

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037766.D
 Acq On : 2 Nov 2018 22:36
 Operator : JU/SJ
 Sample : J5780-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS073082

Quant Time: Nov 03 02:30:55 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

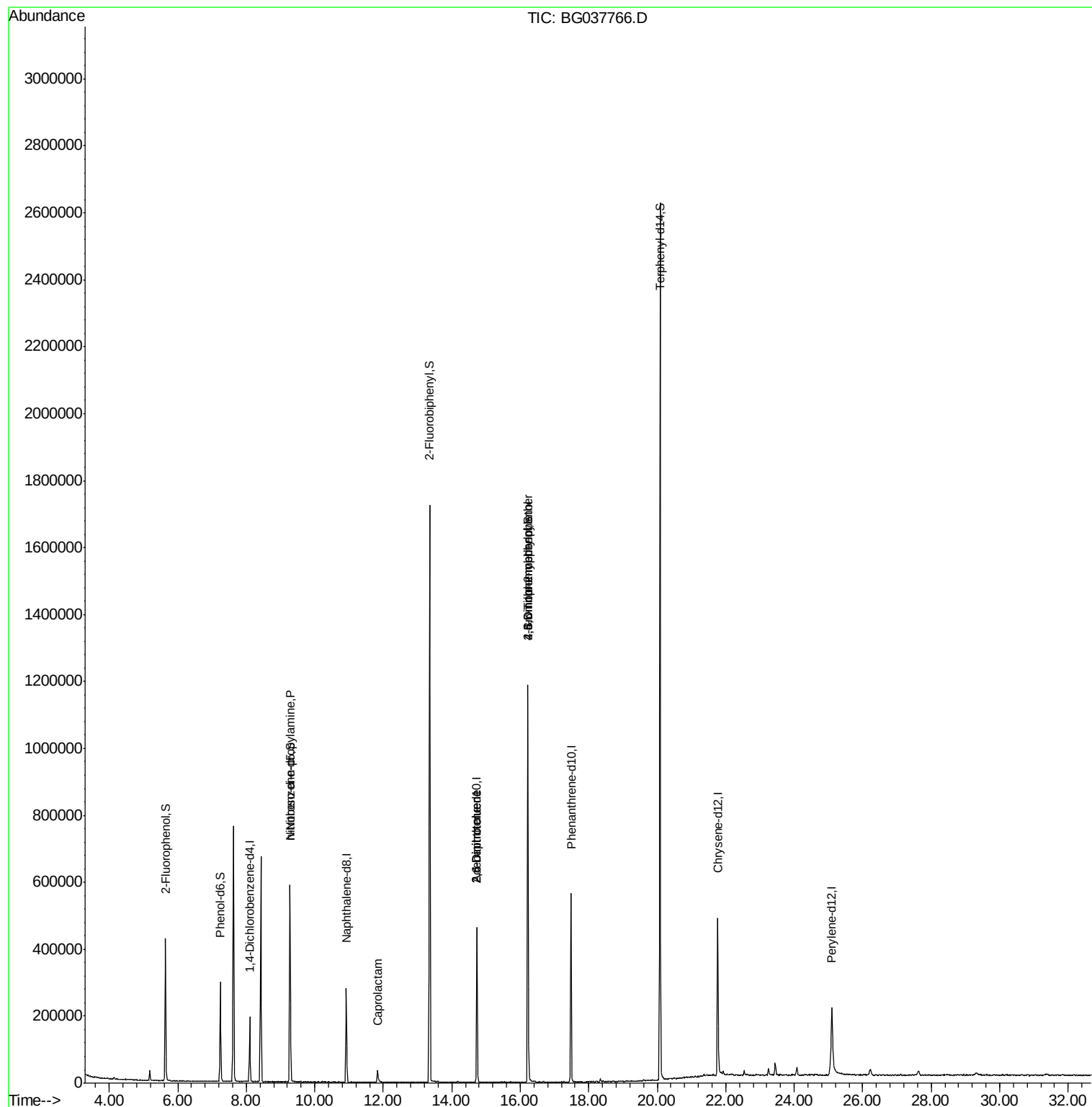
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57395	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	256562	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	169477	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	366988	20.00	ng	0.00
76) Chrysene-d12	21.76	240	326189	20.00	ng	-0.02
87) Perylene-d12	25.10	264	286835	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	201972	58.83	ng	0.00
7) Phenol-d6	7.24	99	191036	36.80	ng	0.00
23) Nitrobenzene-d5	9.27	82	381555	83.31	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	226414	122.49	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	957412	85.19	ng	-0.02
79) Terphenyl-d14	20.08	244	1313364	86.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	47679	13.338	ng	Qvalue # 72
35) Caprolactam	11.83	113	8214	4.807	ng	# 87
51) 2,6-Dinitrotoluene	14.73	165	21871	7.541	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	21871	5.744	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	758	8.831	ng	# 76
67) 4-Bromophenyl-phenylether	16.22	248	16276	4.039	ng	# 1

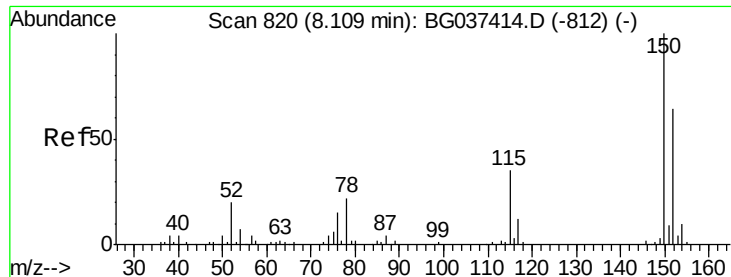
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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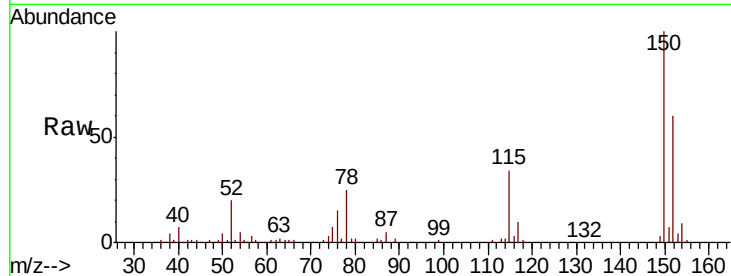


