

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037803.D
 Acq On : 5 Nov 2018 15:11
 Operator : JU/SJ
 Sample : PB114322BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 05 15:55:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 13:45:11 2018
 Response via : Initial Calibration

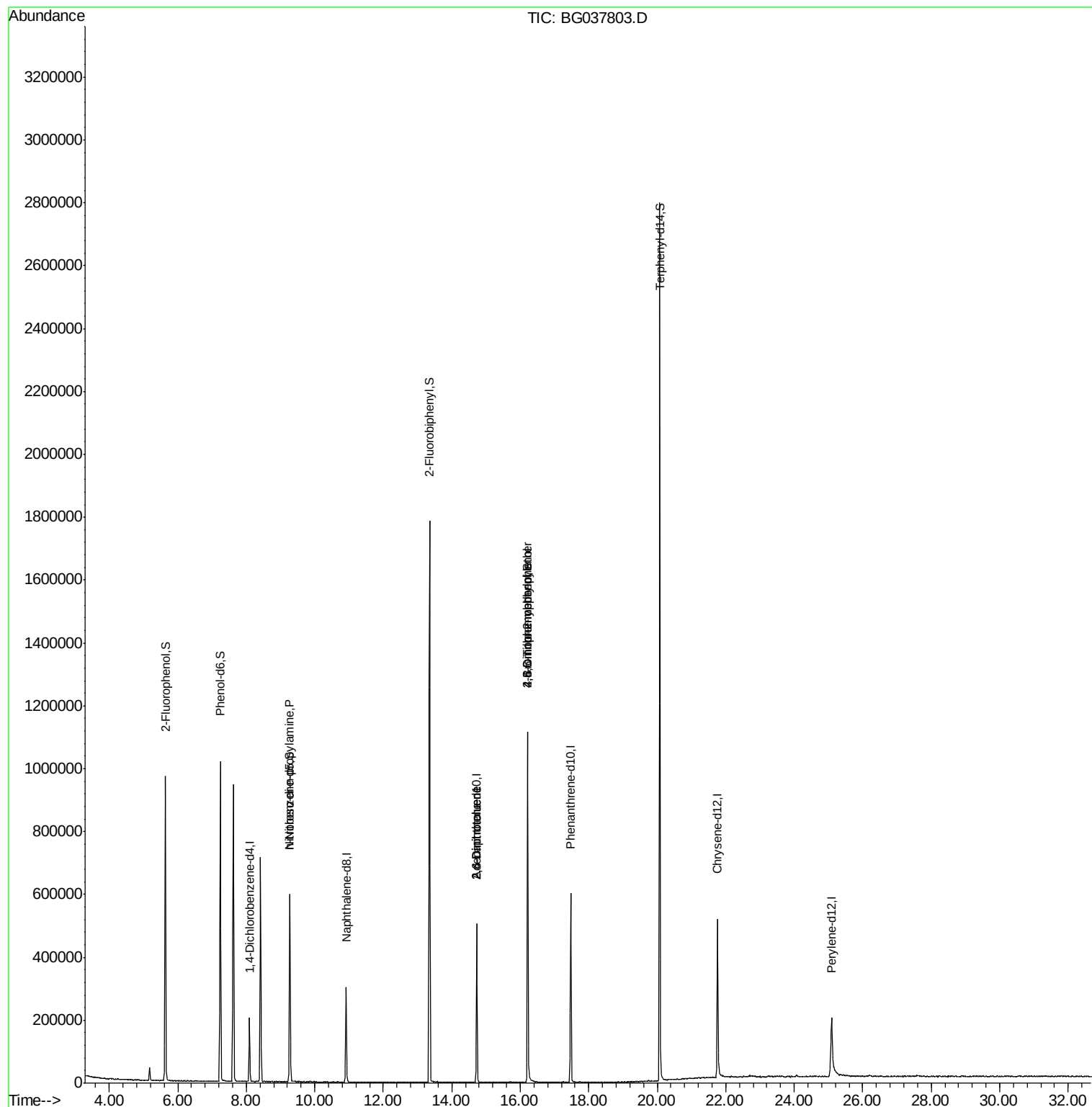
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	59941	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	273405	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	180931	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	398768	20.00	ng	0.00
76) Chrysene-d12	21.76	240	353479	20.00	ng	0.00
87) Perylene-d12	25.09	264	295014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	453430	126.47	ng	0.00
7) Phenol-d6	7.24	99	655858	120.98	ng	0.00
23) Nitrobenzene-d5	9.27	82	387843	79.47	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	215304	109.10	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	993273	82.78	ng	0.00
79) Terphenyl-d14	20.07	244	1382049	83.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	49062	13.142	ng	# 67
51) 2,6-Dinitrotoluene	14.73	165	23065	7.449	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	23065	5.675	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	591	8.740	ng	79
67) 4-Bromophenyl-phenylether	16.21	248	15733	3.593	ng	# 1

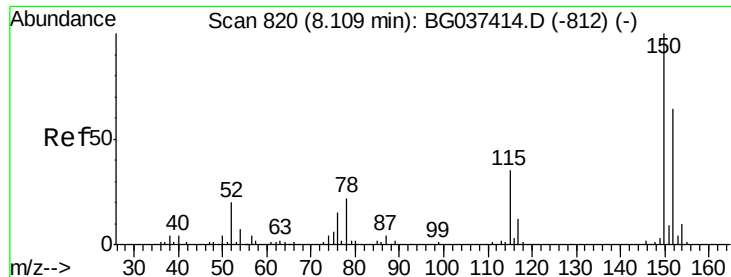
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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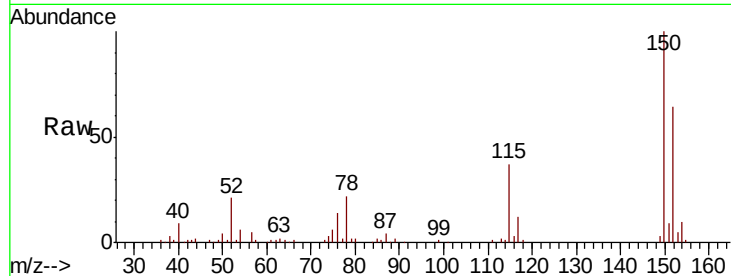


