

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037539.D
 Acq On : 25 Oct 2018 9:49
 Operator : JU/SJ
 Sample : PB114090BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 10:36:27 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

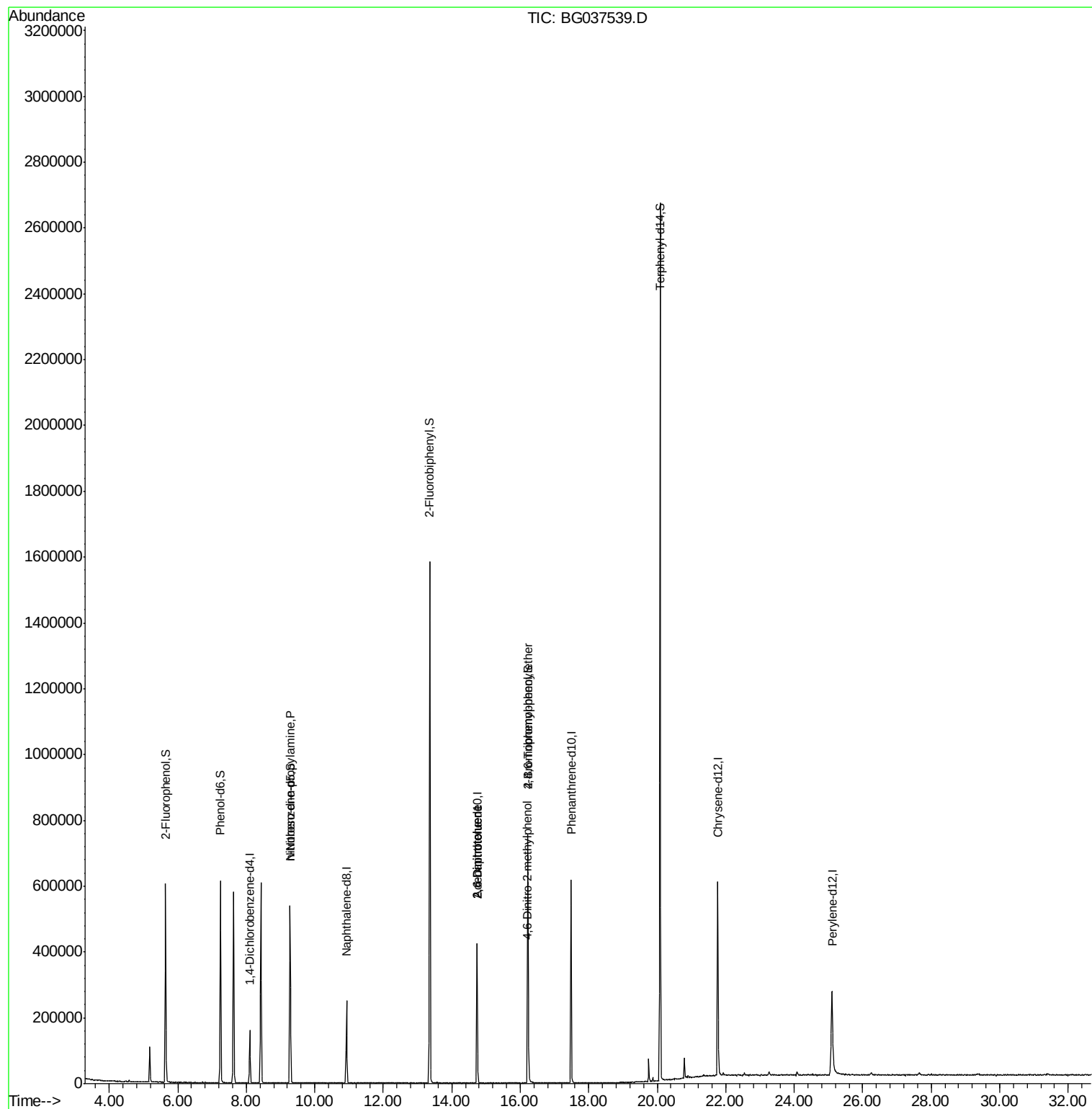
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48248	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	222717	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	156375	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	397489	20.00	ng	0.00
76) Chrysene-d12	21.77	240	375997	20.00	ng	0.00
87) Perylene-d12	25.10	264	352149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	277651	96.21	ng	0.00
7) Phenol-d6	7.25	99	399134	91.46	ng	0.00
23) Nitrobenzene-d5	9.28	82	332584	83.65	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	146019	85.61	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	870613	83.95	ng	0.00
79) Terphenyl-d14	20.08	244	1325958	75.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	42380	14.103	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	19998	7.473	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	19998	5.693	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.20	198	531	8.717	ng	# 63
67) 4-Bromophenyl-phenylether	16.22	248	10221	2.342	ng	# 1

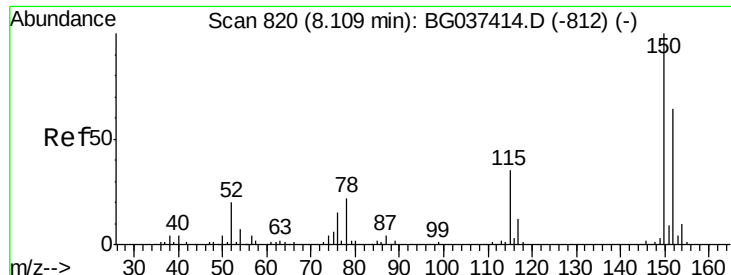
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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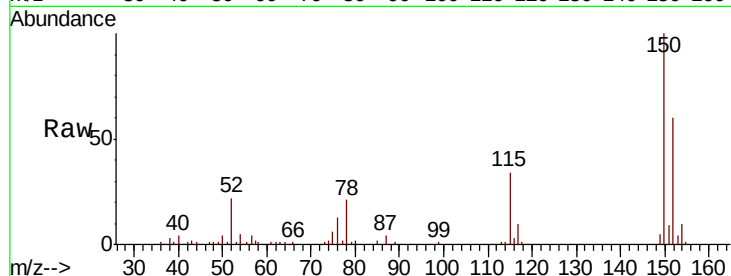


