

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037652.D
 Acq On : 30 Oct 2018 14:05
 Operator : JU/SJ
 Sample : PB114295BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 15:28:06 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

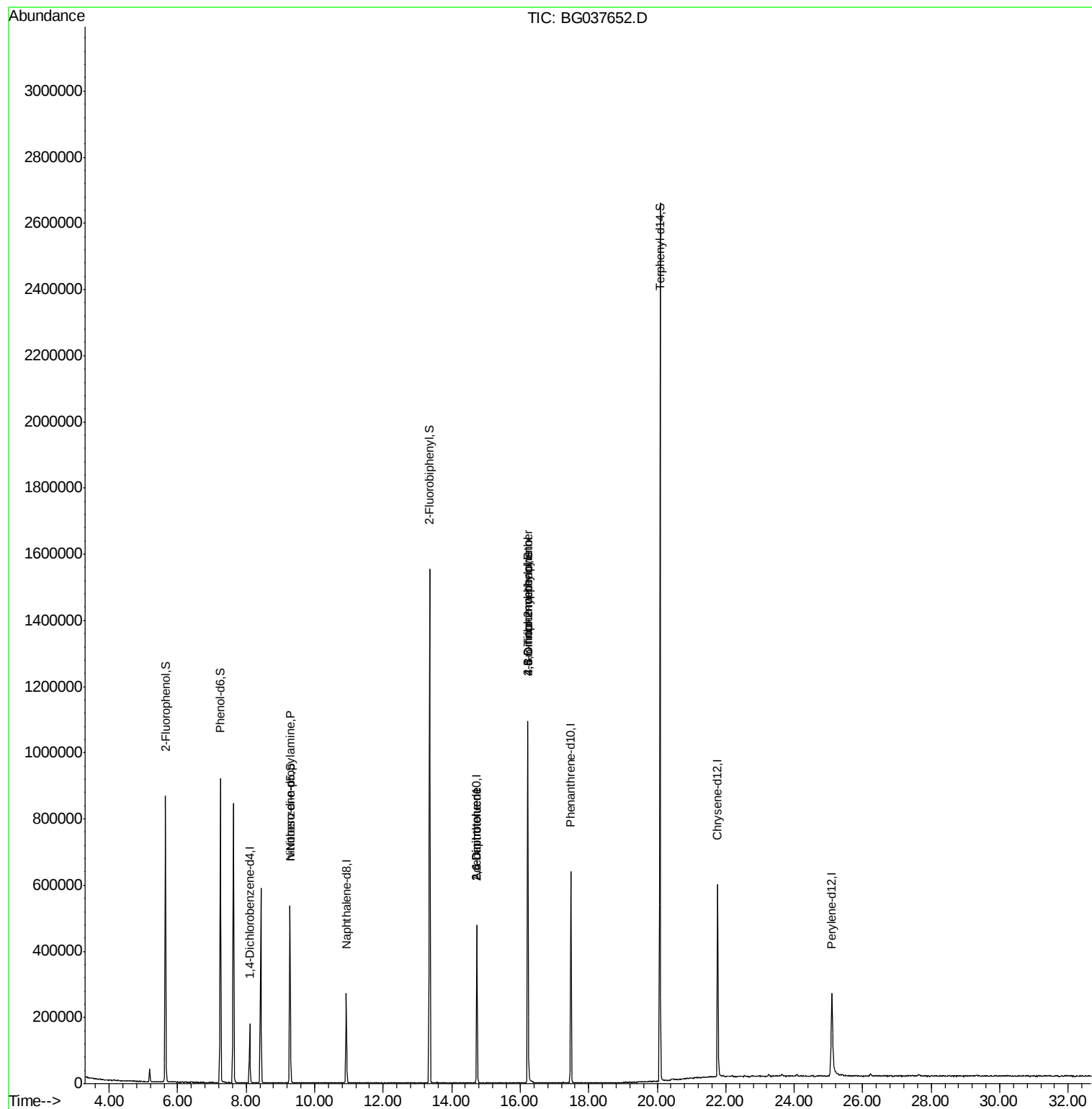
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53606	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	242867	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	166992	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	406857	20.00	ng	0.00
76) Chrysene-d12	21.76	240	375939	20.00	ng	-0.01
87) Perylene-d12	25.10	264	348585	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	401365	125.18	ng	0.00
7) Phenol-d6	7.24	99	579385	119.50	ng	0.00
23) Nitrobenzene-d5	9.28	82	331916	76.56	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	209911	115.25	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	843034	76.13	ng	-0.01
79) Terphenyl-d14	20.08	244	1305928	74.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	41556	12.447	ng	# 69
51) 2,6-Dinitrotoluene	14.74	165	21264	7.440	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	21264	5.668	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	769	8.804	ng	85
67) 4-Bromophenyl-phenylether	16.22	248	15450	3.458	ng	# 1

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

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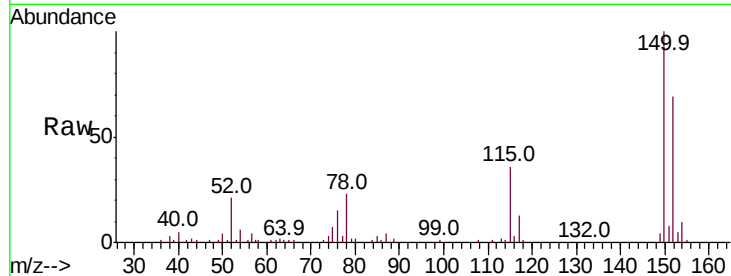