#1

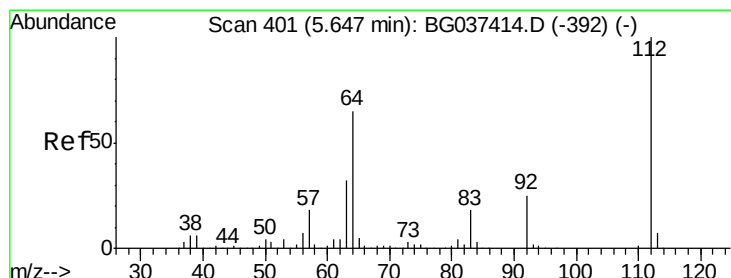
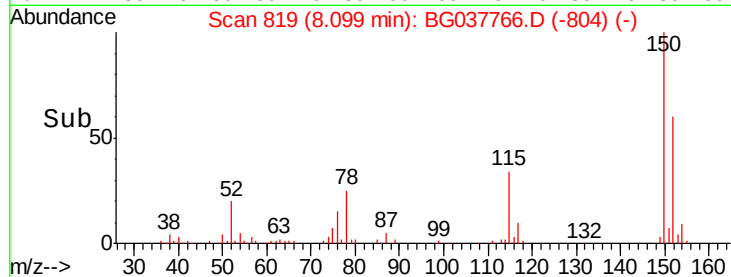
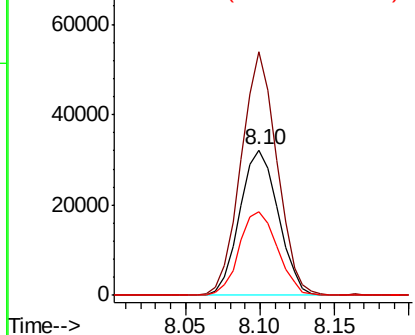
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037766.D
 Acq: 2 Nov 2018 22:36

Instrument :
 BNA_G
 ClientSampleId :
 CPS073082

Tot Ion:152 Resp: 57395
 Ion Ratio Lower Upper
 152 100
 150 167.6 126.0 189.0
 115 57.8 45.5 68.3



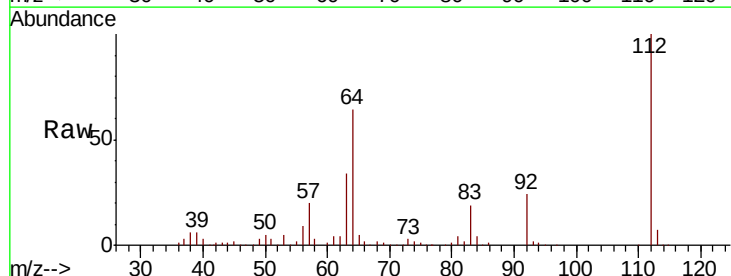
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



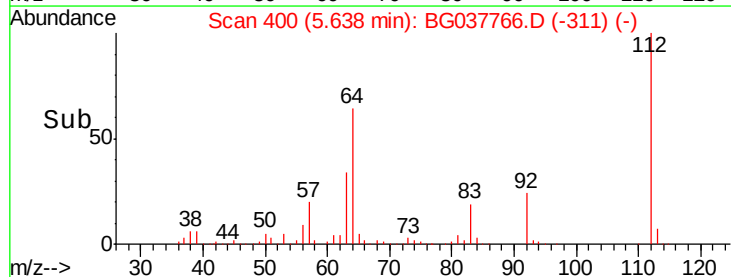
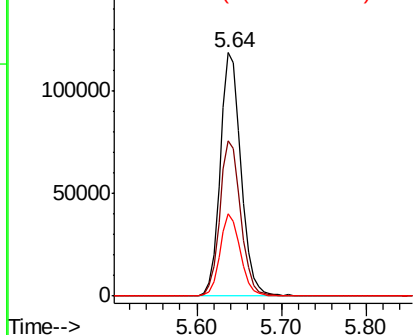
#5

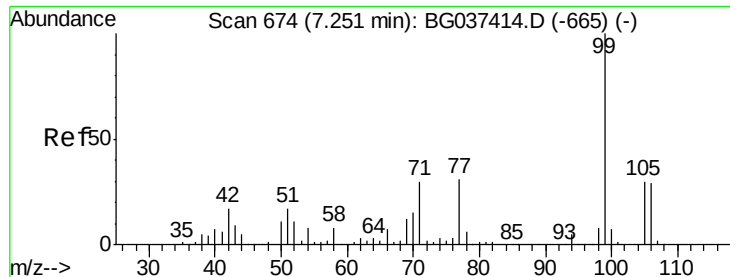
2-Fluorophenol
 Concen: 58.832 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037766.D
 Acq: 2 Nov 2018 22:36

Tgt Ion:112 Resp: 201972
 Ion Ratio Lower Upper
 112 100
 64 63.7 53.1 79.7
 63 34.0 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: 36.800 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037766.D

Acq: 2 Nov 2018 22:36

Instrument :

BNA_G

ClientSampleId :

CPS073082

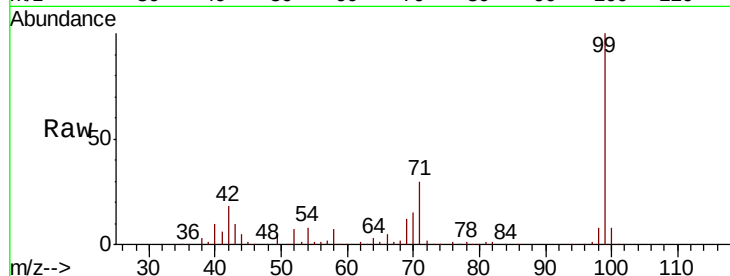
Tot Ion: 99 Resp: 191036

Ion Ratio Lower Upper

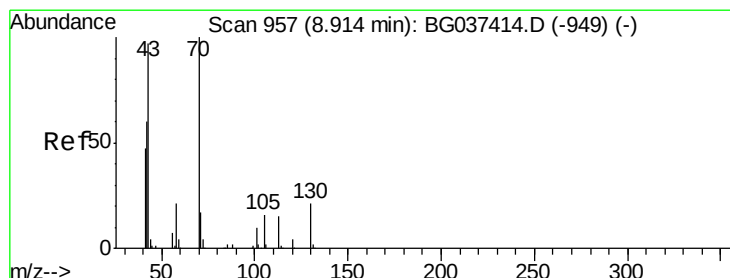
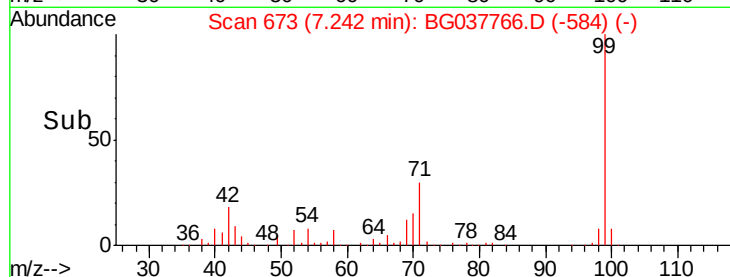
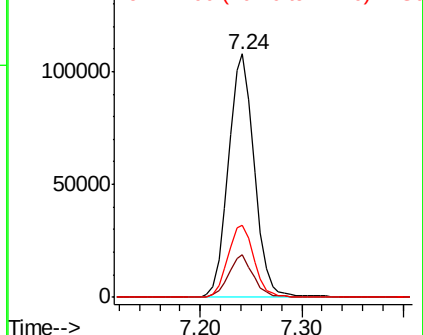
99 100

