

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037522.D
 Acq On : 24 Oct 2018 22:04
 Operator : JU/SJ
 Sample : J5198-28
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 08:01:10 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

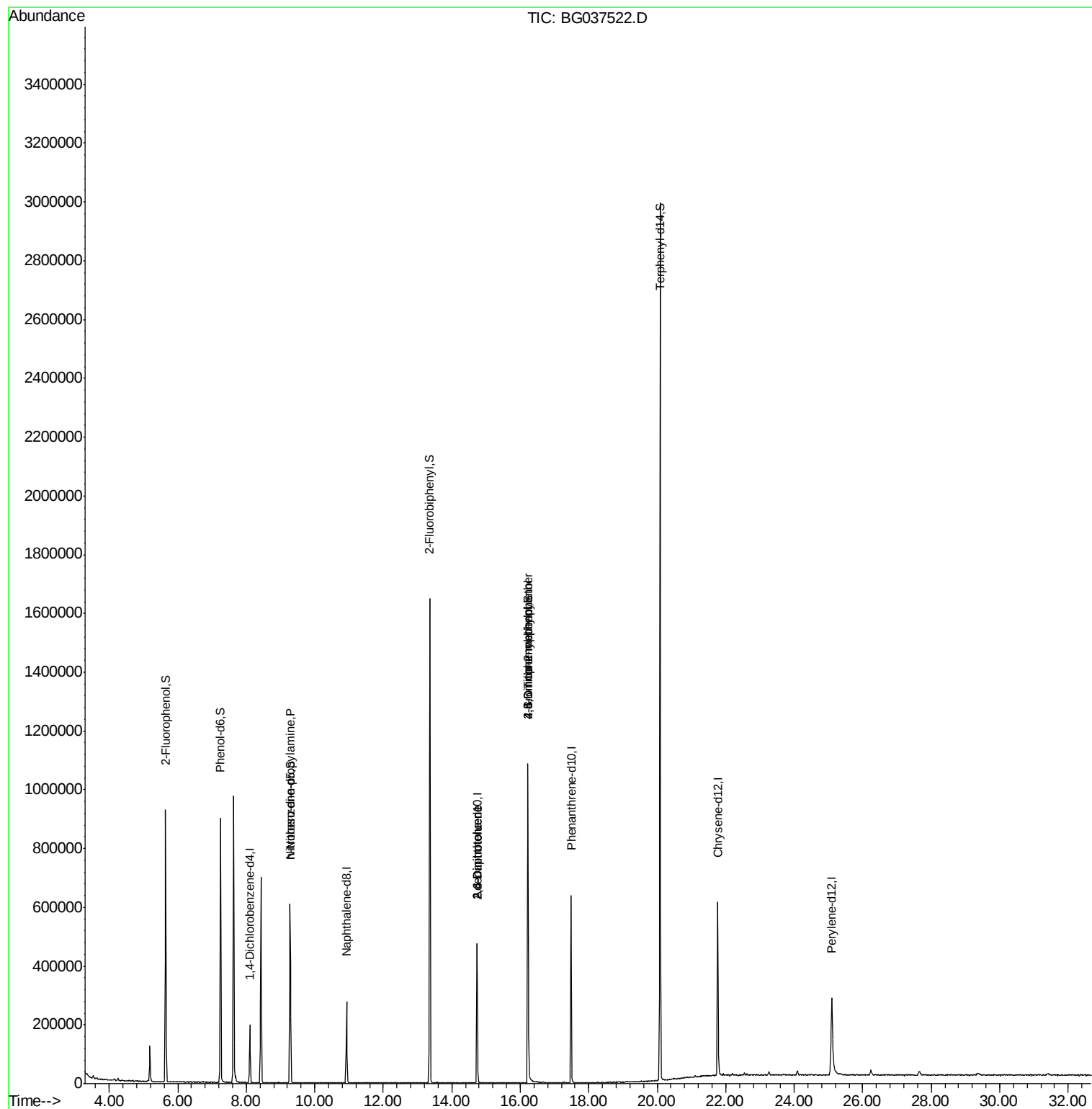
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	58337	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	247204	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	170320	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	409564	20.00	ng	0.00
76) Chrysene-d12	21.77	240	380597	20.00	ng	0.00
87) Perylene-d12	25.10	264	358872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	415836	119.17	ng	0.00
7) Phenol-d6	7.25	99	558328	105.82	ng	0.00
23) Nitrobenzene-d5	9.28	82	384211	87.07	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	212632	114.46	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	905276	80.15	ng	0.00
79) Terphenyl-d14	20.08	244	1426502	80.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	49159	13.530	ng	# 76
51) 2,6-Dinitrotoluene	14.74	165	21302	7.308	ng	# 23
57) 2,4-Dinitrotoluene	14.74	165	21302	5.567	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.22	198	618	8.744	ng	92
67) 4-Bromophenyl-phenylether	16.23	248	15510	3.448	ng	# 1