#1

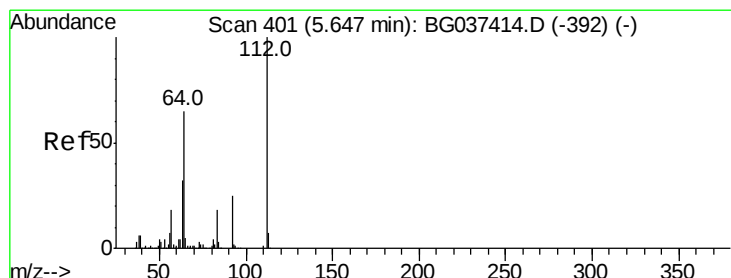
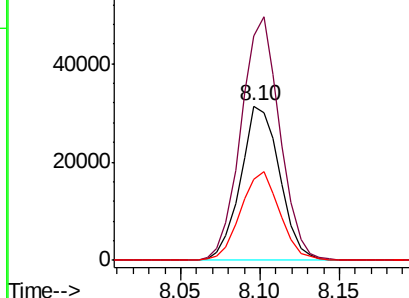
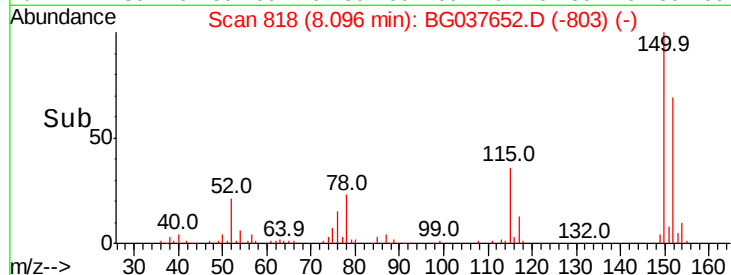
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037652.D
Acq: 30 Oct 2018 14:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53606
Ion Ratio Lower Upper
152 100
150 145.2 126.0 189.0
115 52.4 45.5 68.3



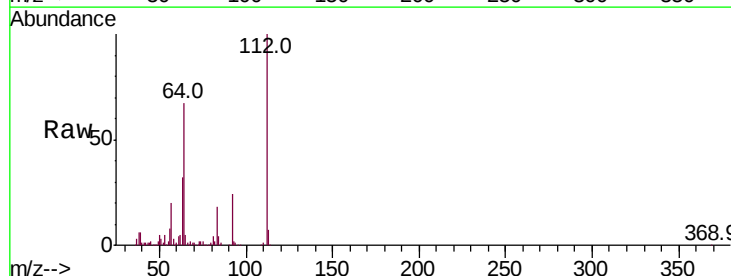
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



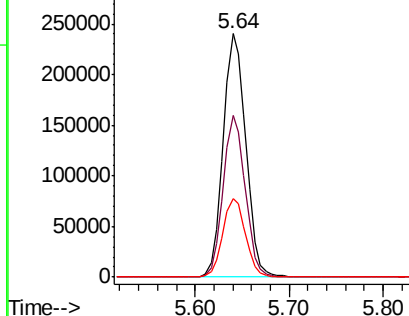
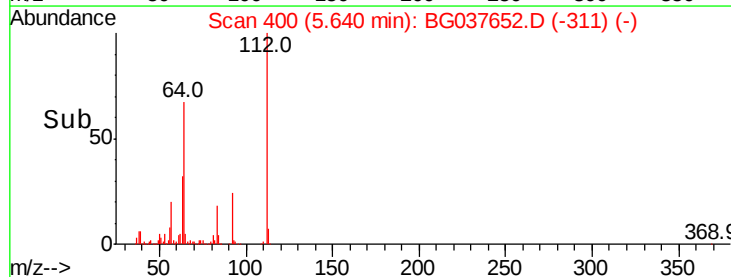
#5

2-Fluorophenol
Concen: 125.177 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037652.D
Acq: 30 Oct 2018 14:05

Tgt Ion:112 Resp: 401365
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 32.4 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: 119.499 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037652.D

Acq: 30 Oct 2018 14:05

Instrument :

BNA_G

ClientSampleId :

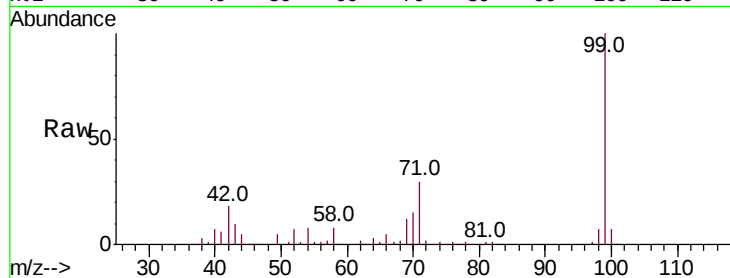
Tot Ion: 99 Resp: 579385

Ion Ratio Lower Upper

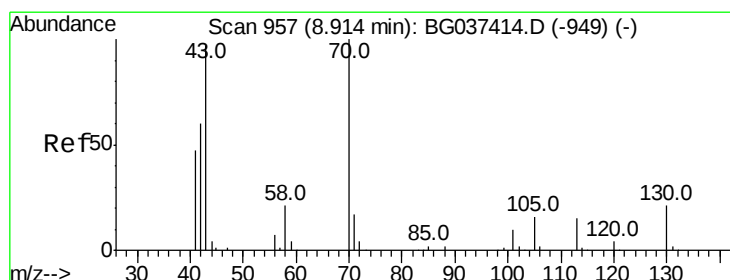
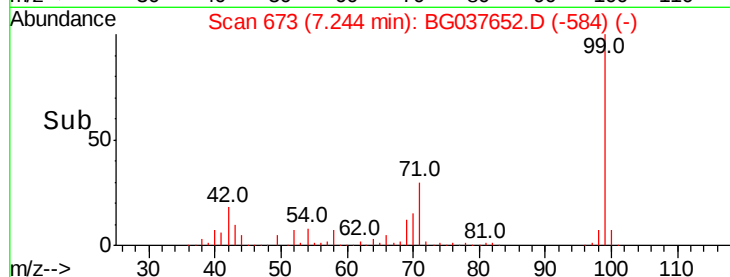
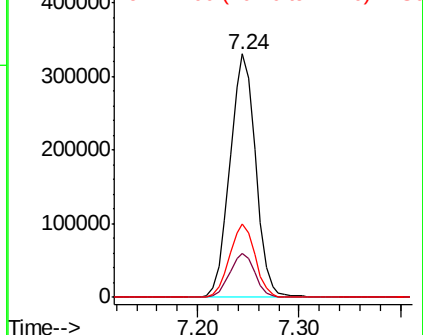
99 100

