

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037501.D
 Acq On : 24 Oct 2018 8:19
 Operator : JU/SJ
 Sample : J5623-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 09:36:53 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

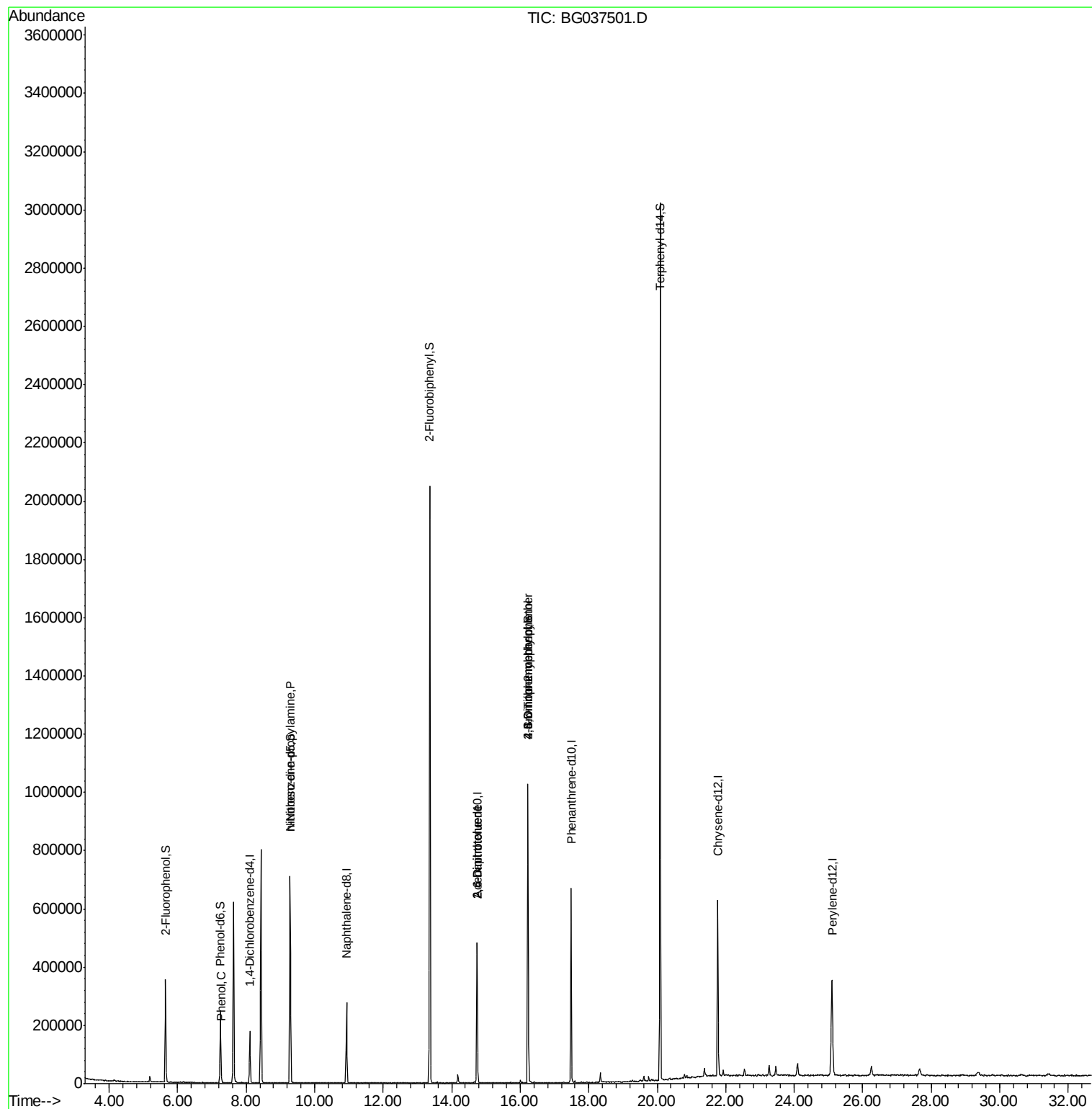
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	53465	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	248980	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	168156	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	412209	20.00	ng	0.00
76) Chrysene-d12	21.77	240	370857	20.00	ng	0.00
87) Perylene-d12	25.10	264	370202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	164806	51.53	ng	0.00
7) Phenol-d6	7.24	99	154141	31.88	ng	0.00
23) Nitrobenzene-d5	9.28	82	442987	99.67	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	185779	101.29	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1096432	98.32	ng	0.00
79) Terphenyl-d14	20.09	244	1425429	82.13	ng	0.00
Target Compounds						
10) Phenol	7.27	94	14143	2.772	ng	98
19) n-Nitroso-di-n-propylamine	9.28	70	55720	16.733	ng	# 71
51) 2,6-Dinitrotoluene	14.74	165	21933	7.621	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	21933	5.806	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	632	8.748	ng	81
67) 4-Bromophenyl-phenylether	16.22	248	14449	3.192	ng	# 1

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

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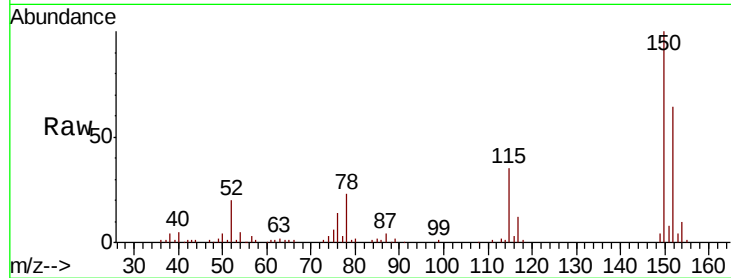