#1

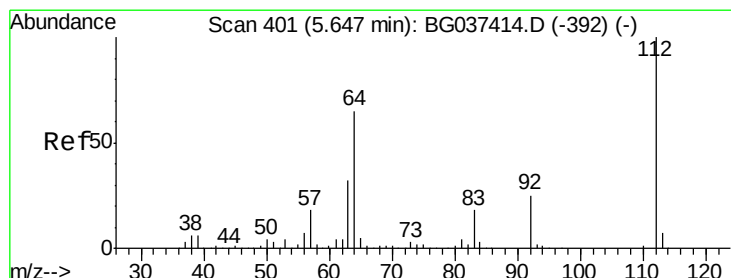
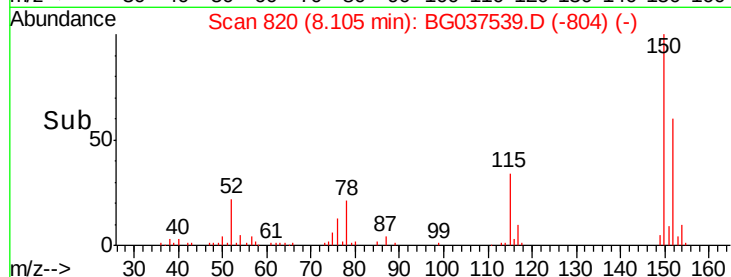
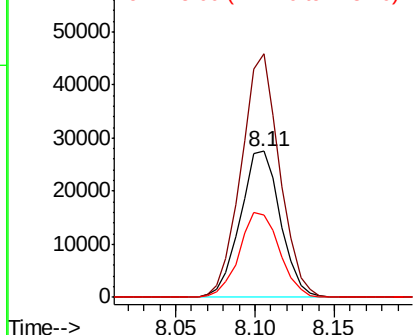
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037539.D
Acq: 25 Oct 2018 9:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 48248
Ion Ratio Lower Upper
152 100
150 167.0 126.0 189.0
115 56.6 45.5 68.3



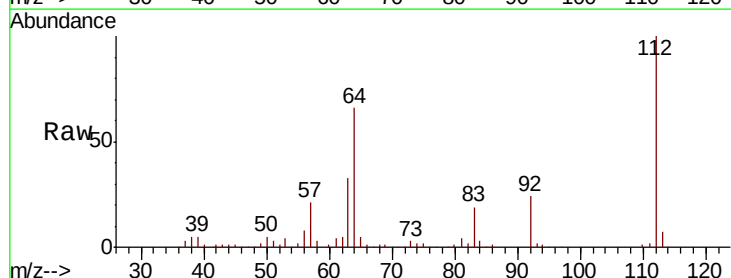
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



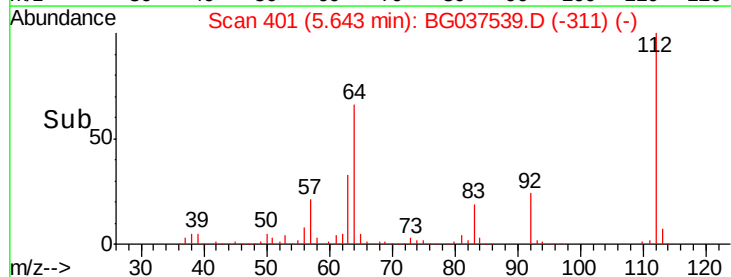
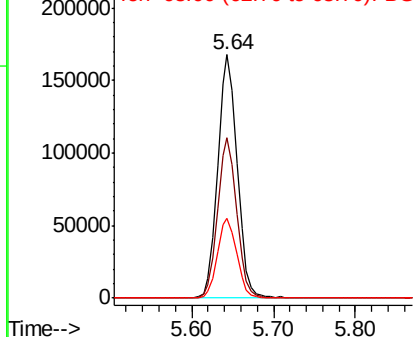
#5

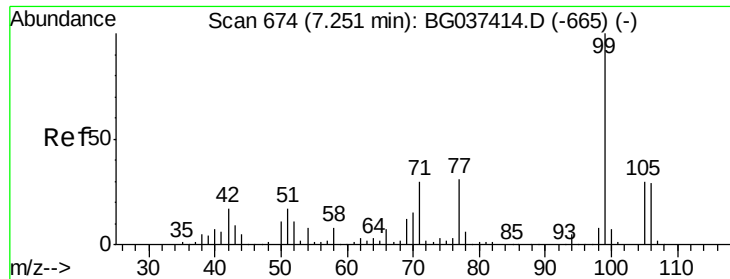
2-Fluorophenol
Concen: 96.210 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037539.D
Acq: 25 Oct 2018 9:49

Tgt Ion:112 Resp: 277651
Ion Ratio Lower Upper
112 100
64 66.0 53.1 79.7
63 32.7 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: 91.464 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037539.D

Acq: 25 Oct 2018 9:49

Instrument :

BNA_G

ClientSampled :

