

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037754.D
 Acq On : 2 Nov 2018 14:05
 Operator : JU/SJ
 Sample : PB114391TB
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 14:40:39 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

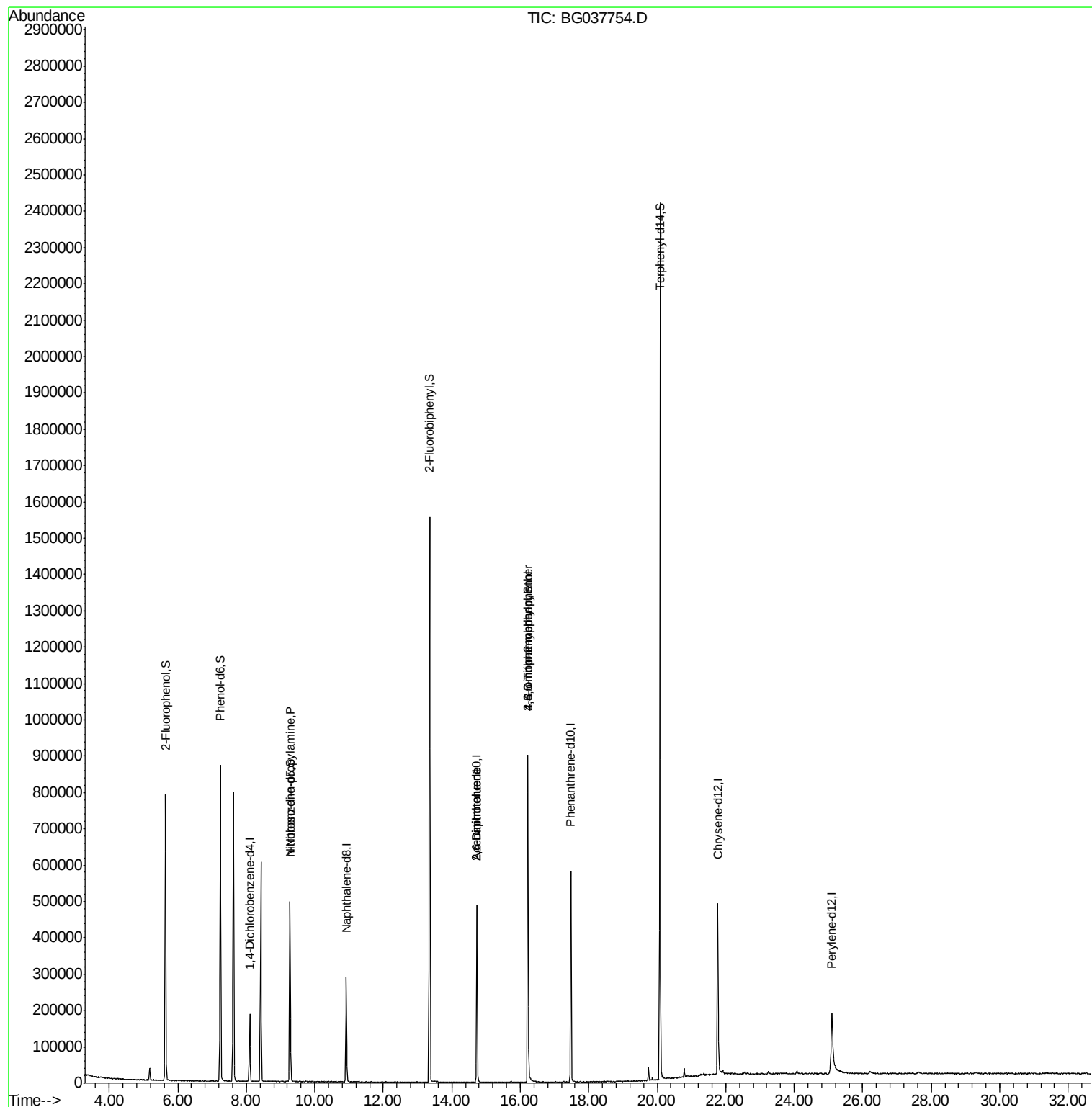
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56825	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	258501	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	171351	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	385051	20.00	ng	0.00
76) Chrysene-d12	21.77	240	345062	20.00	ng	0.00
87) Perylene-d12	25.10	264	257889	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	375269	110.41	ng	0.00
7) Phenol-d6	7.24	99	548426	106.71	ng	0.00
23) Nitrobenzene-d5	9.27	82	321568	69.69	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	183319	98.09	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	842740	74.16	ng	-0.01
79) Terphenyl-d14	20.08	244	1205412	74.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	40440	11.426	ng	# 67
51) 2,6-Dinitrotoluene	14.73	165	22652	7.724	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	22652	5.885	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	534	8.725	ng	70
67) 4-Bromophenyl-phenylether	16.22	248	13874	3.281	ng	# 1

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

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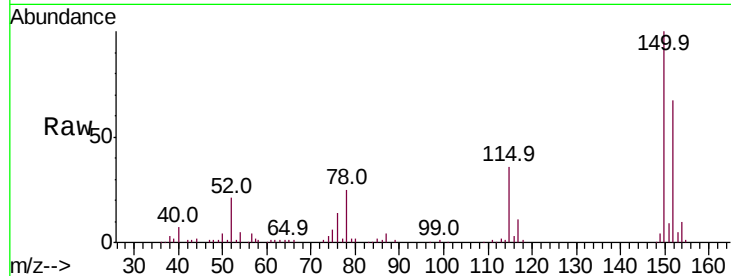


