

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037520.D
 Acq On : 24 Oct 2018 20:45
 Operator : JU/SJ
 Sample : J5198-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 08:00:55 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

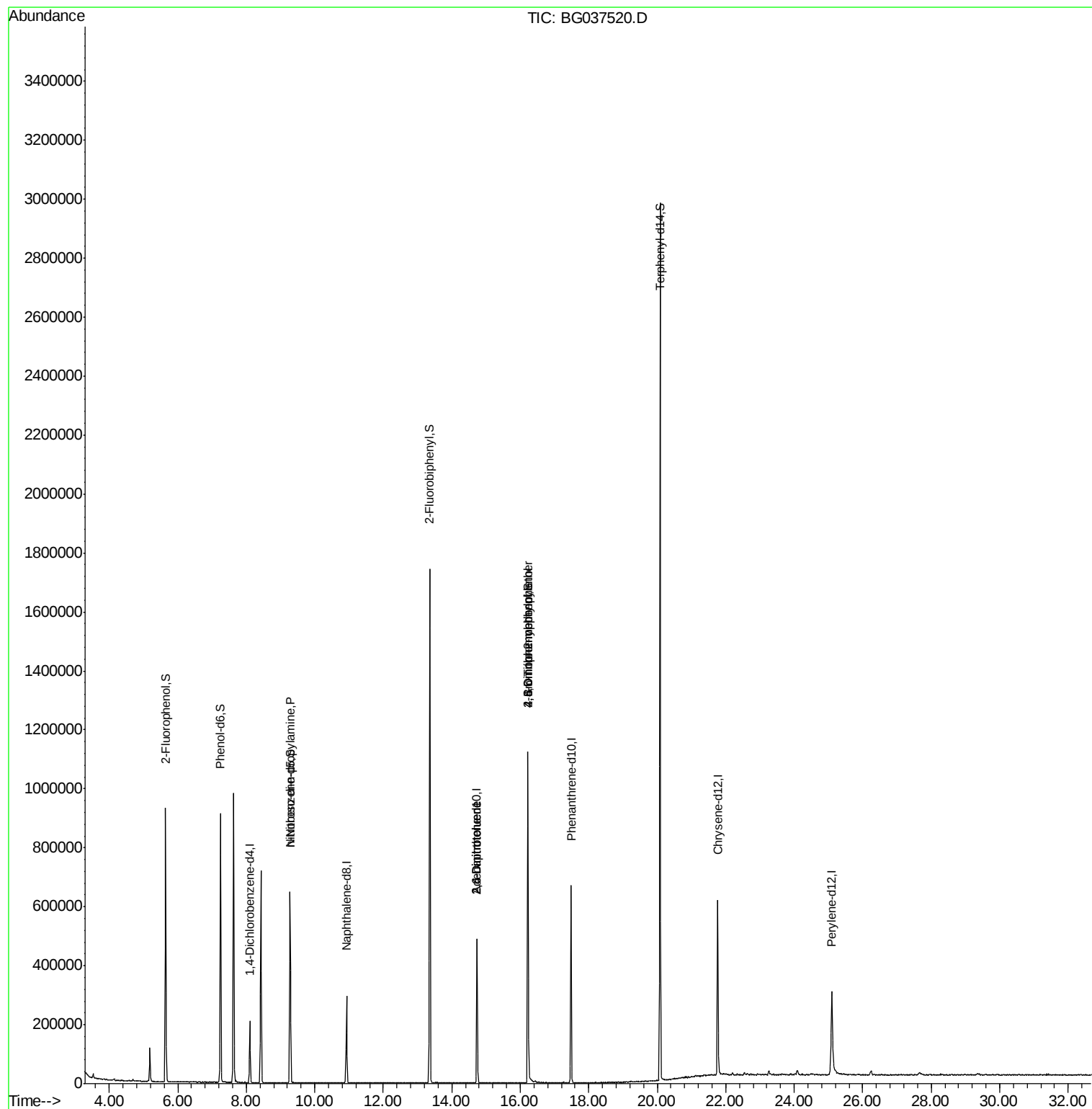
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60016	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	262452	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	175610	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	416476	20.00	ng	0.00
76) Chrysene-d12	21.77	240	377784	20.00	ng	0.00
87) Perylene-d12	25.10	264	350995	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	426776	118.89	ng	0.00
7) Phenol-d6	7.25	99	558664	102.92	ng	0.00
23) Nitrobenzene-d5	9.28	82	398702	85.10	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	213658	111.55	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	936638	80.43	ng	0.00
79) Terphenyl-d14	20.08	244	1412493	79.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	51698	13.831	ng	# 68
51) 2,6-Dinitrotoluene	14.73	165	22946	7.635	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	22946	5.816	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	735	8.784	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	15236	3.331	ng	# 1

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

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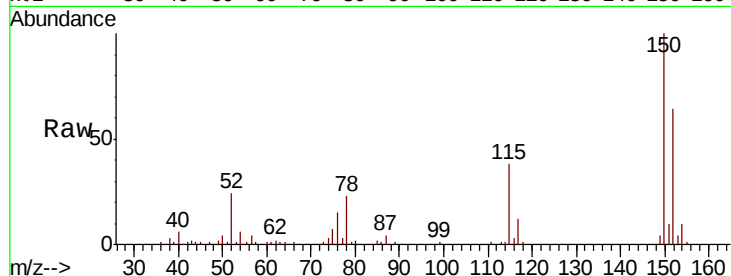