#1

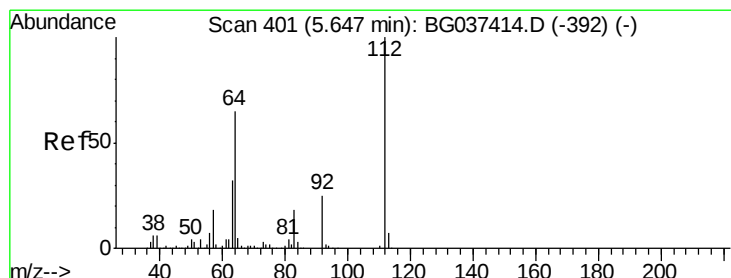
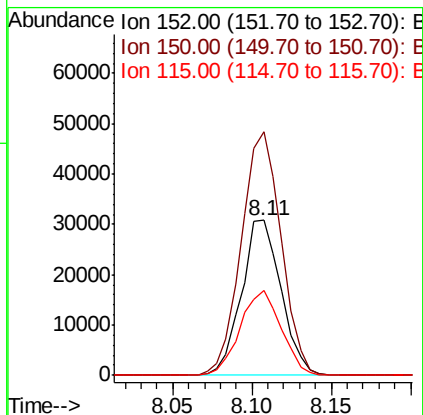
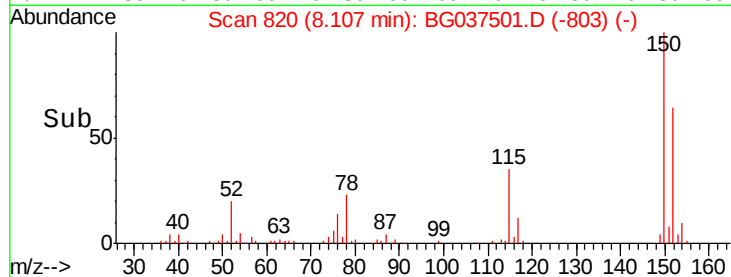
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037501.D
Acq: 24 Oct 2018 8:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.0	189.0
115	55.0	45.5	68.3



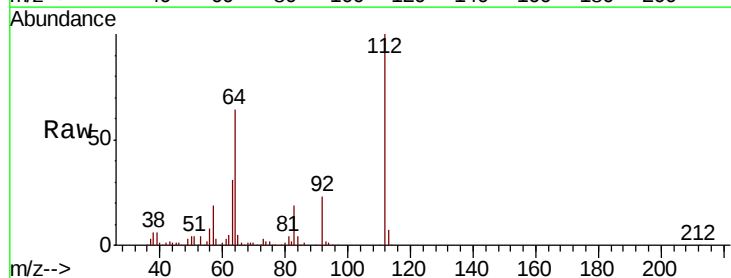
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



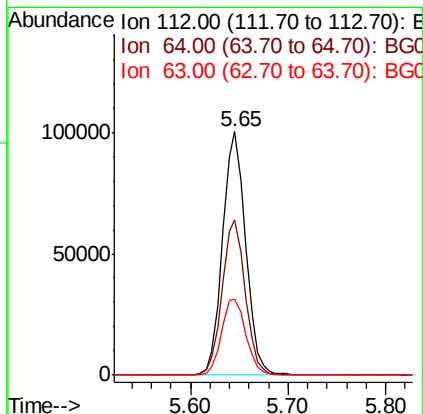
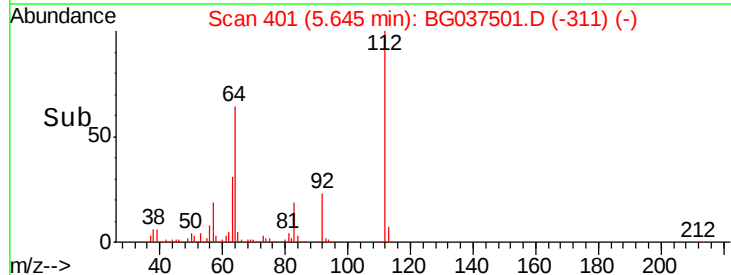
#5

2-Fluorophenol
Concen: 51.535 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037501.D
Acq: 24 Oct 2018 8:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	53.1	79.7
63	31.1	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: 31.876 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037501.D

Acq: 24 Oct 2018 8:19

Instrument :

BNA_G

ClientSampleId :

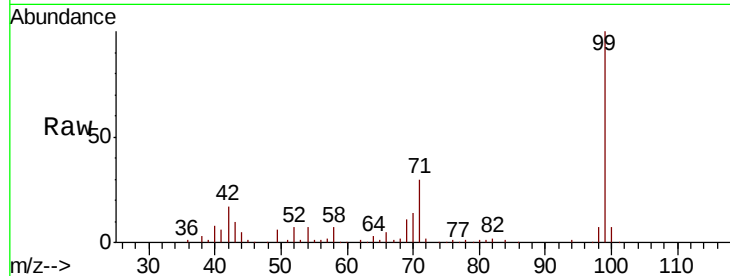
Tot Ion: 99 Resp: 154141

Ion Ratio Lower Upper

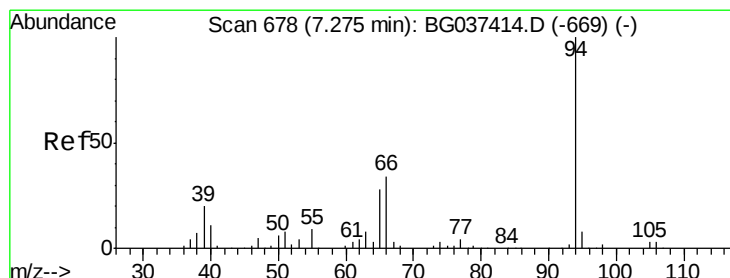
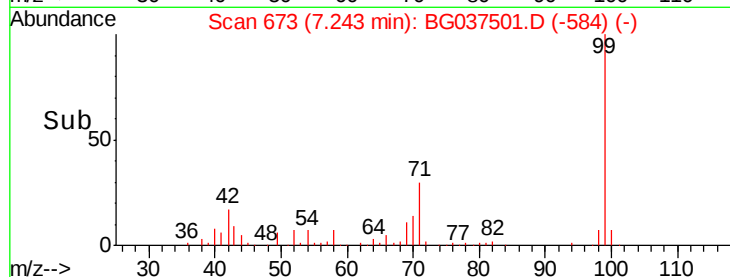
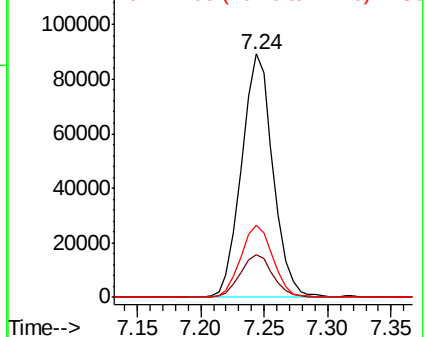
99 100

