

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037477.D
 Acq On : 23 Oct 2018 15:33
 Operator : JU/SJ
 Sample : PB114082BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 04:41:41 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

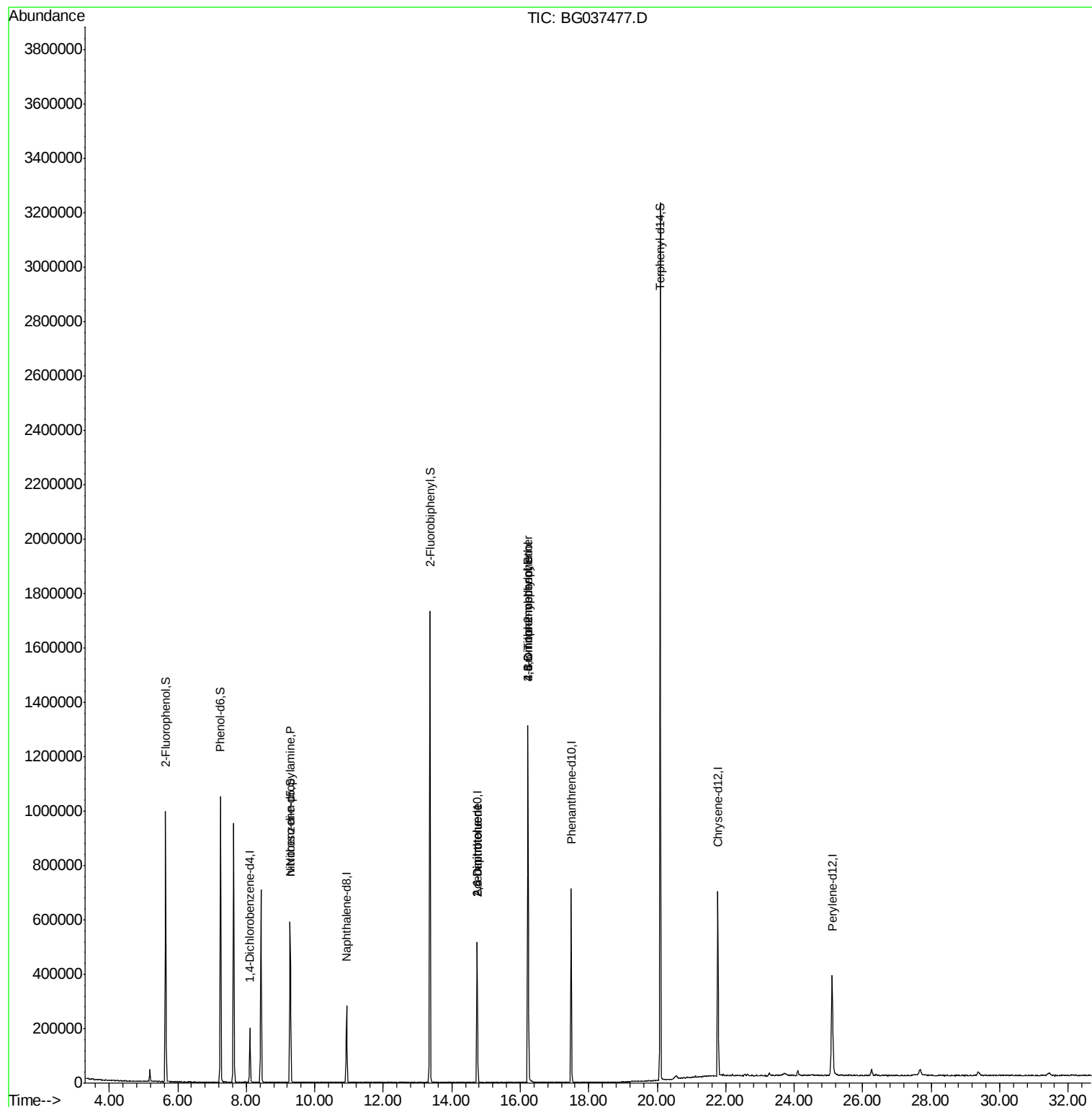
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60304	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	257834	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	179520	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	463810	20.00	ng	0.00
76) Chrysene-d12	21.77	240	435288	20.00	ng	0.00
87) Perylene-d12	25.10	264	425439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	451235	125.10	ng	0.00
7) Phenol-d6	7.25	99	653931	119.89	ng	0.00
23) Nitrobenzene-d5	9.28	82	371572	80.73	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	241034	123.10	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	935556	78.59	ng	0.00
79) Terphenyl-d14	20.09	244	1524688	74.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	46631	12.415	ng	# 71
51) 2,6-Dinitrotoluene	14.74	165	23018	7.492	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	23018	5.708	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.23	198	957	8.831	ng	# 1
67) 4-Bromophenyl-phenylether	16.23	248	17425	3.421	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037477.D
Acq On : 23 Oct 2018 15:33
Operator : JU/SJ
Sample : PB114082BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 24 04:41:41 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



