

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037324.D
 Acq On : 13 Oct 2018 13:16
 Operator : JU/SJ
 Sample : J5383-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 02:16:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

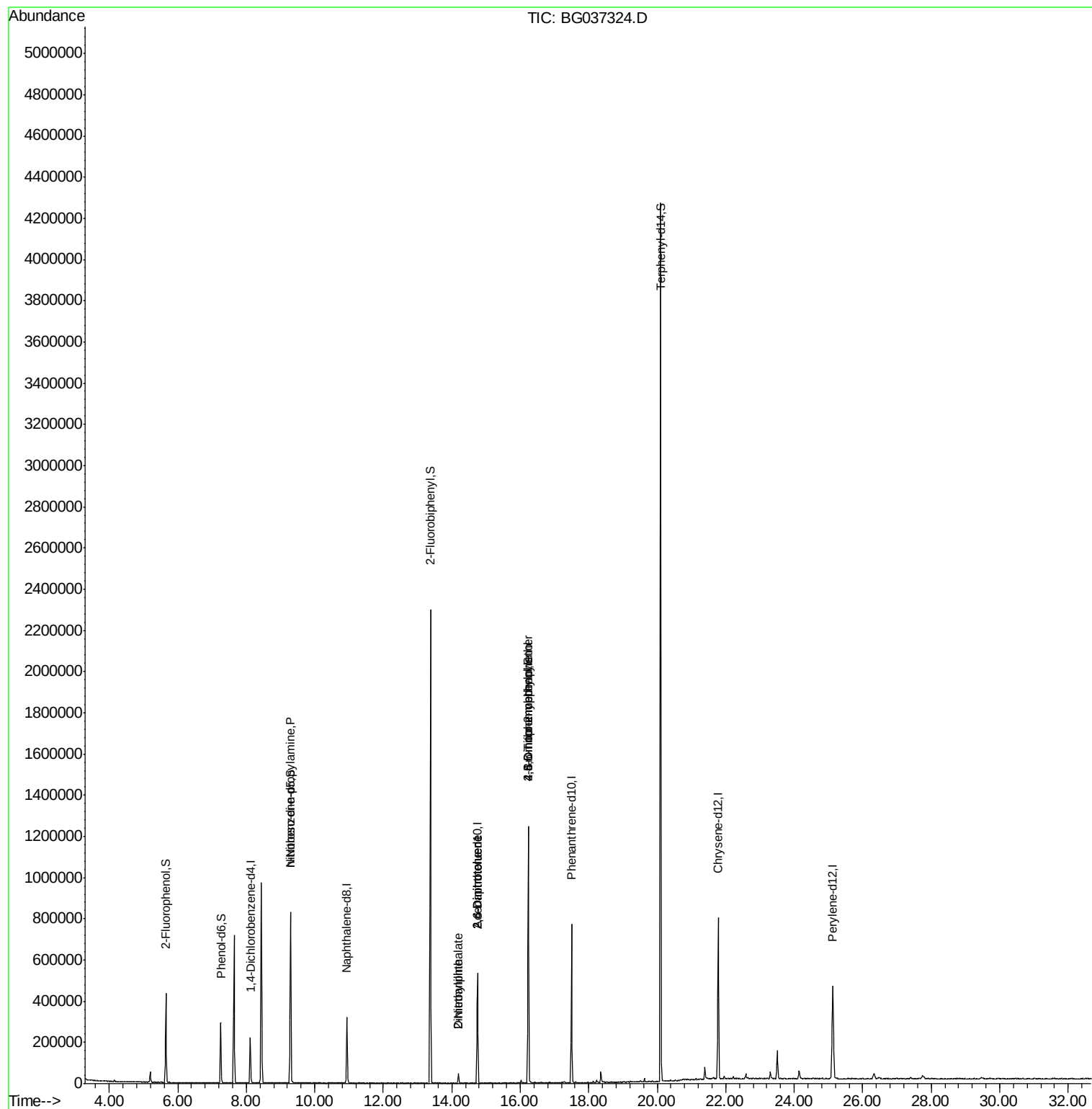
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	66041	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	287221	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	194265	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	490295	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	461445	20.00	ng	-0.02
87) Perylene-d12	25.12	264	466808	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	195981	52.23	ng	0.00
7) Phenol-d6	7.25	99	184443	32.38	ng	0.00
23) Nitrobenzene-d5	9.29	82	510036	116.75	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	224345	117.75	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1238983	95.78	ng	0.00
79) Terphenyl-d14	20.10	244	1944650	88.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	66228	15.358	ng	# 70
48) 2-Nitroaniline	14.19	65	390	5.860	ng	# 1
50) Dimethylphthalate	14.19	163	32765	2.146	ng	99
51) 2,6-Dinitrotoluene	14.75	165	24543	12.257	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	24543	11.145	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	448	6.201	ng	74
67) 4-Bromophenyl-phenylether	16.23	248	16641	3.145	ng	# 1

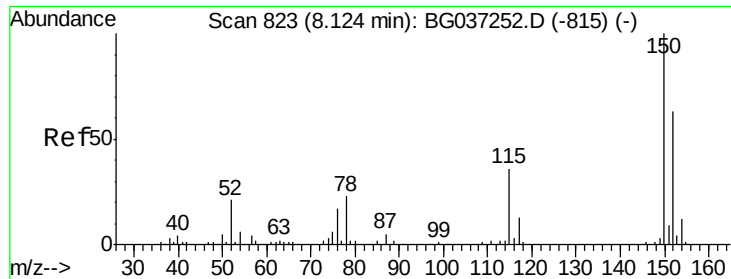
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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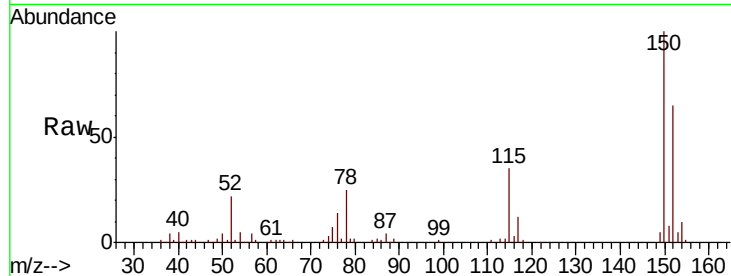