42 17.3 15.0 22.4

71 29.8 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: 2.772 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037501.D

Acq: 24 Oct 2018 8:19

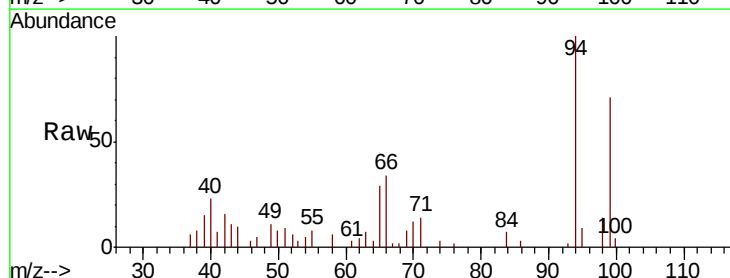
Tgt Ion: 94 Resp: 14143

Ion Ratio Lower Upper

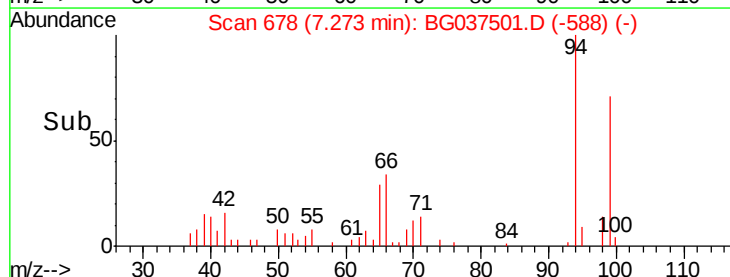
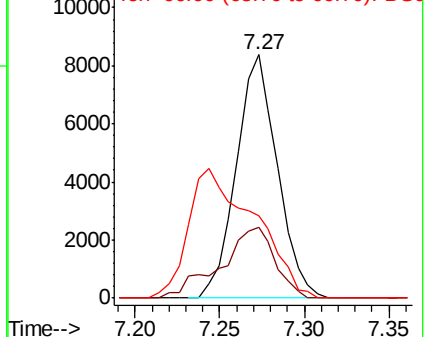
94 100

65 29.0 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

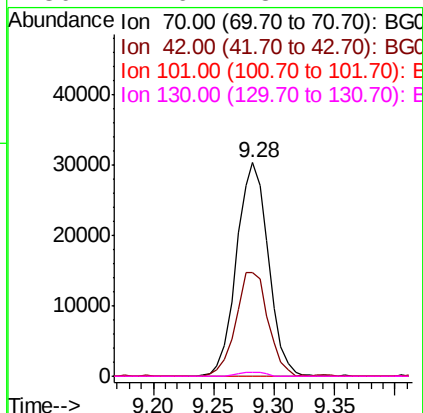
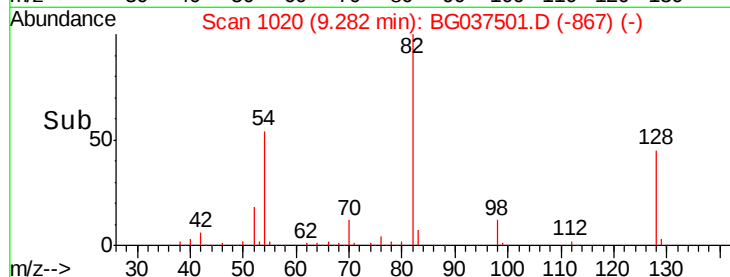
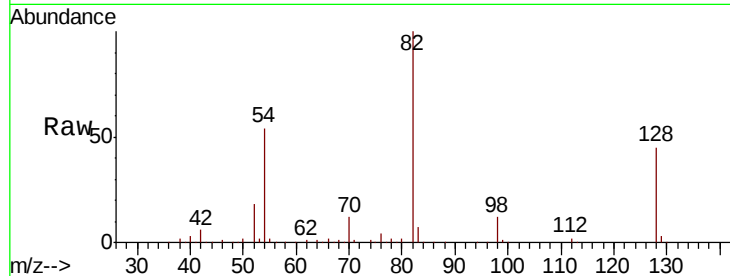




#19
n-Nitroso-di-n-propylamine
Concen: 16.733 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037501.D
Acq: 24 Oct 2018 8:19

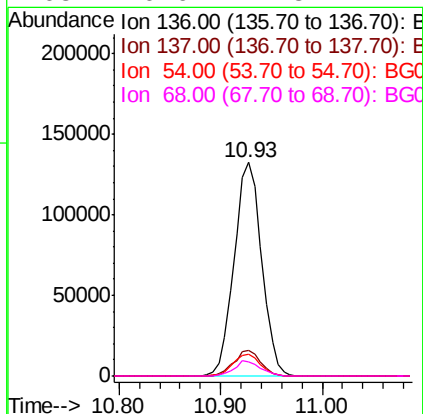
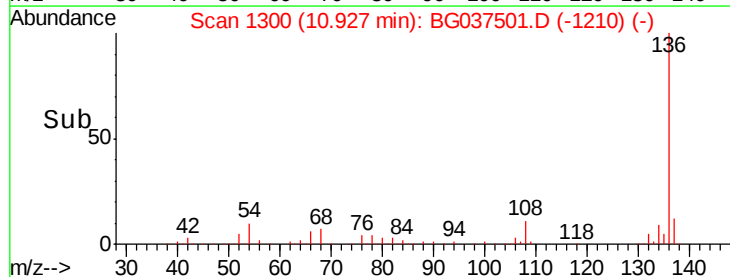
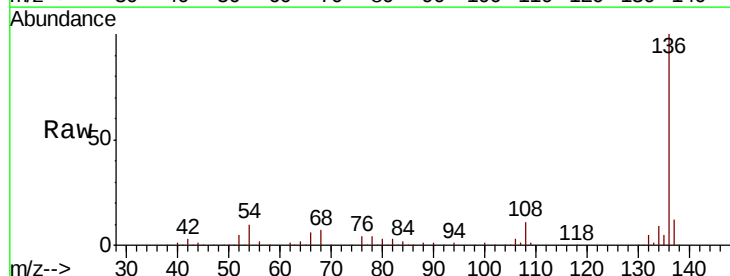
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 55720
Ion Ratio Lower Upper
70 100
42 48.3 53.9 80.9#
101 0.0 8.2 12.2#
130 1.6 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: BG037501.D
Acq: 24 Oct 2018 8:19

