

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037526.D
 Acq On : 25 Oct 2018 00:41
 Operator : JU/SJ
 Sample : J5200-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 08:02:03 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

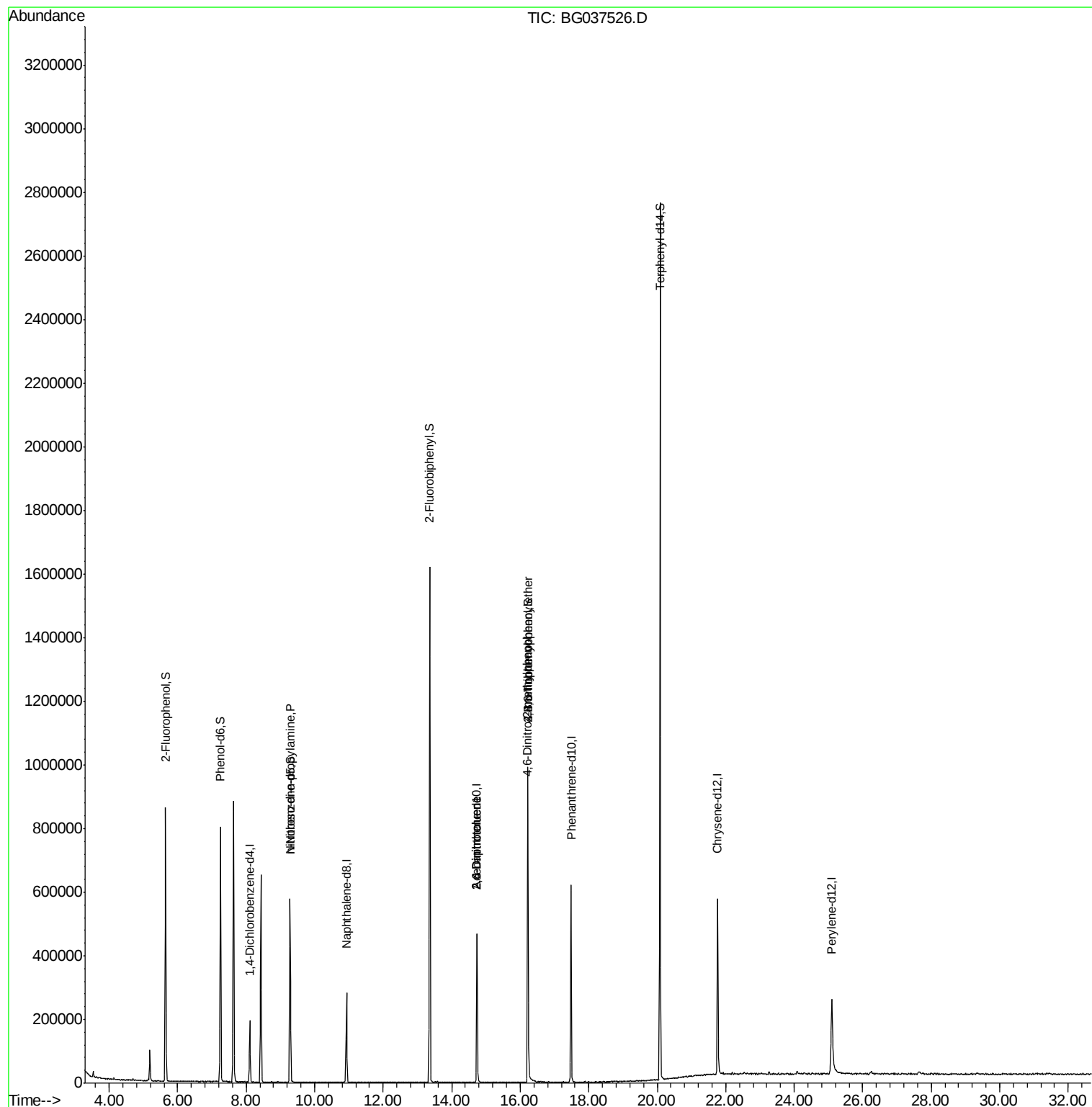
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57814	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	255196	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	170730	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	393618	20.00	ng	0.00
76) Chrysene-d12	21.76	240	360879	20.00	ng	-0.01
87) Perylene-d12	25.10	264	337133	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	387394	112.03	ng	0.00
7) Phenol-d6	7.25	99	510804	97.69	ng	0.00
23) Nitrobenzene-d5	9.28	82	366594	80.47	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	178290	95.75	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	859410	75.91	ng	0.00
79) Terphenyl-d14	20.08	244	1304363	77.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	46819	13.002	ng	# 73
51) 2,6-Dinitrotoluene	14.74	165	22007	7.532	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	22007	5.738	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	79	8.539	ng	88
67) 4-Bromophenyl-phenylether	16.22	248	13357	3.090	ng	# 1

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

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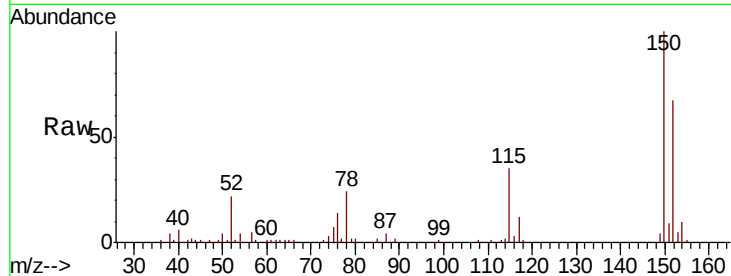