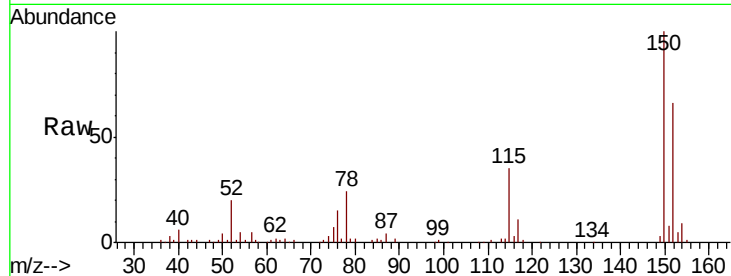


#1

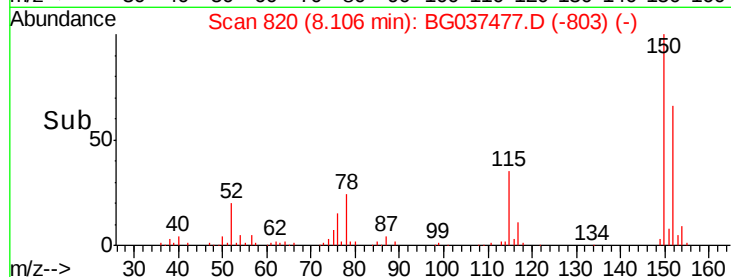
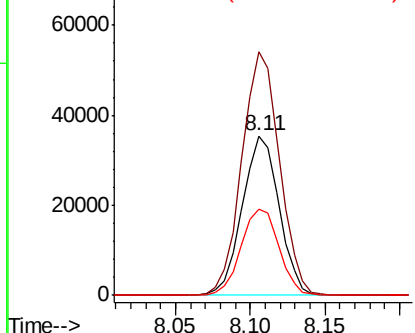
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037477.D
Acq: 23 Oct 2018 15:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60304
Ion Ratio Lower Upper
152 100
150 152.5 126.0 189.0
115 53.7 45.5 68.3



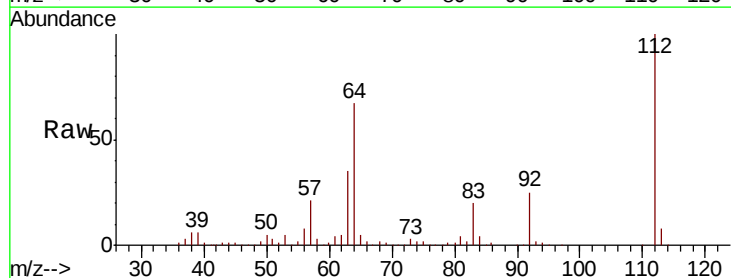
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



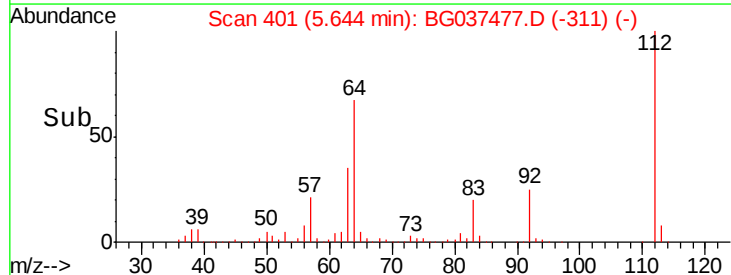
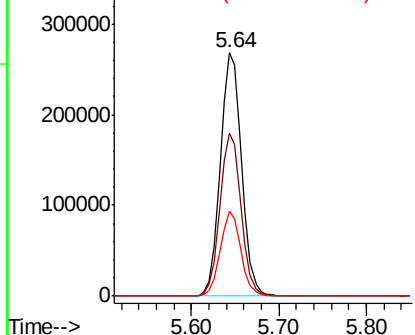
#5

2-Fluorophenol
Concen: 125.099 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037477.D
Acq: 23 Oct 2018 15:33

Tgt Ion:112 Resp: 451235
Ion Ratio Lower Upper
112 100
64 67.1 53.1 79.7
63 34.7 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: 119.894 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037477.D

Acq: 23 Oct 2018 15:33

Instrument :

BNA_G

ClientSampled :

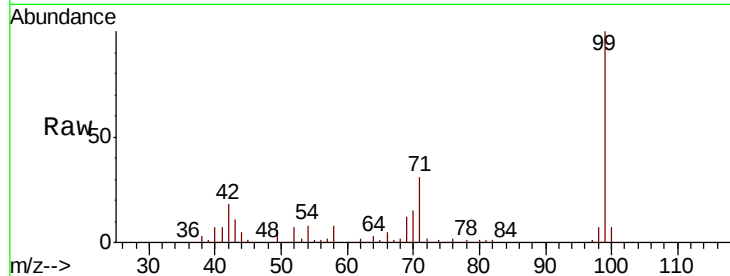
Tot Ion: 99 Resp: 653931

Ion Ratio Lower Upper

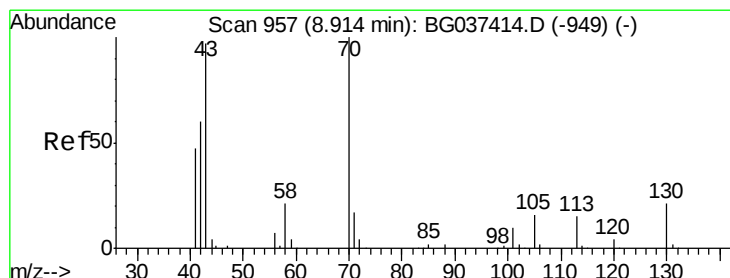
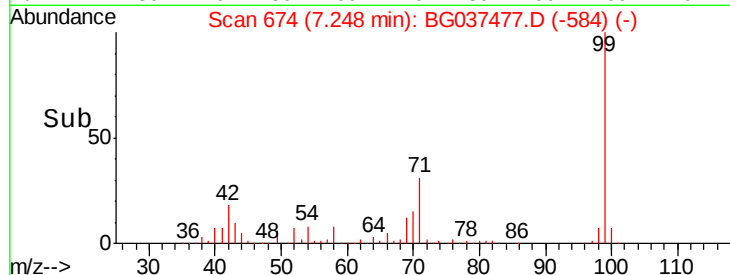
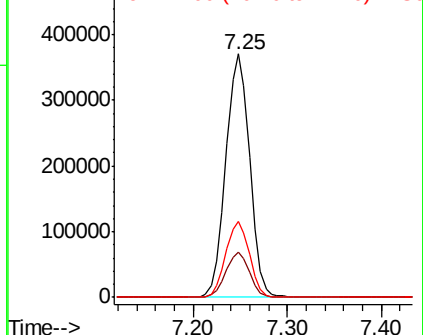
99 100

