

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037594.D
 Acq On : 26 Oct 2018 23:43
 Operator : JU/SJ
 Sample : PB114204BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 27 03:42:06 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

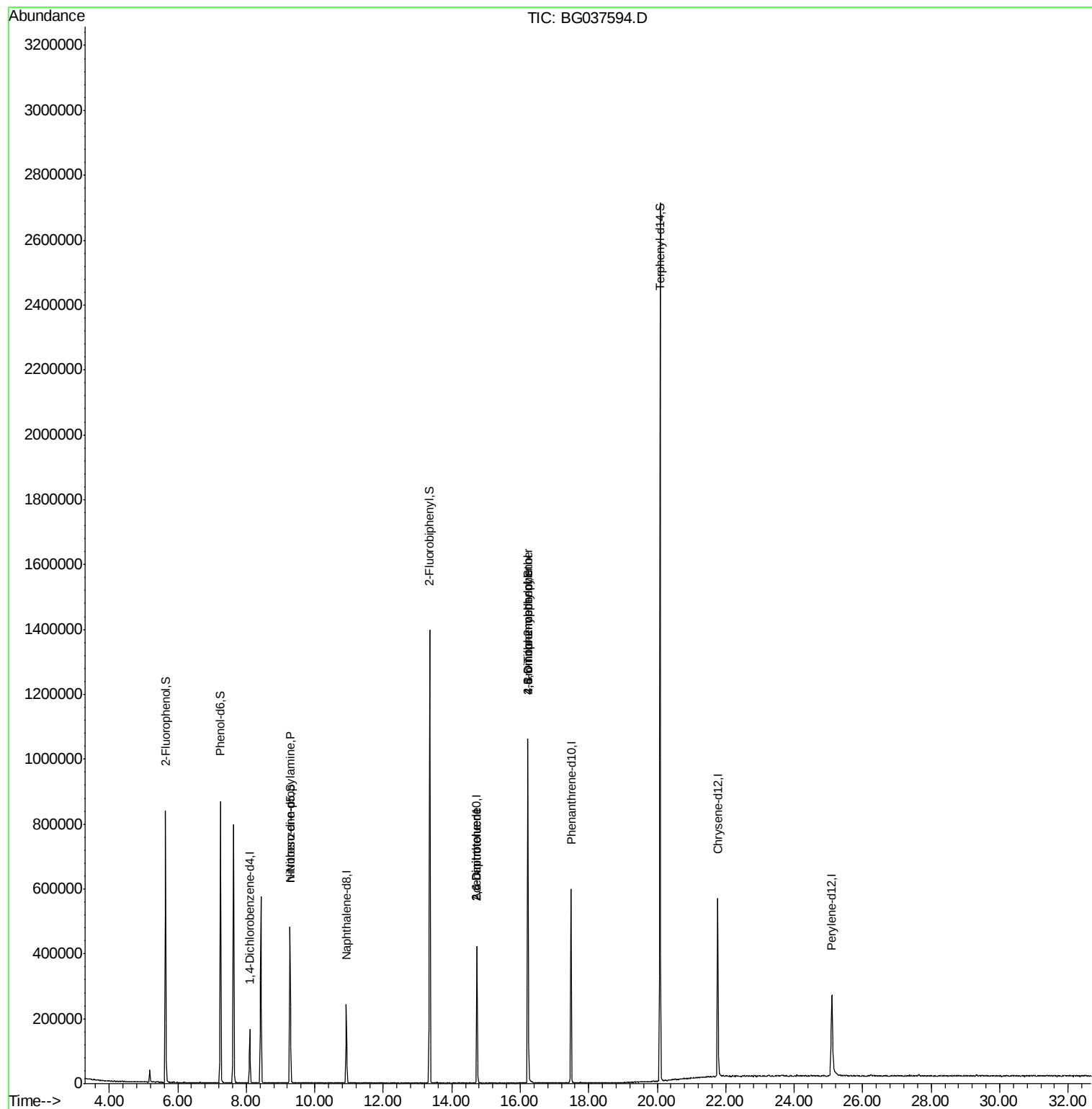
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51639	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	220329	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	149002	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	384861	20.00	ng	0.00
76) Chrysene-d12	21.77	240	358613	20.00	ng	0.00
87) Perylene-d12	25.09	264	334201	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	380441	123.17	ng	0.00
7) Phenol-d6	7.25	99	544004	116.48	ng	0.00
23) Nitrobenzene-d5	9.28	82	311582	79.22	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	199529	122.78	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	781836	79.12	ng	0.00
79) Terphenyl-d14	20.08	244	1290513	76.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	38490	11.968	ng	# 73
51) 2,6-Dinitrotoluene	14.73	165	19161	7.514	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	19161	5.724	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	602	8.753	ng	78
67) 4-Bromophenyl-phenylether	16.22	248	13874	3.283	ng	# 1

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

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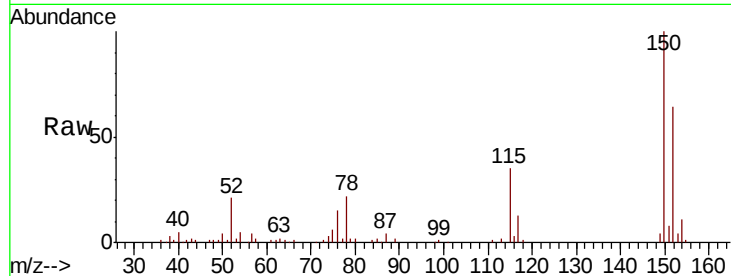