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.0	189.0
115	54.1	45.5	68.3

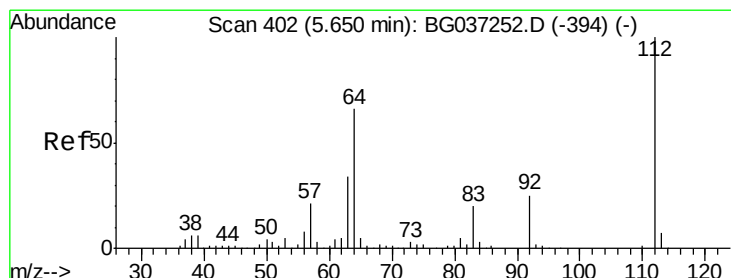
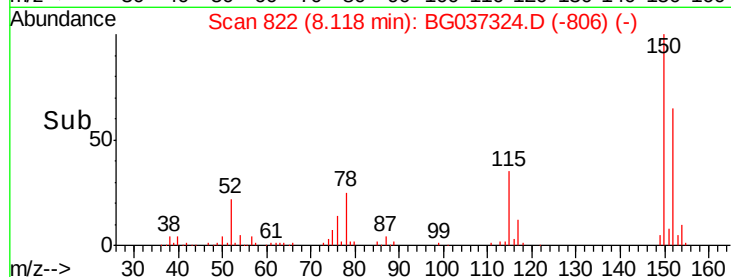
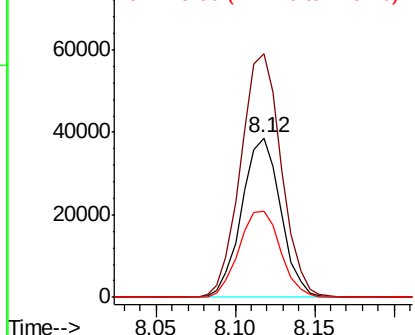


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

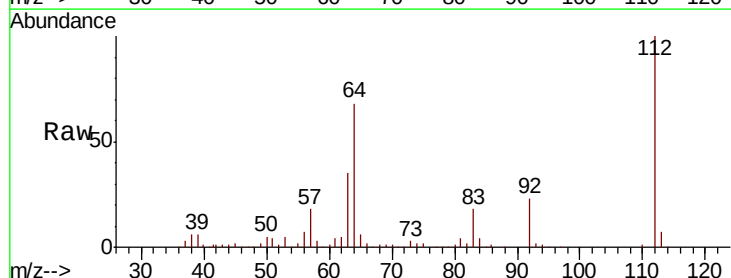
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.226 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	53.1	79.7
63	34.7	27.3	40.9

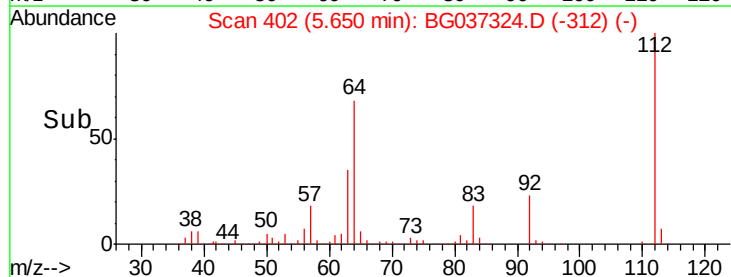
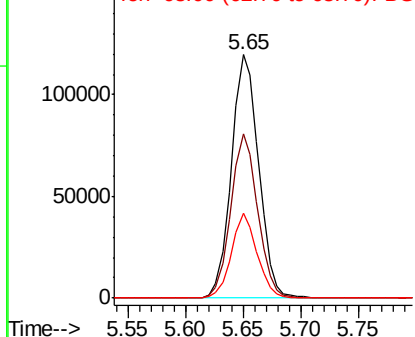


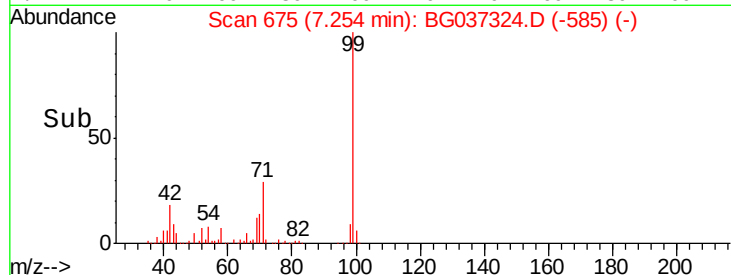
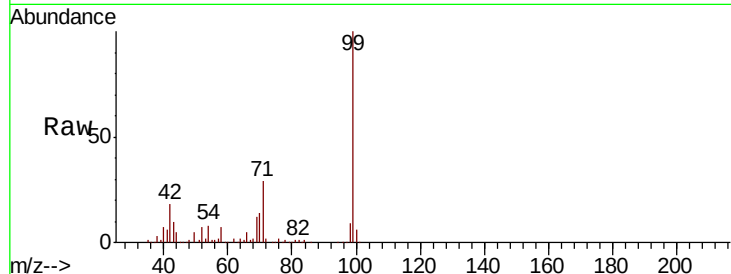
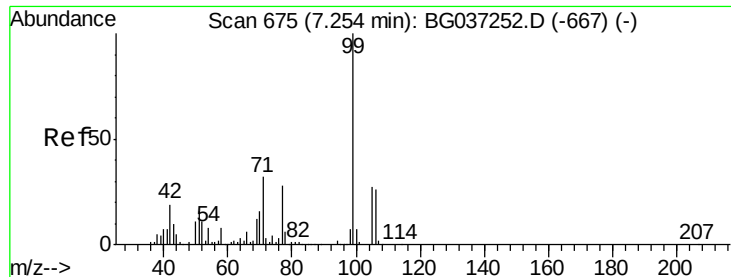
Abundance

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

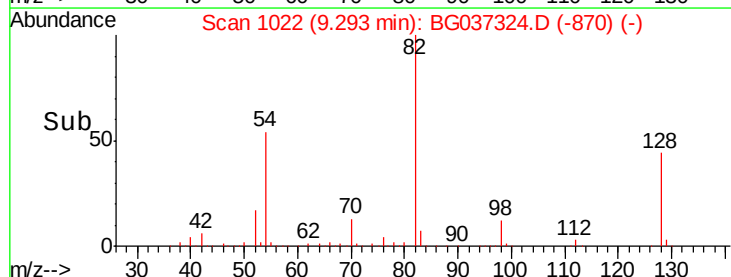
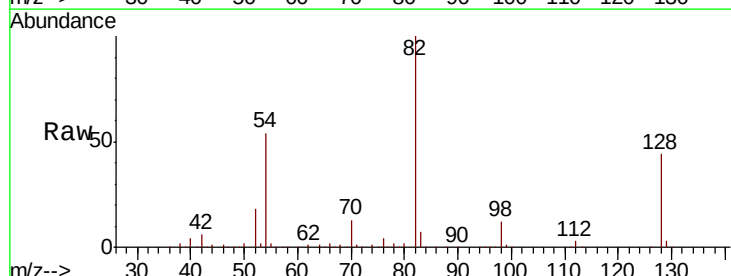
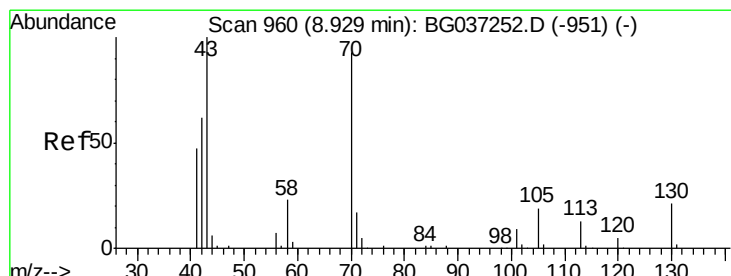
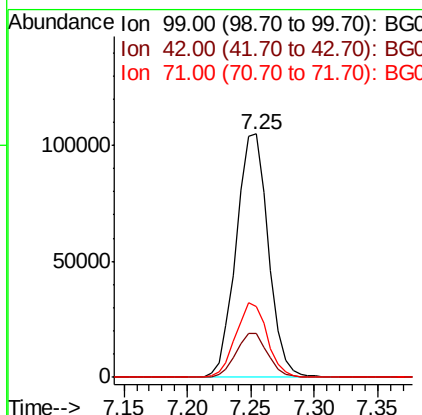