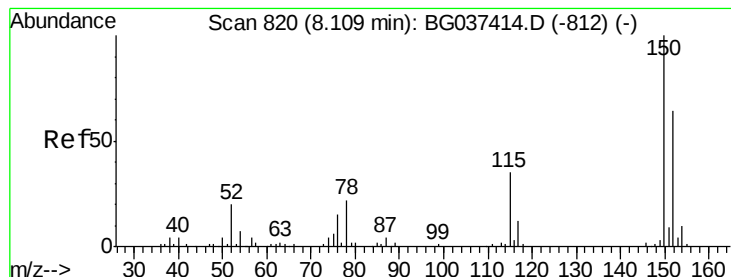
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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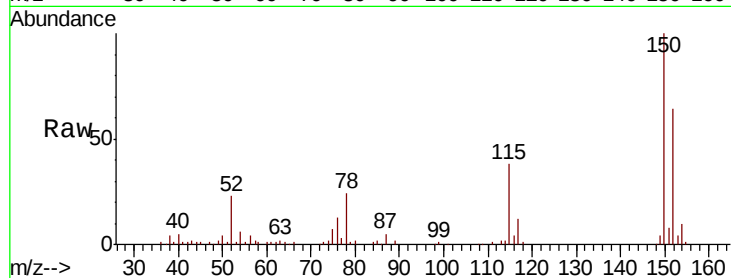


#1

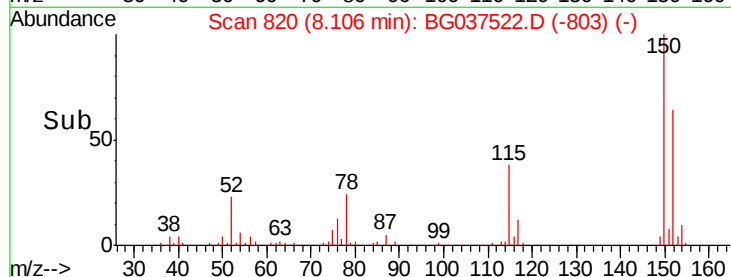
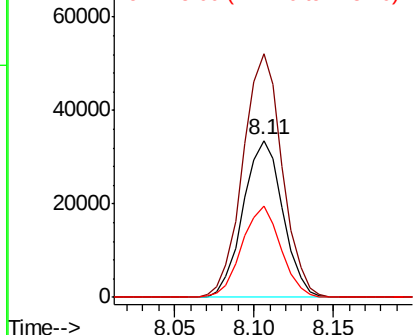
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037522.D
Acq: 24 Oct 2018 22:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58337
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 58.3 45.5 68.3



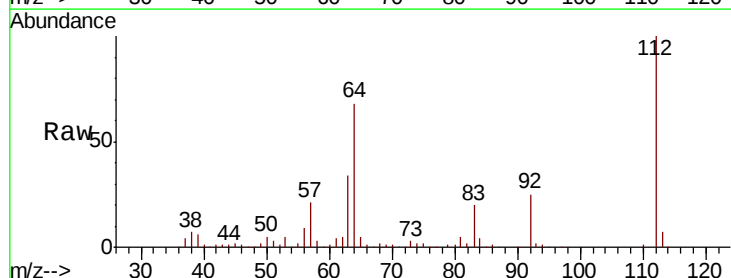
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



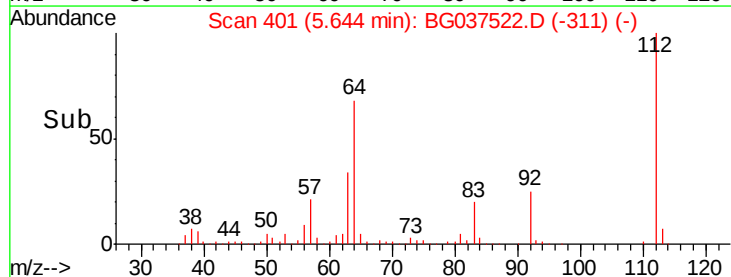
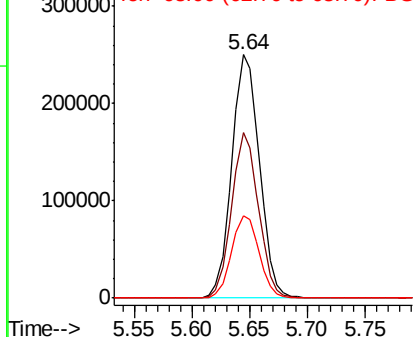
#5

2-Fluorophenol
Concen: 119.173 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037522.D
Acq: 24 Oct 2018 22:04

Tgt Ion:112 Resp: 415836
Ion Ratio Lower Upper
112 100
64 67.8 53.1 79.7
63 33.7 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: 105.817 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037522.D

Acq: 24 Oct 2018 22:04

Instrument :

BNA_G

ClientSampleId :