42 18.4 15.0 22.4

71 30.9 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: 12.415 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037477.D

Acq: 23 Oct 2018 15:33

Tgt Ion: 70 Resp: 46631

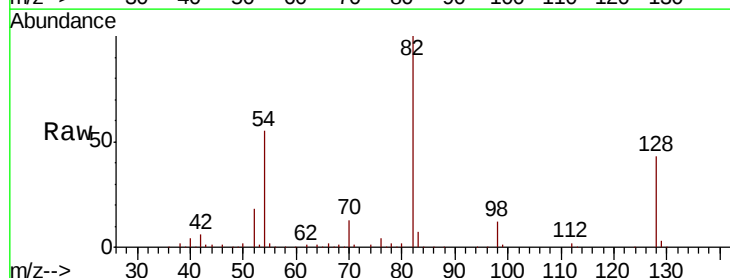
Ion Ratio Lower Upper

70 100

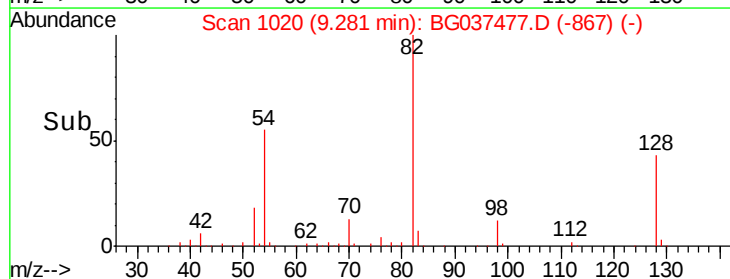
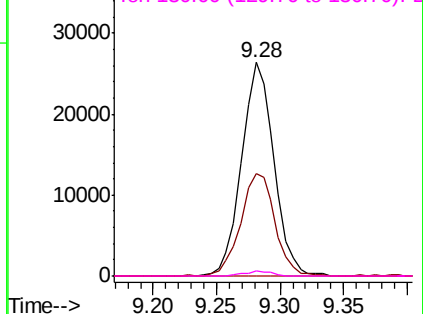
42 47.7 53.9 80.9#

101 0.0 8.2 12.2#

130 2.3 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

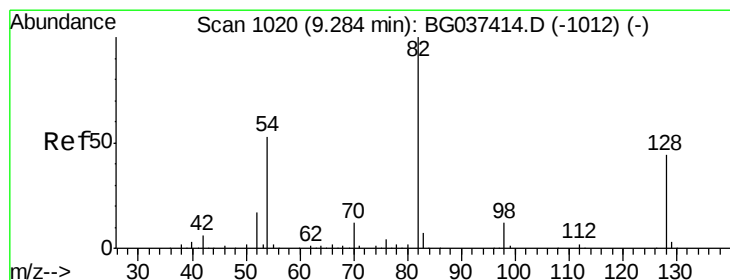
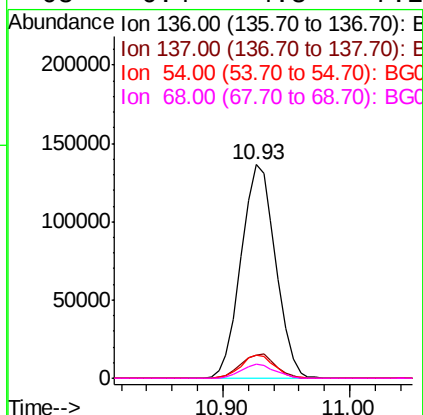
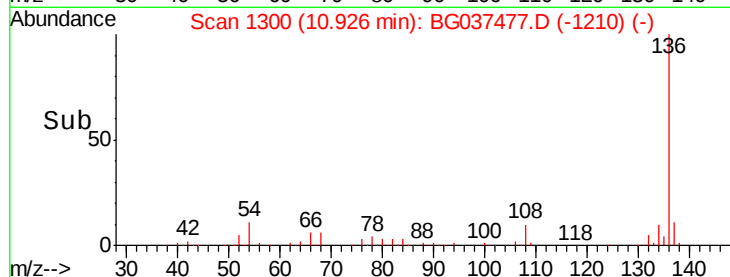
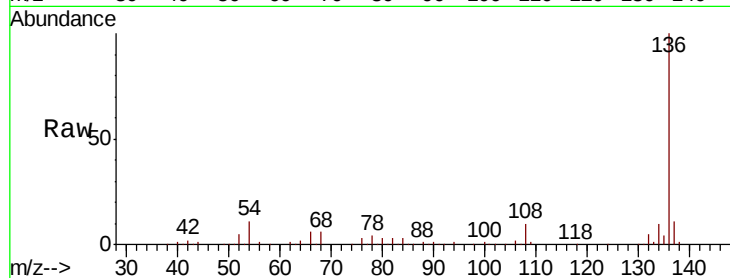