#1

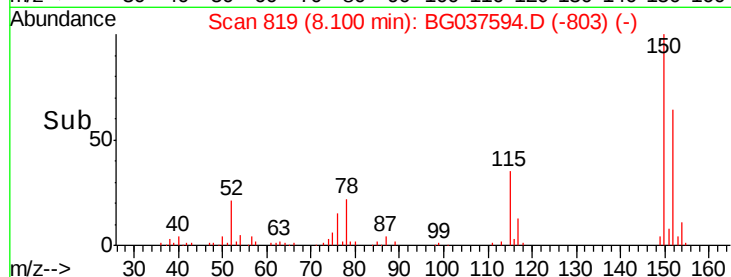
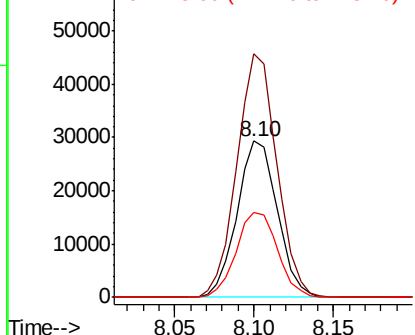
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037594.D
Acq: 26 Oct 2018 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51639
Ion Ratio Lower Upper
152 100
150 156.0 126.0 189.0
115 54.6 45.5 68.3



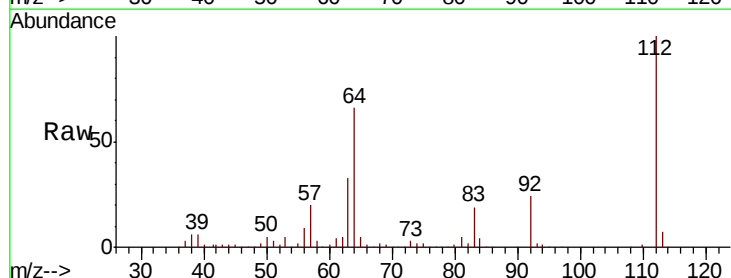
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



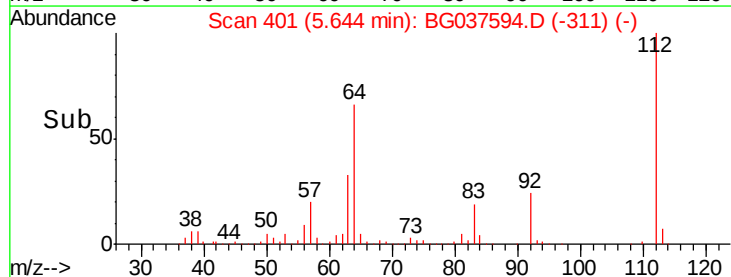
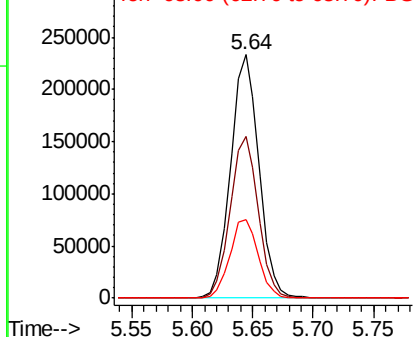
#5

2-Fluorophenol
Concen: 123.171 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037594.D
Acq: 26 Oct 2018 23:43

Tgt Ion:112 Resp: 380441
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 32.5 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: 116.476 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037594.D

Acq: 26 Oct 2018 23:43

Instrument :

BNA_G

ClientSampleId :

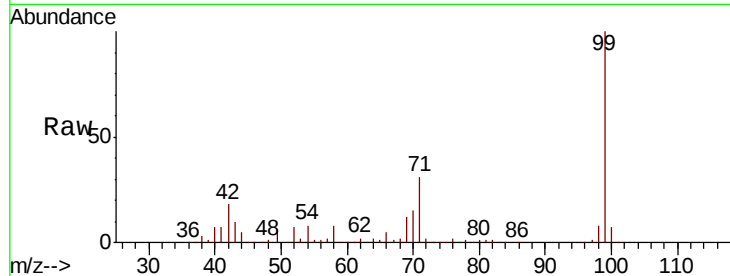
Tot Ion: 99 Resp: 544004

Ion Ratio Lower Upper

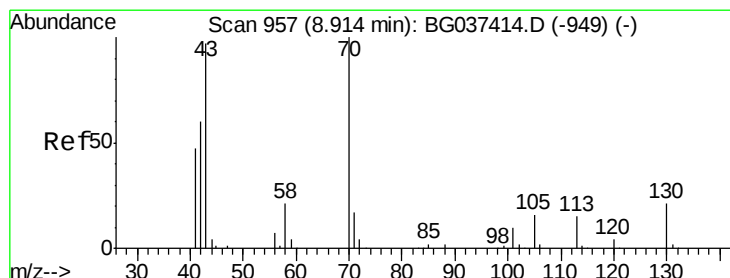
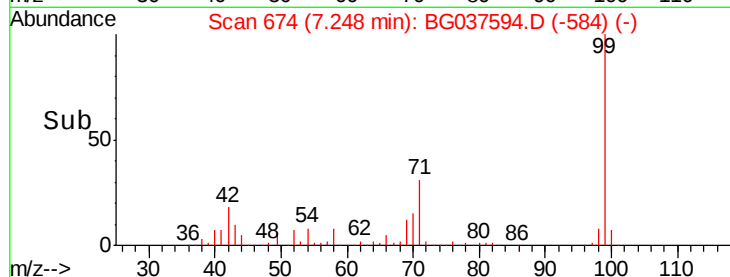
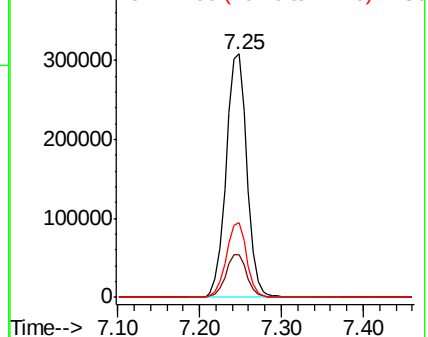
99 100