#1

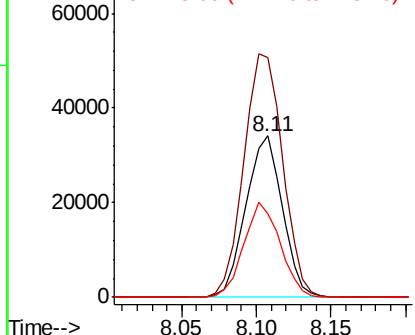
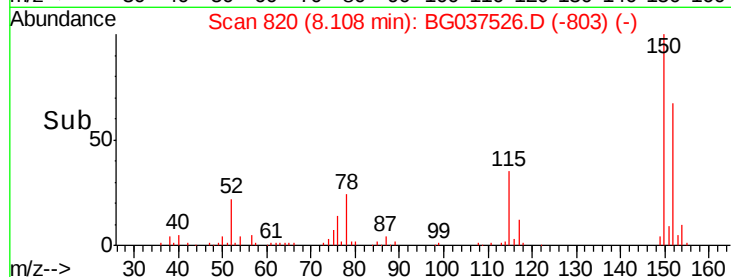
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037526.D
 Acq: 25 Oct 2018 00:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 57814
 Ion Ratio Lower Upper
 152 100
 150 148.6 126.0 189.0
 115 52.0 45.5 68.3



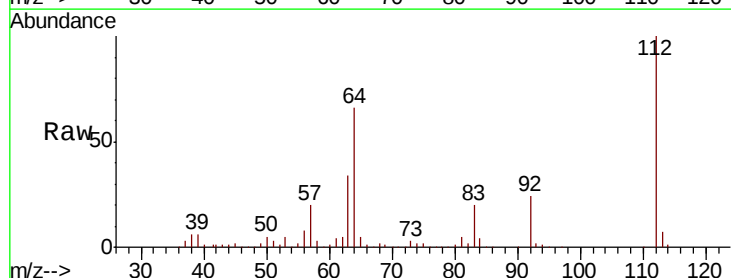
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



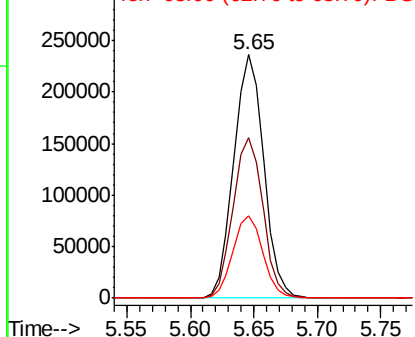
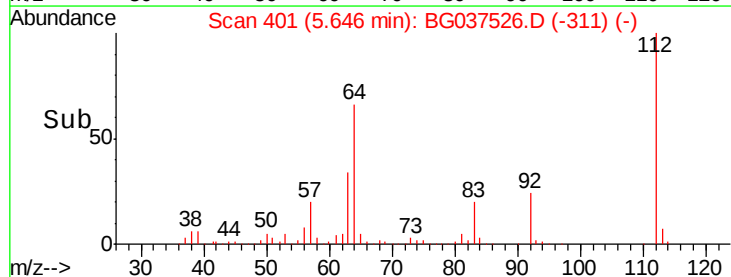
#5

2-Fluorophenol
 Concen: 112.026 ng
 RT: 5.65 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037526.D
 Acq: 25 Oct 2018 00:41

Tgt Ion:112 Resp: 387394
 Ion Ratio Lower Upper
 112 100
 64 66.0 53.1 79.7
 63 33.6 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: 97.686 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037526.D

Acq: 25 Oct 2018 00:41

Instrument :

BNA_G

ClientSampleId :

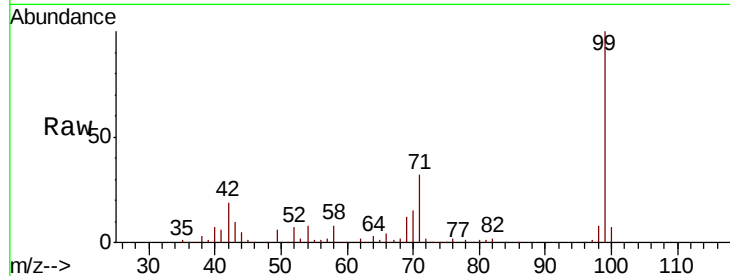
Tot Ion: 99 Resp: 510804

Ion Ratio Lower Upper

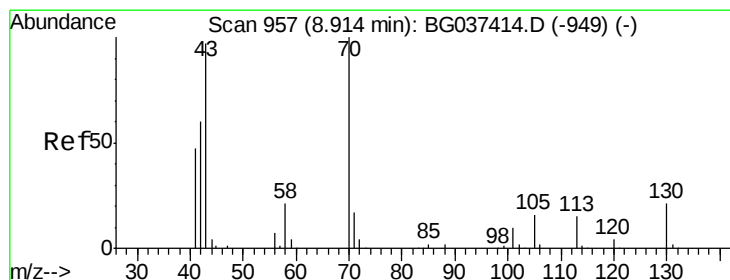
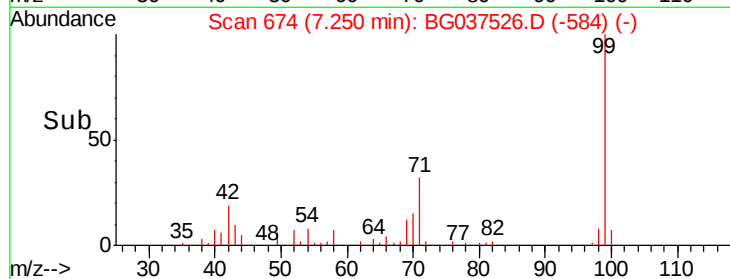
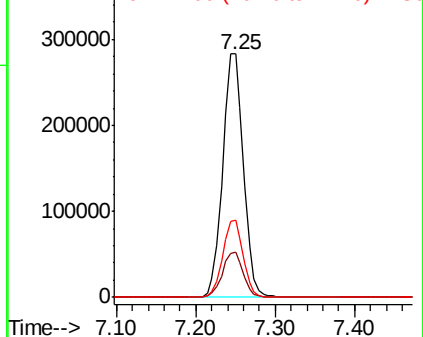
99 100