Tgt Ion: 136 Resp: 248980
Ion Ratio Lower Upper
136 100
137 11.8 9.6 14.4
54 10.2 7.9 11.9
68 6.6 4.8 7.2

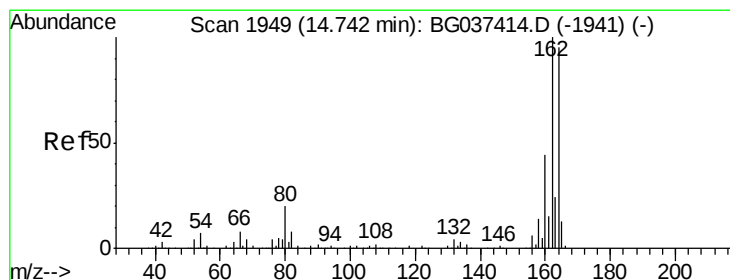
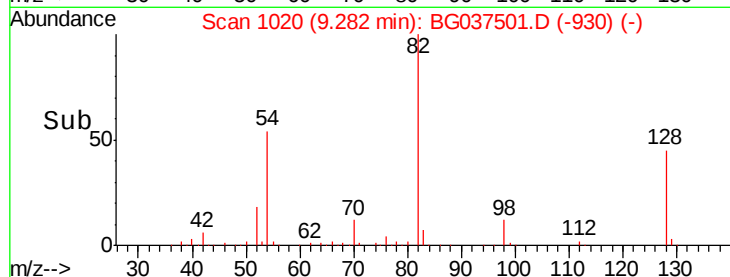
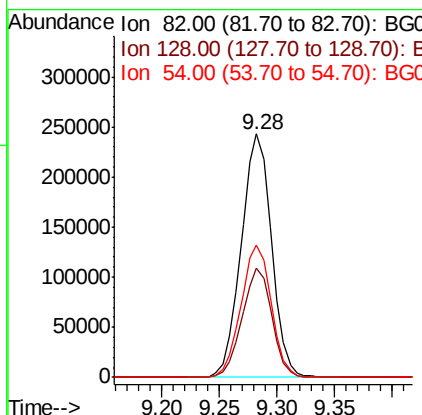
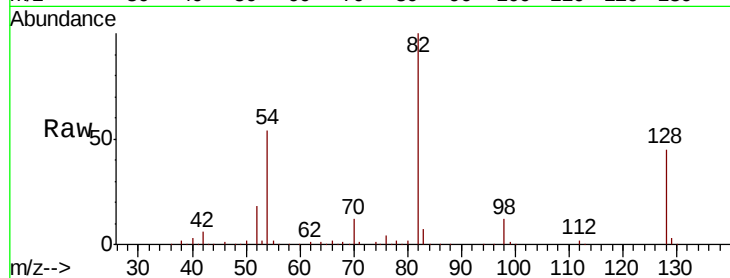




#23
 Nitrobenzene-d5
 Concen: 99.669 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037501.D
 Acq: 24 Oct 2018 8:19

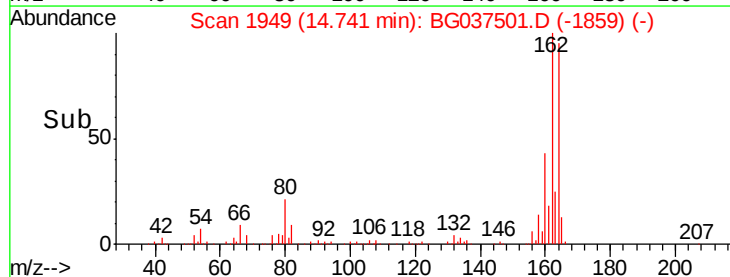
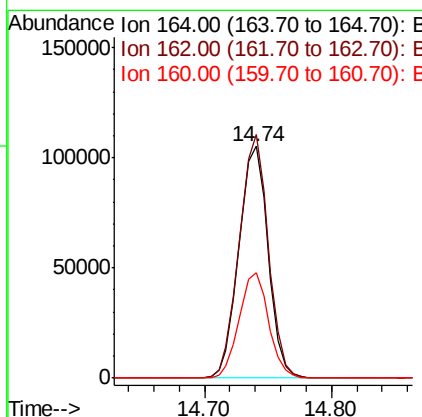
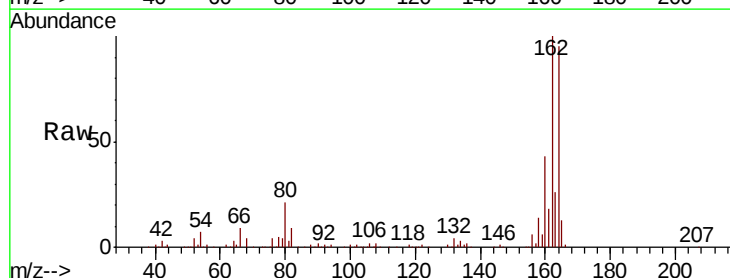
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82.00	Resp	442987
Ion Ratio	Lower	Upper	
82	100		
128	44.6	34.6	51.8
54	54.4	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: BG037501.D
 Acq: 24 Oct 2018 8:19

Tgt Ion	164.00	Resp	168156
Ion Ratio	Lower	Upper	
164	100		
162	105.0	81.3	121.9
160	45.5	36.3	54.5

