

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037771.D
 Acq On : 3 Nov 2018 1:53
 Operator : JU/SJ
 Sample : J5778-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 03:51:11 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

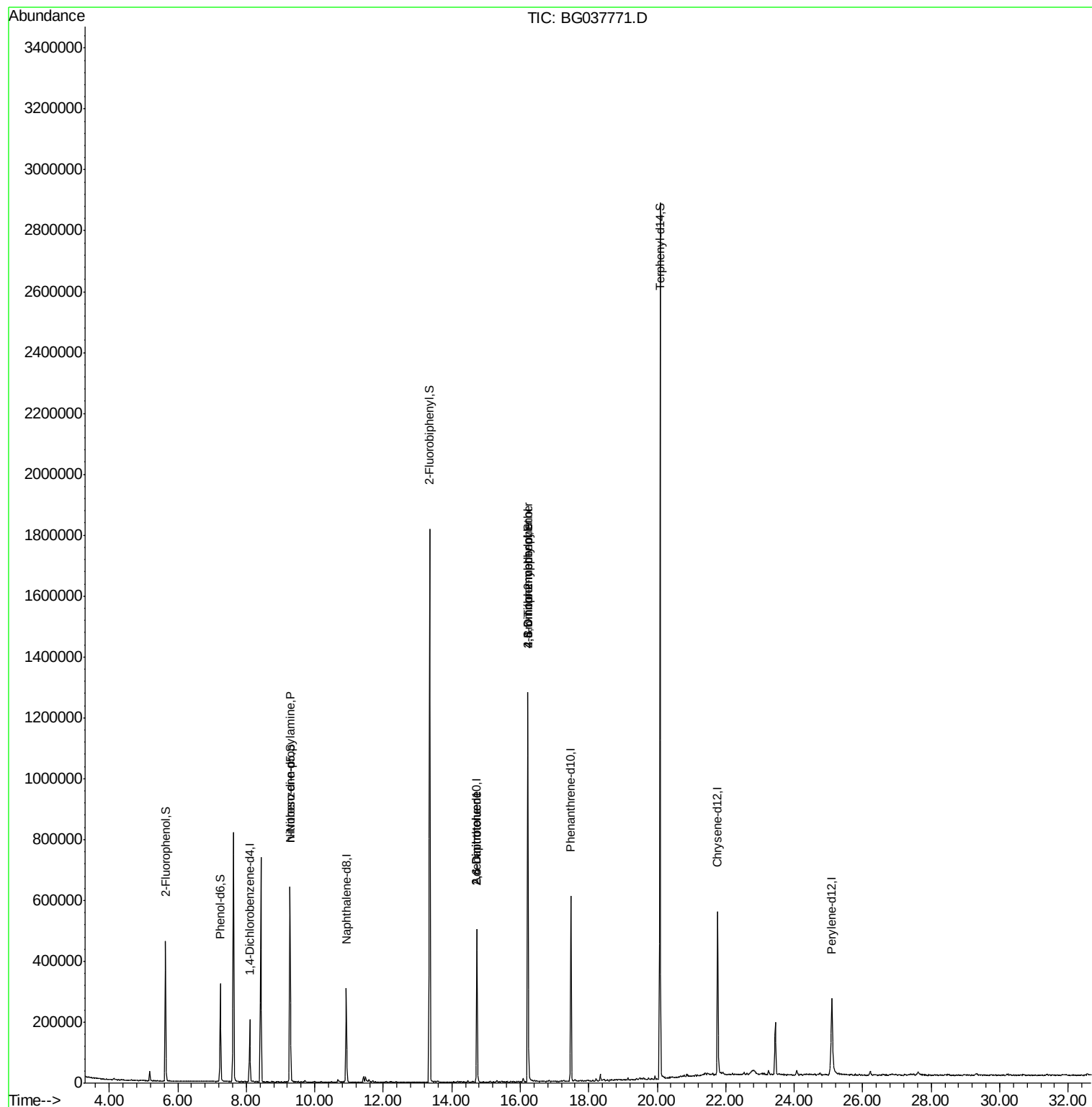
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60935	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	276889	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	182425	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	390678	20.00	ng	0.00
76) Chrysene-d12	21.76	240	354188	20.00	ng	-0.01
87) Perylene-d12	25.10	264	331860	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	215936	59.25	ng	0.00
7) Phenol-d6	7.24	99	206722	37.51	ng	0.00
23) Nitrobenzene-d5	9.27	82	409420	82.83	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	243965	122.61	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1007815	83.31	ng	0.00
79) Terphenyl-d14	20.08	244	1356460	81.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	52001	13.702	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	23733	7.602	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	23733	5.791	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	323	8.637	ng	94
67) 4-Bromophenyl-phenylether	16.22	248	17343	4.042	ng	# 1

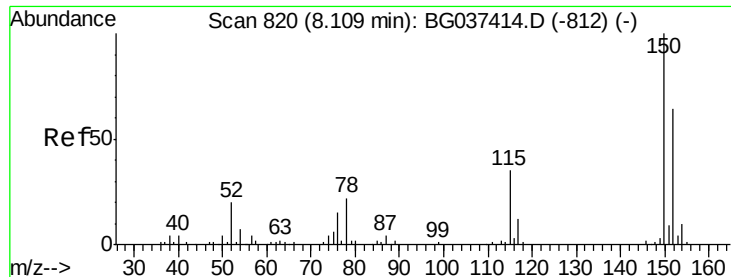
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037771.D