#7
Phenol-d6
Concen: 32.383 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

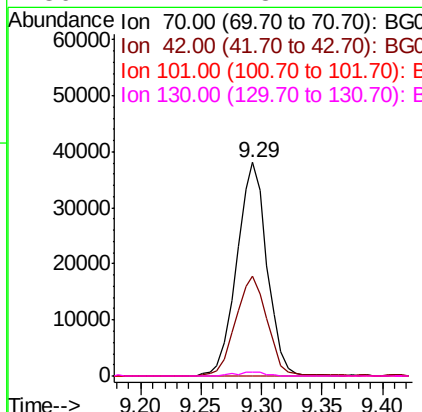
Instrument :
BNA_G
ClientSampled :

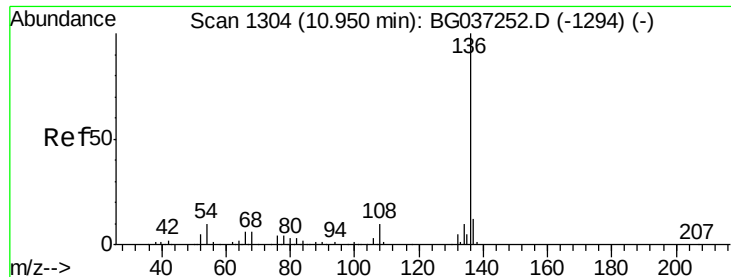
Tot Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.4
71	29.0	25.5	38.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.358 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.36 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.8	53.9	80.9#
101	0.0	8.2	12.2#
130	2.1	18.2	27.4#

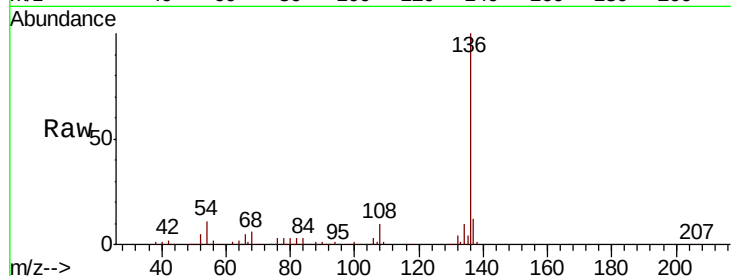




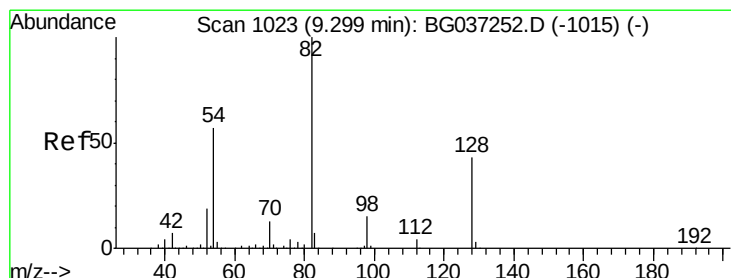
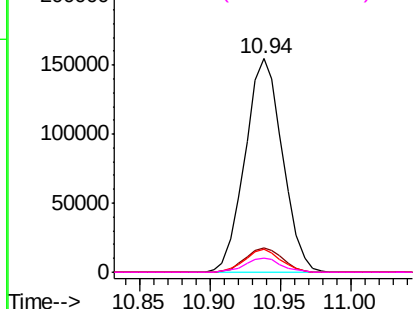
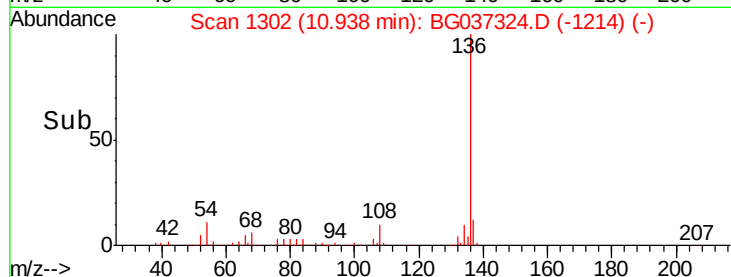
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	287221	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	9.6	14.4	
54 10.8	7.9	11.9	
68 6.4	4.8	7.2	

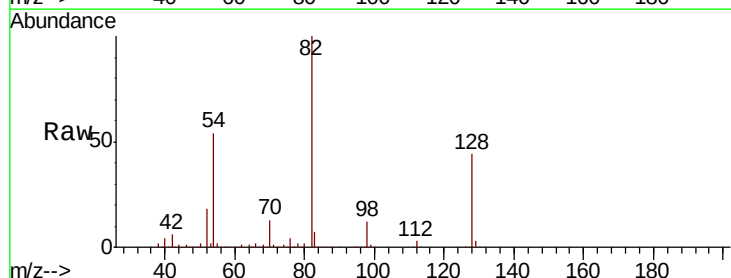


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

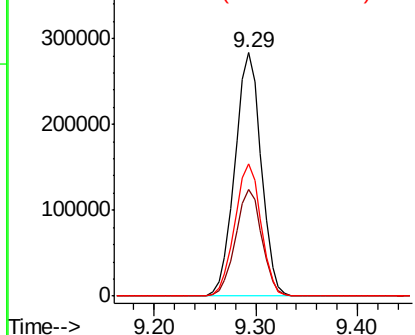
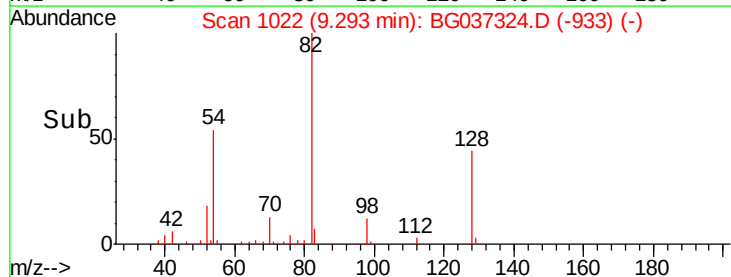