#1

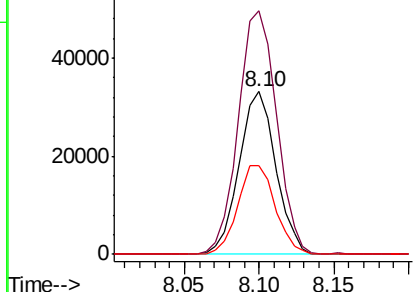
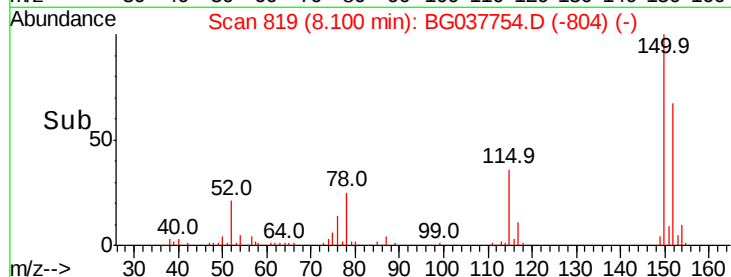
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037754.D
Acq: 2 Nov 2018 14:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56825
Ion Ratio Lower Upper
152 100
150 149.7 126.0 189.0
115 54.4 45.5 68.3



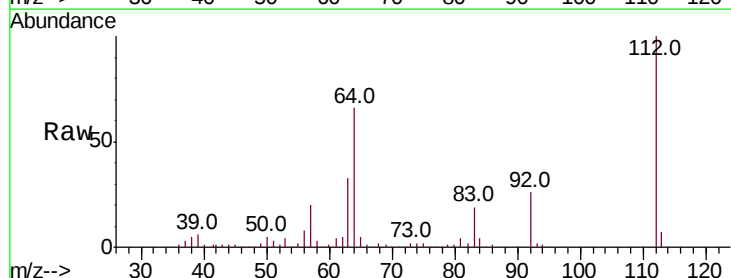
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



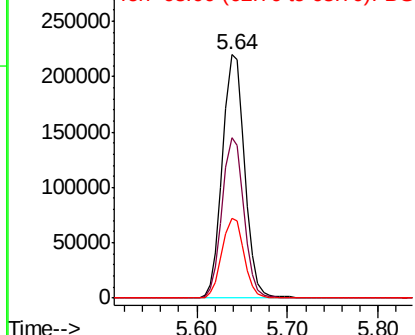
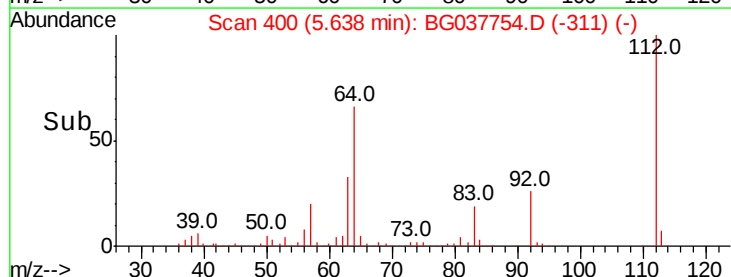
#5

2-Fluorophenol
Concen: 110.408 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037754.D
Acq: 2 Nov 2018 14:05

Tgt Ion:112 Resp: 375269
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 32.6 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: 106.706 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037754.D

Acq: 2 Nov 2018 14:05

Instrument :

BNA_G

ClientSampleId :

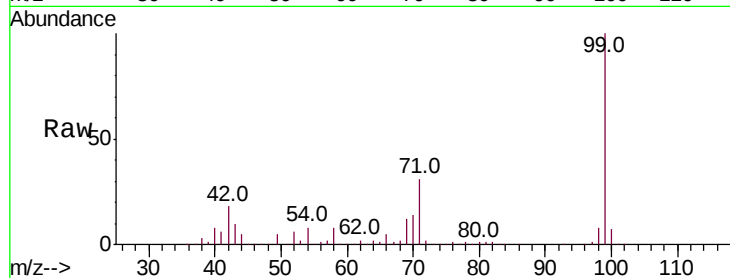
Tot Ion: 99 Resp: 548426

Ion Ratio Lower Upper

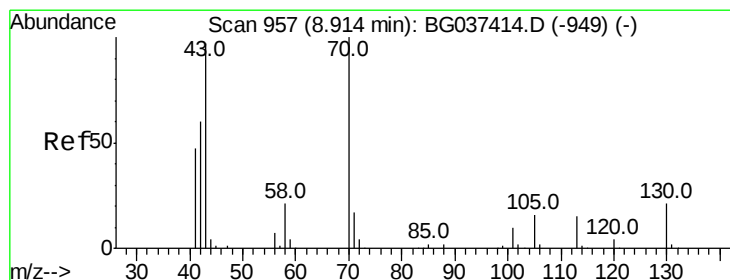
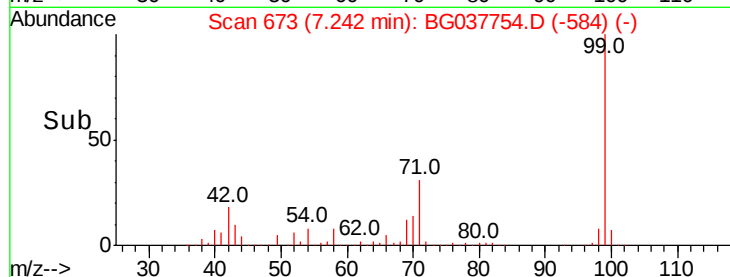
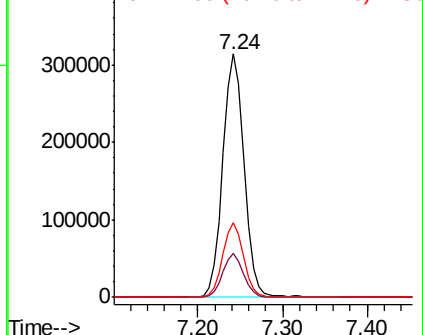
99 100

42 18.0 15.0 22.4

71 30.9 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: 11.426 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037754.D