42 18.0 15.0 22.4

71 30.4 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: 12.447 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037652.D

Acq: 30 Oct 2018 14:05

Tgt Ion: 70 Resp: 41556

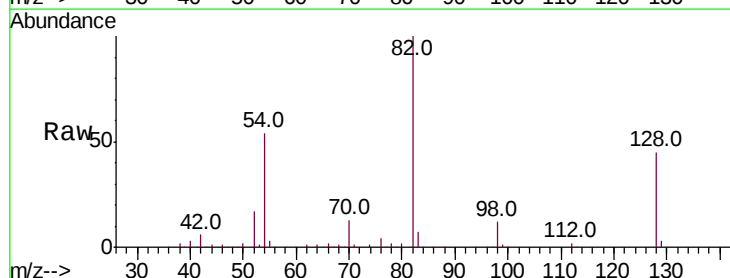
Ion Ratio Lower Upper

70 100

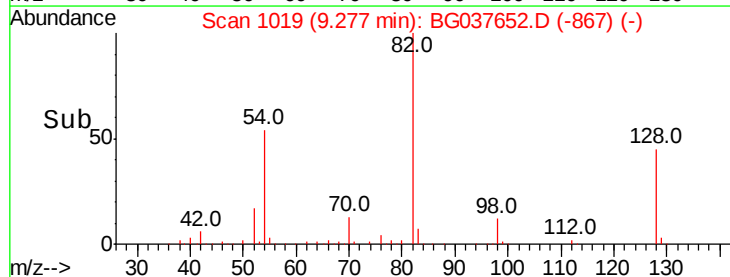
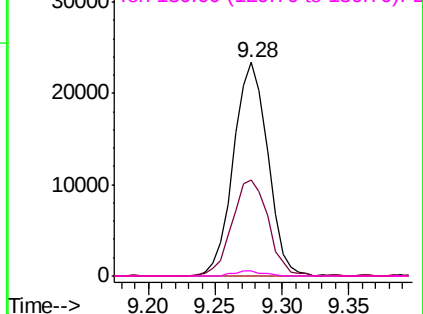
42 45.0 53.9 80.9#

101 0.0 8.2 12.2#

130 2.1 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

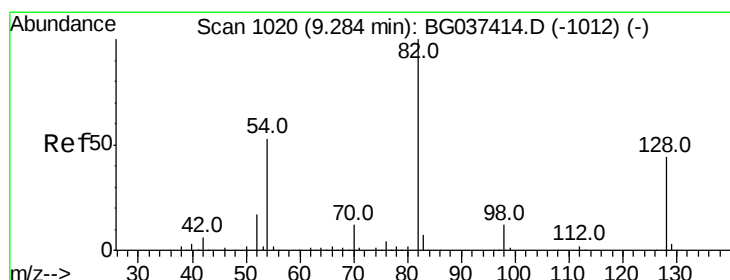
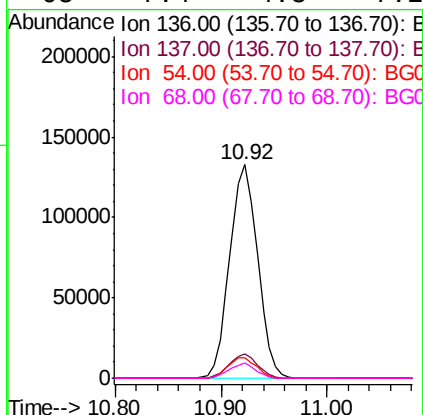
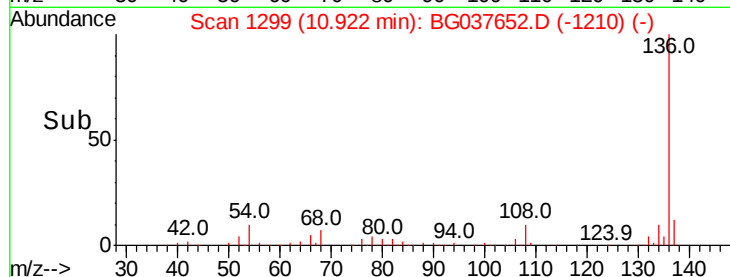
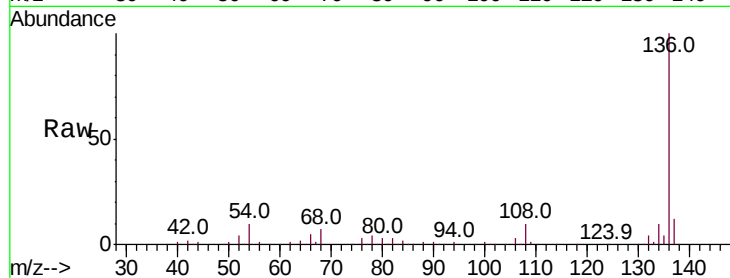




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037652.D
Acq: 30 Oct 2018 14:05