#1

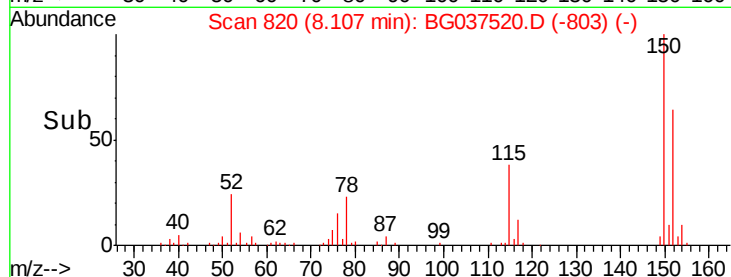
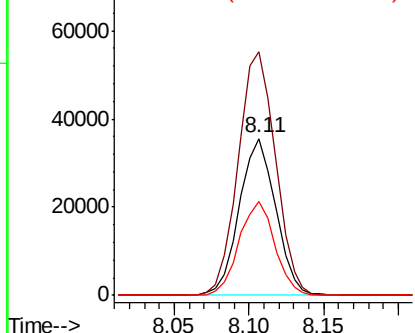
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037520.D
Acq: 24 Oct 2018 20:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 60016
Ion Ratio Lower Upper
152 100
150 155.5 126.0 189.0
115 59.7 45.5 68.3



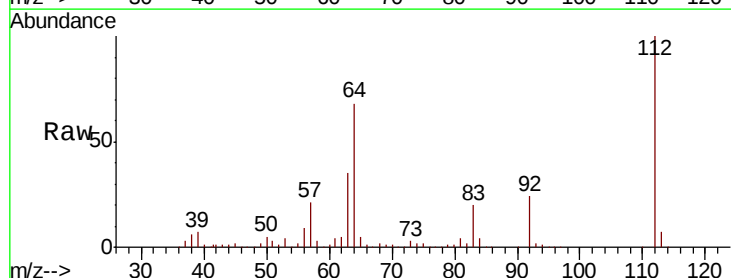
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



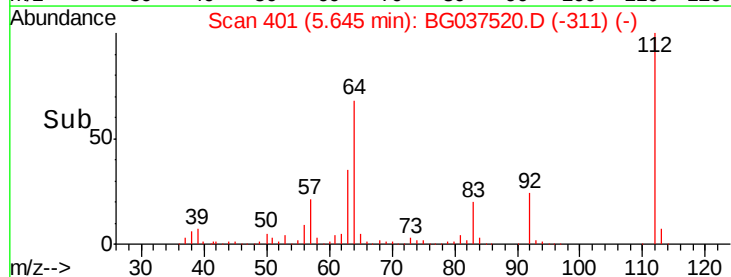
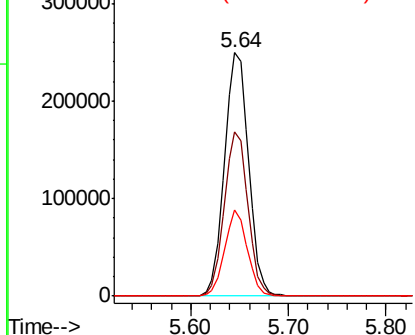
#5

2-Fluorophenol
Concen: 118.886 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037520.D
Acq: 24 Oct 2018 20:45

Tgt Ion:112 Resp: 426776
Ion Ratio Lower Upper
112 100
64 67.7 53.1 79.7
63 35.5 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: 102.919 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037520.D

Acq: 24 Oct 2018 20:45

Instrument :

BNA_G

ClientSampleId :

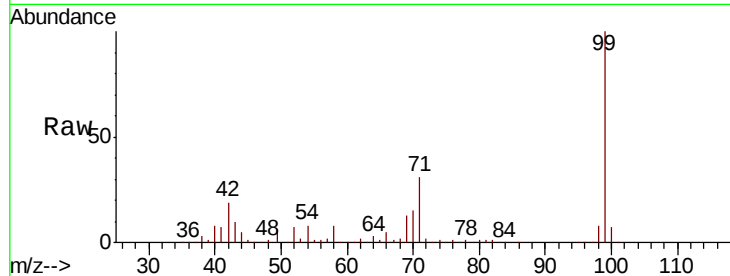
Tot Ion: 99 Resp: 558664

Ion Ratio Lower Upper

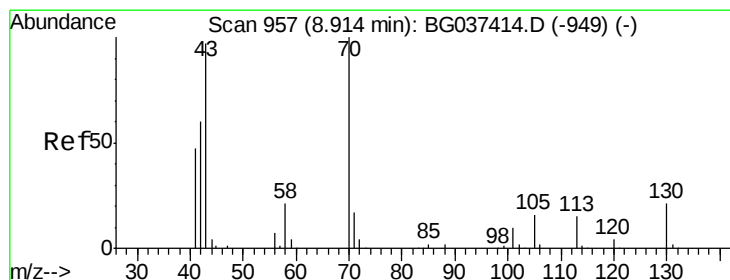
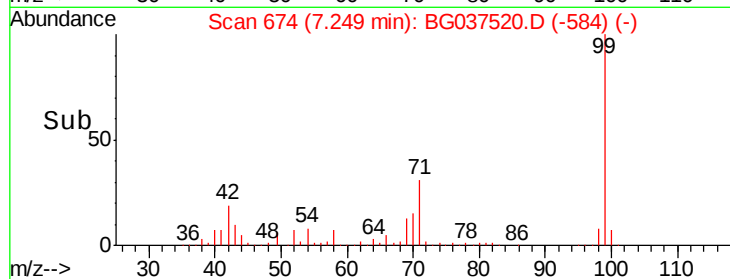
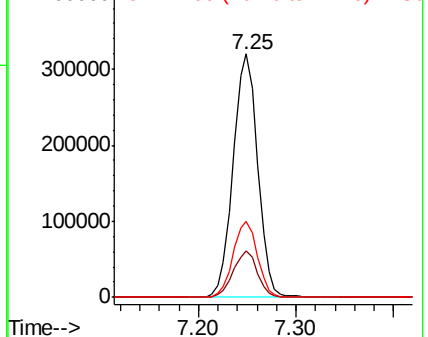
99 100