Acq: 2 Nov 2018 14:05

Tgt Ion: 70 Resp: 40440

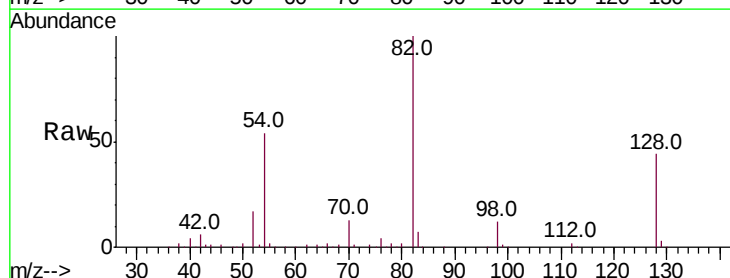
Ion Ratio Lower Upper

70 100

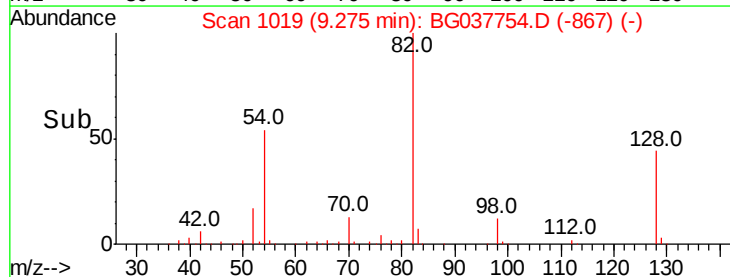
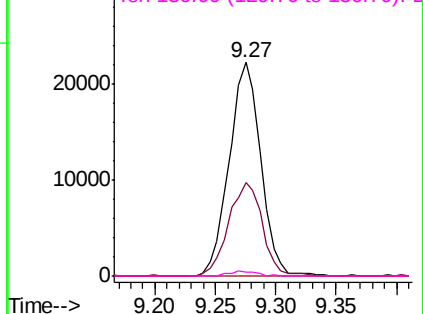
42 43.5 53.9 80.9#

101 0.0 8.2 12.2#

130 1.6 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

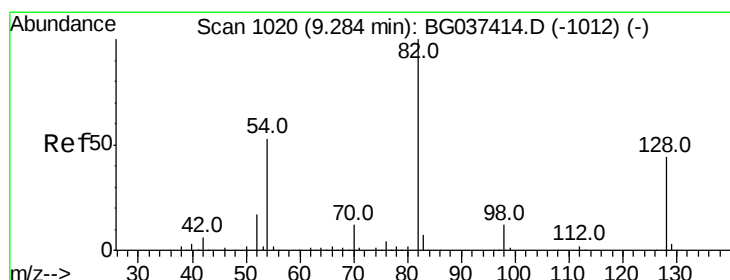
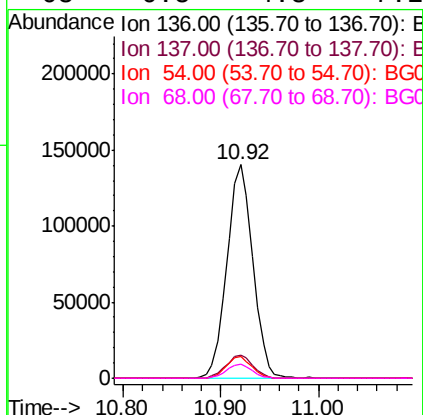
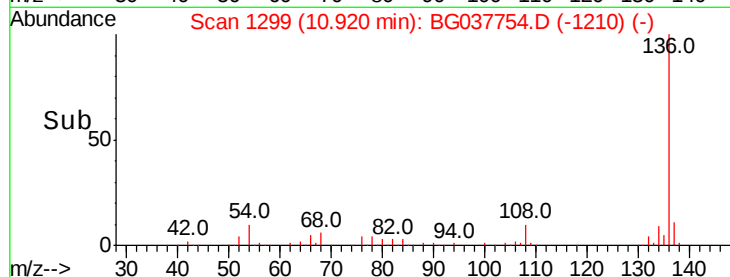
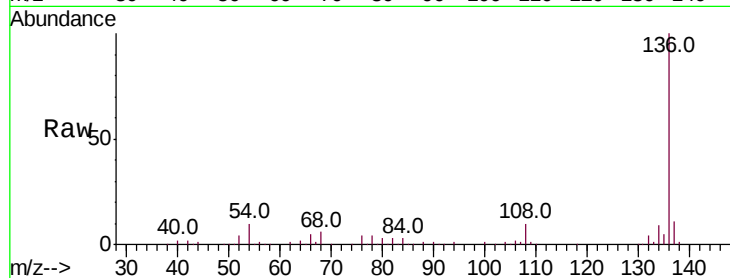




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037754.D
Acq: 2 Nov 2018 14:05

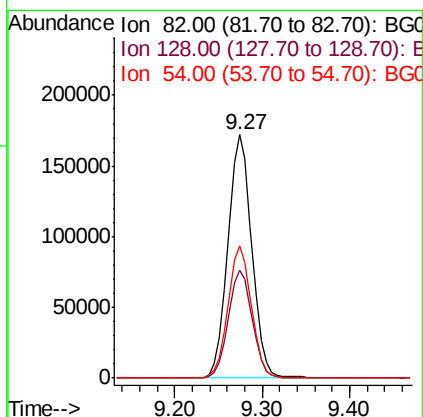
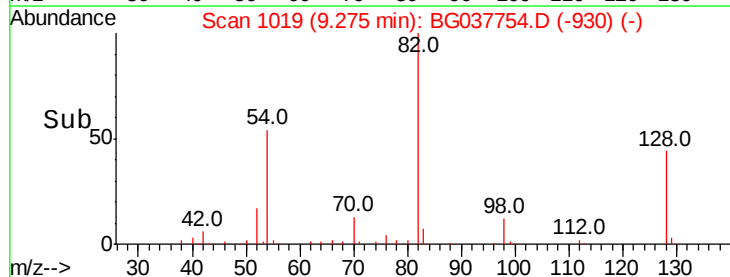
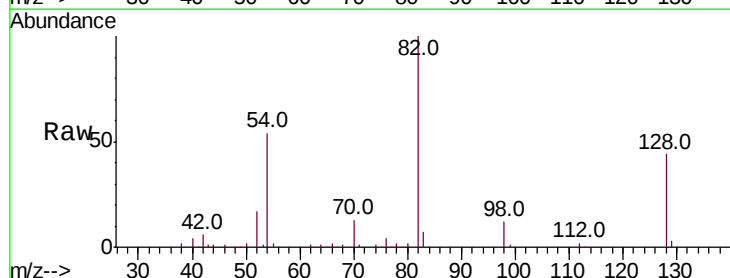
Instrument :
BNA_G
ClientSampleId :