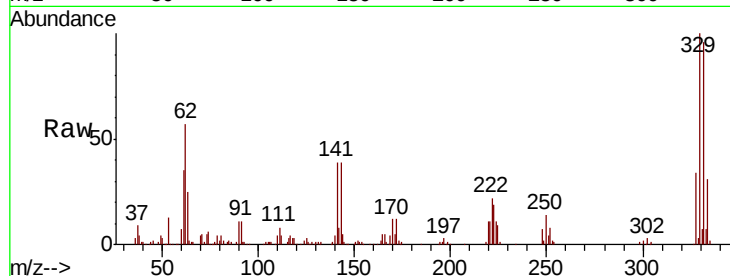




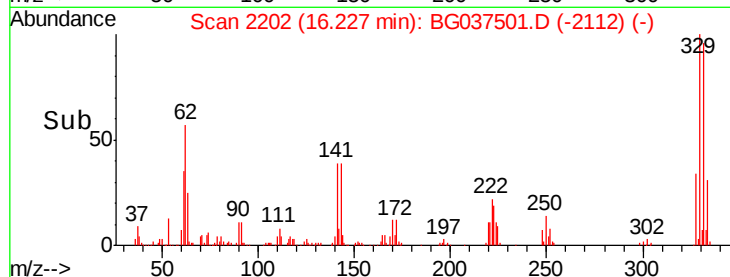
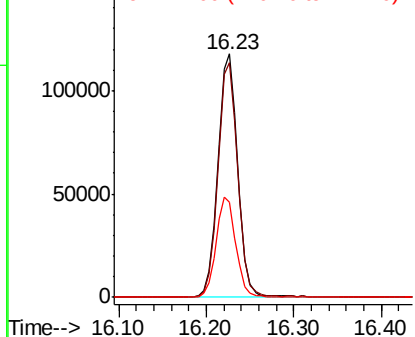
#42
 2,4,6-Tribromophenol
 Concen: 101.294 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037501.D
 Acq: 24 Oct 2018 8:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 185779
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.4 117.6
 141 41.0 32.2 48.2

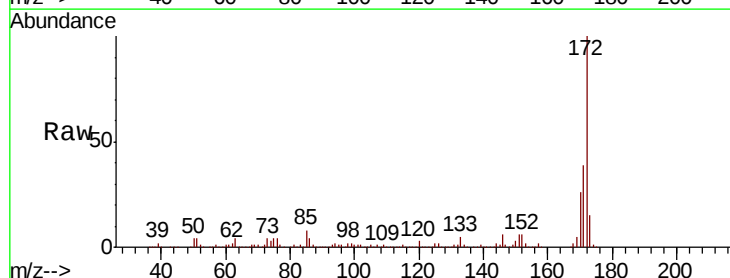


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

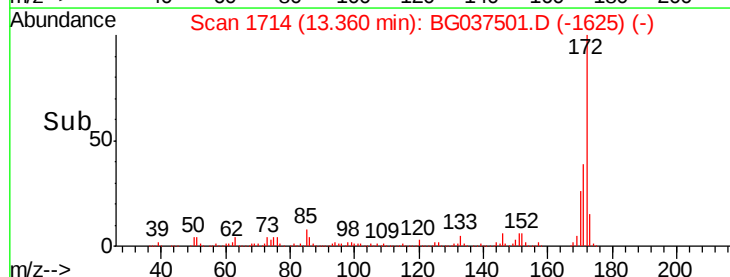
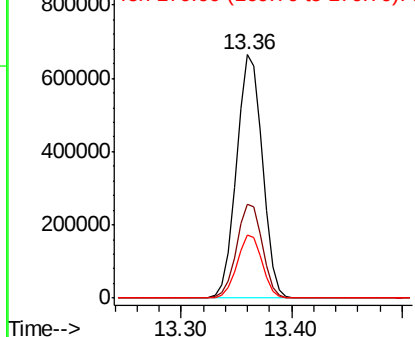


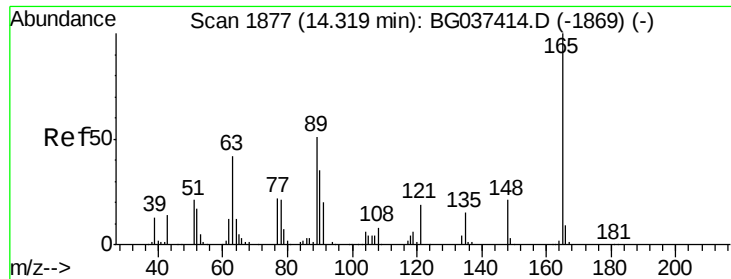
#45
 2-Fluorobiphenyl
 Concen: 98.323 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037501.D
 Acq: 24 Oct 2018 8:19

Tgt Ion:172 Resp: 1096432
 Ion Ratio Lower Upper
 172 100
 171 38.6 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