42 17.7 15.0 22.4

71 30.6 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: 11.968 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037594.D

Acq: 26 Oct 2018 23:43

Tgt Ion: 70 Resp: 38490

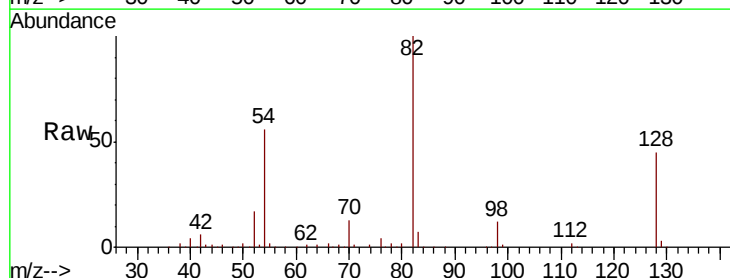
Ion Ratio Lower Upper

70 100

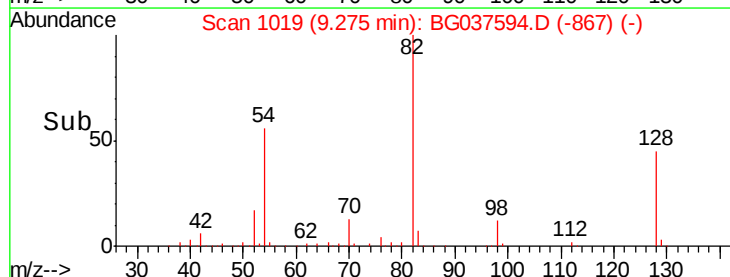
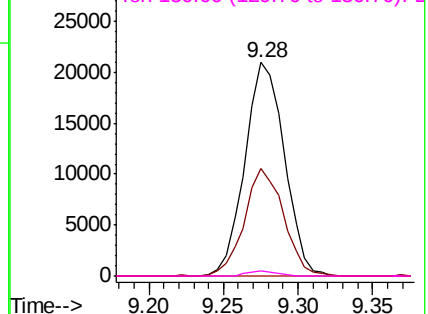
42 50.3 53.9 80.9#

101 0.0 8.2 12.2#

130 2.2 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

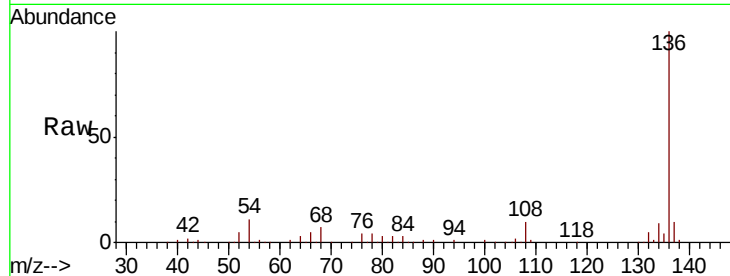




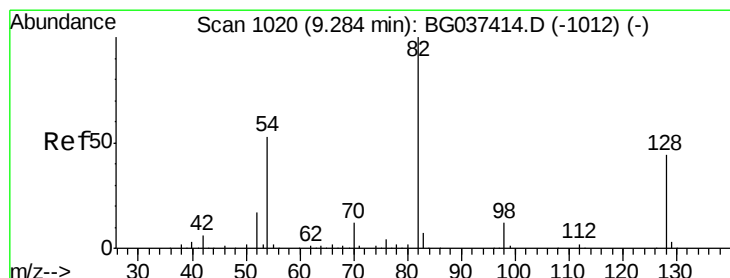
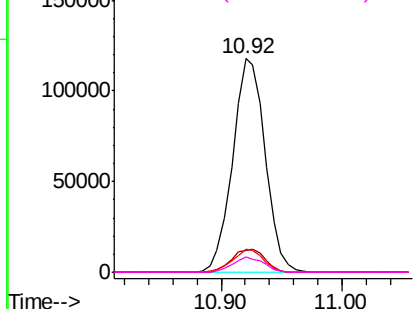
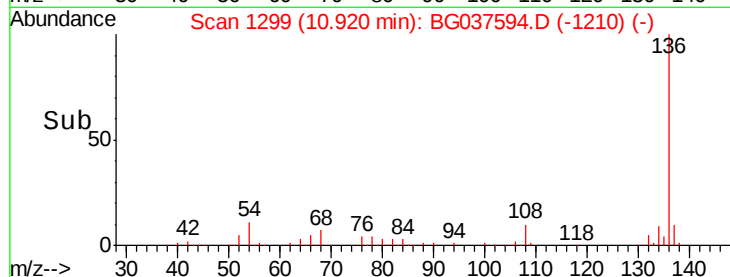
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037594.D
Acq: 26 Oct 2018 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	220329
Ion Ratio	Lower	Upper
136 100		
137 10.5	9.6	14.4
54 10.7	7.9	11.9
68 6.9	4.8	7.2