42 17.5 15.0 22.4

71 29.5 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: 13.338 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037766.D

Acq: 2 Nov 2018 22:36

Tgt Ion: 70 Resp: 47679

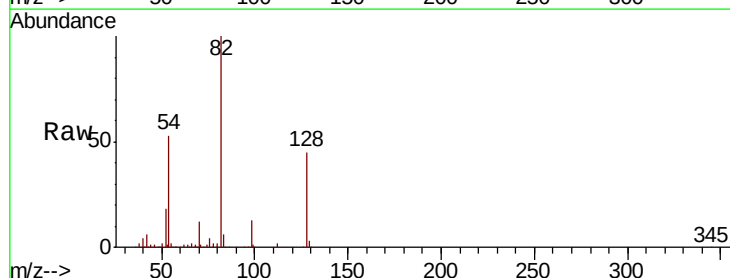
Ion Ratio Lower Upper

70 100

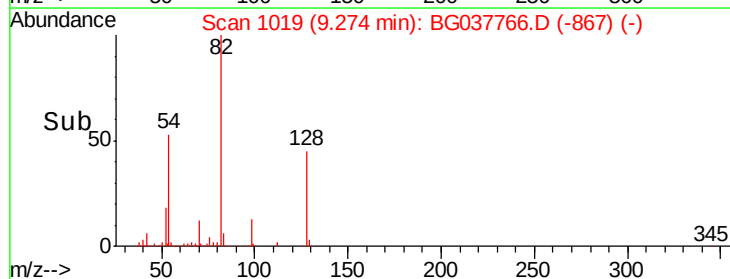
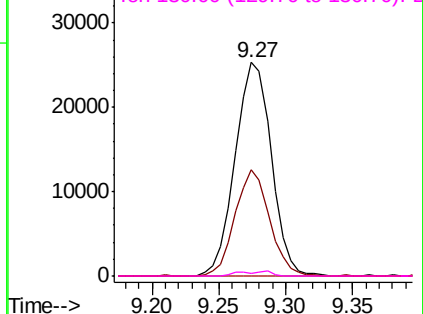
42 49.6 53.9 80.9#

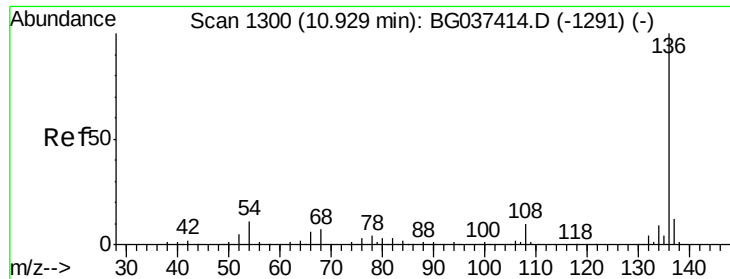
101 0.0 8.2 12.2#

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

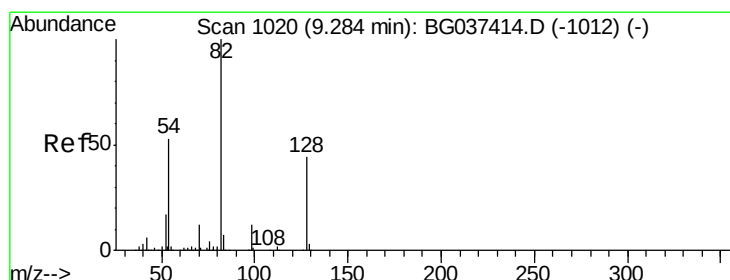
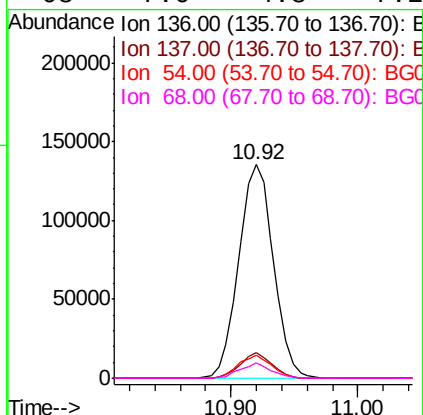
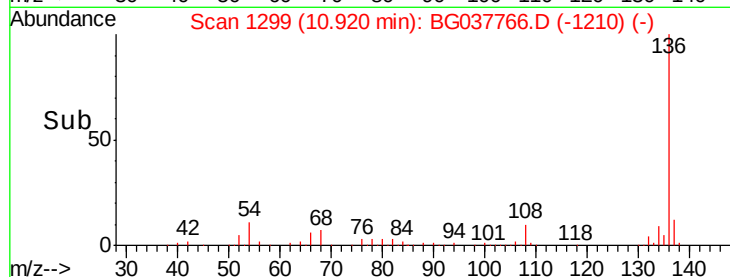
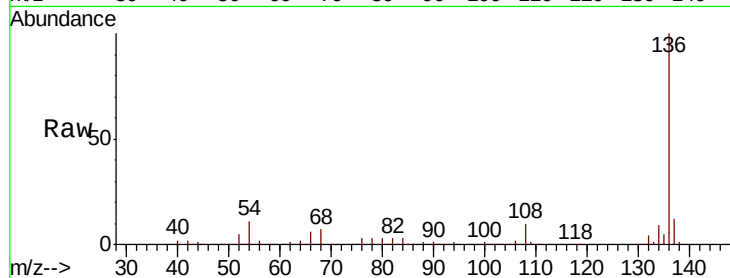