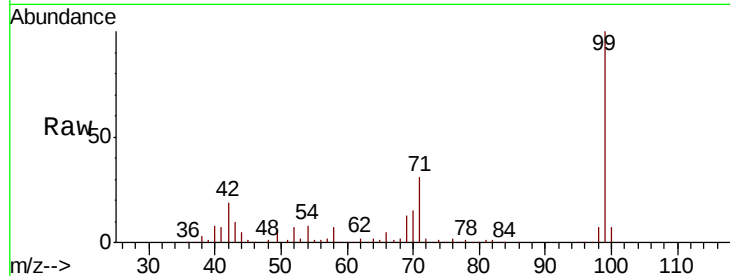
Tot Ion: 99 Resp: 558328

Ion Ratio Lower Upper

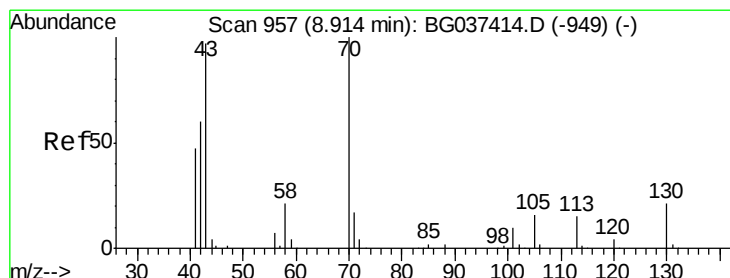
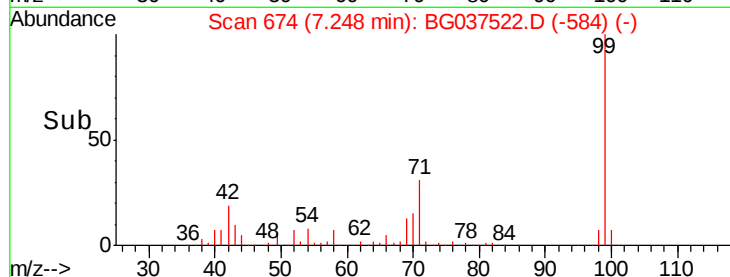
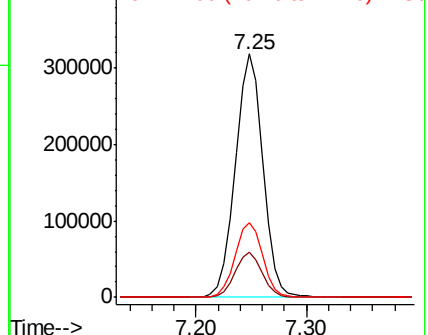
99 100

42 18.8 15.0 22.4

71 30.7 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: 13.530 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037522.D

Acq: 24 Oct 2018 22:04

Tgt Ion: 70 Resp: 49159

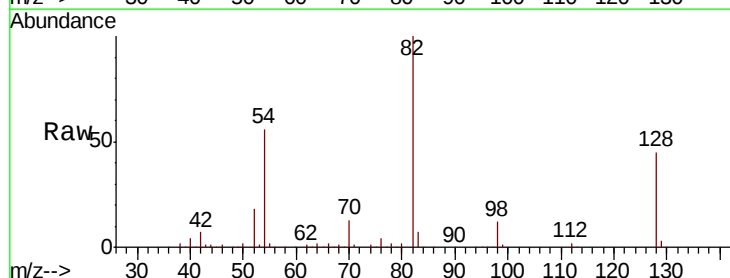
Ion Ratio Lower Upper

70 100

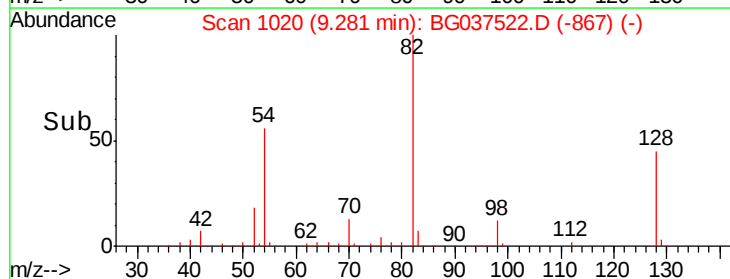
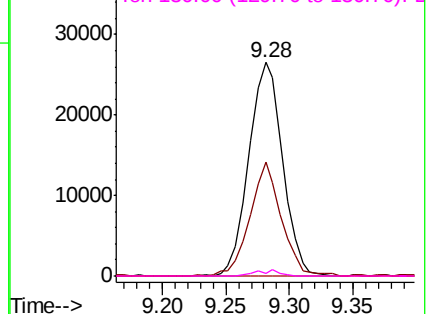
42 53.5 53.9 80.9#

101 0.0 8.2 12.2#

130 1.5 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

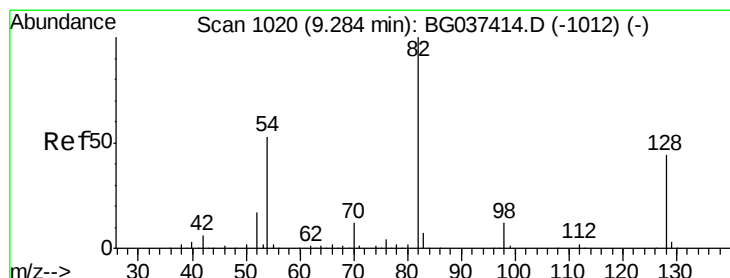
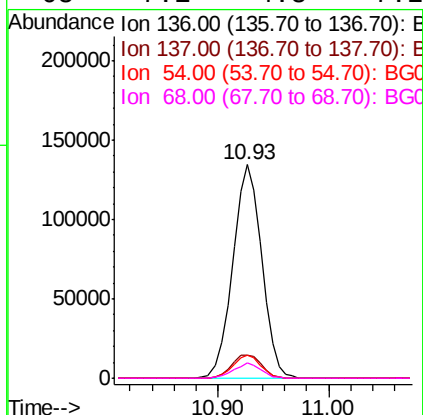
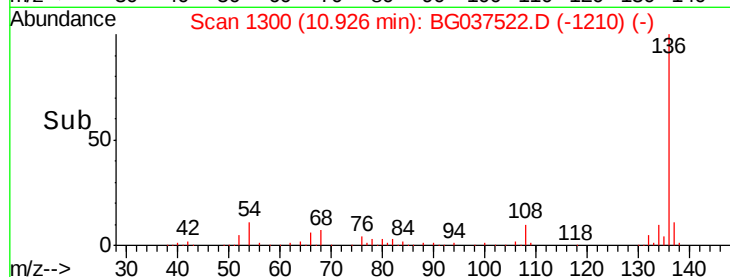
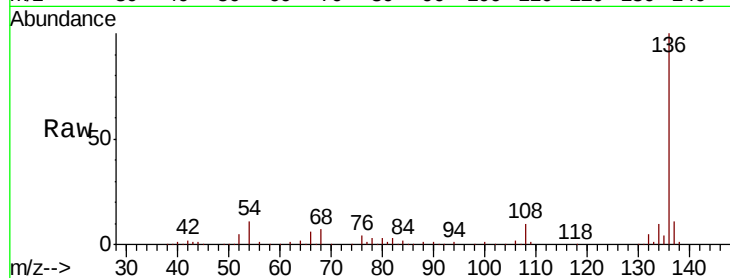




