

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037481.D
 Acq On : 23 Oct 2018 18:10
 Operator : JU/SJ
 Sample : J5621-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 04:42:22 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

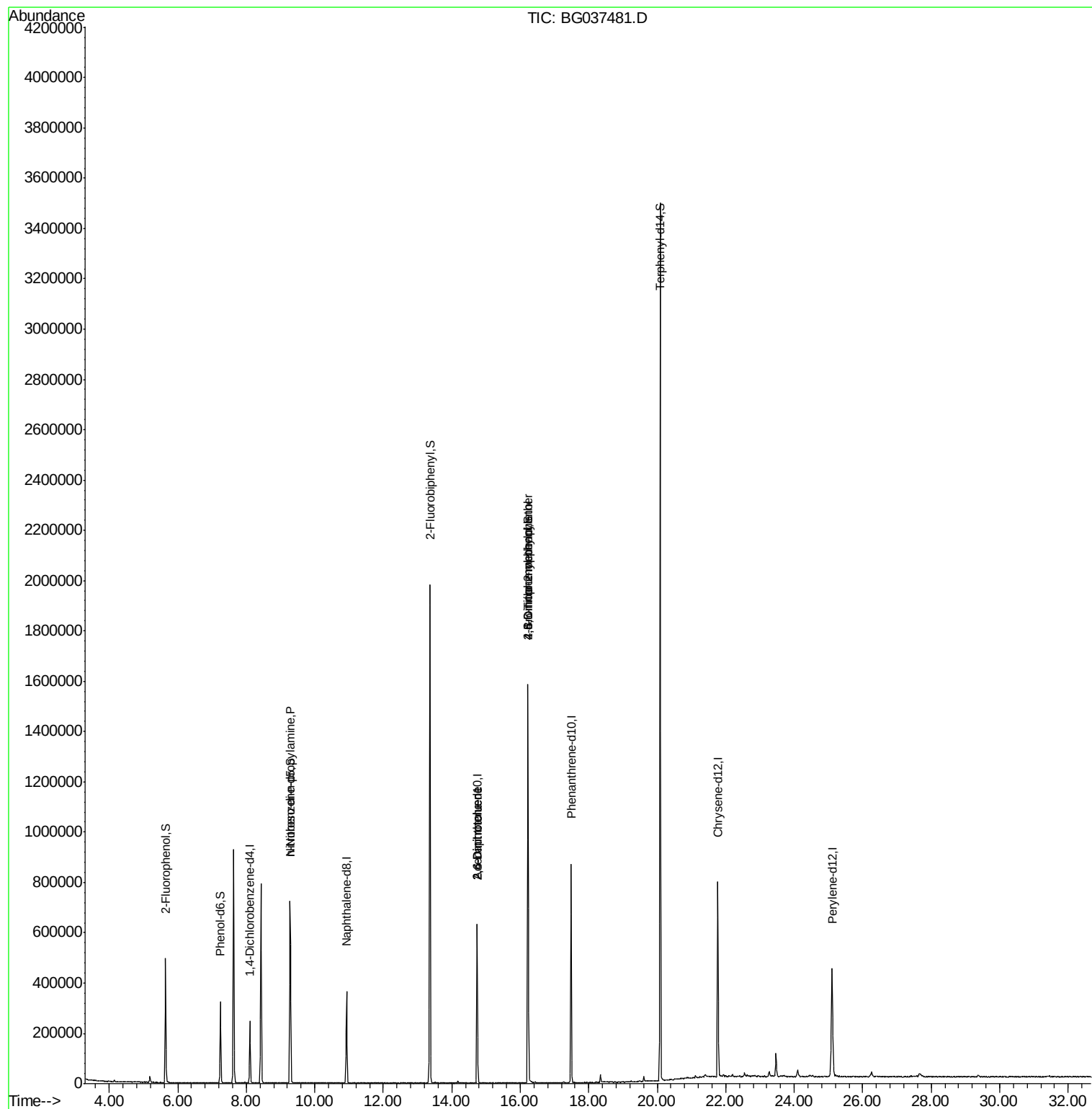
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	72162	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	329972	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	221252	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	531965	20.00	ng	0.00
76) Chrysene-d12	21.77	240	484724	20.00	ng	0.00
87) Perylene-d12	25.10	264	485801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	228684	52.98	ng	0.00
7) Phenol-d6	7.24	99	205114	31.43	ng	0.00
23) Nitrobenzene-d5	9.28	82	458755	77.88	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	287367	119.08	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1096990	74.77	ng	0.00
79) Terphenyl-d14	20.09	244	1622311	71.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	57261	12.740	ng	# 74
51) 2,6-Dinitrotoluene	14.74	165	28404	7.501	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	28404	5.715	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	939	8.784	ng	78
67) 4-Bromophenyl-phenylether	16.23	248	20916	3.580	ng	# 1

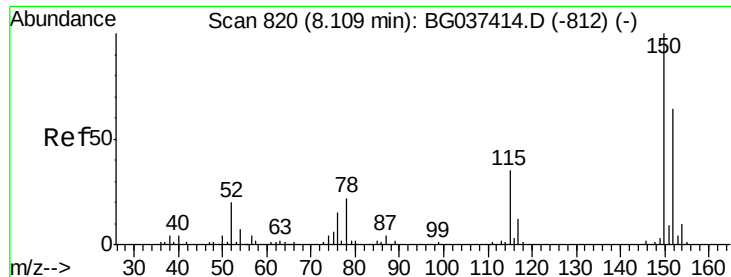
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 24 04:18:27 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



