

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037516.D
 Acq On : 24 Oct 2018 18:08
 Operator : JU/SJ
 Sample : J4771-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 07:59:34 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

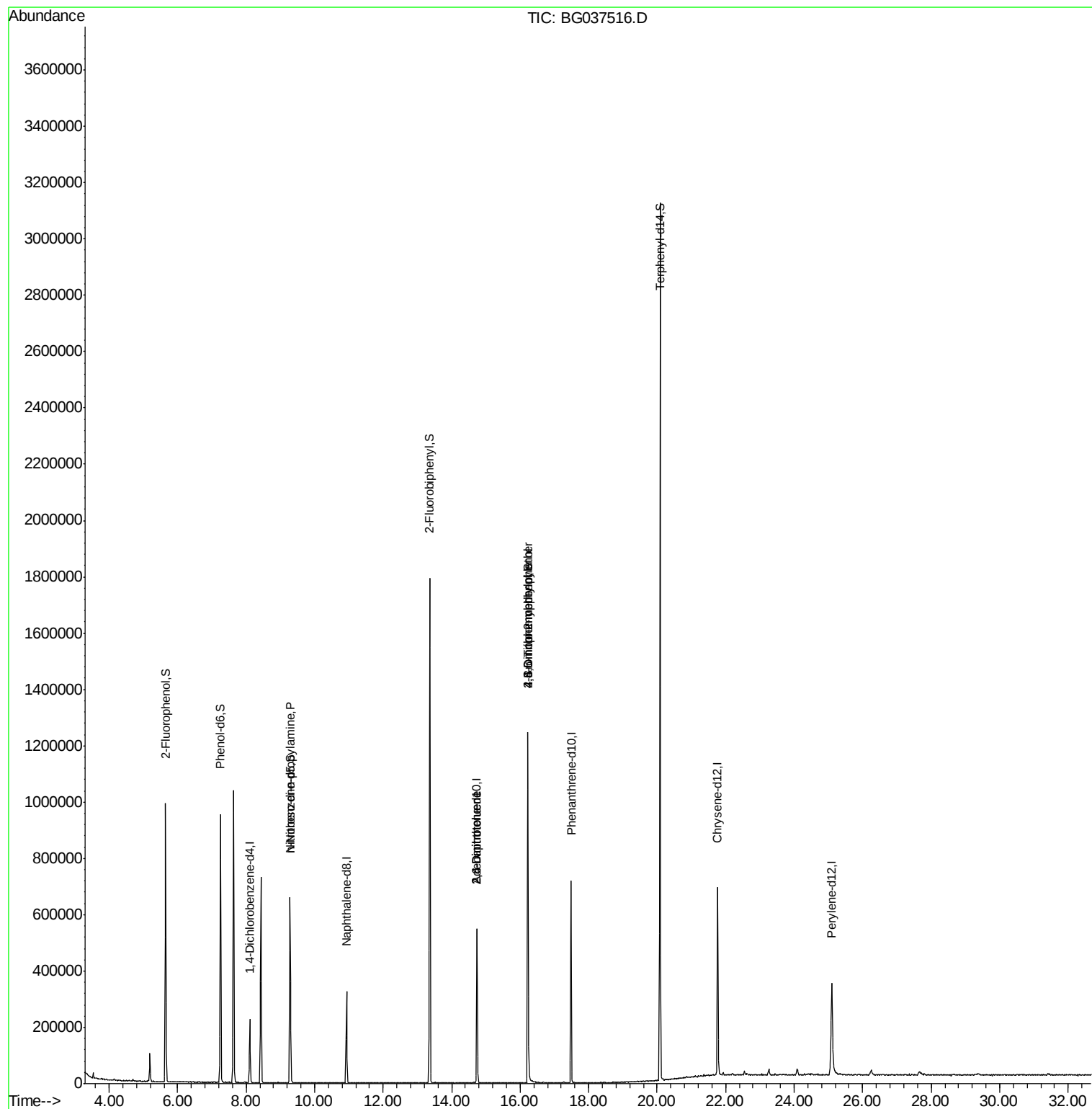
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	66759	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	293645	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	197262	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	468593	20.00	ng	0.00
76) Chrysene-d12	21.76	240	424597	20.00	ng	-0.01
87) Perylene-d12	25.10	264	410637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	443925	111.17	ng	0.00
7) Phenol-d6	7.25	99	594960	98.53	ng	0.00
23) Nitrobenzene-d5	9.28	82	414843	79.14	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	228517	106.21	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	964004	73.69	ng	0.00
79) Terphenyl-d14	20.08	244	1492823	75.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	51150	12.302	ng	# 74
51) 2,6-Dinitrotoluene	14.74	165	24707	7.319	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	24707	5.575	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	605	8.710	ng	78
67) 4-Bromophenyl-phenylether	16.22	248	16084	3.126	ng	# 1

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

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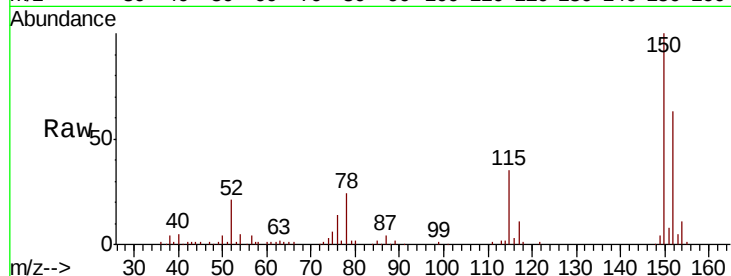