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

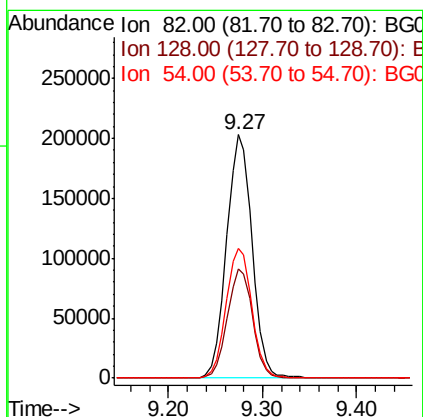
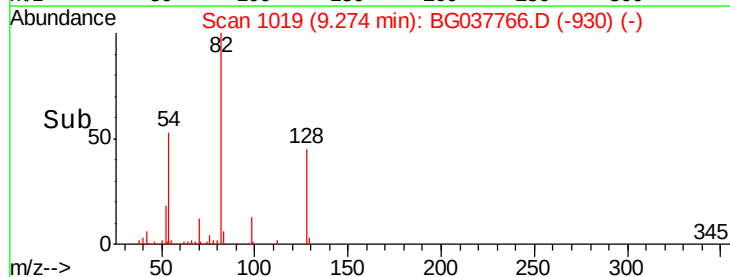
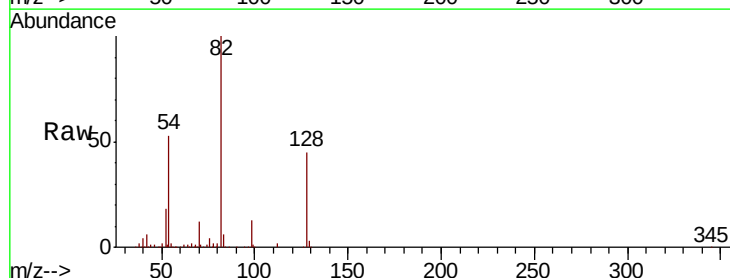
Instrument :
BNA_G
ClientSampleId :
CPS073082

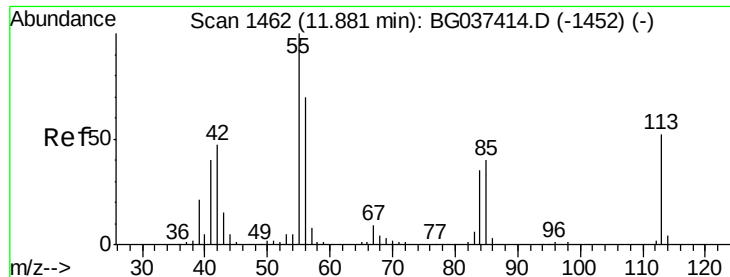
Tot Ion:136	Resp:	256562
Ion Ratio	Lower	Upper
136 100		
137 11.8	9.6	14.4
54 10.9	7.9	11.9
68 7.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 83.311 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Tgt	Ion: 82	Resp:	381555
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	53.3	45.3	67.9

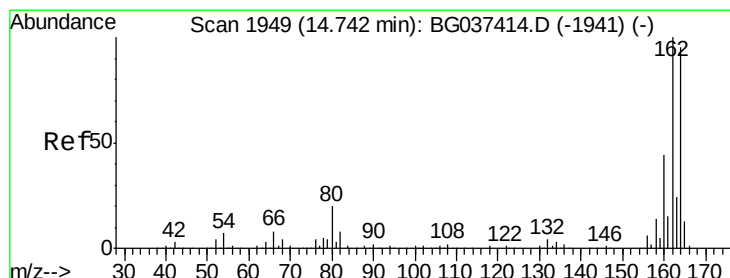
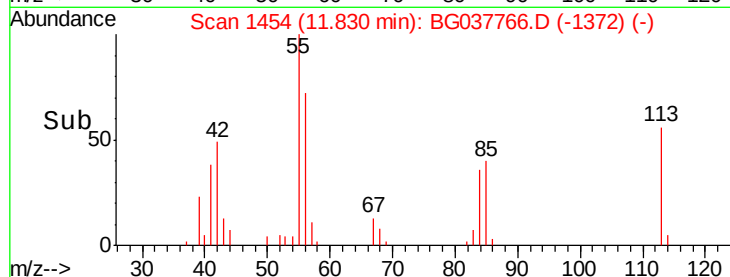
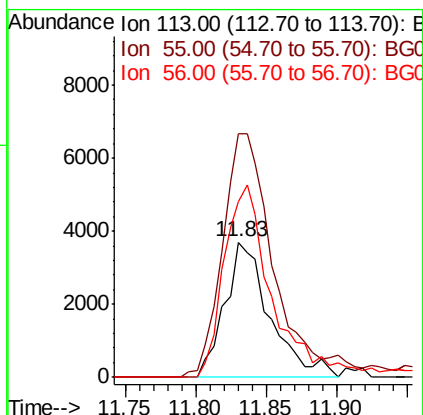
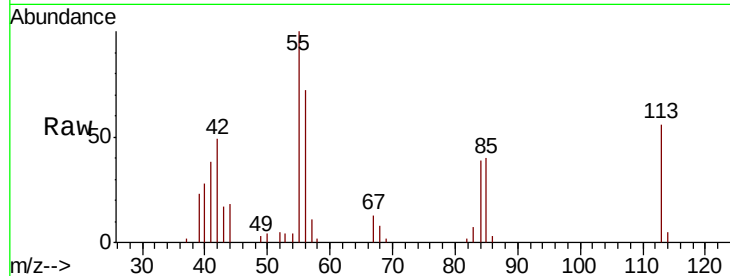




#35
 Caprolactam
 Concen: 4.807 ng
 RT: 11.83 min Scan# 1454
 Delta R.T. -0.05 min
 Lab File: BG037766.D
 Acq: 2 Nov 2018 22:36

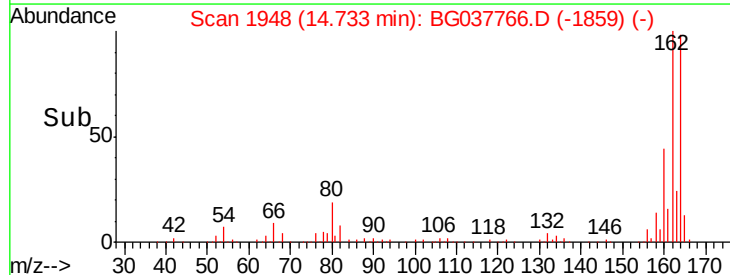
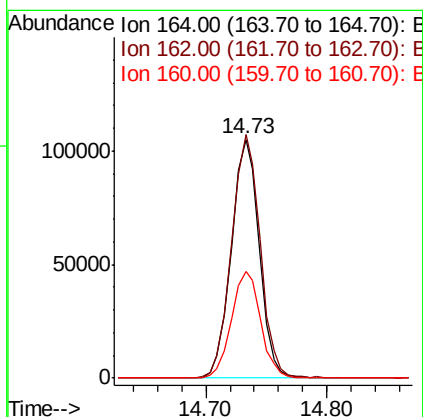
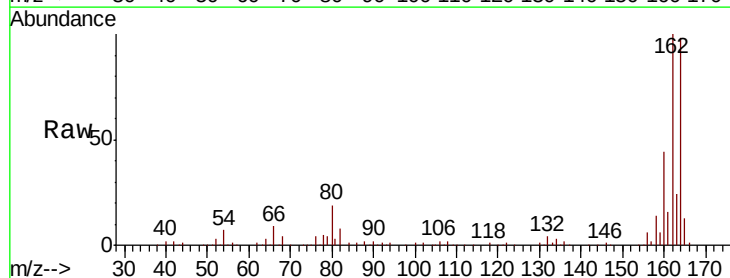
Instrument :
 BNA_G
 ClientSampleId :
 CPS073082