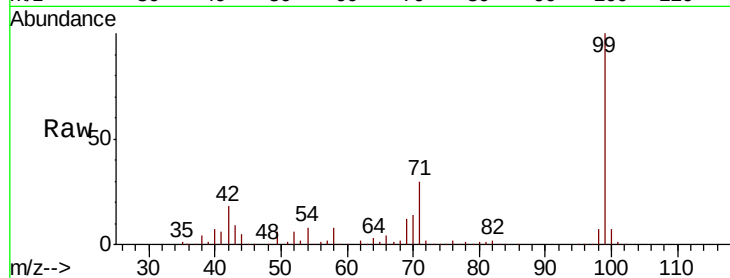
Tot Ion: 99 Resp: 399134

Ion Ratio Lower Upper

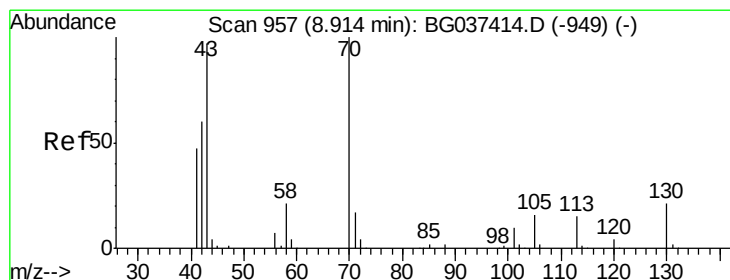
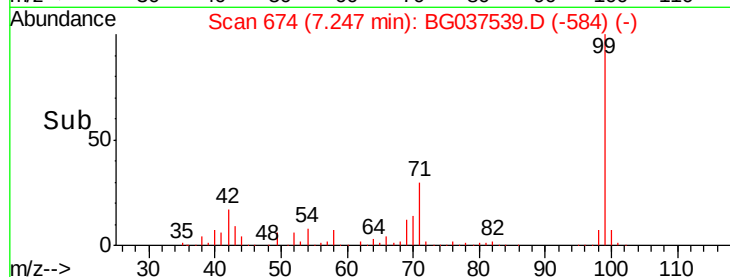
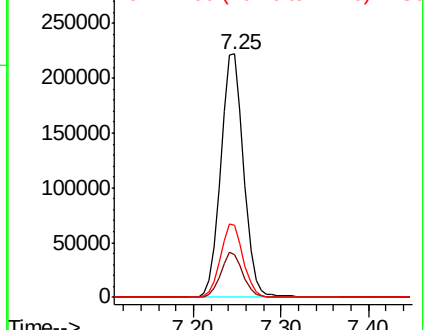
99 100

42 17.5 15.0 22.4

71 29.6 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: 14.103 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037539.D

Acq: 25 Oct 2018 9:49

Tgt Ion: 70 Resp: 42380

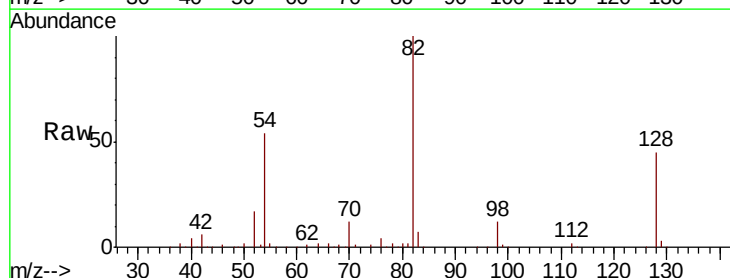
Ion Ratio Lower Upper

70 100

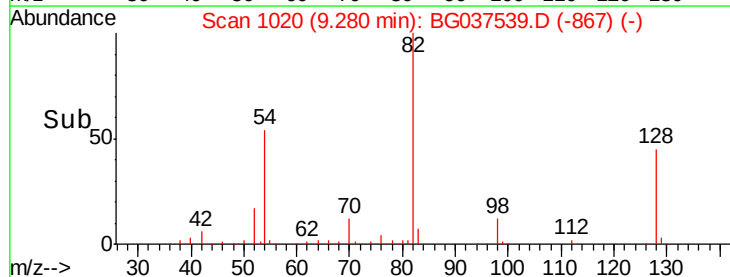
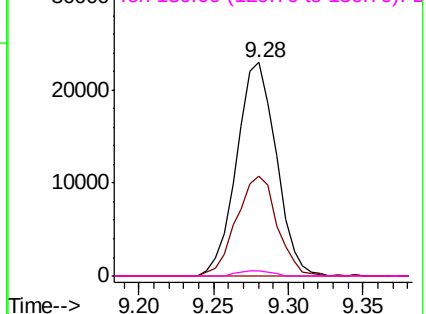
42 46.8 53.9 80.9#

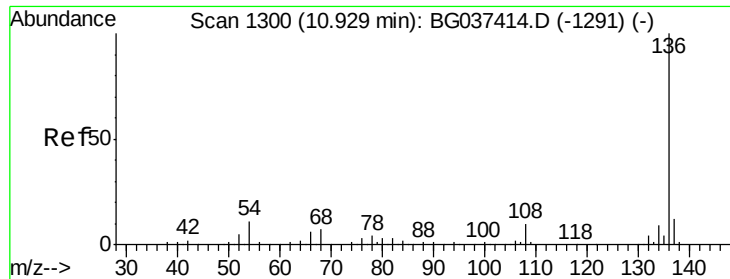
101 0.0 8.2 12.2#

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

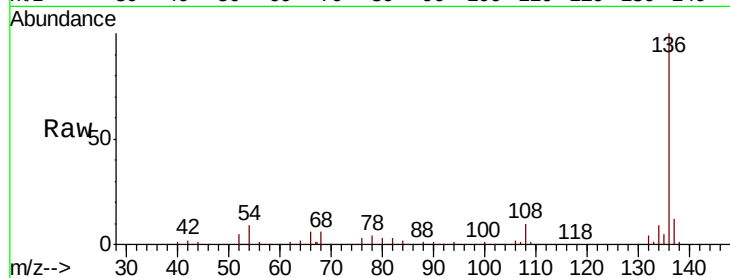




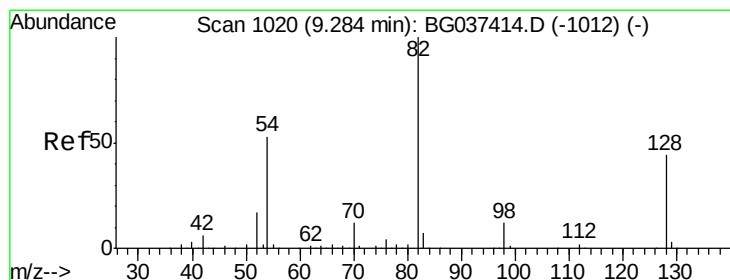
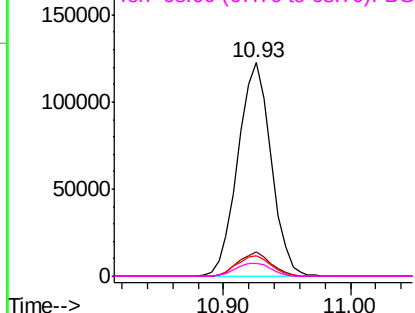
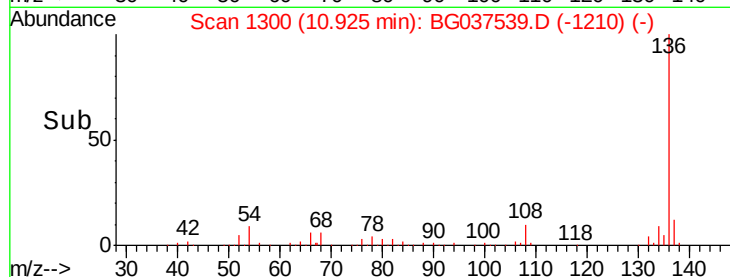
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037539.D
Acq: 25 Oct 2018 9:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	222717
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.6 14.4
54	9.4	7.9 11.9
68	6.1	4.8 7.2