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037477.D
Acq: 23 Oct 2018 15:33

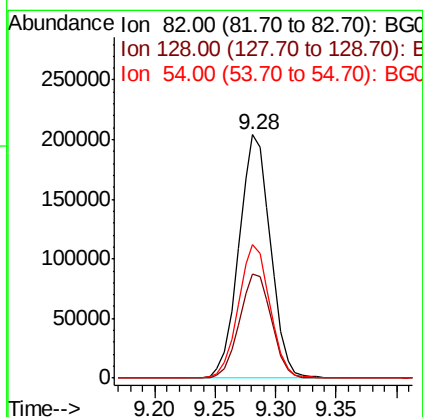
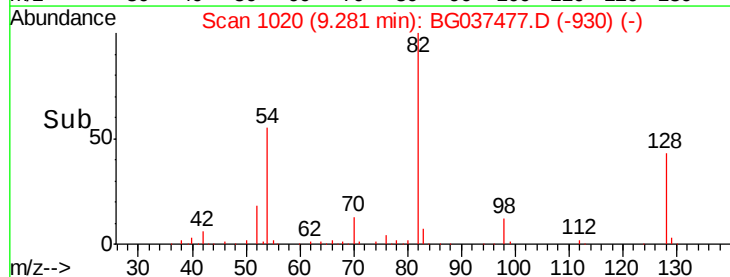
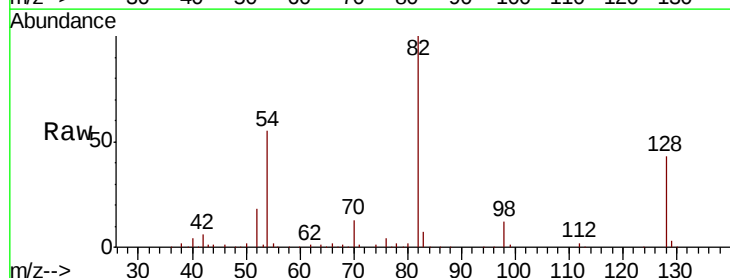
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	257834	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.6	14.4	
54 10.5	7.9	11.9	
68 6.4	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 80.731 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037477.D
Acq: 23 Oct 2018 15:33

Tgt Ion: 82	Resp: 371572
Ion Ratio	Lower Upper
82 100	
128 42.9	34.6 51.8
54 55.0	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: BG037477.D

Acq: 23 Oct 2018 15:33

Instrument :

BNA_G

ClientSampleId :

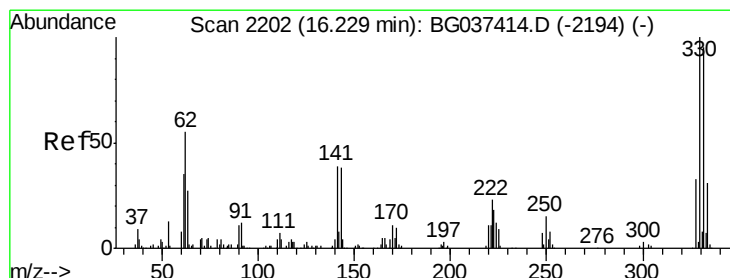
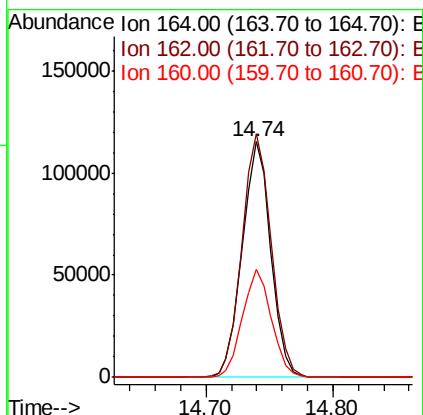
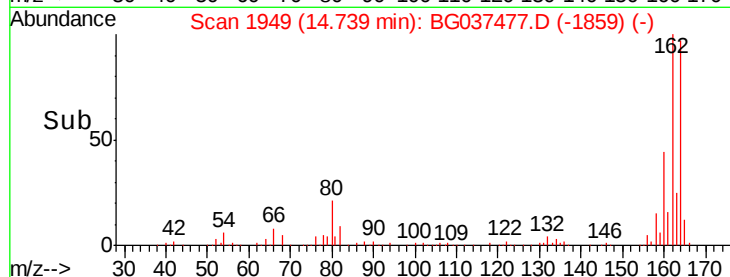
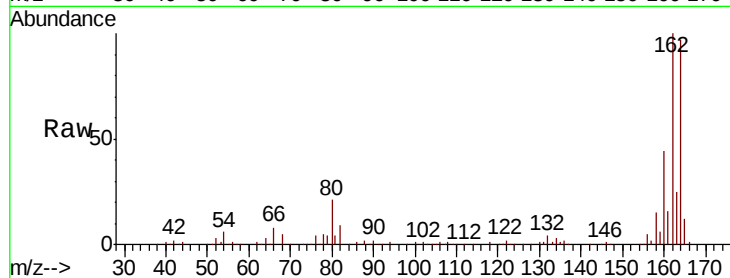
Tot Ion:164 Resp: 179520

Ion Ratio Lower Upper

164 100

162 103.4 81.3 121.9

160 45.6 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 123.102 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037477.D