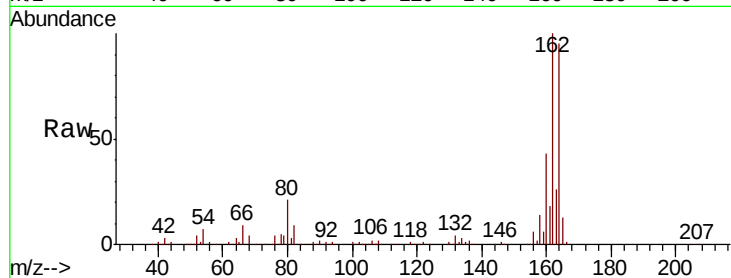




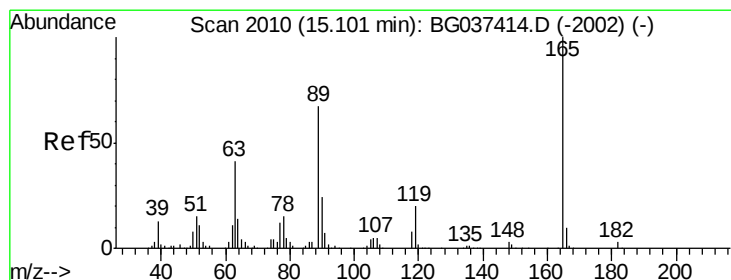
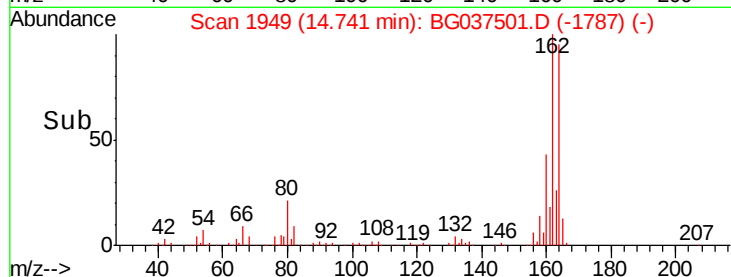
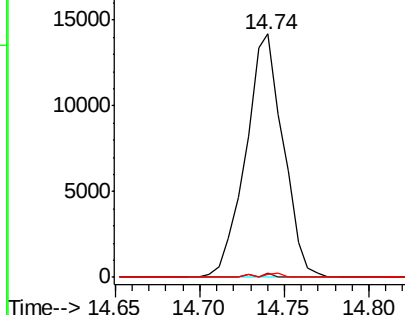
#51
 2,6-Dinitrotoluene
 Concen: 7.621 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG037501.D
 Acq: 24 Oct 2018 8:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	1.3	45.8	68.6#



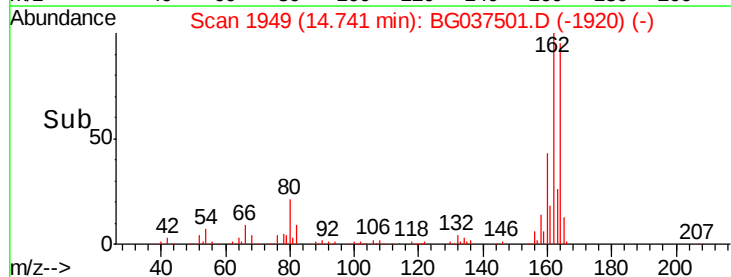
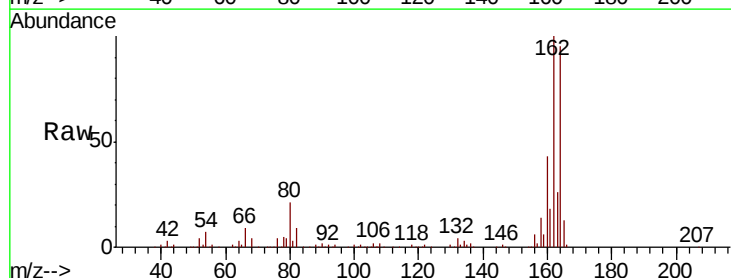
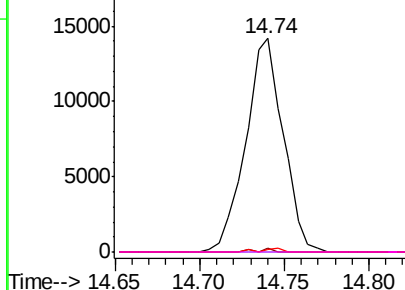
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

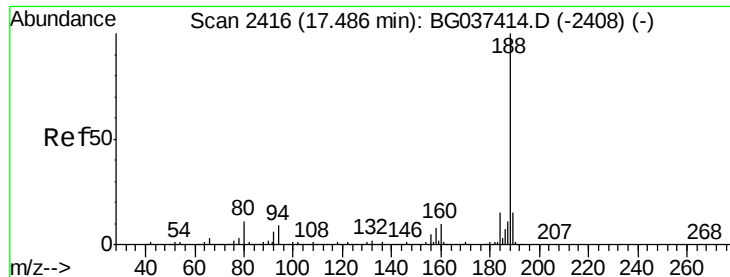


#57
 2,4-Dinitrotoluene
 Concen: 5.806 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG037501.D
 Acq: 24 Oct 2018 8:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	1.3	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: BG037501.D

Acq: 24 Oct 2018 8:19

Instrument :

BNA_G

ClientSampleId :

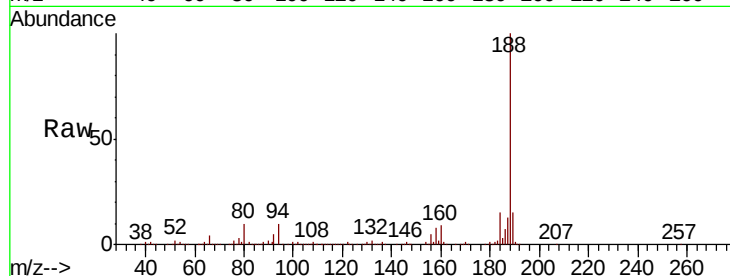
Tot Ion:188 Resp: 412209

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

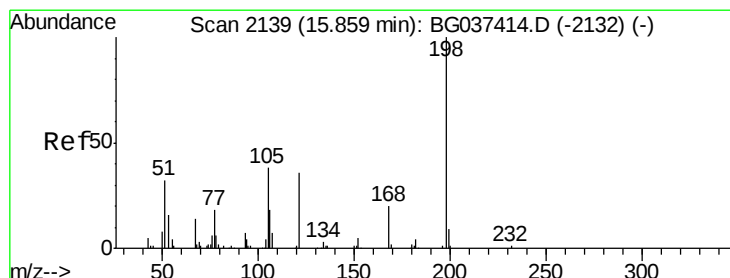
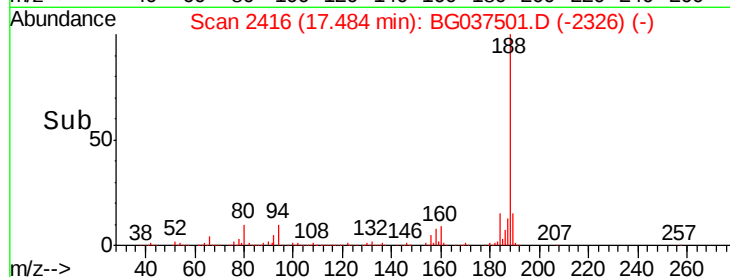
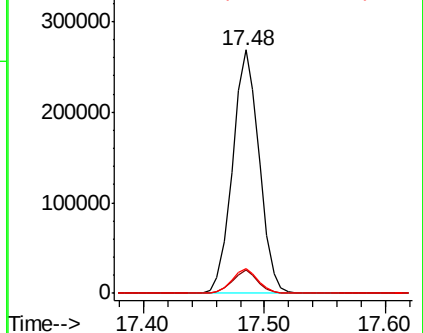
80 10.4 7.7 11.5



