

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110718\
 Data File : BG037860.D
 Acq On : 7 Nov 2018 11:33
 Operator : JU/SJ
 Sample : J5820-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS043085

Quant Time: Nov 07 12:59:48 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

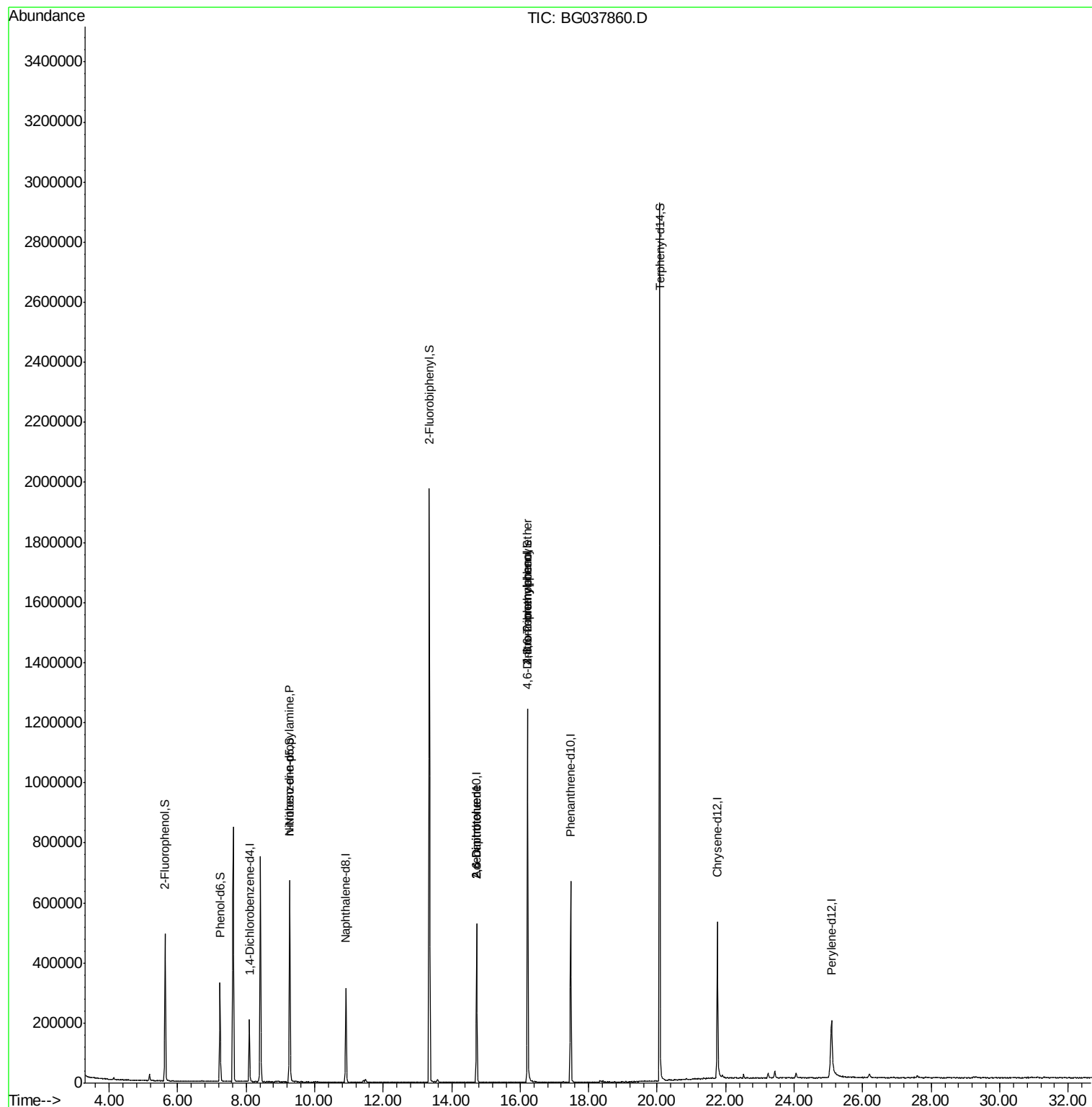
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	64327	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	288182	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	190282	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	415570	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	360779	20.00	ng	-0.02
87) Perylene-d12	25.09	264	305430	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	231422	60.15	ng	-0.01
7) Phenol-d6	7.23	99	214417	36.85	ng	-0.02
23) Nitrobenzene-d5	9.27	82	437481	85.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	236661	114.03	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1052365	83.40	ng	-0.02
79) Terphenyl-d14	20.08	244	1472634	87.22	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	54901	13.703	ng	# 70
51) 2,6-Dinitrotoluene	14.72	165	24640	7.566	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	24640	5.764	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.21	198	762	8.795	ng	80
67) 4-Bromophenyl-phenylether	16.22	248	17677	3.873	ng	# 1

