

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037325.D
 Acq On : 13 Oct 2018 13:56
 Operator : JU/SJ
 Sample : J5383-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 02:16:15 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	57746	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	241009	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	163440	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	418681	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	406576	20.00	ng	-0.02
87) Perylene-d12	25.13	264	410349	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	158829	48.41	ng	0.00
7) Phenol-d6	7.25	99	143408	28.79	ng	0.00
23) Nitrobenzene-d5	9.29	82	434313	118.48	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	191078	119.21	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1061306	97.52	ng	0.00
79) Terphenyl-d14	20.10	244	1723745	89.02	ng	0.00

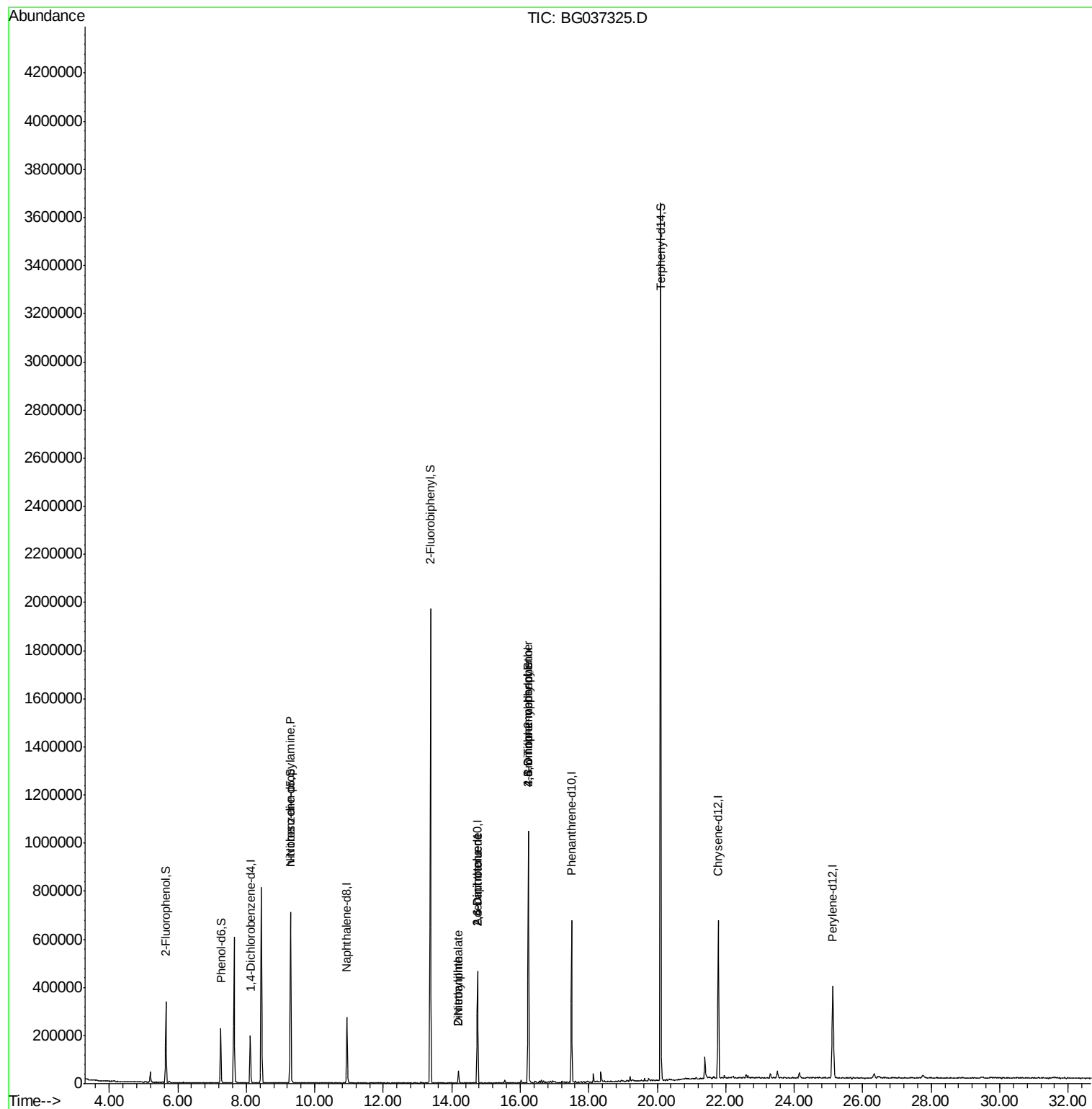
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	54022	14.327	ng	# 70
48) 2-Nitroaniline	14.19	65	410	5.886	ng	# 1
50) Dimethylphthalate	14.19	163	37378	2.910	ng	# 99
51) 2,6-Dinitrotoluene	14.75	165	21589	12.597	ng	# 26
57) 2,4-Dinitrotoluene	14.75	165	21589	11.410	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.24	198	490	6.273	ng	# 74
67) 4-Bromophenyl-phenylether	16.23	248	13618	3.014	ng	# 1

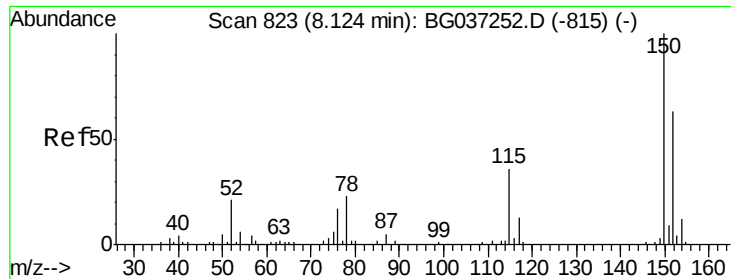
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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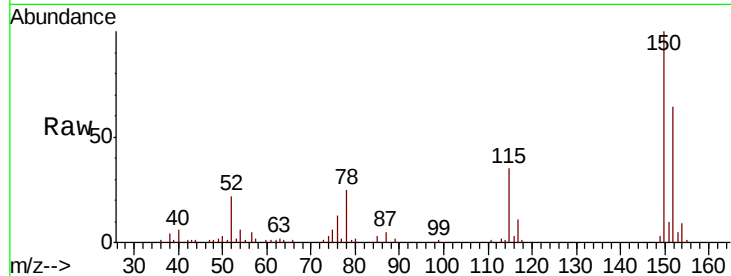