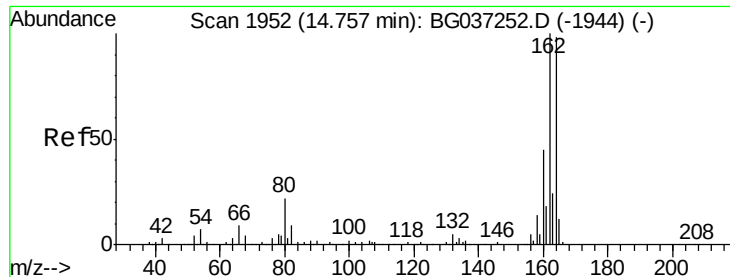
#23
Nitrobenzene-d5
Concen: 116.747 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

Tgt	Ion: 82	Resp:	510036
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	51.8
54	54.3	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037324.D

Acq: 13 Oct 2018 13:16

Instrument :

BNA_G

ClientSampleId :

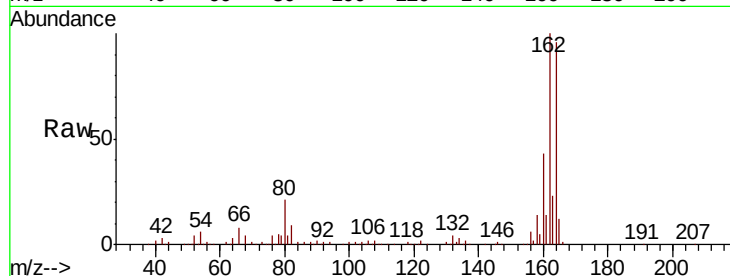
Tot Ion:164 Resp: 194265

Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

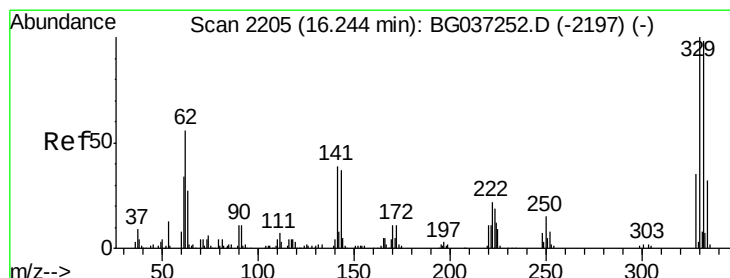
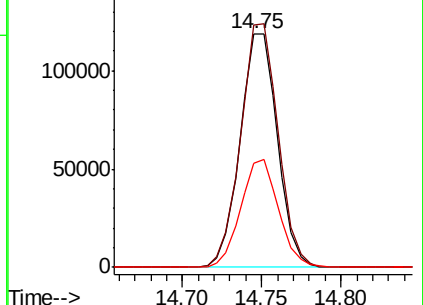
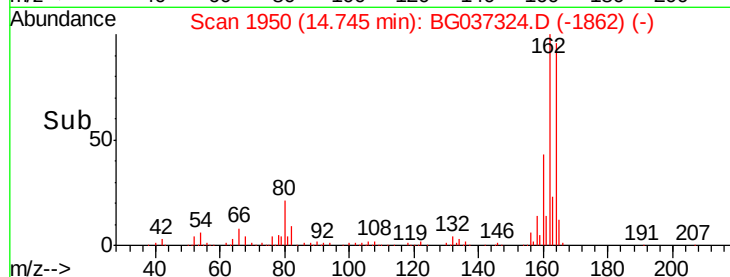
160 44.3 36.3 54.5



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: 117.754 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037324.D

Acq: 13 Oct 2018 13:16

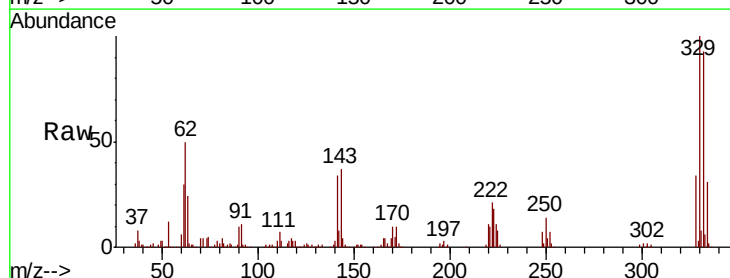
Tgt Ion:330 Resp: 224345

Ion Ratio Lower Upper

330 100

332 94.6 78.4 117.6

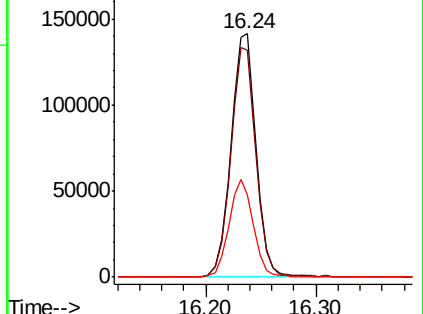
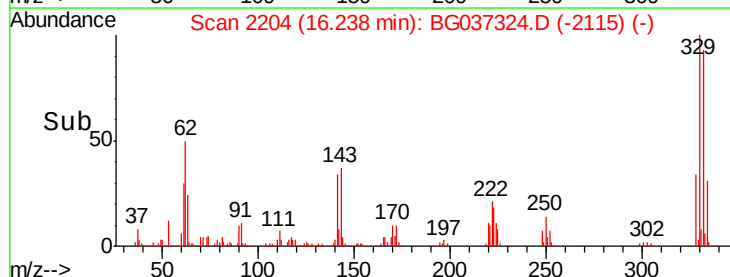
141 39.0 32.2 48.2