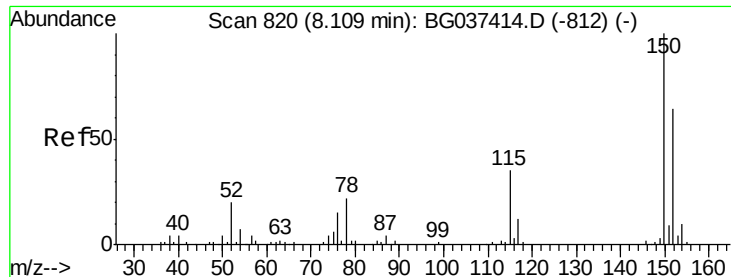
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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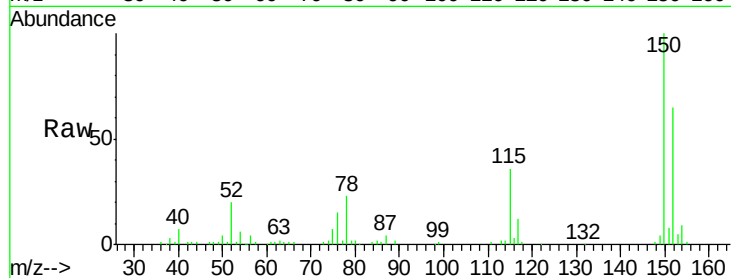


#1

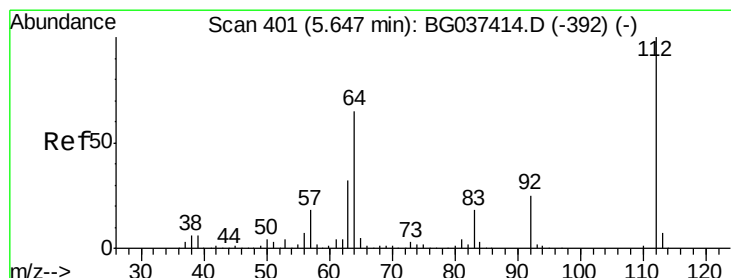
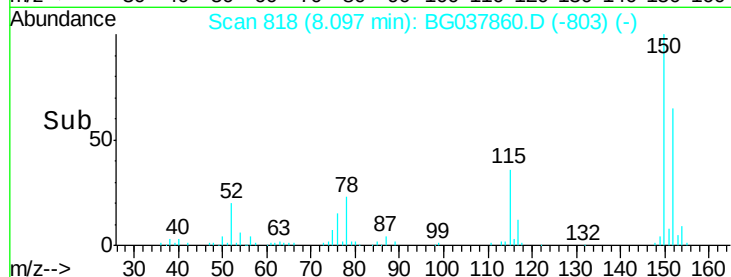
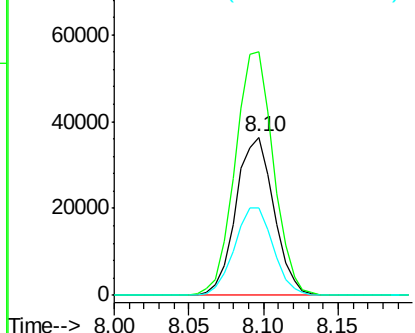
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037860.D
Acq: 7 Nov 2018 11:33

Instrument :
BNA_G
ClientSampleId :
CPS043085

Tgt Ion:152 Resp: 64327
Ion Ratio Lower Upper
152 100
150 153.8 126.0 189.0
115 55.0 45.5 68.3



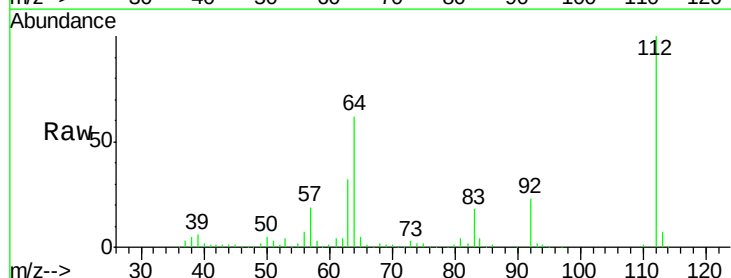
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