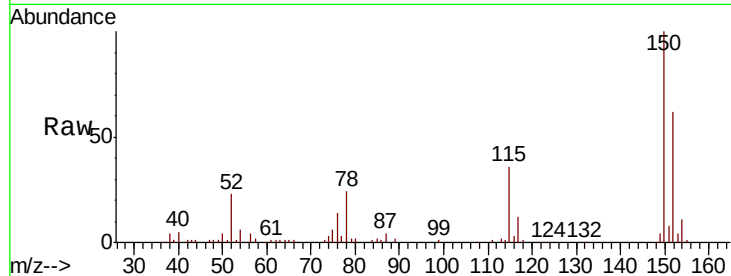


#1

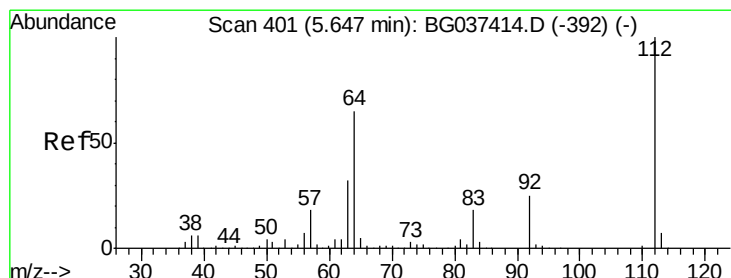
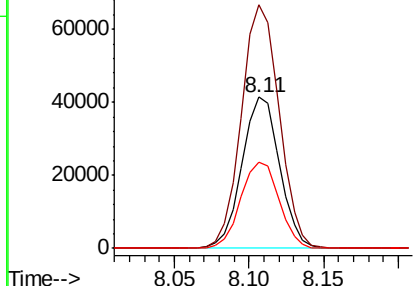
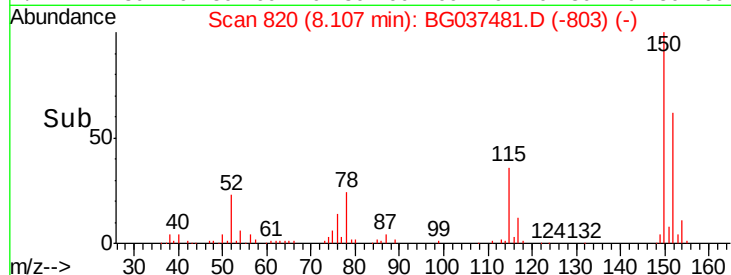
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037481.D
Acq: 23 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 72162
Ion Ratio Lower Upper
152 100
150 161.4 126.0 189.0
115 57.5 45.5 68.3



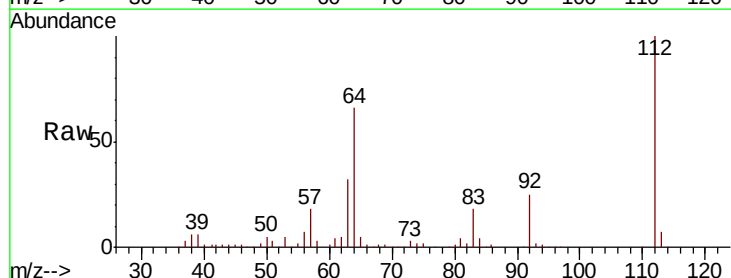
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



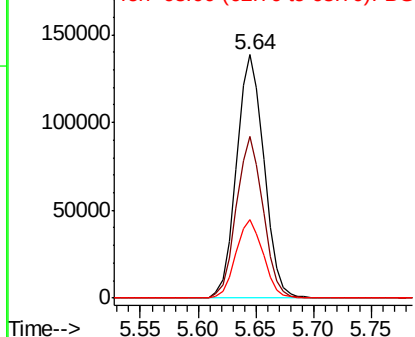
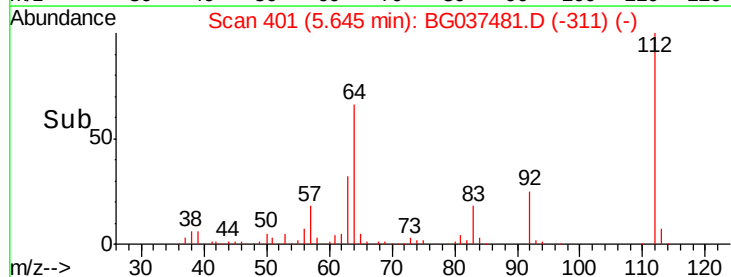
#5

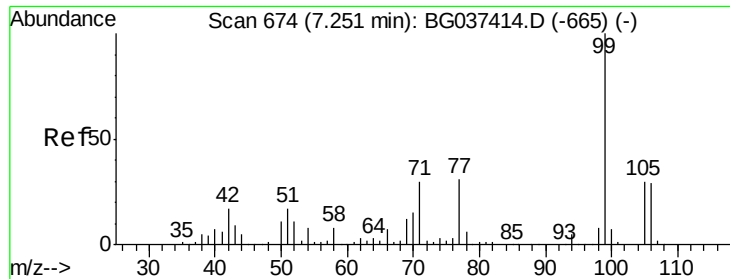
2-Fluorophenol
Concen: 52.982 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037481.D
Acq: 23 Oct 2018 18:10

Tgt Ion:112 Resp: 228684
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 32.2 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: 31.427 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037481.D

Acq: 23 Oct 2018 18:10

Instrument :

BNA_G

ClientSampleId :

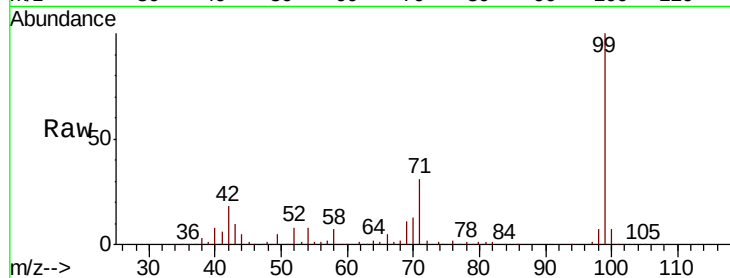
Tot Ion: 99 Resp: 205114

Ion Ratio Lower Upper

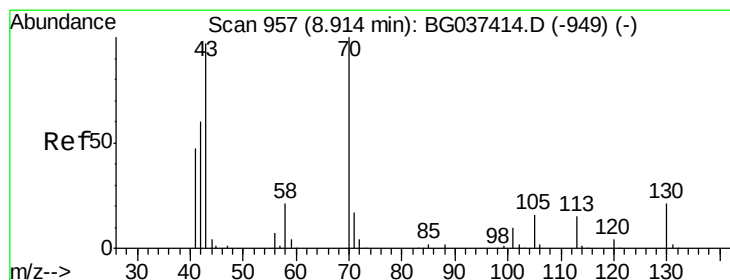
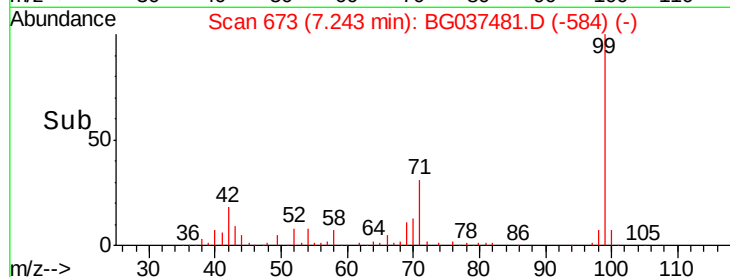
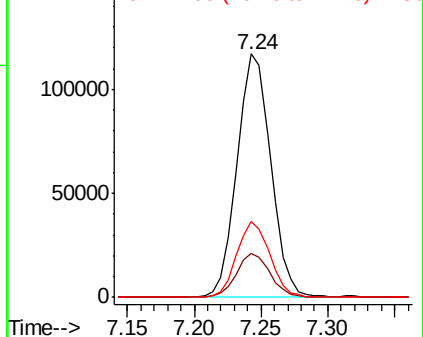
99 100

