

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037500.D
 Acq On : 24 Oct 2018 7:40
 Operator : JU/SJ
 Sample : J5623-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 09:10:33 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

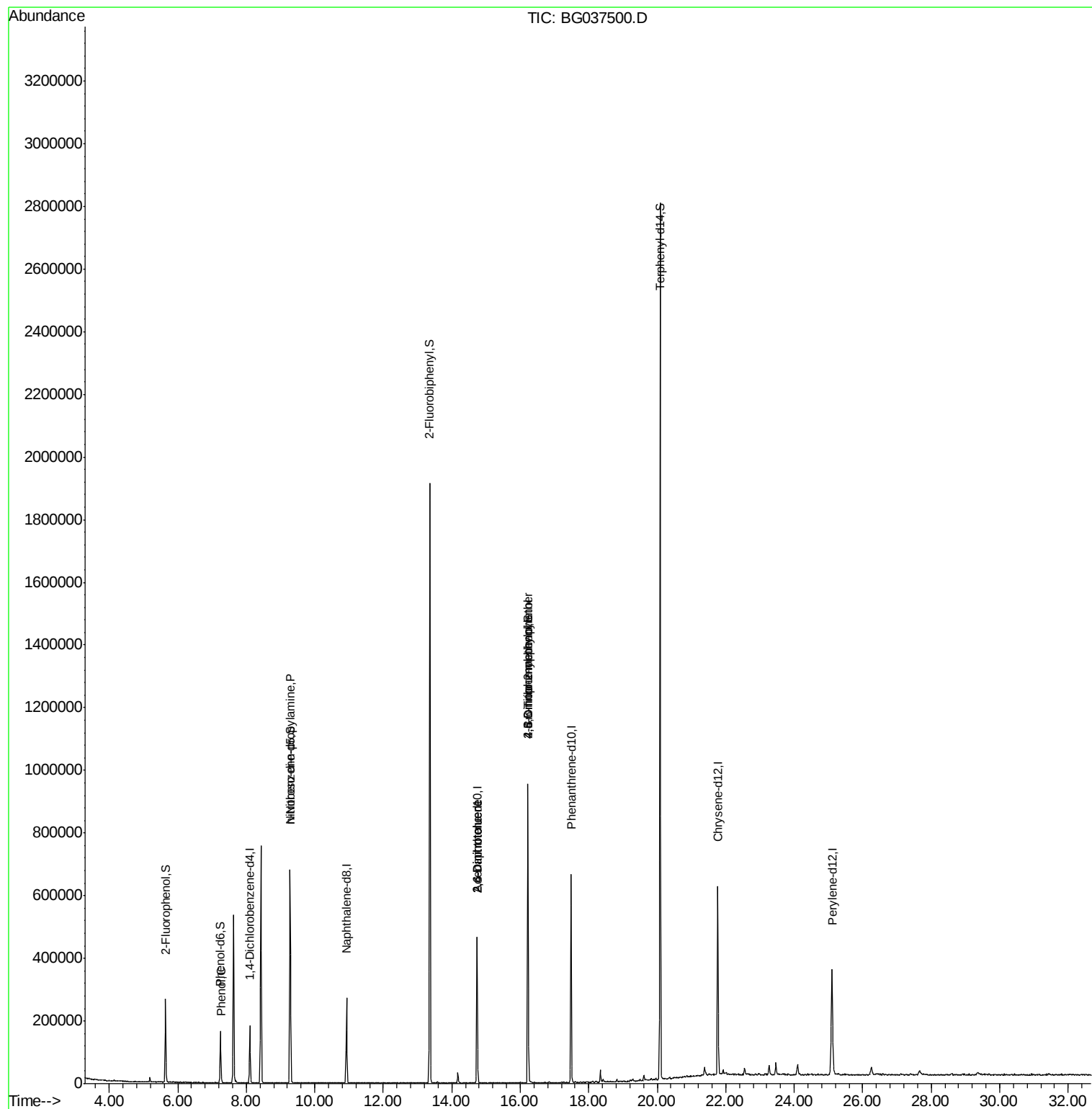
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	53844	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	242563	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	165539	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	410057	20.00	ng	0.00
76) Chrysene-d12	21.77	240	369773	20.00	ng	0.00
87) Perylene-d12	25.10	264	367959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	121050	37.59	ng	0.00
7) Phenol-d6	7.24	99	102040	20.95	ng	0.00
23) Nitrobenzene-d5	9.28	82	413568	95.51	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	170076	94.20	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1042936	95.00	ng	0.00
79) Terphenyl-d14	20.09	244	1354404	78.27	ng	0.00
Target Compounds						
10) Phenol	7.27	94	12422	2.418	ng	92
19) n-Nitroso-di-n-propylamine	9.28	70	52853	15.760	ng	# 72
51) 2,6-Dinitrotoluene	14.74	165	20979	7.405	ng	# 24
57) 2,4-Dinitrotoluene	14.74	165	20979	5.641	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	424	8.670	ng	84
67) 4-Bromophenyl-phenylether	16.23	248	12304	2.732	ng	# 1

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

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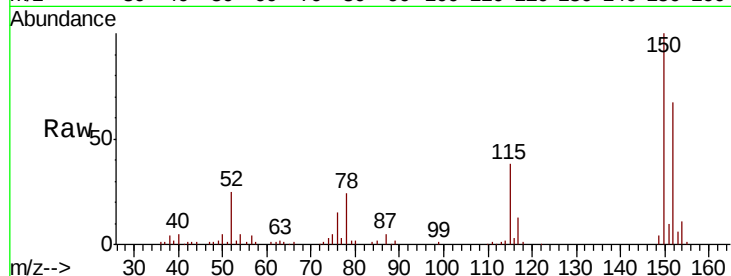