#1

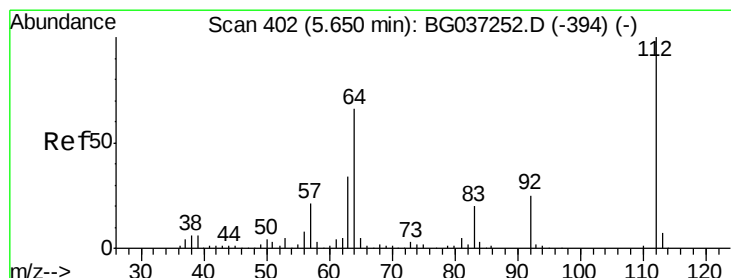
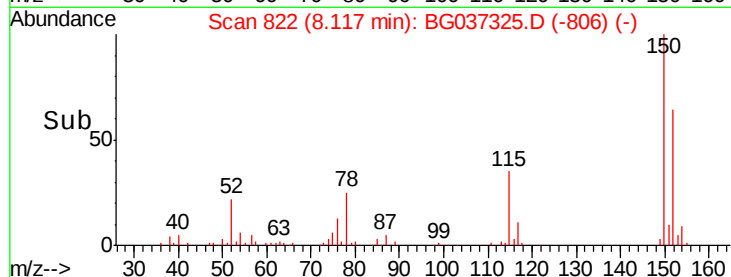
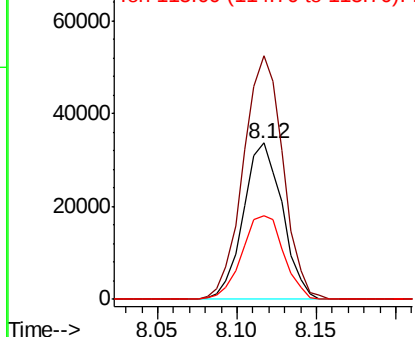
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG037325.D
 Acq: 13 Oct 2018 13:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 57746
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.0 189.0
 115 53.9 45.5 68.3



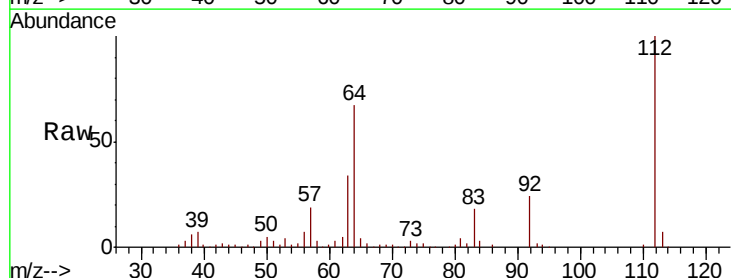
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



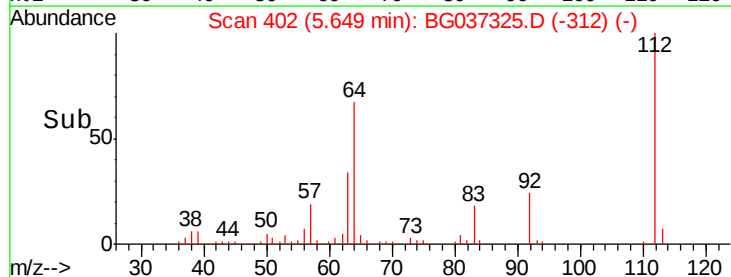
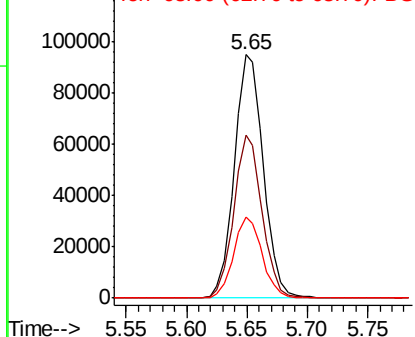
#5

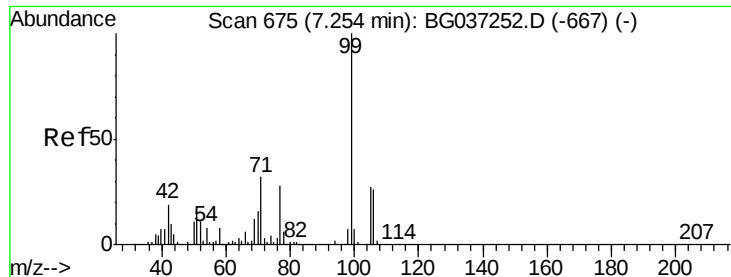
2-Fluorophenol
 Concen: 48.406 ng
 RT: 5.65 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BG037325.D
 Acq: 13 Oct 2018 13:56

Tgt Ion:112 Resp: 158829
 Ion Ratio Lower Upper
 112 100
 64 66.7 53.1 79.7
 63 33.5 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: 28.795 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037325.D

Acq: 13 Oct 2018 13:56

Instrument :

BNA_G

ClientSampled :

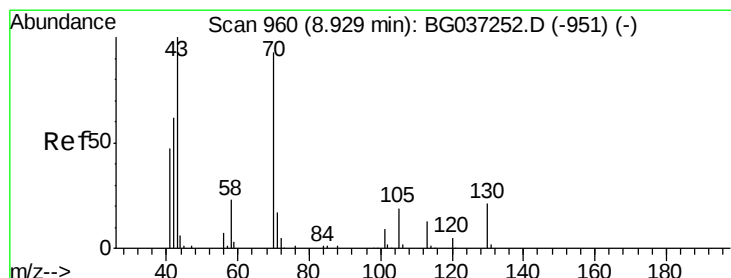
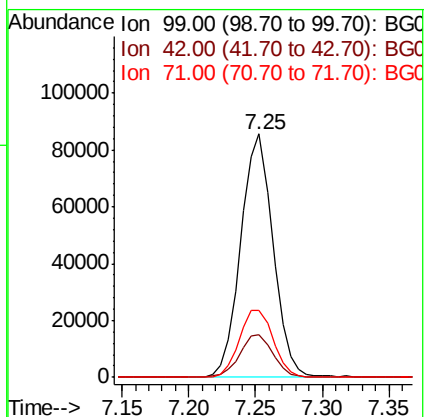
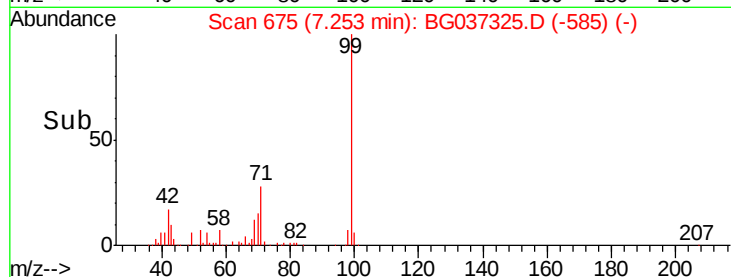
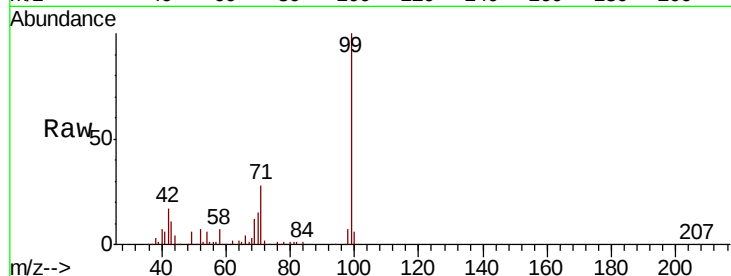
Tot Ion: 99 Resp: 143408