Acq: 23 Oct 2018 15:33

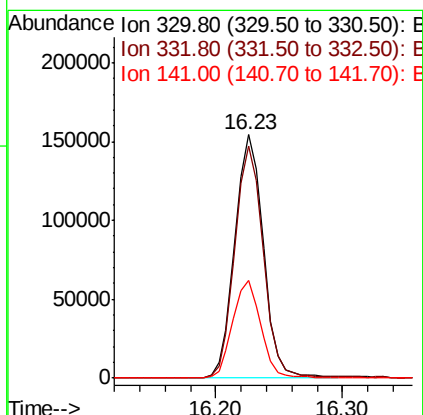
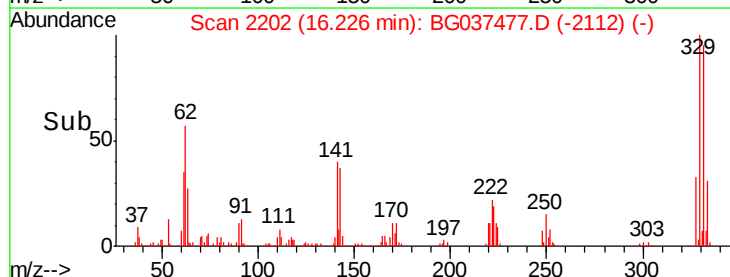
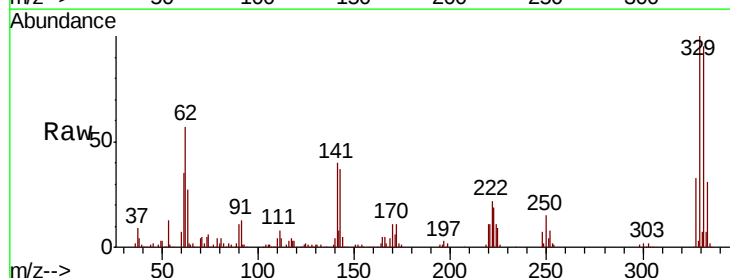
Tgt Ion:330 Resp: 241034

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

141 39.7 32.2 48.2

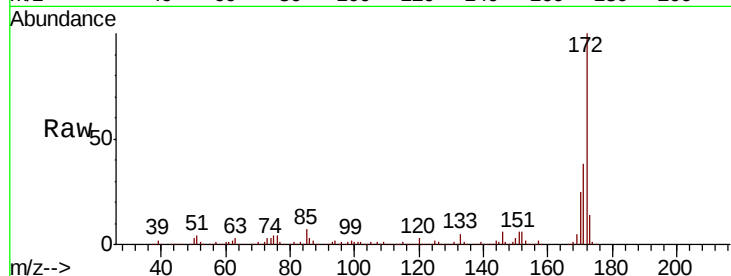




#45
 2-Fluorobiphenyl
 Concen: 78.585 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037477.D
 Acq: 23 Oct 2018 15:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	24.8	20.2	30.2

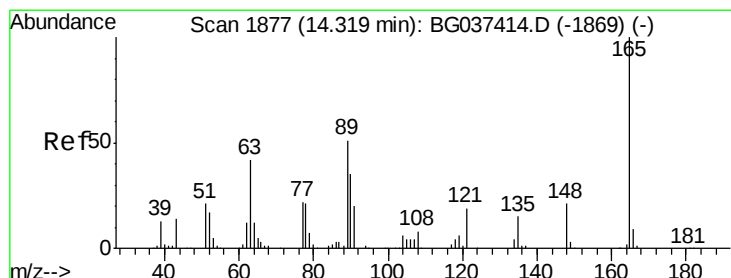
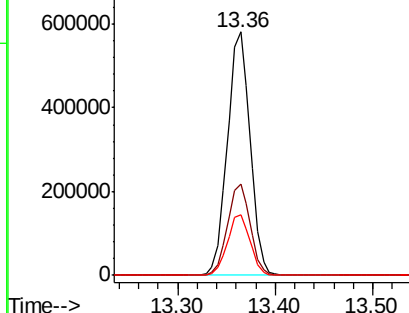
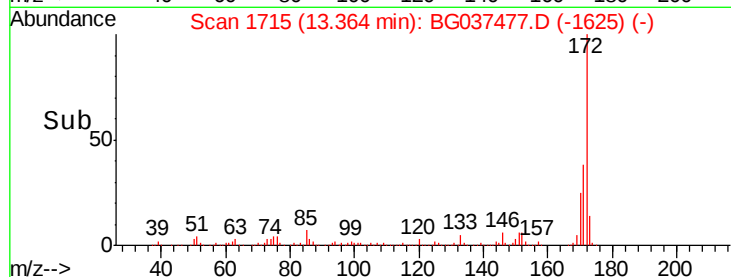


Abundance

Ion 172.00 (171.70 to 172.70): E

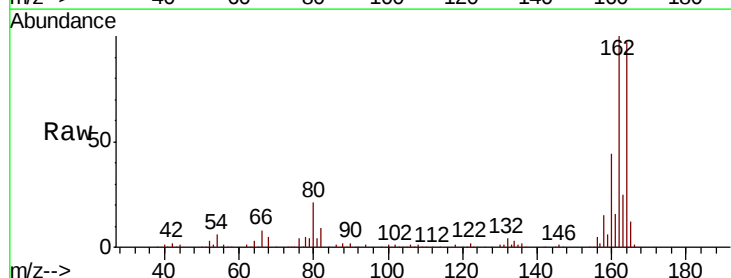
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
 2,6-Dinitrotoluene
 Concen: 7.492 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG037477.D
 Acq: 23 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.4	65.2#
89	1.9	45.8	68.6#