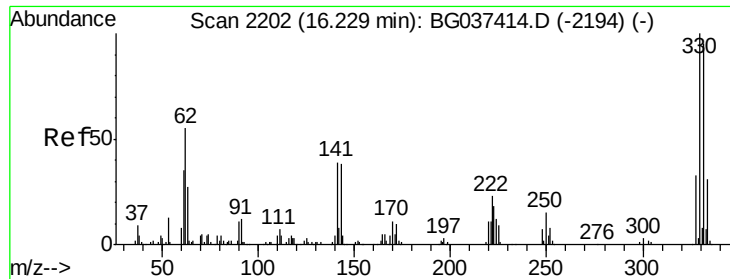
Tot Ion:113 Resp: 8214
 Ion Ratio Lower Upper
 113 100
 55 180.0 176.6 216.6
 56 130.0 128.3 168.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037766.D
 Acq: 2 Nov 2018 22:36

Tgt Ion:164 Resp: 169477
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.3 121.9
 160 44.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 122.487 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037766.D

Acq: 2 Nov 2018 22:36

Instrument :

BNA_G

ClientSampleId :

CPS073082

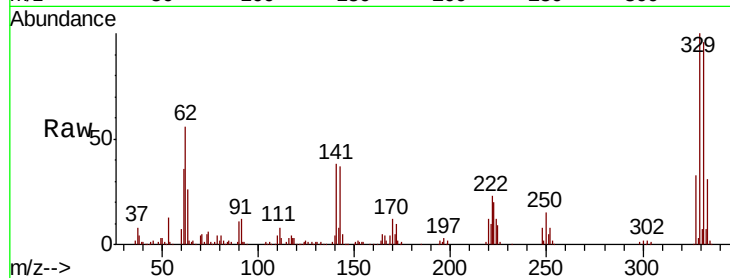
Tot Ion:330 Resp: 226414

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

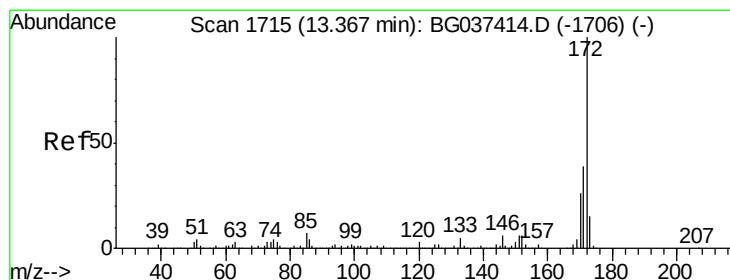
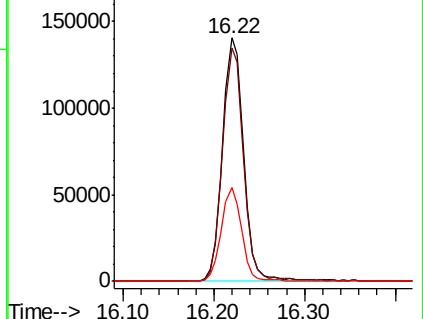
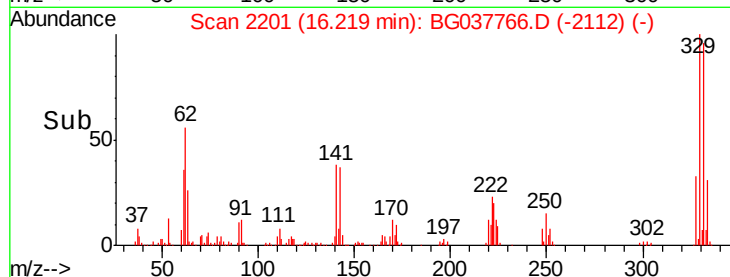
141 37.8 32.2 48.2



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: 85.187 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BG037766.D

Acq: 2 Nov 2018 22:36

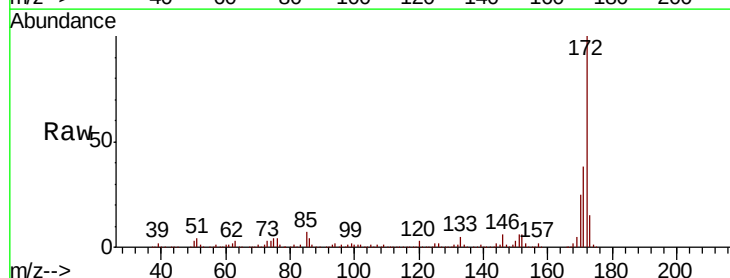
Tgt Ion:172 Resp: 957412

Ion Ratio Lower Upper

172 100

171 38.0 31.0 46.4

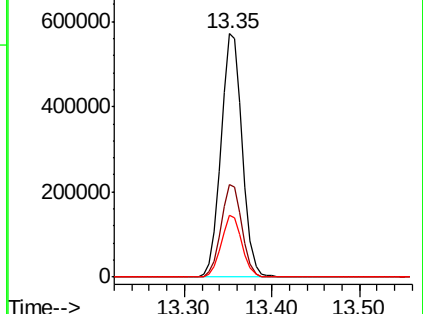
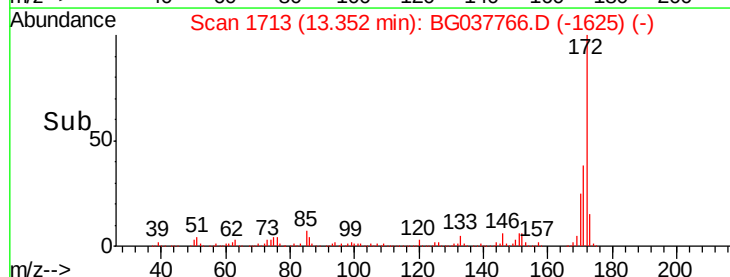
170 25.5 20.2 30.2