#1

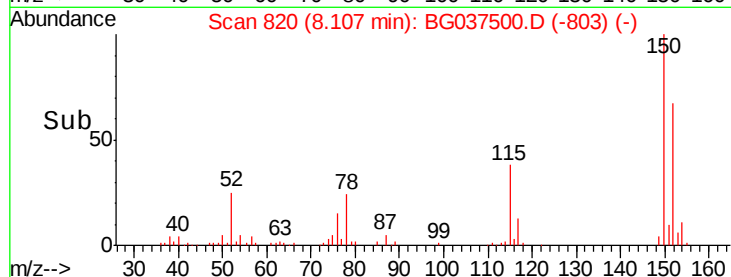
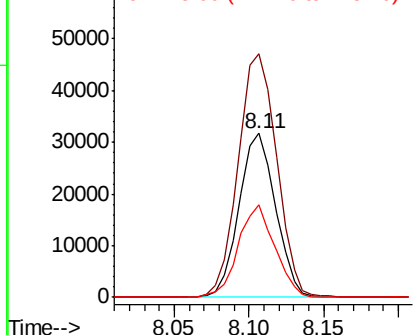
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037500.D
Acq: 24 Oct 2018 7:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53844
Ion Ratio Lower Upper
152 100
150 148.3 126.0 189.0
115 56.4 45.5 68.3



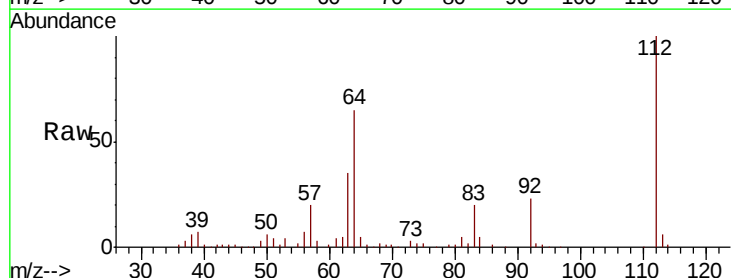
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



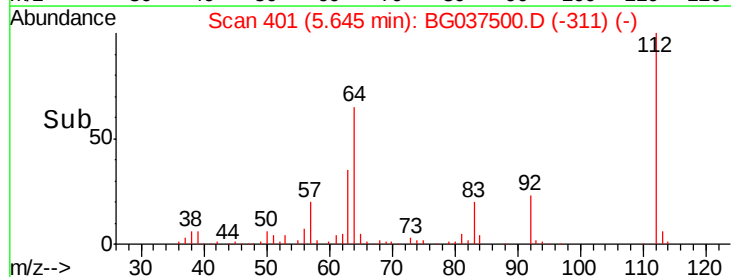
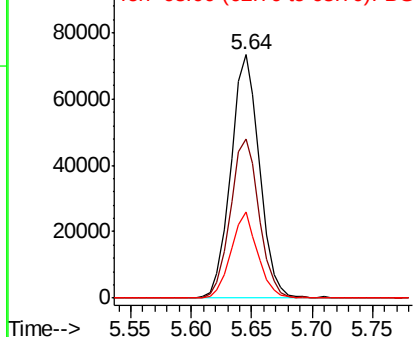
#5

2-Fluorophenol
Concen: 37.586 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037500.D
Acq: 24 Oct 2018 7:40

Tgt Ion:112 Resp: 121050
Ion Ratio Lower Upper
112 100
64 65.4 53.1 79.7
63 35.1 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: 20.953 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037500.D

Acq: 24 Oct 2018 7:40

Instrument :

BNA_G

ClientSampleId :

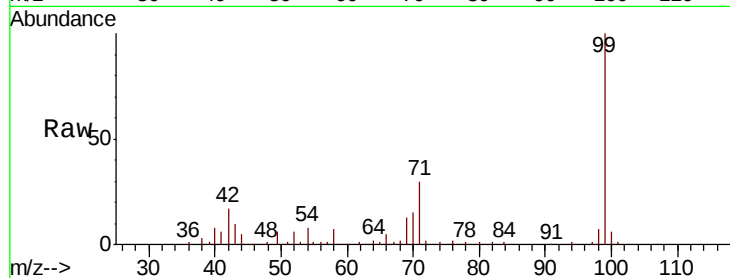
Tot Ion: 99 Resp: 102040

Ion Ratio Lower Upper

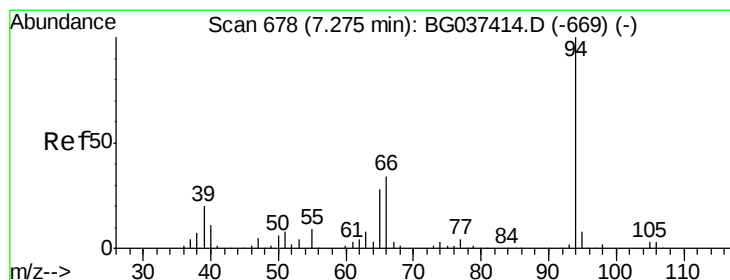
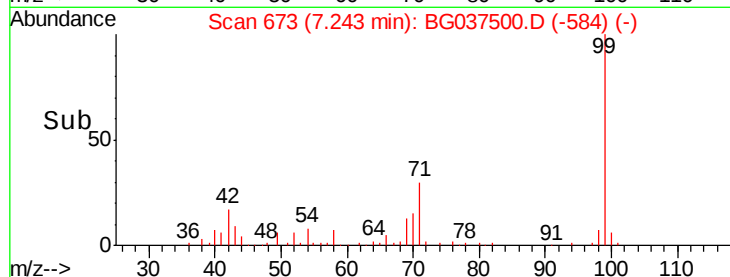
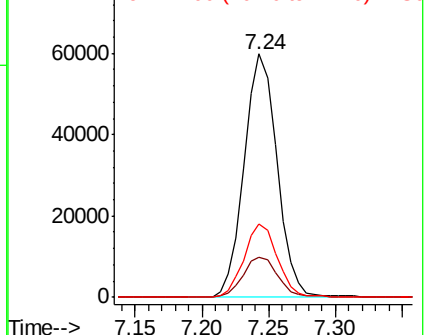
99 100