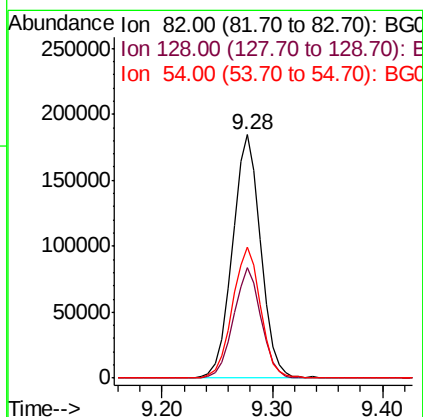
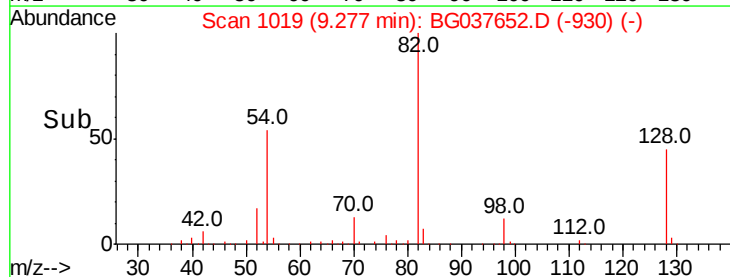
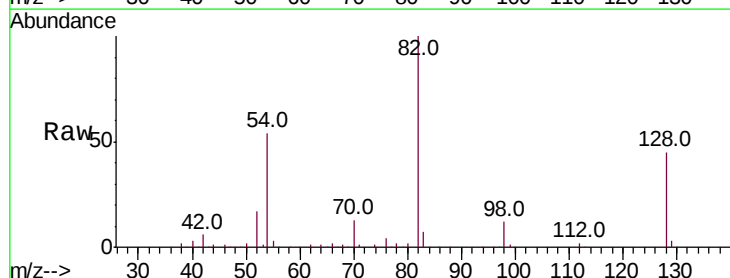
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	242867
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.8	7.9	11.9
68	7.4	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 76.559 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037652.D
Acq: 30 Oct 2018 14:05

Tgt Ion:	82	Resp:	331916
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	53.6	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037652.D

Acq: 30 Oct 2018 14:05

Instrument :

BNA_G

ClientSampled :

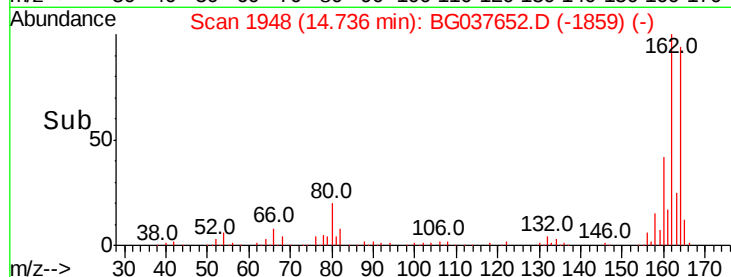
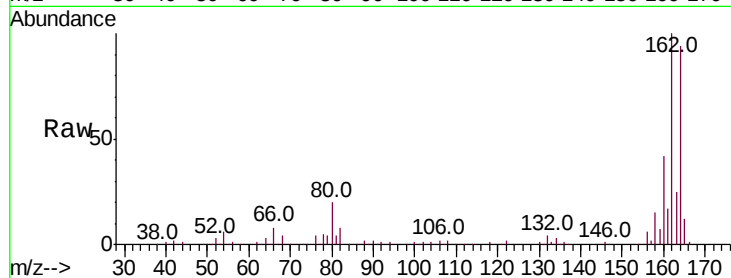
Tot Ion:164 Resp: 166992

Ion Ratio Lower Upper

164 100

162 106.5 81.3 121.9

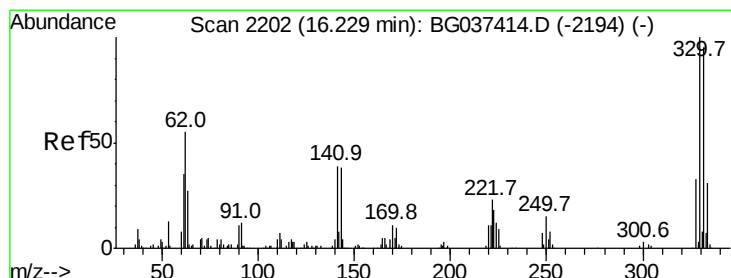
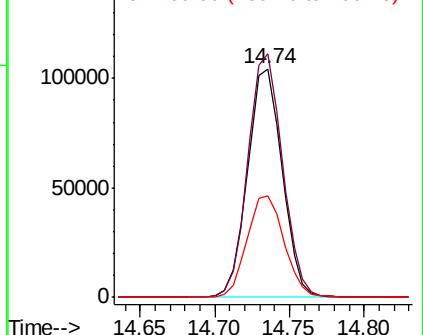
160 44.4 36.3 54.5



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: 115.249 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037652.D

Acq: 30 Oct 2018 14:05

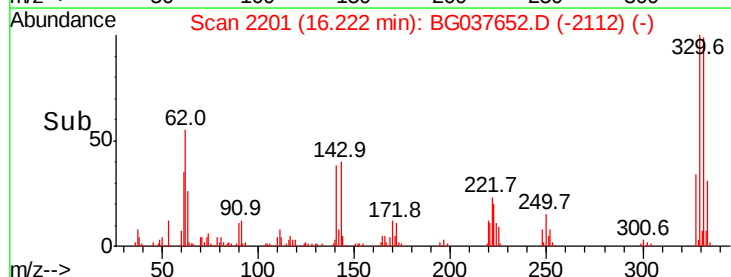
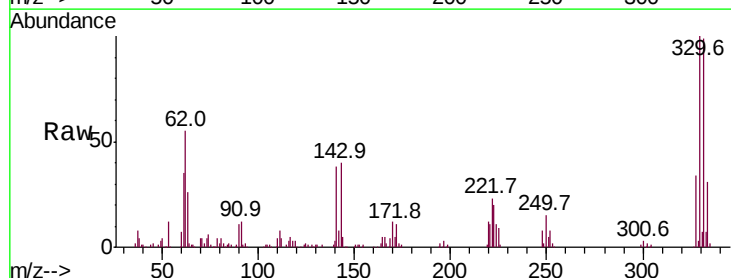
Tgt Ion:330 Resp: 209911