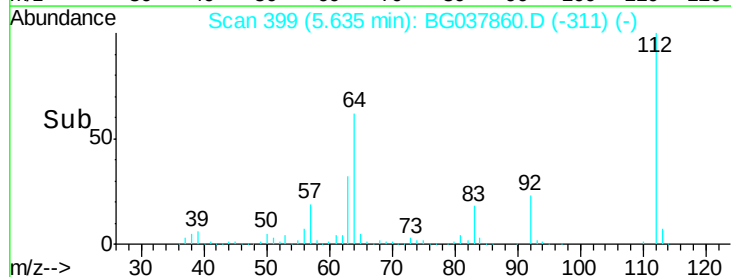
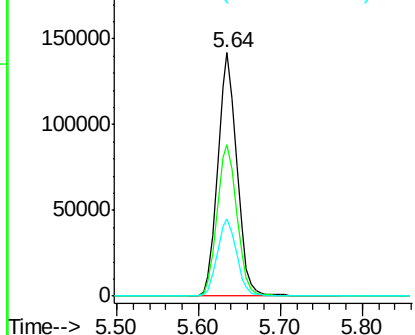
#5

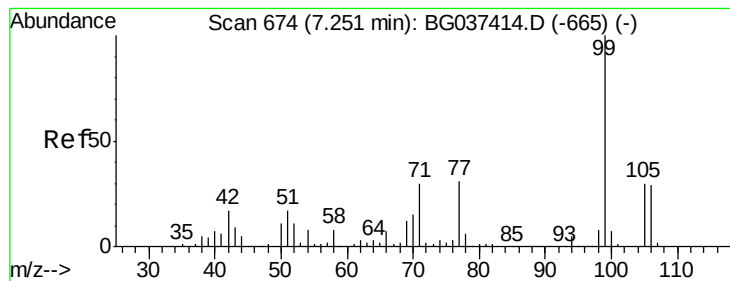
2-Fluorophenol
Concen: 60.146 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037860.D
Acq: 7 Nov 2018 11:33

Tgt Ion:112 Resp: 231422
Ion Ratio Lower Upper
112 100
64 62.2 53.1 79.7
63 31.6 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: 36.853 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037860.D

Acq: 7 Nov 2018 11:33

Instrument :

BNA_G

ClientSampleId :

CPS043085

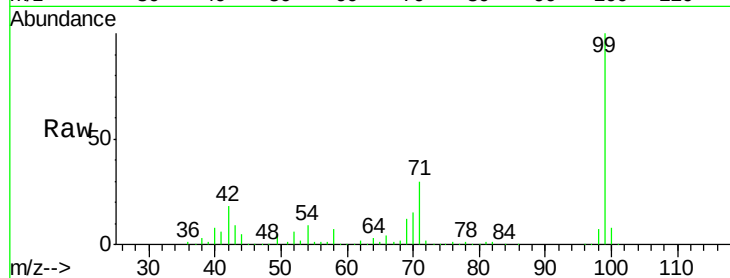
Tgt Ion: 99 Resp: 214417

Ion Ratio Lower Upper

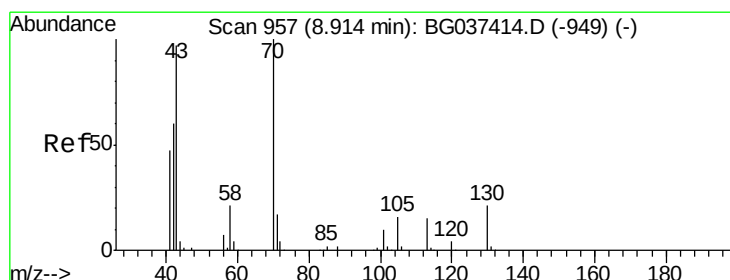
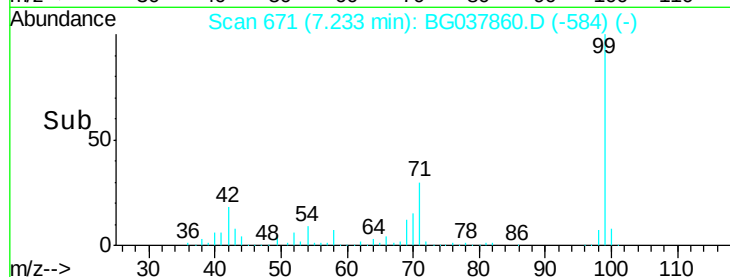
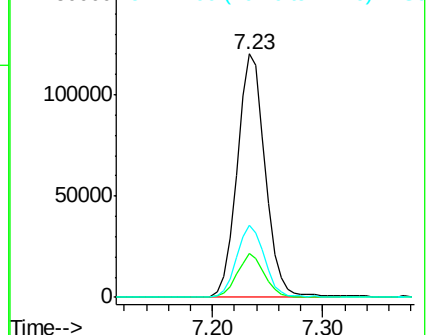
99 100