42 18.7 15.0 22.4

71 31.7 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: 13.002 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037526.D

Acq: 25 Oct 2018 00:41

Tgt Ion: 70 Resp: 46819

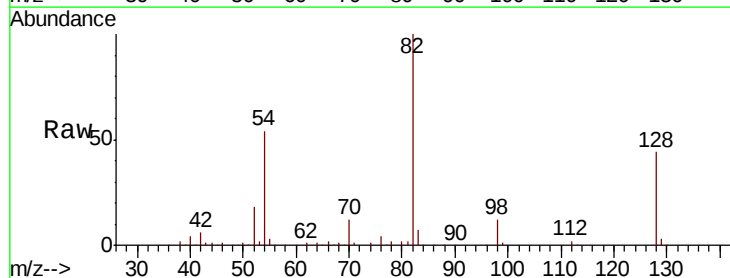
Ion Ratio Lower Upper

70 100

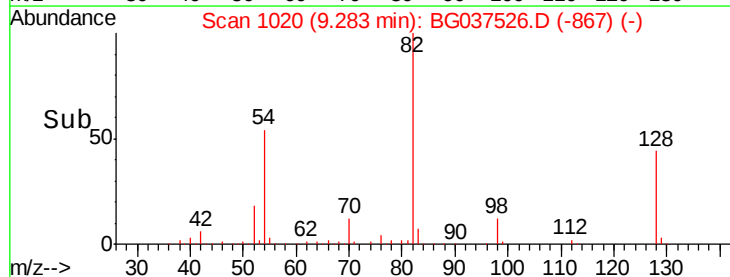
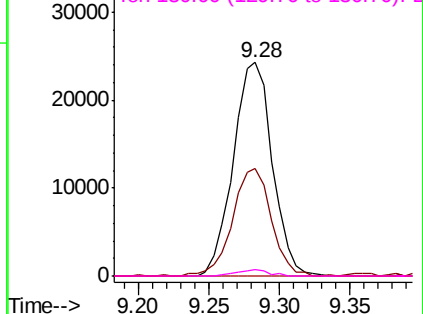
42 50.1 53.9 80.9#

101 0.0 8.2 12.2#

130 2.8 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

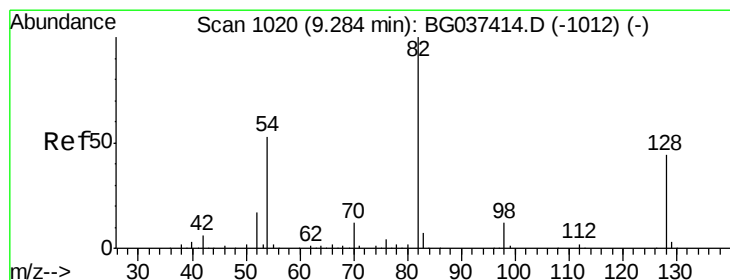
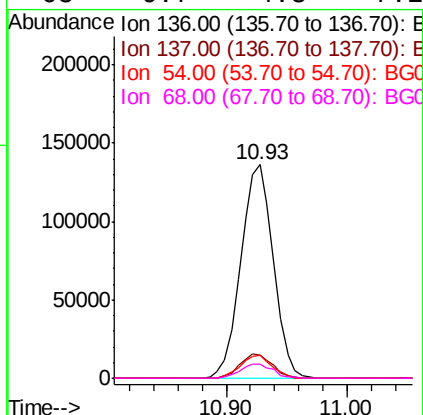
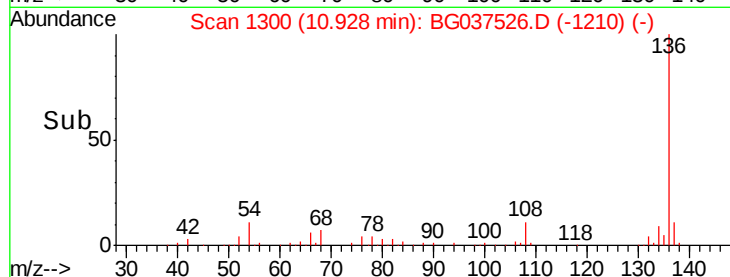
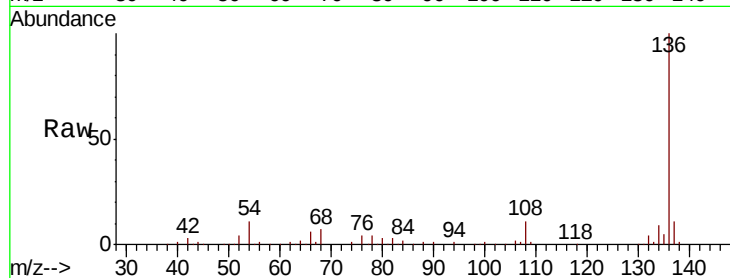