#1

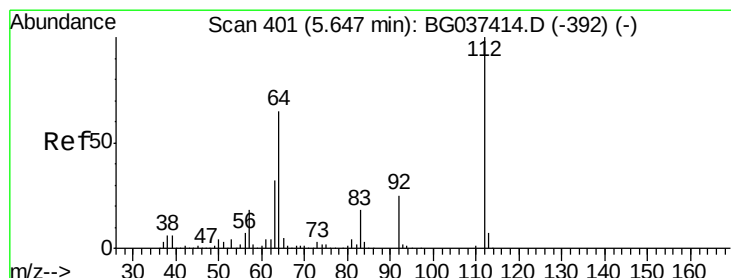
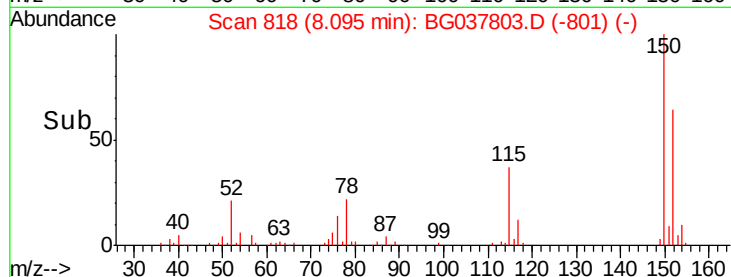
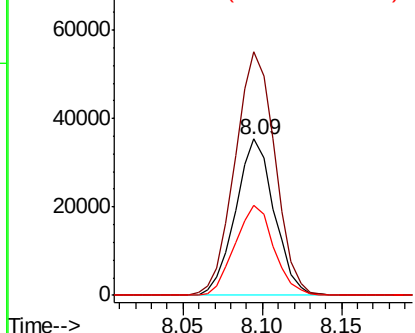
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG037803.D
Acq: 5 Nov 2018 15:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59941
Ion Ratio Lower Upper
152 100
150 155.8 126.0 189.0
115 57.4 45.5 68.3



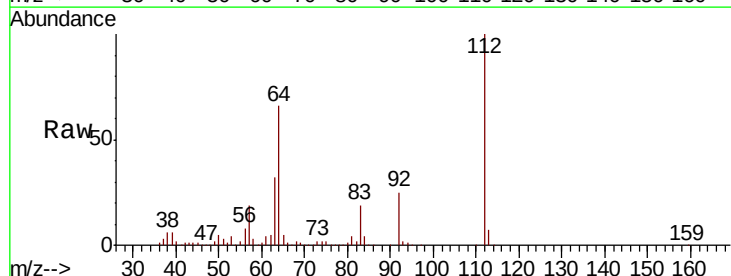
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



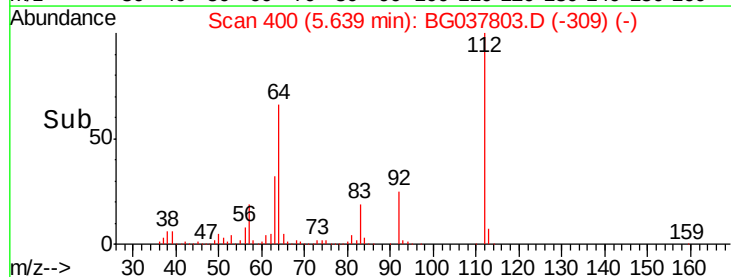
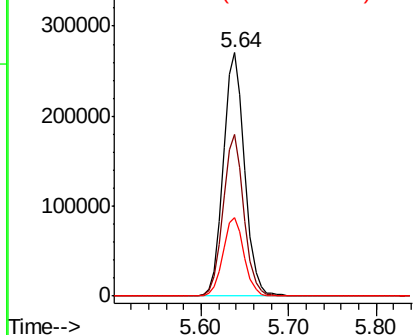
#5

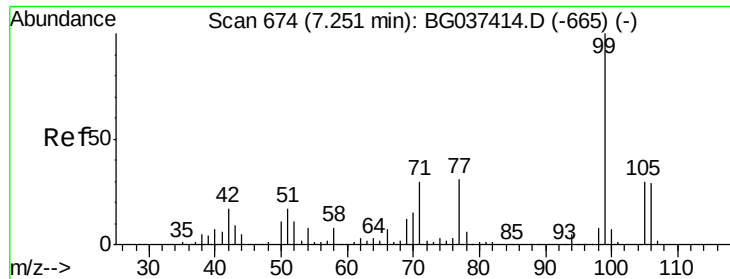
2-Fluorophenol
Concen: 126.469 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG037803.D
Acq: 5 Nov 2018 15:11

Tgt Ion:112 Resp: 453430
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 32.3 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: 120.975 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG037803.D

Acq: 5 Nov 2018 15:11

Instrument :

BNA_G

ClientSampled :