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037522.D
Acq: 24 Oct 2018 22:04

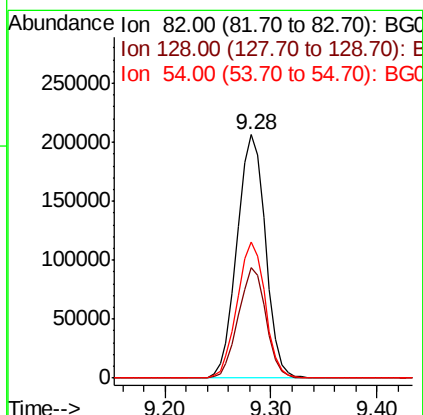
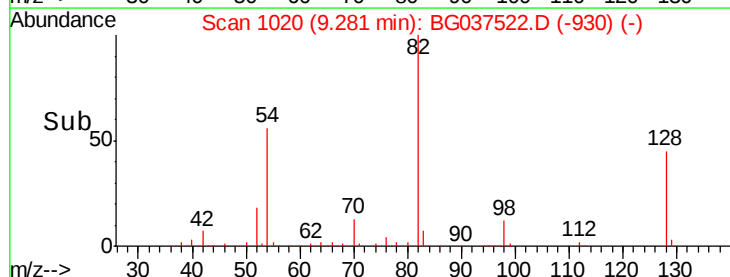
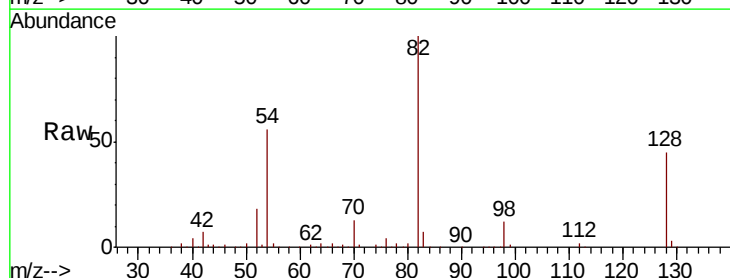
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	247204
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	10.7	7.9	11.9
68	7.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 87.066 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037522.D
Acq: 24 Oct 2018 22:04

Tgt Ion:	82	Resp:	384211
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	56.0	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037522.D

Acq: 24 Oct 2018 22:04

Instrument :

BNA_G

ClientSampleId :

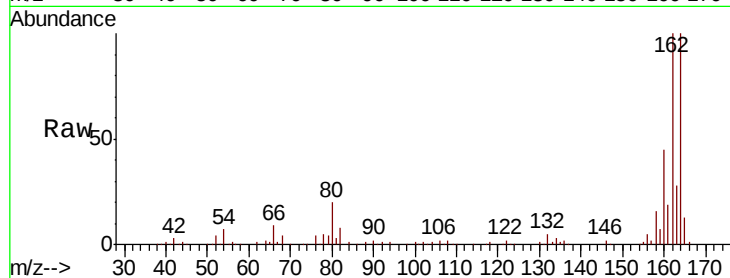
Tot Ion:164 Resp: 170320

Ion Ratio Lower Upper

164 100

162 100.0 81.3 121.9

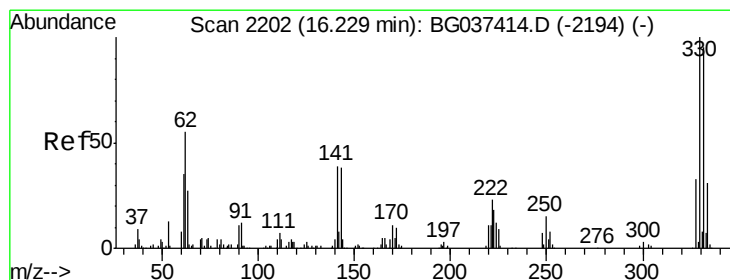
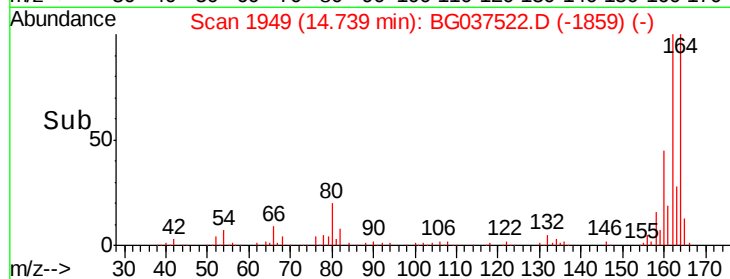
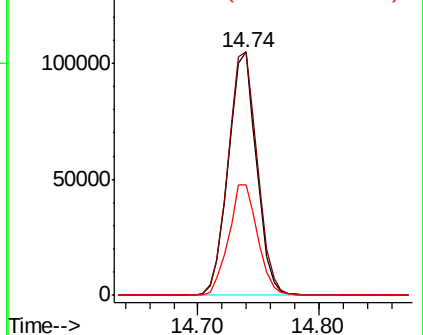
160 45.3 36.3 54.5