Acq: 3 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

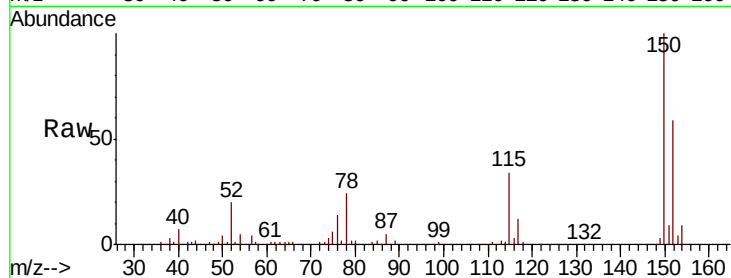
Tot Ion:152 Resp: 60935

Ion Ratio Lower Upper

152 100

150 168.4 126.0 189.0

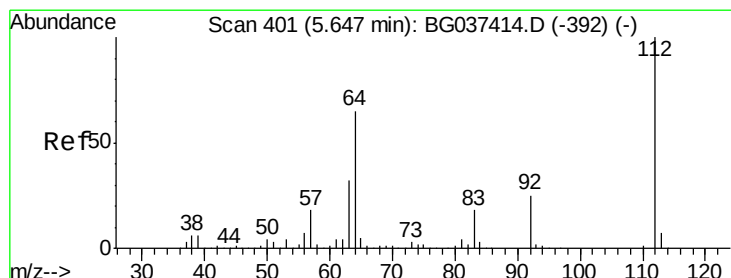
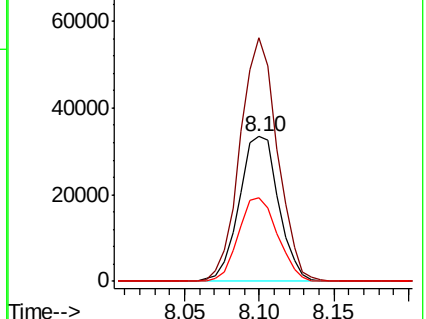
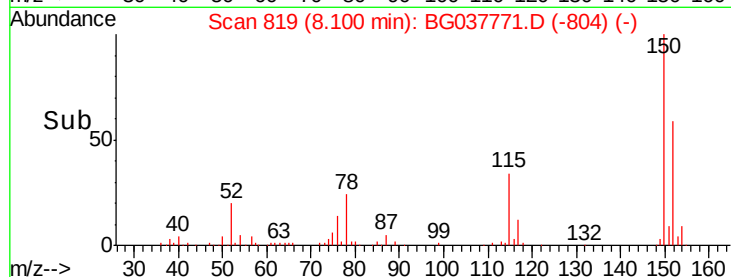
115 57.5 45.5 68.3



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: 59.246 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037771.D

Acq: 3 Nov 2018 1:53

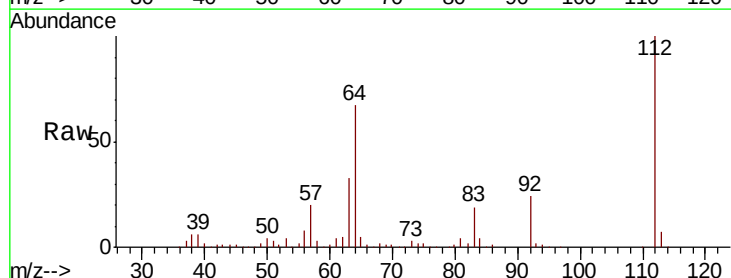
Tgt Ion:112 Resp: 215936

Ion Ratio Lower Upper

112 100

64 66.9 53.1 79.7

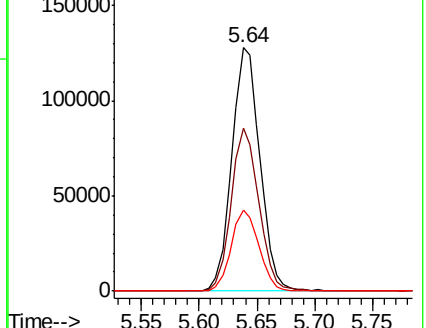
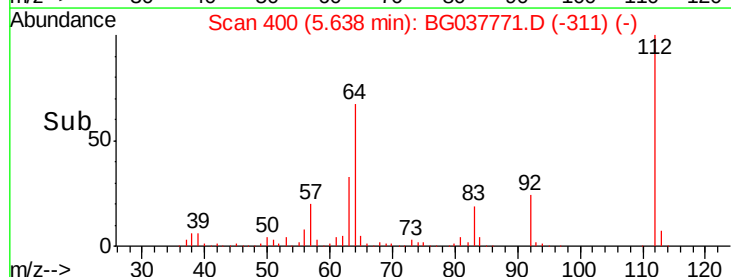
63 33.1 27.3 40.9

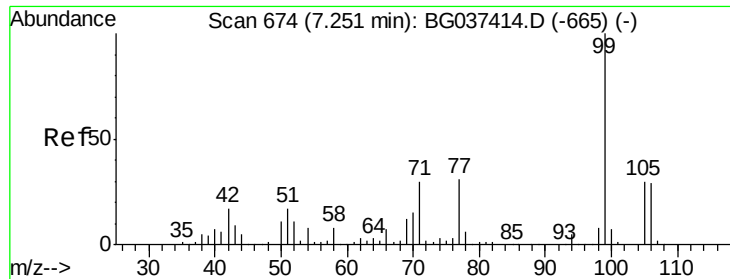


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 37.509 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037771.D