#1

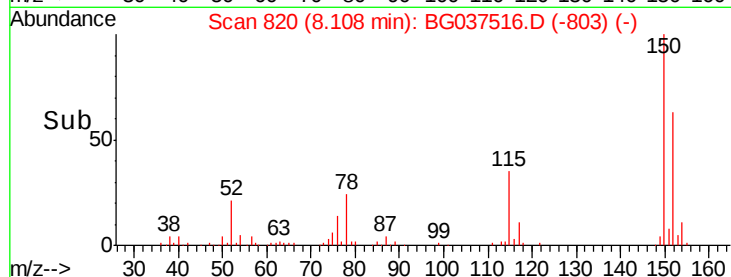
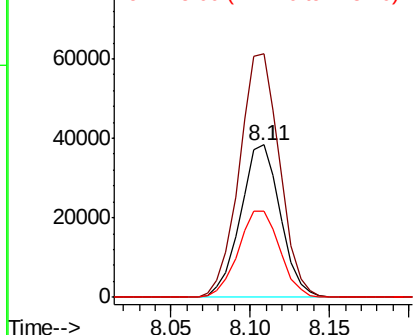
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037516.D
Acq: 24 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66759
Ion Ratio Lower Upper
152 100
150 159.8 126.0 189.0
115 56.5 45.5 68.3



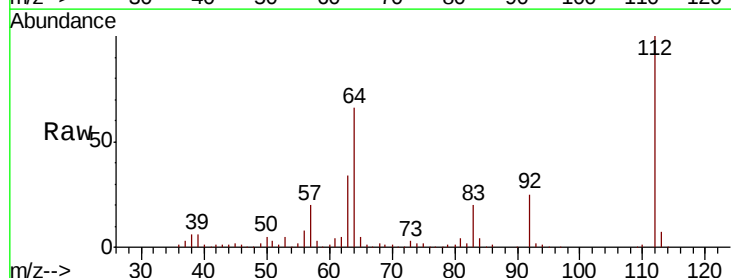
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



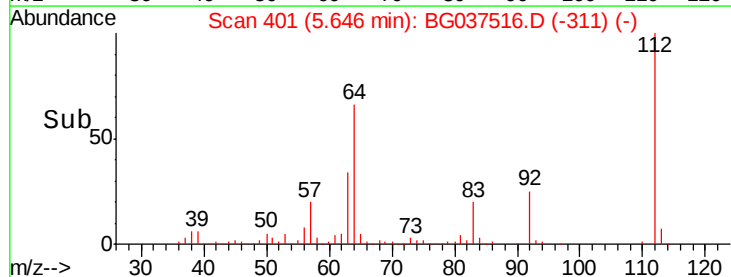
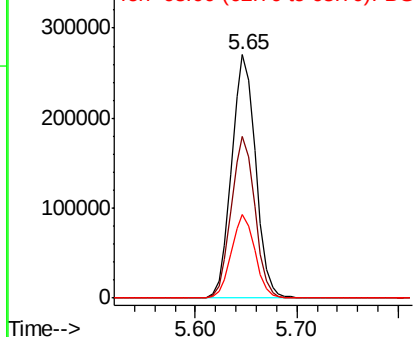
#5

2-Fluorophenol
Concen: 111.173 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037516.D
Acq: 24 Oct 2018 18:08

Tgt Ion:112 Resp: 443925
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 34.1 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: 98.535 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037516.D

Acq: 24 Oct 2018 18:08

Instrument :

BNA_G

ClientSampled :

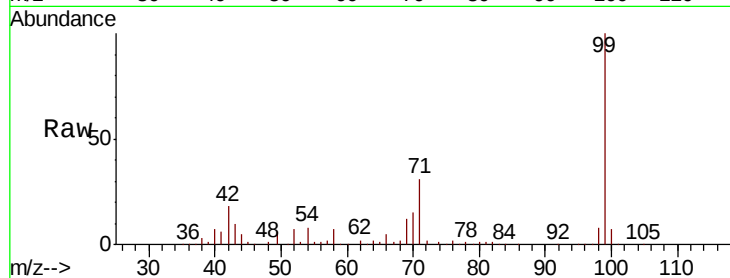
Tot Ion: 99 Resp: 594960

Ion Ratio Lower Upper

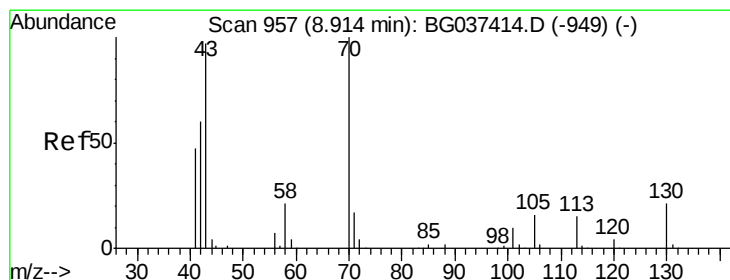
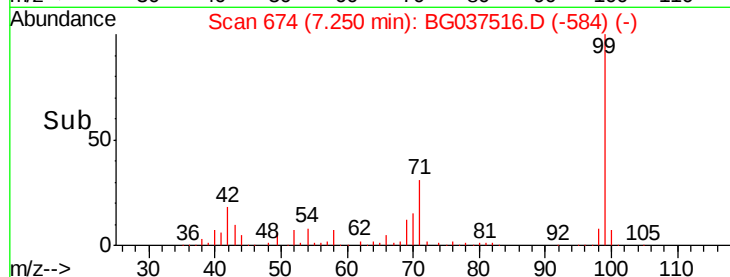
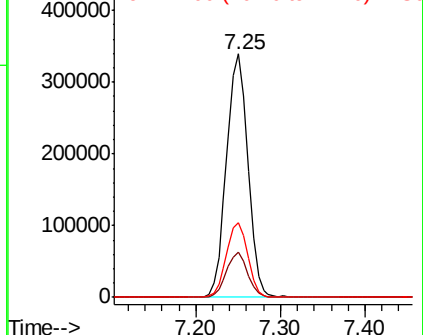
99 100