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: 114.462 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037522.D

Acq: 24 Oct 2018 22:04

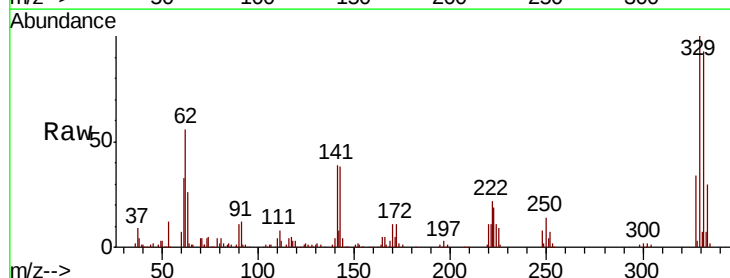
Tgt Ion:330 Resp: 212632

Ion Ratio Lower Upper

330 100

332 93.8 78.4 117.6

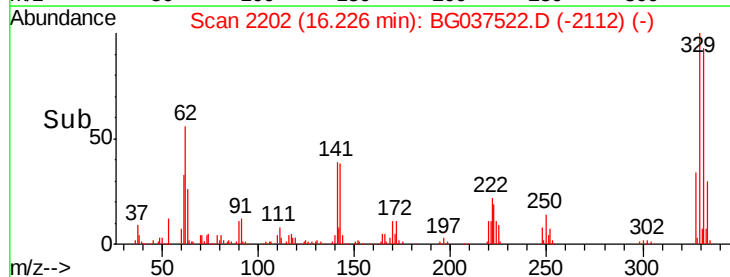
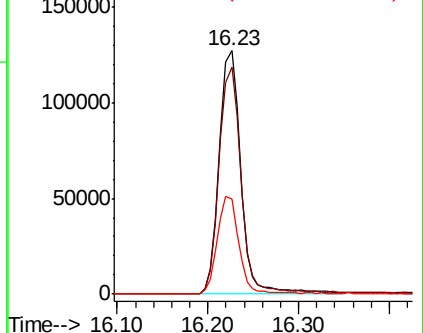
141 39.8 32.2 48.2



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

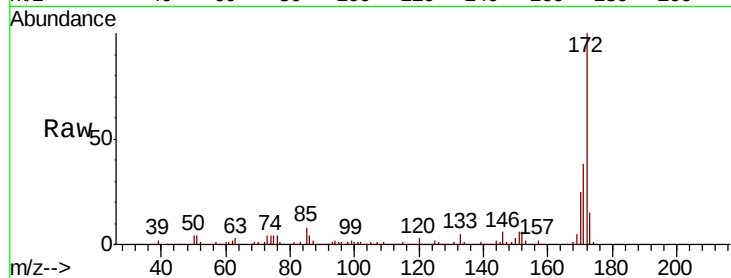




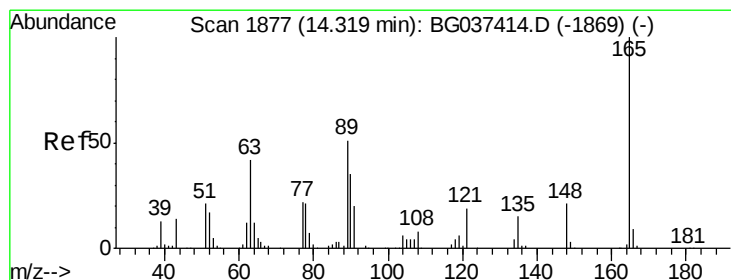
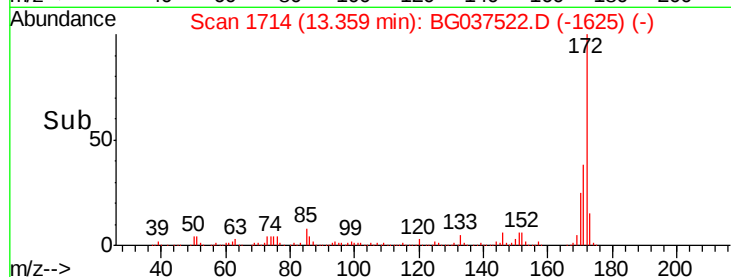
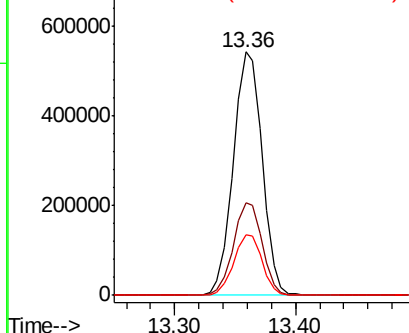
#45
 2-Fluorobiphenyl
 Concen: 80.149 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037522.D
 Acq: 24 Oct 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.0	20.2	30.2