Ion Ratio Lower Upper

99 100

42 17.3 15.0 22.4

71 27.6 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.327 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037325.D

Acq: 13 Oct 2018 13:56

Tgt Ion: 70 Resp: 54022

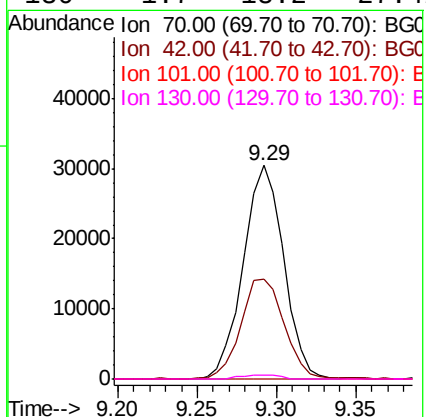
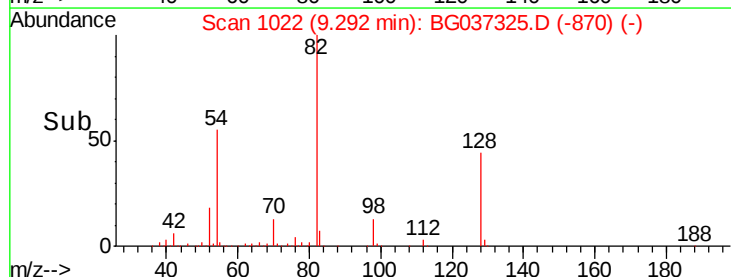
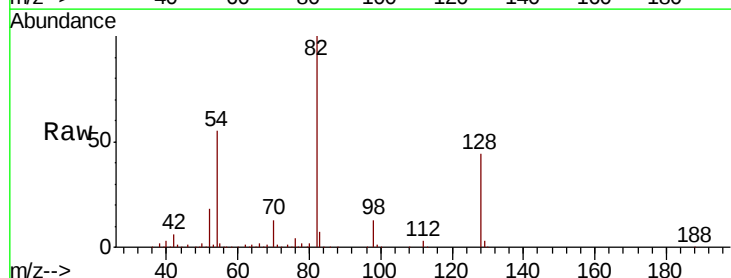
Ion Ratio Lower Upper

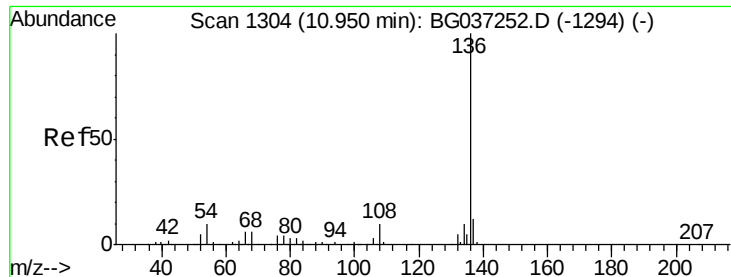
70 100

42 46.9 53.9 80.9#

101 0.0 8.2 12.2#

130 1.7 18.2 27.4#

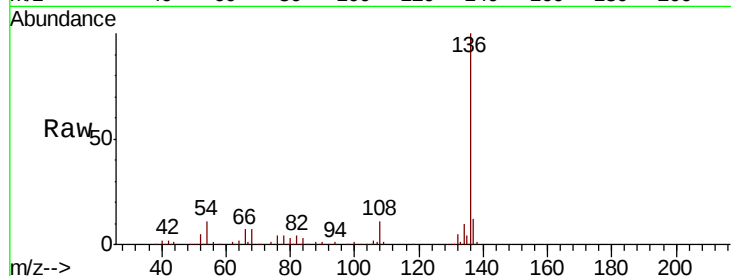




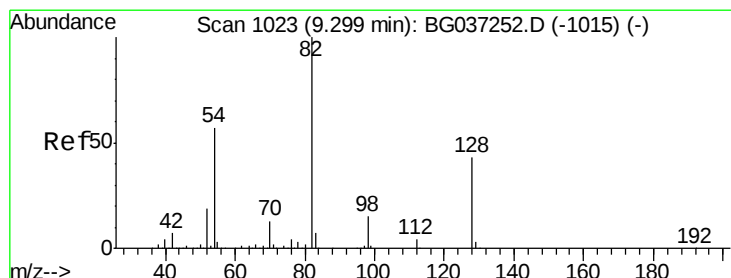
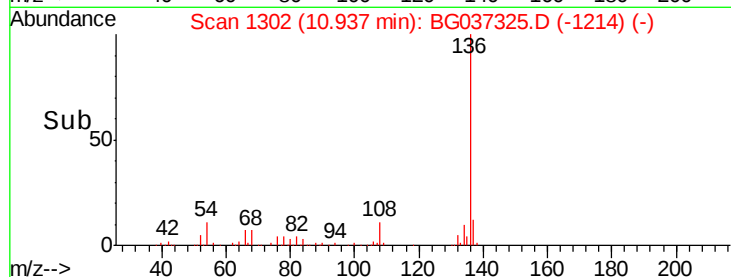
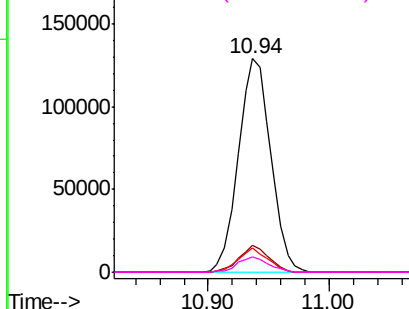
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037325.D
Acq: 13 Oct 2018 13:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	241009
Ion	Ratio	Lower Upper
136	100	
137	12.4	9.6 14.4
54	11.2	7.9 11.9
68	7.0	4.8 7.2

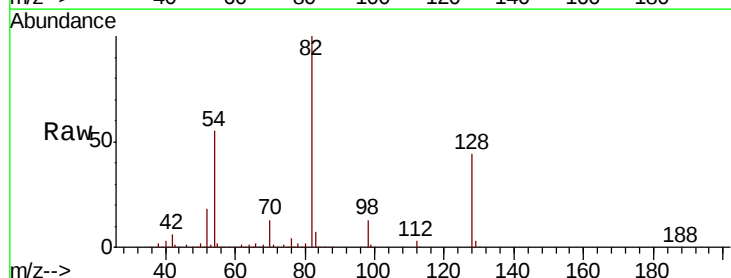


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

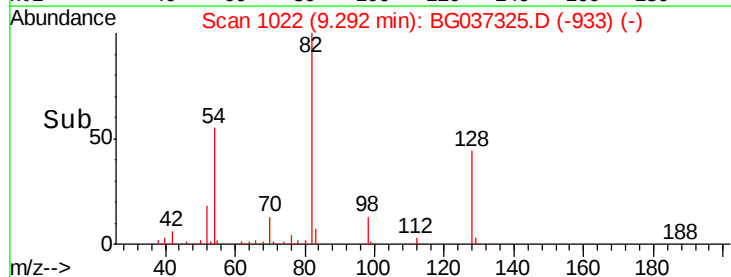
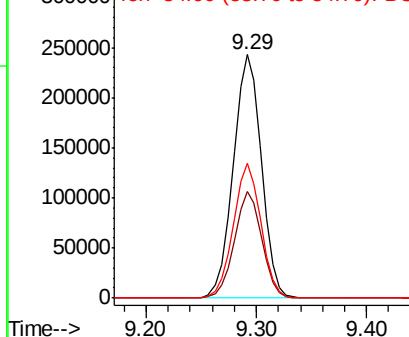