42 18.2 15.0 22.4

71 31.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.740 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037481.D

Acq: 23 Oct 2018 18:10

Tgt Ion: 70 Resp: 57261

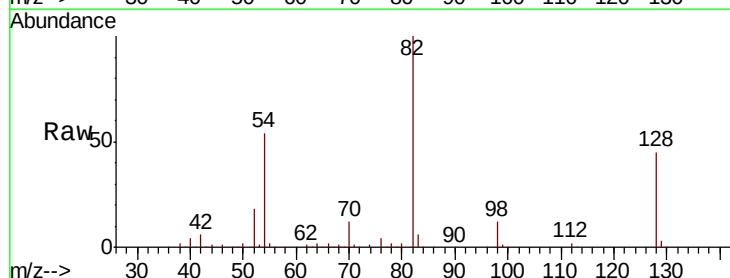
Ion Ratio Lower Upper

70 100

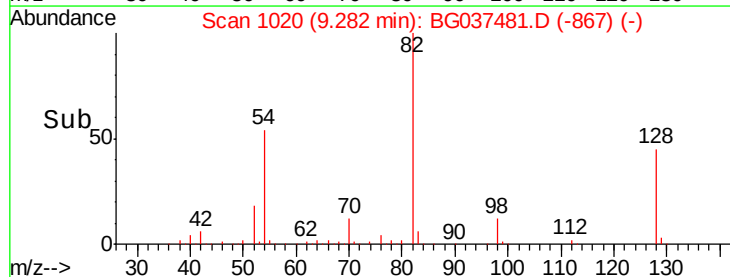
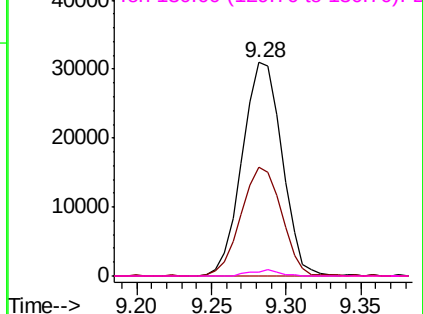
42 51.1 53.9 80.9#

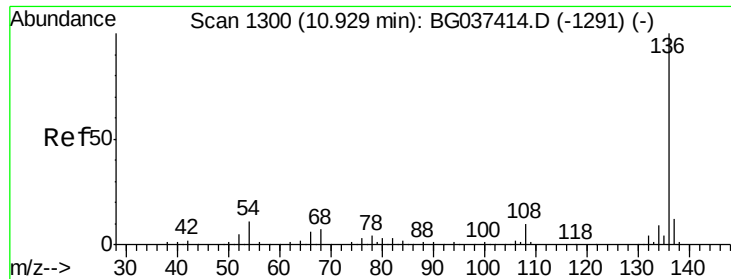
101 0.0 8.2 12.2#

130 1.6 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

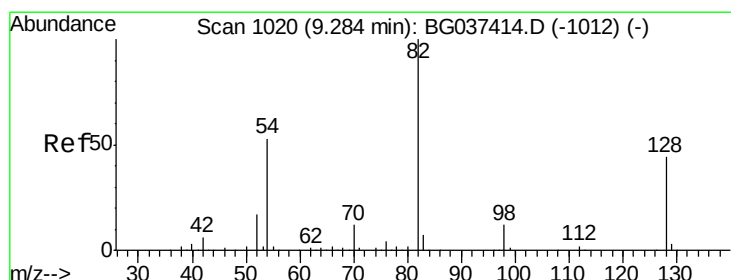
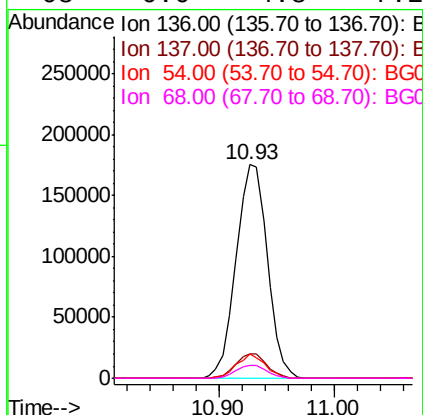
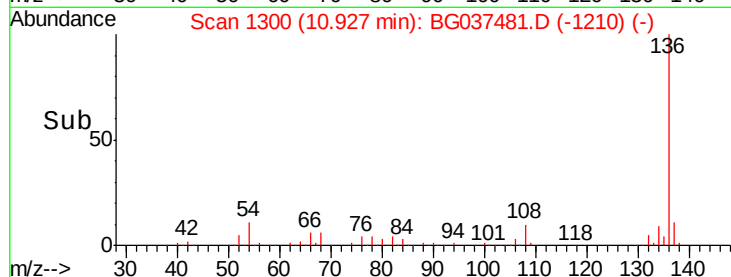
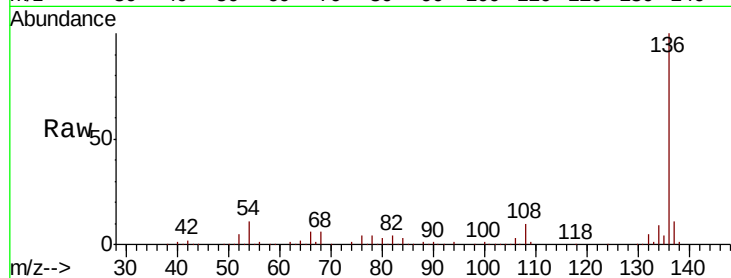