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: 8.748 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037501.D

Acq: 24 Oct 2018 8:19

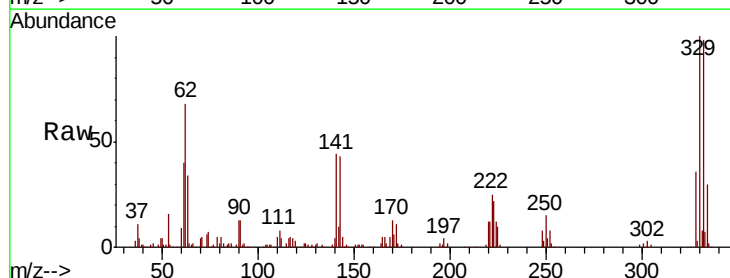
Tgt Ion:198 Resp: 632

Ion Ratio Lower Upper

198 100

51 27.5 22.7 62.7

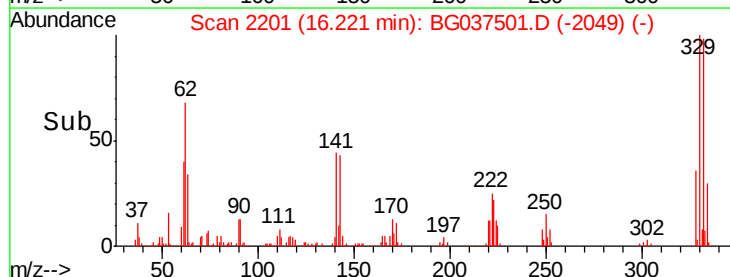
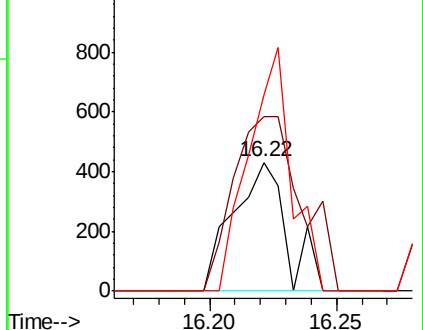
105 30.9 19.7 59.7

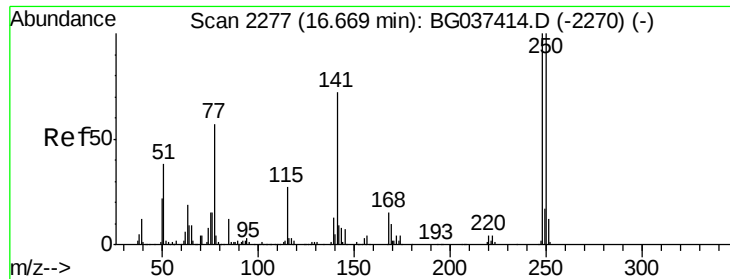


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

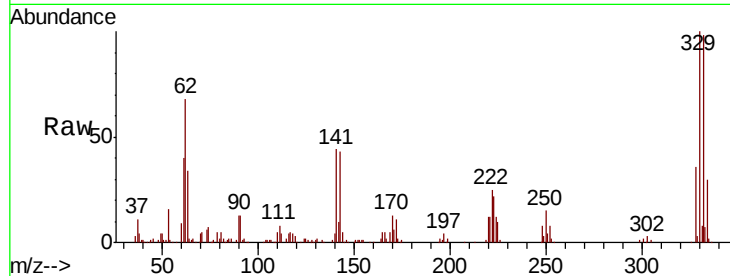




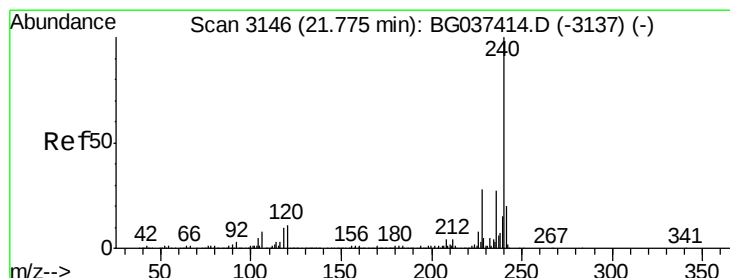
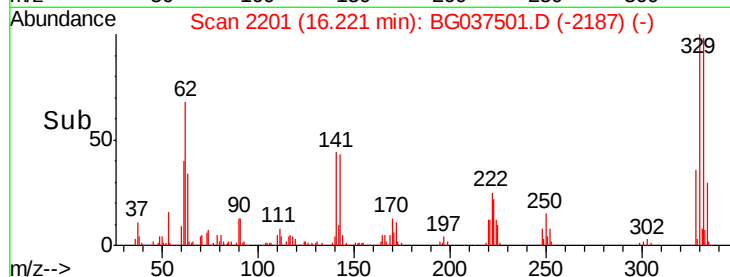
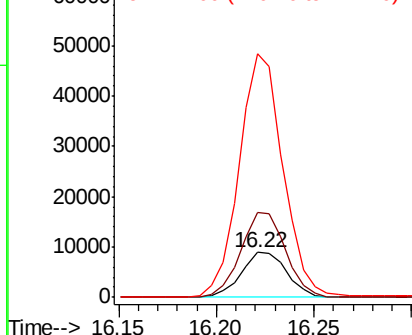
#67
 4-Bromophenyl-phenylether
 Concen: 3.192 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037501.D
 Acq: 24 Oct 2018 8:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 14449
 Ion Ratio Lower Upper
 248 100
 250 185.8 77.0 115.6#
 141 414.2 55.5 83.3#