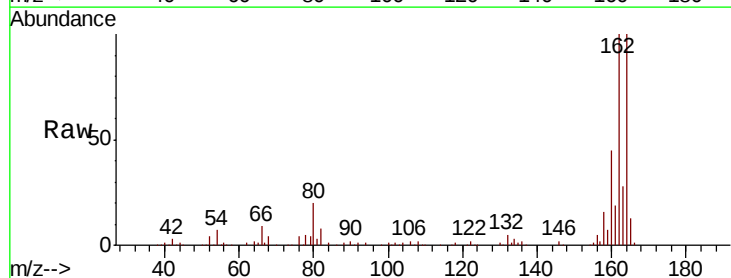


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

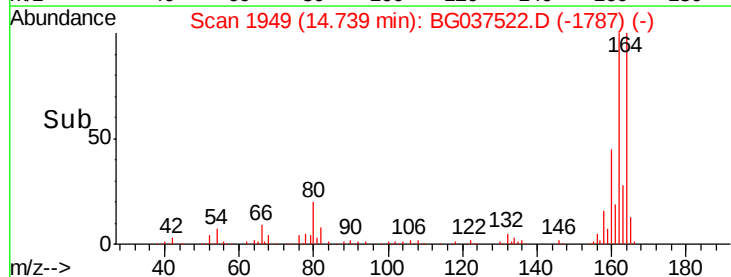
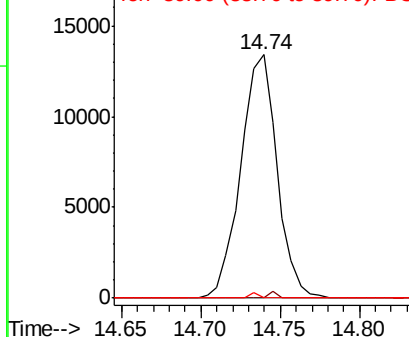


#51
 2,6-Dinitrotoluene
 Concen: 7.308 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG037522.D
 Acq: 24 Oct 2018 22:04

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

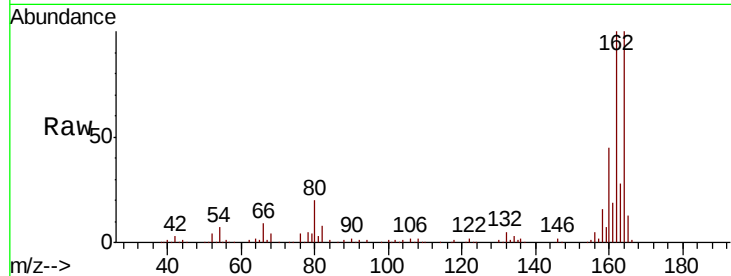




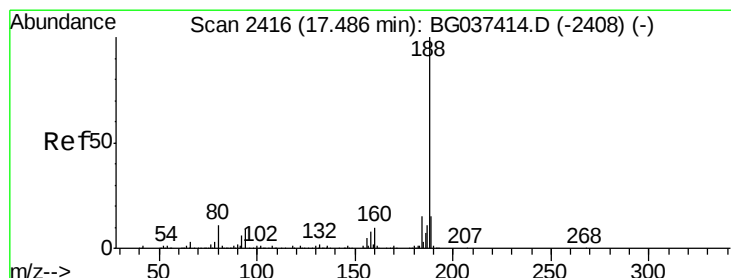
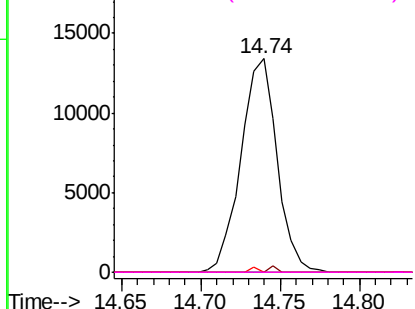
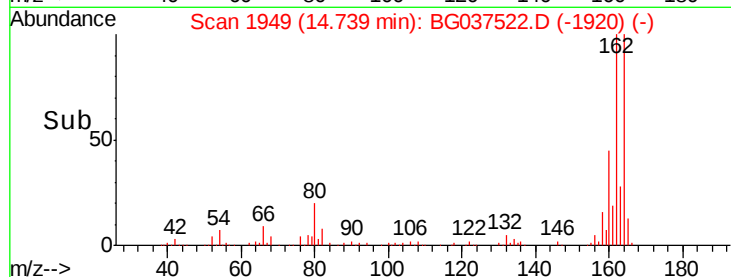
#57
 2,4-Dinitrotoluene
 Concen: 5.567 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG037522.D
 Acq: 24 Oct 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	21302
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	0.0	57.2 85.8#
182	0.0	2.6 4.0#

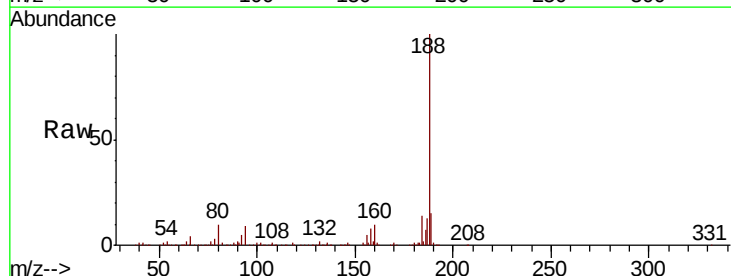


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

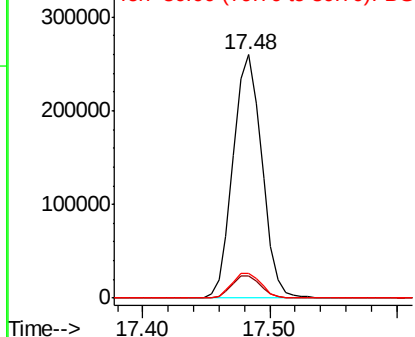
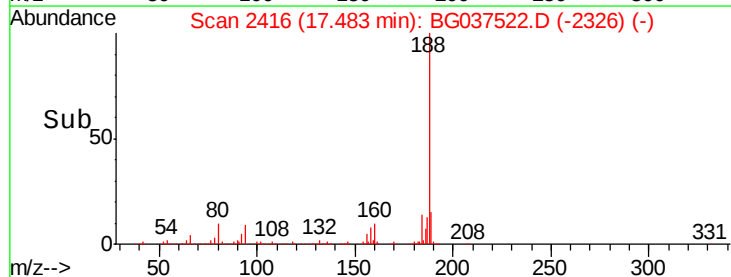