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

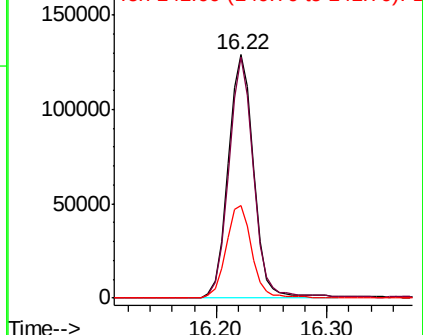
141 38.6 32.2 48.2



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

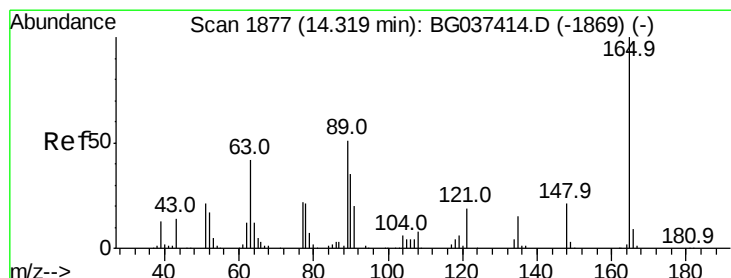
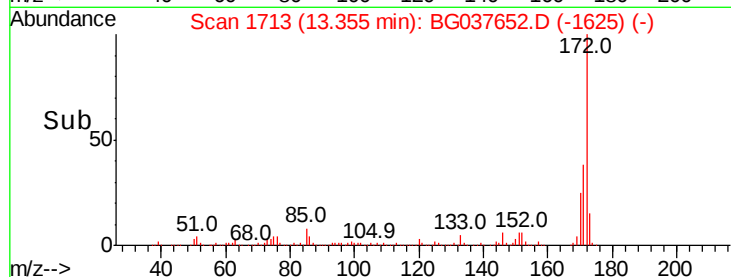
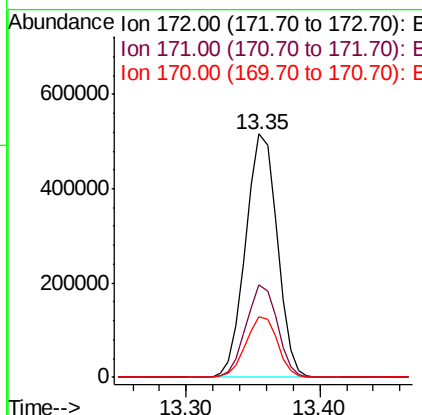
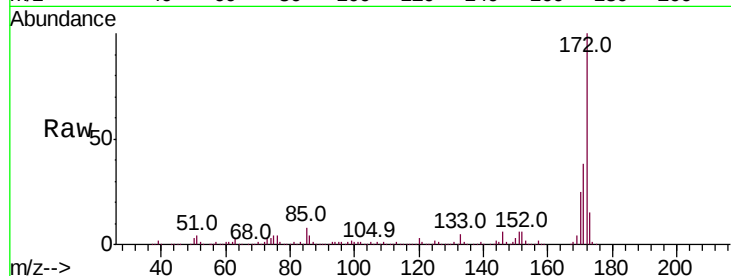




#45
 2-Fluorobiphenyl
 Concen: 76.126 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037652.D
 Acq: 30 Oct 2018 14:05

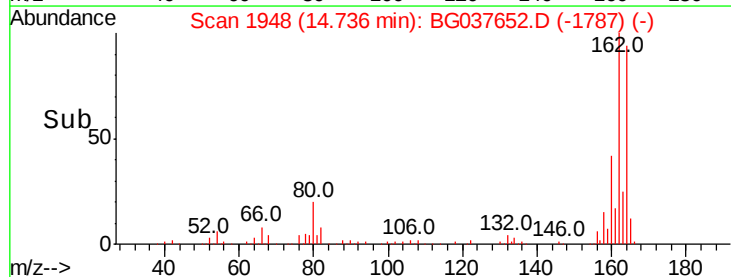
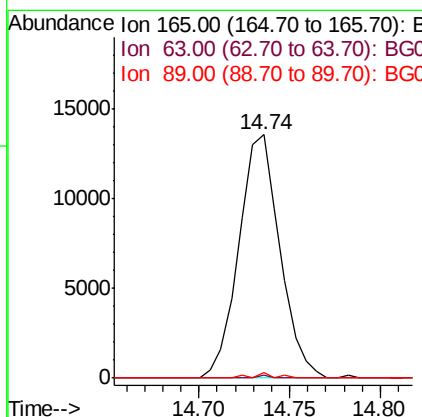
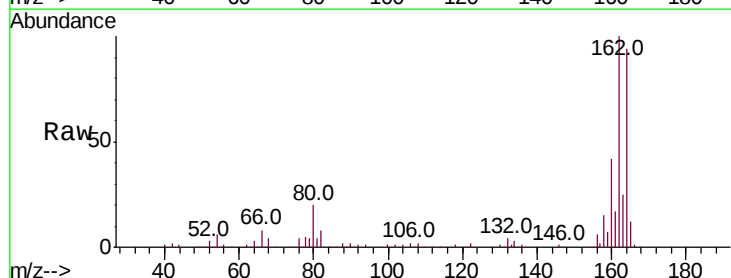
Instrument :
 BNA_G
 ClientSampleId :