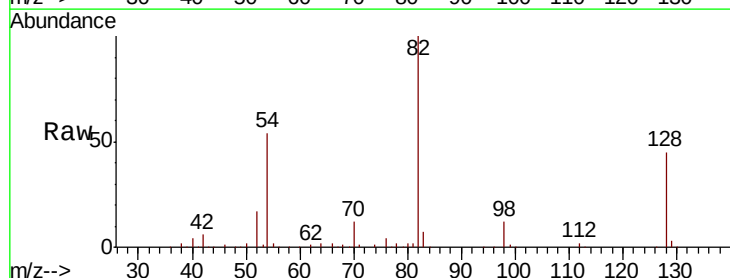


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

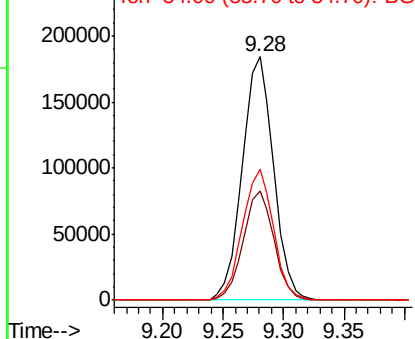
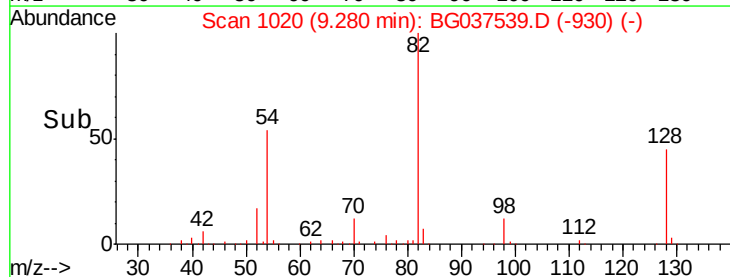


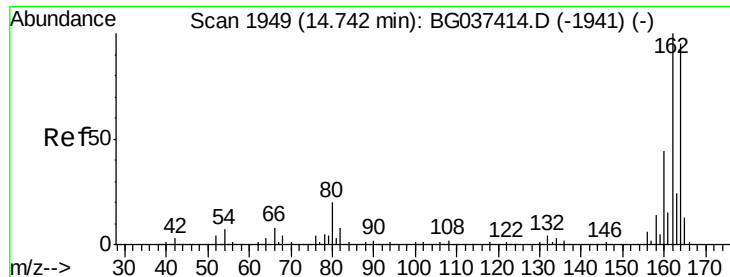
#23
Nitrobenzene-d5
Concen: 83.653 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037539.D
Acq: 25 Oct 2018 9:49

Tgt Ion: 82	Resp:	332584
Ion Ratio	Lower	Upper
82	100	
128	44.6	34.6 51.8
54	53.8	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: BG037539.D

Acq: 25 Oct 2018 9:49

Instrument :

BNA_G

ClientSampleId :

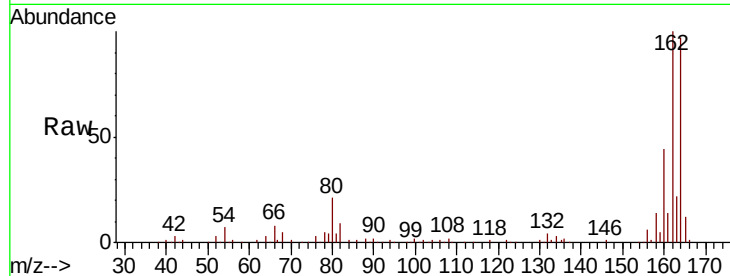
Tot Ion:164 Resp: 156375

Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

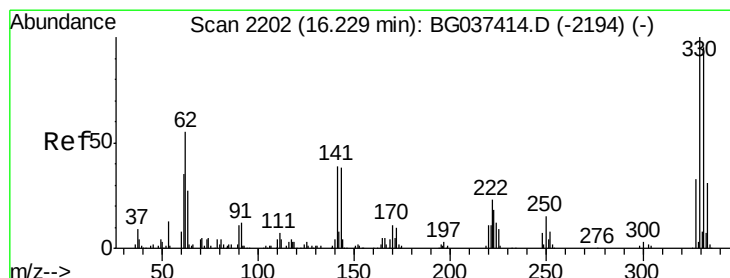
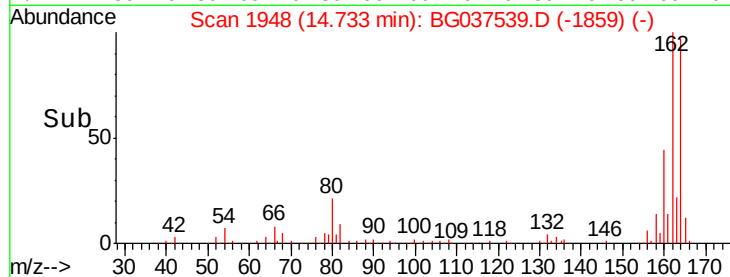
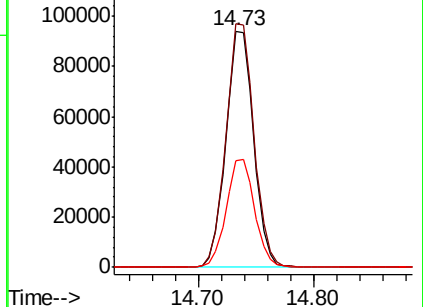
160 45.3 36.3 54.5



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: 85.613 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037539.D