42 19.0 15.0 22.4

71 31.4 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: 13.831 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037520.D

Acq: 24 Oct 2018 20:45

Tgt Ion: 70 Resp: 51698

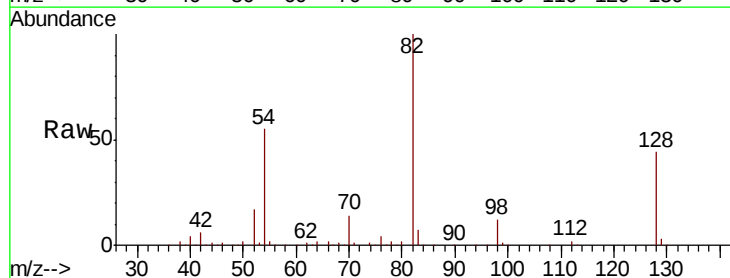
Ion Ratio Lower Upper

70 100

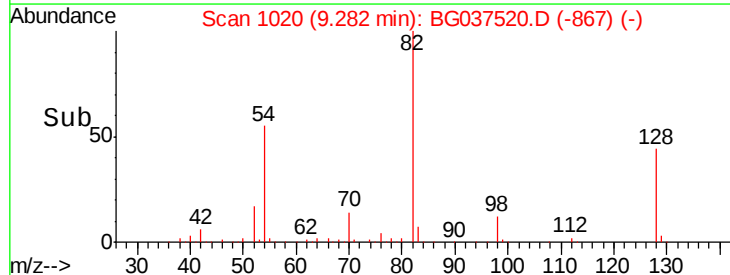
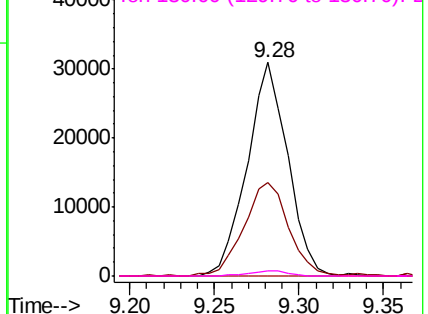
42 43.6 53.9 80.9#

101 0.0 8.2 12.2#

130 2.5 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

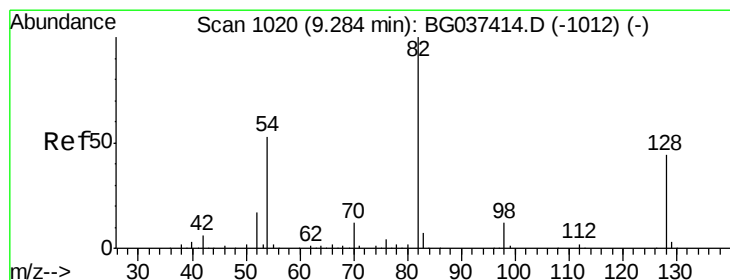
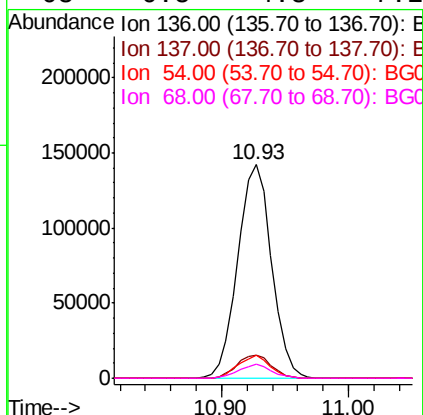
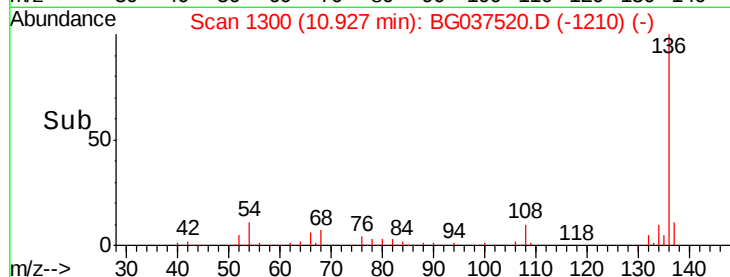
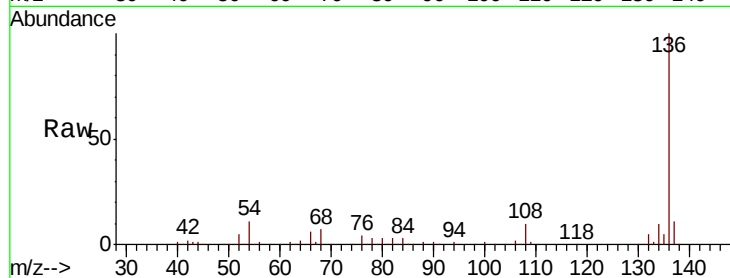




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037520.D
Acq: 24 Oct 2018 20:45