42 18.3 15.0 22.4

71 30.5 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: 12.302 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037516.D

Acq: 24 Oct 2018 18:08

Tgt Ion: 70 Resp: 51150

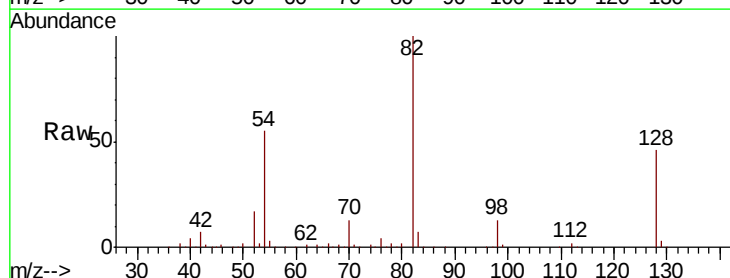
Ion Ratio Lower Upper

70 100

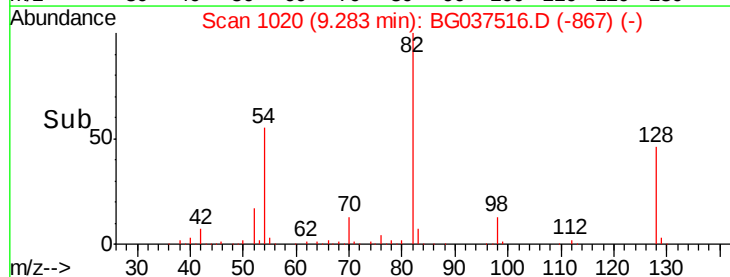
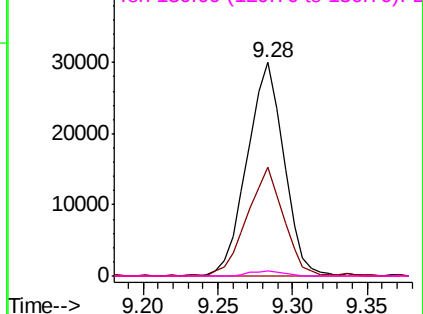
42 50.9 53.9 80.9#

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

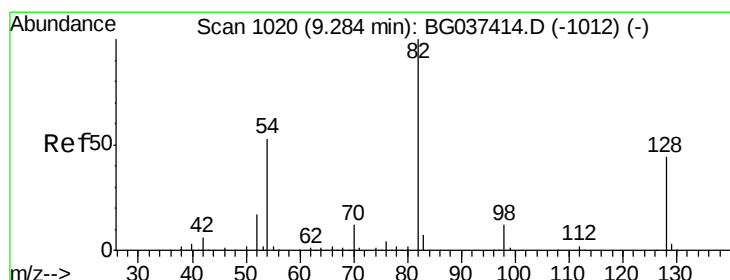
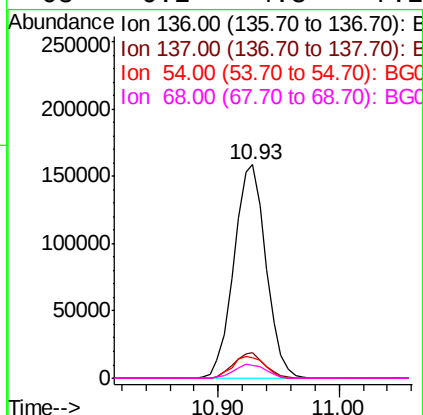
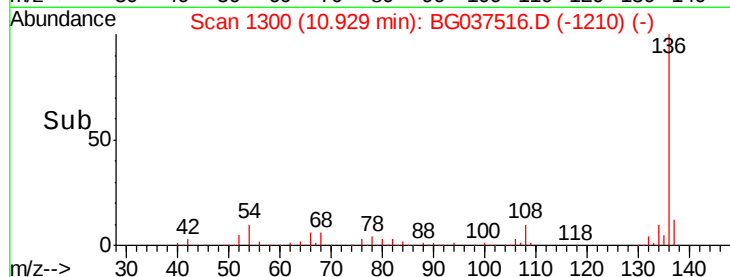
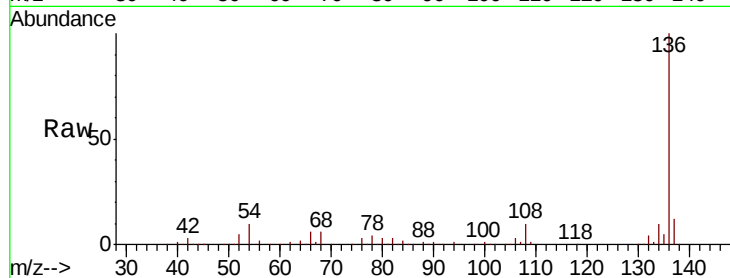




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037516.D
Acq: 24 Oct 2018 18:08