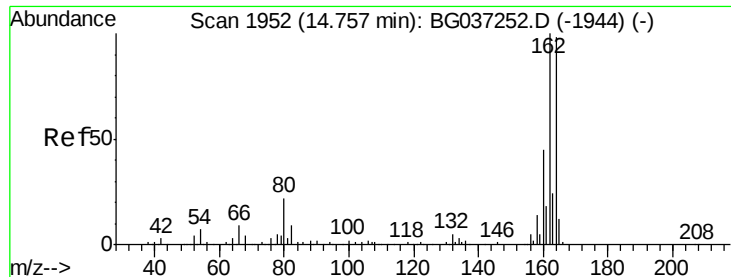
#23
Nitrobenzene-d5
Concen: 118.476 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037325.D
Acq: 13 Oct 2018 13:56

Tgt Ion: 82	Resp:	434313
Ion	Ratio	Lower Upper
82	100	
128	43.7	34.6 51.8
54	55.2	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# 1951

Delta R.T. -0.01 min

Lab File: BG037325.D

Acq: 13 Oct 2018 13:56

Instrument :

BNA_G

ClientSampleId :

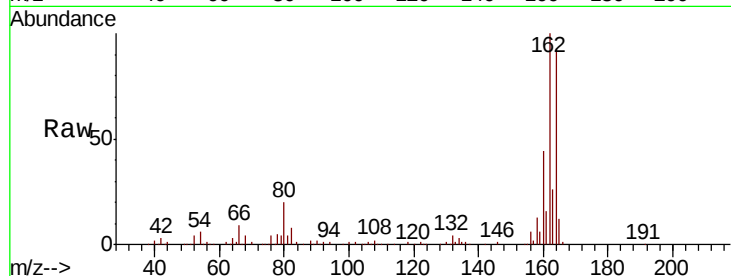
Tot Ion:164 Resp: 163440

Ion Ratio Lower Upper

164 100

162 107.7 81.3 121.9

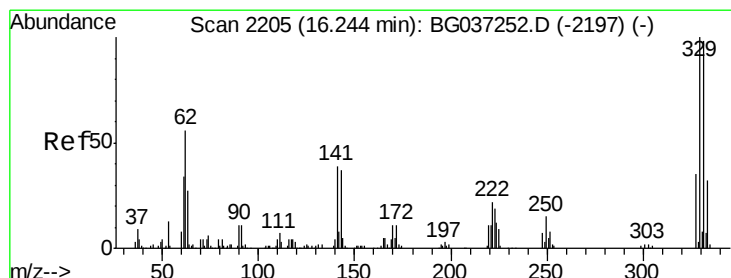
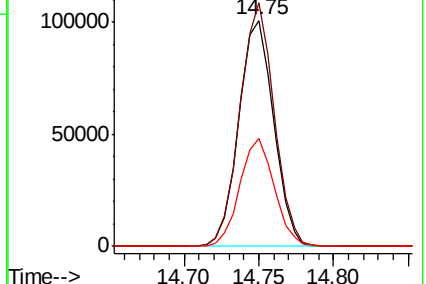
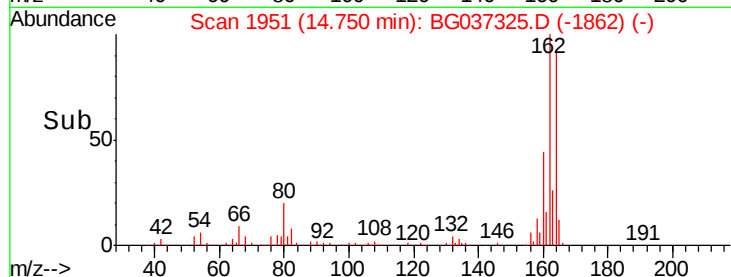
160 47.9 36.3 54.5



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: 119.208 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037325.D

Acq: 13 Oct 2018 13:56

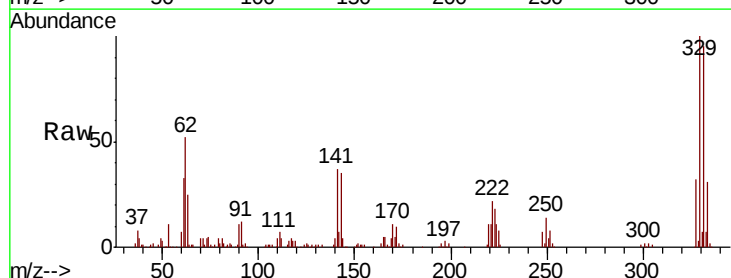
Tgt Ion:330 Resp: 191078

Ion Ratio Lower Upper

330 100

332 94.2 78.4 117.6

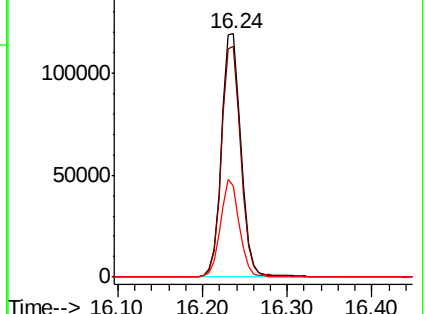
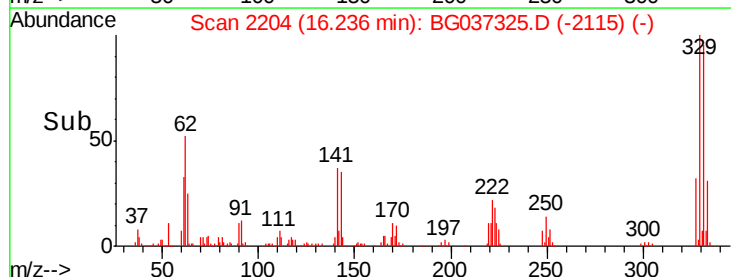
141 39.1 32.2 48.2