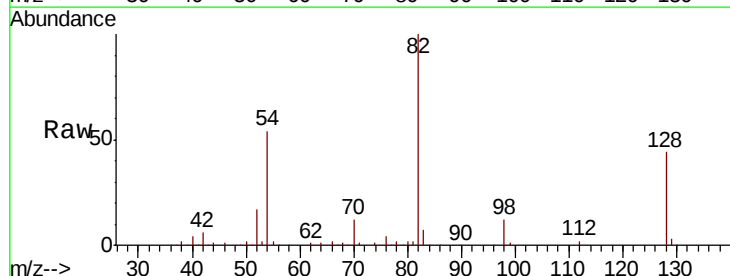


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

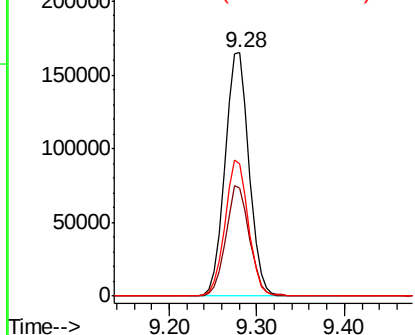
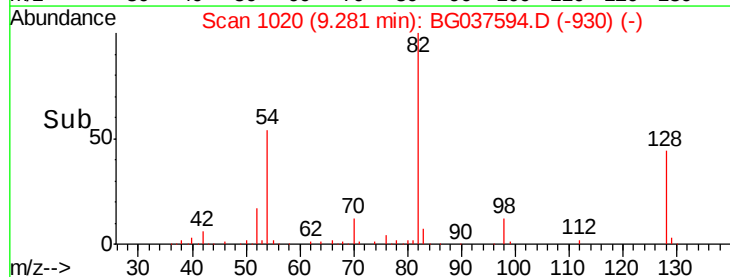


#23
Nitrobenzene-d5
Concen: 79.220 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037594.D
Acq: 26 Oct 2018 23:43

Tgt Ion: 82	Resp: 311582
Ion Ratio	Lower Upper
82 100	
128 44.4	34.6 51.8
54 54.4	45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037594.D

Acq: 26 Oct 2018 23:43

Instrument :

BNA_G

ClientSampleId :

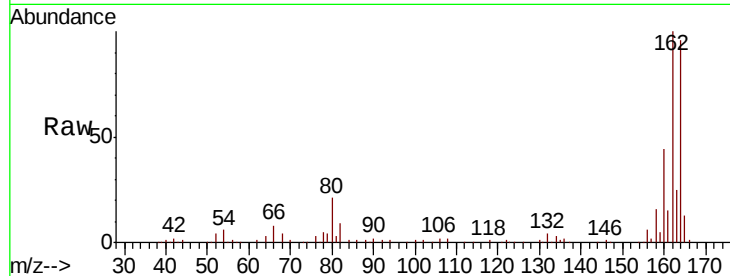
Tot Ion:164 Resp: 149002

Ion Ratio Lower Upper

164 100

162 104.6 81.3 121.9

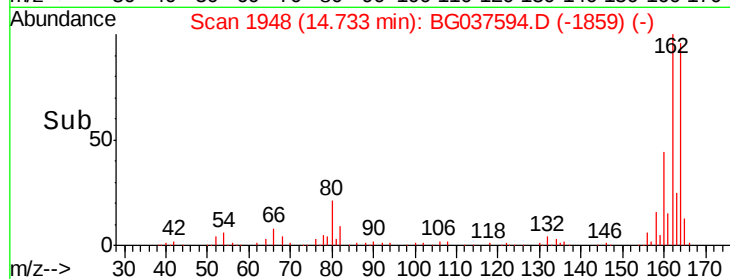
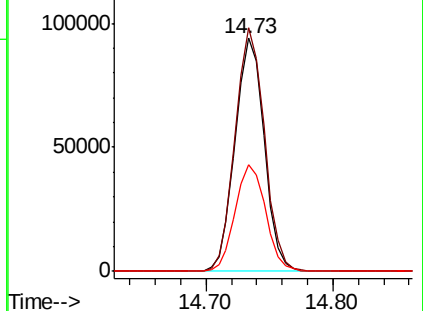
160 45.6 36.3 54.5



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: 122.776 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037594.D