42 16.7 15.0 22.4

71 30.1 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



#10

Phenol

Concen: 2.418 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037500.D

Acq: 24 Oct 2018 7:40

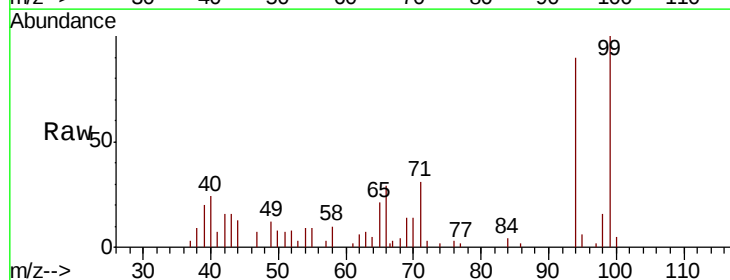
Tgt Ion: 94 Resp: 12422

Ion Ratio Lower Upper

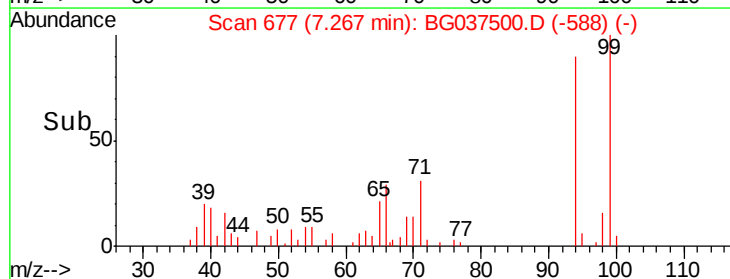
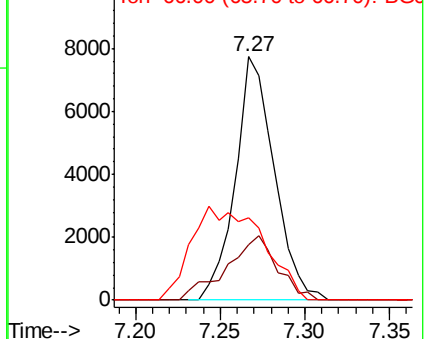
94 100

65 22.8 9.7 49.7

66 34.0 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

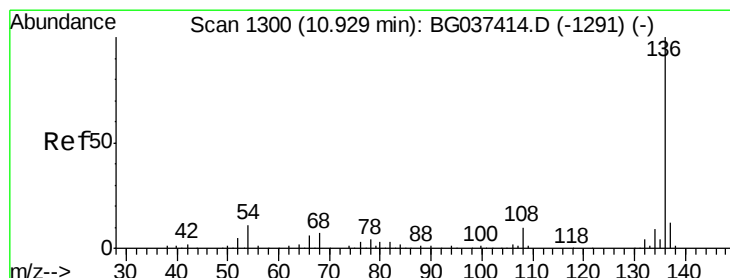
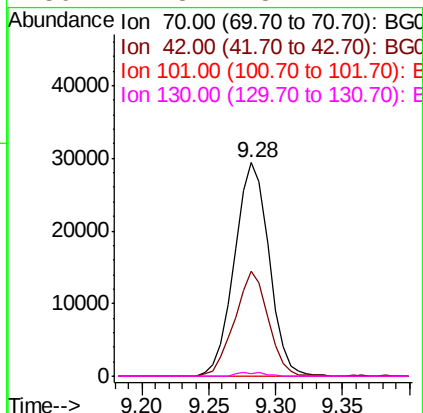
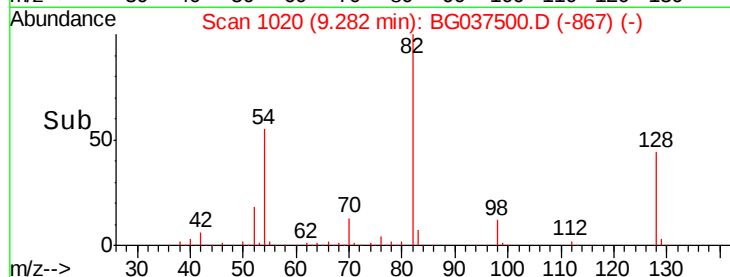
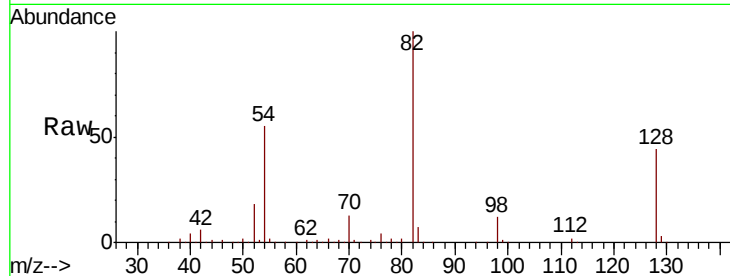




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.760 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.37 min
 Lab File: BG037500.D
 Acq: 24 Oct 2018 7:40