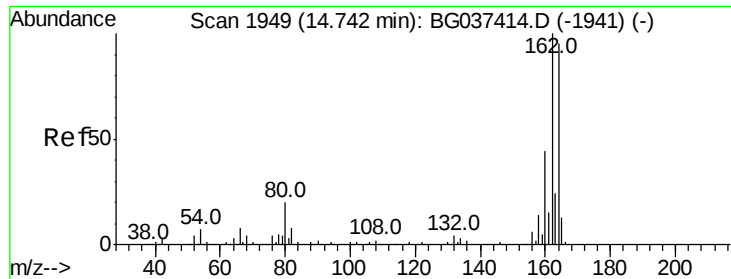
Tot Ion:	136	Resp:	258501
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.1	7.9	11.9
68	6.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 69.686 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037754.D
Acq: 2 Nov 2018 14:05

Tgt Ion:	82	Resp:	321568
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	54.3	45.3	67.9

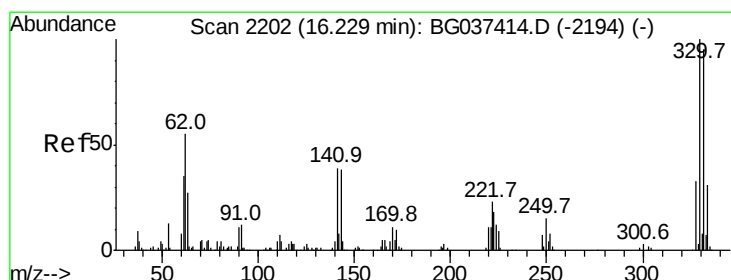
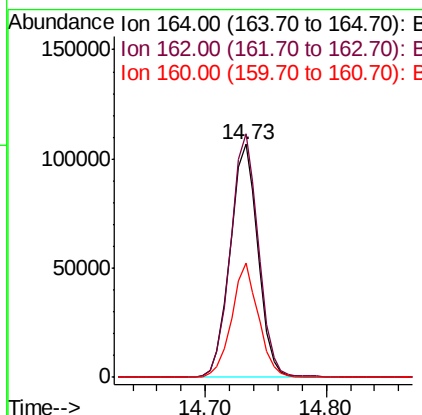
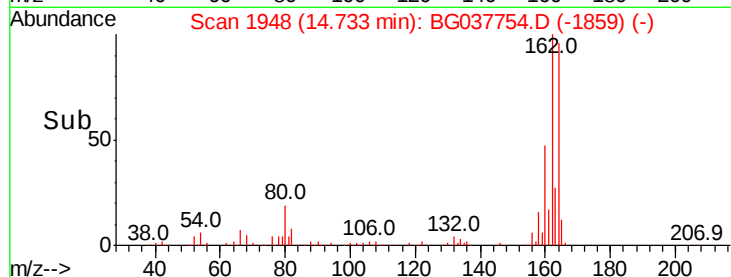
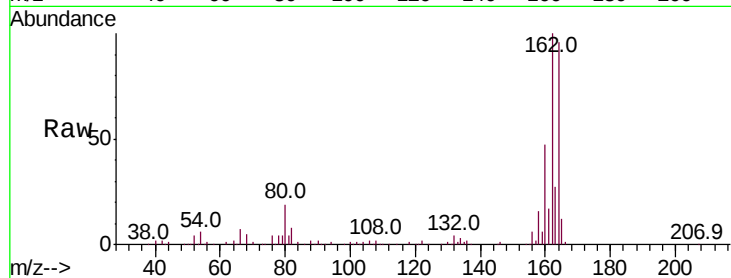




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037754.D
 Acq: 2 Nov 2018 14:05

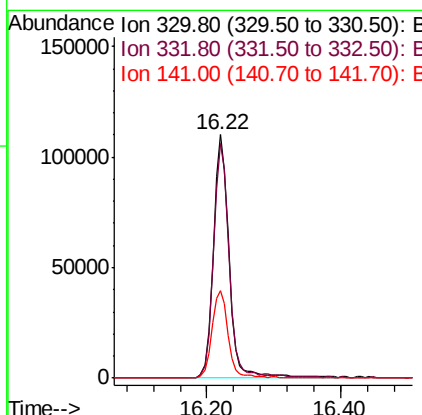
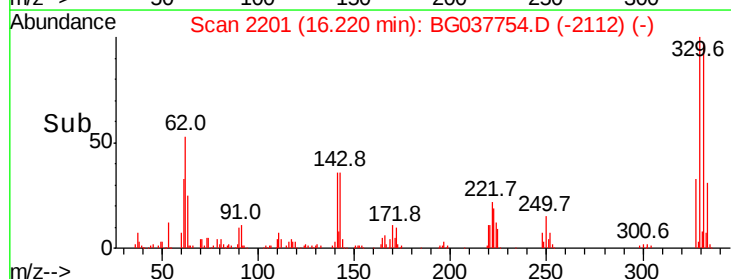
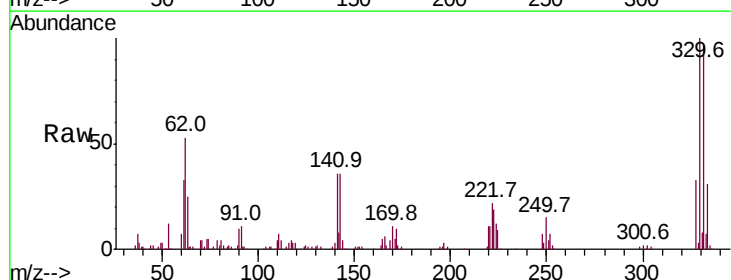
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 171351
 Ion Ratio Lower Upper
 164 100
 162 104.5 81.3 121.9
 160 48.9 36.3 54.5