42 18.2 15.0 22.4

71 29.7 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: 13.703 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037860.D

Acq: 7 Nov 2018 11:33

Tgt Ion: 70 Resp: 54901

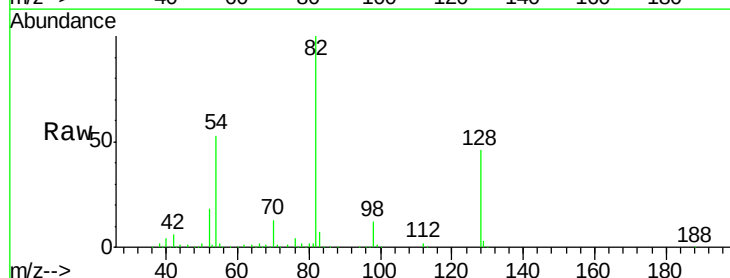
Ion Ratio Lower Upper

70 100

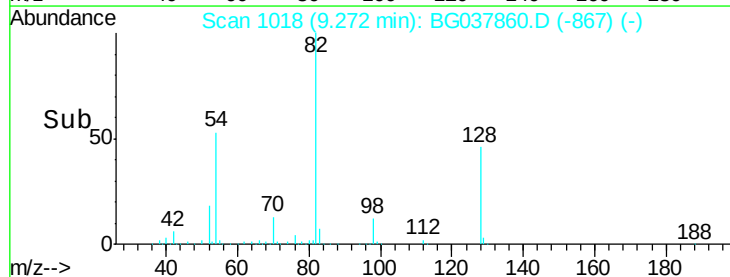
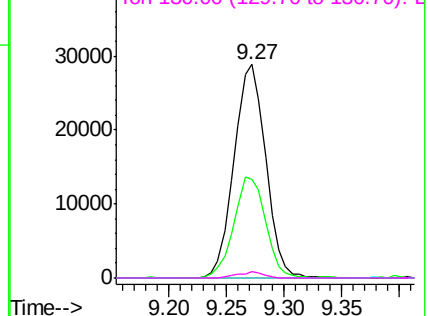
42 46.1 53.9 80.9#