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037526.D
Acq: 25 Oct 2018 00:41

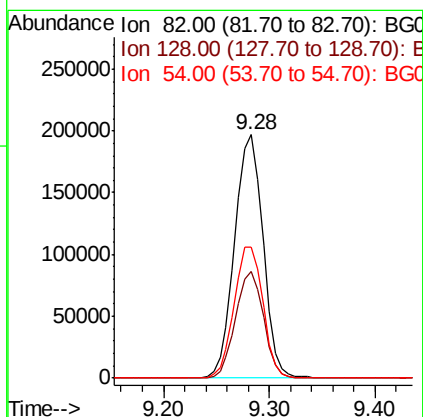
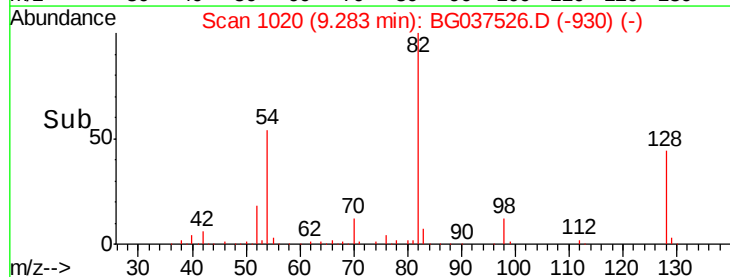
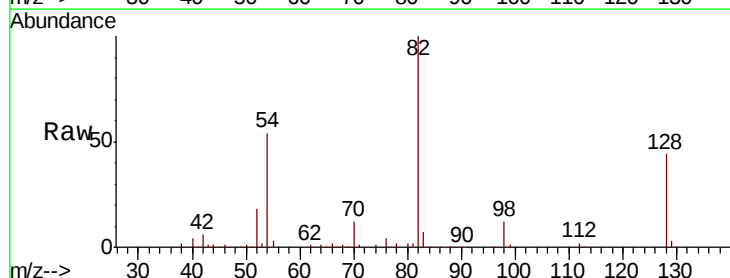
Instrument :
BNA_G
ClientSampleId :

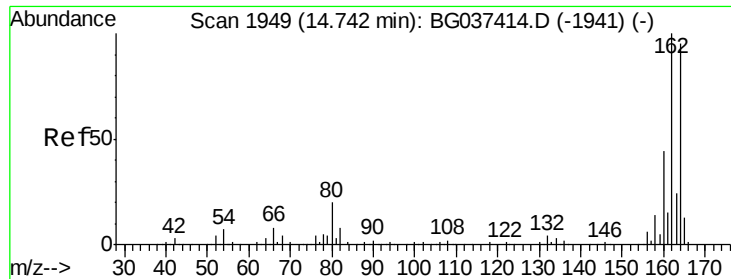
Tot Ion:136	Resp:	255196
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.6 14.4
54	10.7	7.9 11.9
68	6.7	4.8 7.2



#23
Nitrobenzene-d5
Concen: 80.472 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037526.D
Acq: 25 Oct 2018 00:41

Tgt Ion: 82	Resp:	366594
Ion	Ratio	Lower Upper
82	100	
128	44.0	34.6 51.8
54	54.0	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: BG037526.D

Acq: 25 Oct 2018 00:41

Instrument :

BNA_G

ClientSampleId :

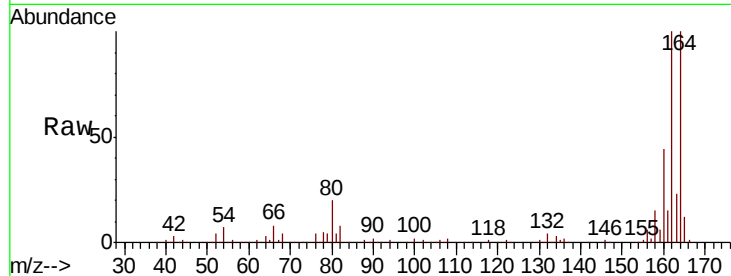
Tot Ion:164 Resp: 170730

Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

160 44.2 36.3 54.5

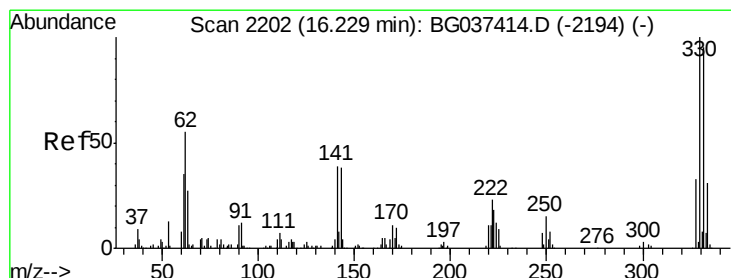
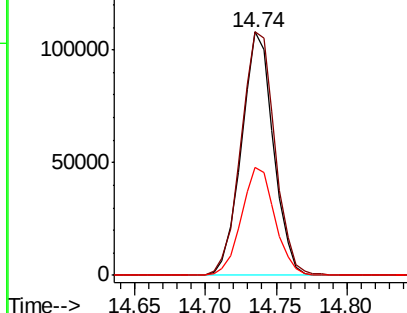
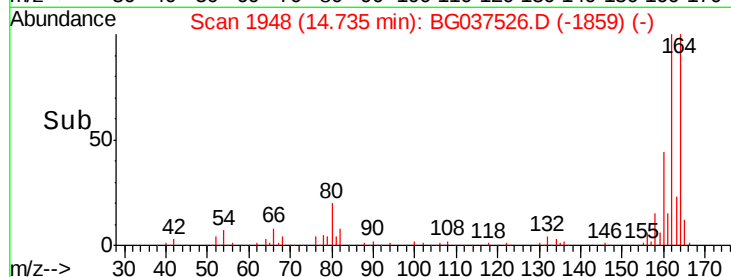