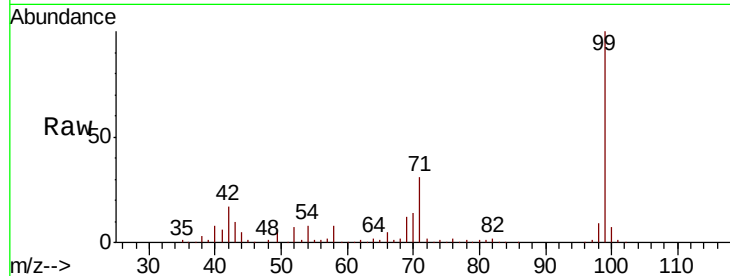
Tot Ion: 99 Resp: 655858

Ion Ratio Lower Upper

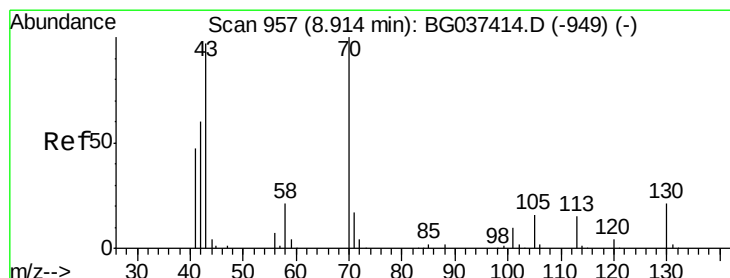
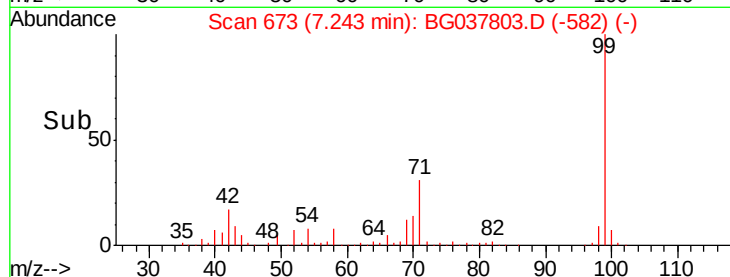
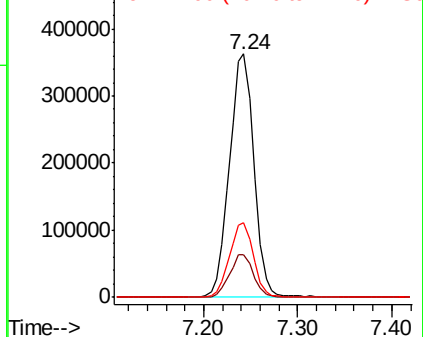
99 100

42 17.5 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: 13.142 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.37 min

Lab File: BG037803.D

Acq: 5 Nov 2018 15:11

Tgt Ion: 70 Resp: 49062

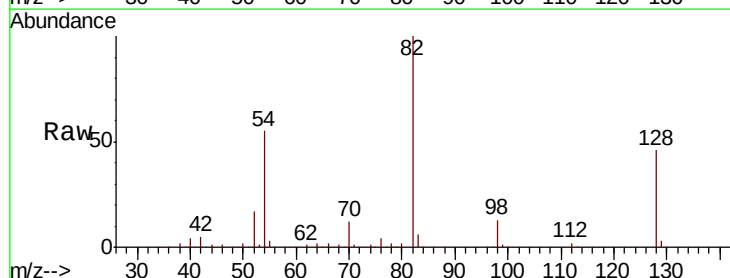
Ion Ratio Lower Upper

70 100

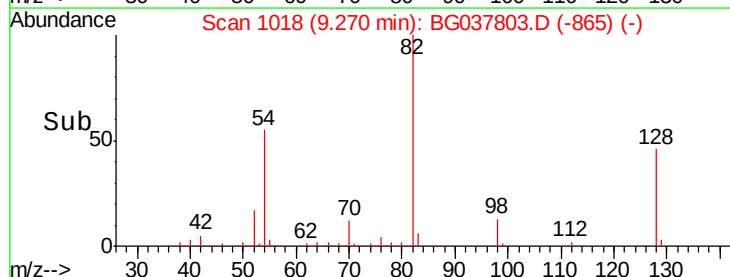
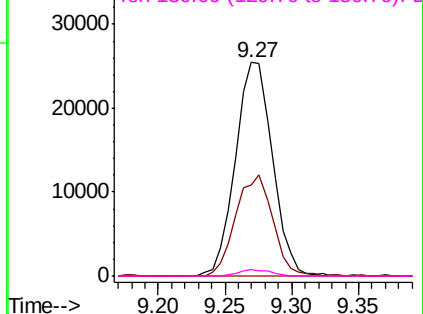
42 42.4 53.9 80.9#

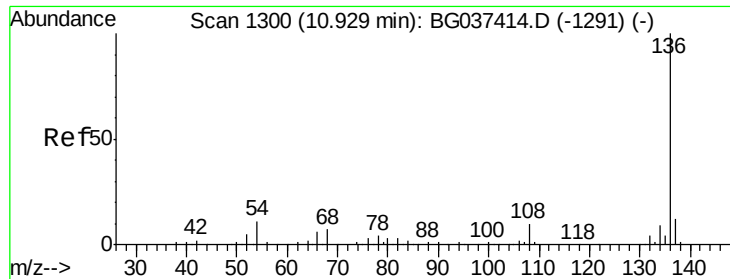
101 0.0 8.2 12.2#

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

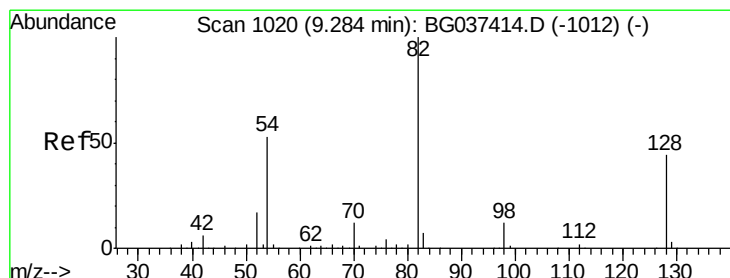
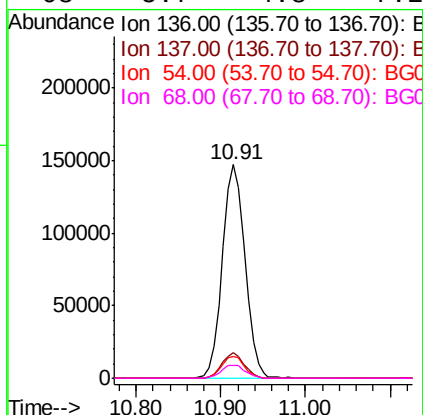
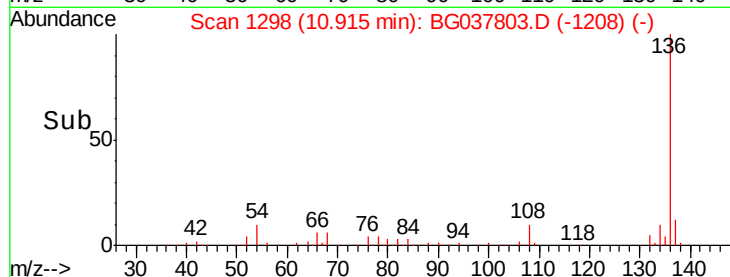
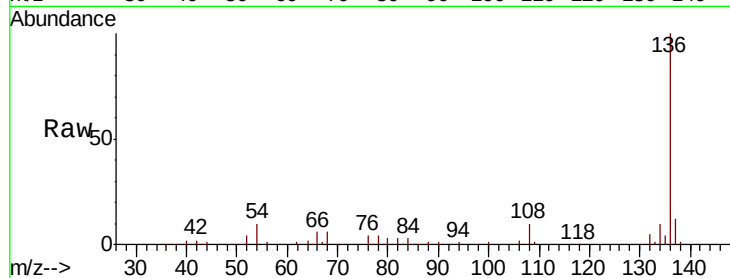