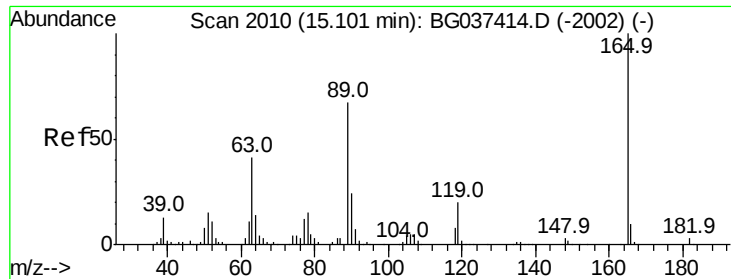
Tot Ion:172 Resp: 843034
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 24.9 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.440 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037652.D
 Acq: 30 Oct 2018 14:05

Tgt Ion:165 Resp: 21264
 Ion Ratio Lower Upper
 165 100
 63 1.4 43.4 65.2#
 89 2.0 45.8 68.6#

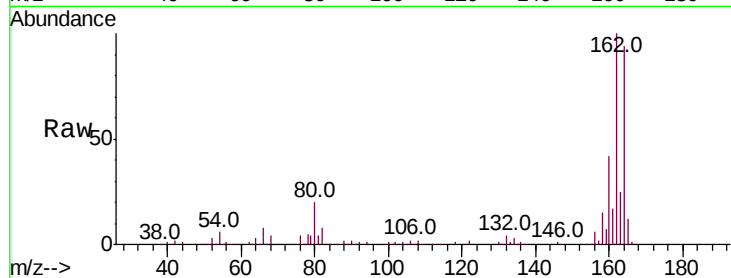




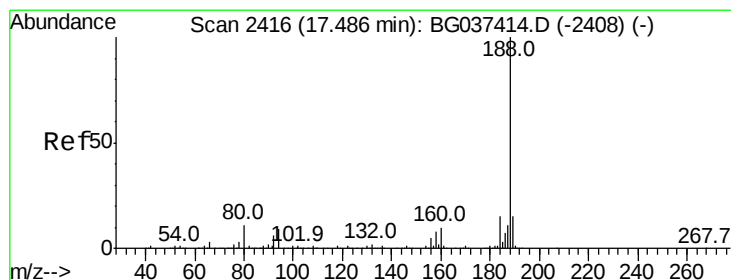
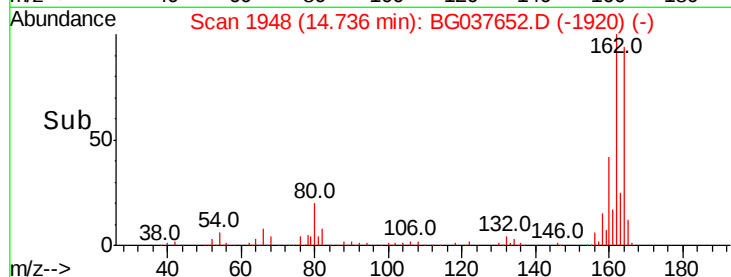
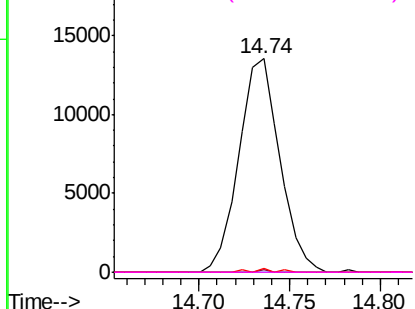
#57
 2,4-Dinitrotoluene
 Concen: 5.668 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037652.D
 Acq: 30 Oct 2018 14:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 21264
 Ion Ratio Lower Upper
 165 100
 63 1.4 33.4 50.0#
 89 2.0 57.2 85.8#
 182 0.0 2.6 4.0#

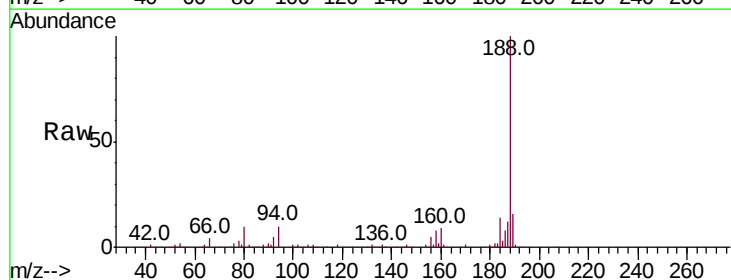


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

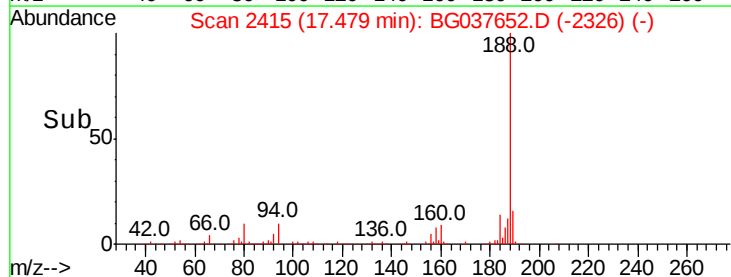
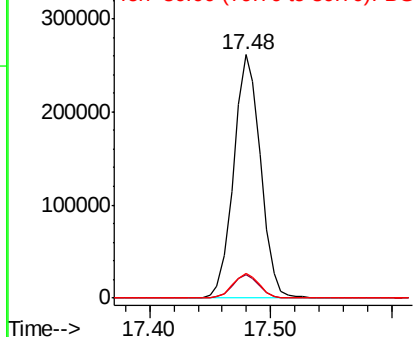