#42
 2,4,6-Tribromophenol
 Concen: 98.089 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037754.D
 Acq: 2 Nov 2018 14:05

Tgt Ion:330 Resp: 183319
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.4 117.6
 141 36.5 32.2 48.2

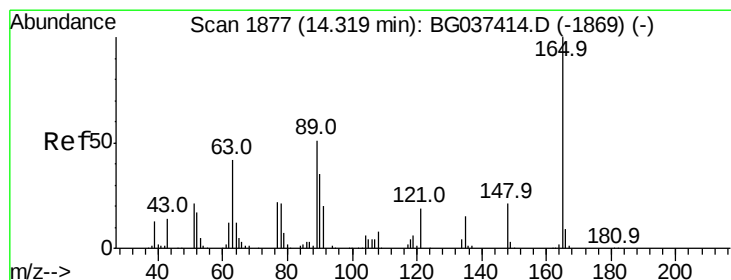
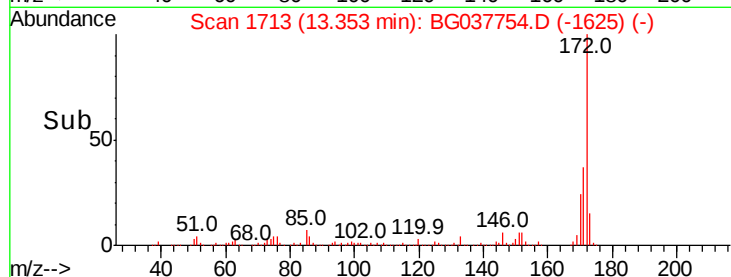
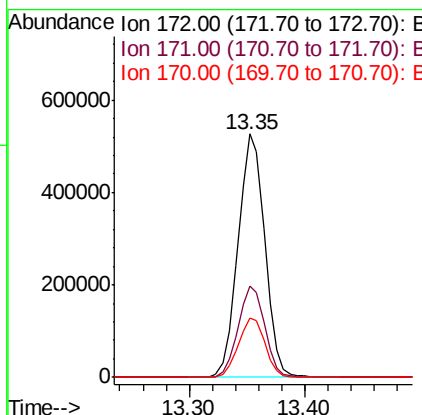
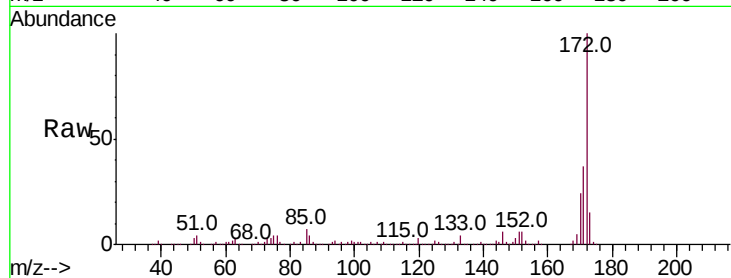




#45
2-Fluorobiphenyl
Concen: 74.164 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037754.D
Acq: 2 Nov 2018 14:05

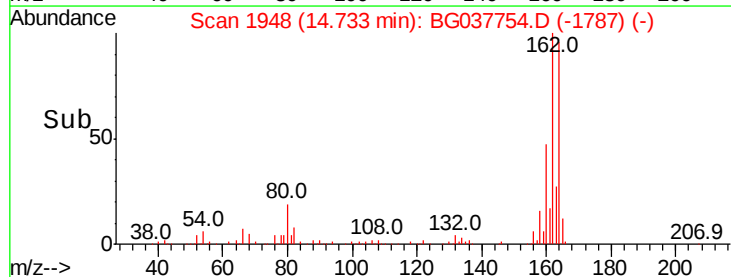
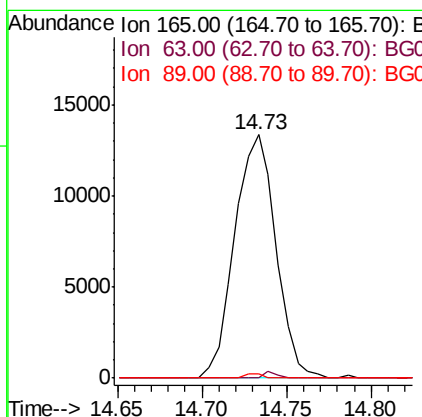
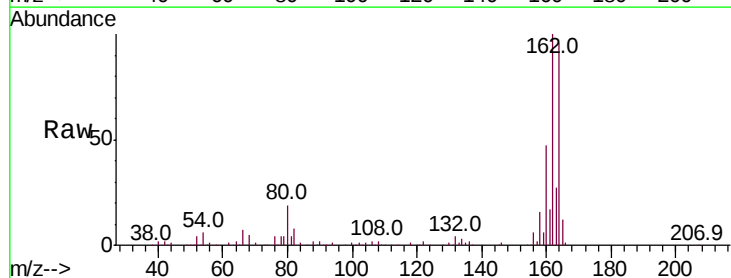
Instrument :
BNA_G
ClientSampleId :