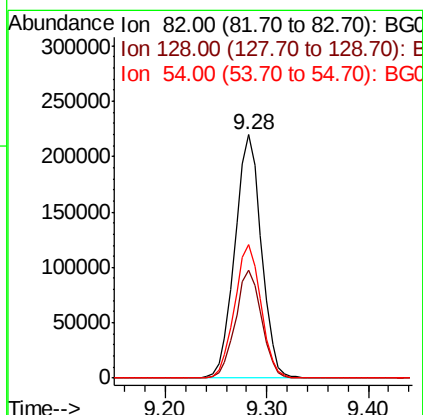
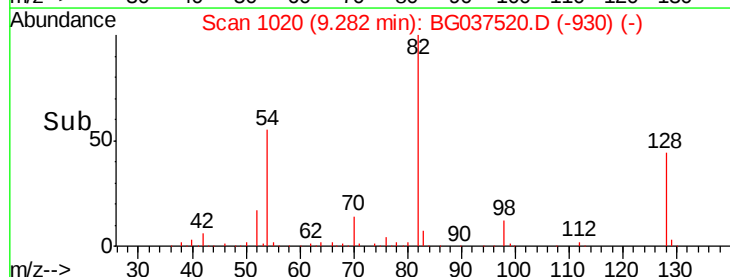
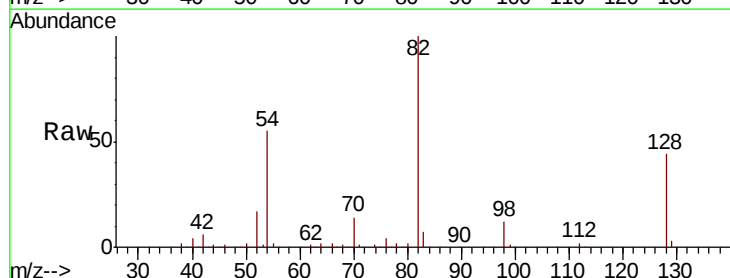
Instrument :
BNA_G
ClientSampleId :

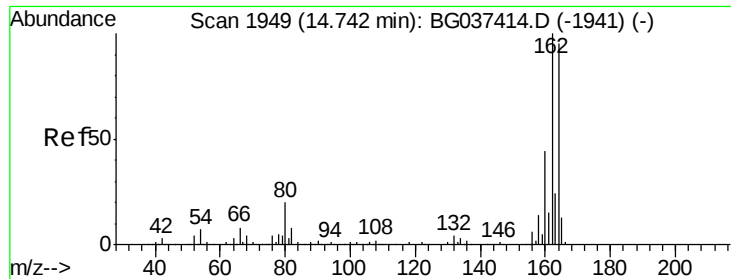
Tot Ion:136	Resp:	262452	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.6	14.4	
54 10.8	7.9	11.9	
68 6.5	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 85.101 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037520.D
Acq: 24 Oct 2018 20:45

Tgt Ion: 82	Resp: 398702
Ion Ratio	Lower Upper
82 100	
128 44.2	34.6 51.8
54 55.0	45.3 67.9

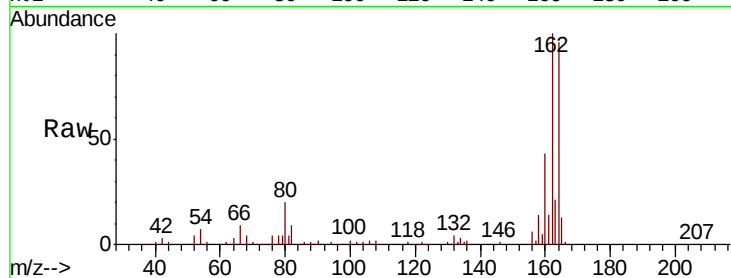




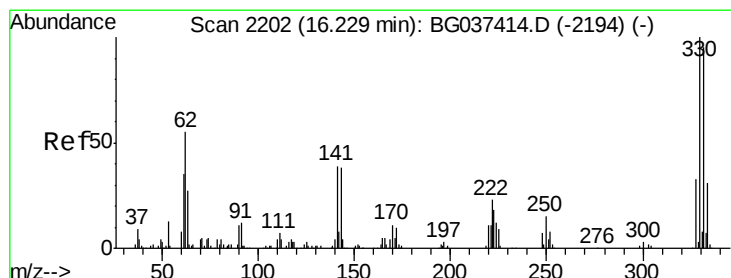
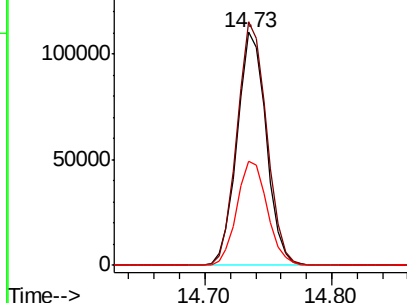
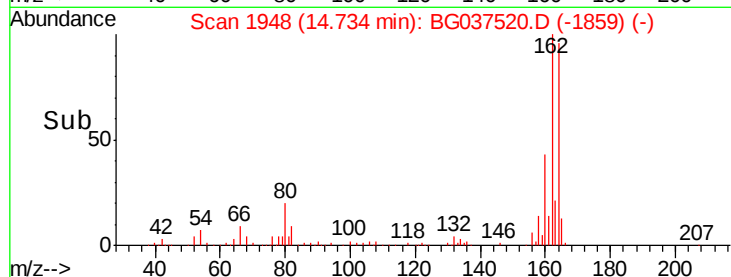
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037520.D
Acq: 24 Oct 2018 20:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 175610
Ion Ratio Lower Upper
164 100
162 104.5 81.3 121.9
160 44.7 36.3 54.5