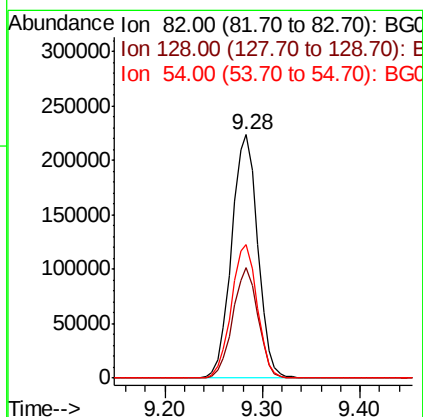
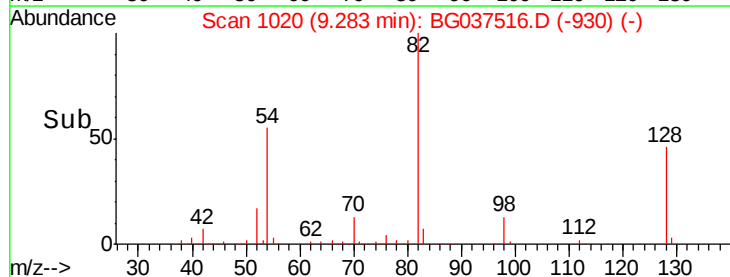
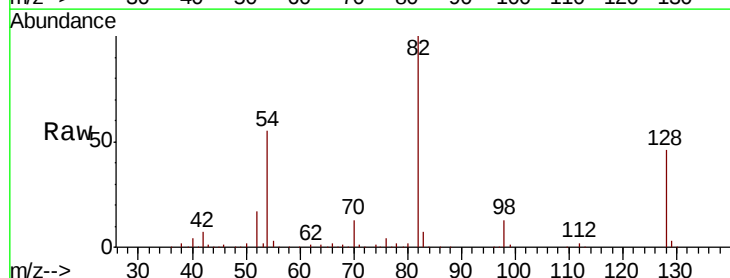
Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	293645
Ion	Ratio	Lower Upper
136	100	
137	12.1	9.6 14.4
54	9.5	7.9 11.9
68	6.2	4.8 7.2



#23
Nitrobenzene-d5
Concen: 79.140 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037516.D
Acq: 24 Oct 2018 18:08

Tgt Ion: 82	Resp:	414843
Ion	Ratio	Lower Upper
82	100	
128	45.5	34.6 51.8
54	55.0	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: BG037516.D

Acq: 24 Oct 2018 18:08

Instrument :

BNA_G

ClientSampleId :

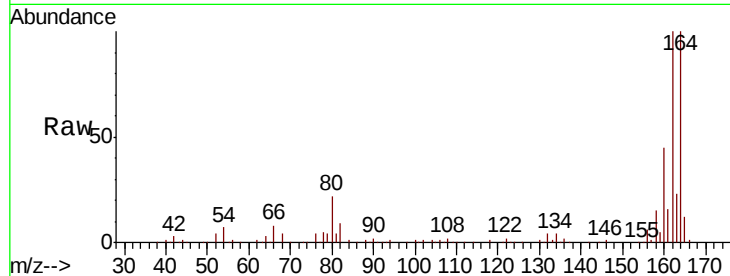
Tot Ion:164 Resp: 197262

Ion Ratio Lower Upper

164 100

162 99.9 81.3 121.9

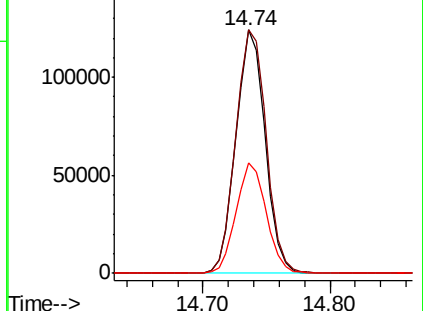
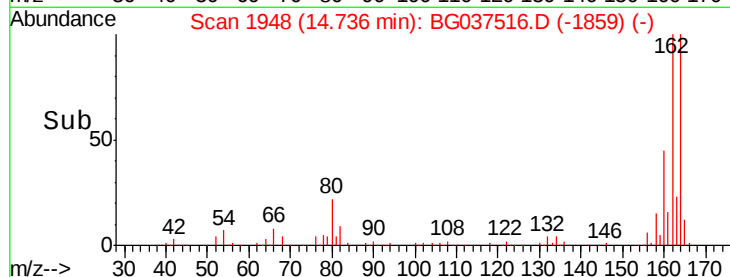
160 45.3 36.3 54.5



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: 106.212 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037516.D