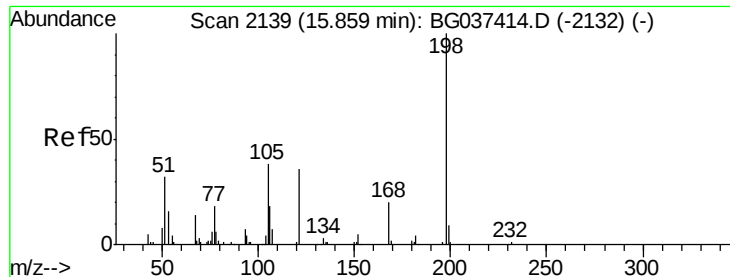
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037522.D
 Acq: 24 Oct 2018 22:04

Tgt Ion:188	Resp:	409564
Ion Ratio	Lower	Upper
188	100	
94	9.2	7.2 10.8
80	10.3	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

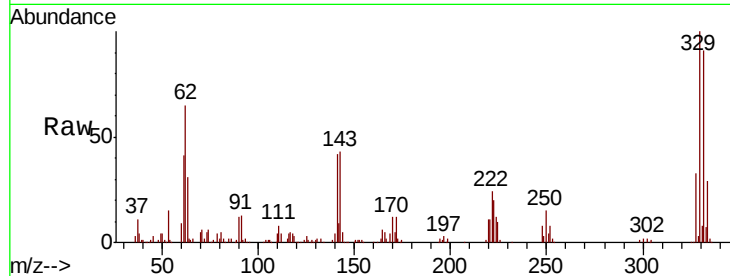




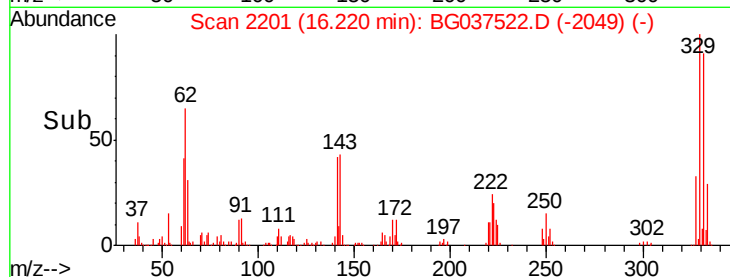
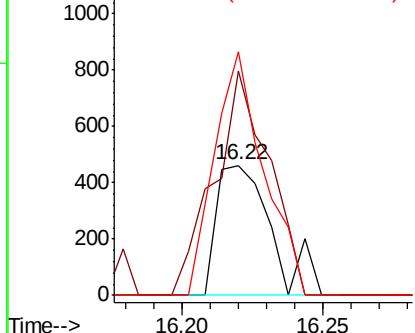
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.744 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037522.D
 Acq: 24 Oct 2018 22:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 618
 Ion Ratio Lower Upper
 198 100
 51 34.6 22.7 62.7
 105 37.5 19.7 59.7

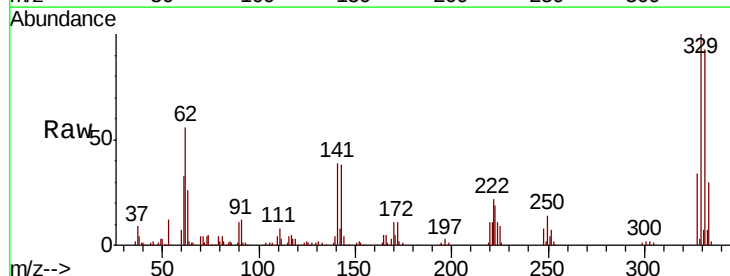


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

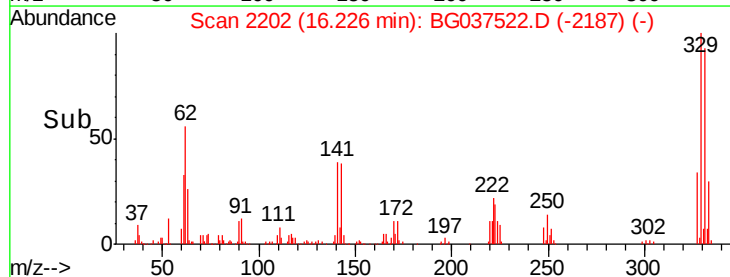
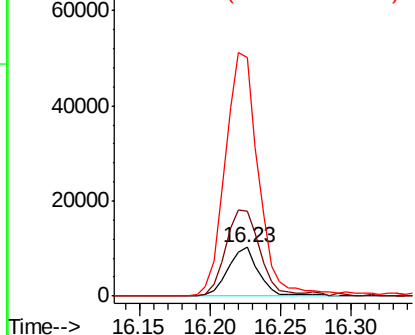