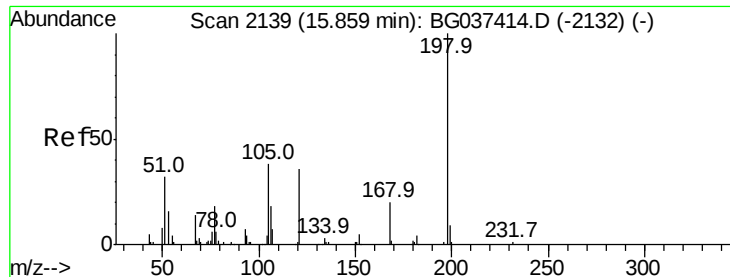
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037652.D
 Acq: 30 Oct 2018 14:05

Tgt Ion:188 Resp: 406857
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.2 10.8
 80 10.3 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: 8.804 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037652.D

Acq: 30 Oct 2018 14:05

Instrument :

BNA_G

ClientSampled :

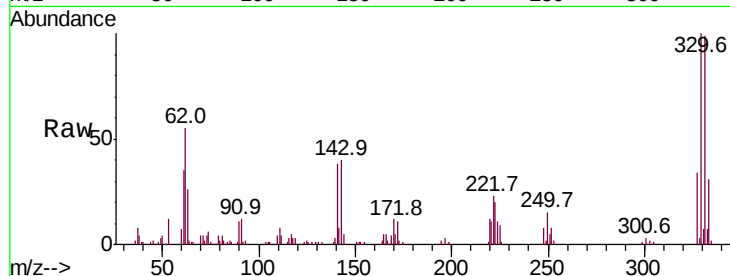
Tot Ion:198 Resp: 769

Ion Ratio Lower Upper

198 100

51 26.0 22.7 62.7

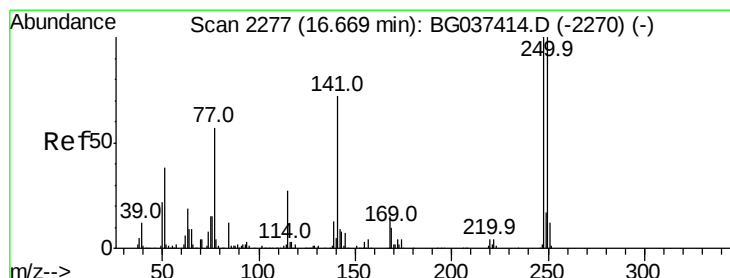
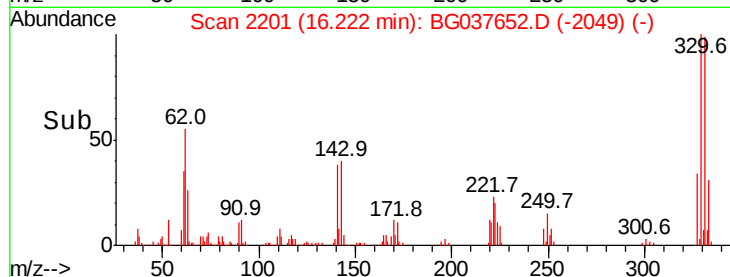
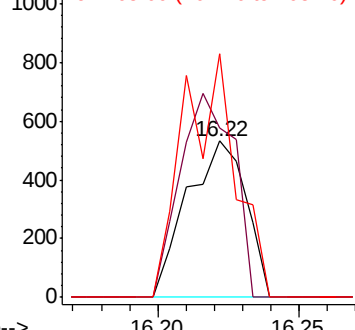
105 37.5 19.7 59.7



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: 3.458 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037652.D

Acq: 30 Oct 2018 14:05

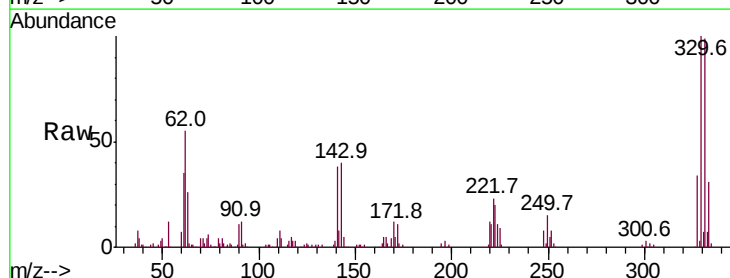
Tgt Ion:248 Resp: 15450

Ion Ratio Lower Upper

248 100

250 202.3 77.0 115.6#

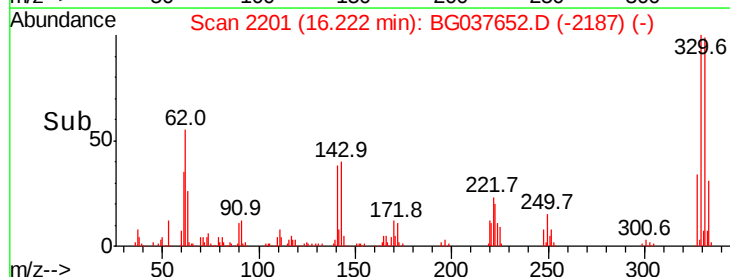
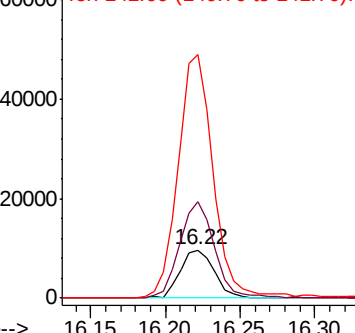
141 389.7 55.5 83.3#

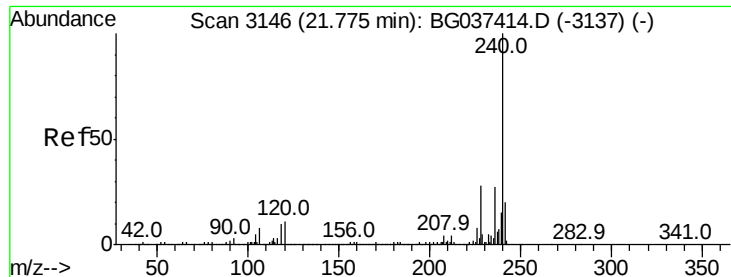


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037652.D

Acq: 30 Oct 2018 14:05

Instrument :