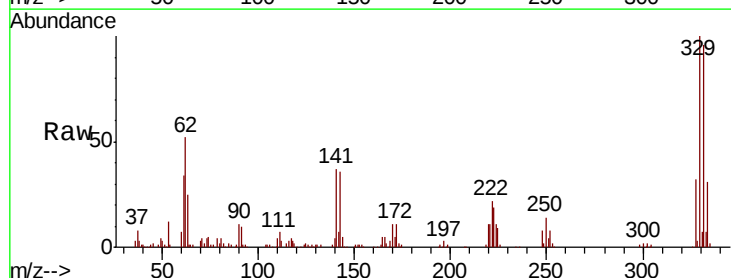


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

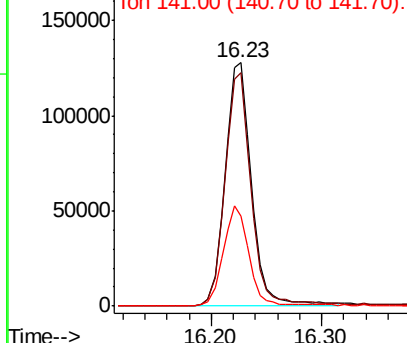
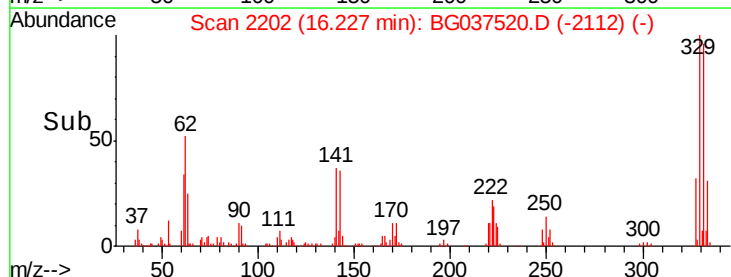


#42
2,4,6-Tribromophenol
Concen: 111.550 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037520.D
Acq: 24 Oct 2018 20:45

Tgt Ion:330 Resp: 213658
Ion Ratio Lower Upper
330 100
332 95.8 78.4 117.6
141 40.4 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

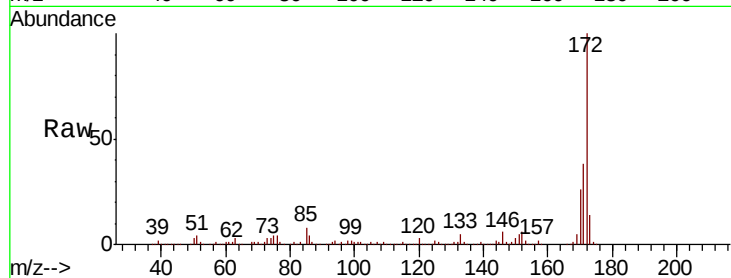




#45
2-Fluorobiphenyl
Concen: 80.428 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037520.D
Acq: 24 Oct 2018 20:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.6	20.2	30.2

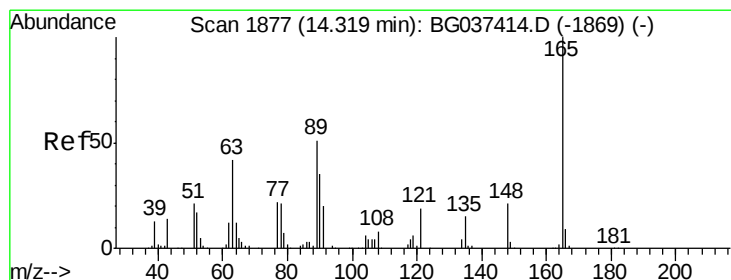
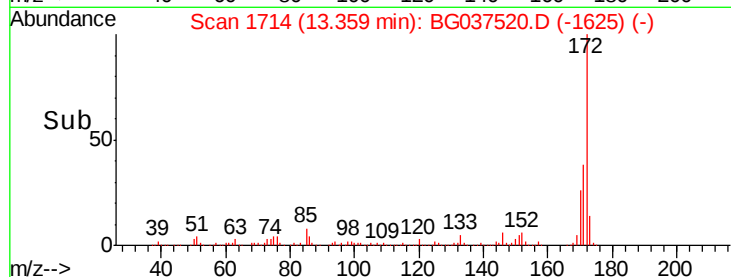
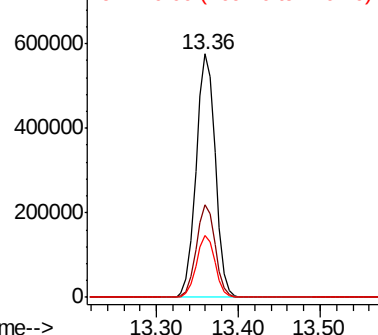


Abundance

Ion 172.00 (171.70 to 172.70): E

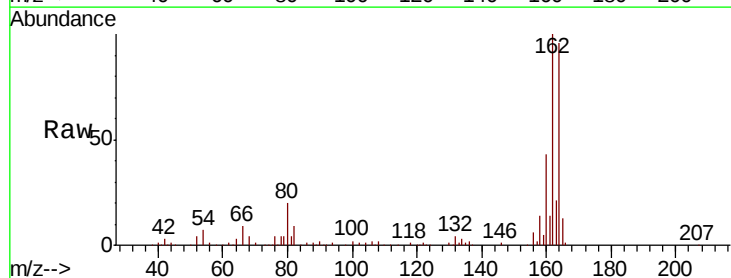
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
2,6-Dinitrotoluene
Concen: 7.635 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.42 min
Lab File: BG037520.D
Acq: 24 Oct 2018 20:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.2#
89	1.1	45.8	68.6#