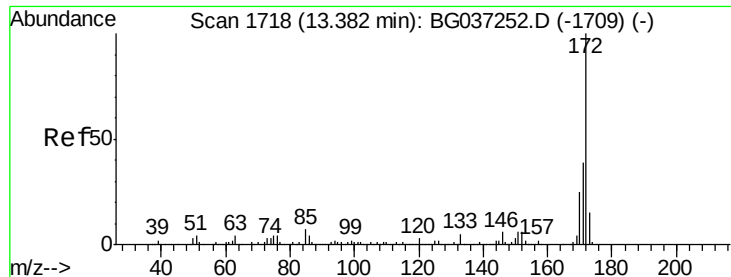


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

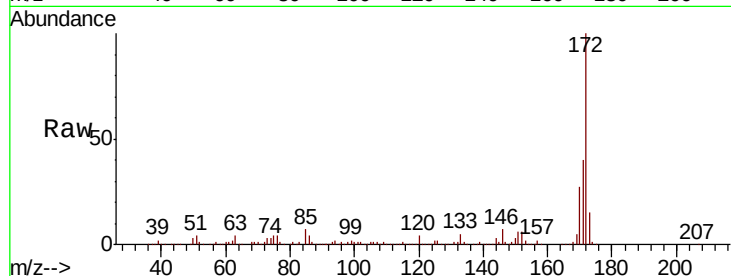




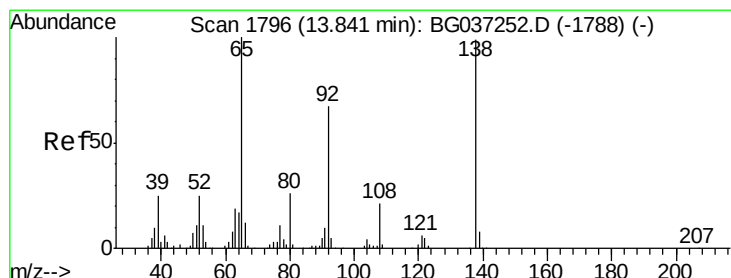
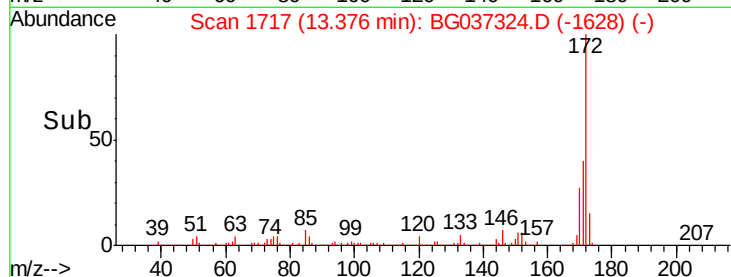
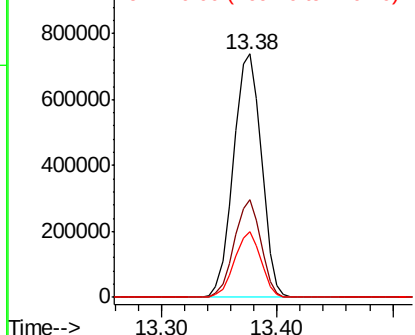
#45
2-Fluorobiphenyl
Concen: 95.780 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1238983
Ion Ratio Lower Upper
172 100
171 39.9 31.0 46.4
170 26.8 20.2 30.2

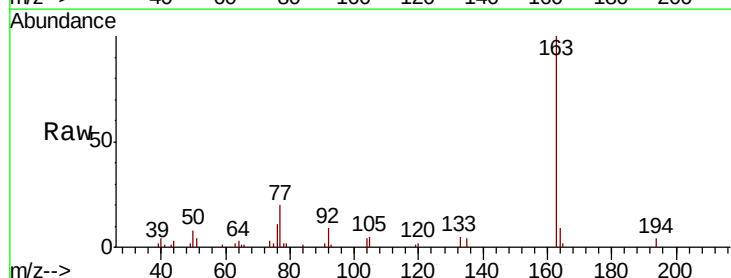


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

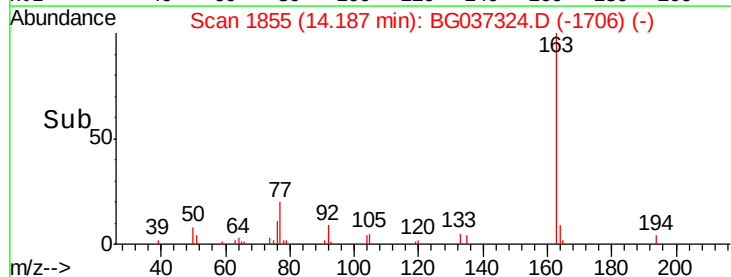
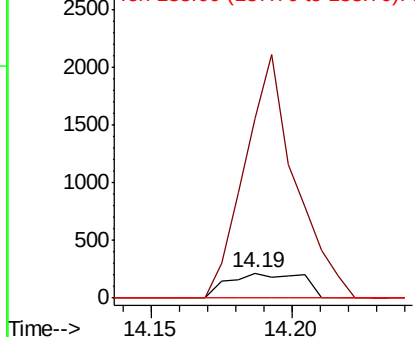


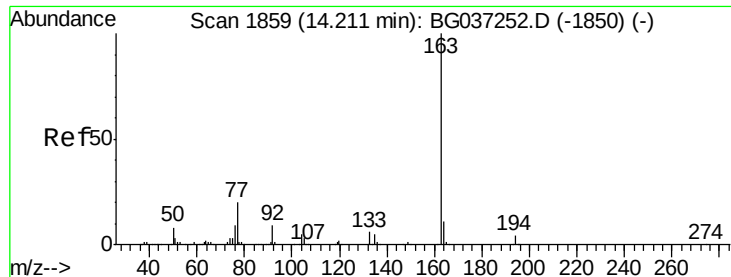
#48
2-Nitroaniline
Concen: 5.860 ng
RT: 14.19 min Scan# 1855
Delta R.T. 0.35 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

Tgt Ion: 65 Resp: 390
Ion Ratio Lower Upper
65 100
92 717.1 53.2 79.8#
138 0.0 79.3 118.9#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E

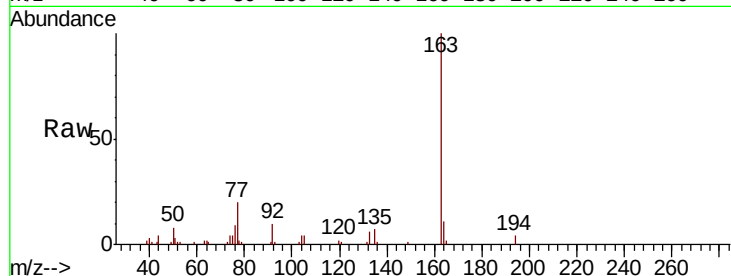




#50
Dimethylphthalate
Concen: 2.146 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.9	8.5	12.7