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG037803.D
Acq: 5 Nov 2018 15:11

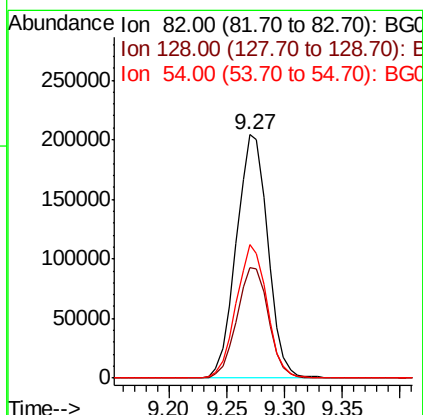
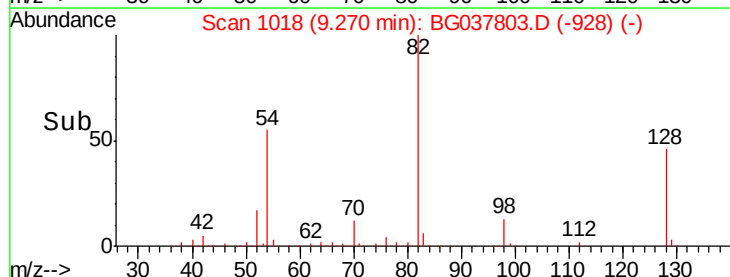
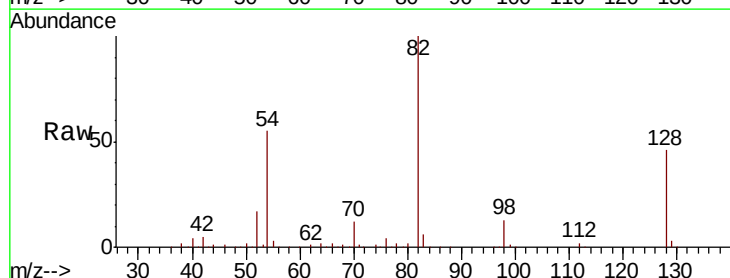
Instrument :
BNA_G
ClientSampleId :

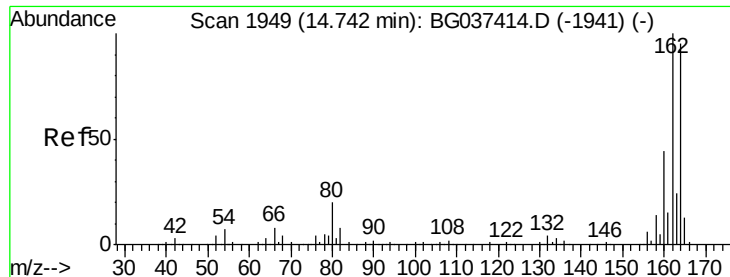
Tot Ion:136	Resp:	273405
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.6 14.4
54	10.4	7.9 11.9
68	5.7	4.8 7.2



#23
Nitrobenzene-d5
Concen: 79.467 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG037803.D
Acq: 5 Nov 2018 15:11

Tgt Ion: 82	Resp:	387843
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: 14.73 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG037803.D

Acq: 5 Nov 2018 15:11

Instrument :

BNA_G

ClientSampleId :

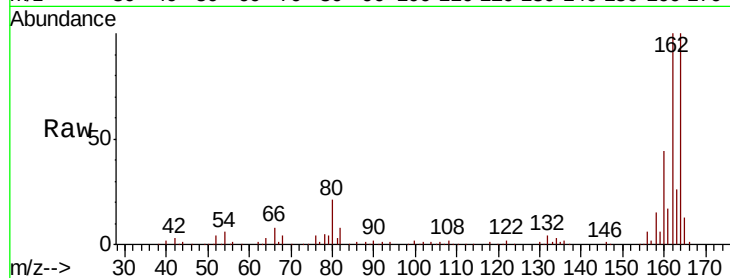
Tot Ion:164 Resp: 180931

Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

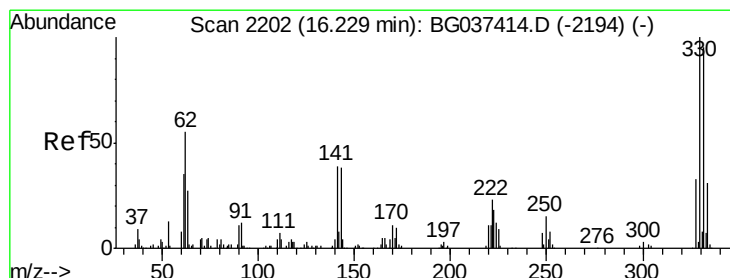
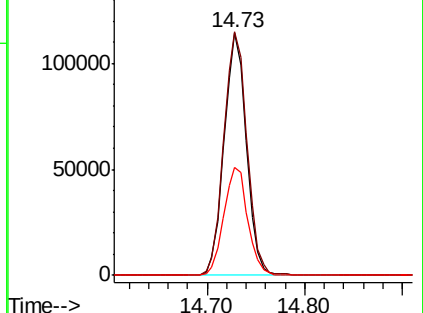
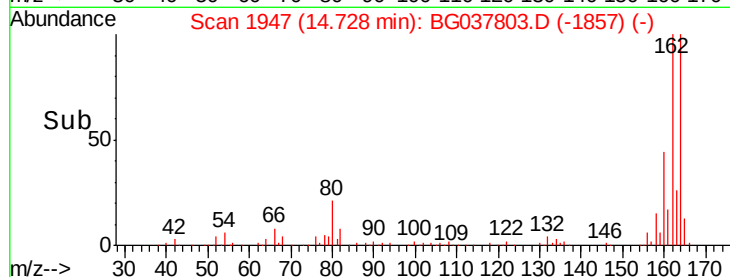
160 44.6 36.3 54.5