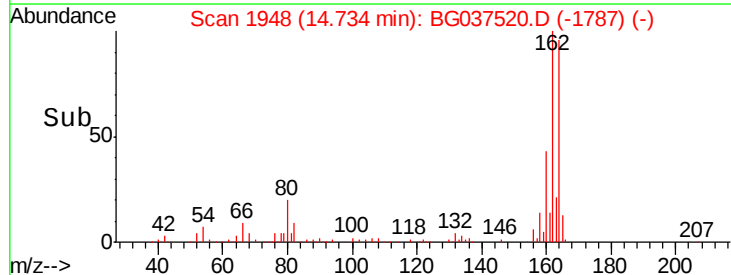
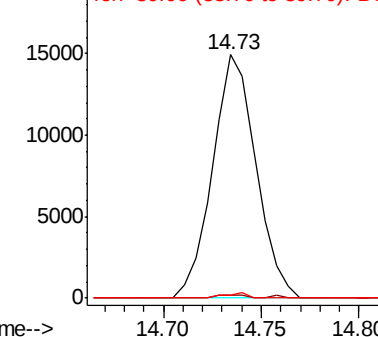


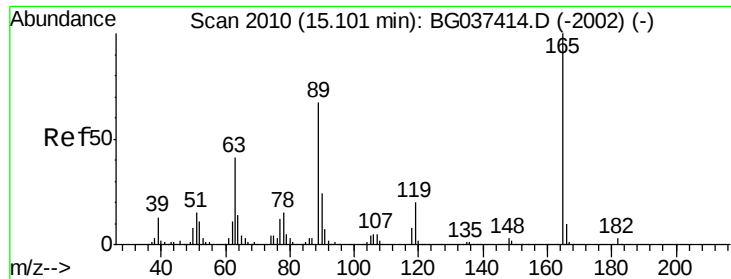
Abundance

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: 5.816 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037520.D

Acq: 24 Oct 2018 20:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 22946

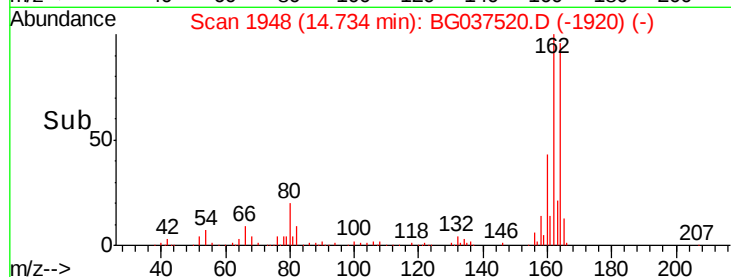
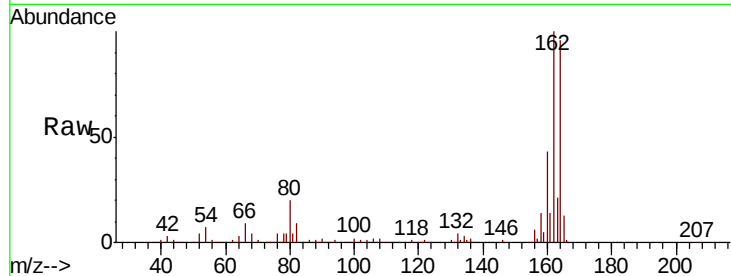
Ion Ratio Lower Upper

165 100

63 1.1 33.4 50.0#

89 1.1 57.2 85.8#

182 0.0 2.6 4.0#

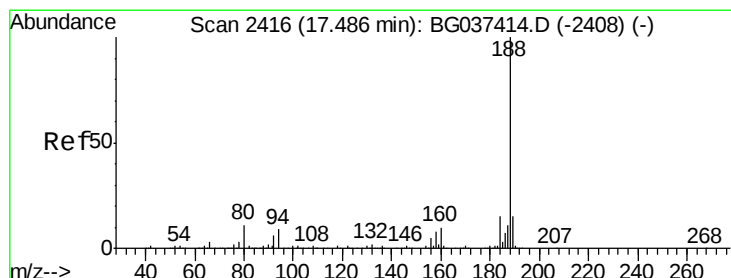
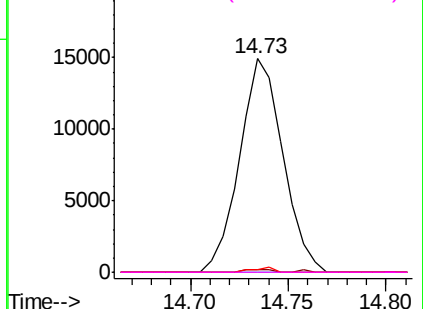


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG037520.D

Acq: 24 Oct 2018 20:45

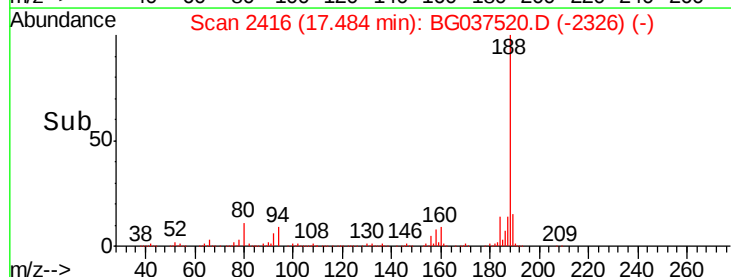
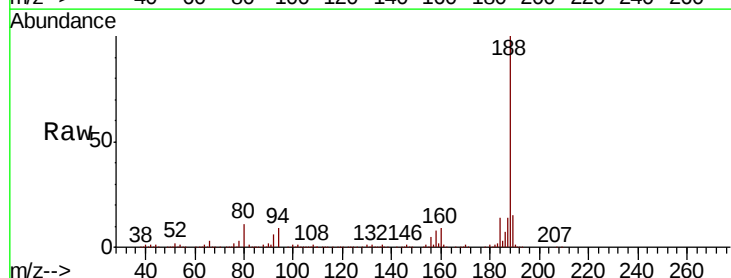
Tgt Ion:188 Resp: 416476