Acq: 3 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

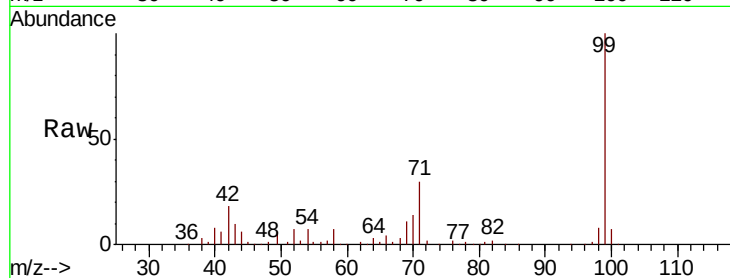
Tot Ion: 99 Resp: 206722

Ion Ratio Lower Upper

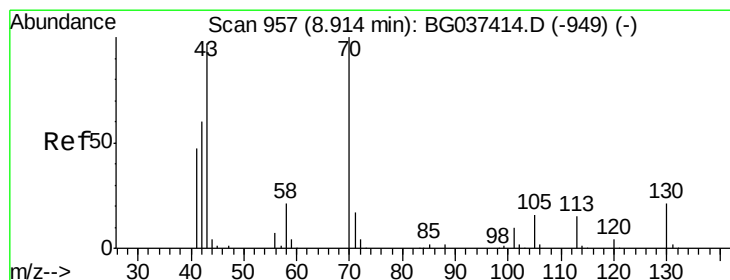
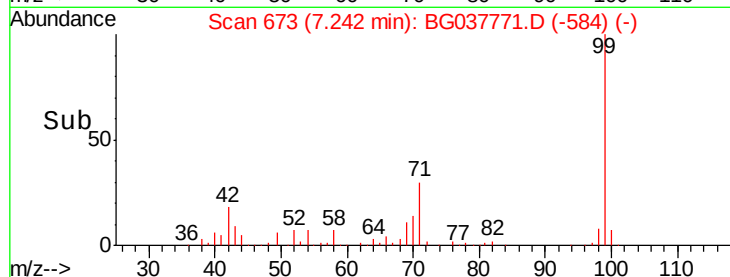
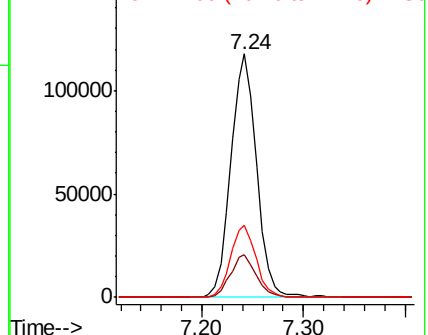
99 100

42 17.7 15.0 22.4

71 29.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.702 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037771.D

Acq: 3 Nov 2018 1:53

Tgt Ion: 70 Resp: 52001

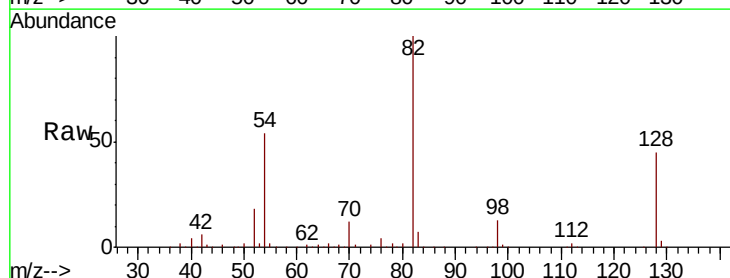
Ion Ratio Lower Upper

70 100

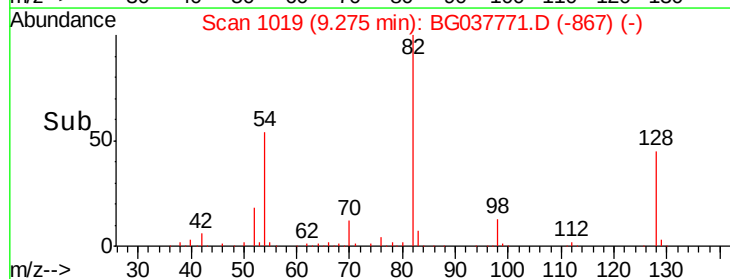
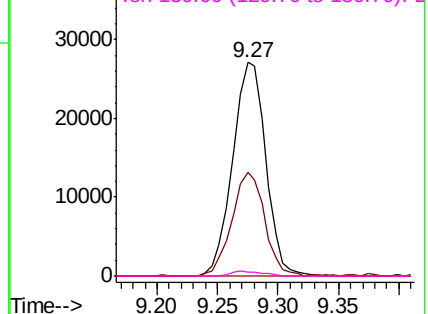
42 48.8 53.9 80.9#

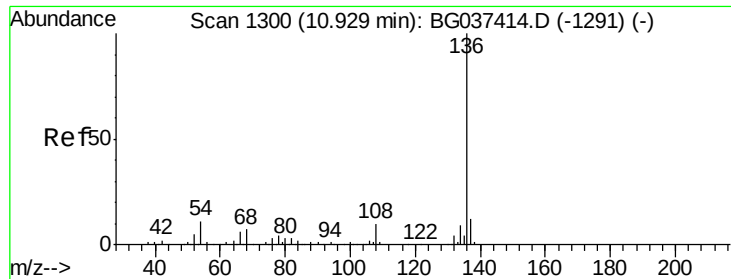
101 0.0 8.2 12.2#

130 2.0 18.2 27.4#



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

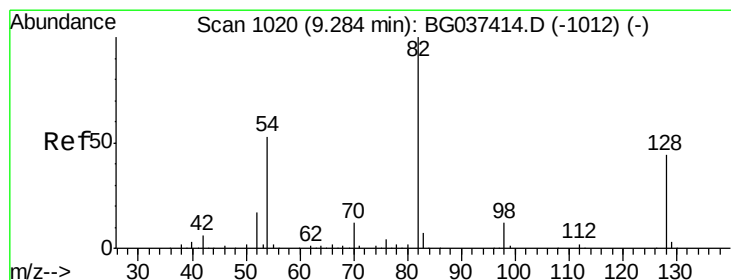
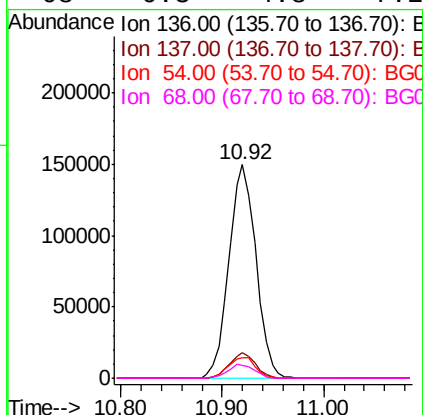
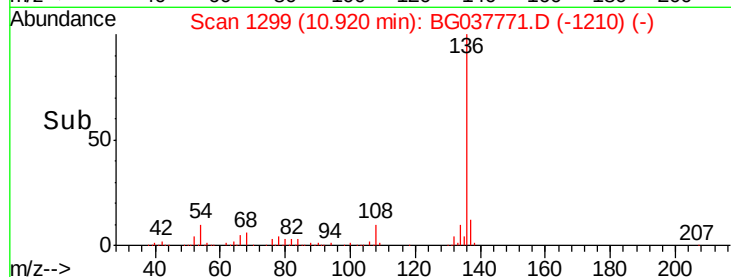
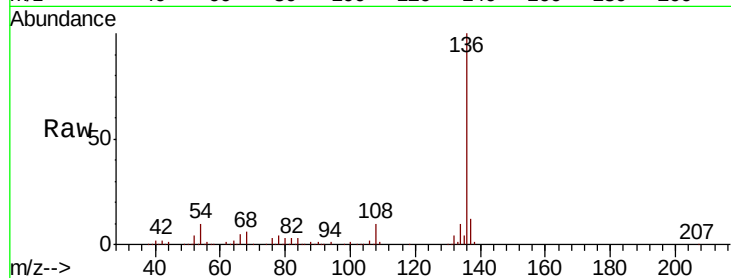