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: 109.103 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG037803.D

Acq: 5 Nov 2018 15:11

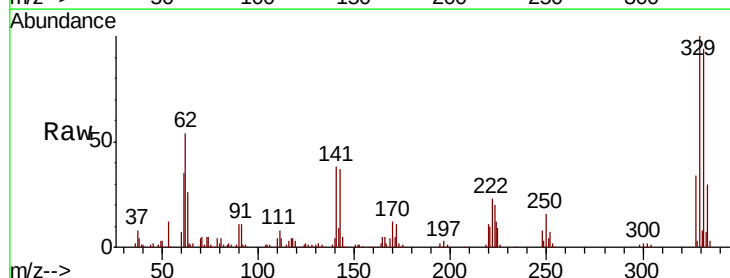
Tgt Ion:330 Resp: 215304

Ion Ratio Lower Upper

330 100

332 97.0 78.4 117.6

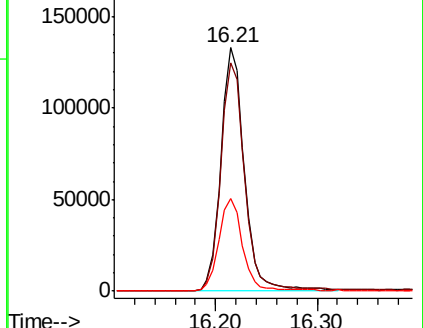
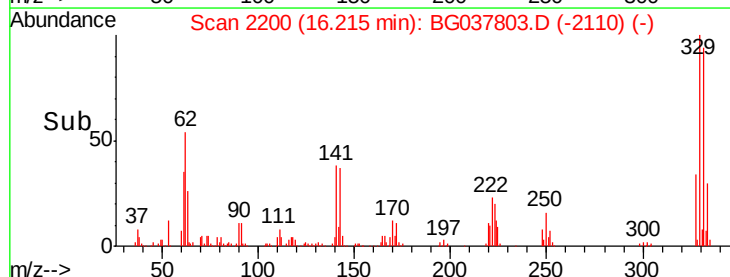
141 38.7 32.2 48.2

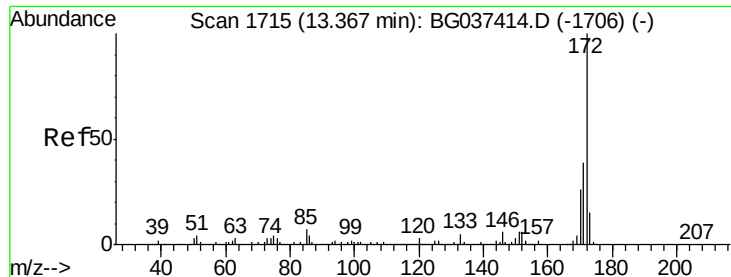


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

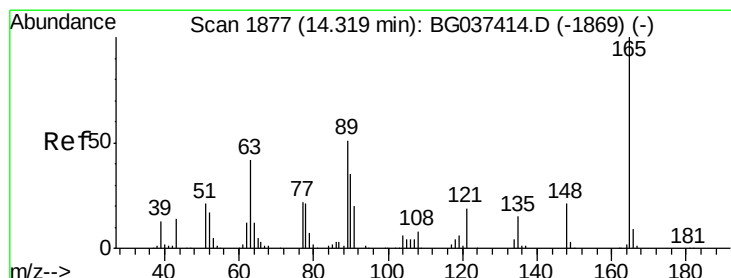
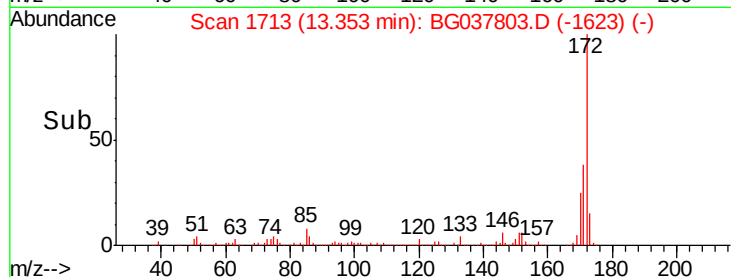
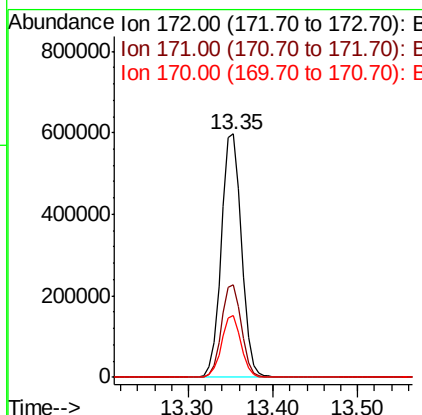
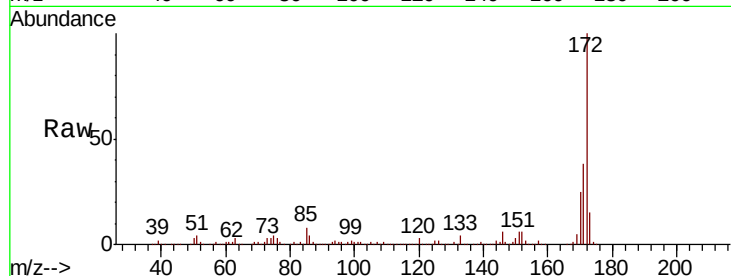




#45
 2-Fluorobiphenyl
 Concen: 82.783 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG037803.D
 Acq: 5 Nov 2018 15:11