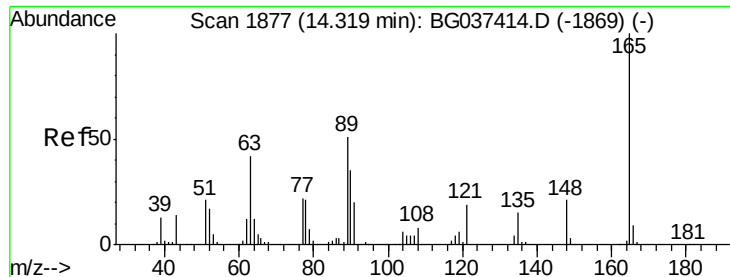


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

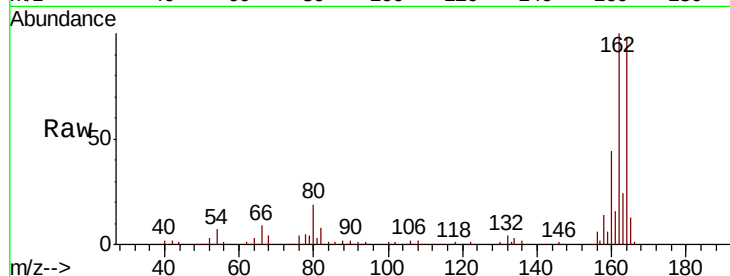




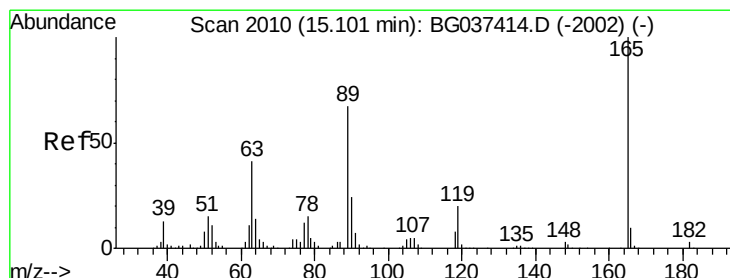
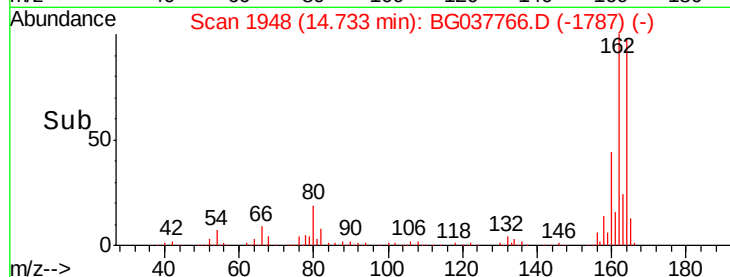
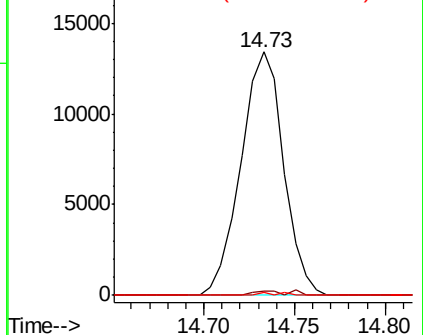
#51
 2,6-Dinitrotoluene
 Concen: 7.541 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037766.D
 Acq: 2 Nov 2018 22:36

Instrument :
 BNA_G
 ClientSampleId :
 CPS073082

Tot Ion:165 Resp: 21871
 Ion Ratio Lower Upper
 165 100
 63 1.7 43.4 65.2#
 89 1.3 45.8 68.6#

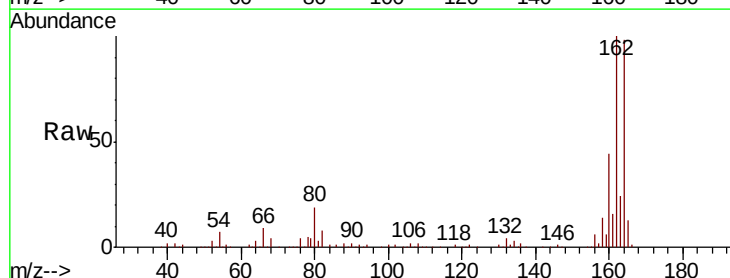


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

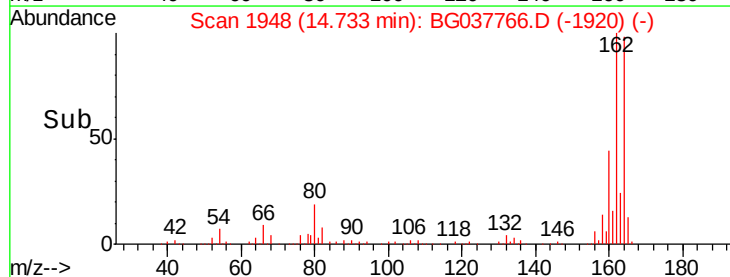
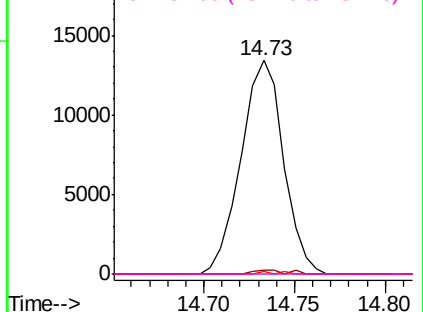


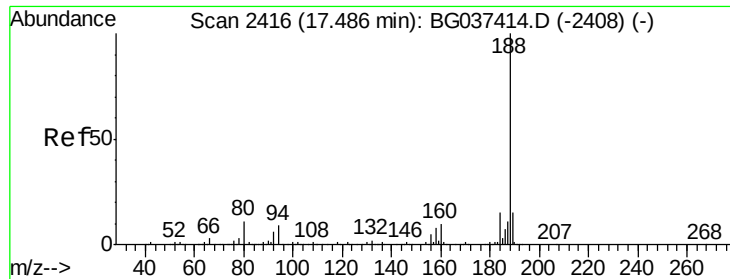
#57
 2,4-Dinitrotoluene
 Concen: 5.744 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037766.D
 Acq: 2 Nov 2018 22:36

Tgt Ion:165 Resp: 21871
 Ion Ratio Lower Upper
 165 100
 63 1.7 33.4 50.0#
 89 1.3 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: BG037766.D

Acq: 2 Nov 2018 22:36

Instrument :

BNA_G

ClientSampleId :

CPS073082

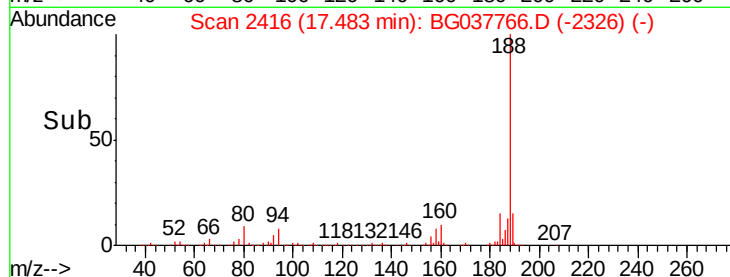
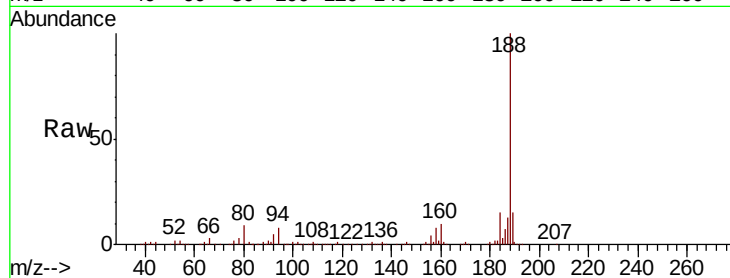
Tot Ion:188 Resp: 366988