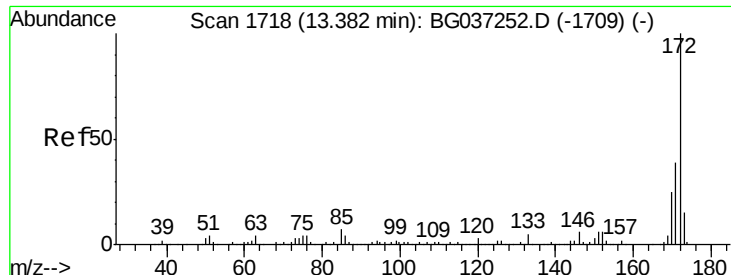


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

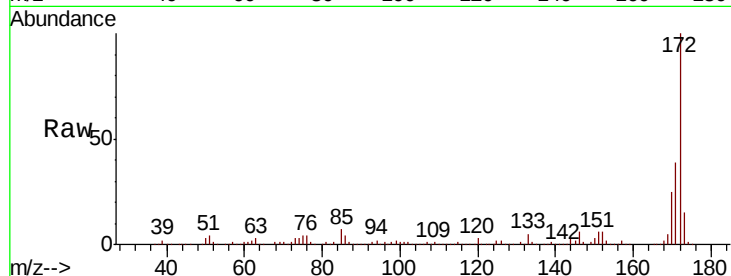




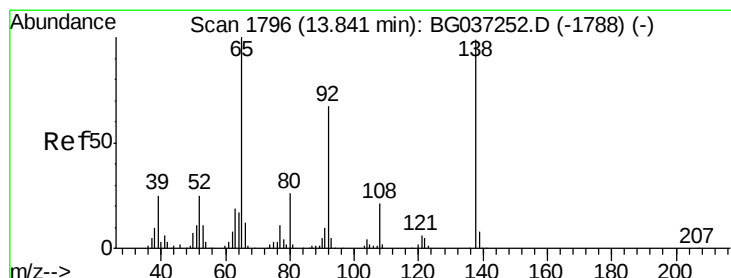
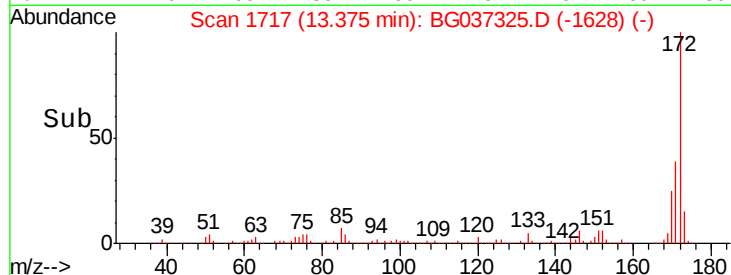
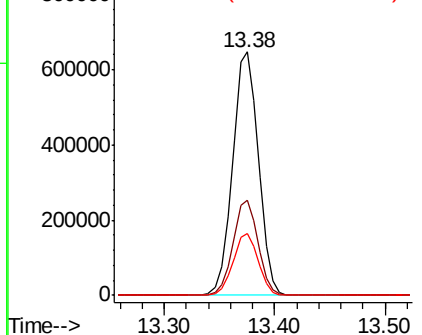
#45
2-Fluorobiphenyl
Concen: 97.518 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037325.D
Acq: 13 Oct 2018 13:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1061306
Ion Ratio Lower Upper
172 100
171 38.9 31.0 46.4
170 25.4 20.2 30.2

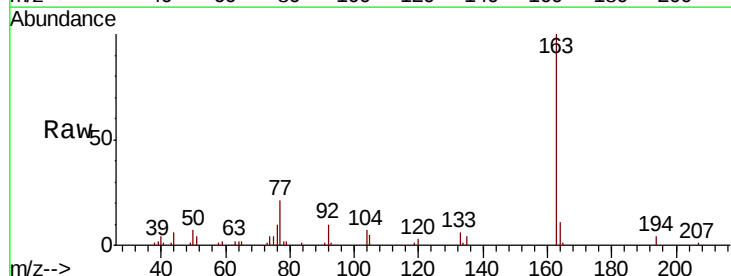


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

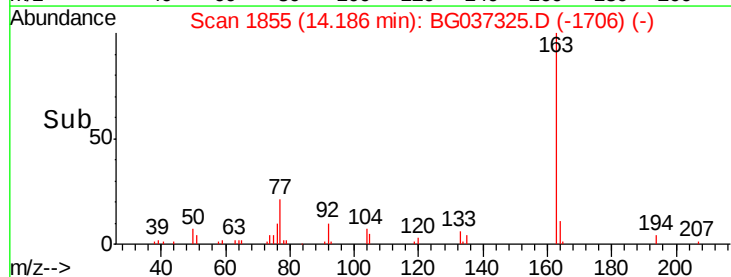
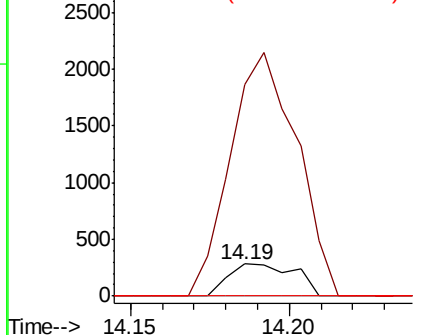


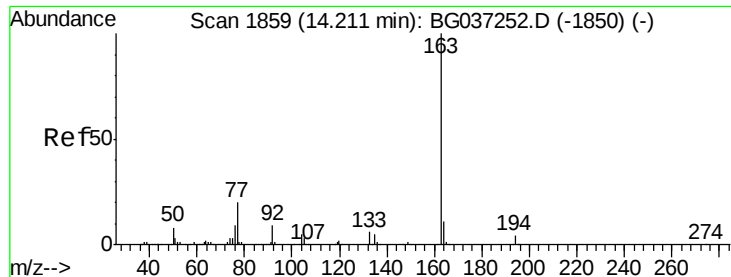
#48
2-Nitroaniline
Concen: 5.886 ng
RT: 14.19 min Scan# 1855
Delta R.T. 0.35 min
Lab File: BG037325.D
Acq: 13 Oct 2018 13:56

Tgt Ion: 65 Resp: 410
Ion Ratio Lower Upper
65 100
92 654.7 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: 2.910 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037325.D

Acq: 13 Oct 2018 13:56

Instrument :

BNA_G

ClientSampleId :