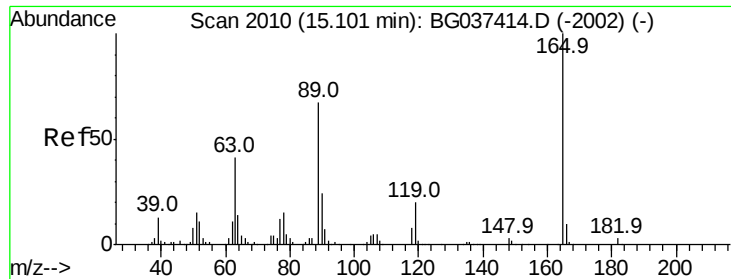
Tot Ion:172 Resp: 842740
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 24.4 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.724 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037754.D
Acq: 2 Nov 2018 14:05

Tgt Ion:165 Resp: 22652
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 1.7 45.8 68.6#

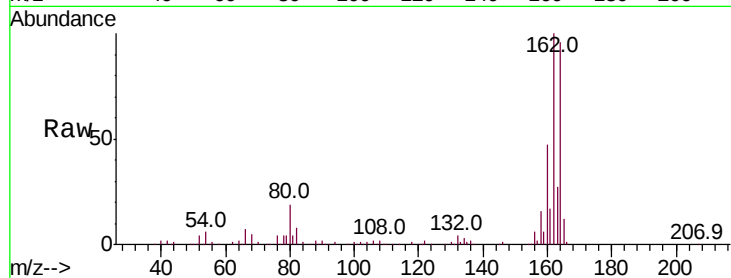




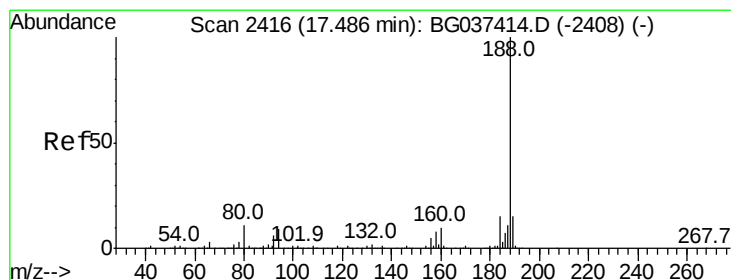
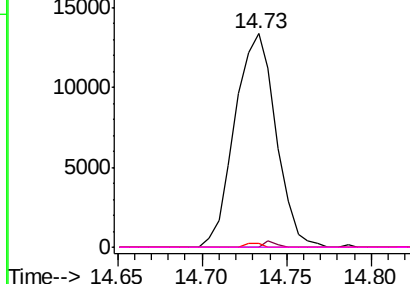
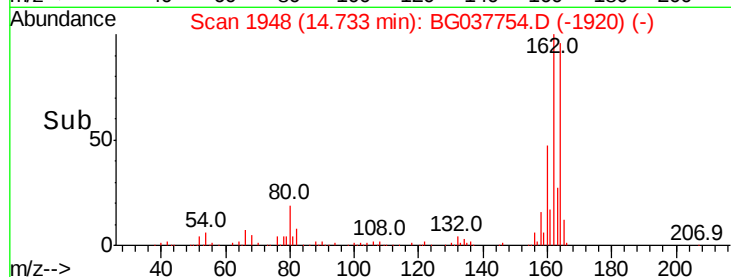
#57
 2,4-Dinitrotoluene
 Concen: 5.885 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037754.D
 Acq: 2 Nov 2018 14:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 22652
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 1.7 57.2 85.8#
 182 0.0 2.6 4.0#

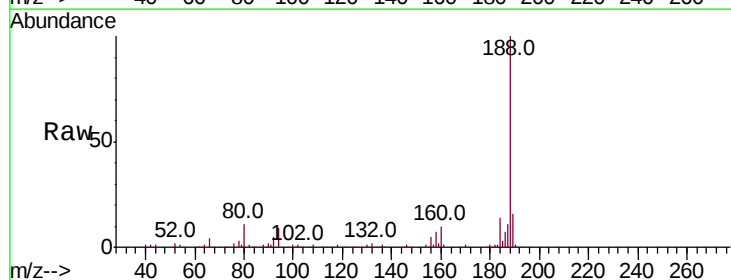


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

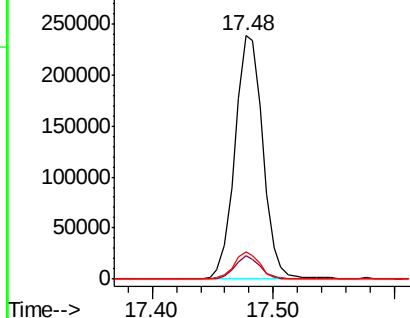
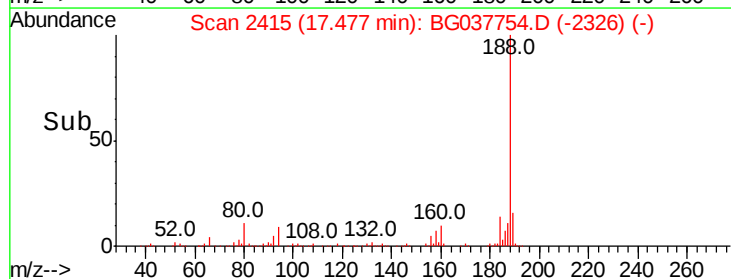


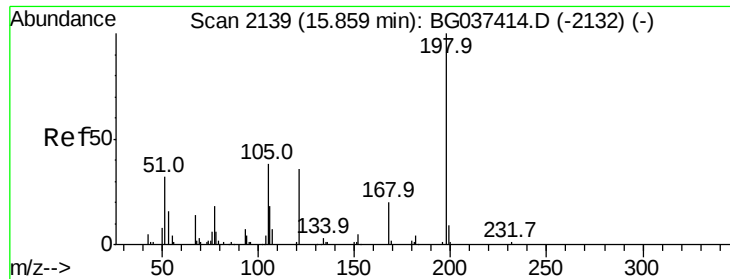
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037754.D
 Acq: 2 Nov 2018 14:05