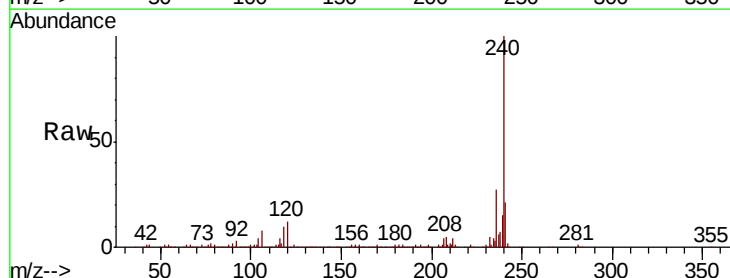


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

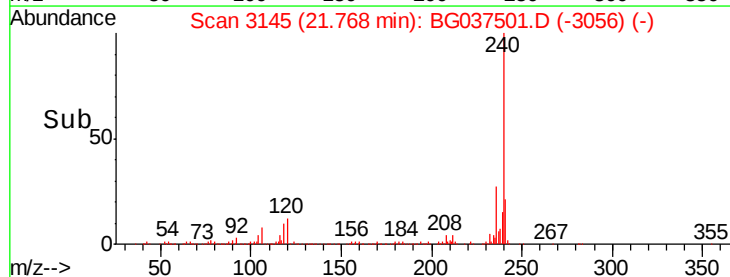
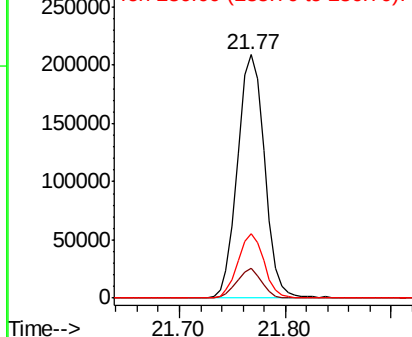


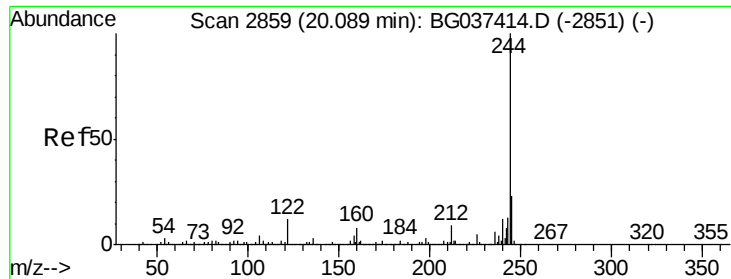
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037501.D
 Acq: 24 Oct 2018 8:19

Tgt Ion:240 Resp: 370857
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.1 12.1#
 236 26.5 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: 82.129 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037501.D

Acq: 24 Oct 2018 8:19

Instrument :

BNA_G

ClientSampled :

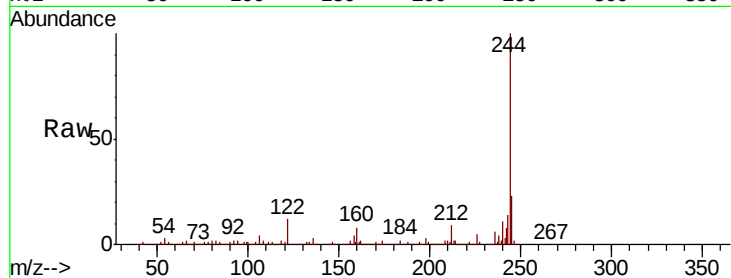
Tot Ion:244 Resp: 1425429

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

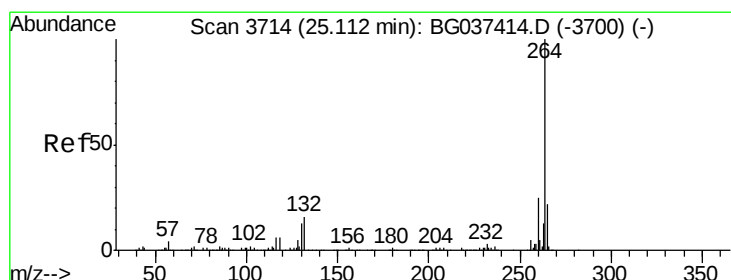
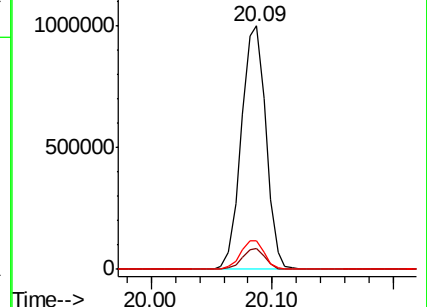
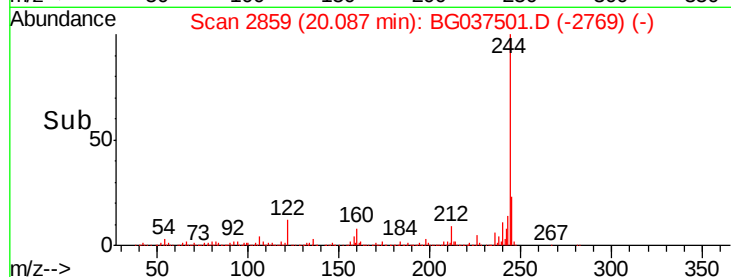
122 11.7 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037501.D

Acq: 24 Oct 2018 8:19

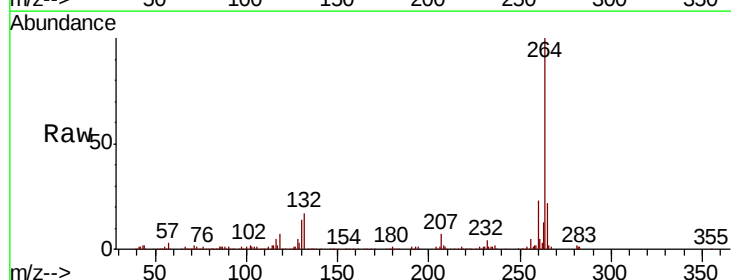
Tgt Ion:264 Resp: 370202

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.8 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