Acq: 24 Oct 2018 18:08

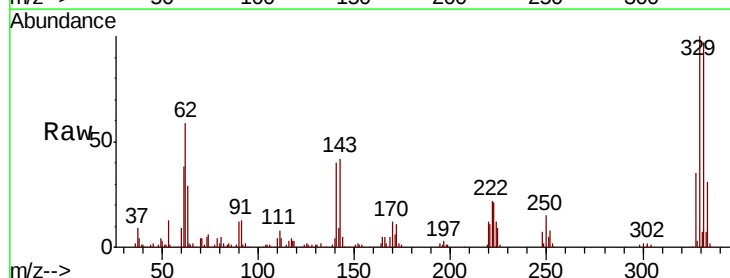
Tgt Ion:330 Resp: 228517

Ion Ratio Lower Upper

330 100

332 97.6 78.4 117.6

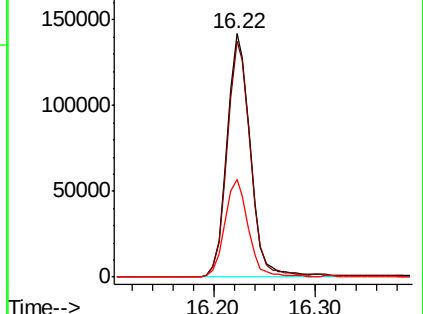
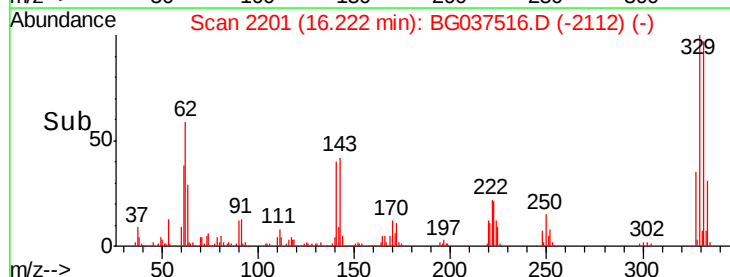
141 40.1 32.2 48.2



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

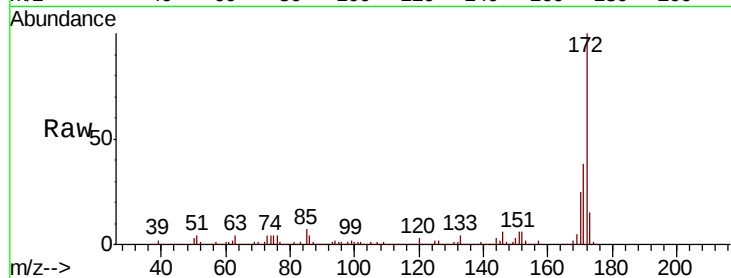




#45
 2-Fluorobiphenyl
 Concen: 73.692 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037516.D
 Acq: 24 Oct 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.2	20.2	30.2

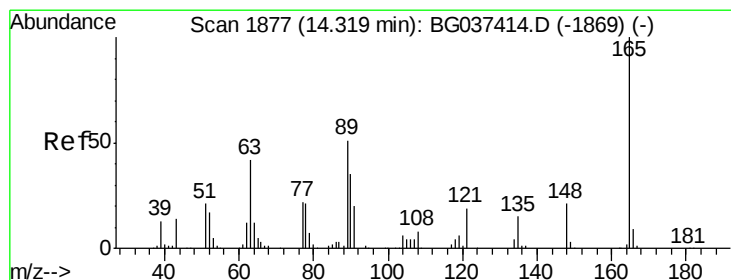
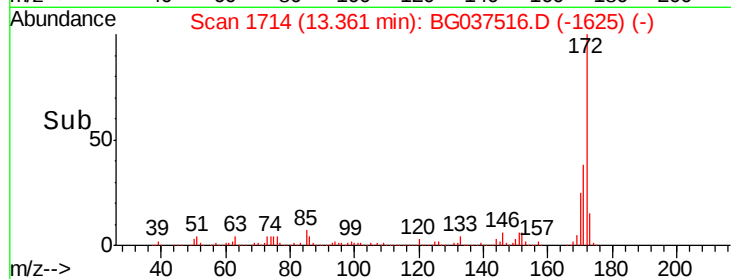
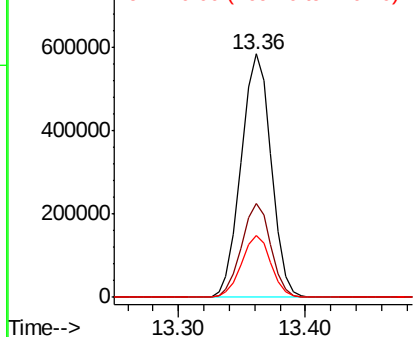


Abundance

Ion 172.00 (171.70 to 172.70): E

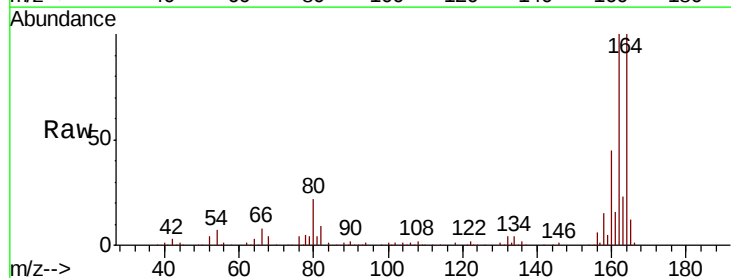
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
 2,6-Dinitrotoluene
 Concen: 7.319 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037516.D
 Acq: 24 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	43.4	65.2#
89	1.2	45.8	68.6#

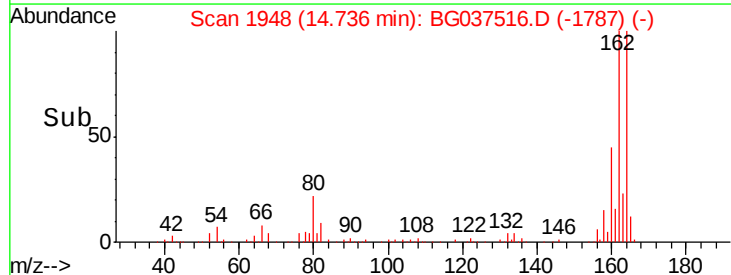
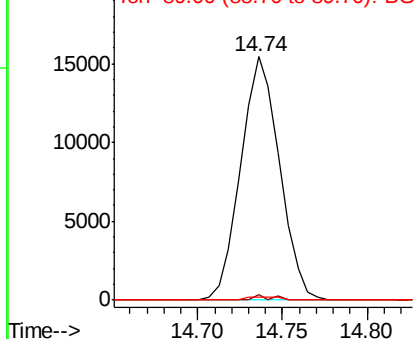