Acq: 25 Oct 2018 9:49

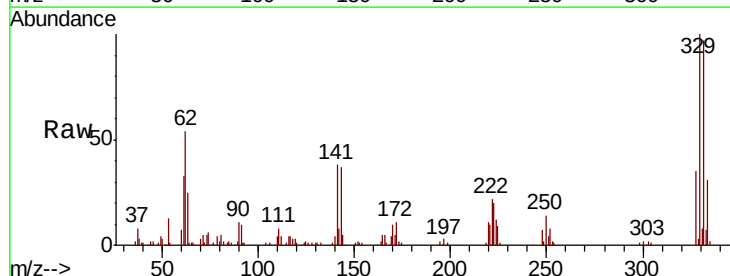
Tgt Ion:330 Resp: 146019

Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

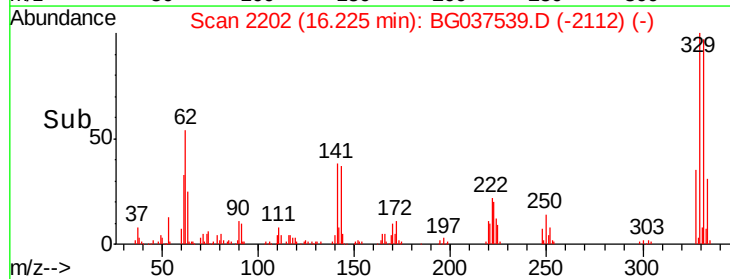
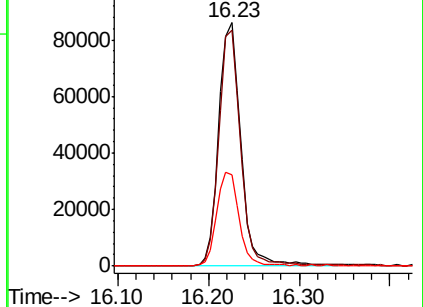
141 38.6 32.2 48.2

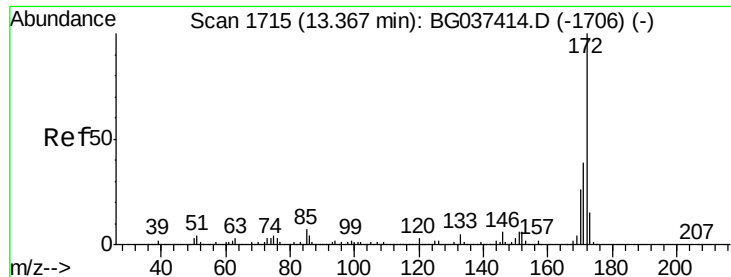


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

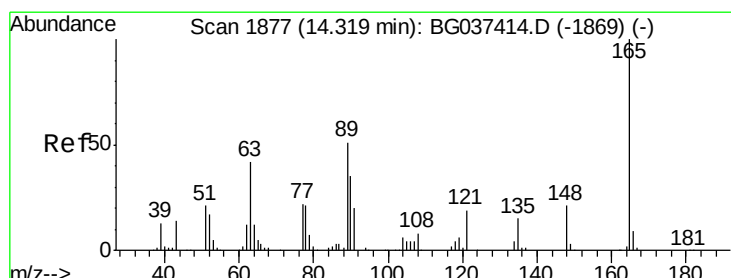
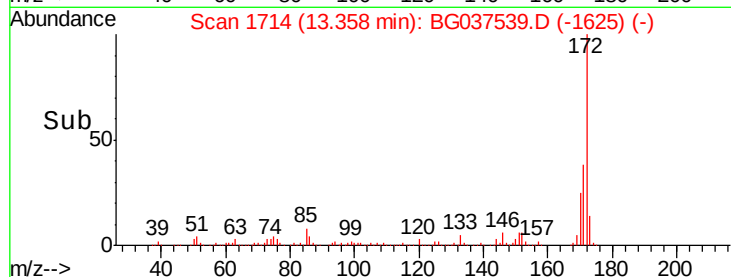
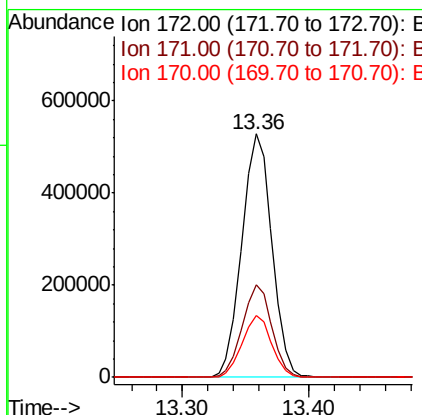
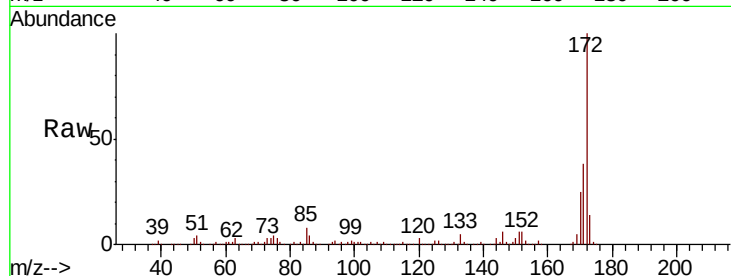




#45
2-Fluorobiphenyl
Concen: 83.954 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037539.D
Acq: 25 Oct 2018 9:49

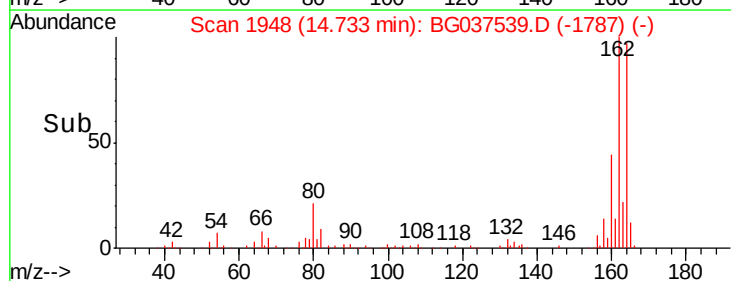
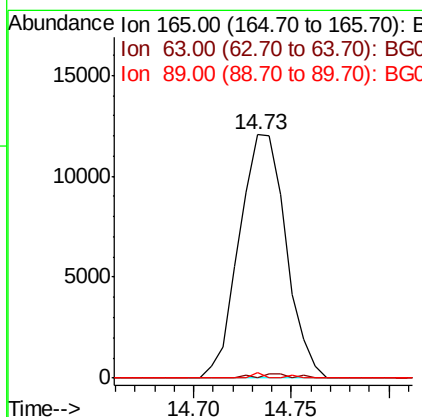
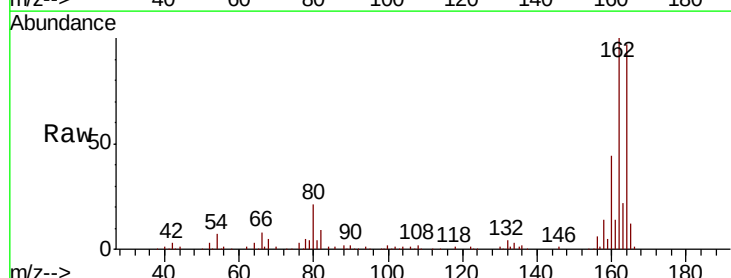
Instrument :
BNA_G
ClientSampleId :