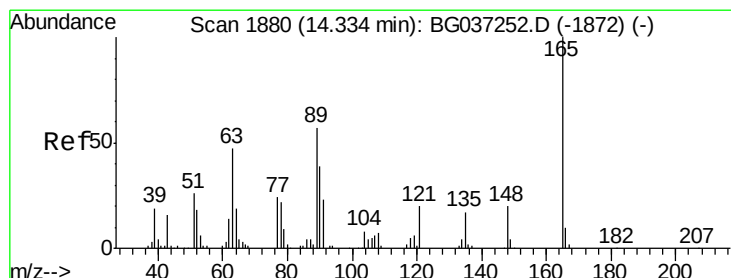
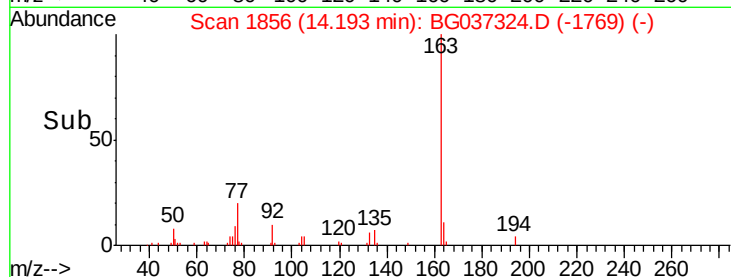
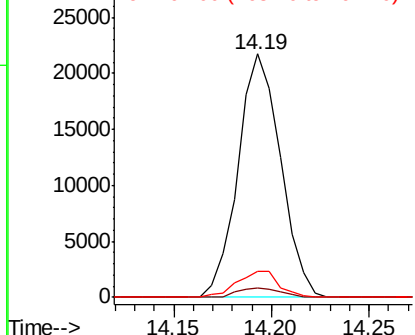


Abundance

Ion 163.00 (162.70 to 163.70): E

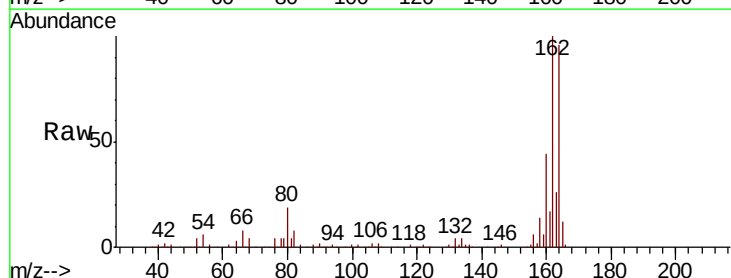
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 12.257 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.42 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.2#
89	1.6	45.8	68.6#

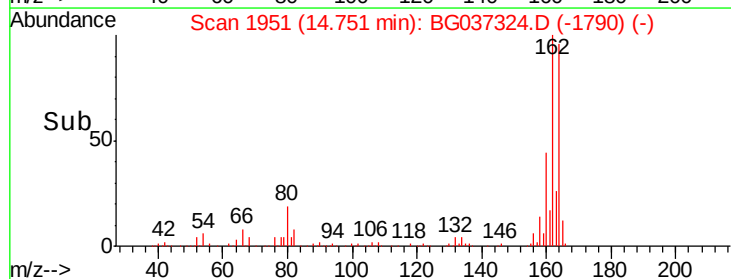
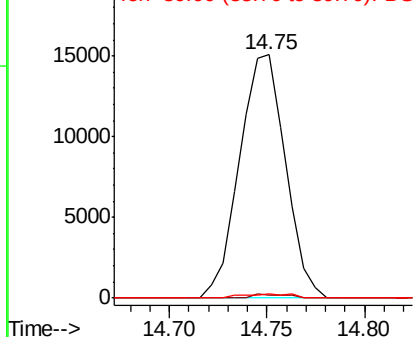


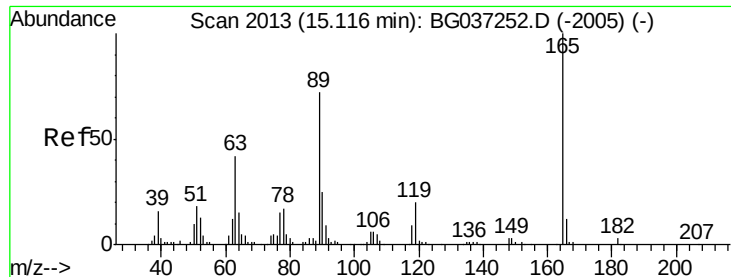
Abundance

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

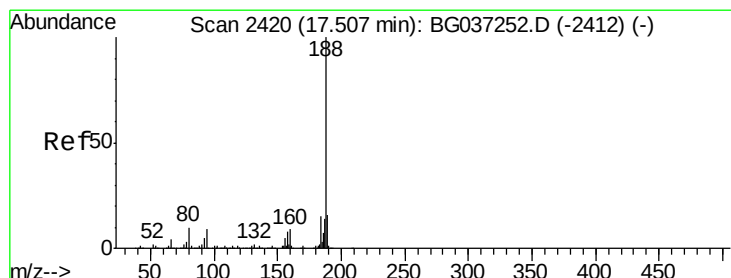
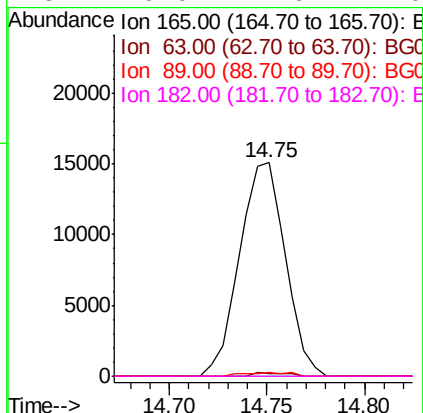
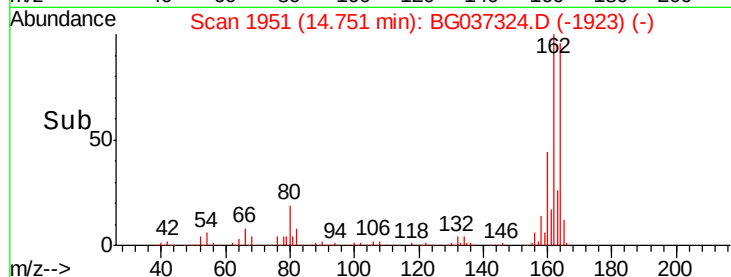
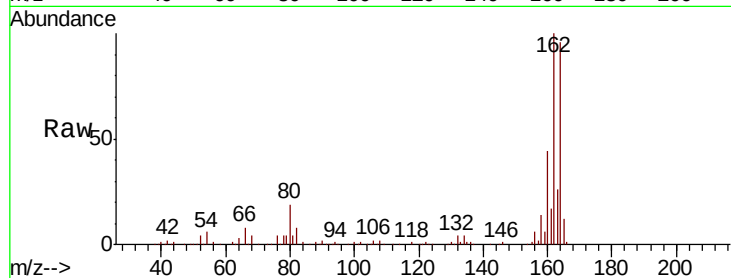




#57
2,4-Dinitrotoluene
Concen: 11.145 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.36 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