Abundance

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

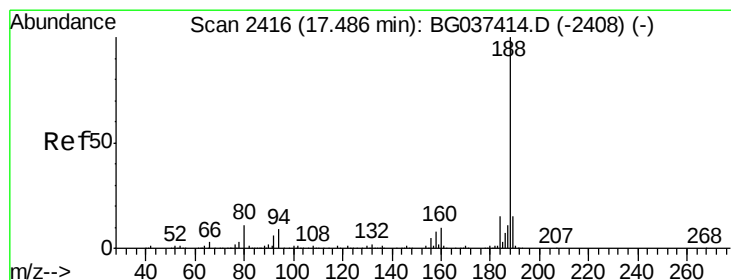
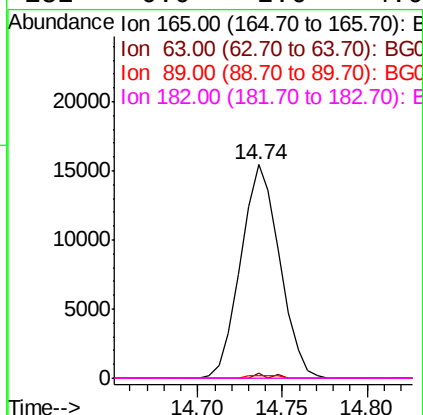
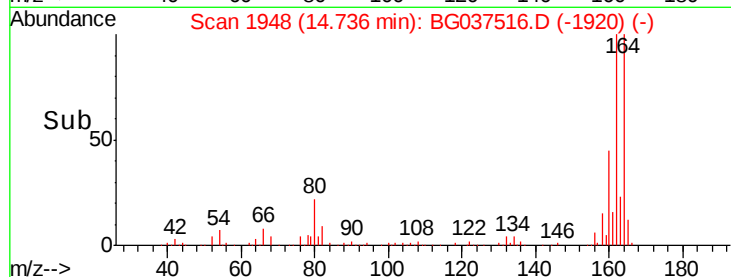
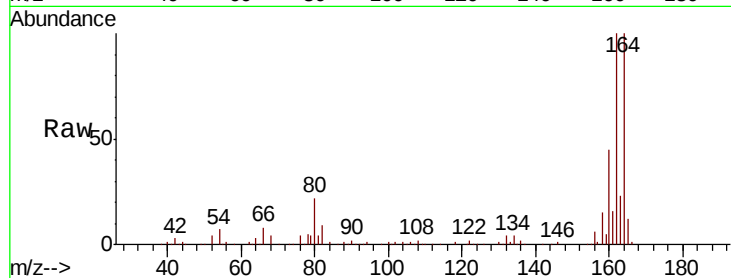




#57
 2,4-Dinitrotoluene
 Concen: 5.575 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG037516.D
 Acq: 24 Oct 2018 18:08

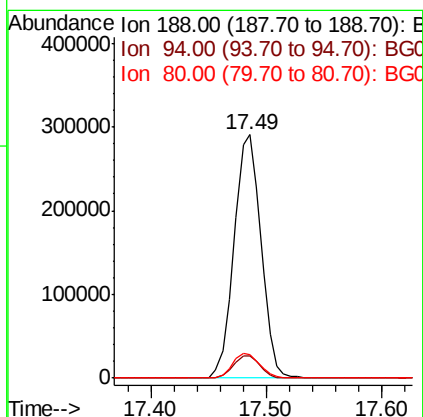
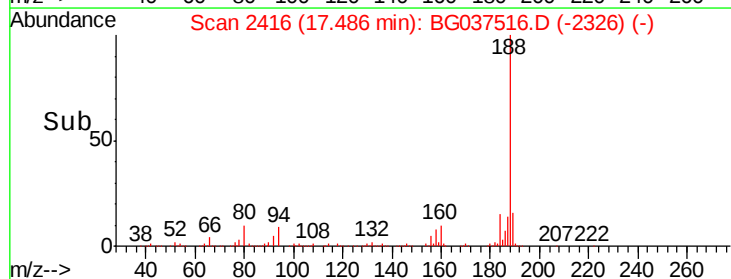
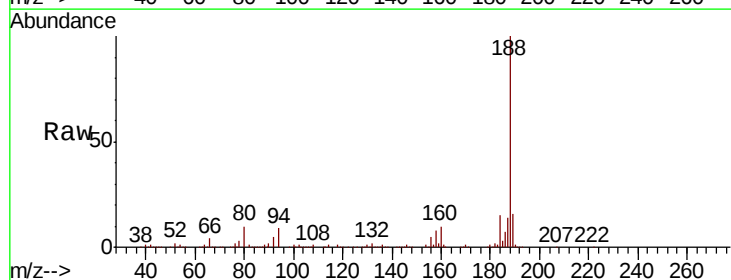
Instrument :
 BNA_G
 ClientSampleId :