Acq: 26 Oct 2018 23:43

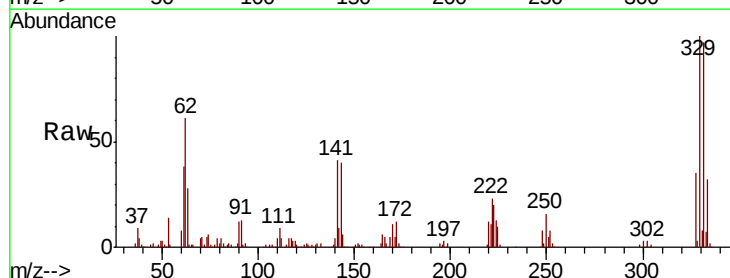
Tgt Ion:330 Resp: 199529

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

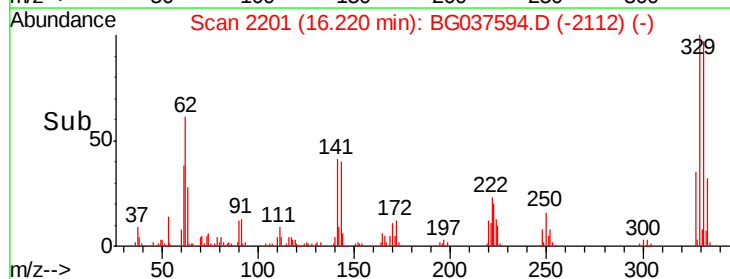
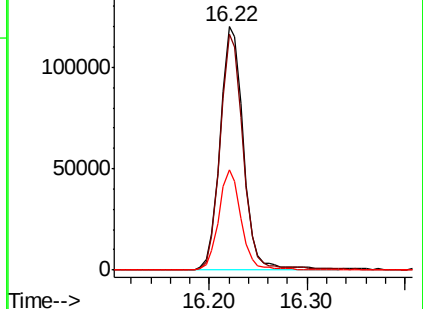
141 39.3 32.2 48.2



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

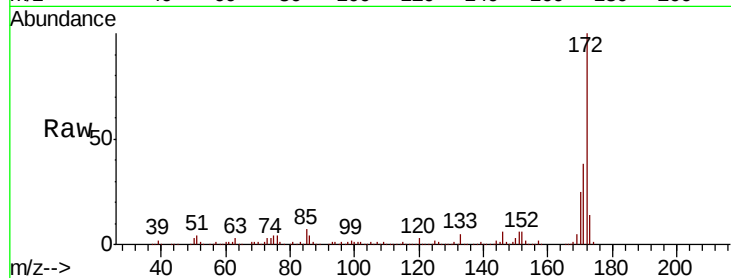




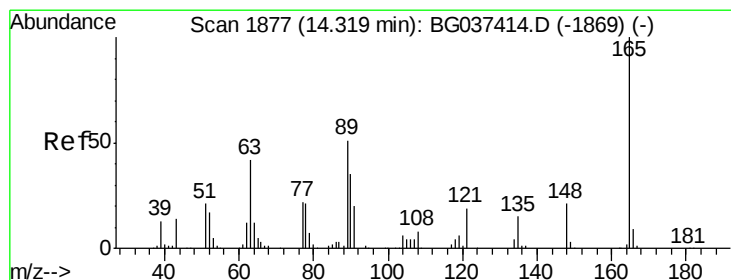
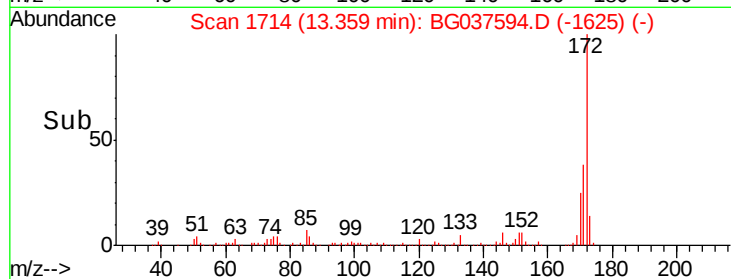
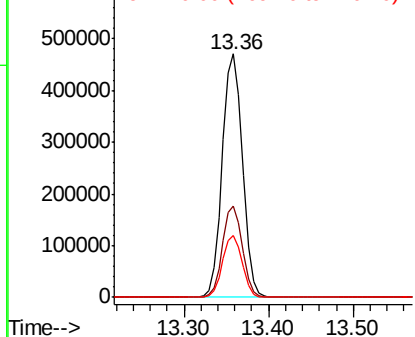
#45
 2-Fluorobiphenyl
 Concen: 79.124 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037594.D
 Acq: 26 Oct 2018 23:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 781836
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.0 46.4
 170 25.2 20.2 30.2

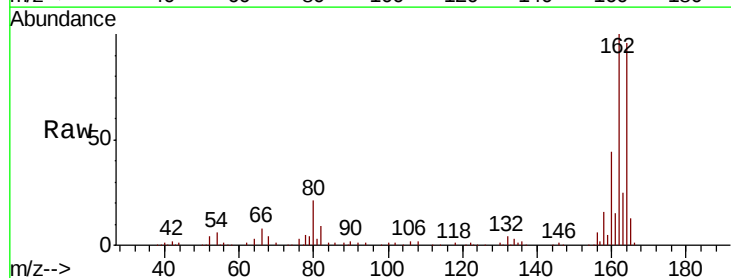


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

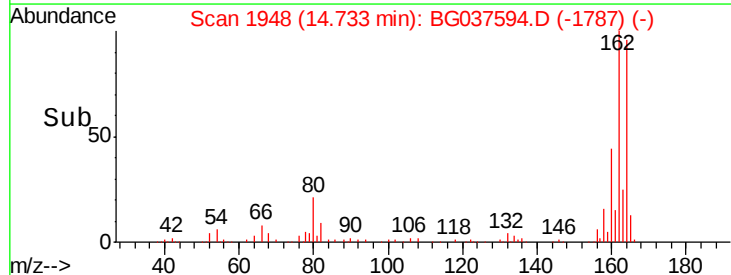
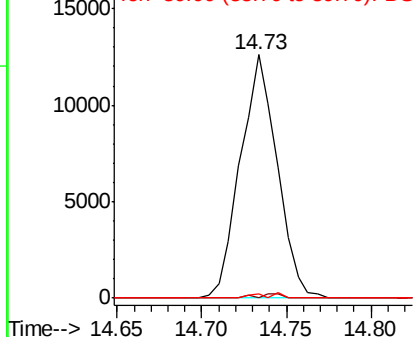