Abundance

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: 95.745 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037526.D

Acq: 25 Oct 2018 00:41

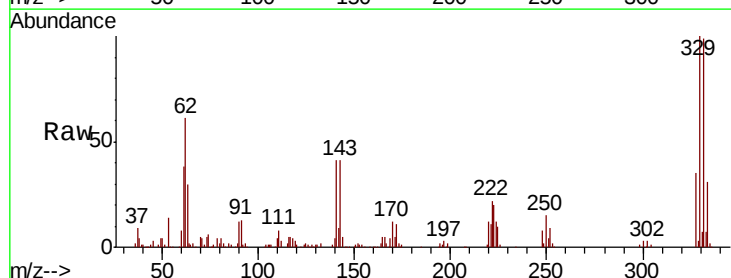
Tgt Ion:330 Resp: 178290

Ion Ratio Lower Upper

330 100

332 96.9 78.4 117.6

141 40.8 32.2 48.2

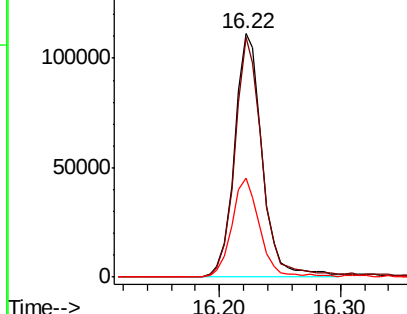
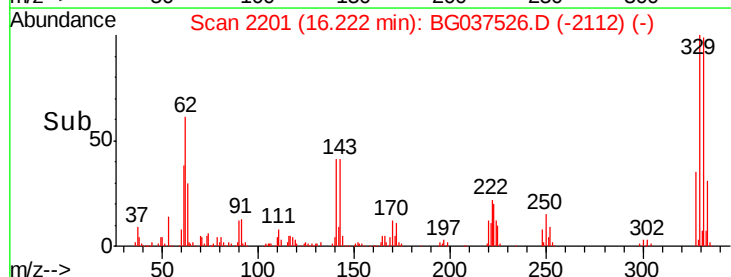


Abundance

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

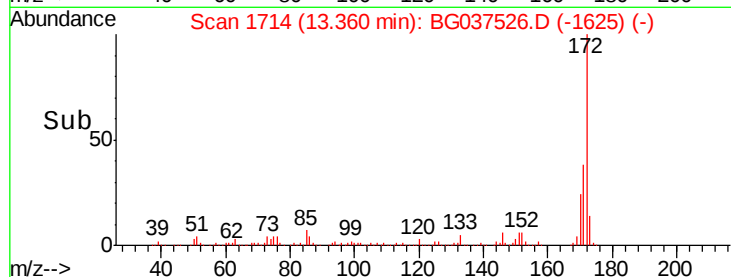
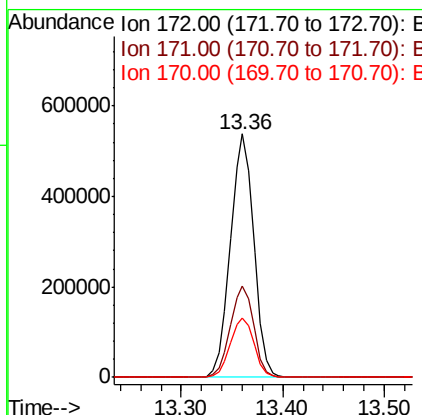
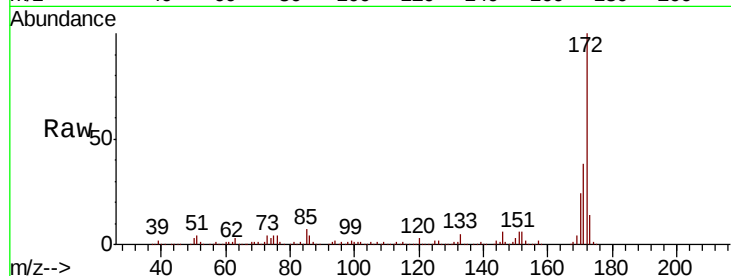




#45
 2-Fluorobiphenyl
 Concen: 75.906 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037526.D
 Acq: 25 Oct 2018 00:41