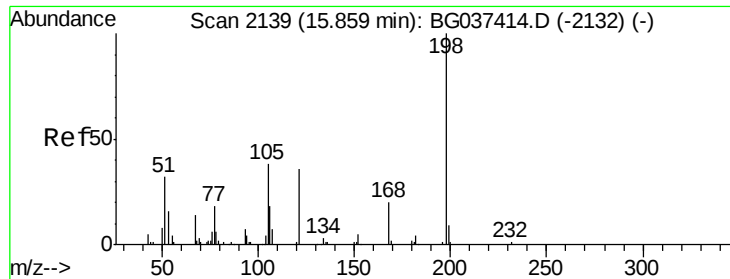
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	33.4	50.0#
89	1.2	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037516.D
 Acq: 24 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.7	7.7	11.5

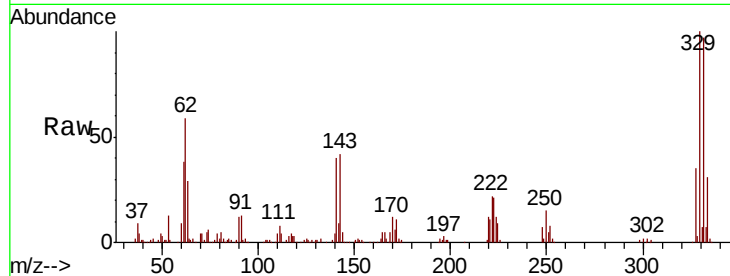




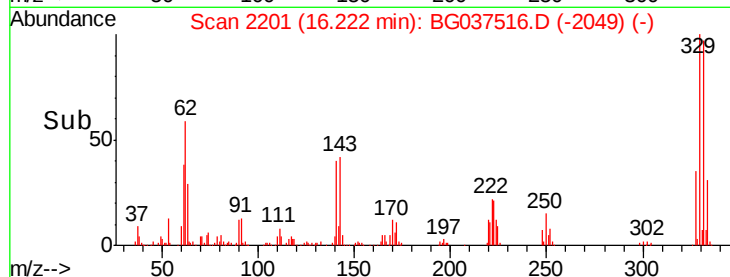
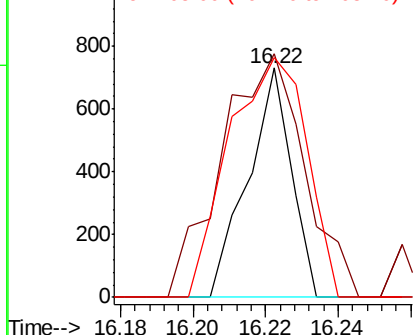
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.710 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037516.D
 Acq: 24 Oct 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 605
 Ion Ratio Lower Upper
 198 100
 51 27.4 22.7 62.7
 105 27.0 19.7 59.7

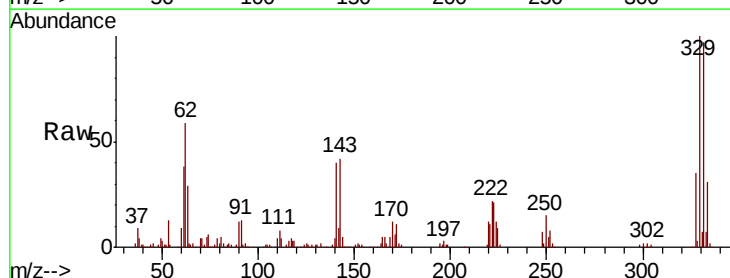


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

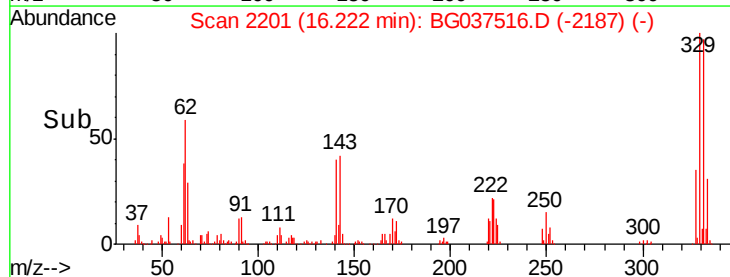
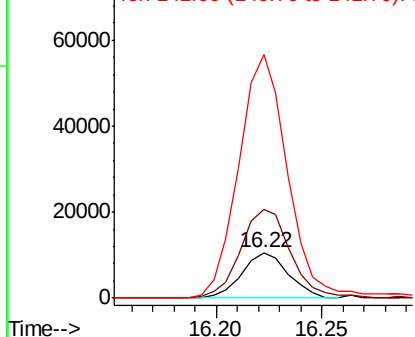


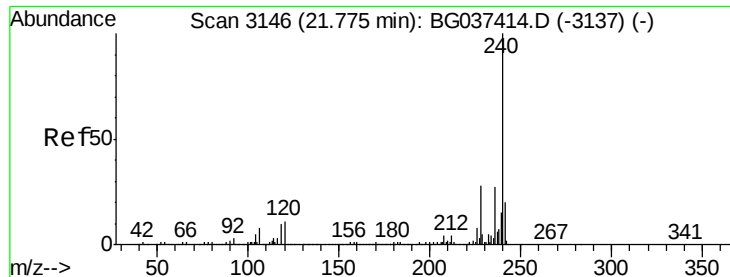
#67
 4-Bromophenyl-phenylether
 Concen: 3.126 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037516.D
 Acq: 24 Oct 2018 18:08

Tgt Ion:248 Resp: 16084
 Ion Ratio Lower Upper
 248 100
 250 196.9 77.0 115.6#
 141 403.6 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