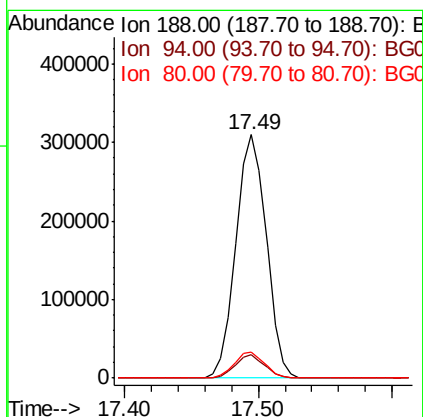
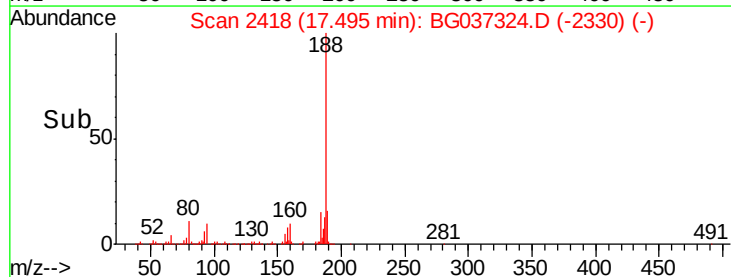
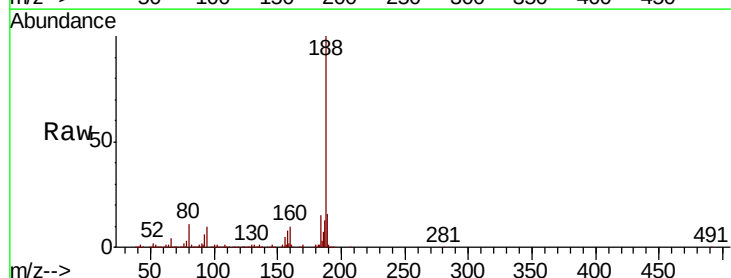
Instrument :
BNA_G
ClientSampleId :

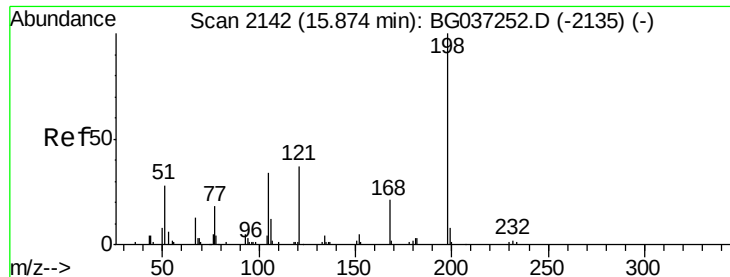
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	1.6	57.2	85.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.5	7.7	11.5

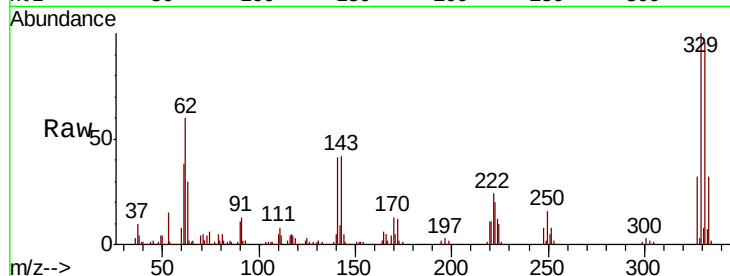




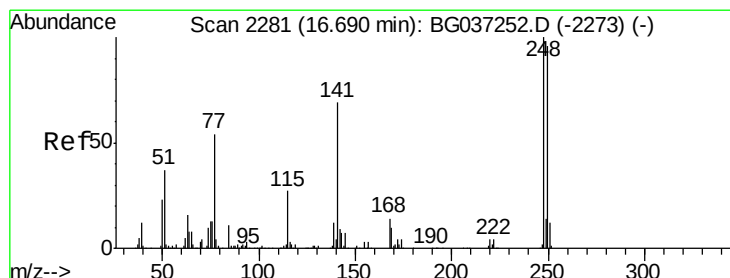
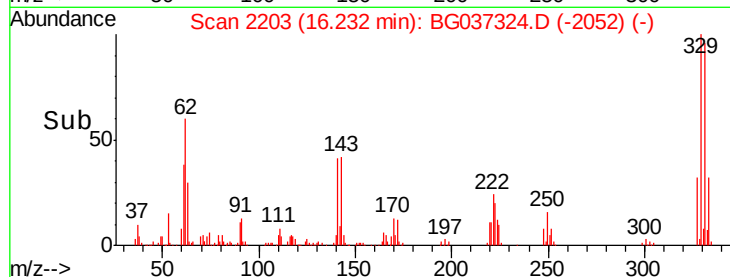
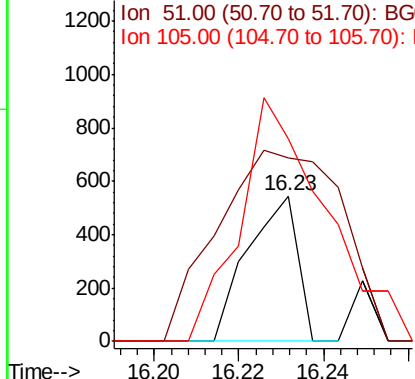
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.201 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. 0.36 min
 Lab File: BG037324.D
 Acq: 13 Oct 2018 13:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 448
 Ion Ratio Lower Upper
 198 100
 51 23.9 22.7 62.7
 105 26.4 19.7 59.7

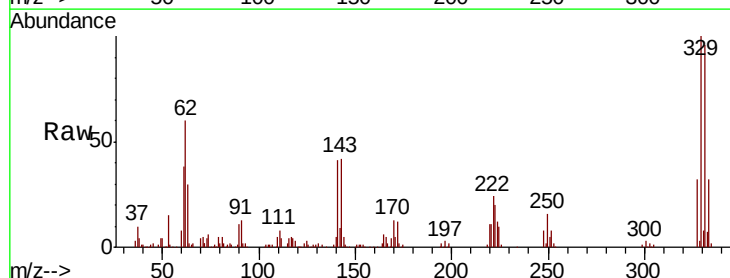


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

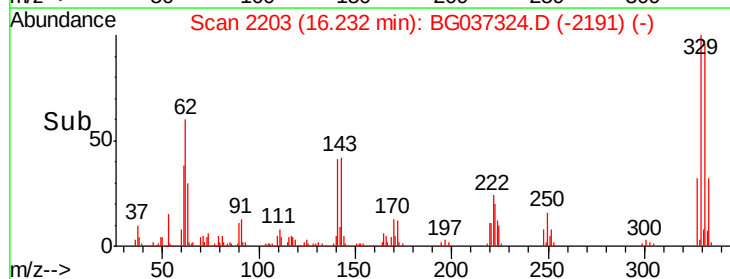
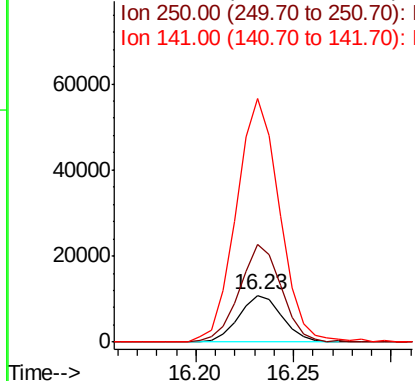


