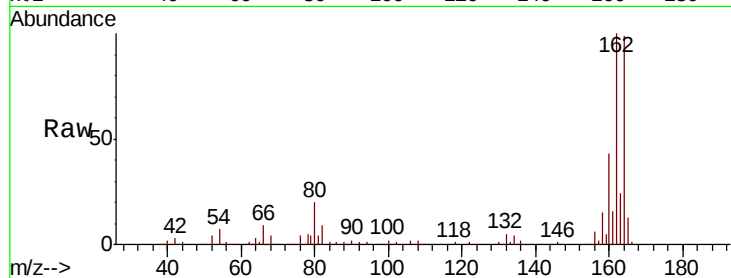




#57
 2,4-Dinitrotoluene
 Concen: 5.586 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037765.D
 Acq: 2 Nov 2018 21:57

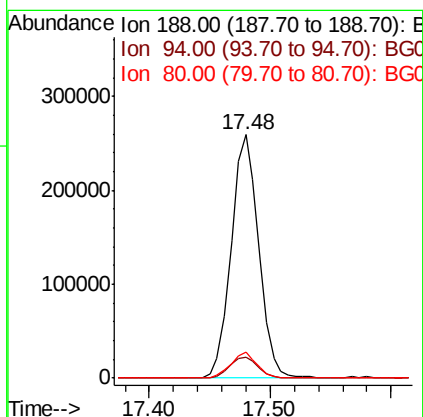
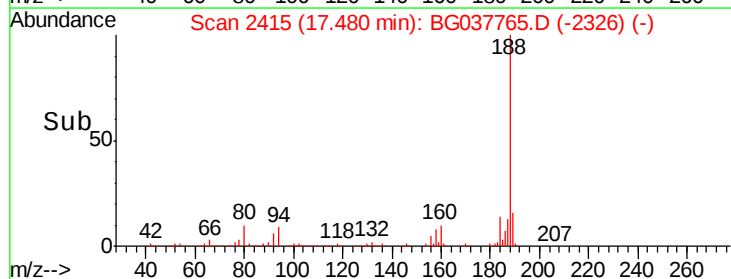
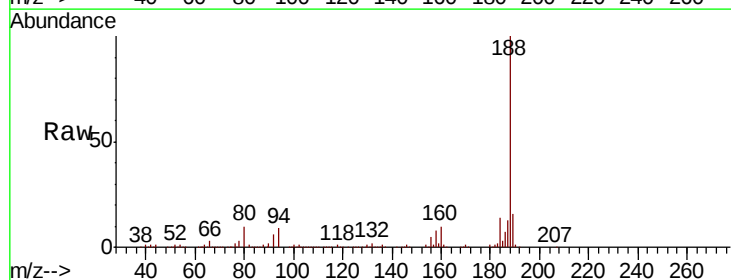
Instrument :
 BNA_G
 ClientSampleId :

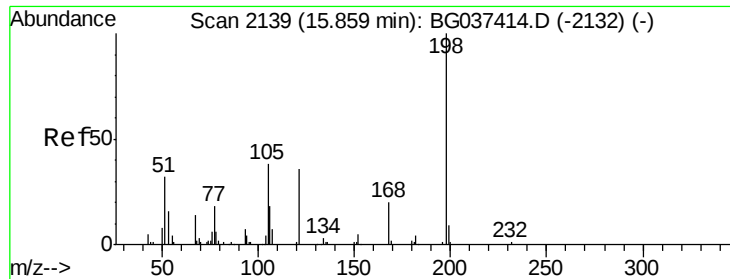
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037765.D
 Acq: 2 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.4	7.7	11.5