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037771.D
Acq: 3 Nov 2018 1:53

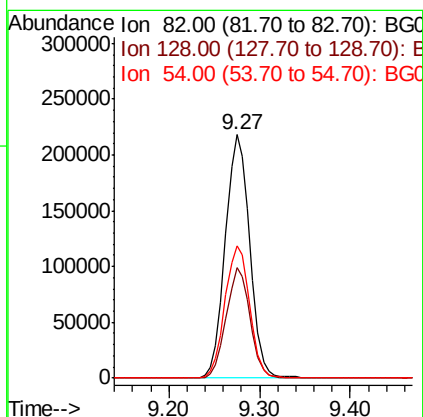
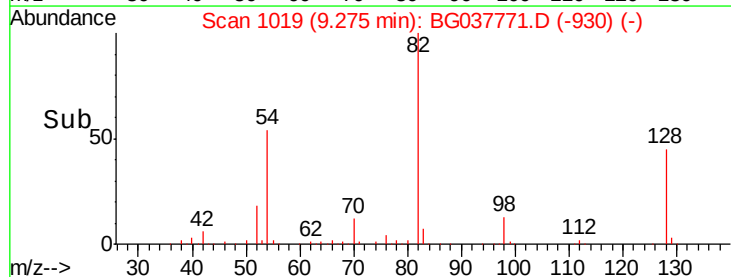
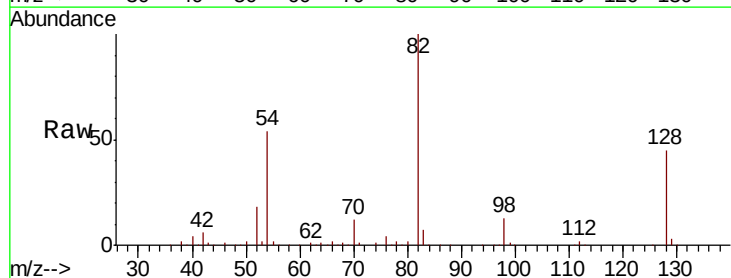
Instrument :
BNA_G
ClientSampleId :

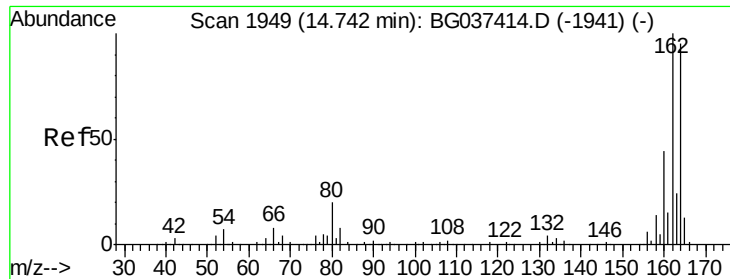
Tot Ion:136	Resp:	276889
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.6 14.4
54	9.7	7.9 11.9
68	6.3	4.8 7.2



#23
Nitrobenzene-d5
Concen: 82.832 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037771.D
Acq: 3 Nov 2018 1:53

Tgt Ion: 82	Resp:	409420
Ion Ratio	Lower	Upper
82	100	
128	45.4	34.6 51.8
54	54.5	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: BG037771.D

Acq: 3 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

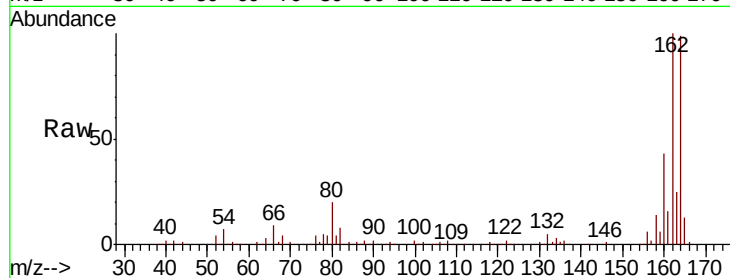
Tot Ion:164 Resp: 182425

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

160 42.8 36.3 54.5

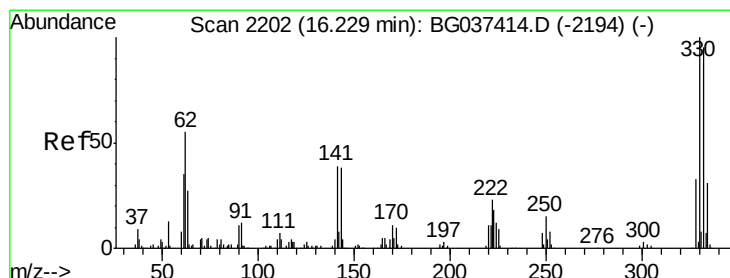
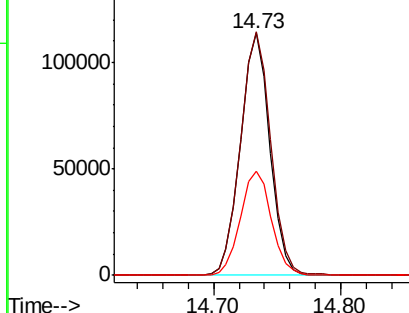
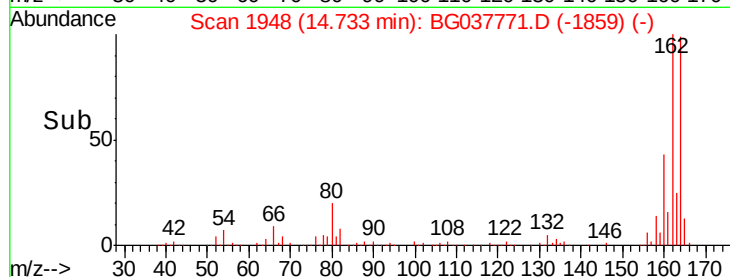