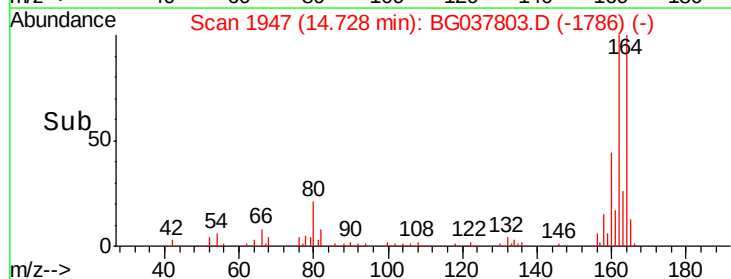
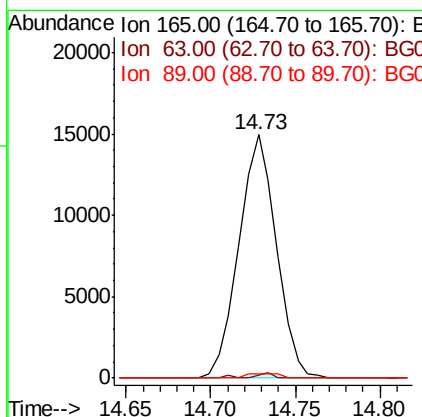
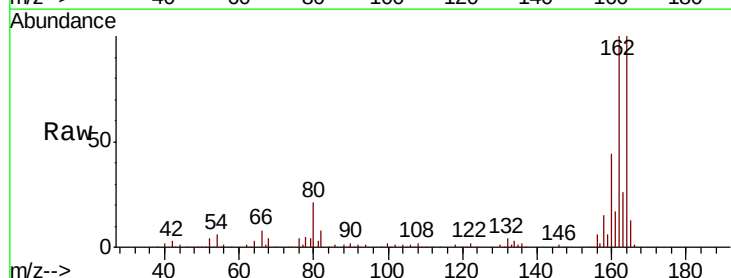
Instrument :
 BNA_G
 ClientSampleId :

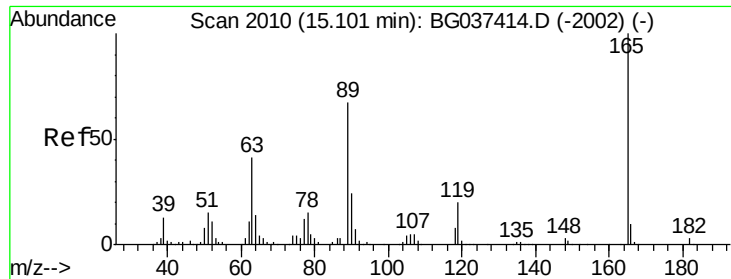
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.2	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.449 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.42 min
 Lab File: BG037803.D
 Acq: 5 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.4	65.2#
89	1.7	45.8	68.6#

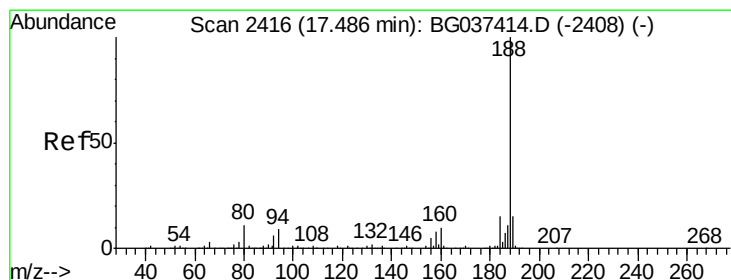
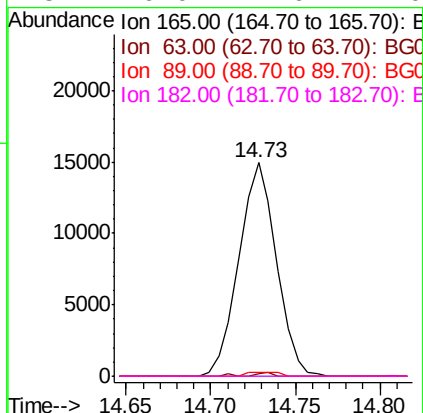
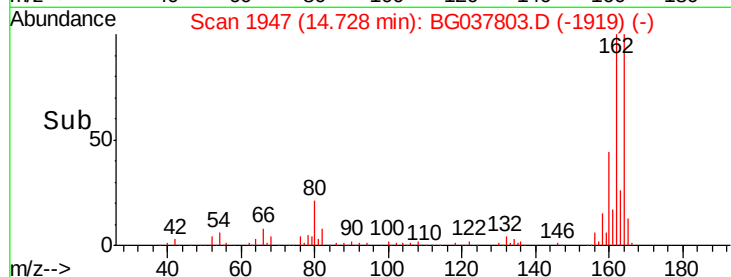
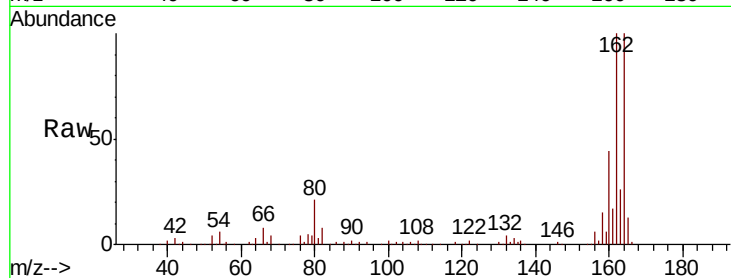




#57
2,4-Dinitrotoluene
Concen: 5.675 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037803.D
Acq: 5 Nov 2018 15:11

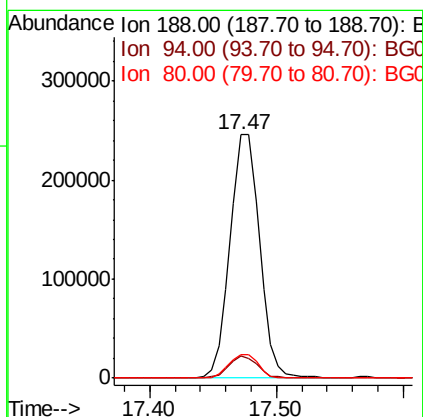
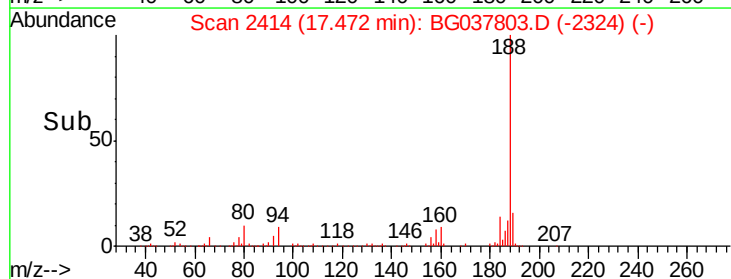
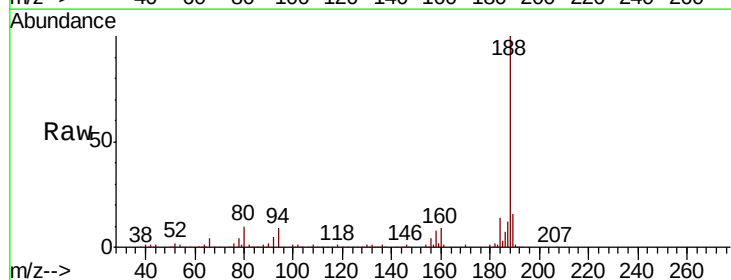
Instrument :
BNA_G
ClientSampleId :