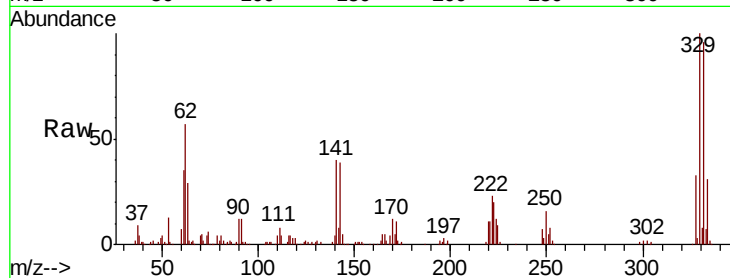




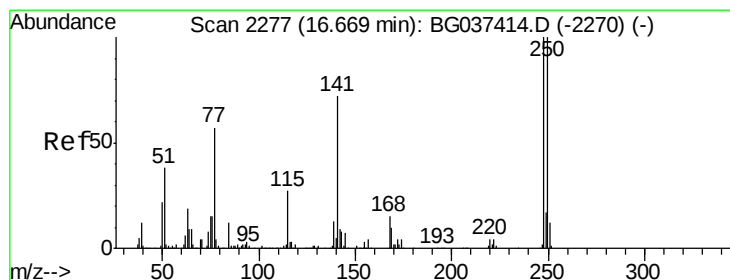
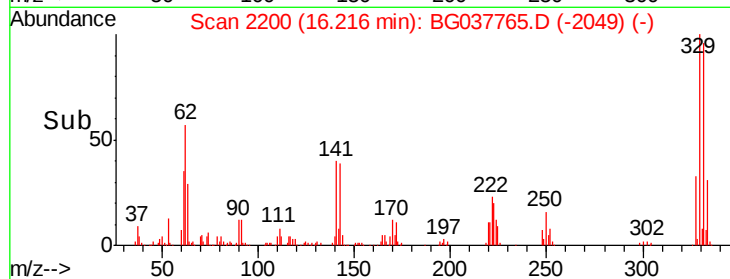
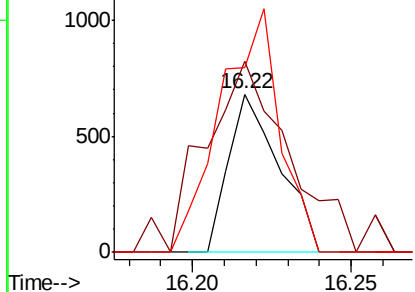
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.795 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037765.D
 Acq: 2 Nov 2018 21:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 753
 Ion Ratio Lower Upper
 198 100
 51 28.8 22.7 62.7
 105 27.7 19.7 59.7

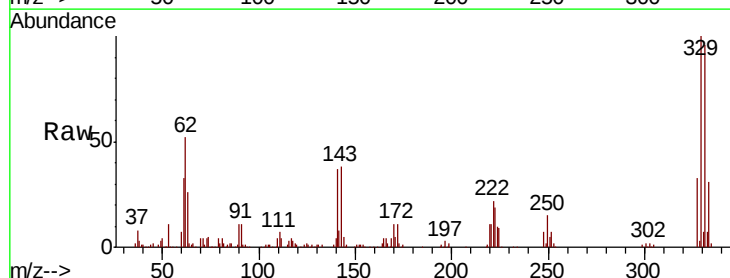


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

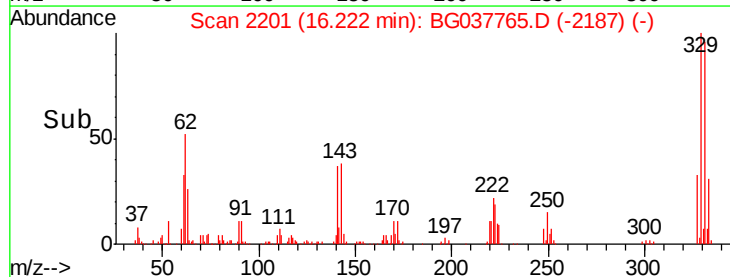
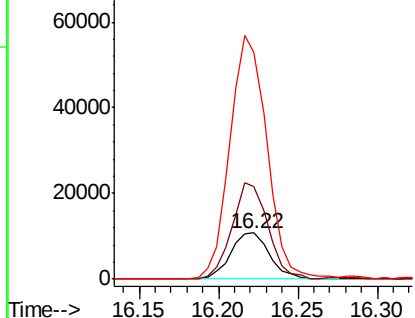


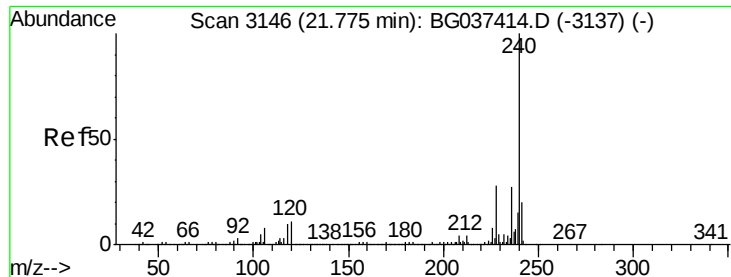
#67
 4-Bromophenyl-phenylether
 Concen: 4.035 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037765.D
 Acq: 2 Nov 2018 21:57

Tgt Ion:248 Resp: 18189
 Ion Ratio Lower Upper
 248 100
 250 206.6 77.0 115.6#
 141 388.2 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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

Instrument :

BNA_G

ClientSampled :