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

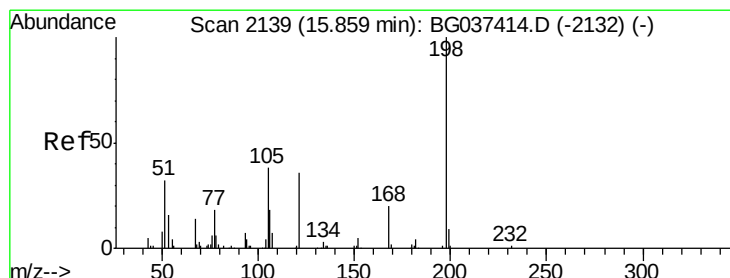
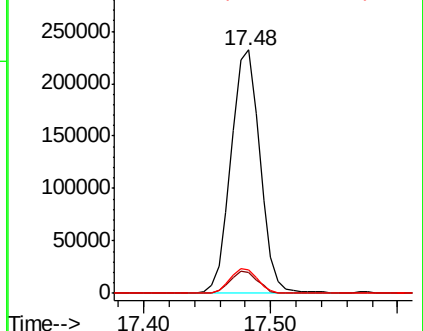
80 9.5 7.7 11.5



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: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037766.D

Acq: 2 Nov 2018 22:36

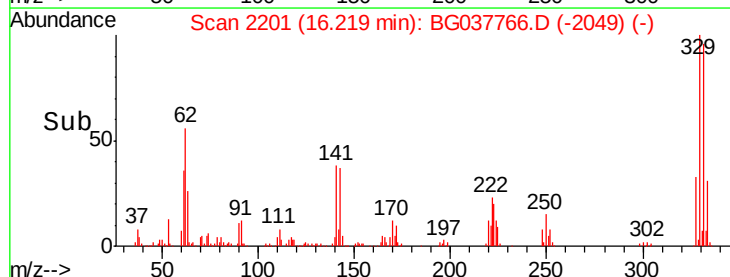
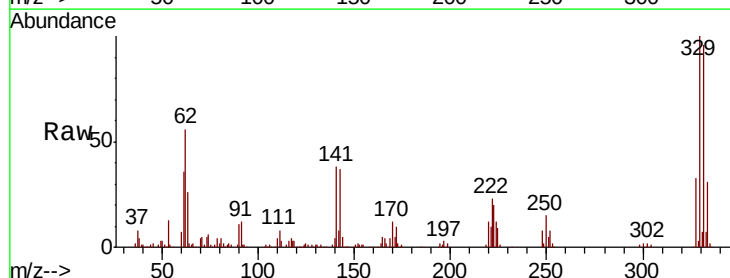
Tgt Ion:198 Resp: 758

Ion Ratio Lower Upper

198 100

51 28.3 22.7 62.7

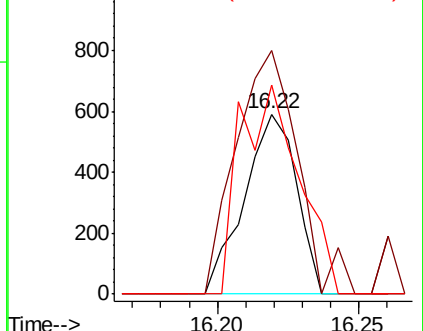
105 24.3 19.7 59.7

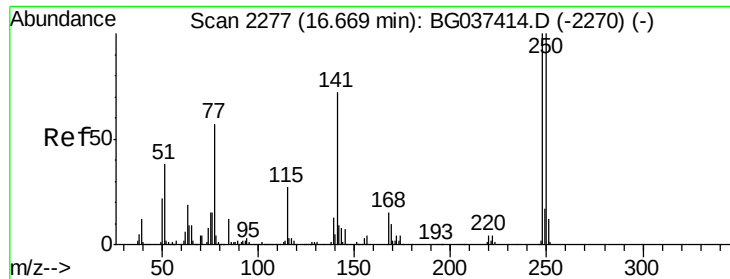


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

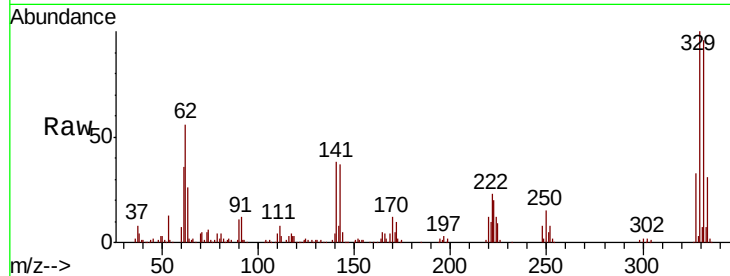




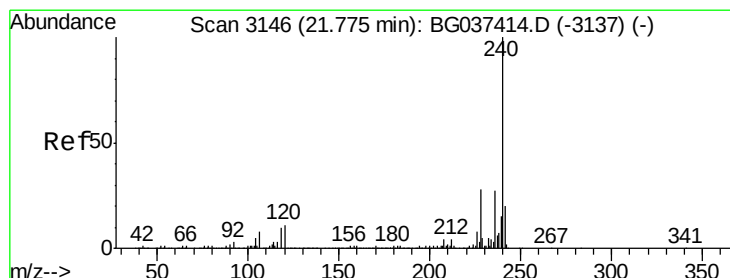
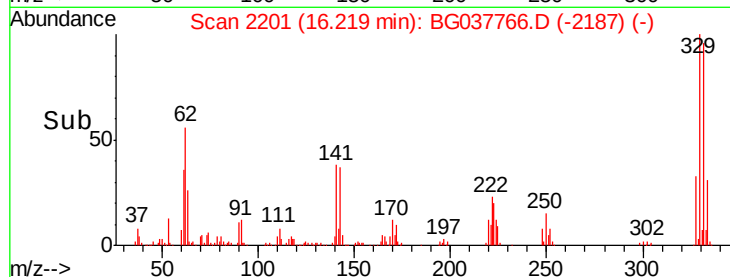
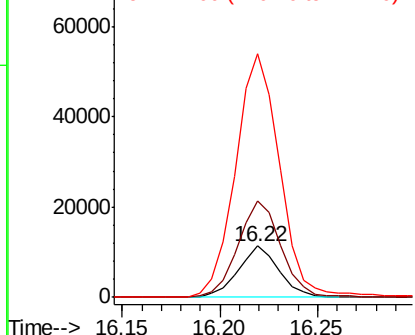
#67
 4-Bromophenyl-phenylether
 Concen: 4.039 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037766.D
 Acq: 2 Nov 2018 22:36