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

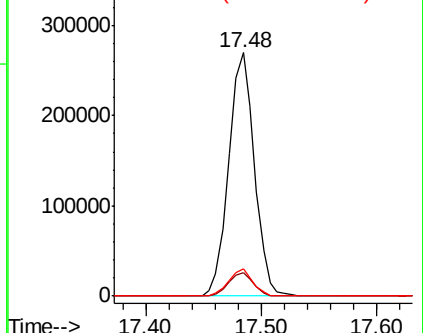
80 11.2 7.7 11.5



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

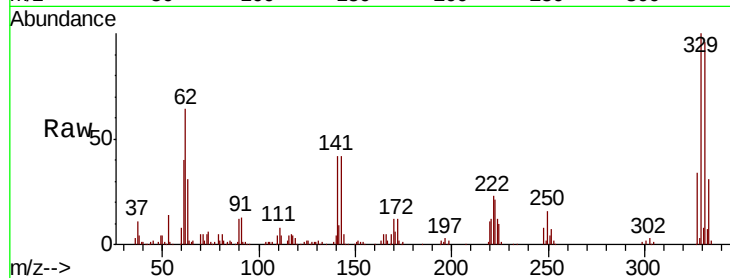




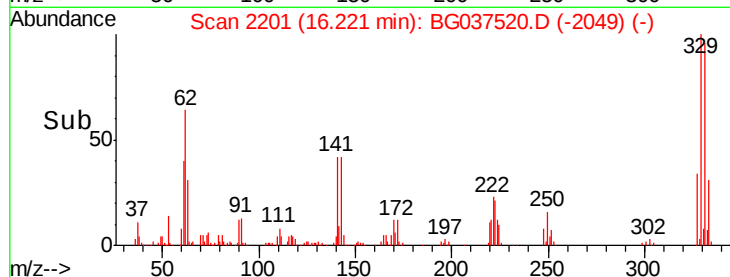
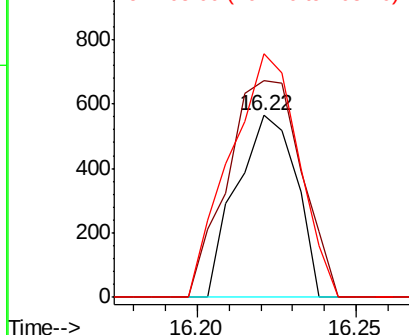
#65
4,6-Dinitro-2-methylphenol
Concen: 8.784 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037520.D
Acq: 24 Oct 2018 20:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 735
Ion Ratio Lower Upper
198 100
51 118.9 22.7 62.7#
105 133.8 19.7 59.7#

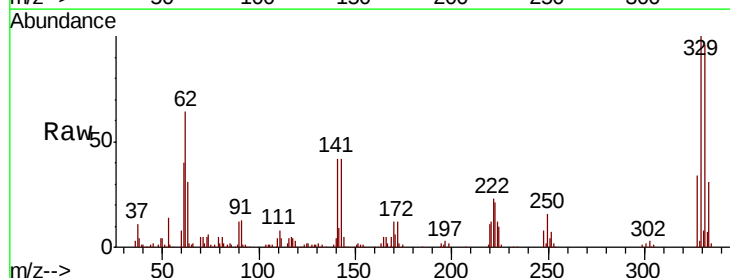


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

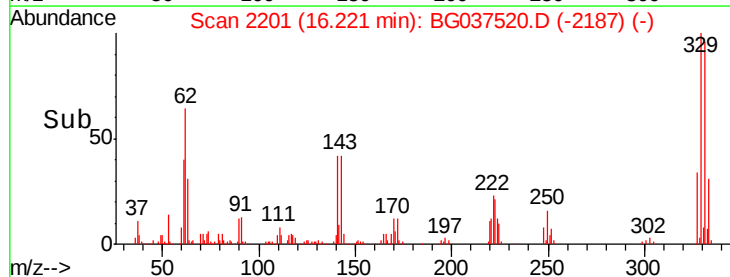
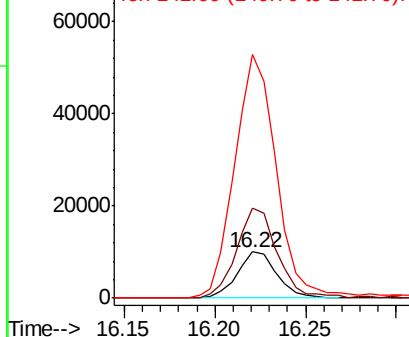


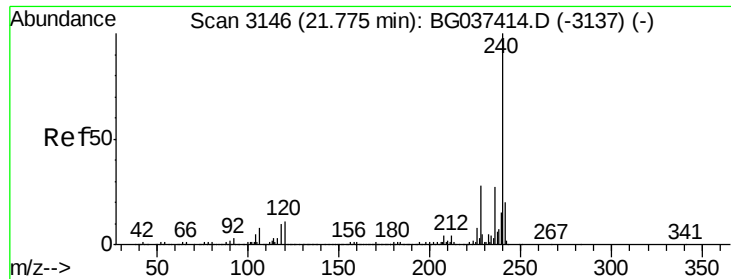
#67
4-Bromophenyl-phenylether
Concen: 3.331 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037520.D
Acq: 24 Oct 2018 20:45

Tgt Ion:248 Resp: 15236
Ion Ratio Lower Upper
248 100
250 190.7 77.0 115.6#
141 405.6 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