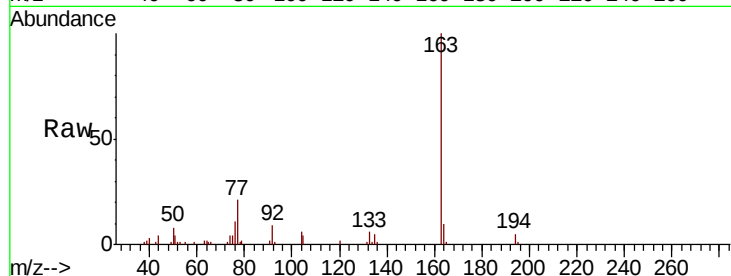
Tot Ion:163 Resp: 37378

Ion Ratio Lower Upper

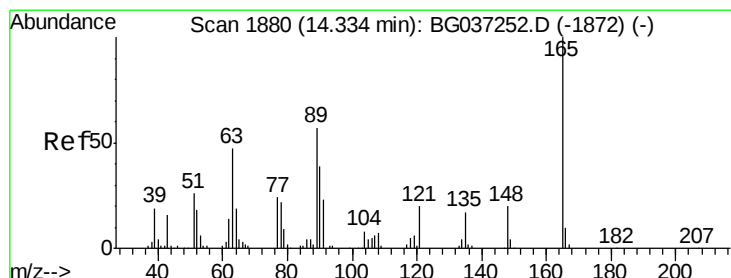
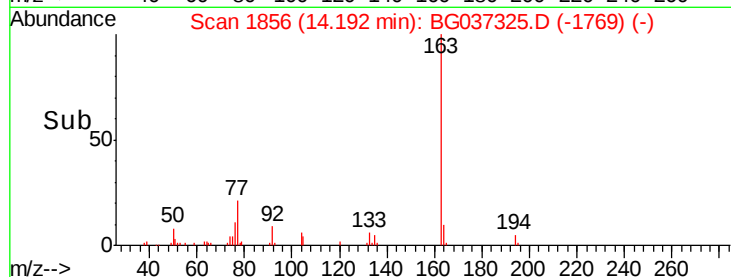
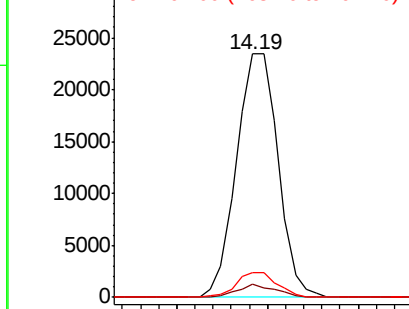
163 100

194 5.3 3.5 5.3#

164 10.3 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: 12.597 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.42 min

Lab File: BG037325.D

Acq: 13 Oct 2018 13:56

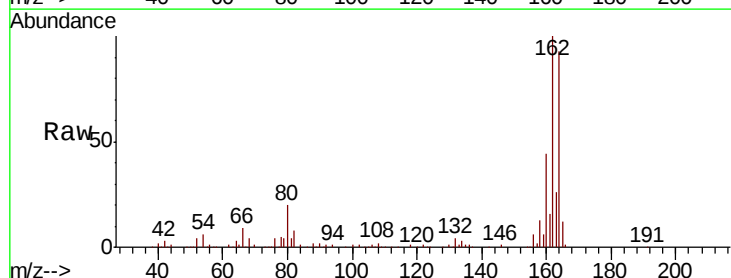
Tgt Ion:165 Resp: 21589

Ion Ratio Lower Upper

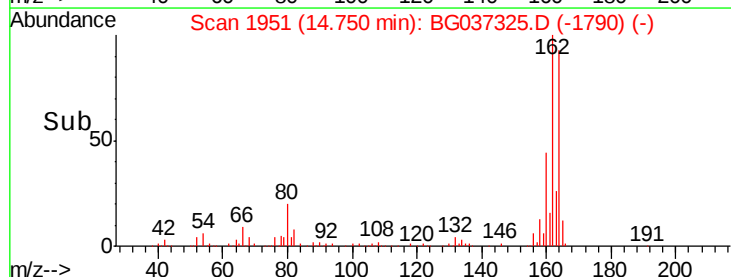
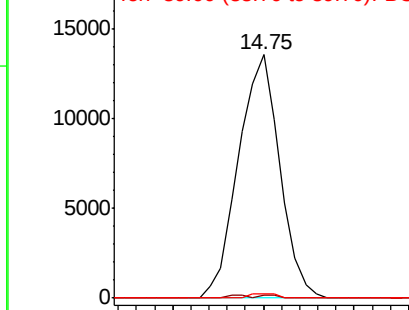
165 100

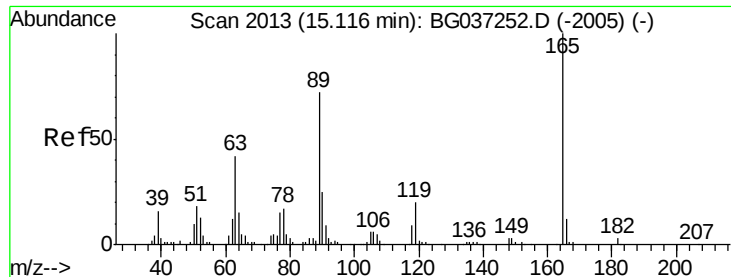
63 1.2 43.4 65.2#

89 2.0 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

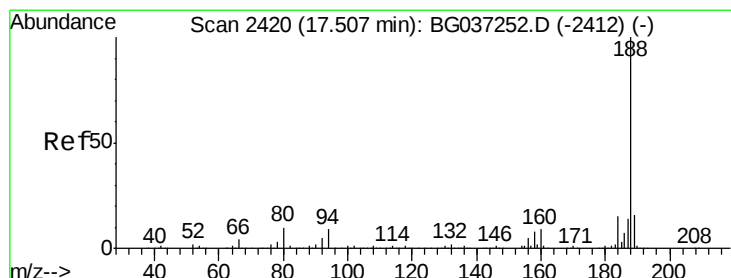
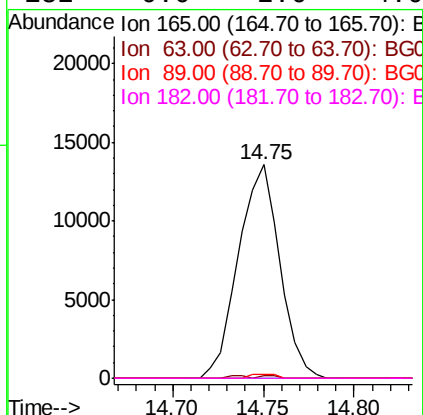
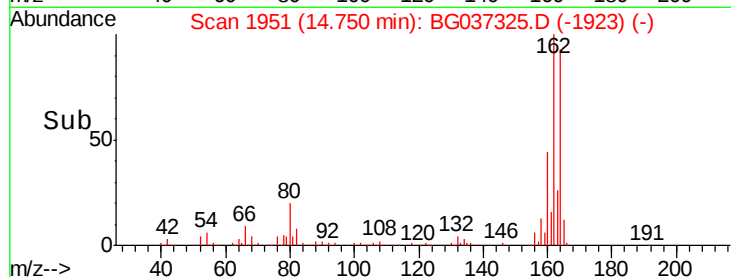
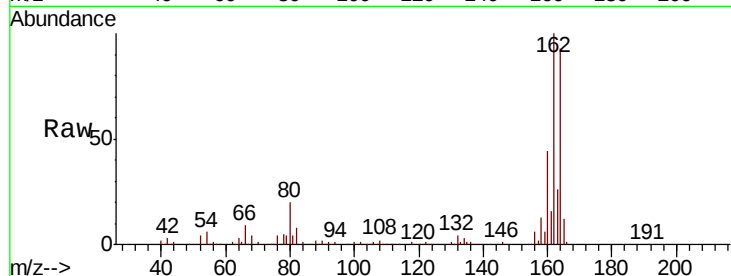




#57
2,4-Dinitrotoluene
Concen: 11.410 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.37 min
Lab File: BG037325.D
Acq: 13 Oct 2018 13:56