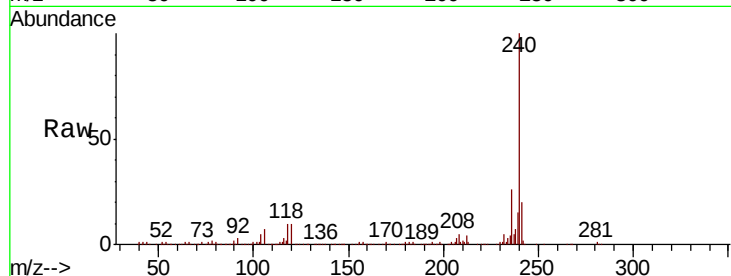
Tot Ion:240 Resp: 372107

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

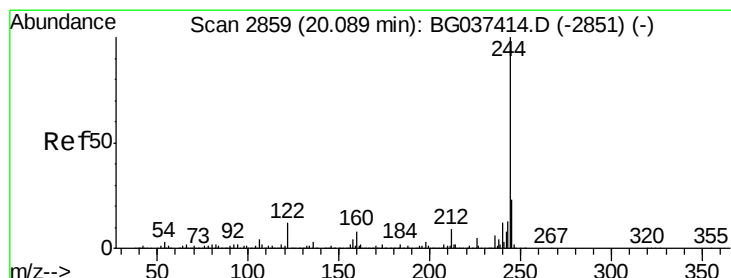
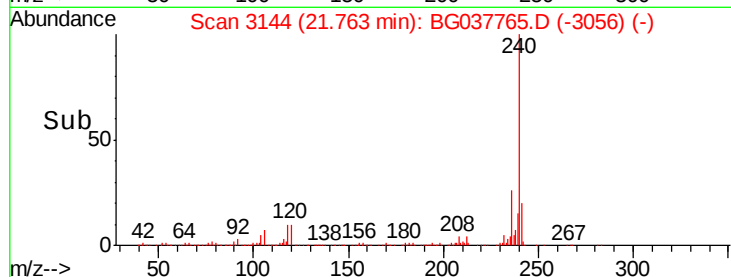
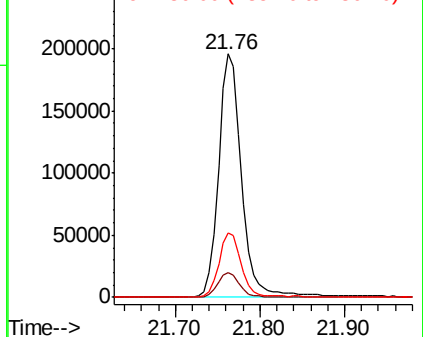
236 26.2 21.4 32.0



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: 80.931 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037765.D

Acq: 2 Nov 2018 21:57

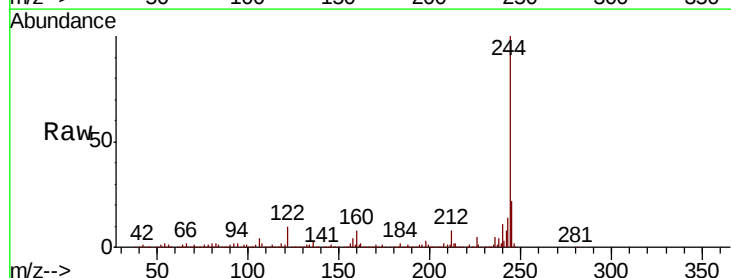
Tgt Ion:244 Resp: 1409379

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

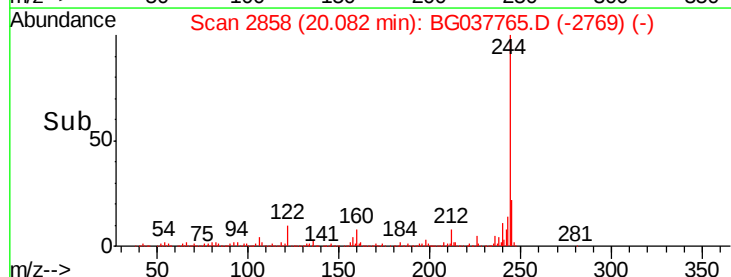
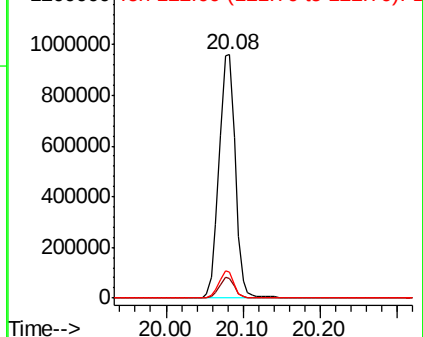
122 10.5 9.0 13.4

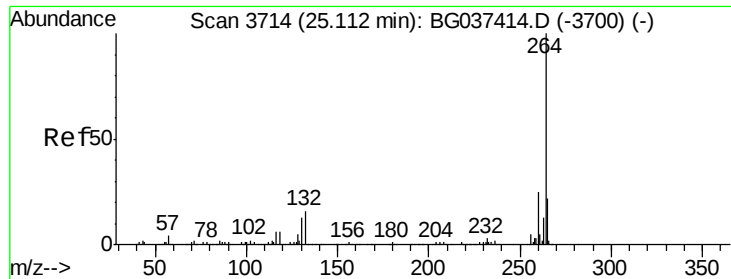


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.4	17.9	26.9