#51
 2,6-Dinitrotoluene
 Concen: 7.514 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037594.D
 Acq: 26 Oct 2018 23:43

Tgt Ion:165 Resp: 19161
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 1.8 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

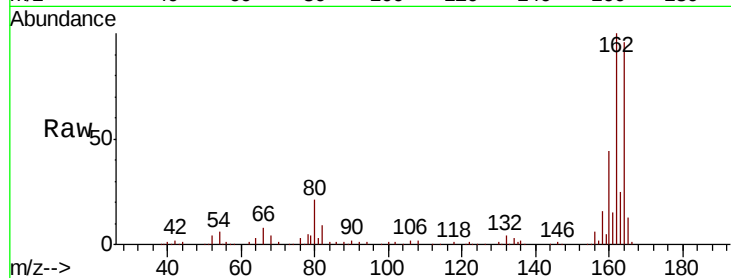




#57
 2,4-Dinitrotoluene
 Concen: 5.724 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037594.D
 Acq: 26 Oct 2018 23:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#



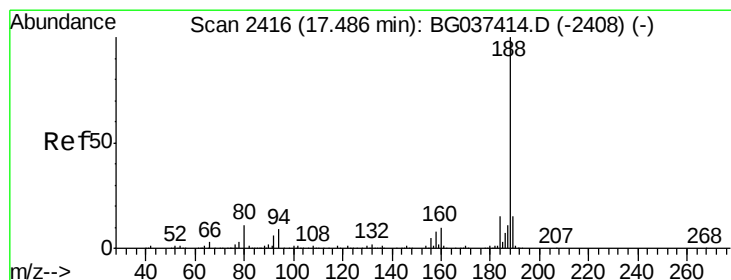
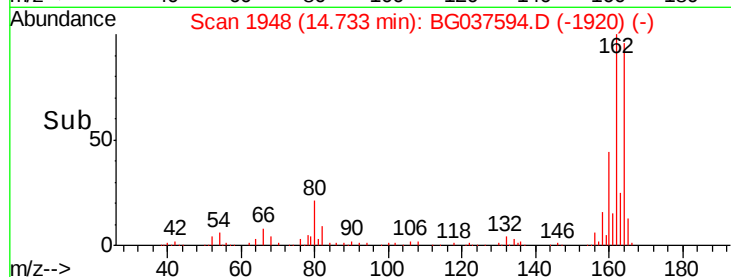
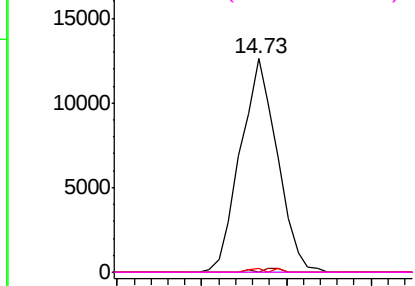
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

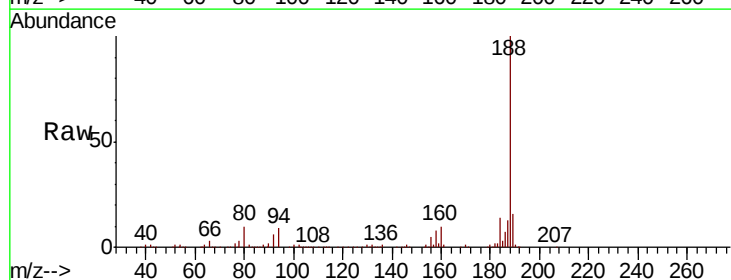
Ion 89.00 (88.70 to 89.70): BGC

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: BG037594.D
 Acq: 26 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.5	7.7	11.5

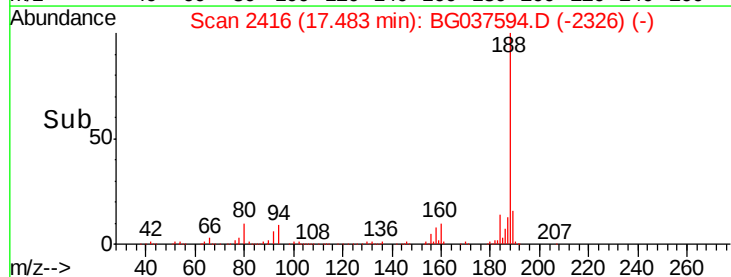
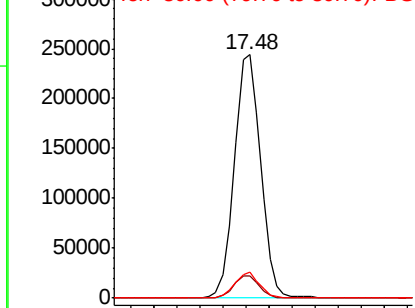