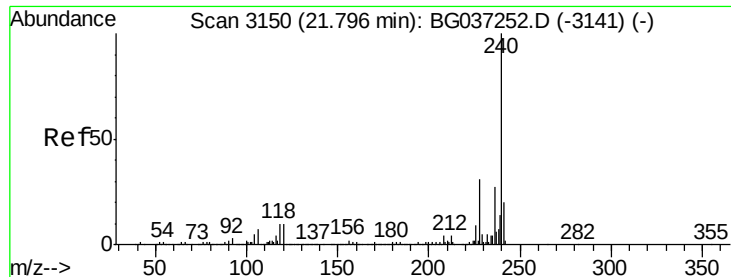
#67
 4-Bromophenyl-phenylether
 Concen: 3.145 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.46 min
 Lab File: BG037324.D
 Acq: 13 Oct 2018 13:16

Tgt Ion:248 Resp: 16641
 Ion Ratio Lower Upper
 248 100
 250 207.0 77.0 115.6#
 141 401.8 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: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037324.D

Acq: 13 Oct 2018 13:16

Instrument :

BNA_G

ClientSampleId :

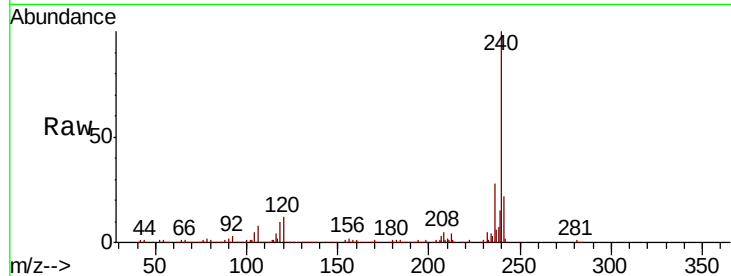
Tot Ion:240 Resp: 461445

Ion Ratio Lower Upper

240 100

120 12.3 8.1 12.1#

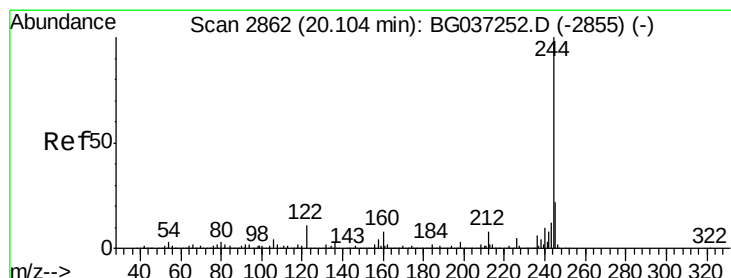
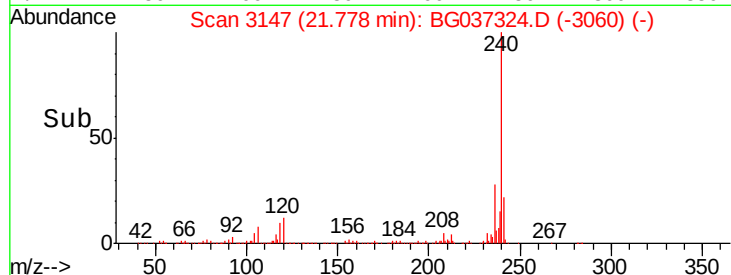
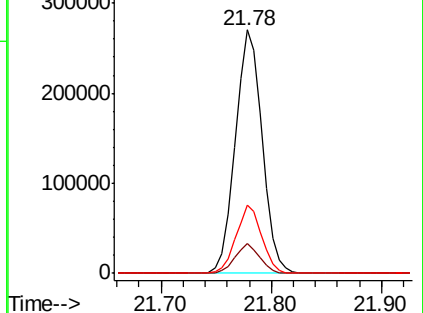
236 27.9 21.4 32.0



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: 88.489 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037324.D

Acq: 13 Oct 2018 13:16

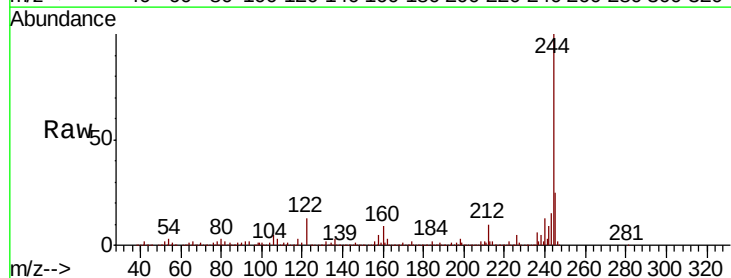
Tgt Ion:244 Resp: 1944650

Ion Ratio Lower Upper

244 100

212 9.6 6.5 9.7

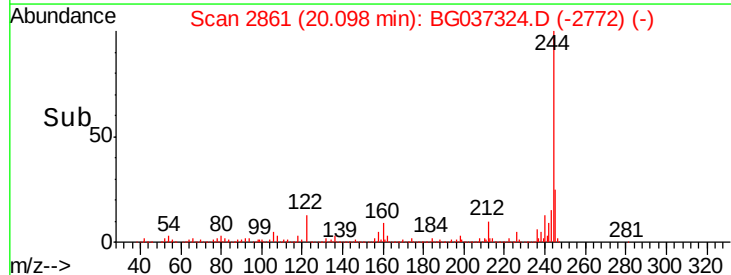
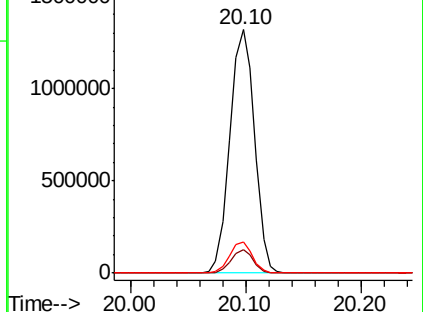
122 12.7 9.0 13.4

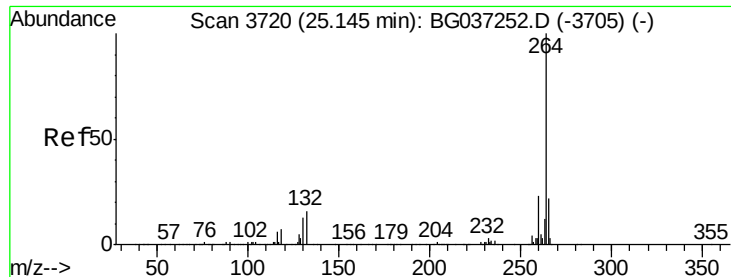


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	21.6	17.9	26.9