Abundance

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: 122.615 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037771.D

Acq: 3 Nov 2018 1:53

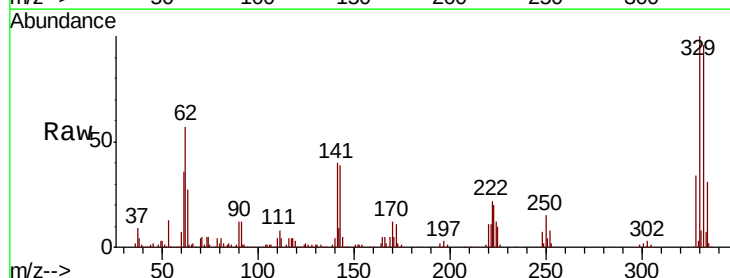
Tgt Ion:330 Resp: 243965

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

141 38.3 32.2 48.2

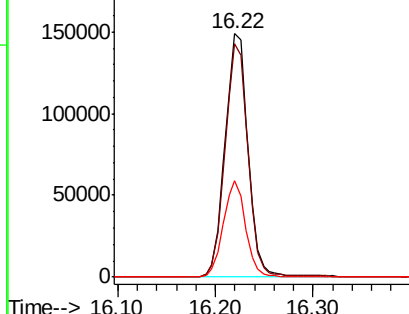
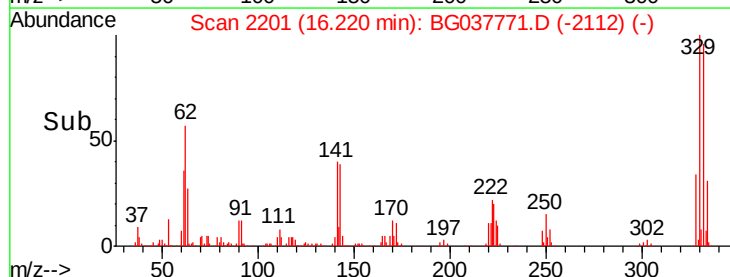


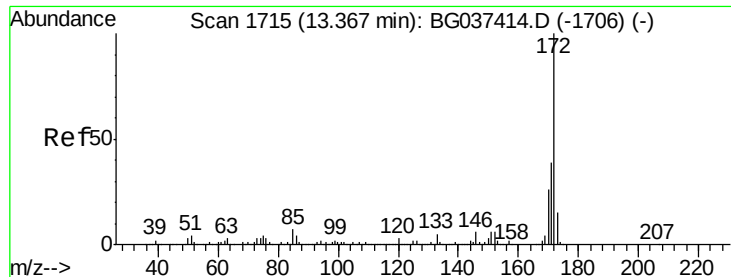
Abundance

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

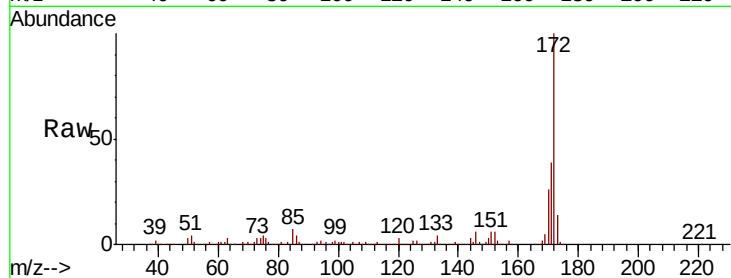




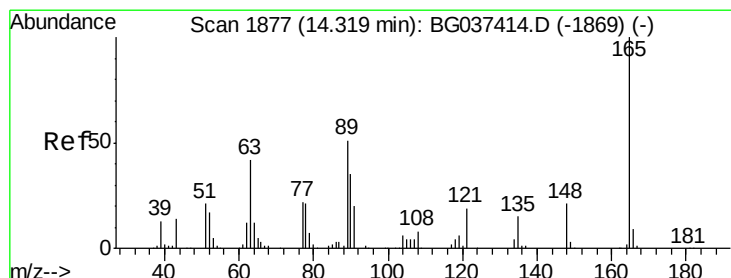
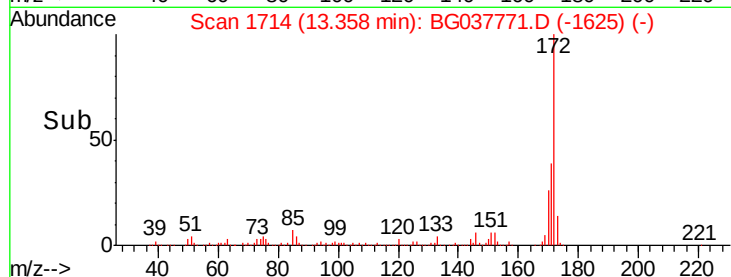
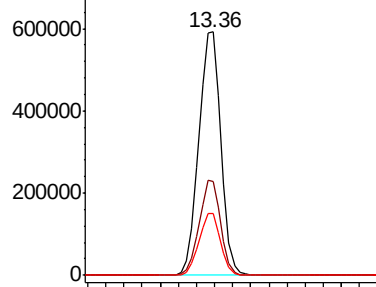
#45
2-Fluorobiphenyl
Concen: 83.307 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037771.D
Acq: 3 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1007815
Ion Ratio Lower Upper
172 100
171 38.5 31.0 46.4
170 25.6 20.2 30.2