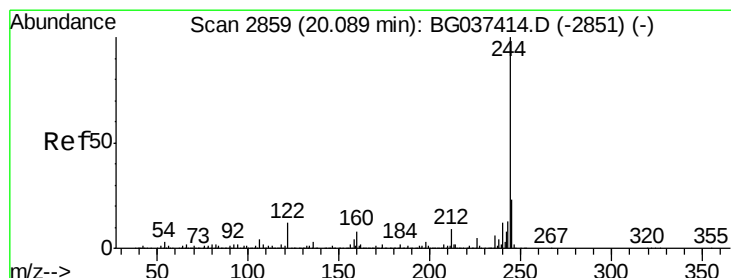
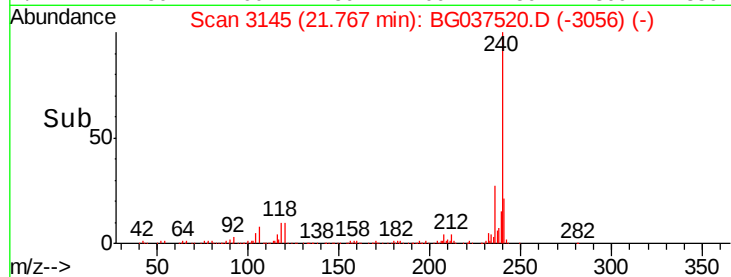
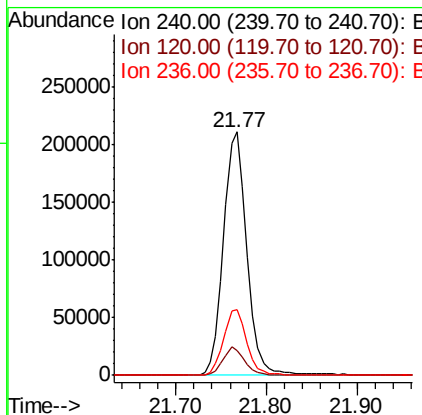
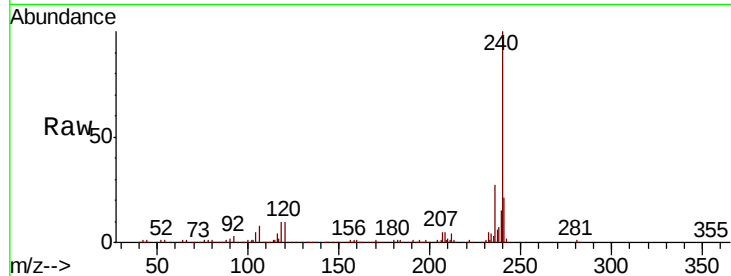




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037520.D
 Acq: 24 Oct 2018 20:45

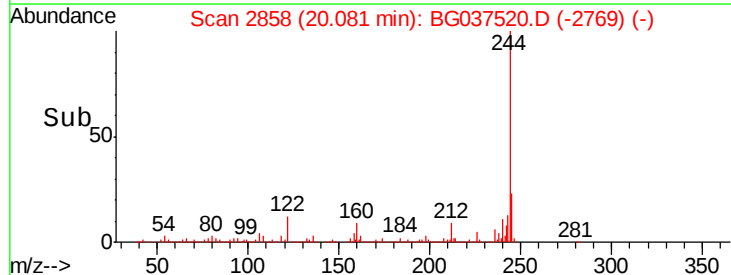
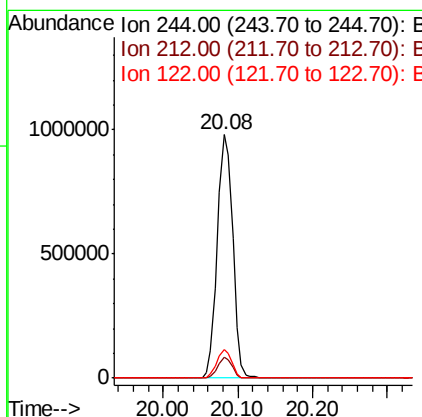
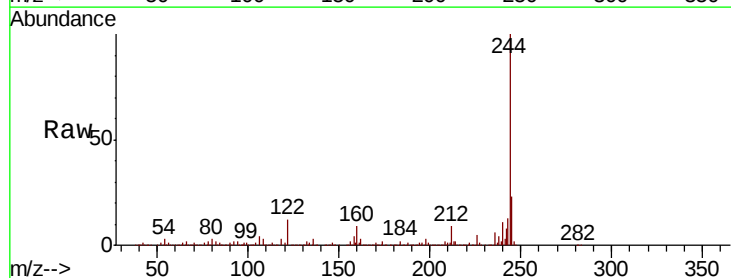
Instrument :
 BNA_G
 ClientSampled :

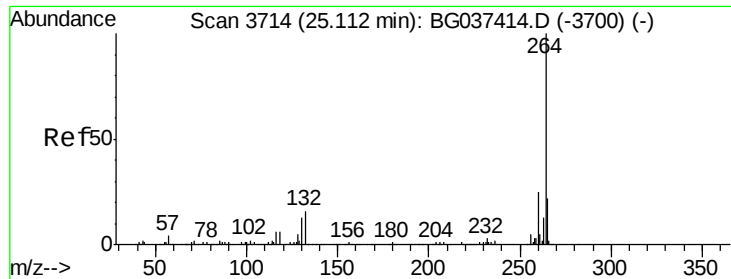
Tot Ion:240 Resp: 377784
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.1 12.1
 236 27.2 21.4 32.0



#79
 Terphenyl-d14
 Concen: 79.891 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037520.D
 Acq: 24 Oct 2018 20:45

Tgt Ion:244 Resp: 1412493
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.5 9.7
 122 11.9 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: BG037520.D
Acq: 24 Oct 2018 20:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.7	17.9	26.9