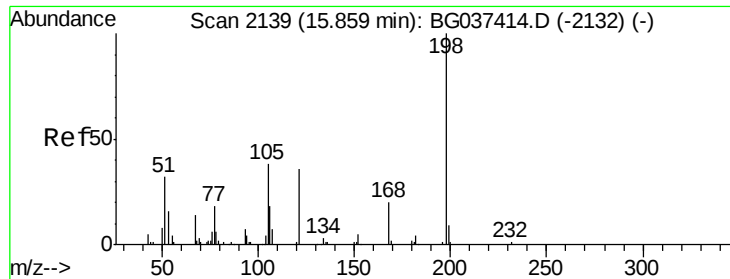
Abundance

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: 8.753 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037594.D

Acq: 26 Oct 2018 23:43

Instrument :

BNA_G

ClientSampleId :

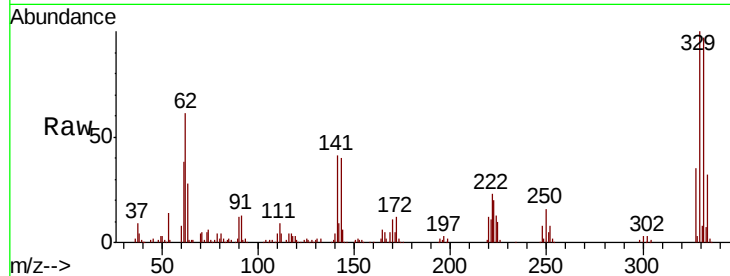
Tot Ion:198 Resp: 602

Ion Ratio Lower Upper

198 100

51 33.7 22.7 62.7

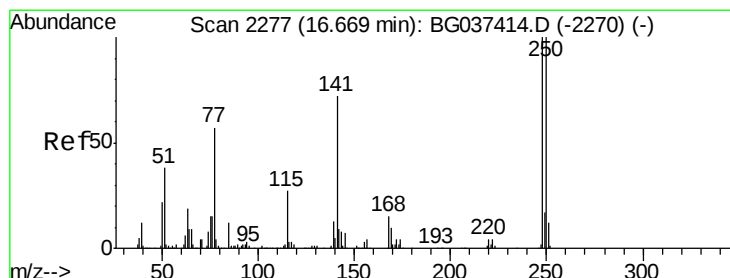
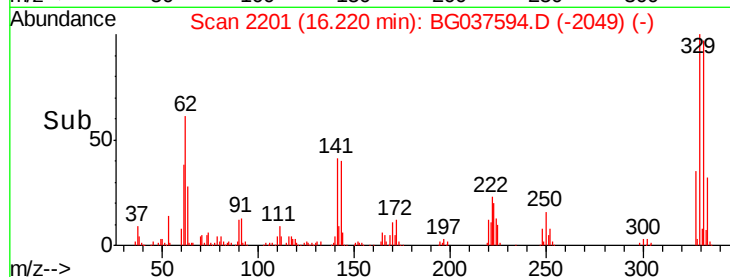
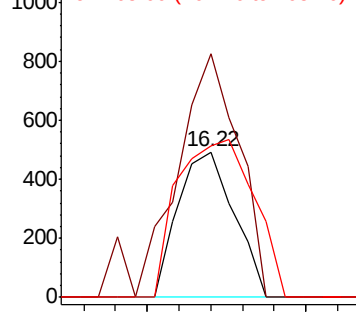
105 20.9 19.7 59.7



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: 3.283 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037594.D

Acq: 26 Oct 2018 23:43

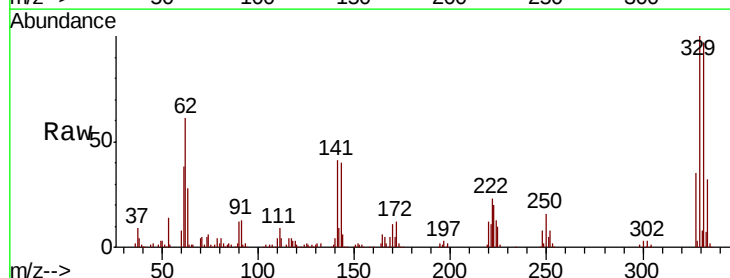
Tgt Ion:248 Resp: 13874

Ion Ratio Lower Upper

248 100

250 203.8 77.0 115.6#

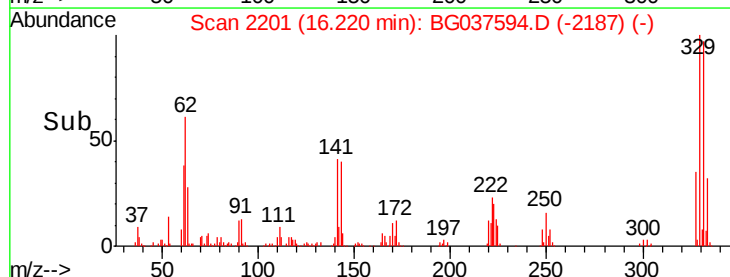
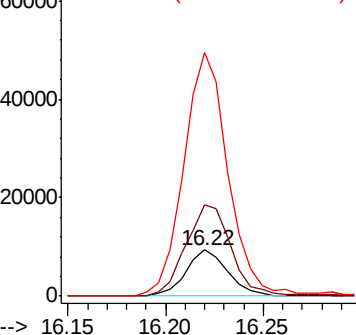
141 410.4 55.5 83.3#