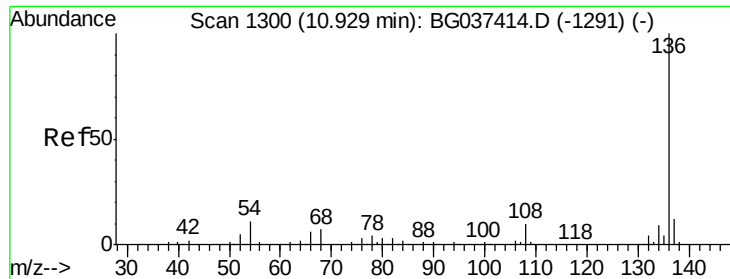
101 0.0 8.2 12.2#

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

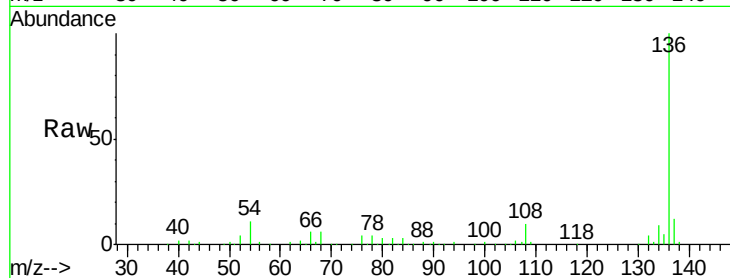




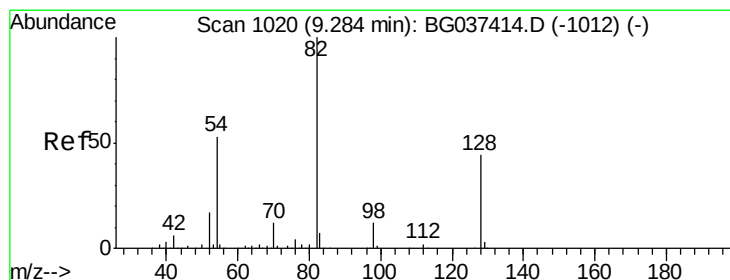
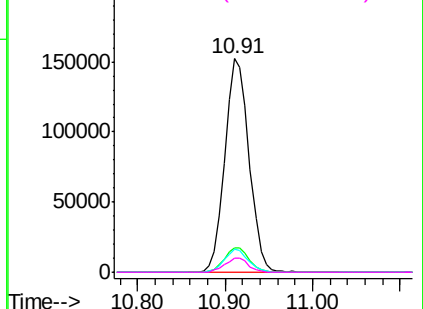
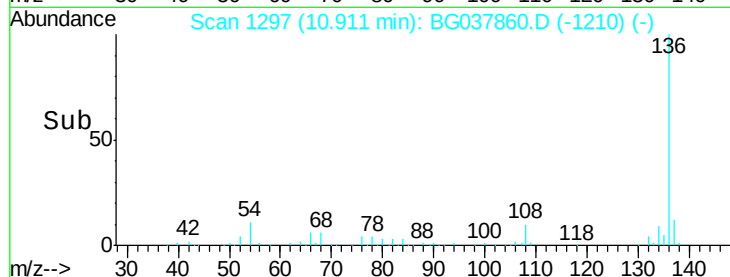
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037860.D
Acq: 7 Nov 2018 11:33

Instrument :
BNA_G
ClientSampleId :
CPS043085

Tgt Ion:	136	Resp:	288182
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.6	7.9	11.9
68	6.4	4.8	7.2

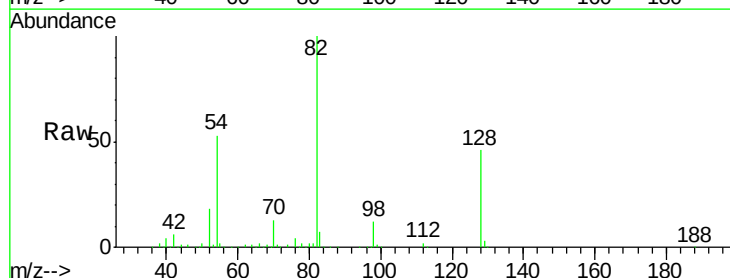


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

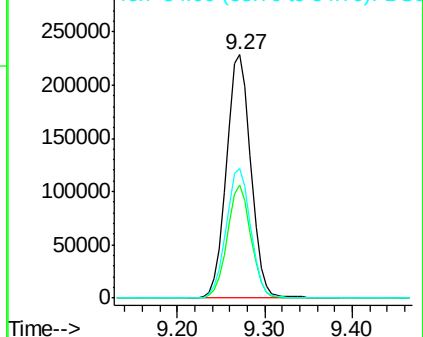
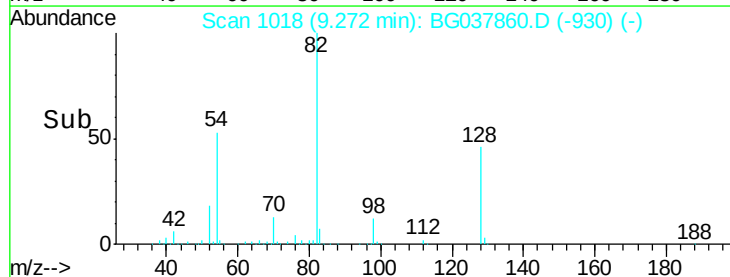


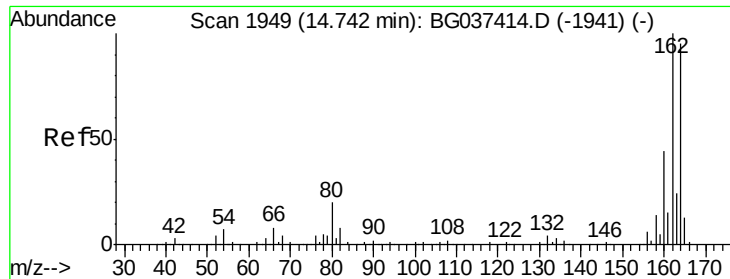
#23
Nitrobenzene-d5
Concen: 85.041 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037860.D
Acq: 7 Nov 2018 11:33