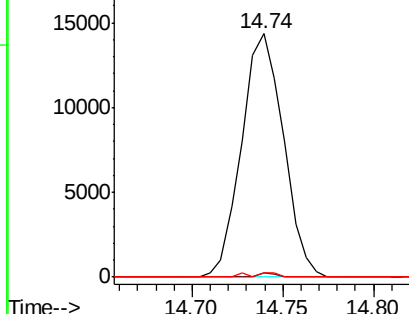
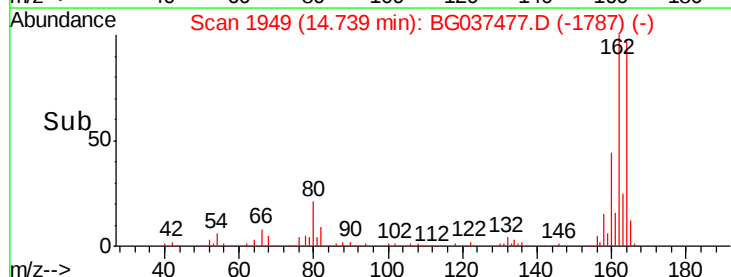


Abundance

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

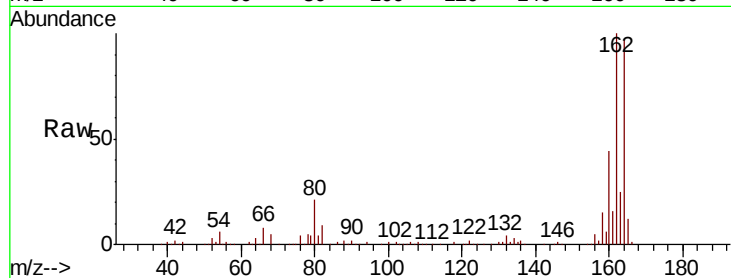




#57
2,4-Dinitrotoluene
Concen: 5.708 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.36 min
Lab File: BG037477.D
Acq: 23 Oct 2018 15:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.4	50.0#
89	1.9	57.2	85.8#
182	0.0	2.6	4.0#



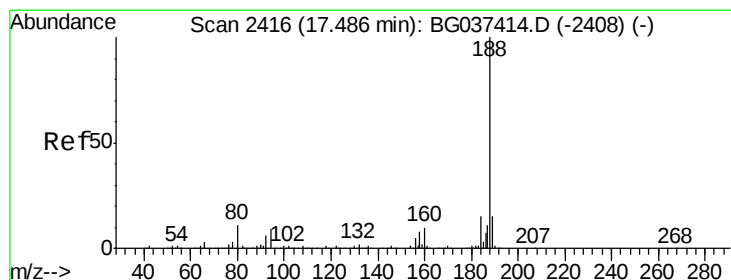
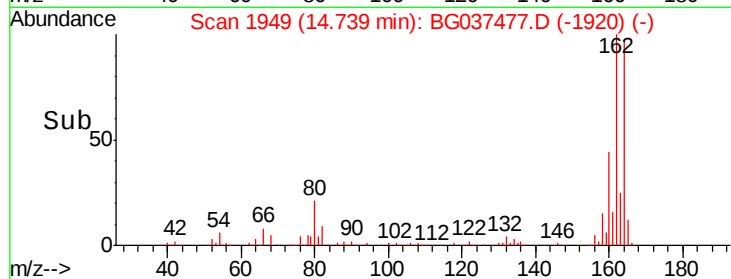
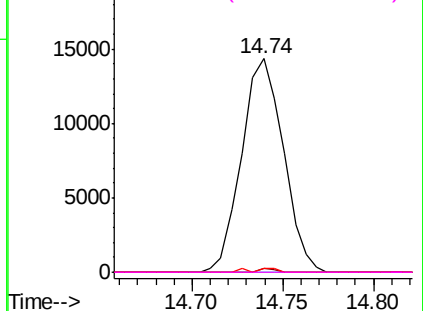
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

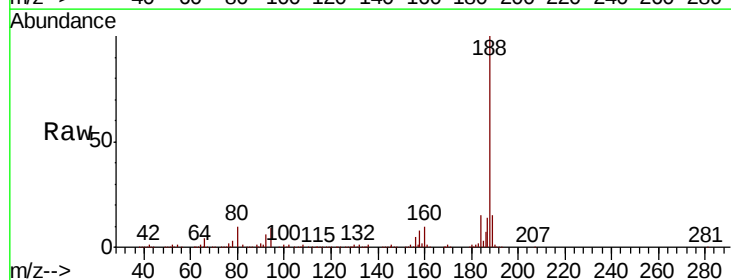
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037477.D
Acq: 23 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.3	7.7	11.5

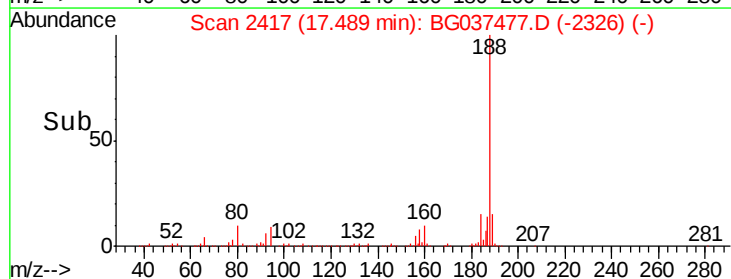
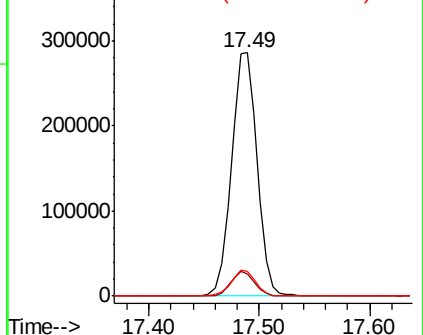