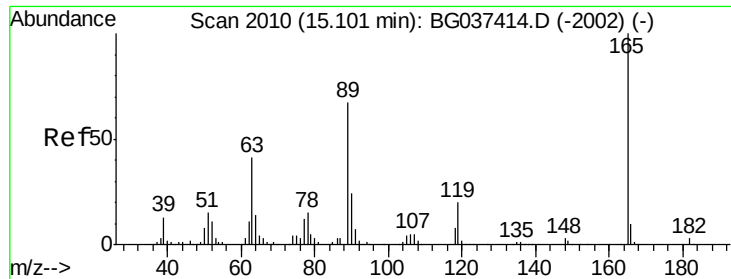
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.4	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.473 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037539.D
Acq: 25 Oct 2018 9:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.2	45.8	68.6#

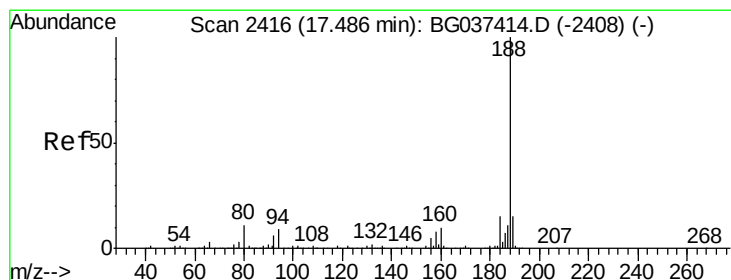
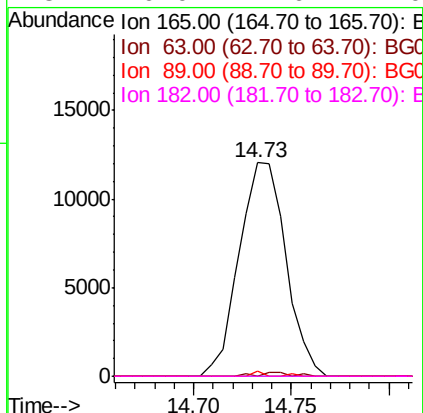
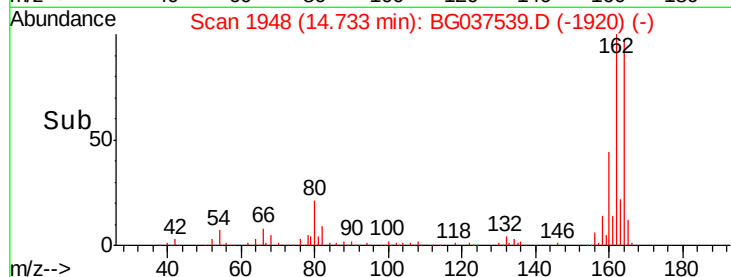
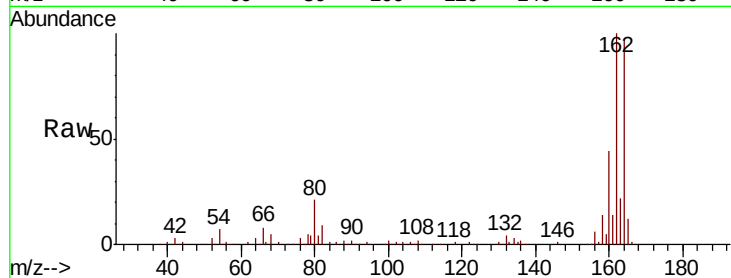




#57
 2,4-Dinitrotoluene
 Concen: 5.693 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037539.D
 Acq: 25 Oct 2018 9:49

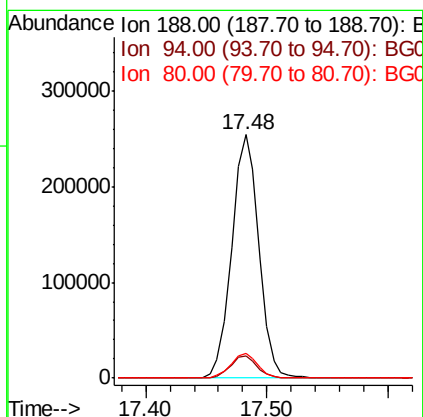
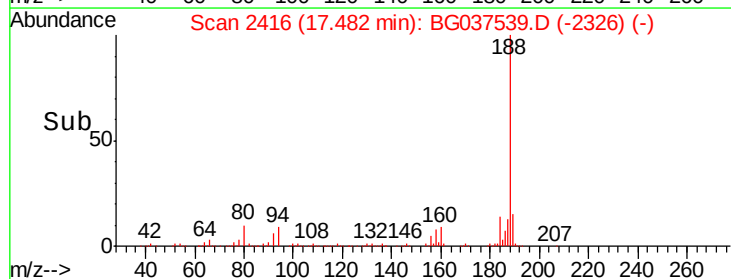
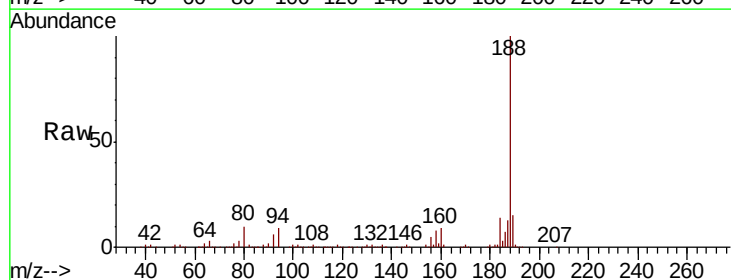
Instrument :
 BNA_G
 ClientSampleId :