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037481.D
Acq: 23 Oct 2018 18:10

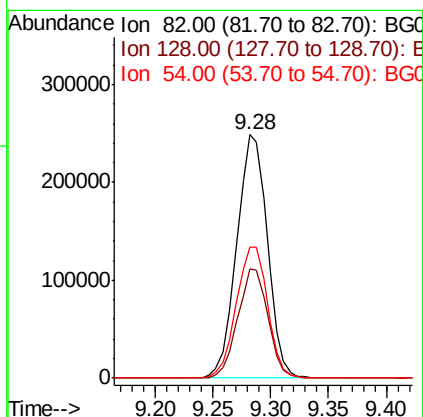
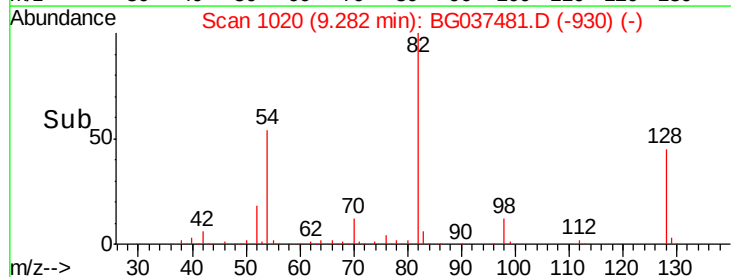
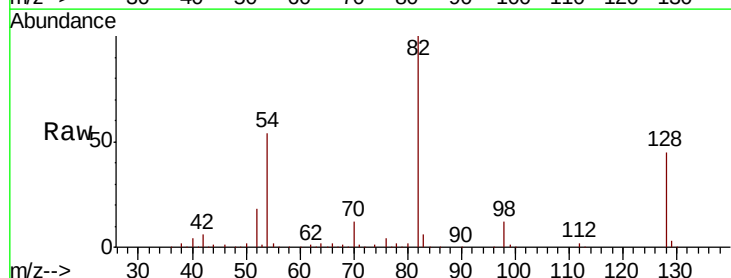
Instrument :
BNA_G
ClientSampleId :

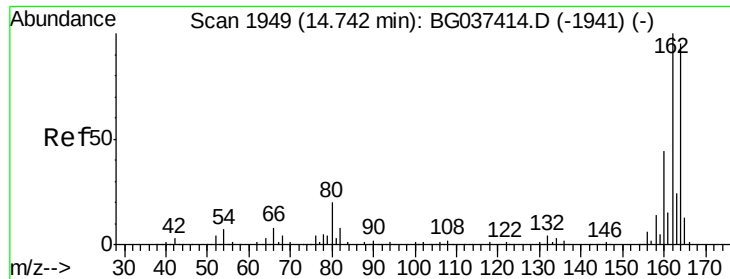
Tot Ion:136	Resp:	329972
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.6 14.4
54	11.3	7.9 11.9
68	6.0	4.8 7.2



#23
Nitrobenzene-d5
Concen: 77.882 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037481.D
Acq: 23 Oct 2018 18:10

Tgt Ion: 82	Resp:	458755
Ion	Ratio	Lower Upper
82	100	
128	44.6	34.6 51.8
54	54.0	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037481.D

Acq: 23 Oct 2018 18:10

Instrument :

BNA_G

ClientSampleId :

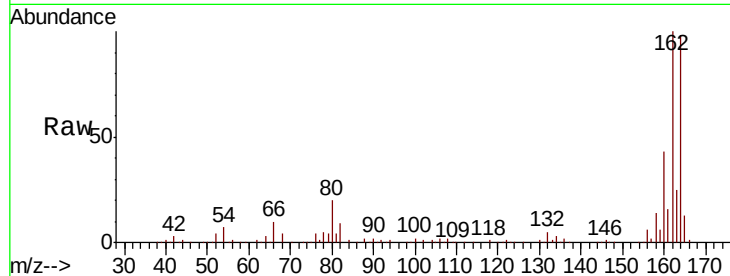
Tot Ion:164 Resp: 221252

Ion Ratio Lower Upper

164 100

162 102.3 81.3 121.9

160 44.4 36.3 54.5

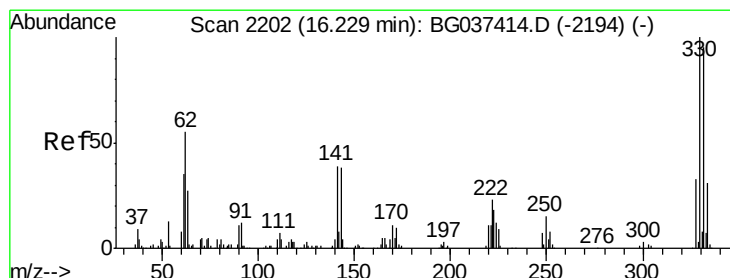
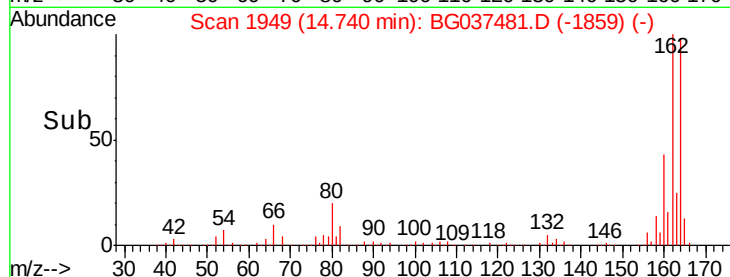
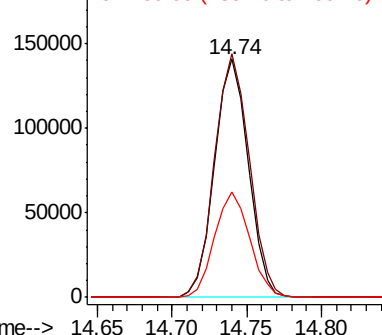


Abundance

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: 119.083 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037481.D