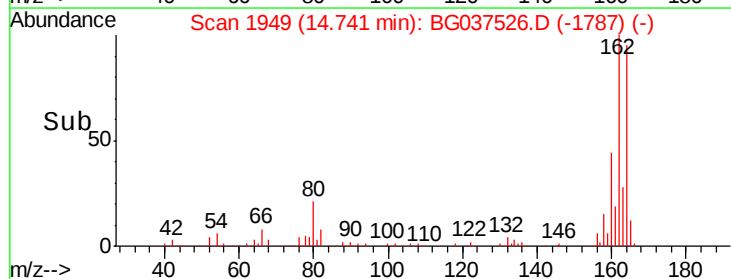
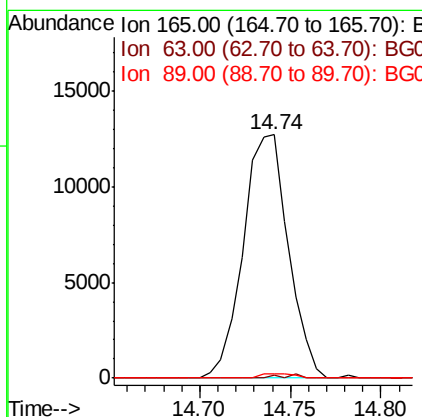
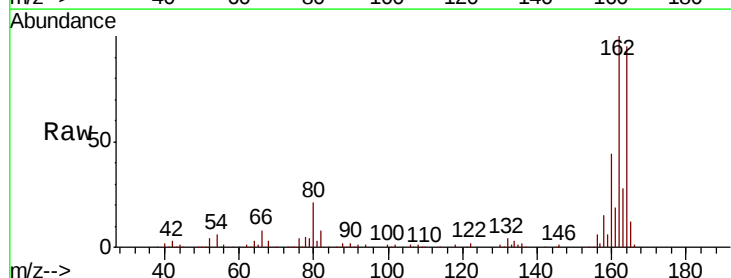
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	24.4	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.532 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG037526.D
 Acq: 25 Oct 2018 00:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.2#
89	1.7	45.8	68.6#

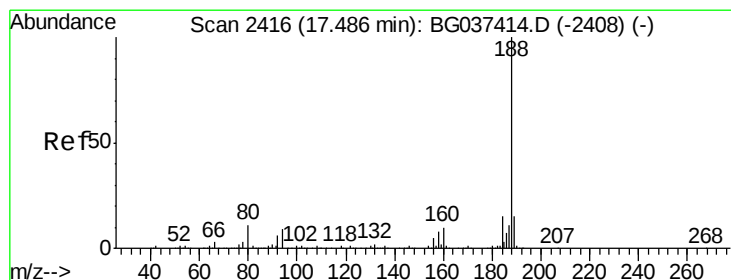
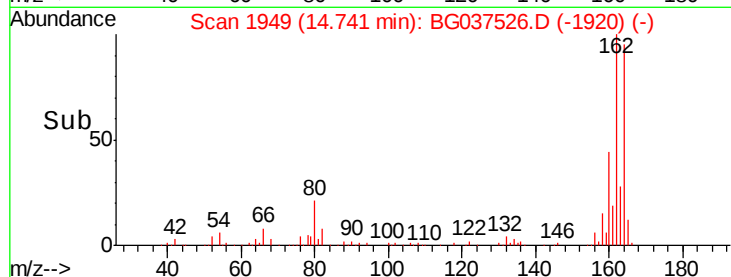
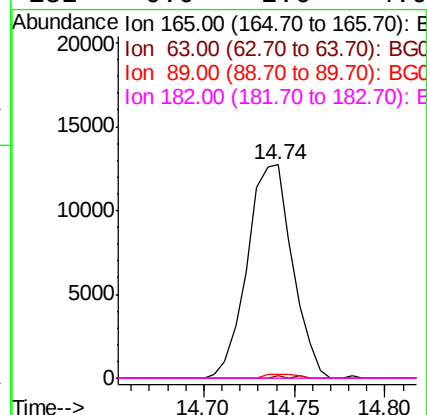
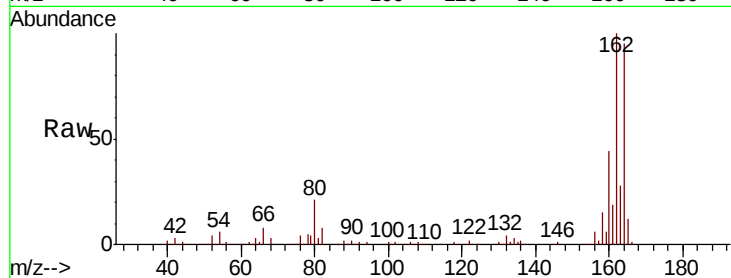




#57
 2,4-Dinitrotoluene
 Concen: 5.738 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG037526.D
 Acq: 25 Oct 2018 00:41

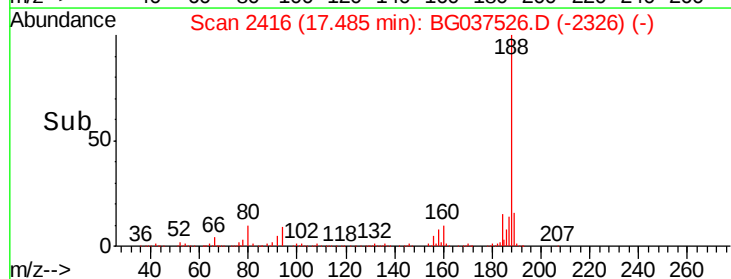
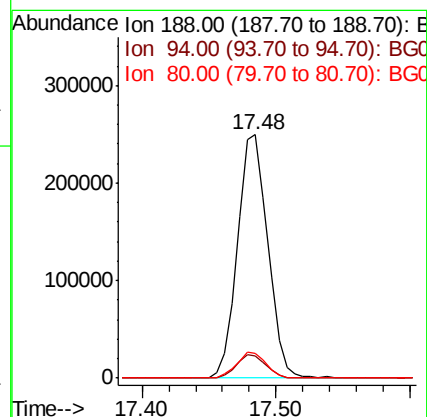
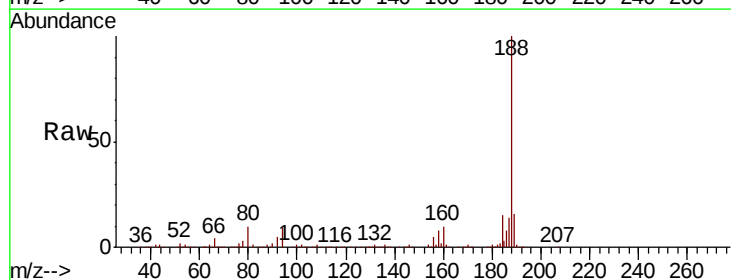
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	1.7	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: BG037526.D
 Acq: 25 Oct 2018 00:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.3	7.7	11.5