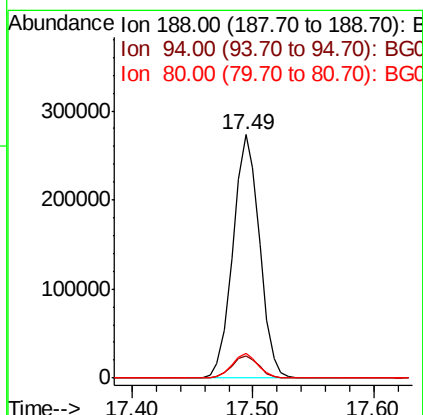
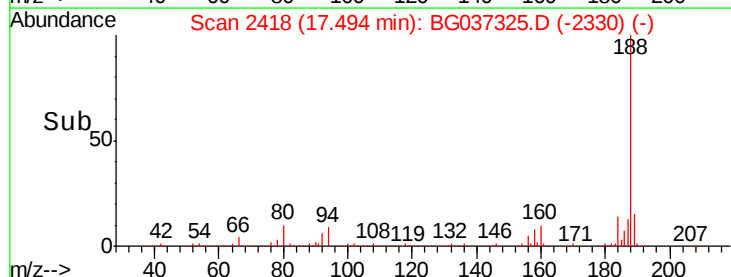
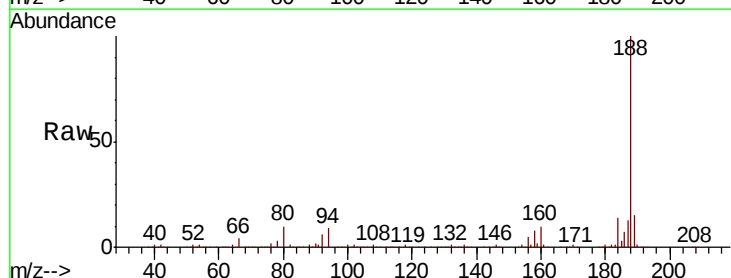
Instrument :
BNA_G
ClientSampleId :

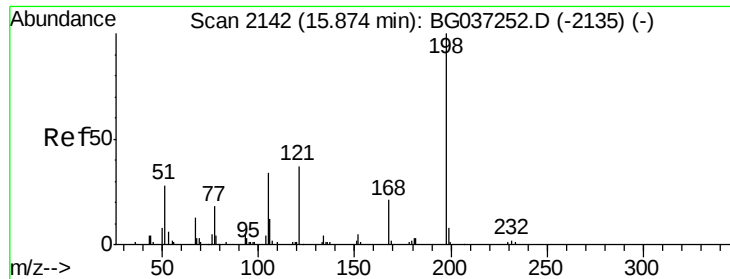
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037325.D
Acq: 13 Oct 2018 13:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.3	7.7	11.5

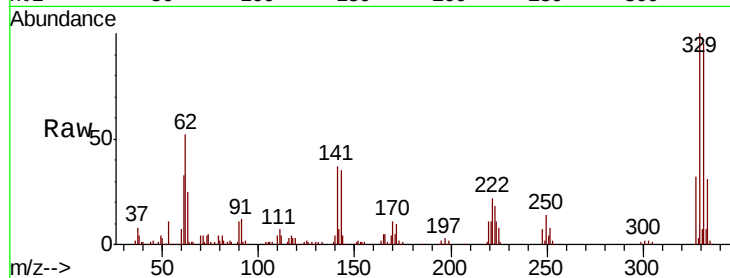




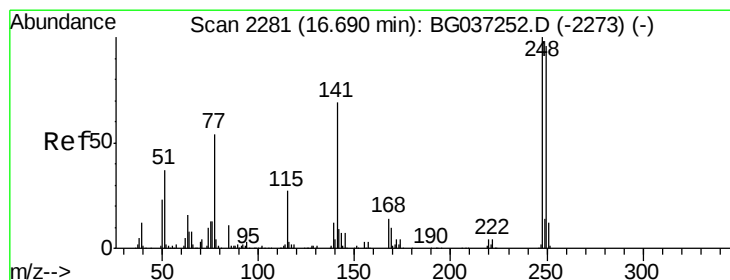
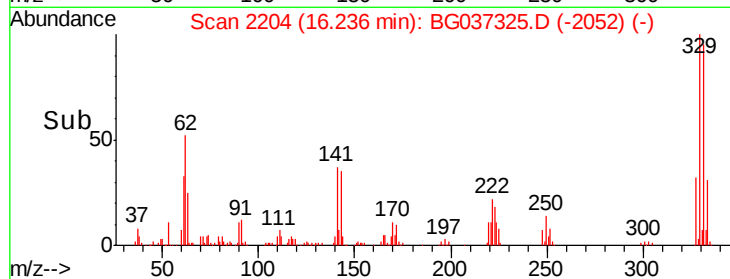
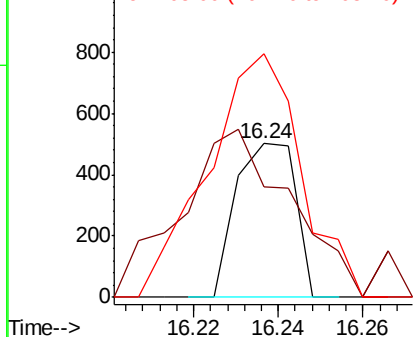
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.273 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.36 min
 Lab File: BG037325.D
 Acq: 13 Oct 2018 13:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 490
 Ion Ratio Lower Upper
 198 100
 51 15.7 22.7 62.7#
 105 34.3 19.7 59.7

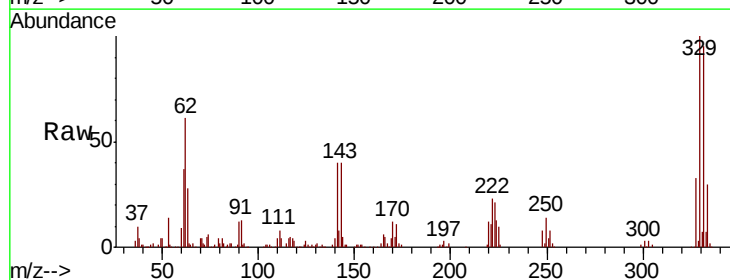


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

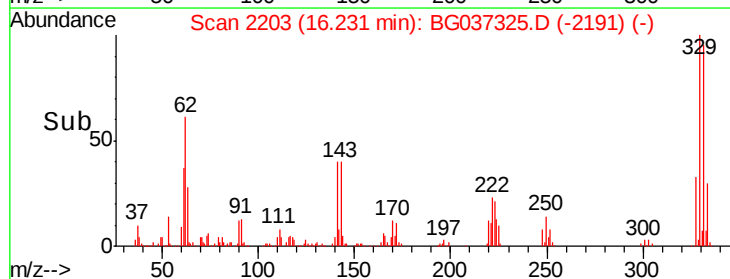
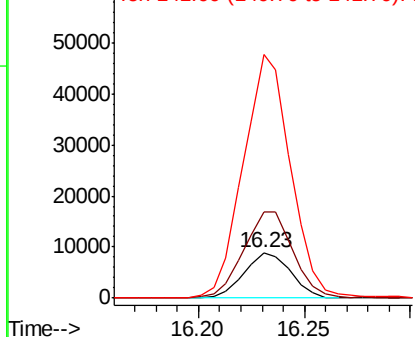