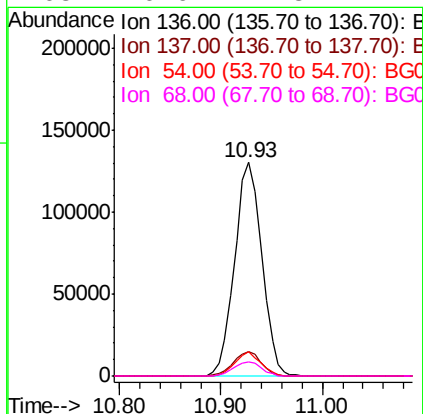
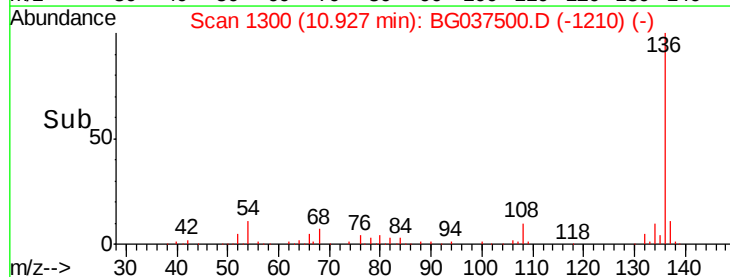
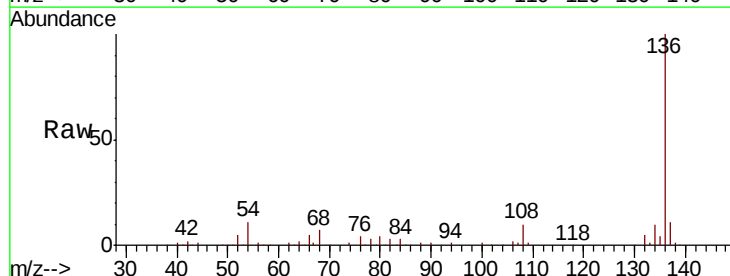
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 70 Resp: 52853
 Ion Ratio Lower Upper
 70 100
 42 49.1 53.9 80.9#
 101 0.0 8.2 12.2#
 130 1.3 18.2 27.4#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.93 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG037500.D
 Acq: 24 Oct 2018 7:40

Tgt Ion: 136 Resp: 242563
 Ion Ratio Lower Upper
 136 100
 137 11.2 9.6 14.4
 54 11.5 7.9 11.9
 68 6.6 4.8 7.2

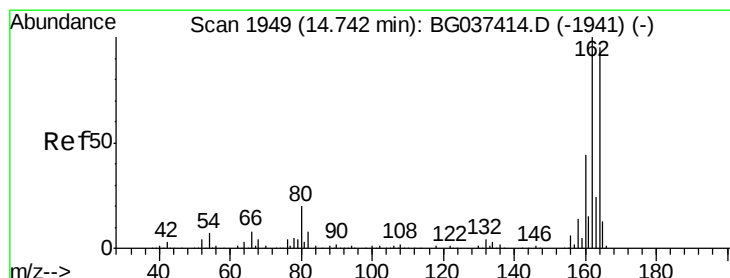
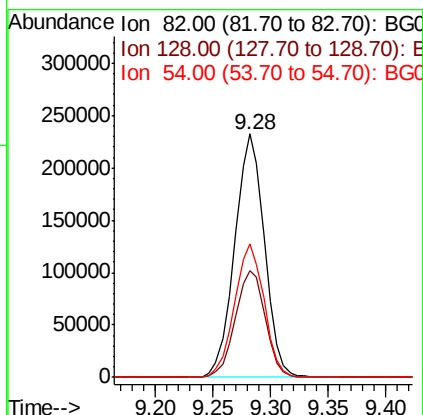
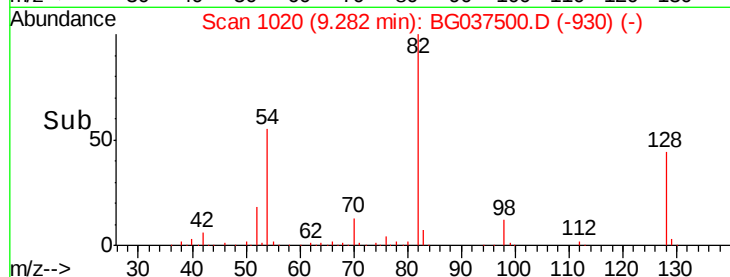
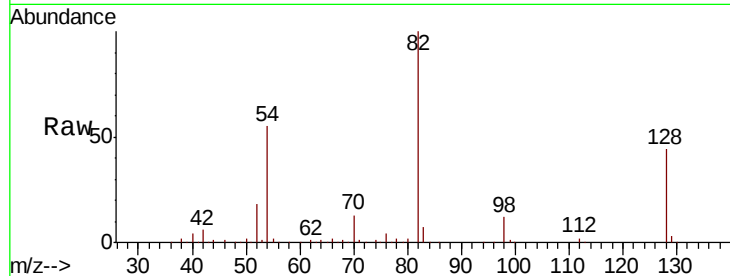




#23
Nitrobenzene-d5
Concen: 95.512 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037500.D
Acq: 24 Oct 2018 7:40

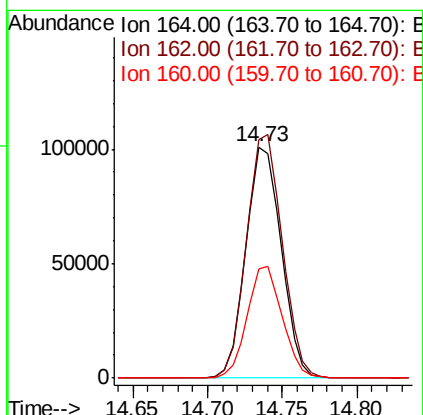
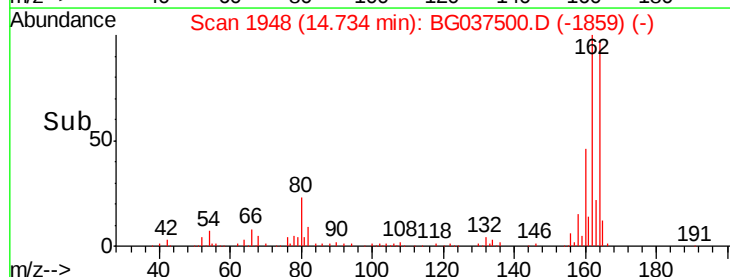
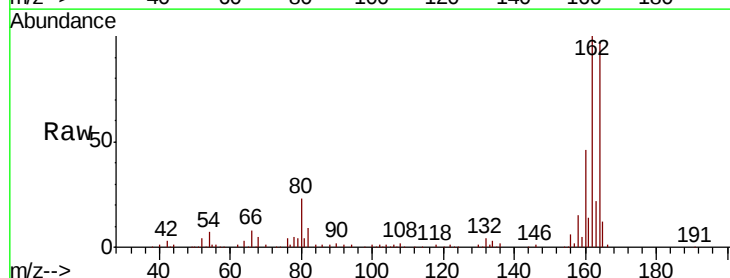
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	413568
Ion Ratio	Lower	Upper	
82	100		
128	43.7	34.6	51.8
54	54.6	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: BG037500.D
Acq: 24 Oct 2018 7:40