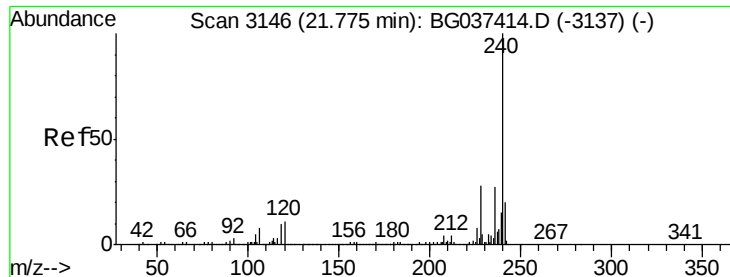


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

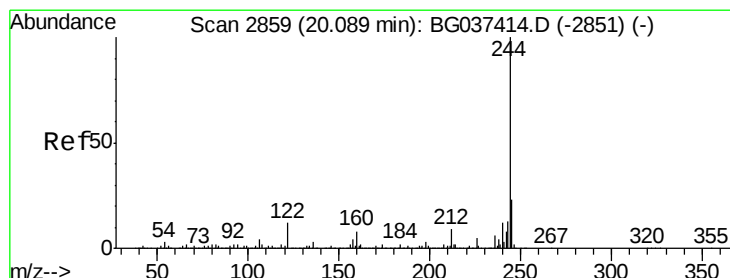
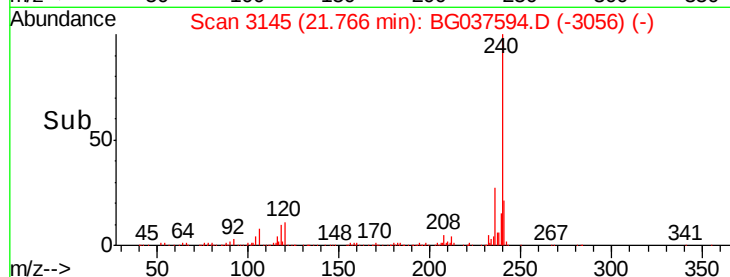
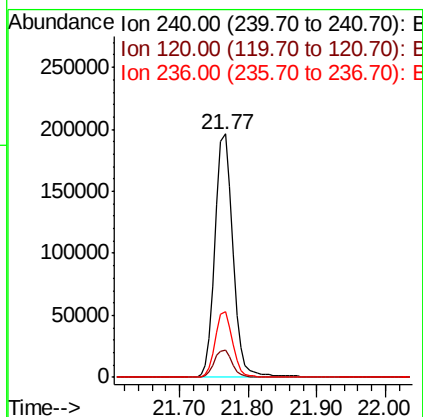
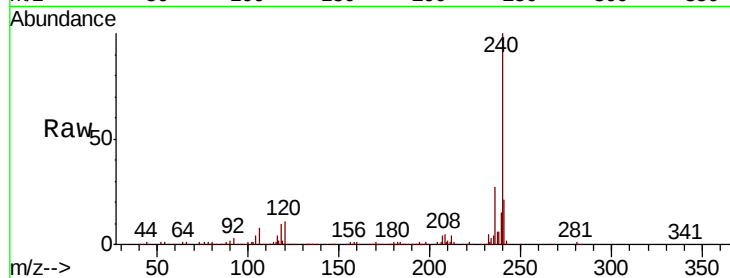




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037594.D
 Acq: 26 Oct 2018 23:43

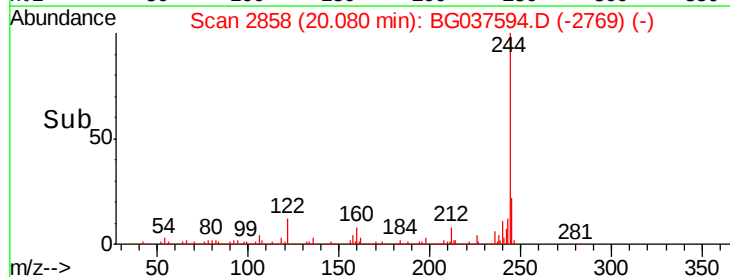
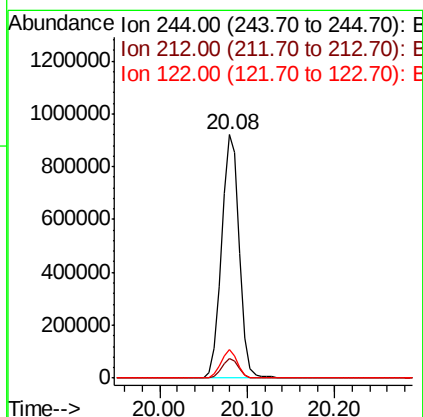
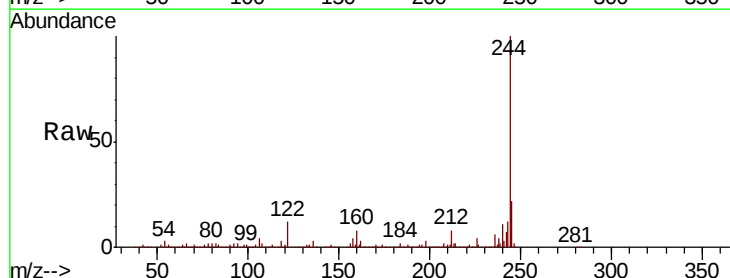
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:240 Resp: 358613
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 26.8 21.4 32.0



#79
 Terphenyl-d14
 Concen: 76.894 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037594.D
 Acq: 26 Oct 2018 23:43

Tgt Ion:244 Resp: 1290513
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 11.7 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037594.D
Acq: 26 Oct 2018 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.0	17.9	26.9