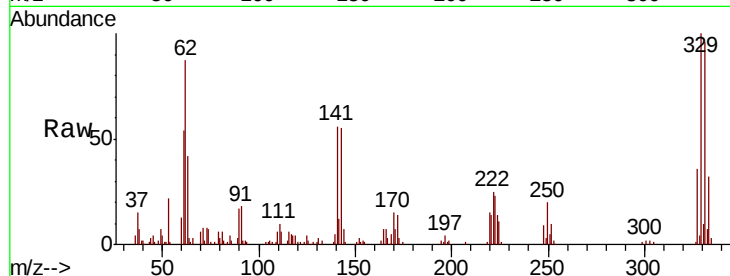




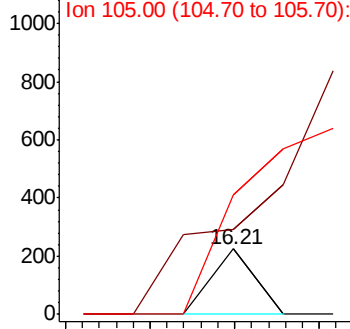
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.539 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037526.D
 Acq: 25 Oct 2018 00:41

Instrument :
 BNA_G
 ClientSampled :

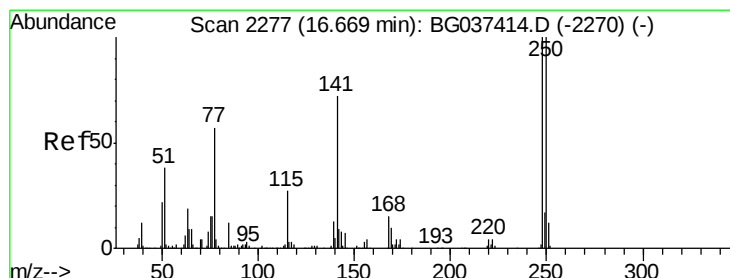
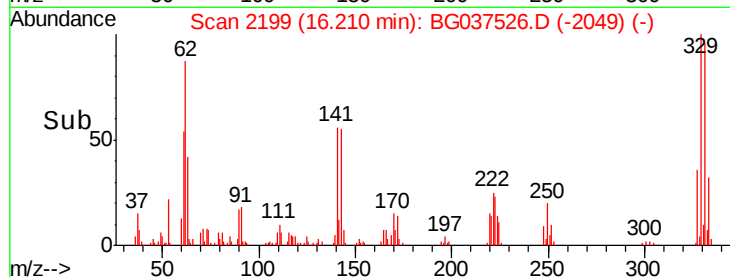
Tot Ion:198 Resp: 79
 Ion Ratio Lower Upper
 198 100
 51 28.7 22.7 62.7
 105 40.2 19.7 59.7



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

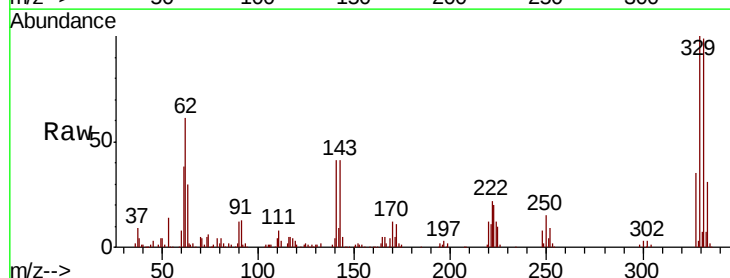


Time--> 16.19 16.20 16.21 16.22

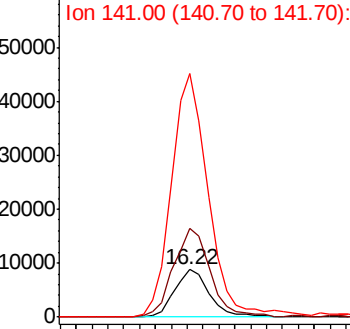


#67
 4-Bromophenyl-phenylether
 Concen: 3.090 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037526.D
 Acq: 25 Oct 2018 00:41

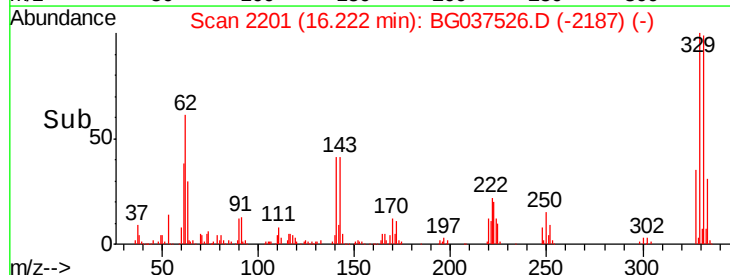
Tgt Ion:248 Resp: 13357
 Ion Ratio Lower Upper
 248 100
 250 187.0 77.0 115.6#
 141 396.6 55.5 83.3#