Abundance

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

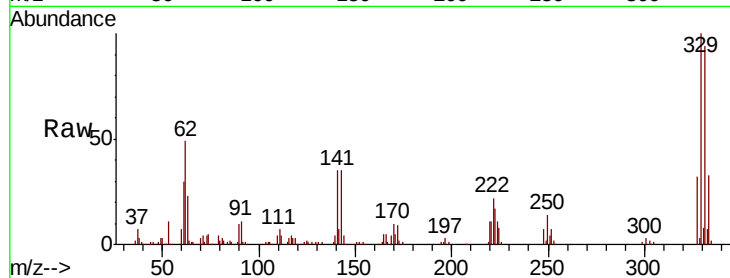




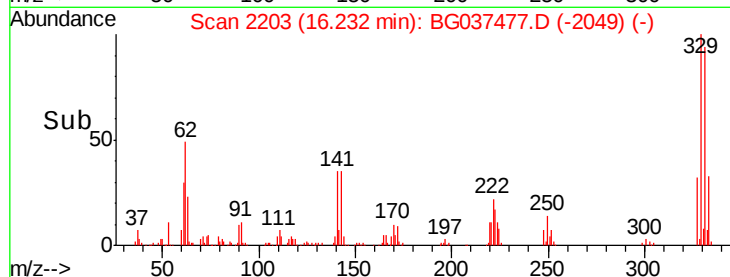
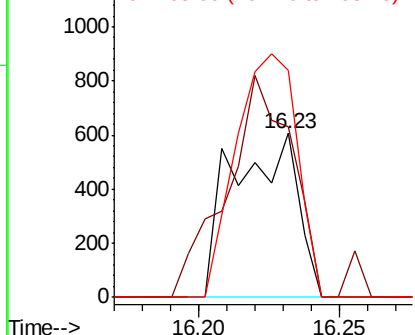
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.831 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. 0.37 min
 Lab File: BG037477.D
 Acq: 23 Oct 2018 15:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 957
 Ion Ratio Lower Upper
 198 100
 51 104.1 22.7 62.7#
 105 138.8 19.7 59.7#

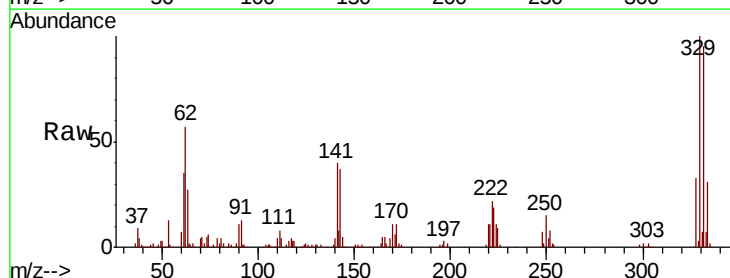


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

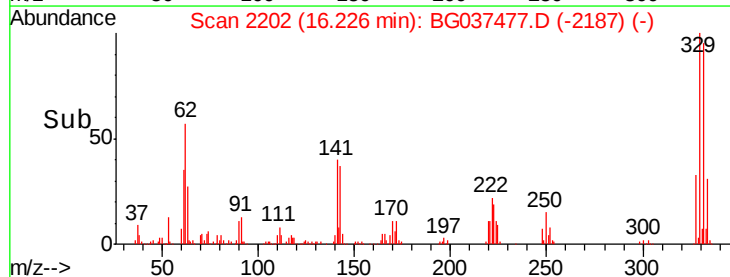
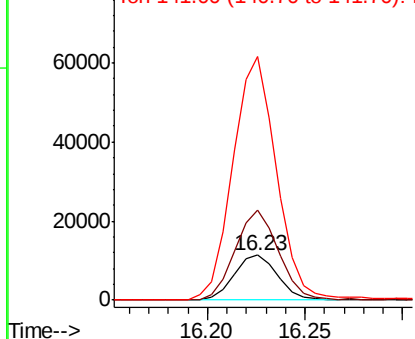


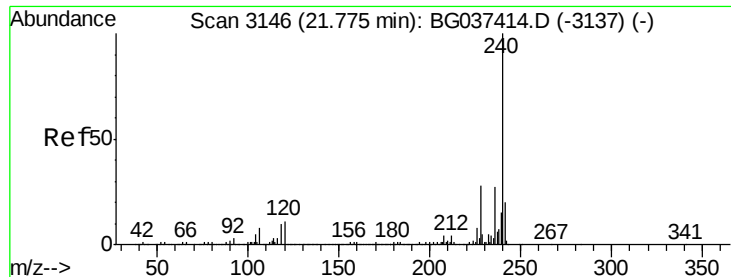
#67
 4-Bromophenyl-phenylether
 Concen: 3.421 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037477.D
 Acq: 23 Oct 2018 15:33

Tgt Ion:248 Resp: 17425
 Ion Ratio Lower Upper
 248 100
 250 192.7 77.0 115.6#
 141 406.3 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: BG037477.D