Tgt Ion:188 Resp: 385051
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.2 10.8
 80 11.0 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: 8.725 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037754.D

Acq: 2 Nov 2018 14:05

Instrument :

BNA_G

ClientSampleId :

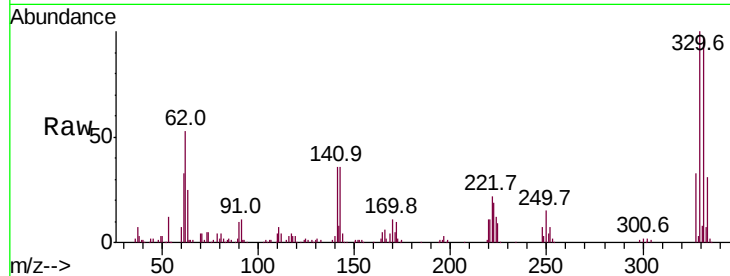
Tot Ion:198 Resp: 534

Ion Ratio Lower Upper

198 100

51 23.3 22.7 62.7

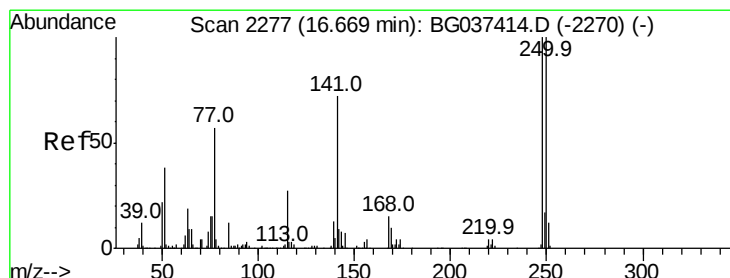
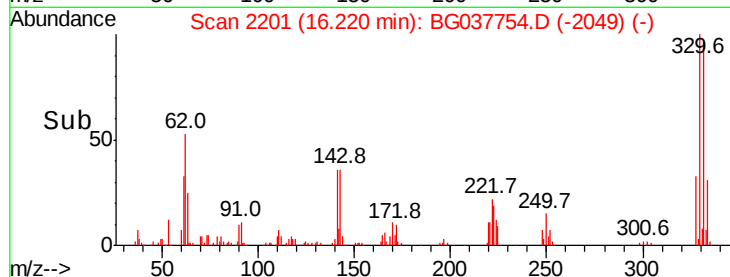
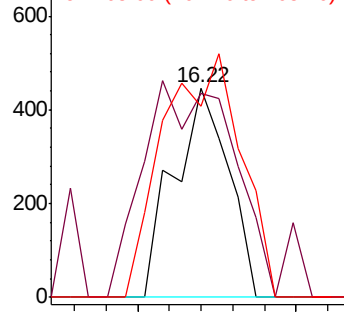
105 21.9 19.7 59.7



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: 3.281 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037754.D

Acq: 2 Nov 2018 14:05

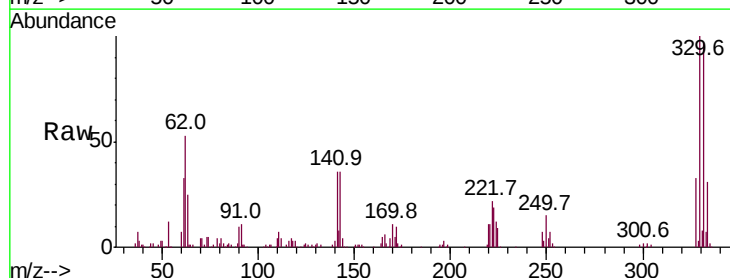
Tgt Ion:248 Resp: 13874

Ion Ratio Lower Upper

248 100

250 196.7 77.0 115.6#

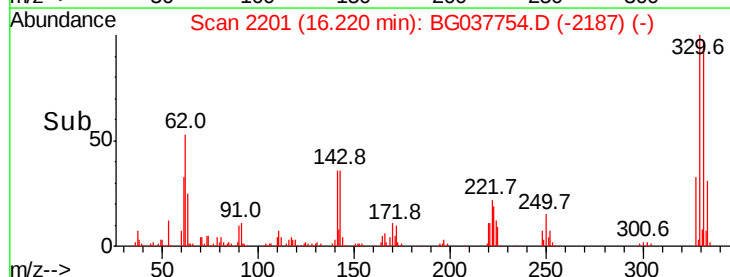
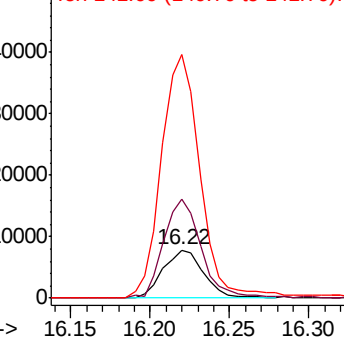
141 370.1 55.5 83.3#

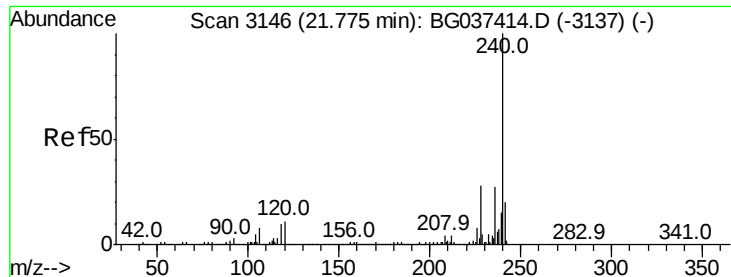


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG037754.D

Acq: 2 Nov 2018 14:05

Instrument :

BNA_G

ClientSampleId :