Instrument :
 BNA_G
 ClientSampleId :
 CPS073082

Tot Ion:248 Resp: 16276
 Ion Ratio Lower Upper
 248 100
 250 199.8 77.0 115.6#
 141 388.6 55.5 83.3#

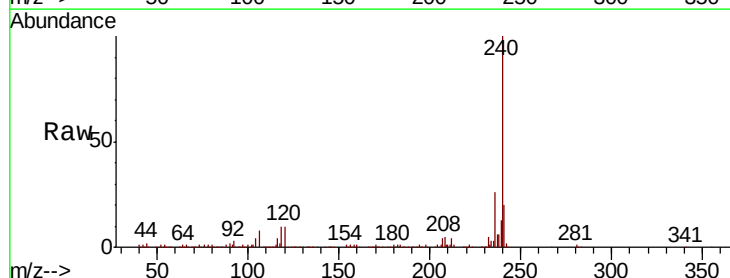


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

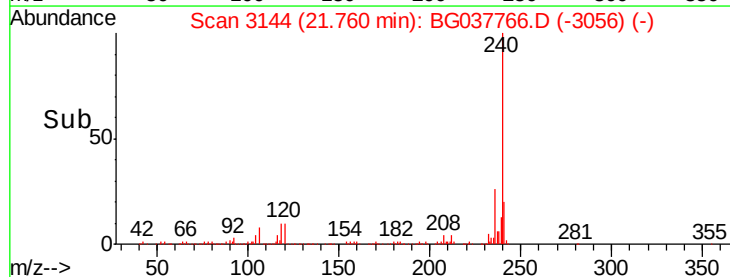
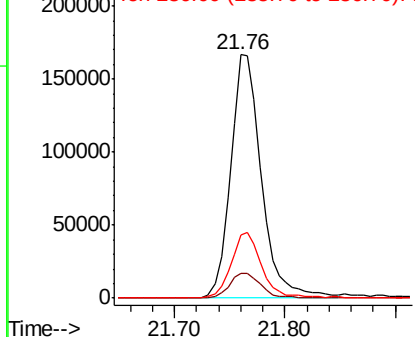


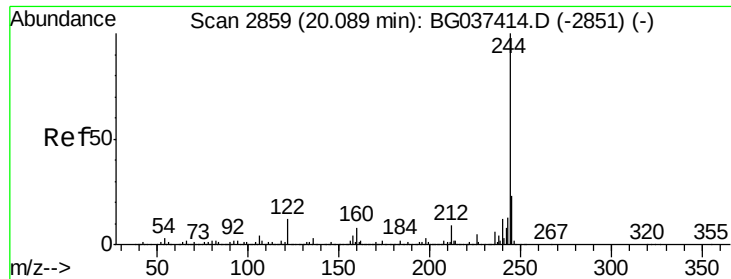
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG037766.D
 Acq: 2 Nov 2018 22:36

Tgt Ion:240 Resp: 326189
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.1 12.1
 236 25.9 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: 86.035 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037766.D

Acq: 2 Nov 2018 22:36

Instrument :

BNA_G

ClientSampleId :

CPS073082

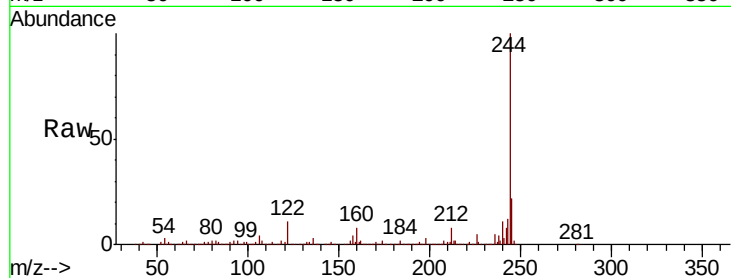
Tot Ion:244 Resp: 1313364

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

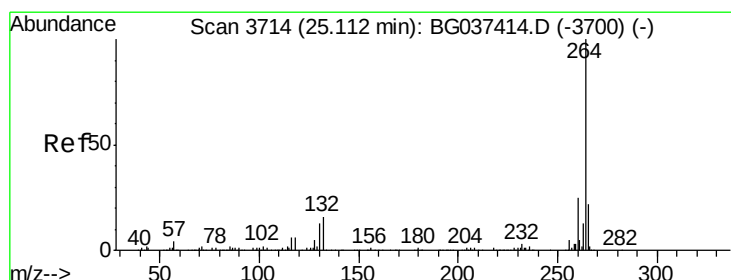
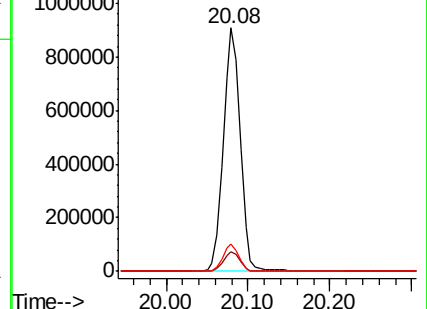
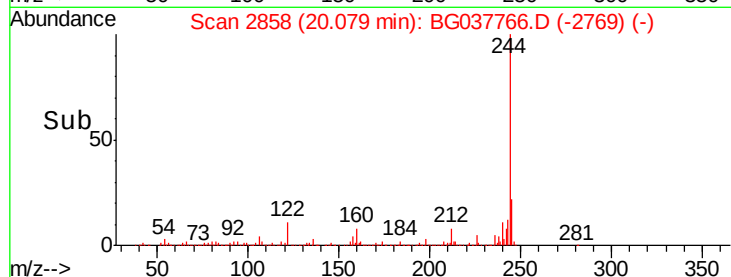
122 11.0 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037766.D

Acq: 2 Nov 2018 22:36

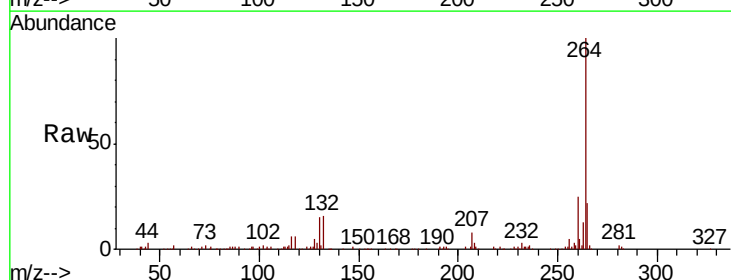
Tgt Ion:264 Resp: 286835

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

265 22.1 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