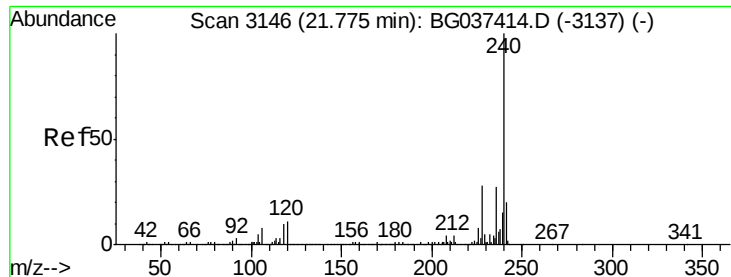
#67
 4-Bromophenyl-phenylether
 Concen: 3.448 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037522.D
 Acq: 24 Oct 2018 22:04

Tgt Ion:248 Resp: 15510
 Ion Ratio Lower Upper
 248 100
 250 177.9 77.0 115.6#
 141 377.1 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

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037522.D

Acq: 24 Oct 2018 22:04

Instrument :

BNA_G

ClientSampled :

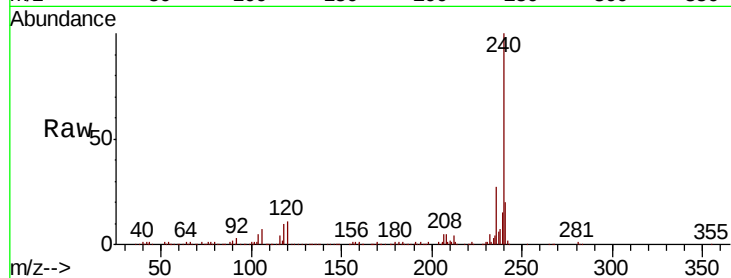
Tot Ion:240 Resp: 380597

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

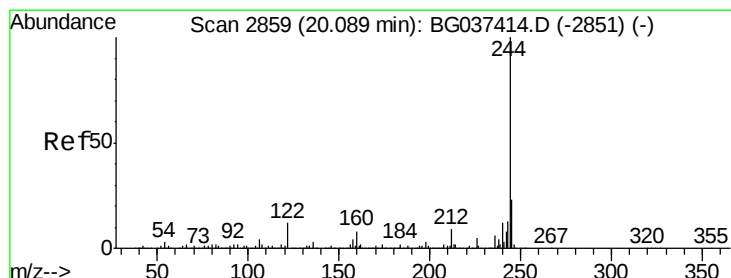
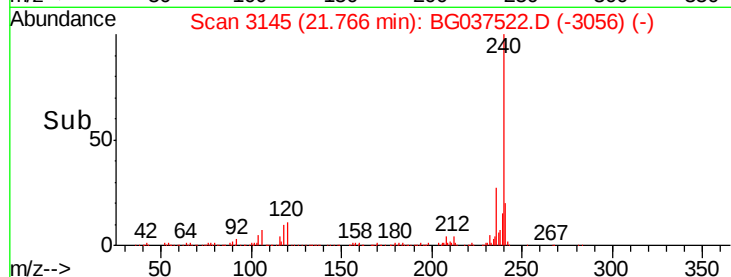
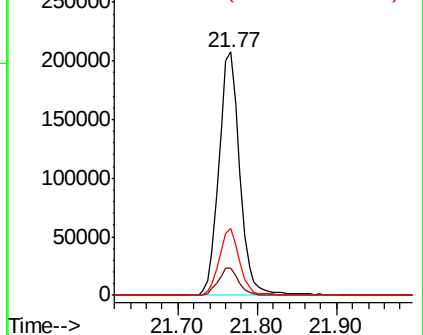
236 27.5 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 80.087 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037522.D

Acq: 24 Oct 2018 22:04

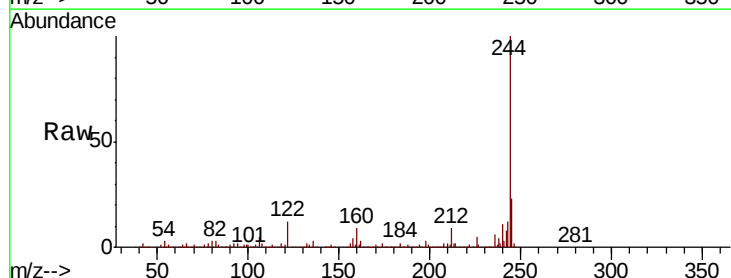
Tgt Ion:244 Resp: 1426502

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

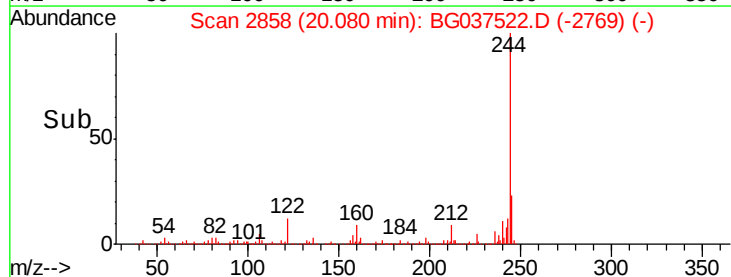
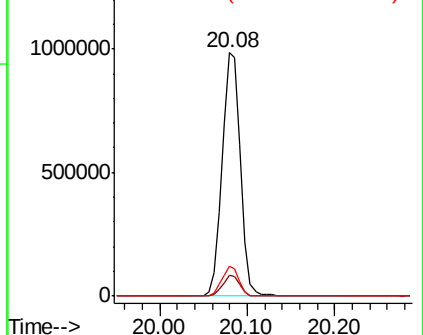
122 12.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037522.D
Acq: 24 Oct 2018 22:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 358872
Ion Ratio Lower Upper
264 100
260 22.4 18.2 27.4
265 21.2 17.9 26.9