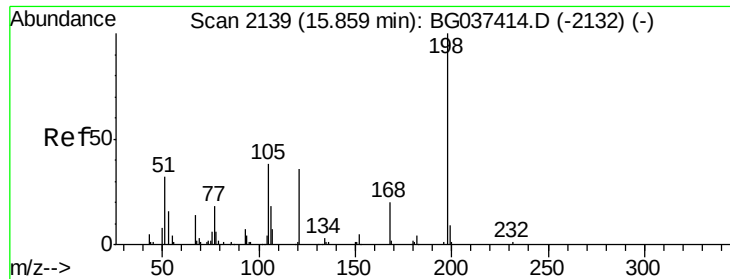
Tot Ion:	165	Resp:	19998
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.2	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037539.D
 Acq: 25 Oct 2018 9:49

Tgt Ion:	188	Resp:	397489
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.2	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.717 ng

RT: 16.20 min Scan# 2198

Delta R.T. 0.34 min

Lab File: BG037539.D

Acq: 25 Oct 2018 9:49

Instrument :

BNA_G

ClientSampleId :

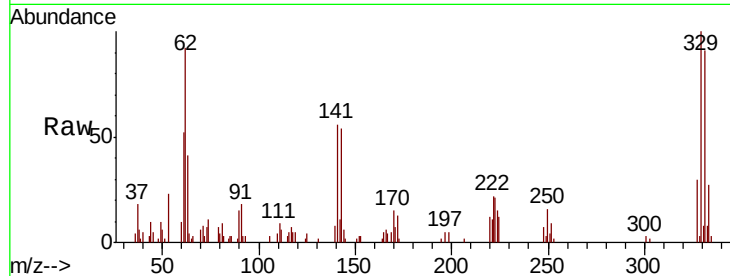
Tot Ion:198 Resp: 531

Ion Ratio Lower Upper

198 100

51 49.6 22.7 62.7

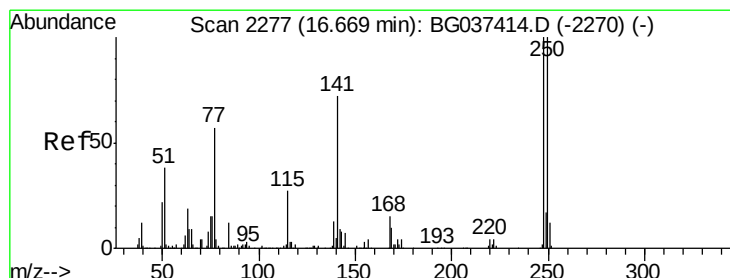
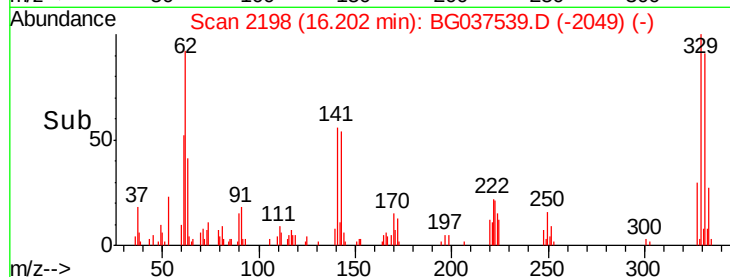
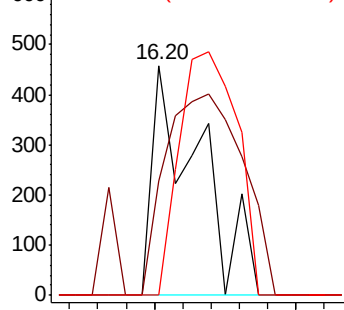
105 0.0 19.7 59.7#



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: 2.342 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037539.D

Acq: 25 Oct 2018 9:49

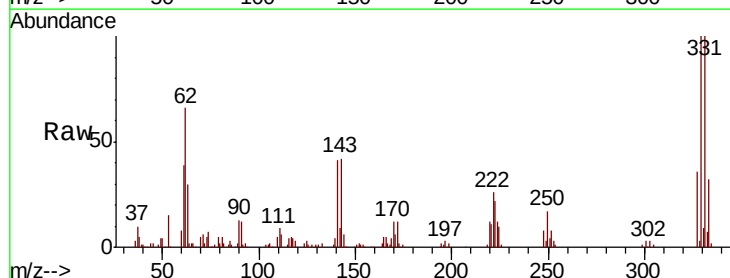
Tgt Ion:248 Resp: 10221

Ion Ratio Lower Upper

248 100

250 192.3 77.0 115.6#

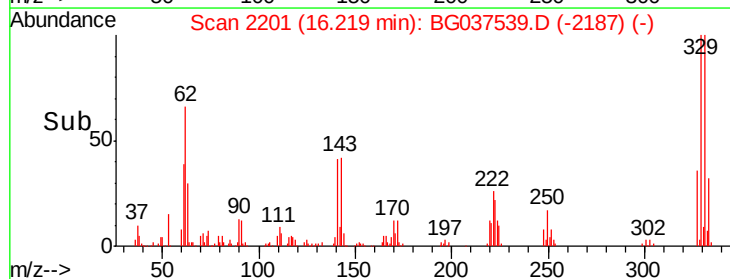
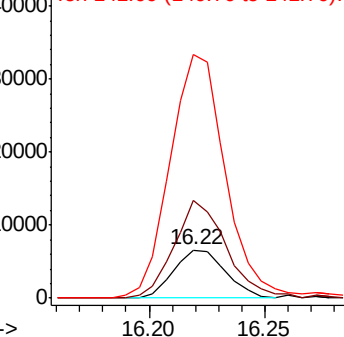
141 380.1 55.5 83.3#