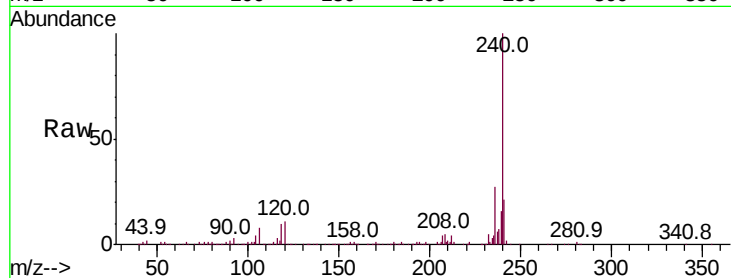
Tot Ion:240 Resp: 345062

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

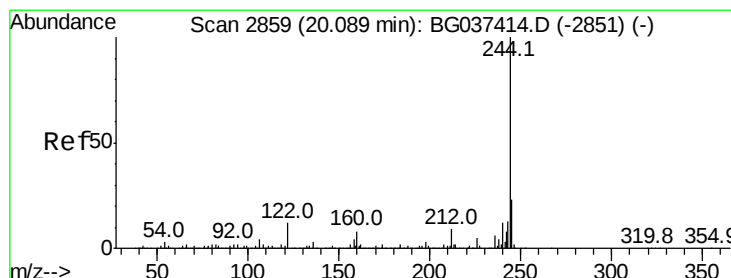
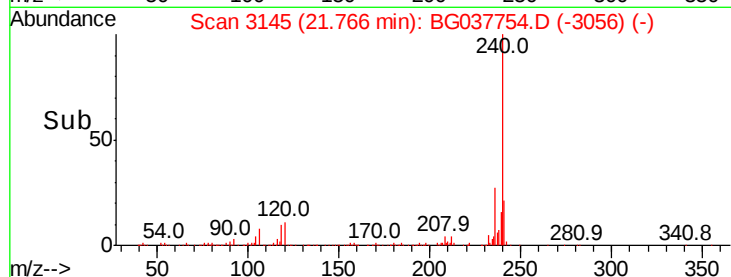
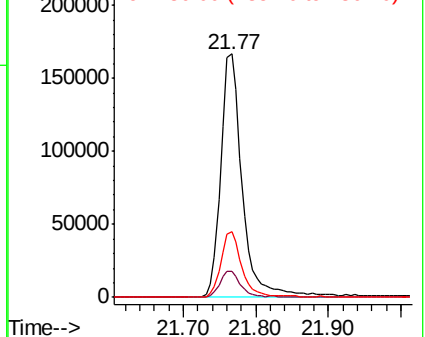
236 27.1 21.4 32.0



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: 74.644 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037754.D

Acq: 2 Nov 2018 14:05

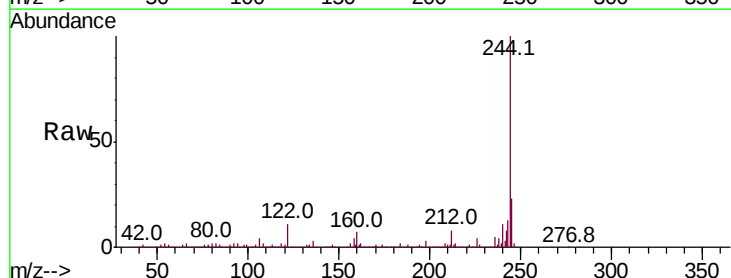
Tgt Ion:244 Resp: 1205412

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

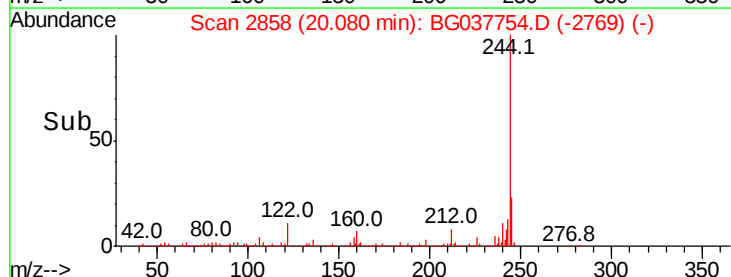
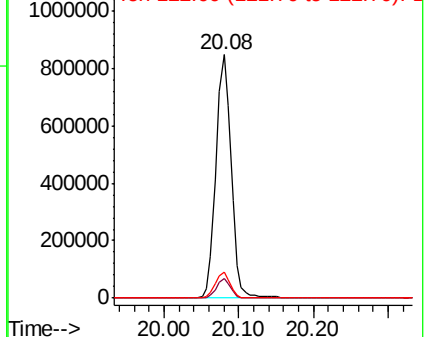
122 10.5 9.0 13.4

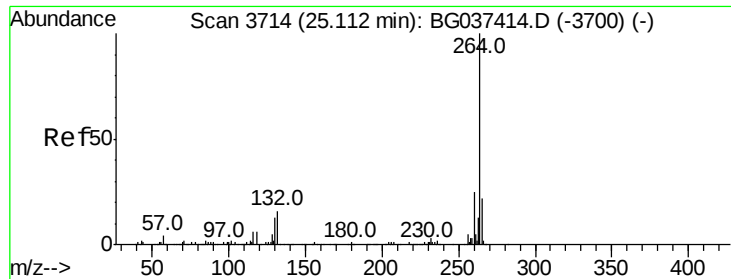


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

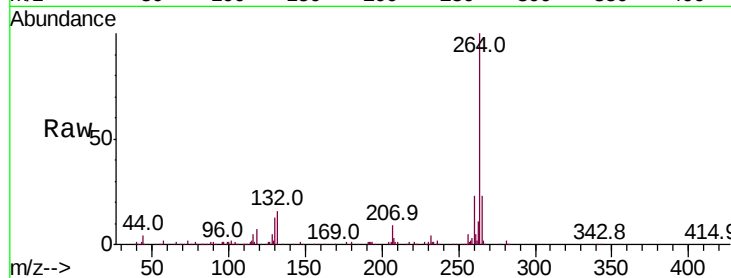




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG037754.D
 Acq: 2 Nov 2018 14:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	23.2	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