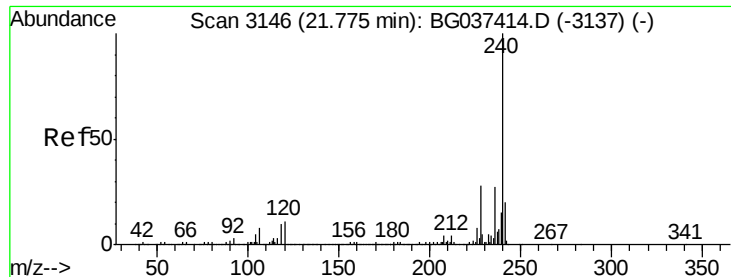


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time--> 16.15 16.20 16.25 16.30

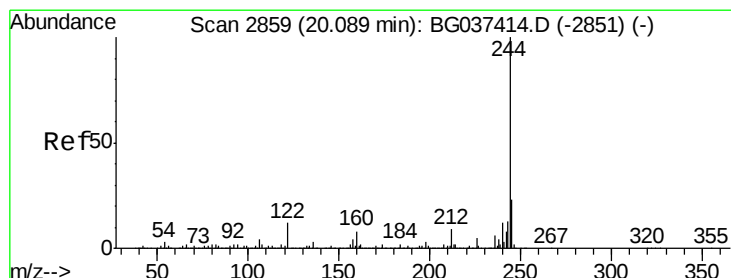
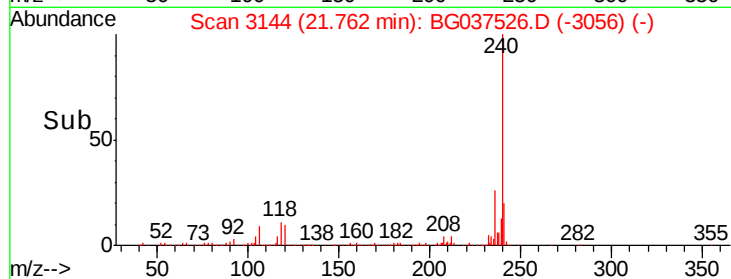
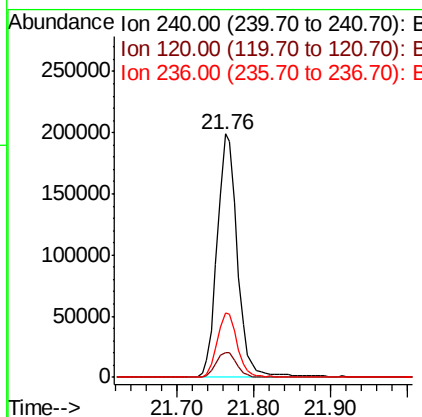
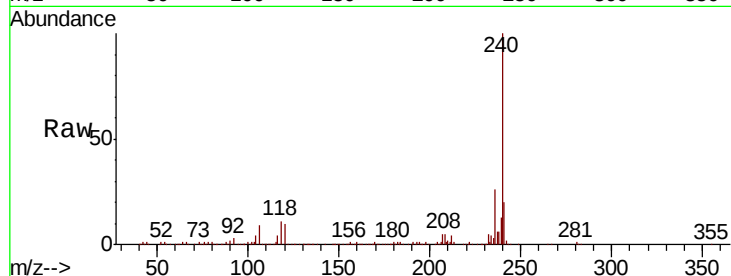




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037526.D
 Acq: 25 Oct 2018 00:41

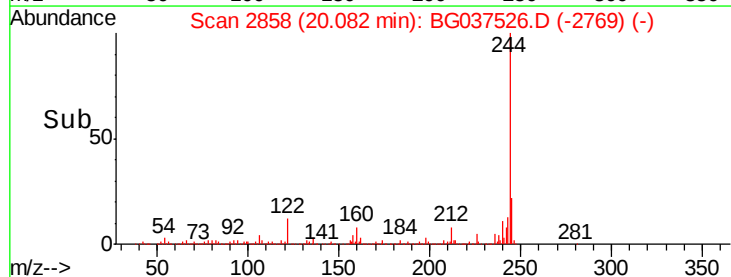
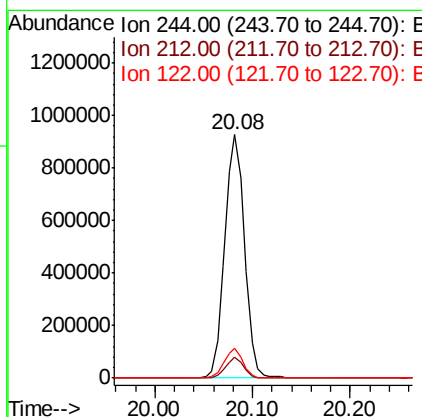
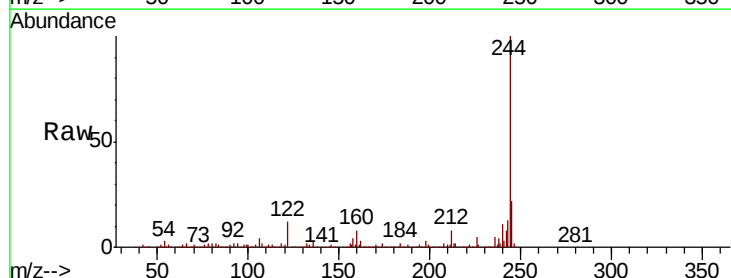
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:240 Resp: 360879
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.1 12.1
 236 26.3 21.4 32.0



#79
 Terphenyl-d14
 Concen: 77.231 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037526.D
 Acq: 25 Oct 2018 00:41

Tgt Ion:244 Resp: 1304363
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 12.0 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037526.D
Acq: 25 Oct 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.6	17.9	26.9