Tgt Ion	164	Resp	165539
Ion Ratio	Lower	Upper	
164	100		
162	103.0	81.3	121.9
160	47.4	36.3	54.5

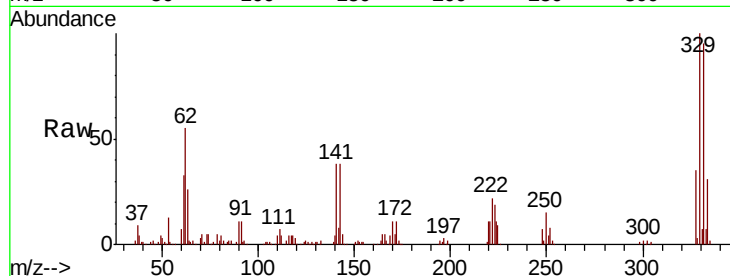




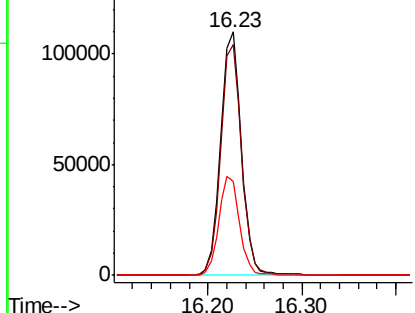
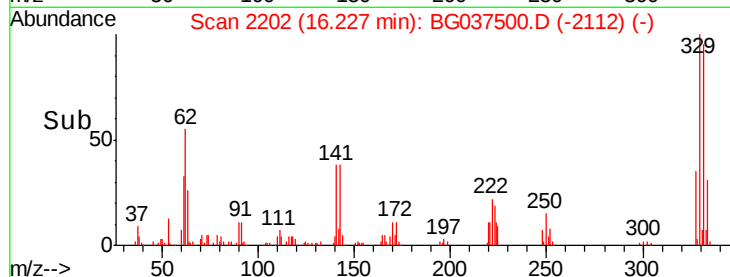
#42
 2,4,6-Tribromophenol
 Concen: 94.198 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037500.D
 Acq: 24 Oct 2018 7:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 170076
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.4 117.6
 141 40.4 32.2 48.2

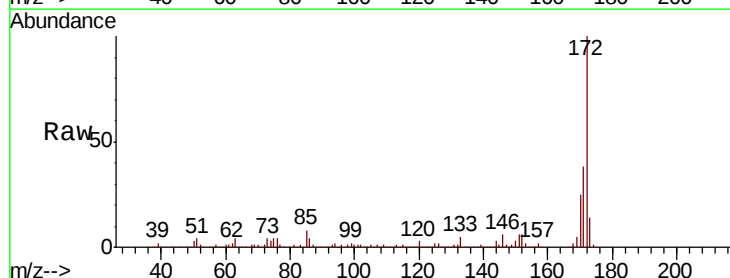


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

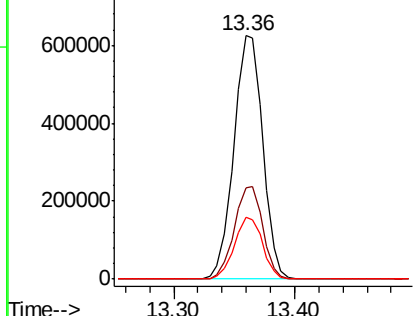
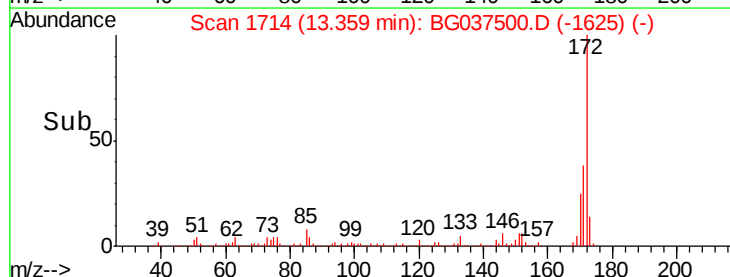


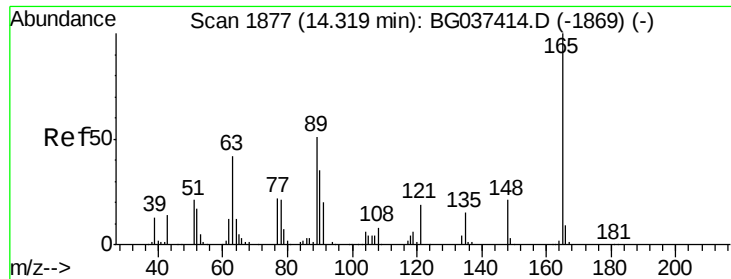
#45
 2-Fluorobiphenyl
 Concen: 95.004 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037500.D
 Acq: 24 Oct 2018 7:40

Tgt Ion:172 Resp: 1042936
 Ion Ratio Lower Upper
 172 100
 171 37.5 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