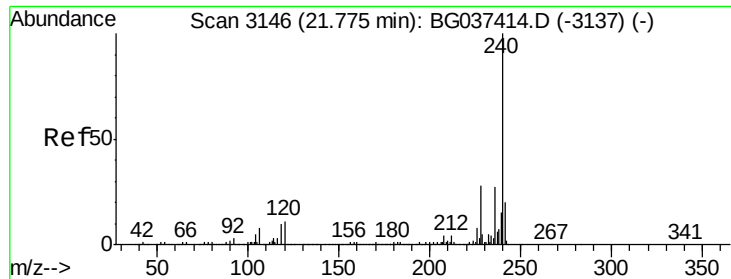


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

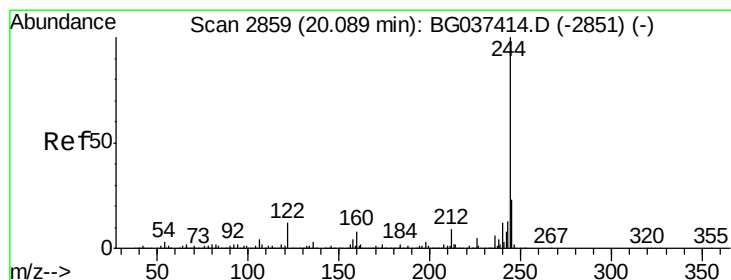
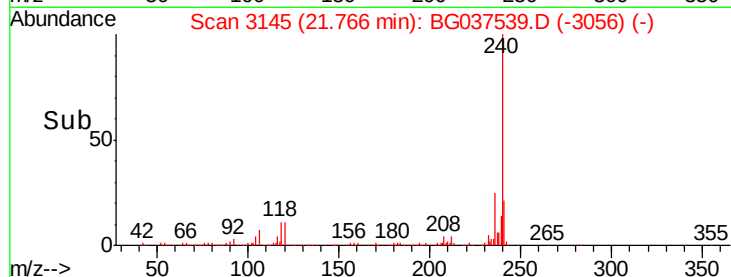
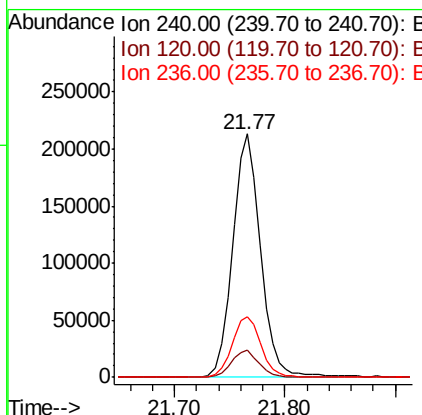
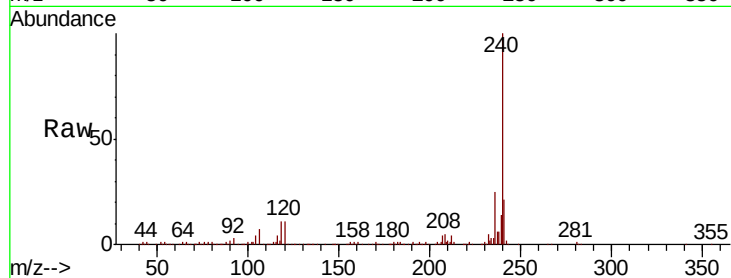




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037539.D
 Acq: 25 Oct 2018 9:49

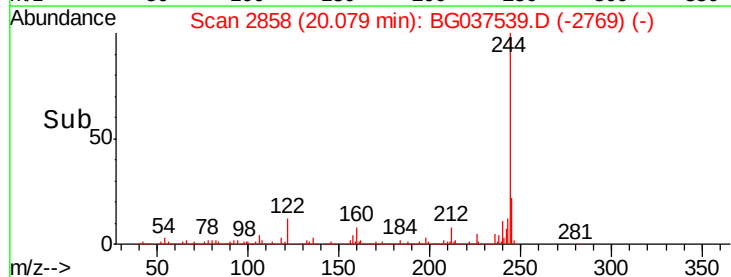
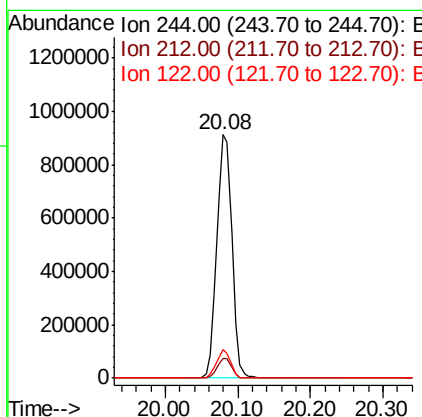
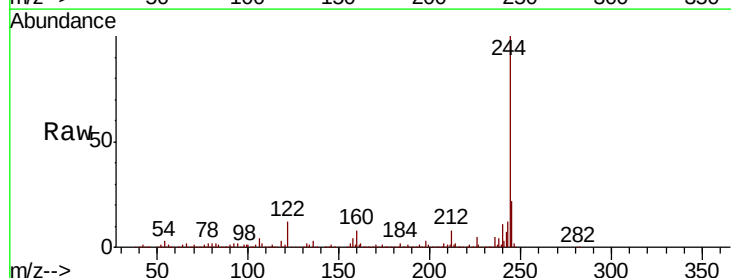
Instrument :
 BNA_G
 ClientSampleId :

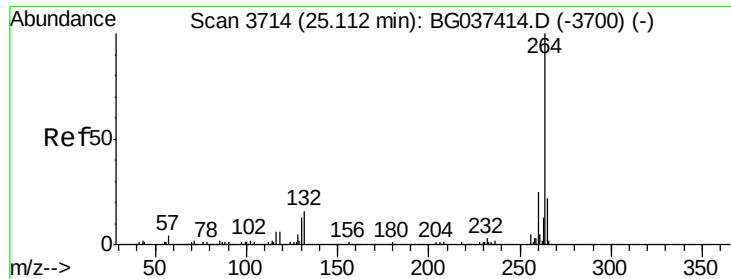
Tot Ion:240 Resp: 375997
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 24.7 21.4 32.0



#79
 Terphenyl-d14
 Concen: 75.353 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037539.D
 Acq: 25 Oct 2018 9:49

Tgt Ion:244 Resp: 1325958
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 11.5 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037539.D
Acq: 25 Oct 2018 9:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	22.5	17.9	26.9