Acq: 23 Oct 2018 15:33

Instrument :

BNA_G

ClientSampleId :

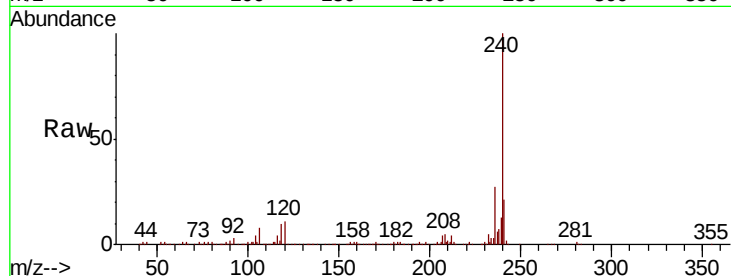
Tot Ion:240 Resp: 435288

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

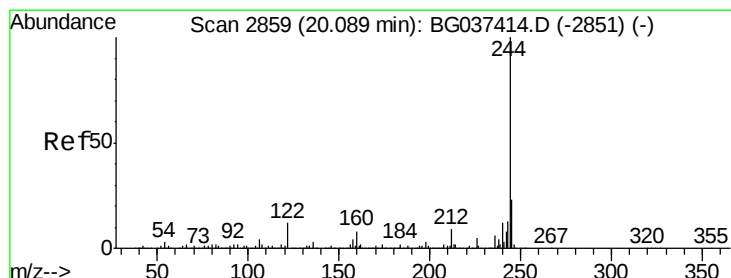
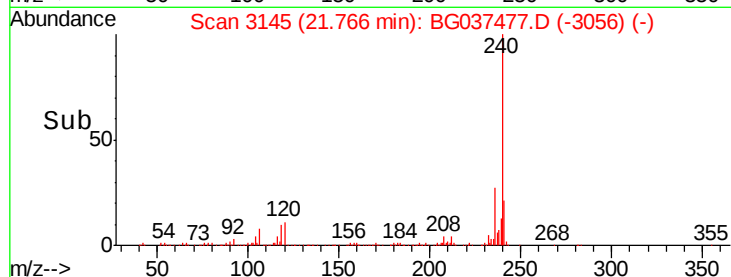
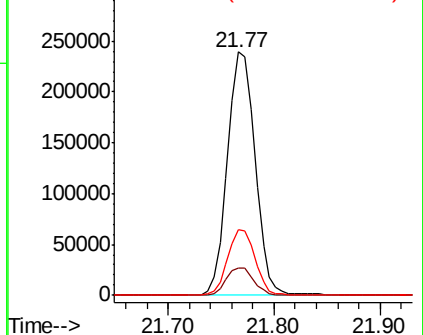
236 27.0 21.4 32.0



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: 74.845 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037477.D

Acq: 23 Oct 2018 15:33

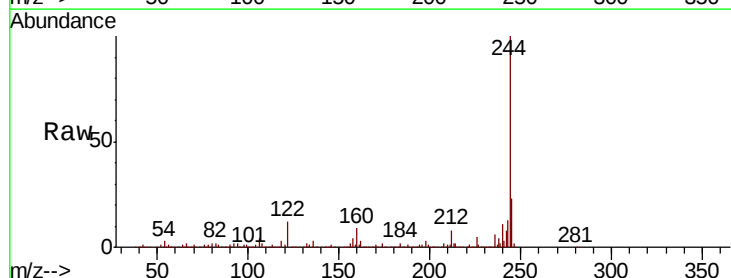
Tgt Ion:244 Resp: 1524688

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

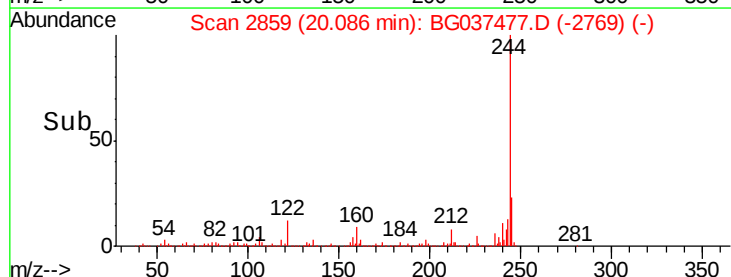
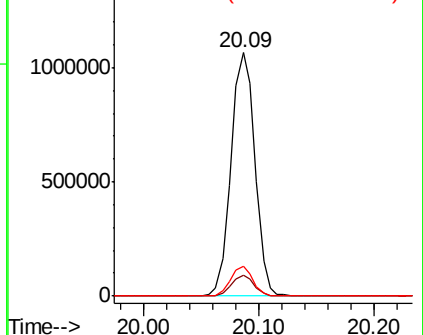
122 12.1 9.0 13.4

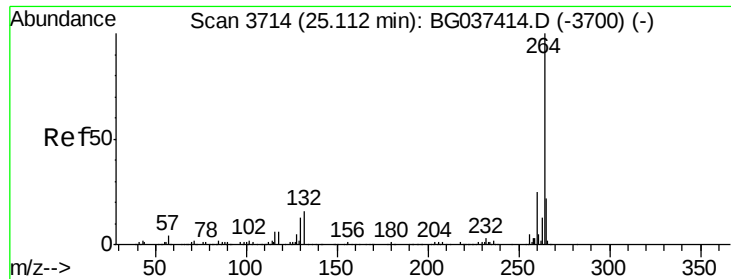


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG037477.D
Acq: 23 Oct 2018 15:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	23.6	17.9	26.9