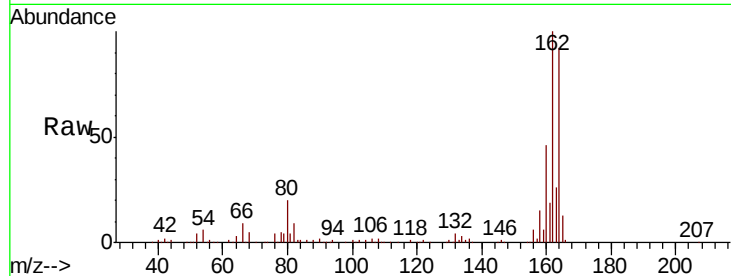




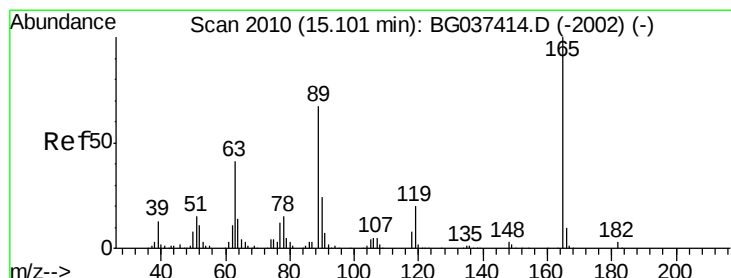
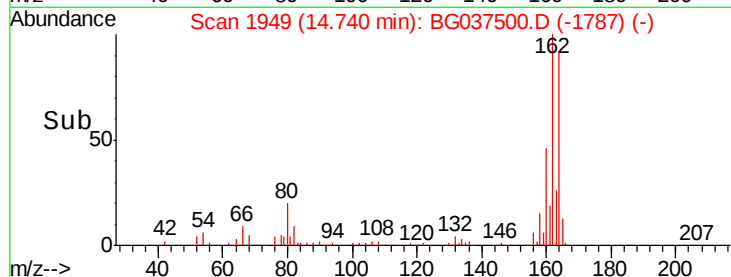
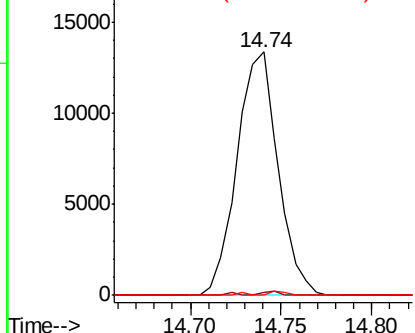
#51
 2,6-Dinitrotoluene
 Concen: 7.405 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG037500.D
 Acq: 24 Oct 2018 7:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.2#
89	0.0	45.8	68.6#

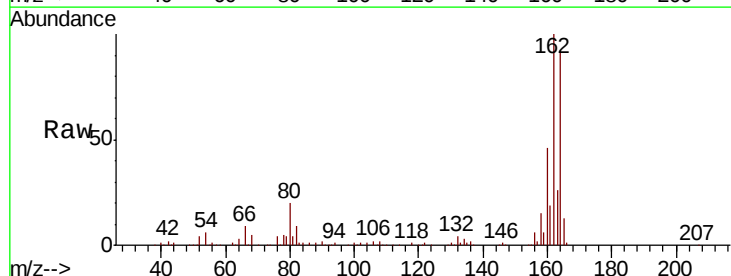


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

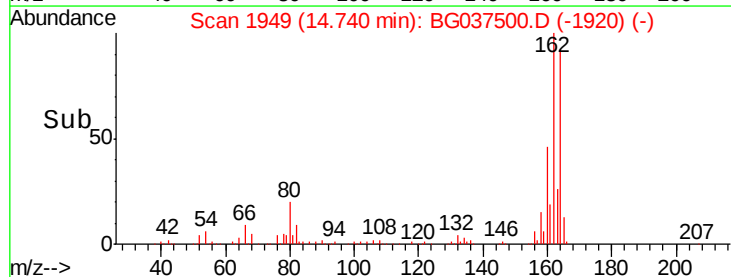
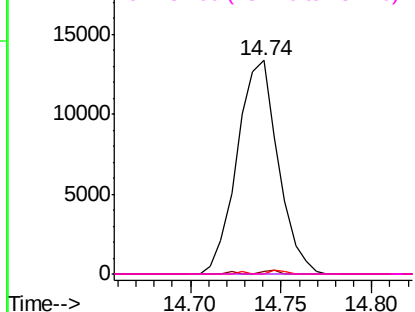


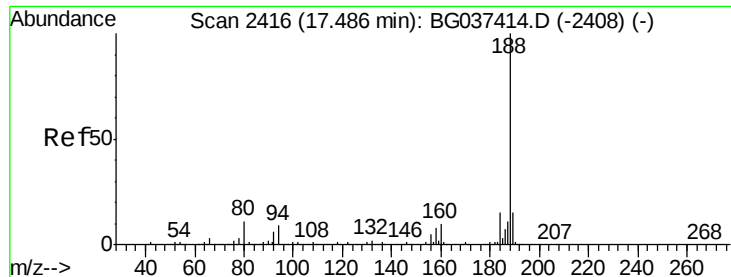
#57
 2,4-Dinitrotoluene
 Concen: 5.641 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG037500.D
 Acq: 24 Oct 2018 7:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	0.0	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# 2416

Delta R.T. -0.00 min

Lab File: BG037500.D

Acq: 24 Oct 2018 7:40

Instrument :

BNA_G

ClientSampleId :