Acq: 23 Oct 2018 18:10

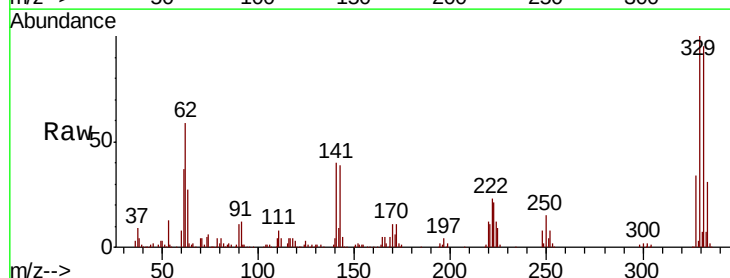
Tgt Ion:330 Resp: 287367

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

141 39.9 32.2 48.2

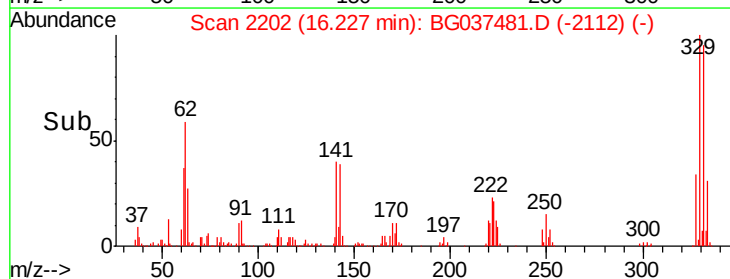
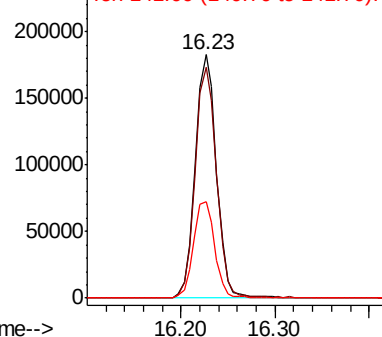


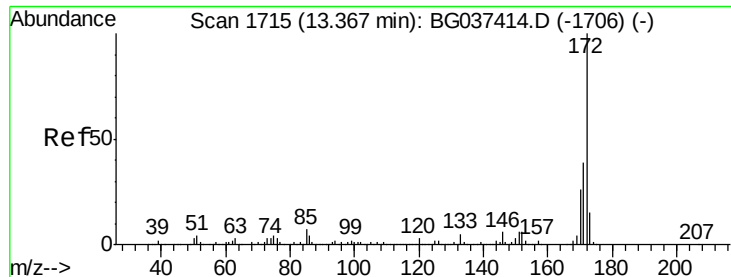
Abundance

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

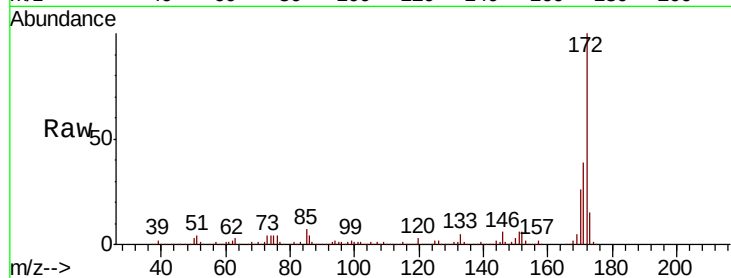




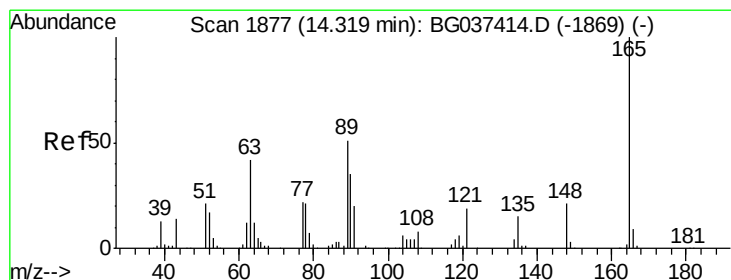
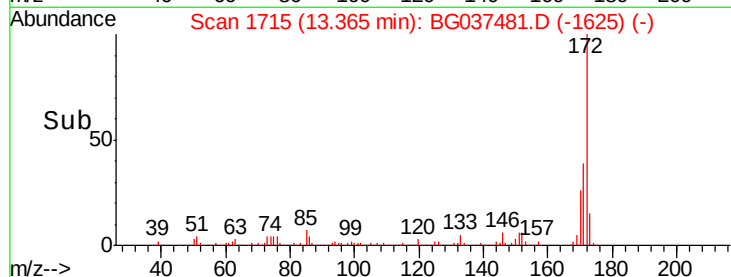
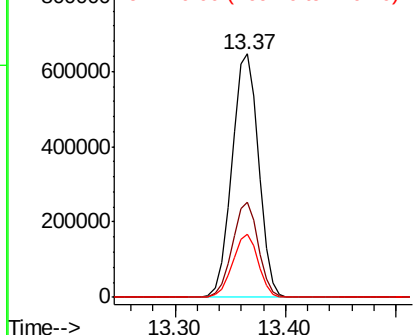
#45
2-Fluorobiphenyl
Concen: 74.765 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037481.D
Acq: 23 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1096990
Ion Ratio Lower Upper
172 100
171 39.2 31.0 46.4
170 25.8 20.2 30.2

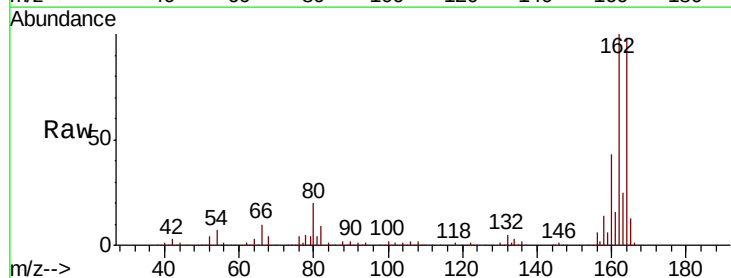


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

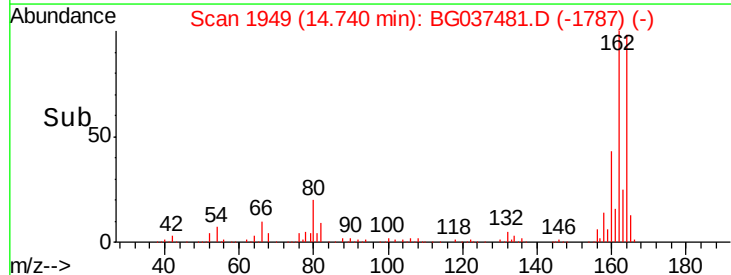
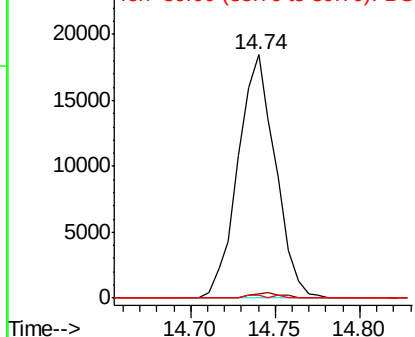