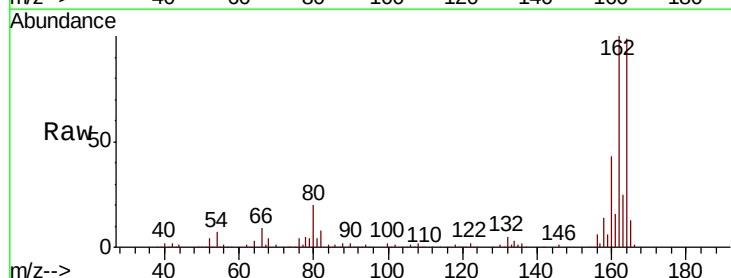


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

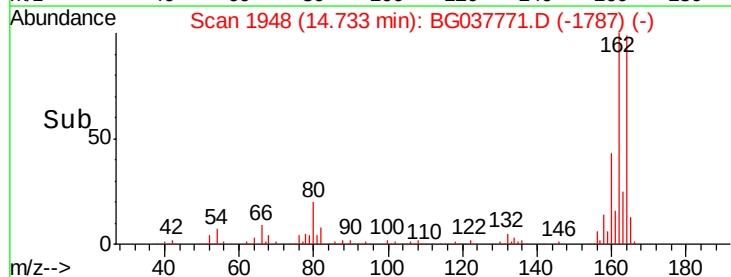
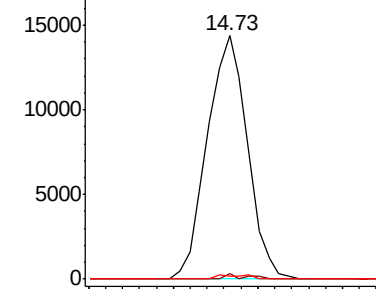


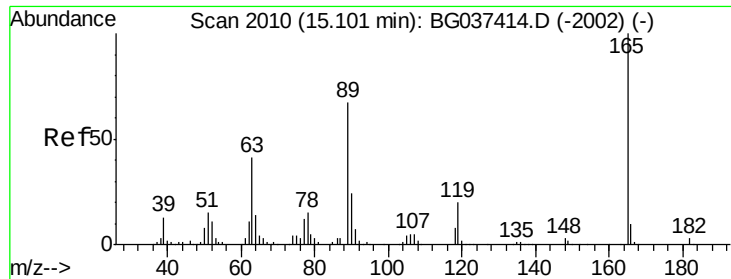
#51
2,6-Dinitrotoluene
Concen: 7.602 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037771.D
Acq: 3 Nov 2018 1:53

Tgt Ion:165 Resp: 23733
Ion Ratio Lower Upper
165 100
63 2.2 43.4 65.2#
89 1.4 45.8 68.6#



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

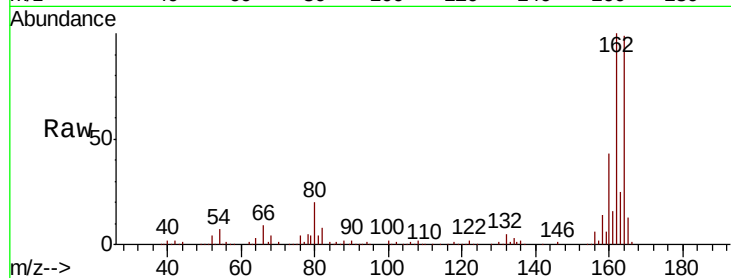




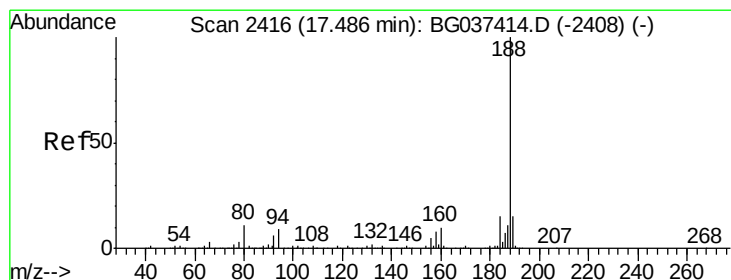
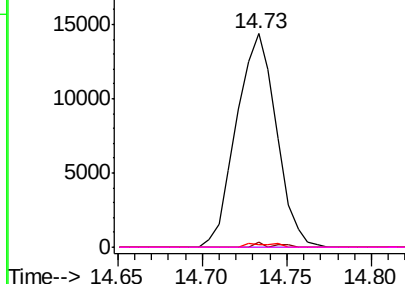
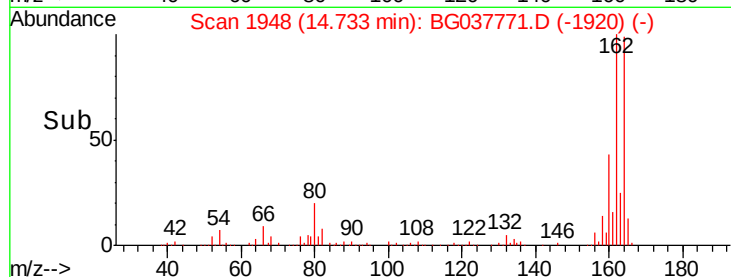
#57
 2,4-Dinitrotoluene
 Concen: 5.791 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037771.D
 Acq: 3 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	23733
Ion Ratio	Lower	Upper
165	100	
63	2.2	33.4 50.0#
89	1.4	57.2 85.8#
182	0.0	2.6 4.0#

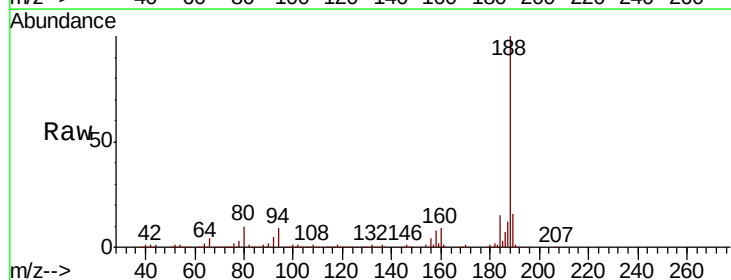


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

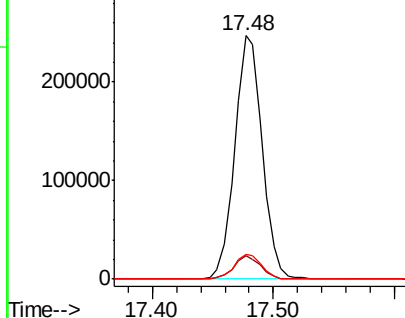
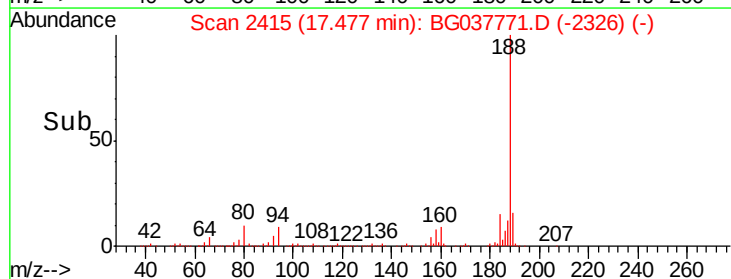