BNA_G

ClientSampleId :

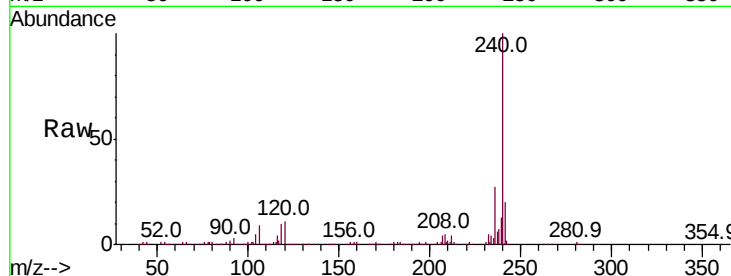
Tot Ion:240 Resp: 375939

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

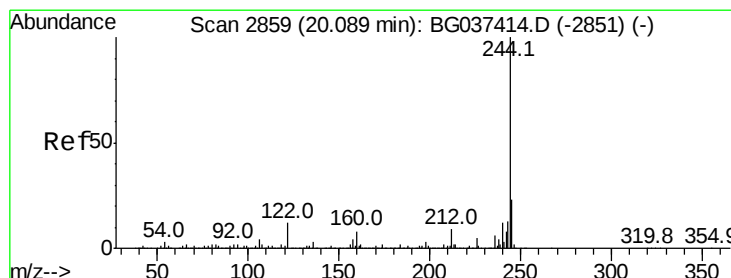
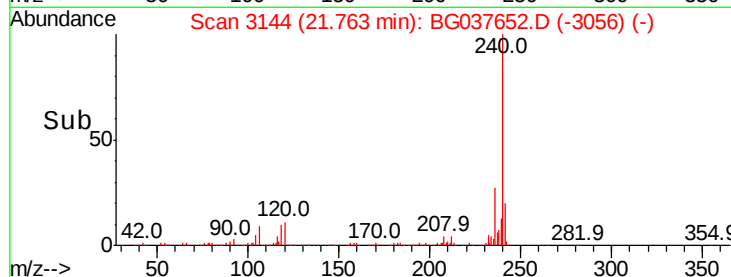
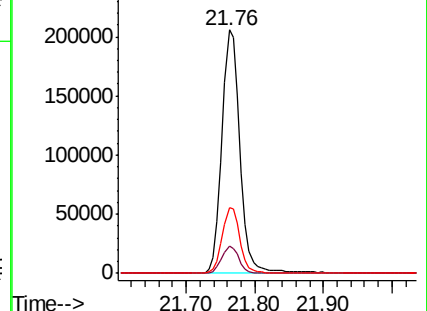
236 26.8 21.4 32.0



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: 74.226 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037652.D

Acq: 30 Oct 2018 14:05

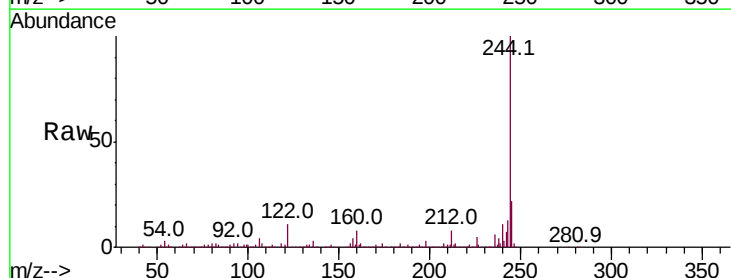
Tgt Ion:244 Resp: 1305928

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

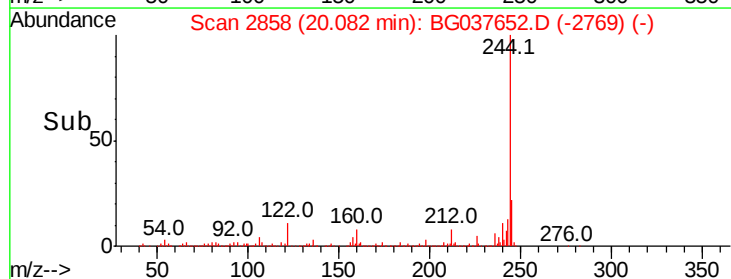
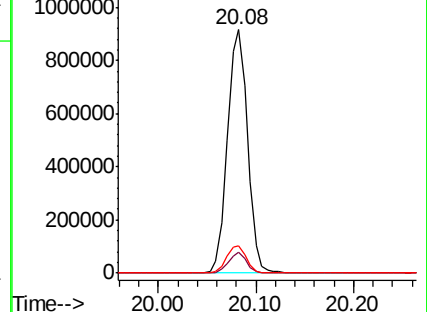
122 11.1 9.0 13.4

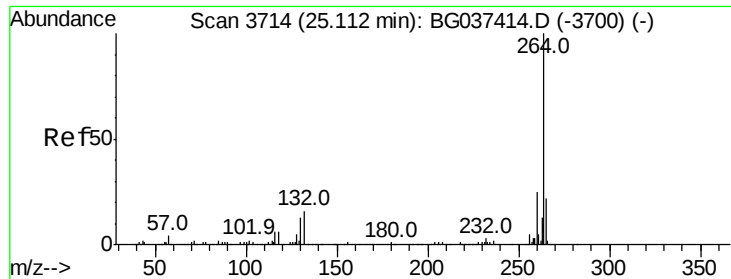


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3712
Delta R.T. -0.01 min
Lab File: BG037652.D
Acq: 30 Oct 2018 14:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	21.4	17.9	26.9