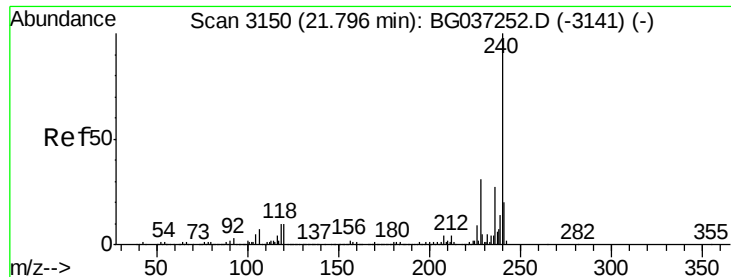
#67
 4-Bromophenyl-phenylether
 Concen: 3.014 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.46 min
 Lab File: BG037325.D
 Acq: 13 Oct 2018 13:56

Tgt Ion:248 Resp: 13618
 Ion Ratio Lower Upper
 248 100
 250 185.1 77.0 115.6#
 141 402.0 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

Chrvsene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037325.D

Acq: 13 Oct 2018 13:56

Instrument :

BNA_G

ClientSampleId :

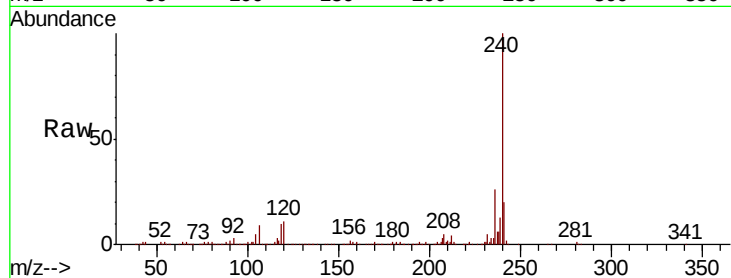
Tot Ion:240 Resp: 406576

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

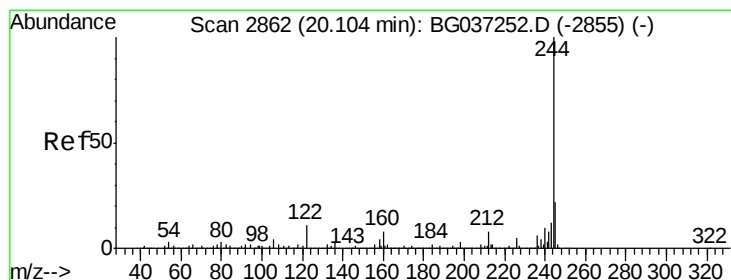
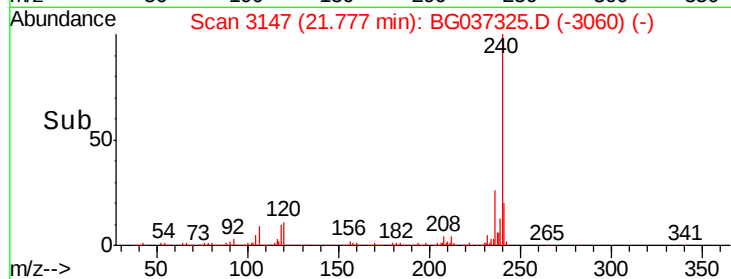
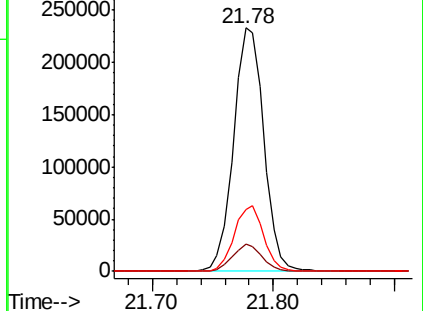
236 25.5 21.4 32.0



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: 89.022 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037325.D

Acq: 13 Oct 2018 13:56

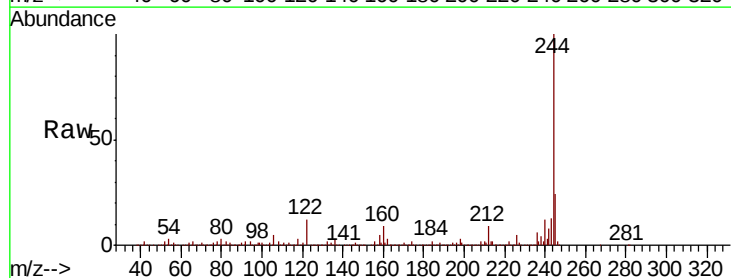
Tgt Ion:244 Resp: 1723745

Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

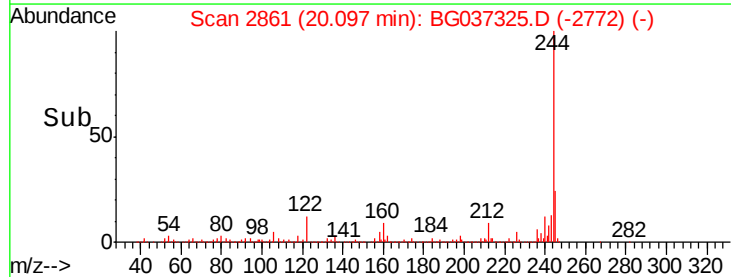
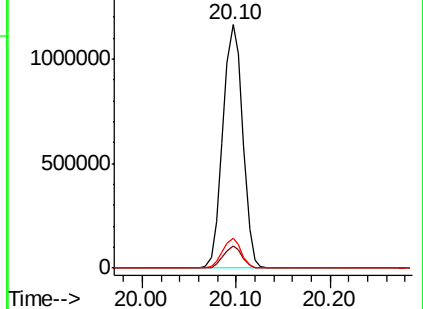
122 12.0 9.0 13.4

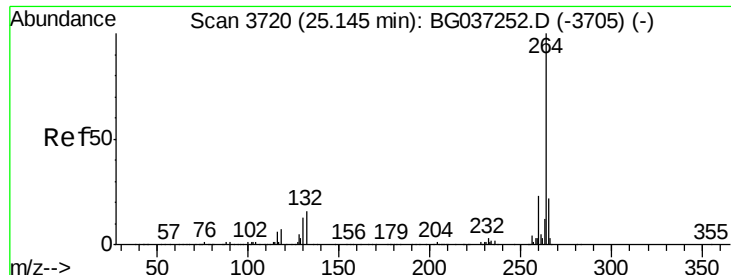


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.13 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG037325.D
Acq: 13 Oct 2018 13:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	20.6	17.9	26.9