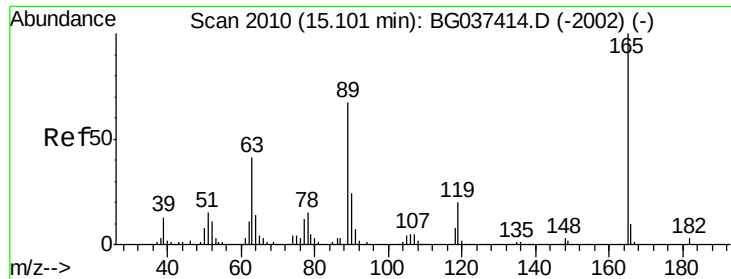
#51
2,6-Dinitrotoluene
Concen: 7.501 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.42 min
Lab File: BG037481.D
Acq: 23 Oct 2018 18:10

Tgt Ion:165 Resp: 28404
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.2#
89 1.2 45.8 68.6#



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

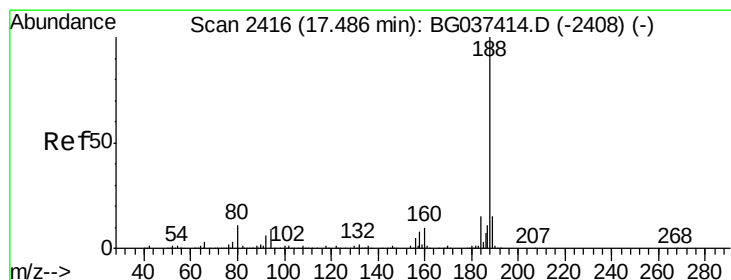
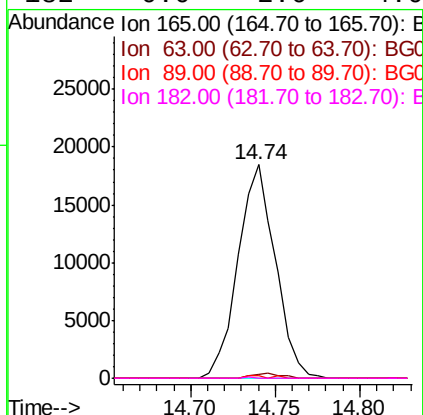
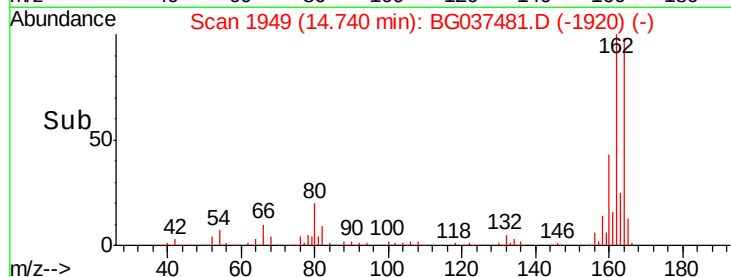
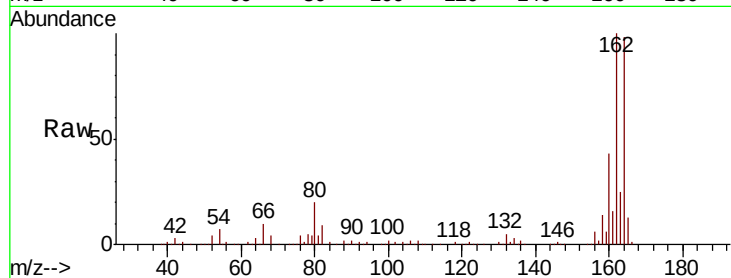




#57
 2,4-Dinitrotoluene
 Concen: 5.715 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG037481.D
 Acq: 23 Oct 2018 18:10

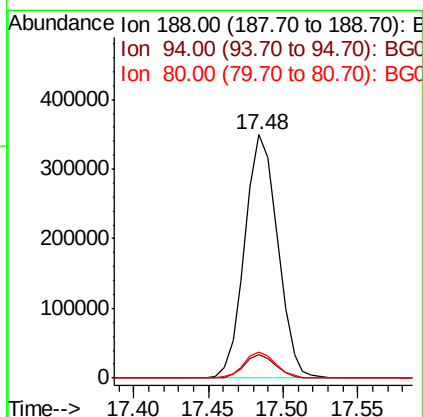
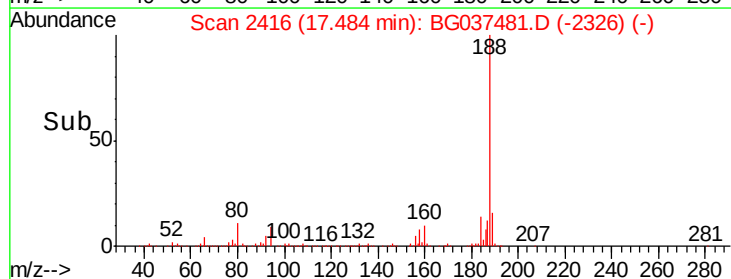
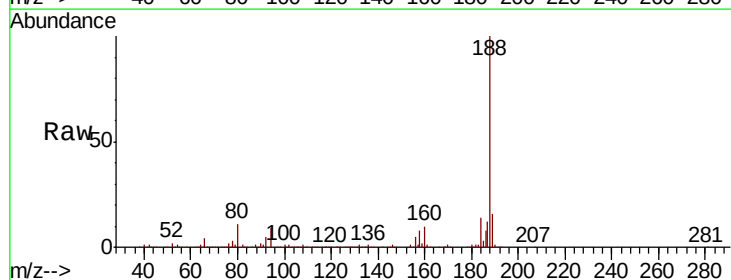
Instrument :
 BNA_G
 ClientSampled :