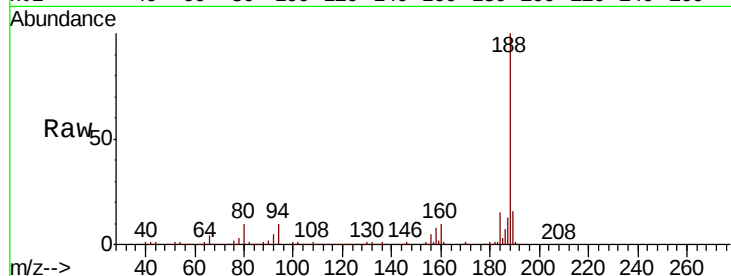
Tot Ion:188 Resp: 410057

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

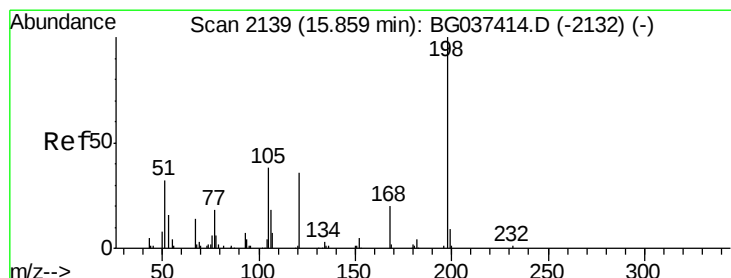
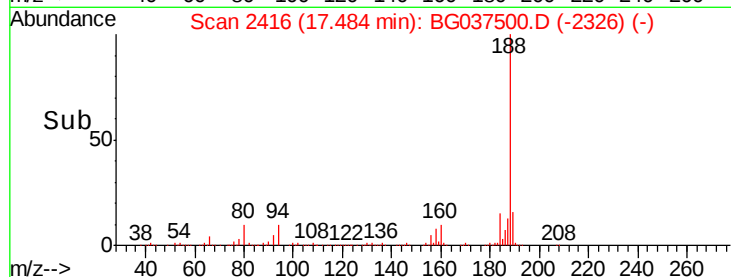
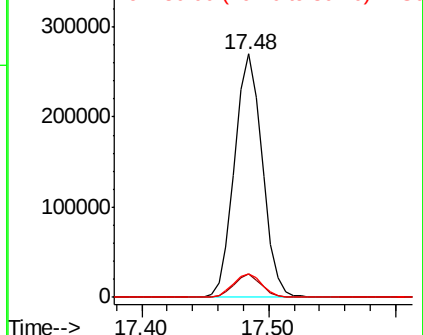
80 9.7 7.7 11.5



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: 8.670 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037500.D

Acq: 24 Oct 2018 7:40

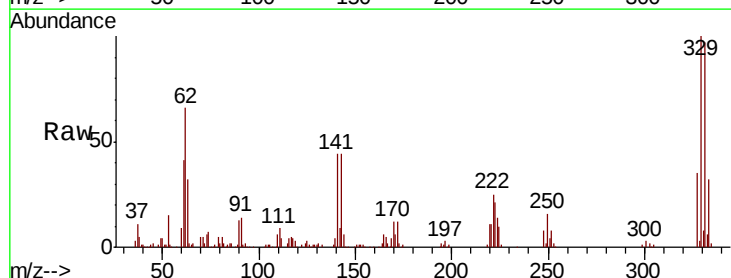
Tgt Ion:198 Resp: 424

Ion Ratio Lower Upper

198 100

51 58.7 22.7 62.7

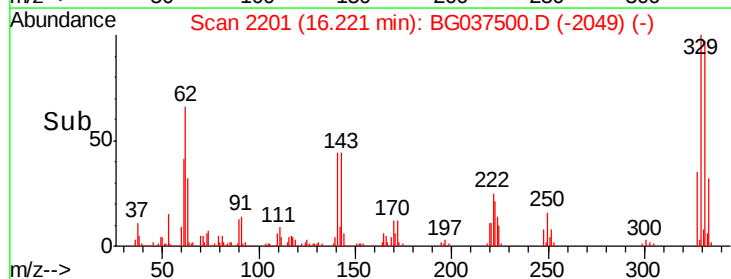
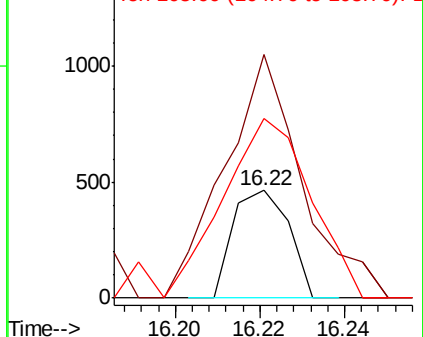
105 43.5 19.7 59.7



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

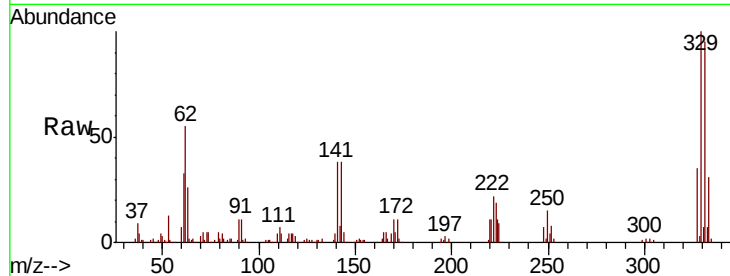




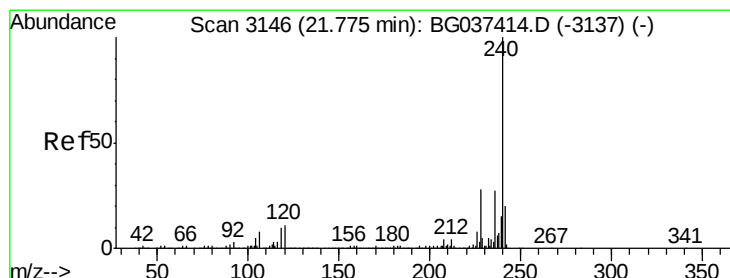
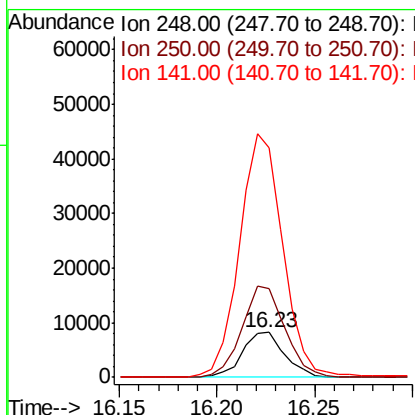
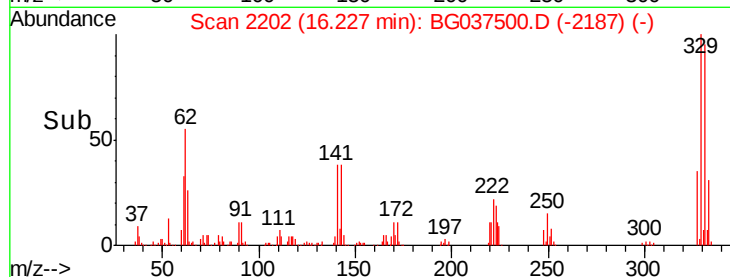
#67
 4-Bromophenyl-phenylether
 Concen: 2.732 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037500.D
 Acq: 24 Oct 2018 7:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 12304
 Ion Ratio Lower Upper
 248 100
 250 191.4 77.0 115.6#
 141 388.1 55.5 83.3#