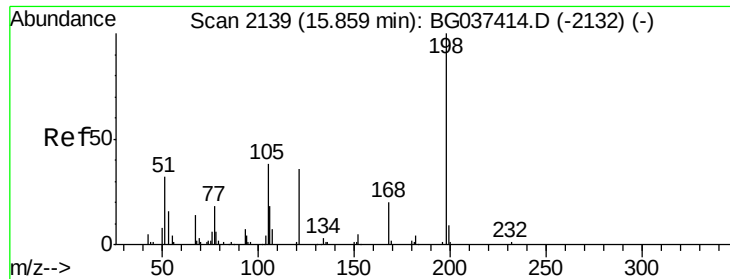
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037771.D
 Acq: 3 Nov 2018 1:53

Tgt Ion:188	Resp:	390678
Ion Ratio	Lower	Upper
188	100	
94	9.4	7.2 10.8
80	10.1	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: 8.637 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037771.D

Acq: 3 Nov 2018 1:53

Instrument :

BNA_G

ClientSampled :

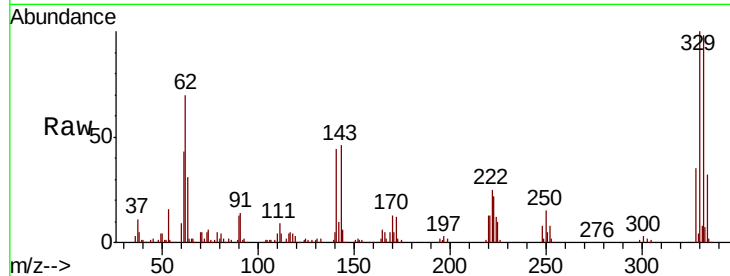
Tot Ion:198 Resp: 323

Ion Ratio Lower Upper

198 100

51 40.4 22.7 62.7

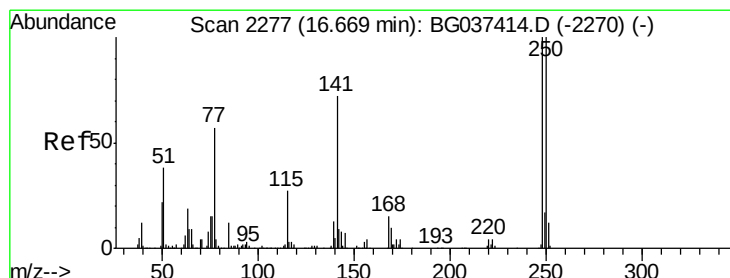
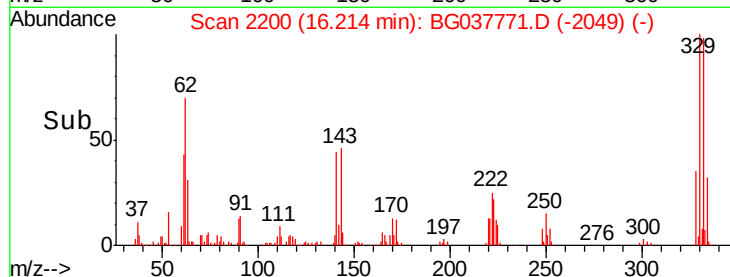
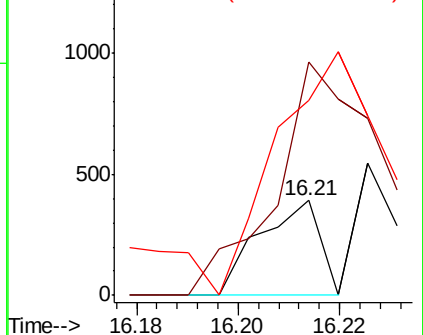
105 33.9 19.7 59.7



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: 4.042 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037771.D

Acq: 3 Nov 2018 1:53

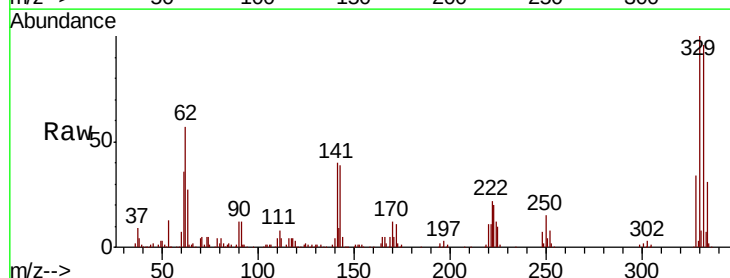
Tgt Ion:248 Resp: 17343

Ion Ratio Lower Upper

248 100

250 202.7 77.0 115.6#

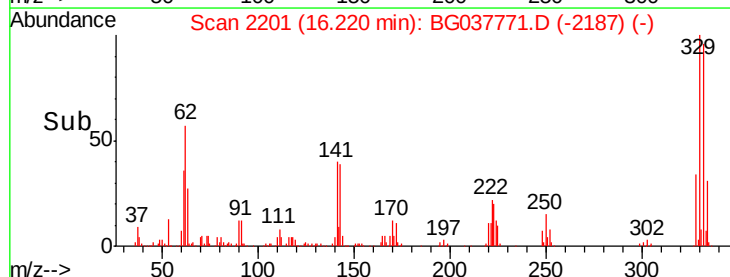
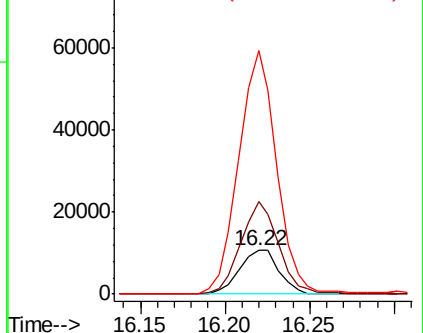
141 412.5 55.5 83.3#