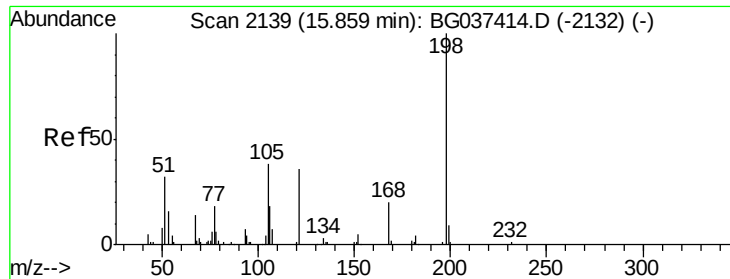
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	1.2	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037481.D
 Acq: 23 Oct 2018 18:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.7	7.7	11.5

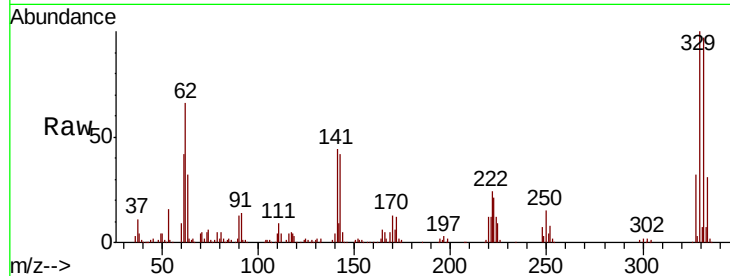




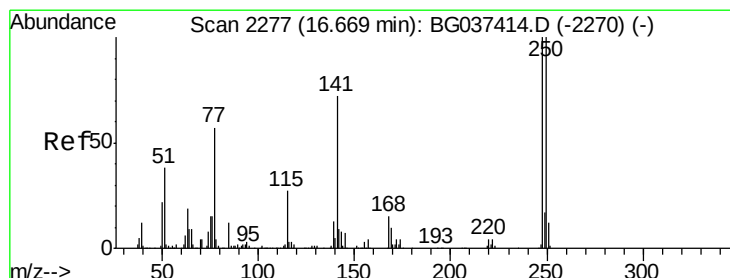
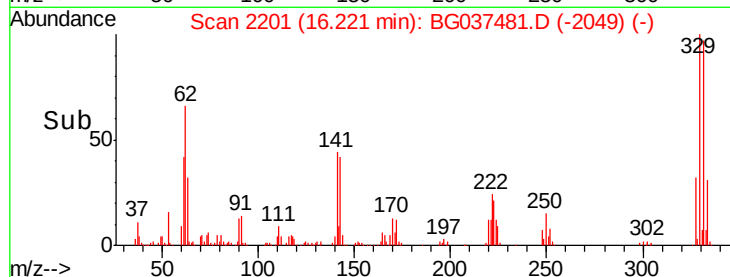
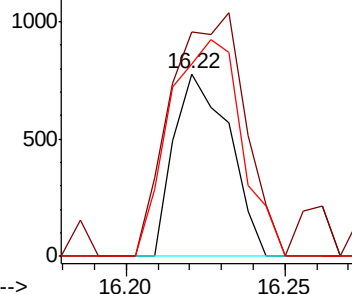
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.784 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037481.D
 Acq: 23 Oct 2018 18:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	29.7	22.7	62.7
105	25.4	19.7	59.7

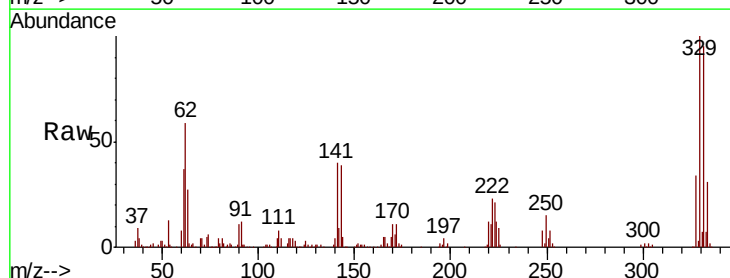


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

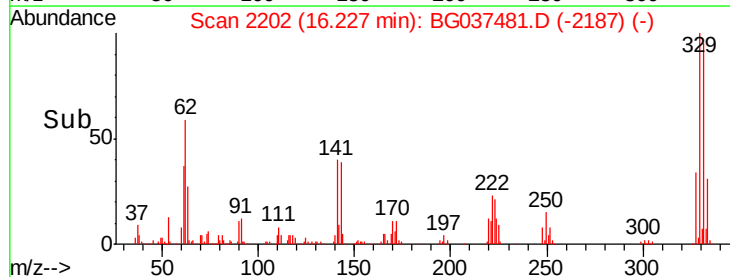
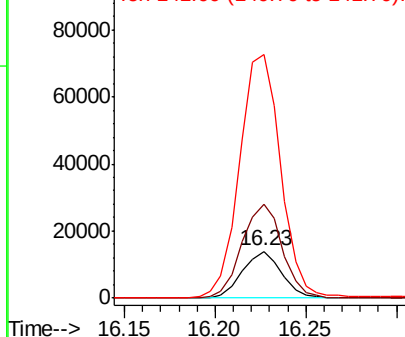


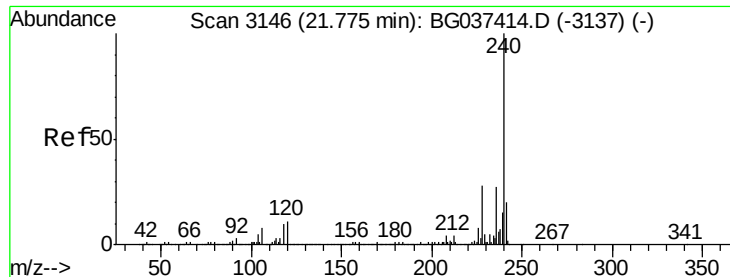
#67
 4-Bromophenyl-phenylether
 Concen: 3.580 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037481.D
 Acq: 23 Oct 2018 18:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	199.2	77.0	115.6#
141	400.8	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: BG037481.D

Acq: 23 Oct 2018 18:10

Instrument :

BNA_G

ClientSampleId :