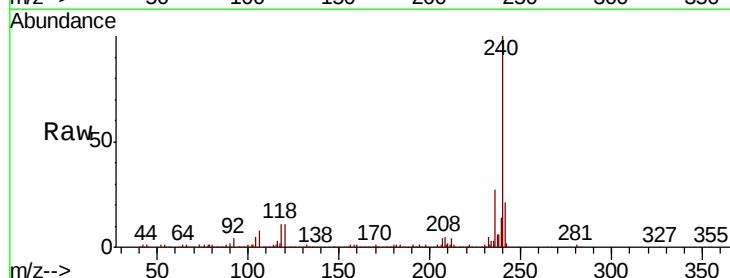


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

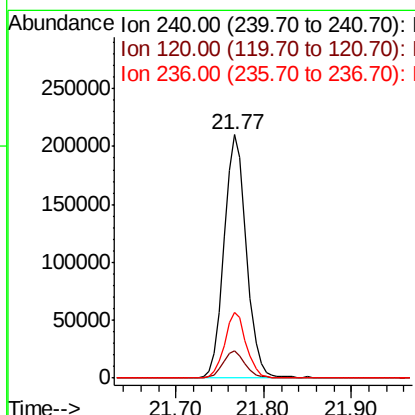
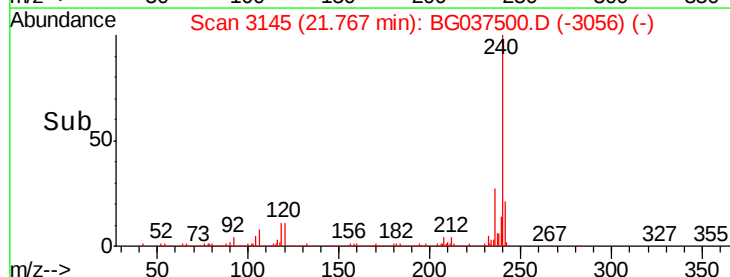


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037500.D
 Acq: 24 Oct 2018 7:40

Tgt Ion:240 Resp: 369773
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.1 12.1
 236 27.2 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

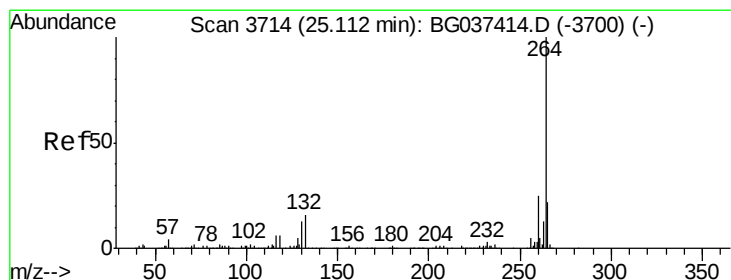
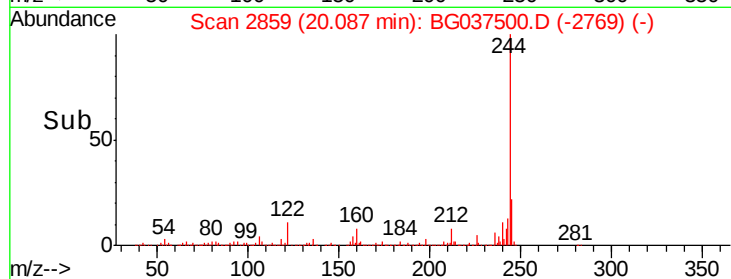
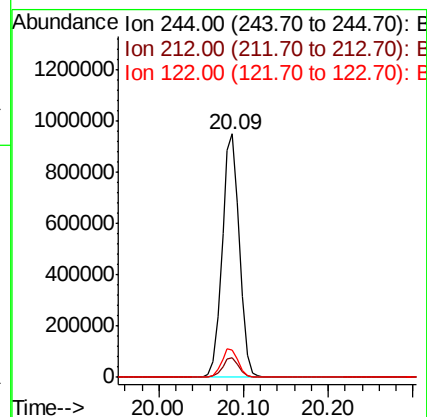
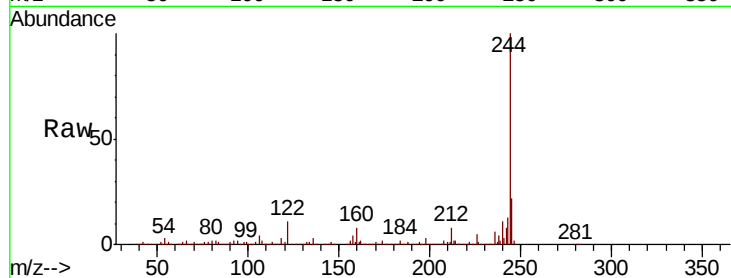




#79
 Terphenyl-d14
 Concen: 78.265 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG037500.D
 Acq: 24 Oct 2018 7:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1354404
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 11.4 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG037500.D
 Acq: 24 Oct 2018 7:40

Tgt Ion:264 Resp: 367959
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.4
 265 22.1 17.9 26.9