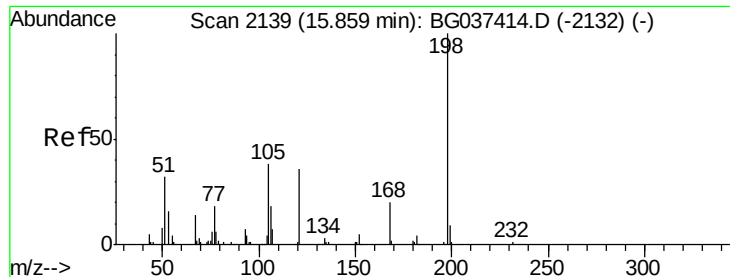
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG037803.D
Acq: 5 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.8	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.740 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037803.D

Acq: 5 Nov 2018 15:11

Instrument :

BNA_G

ClientSampled :

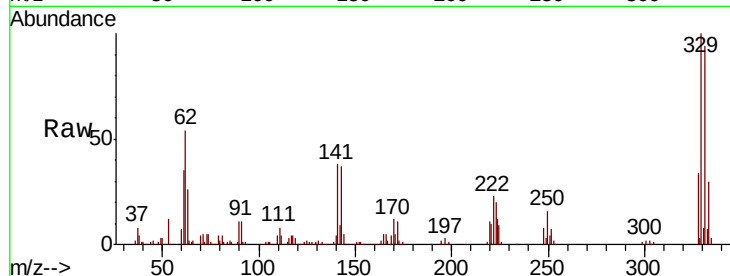
Tot Ion:198 Resp: 591

Ion Ratio Lower Upper

198 100

51 24.4 22.7 62.7

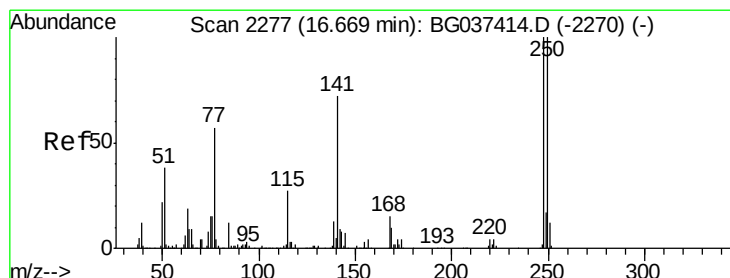
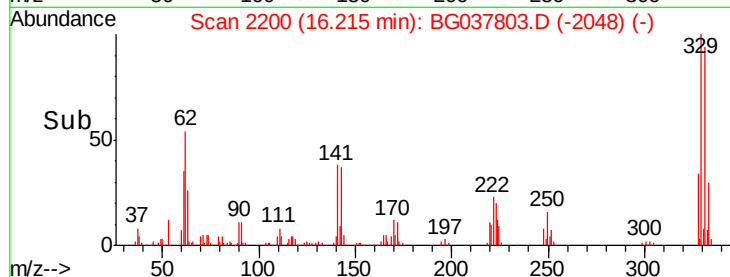
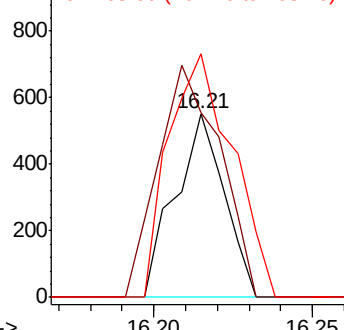
105 32.3 19.7 59.7



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: 3.593 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.44 min

Lab File: BG037803.D

Acq: 5 Nov 2018 15:11

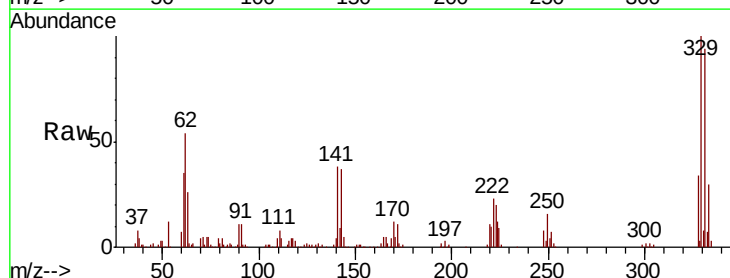
Tgt Ion:248 Resp: 15733

Ion Ratio Lower Upper

248 100

250 183.1 77.0 115.6#

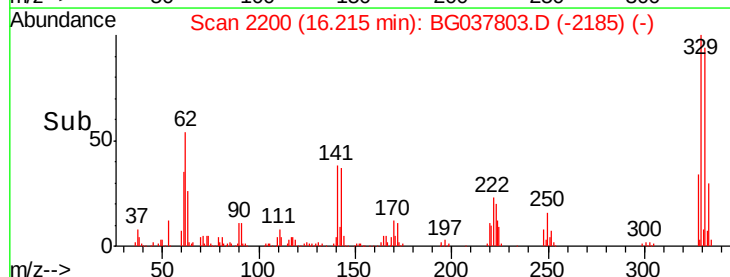
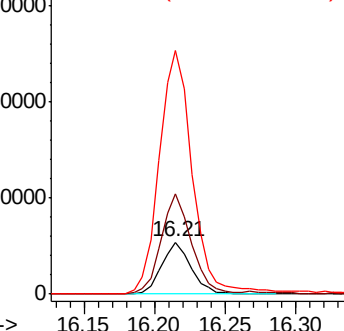
141 354.4 55.5 83.3#