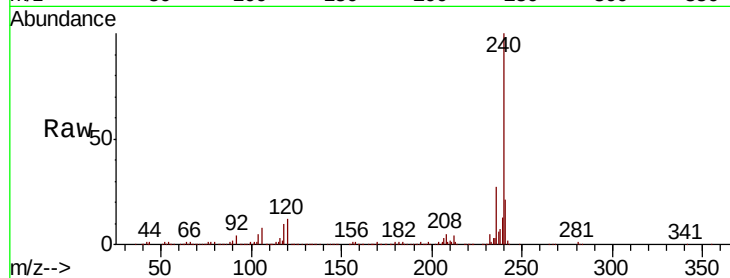
Tot Ion:240 Resp: 484724

Ion Ratio Lower Upper

240 100

120 11.5 8.1 12.1

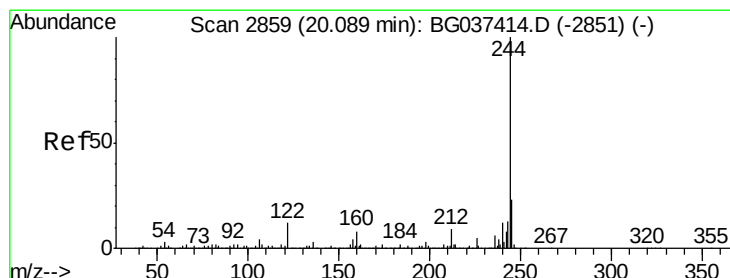
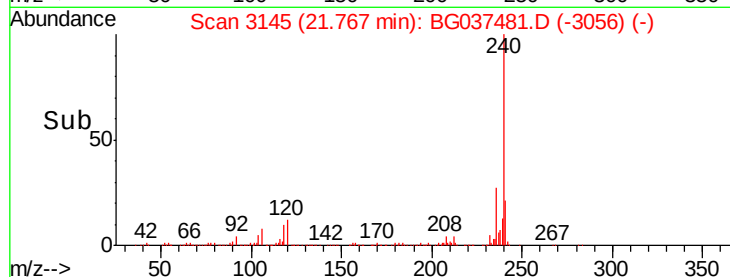
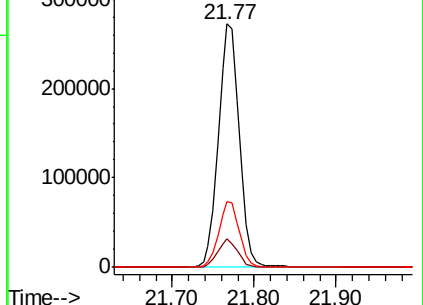
236 27.0 21.4 32.0



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: 71.515 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037481.D

Acq: 23 Oct 2018 18:10

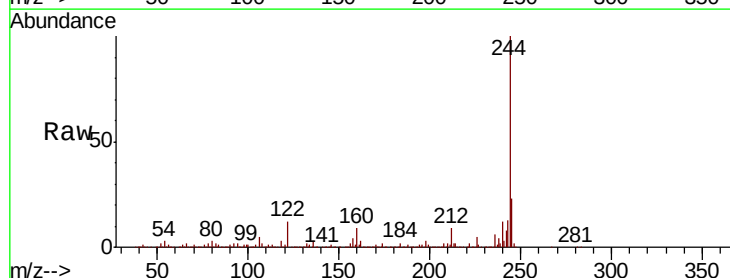
Tgt Ion:244 Resp: 1622311

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

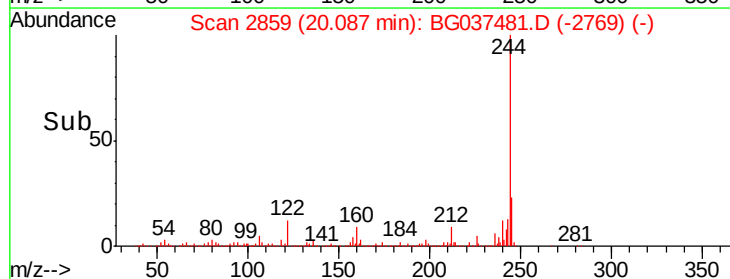
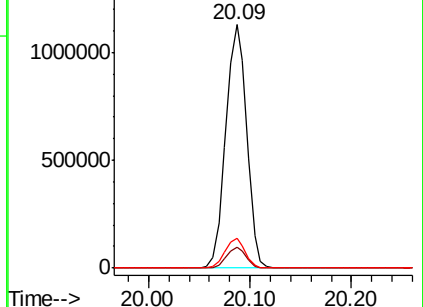
122 12.4 9.0 13.4

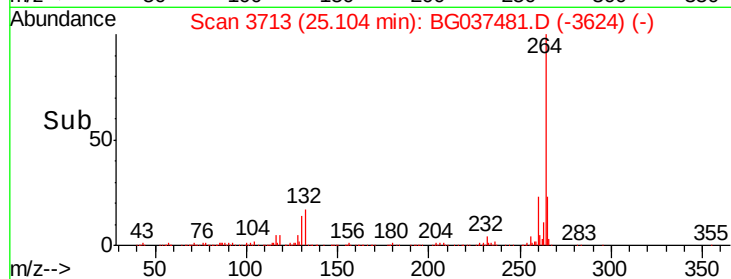
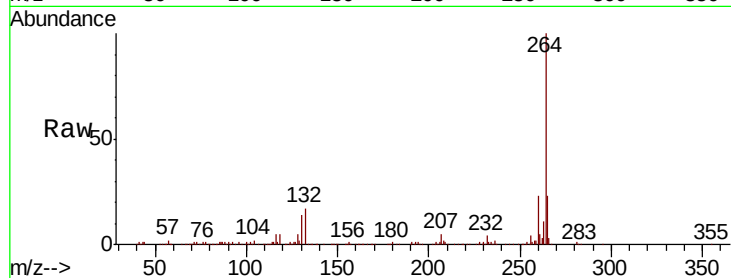
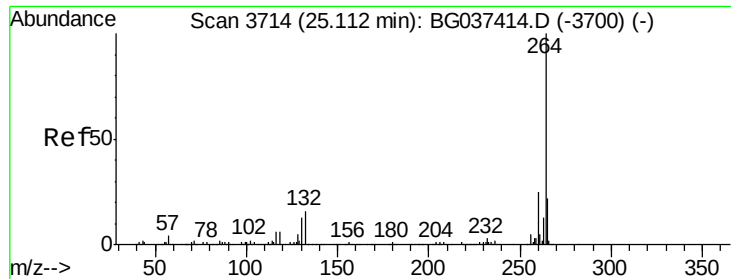


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3713
 Delta R.T. -0.01 min
 Lab File: BG037481.D
 Acq: 23 Oct 2018 18:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	485801
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	23.2	17.9	26.9