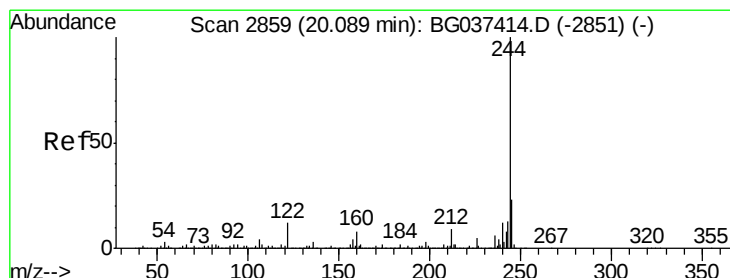
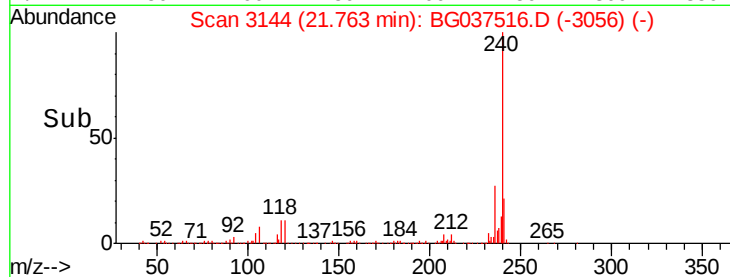
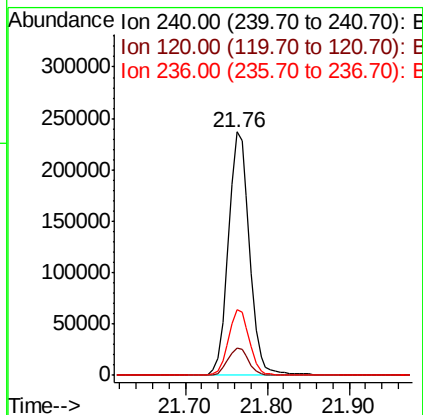
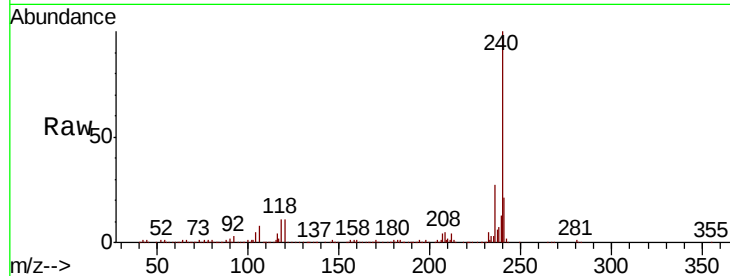




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037516.D
Acq: 24 Oct 2018 18:08

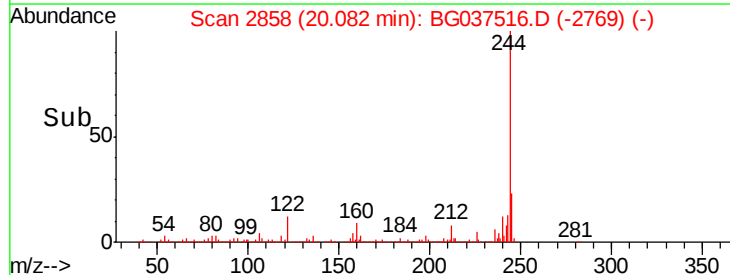
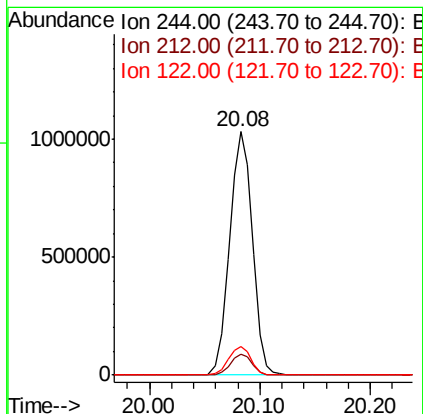
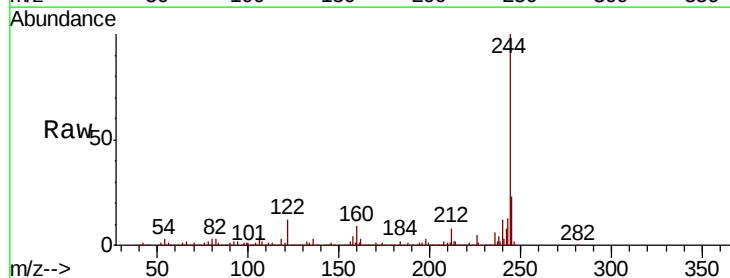
Instrument :
BNA_G
ClientSampleId :

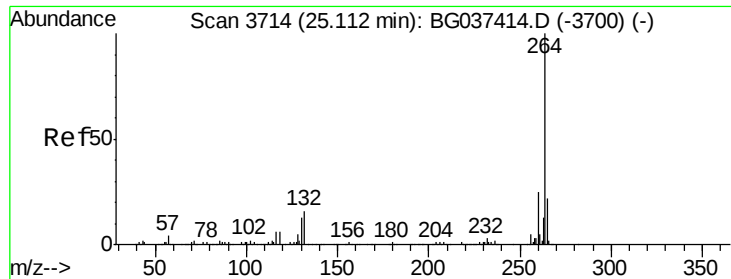
Tot Ion:240 Resp: 424597
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 26.8 21.4 32.0



#79
Terphenyl-d14
Concen: 75.126 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037516.D
Acq: 24 Oct 2018 18:08

Tgt Ion:244 Resp: 1492823
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 11.6 9.0 13.4





#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG037516.D
 Acq: 24 Oct 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.7	17.9	26.9