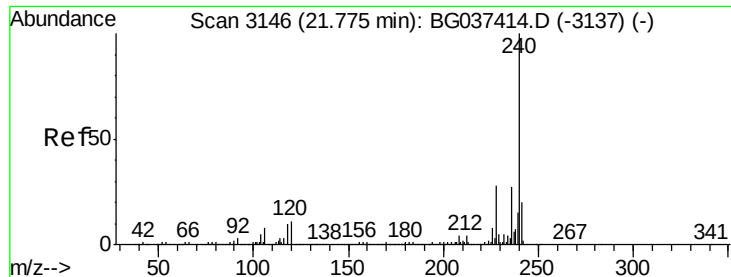


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

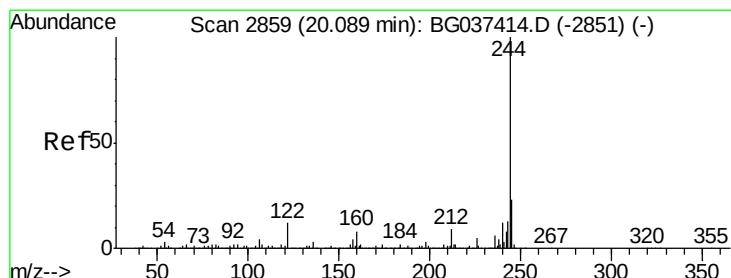
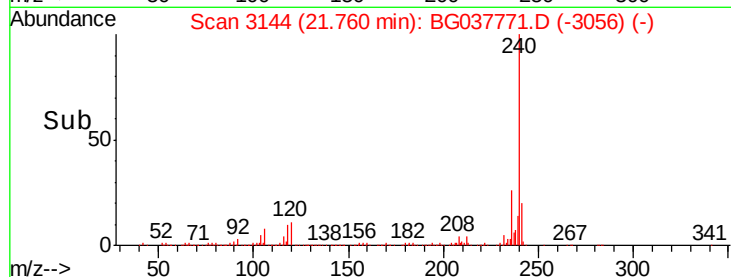
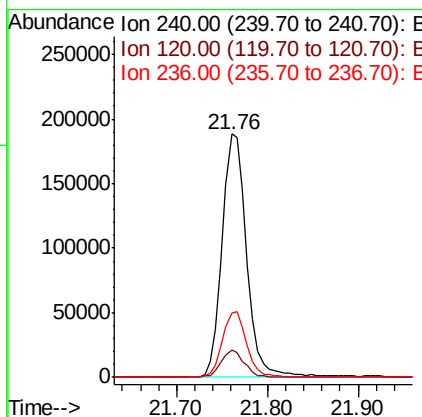
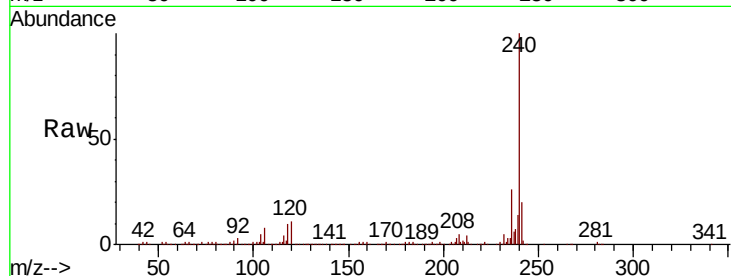




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037771.D
 Acq: 3 Nov 2018 1:53

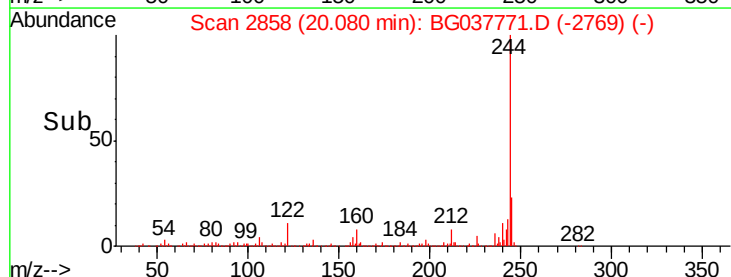
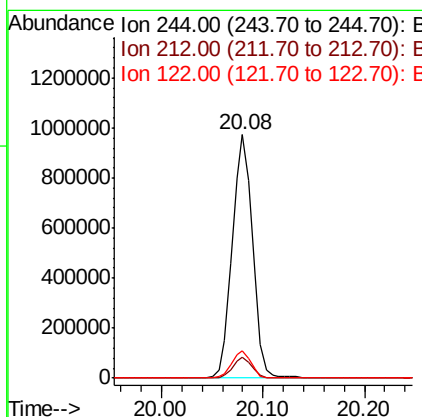
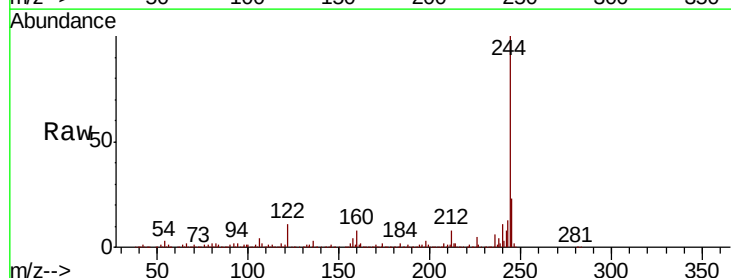
Instrument :
 BNA_G
 ClientSampleId :

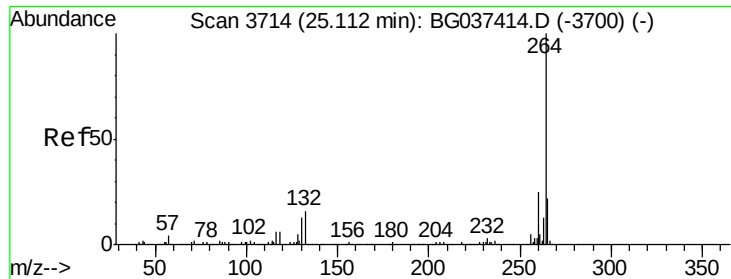
Tot Ion:240 Resp: 354188
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 26.3 21.4 32.0



#79
 Terphenyl-d14
 Concen: 81.833 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037771.D
 Acq: 3 Nov 2018 1:53

Tgt Ion:244 Resp: 1356460
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 11.0 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037771.D
Acq: 3 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.8	17.9	26.9