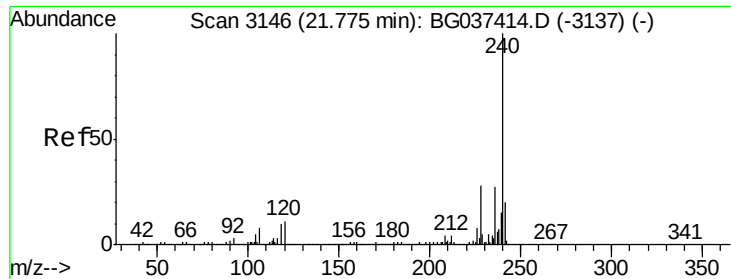


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.00 min

Lab File: BG037803.D

Acq: 5 Nov 2018 15:11

Instrument :

BNA_G

ClientSampleId :

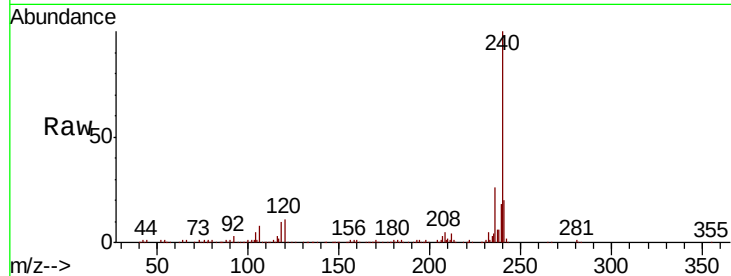
Tot Ion:240 Resp: 353479

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

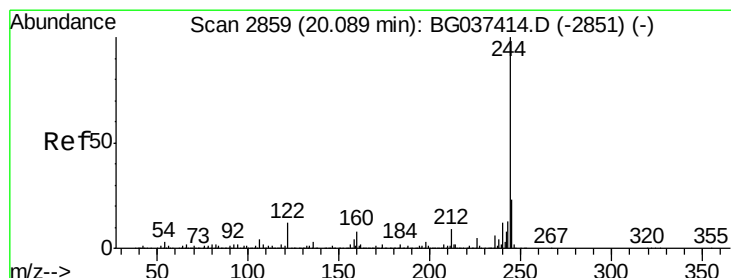
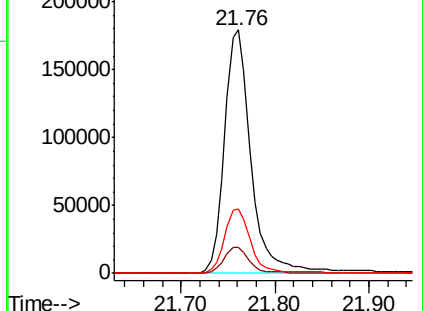
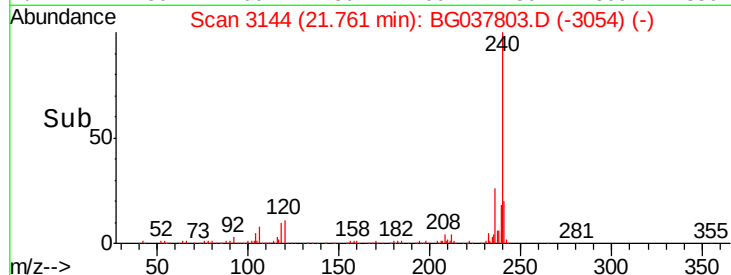
236 26.4 21.4 32.0



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: 83.544 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG037803.D

Acq: 5 Nov 2018 15:11

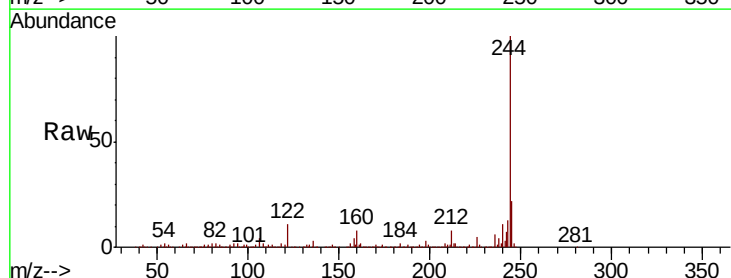
Tgt Ion:244 Resp: 1382049

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

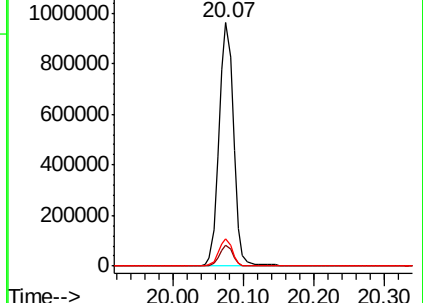
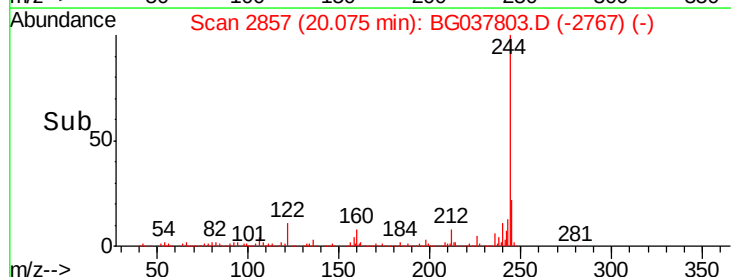
122 11.1 9.0 13.4

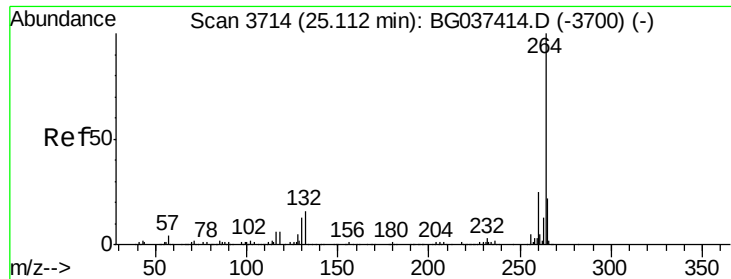


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.09 min Scan# 3711
Delta R.T. 0.00 min
Lab File: BG037803.D
Acq: 5 Nov 2018 15:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	20.9	17.9	26.9