Tgt Ion:	82	Resp:	437481
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.6	51.8
54	53.2	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037860.D

Acq: 7 Nov 2018 11:33

Instrument :

BNA_G

ClientSampleId :

CPS043085

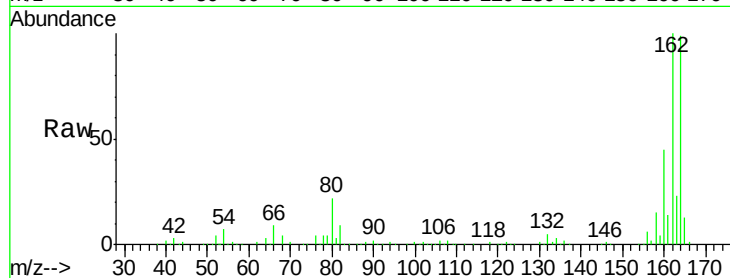
Tgt Ion:164 Resp: 190282

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

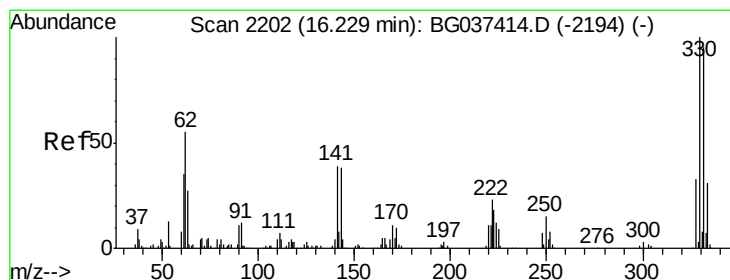
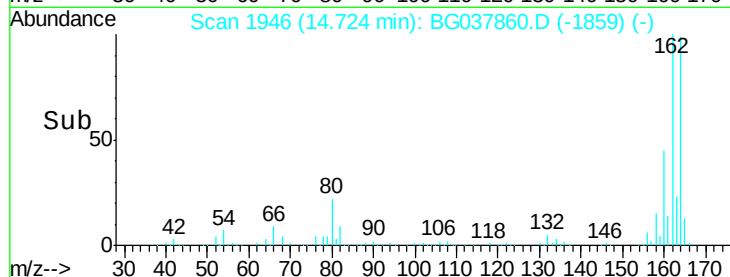
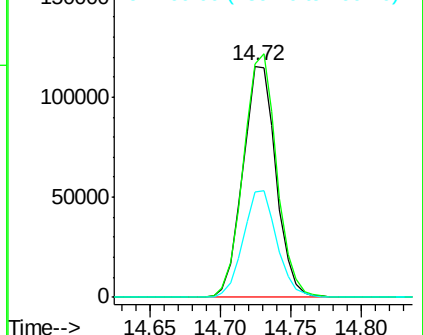
160 45.3 36.3 54.5



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: 114.032 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037860.D

Acq: 7 Nov 2018 11:33

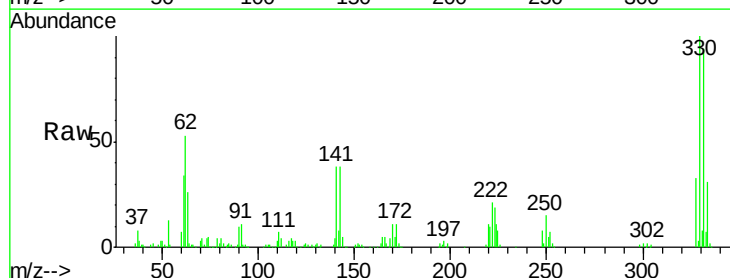
Tgt Ion:330 Resp: 236661

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

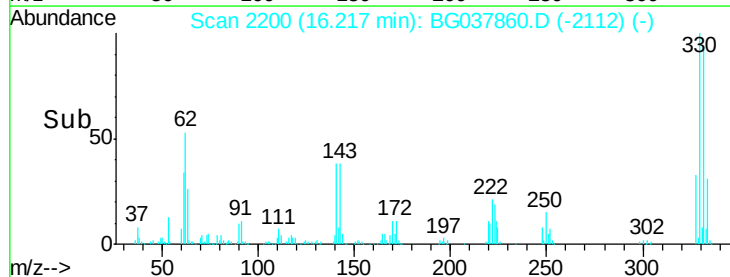
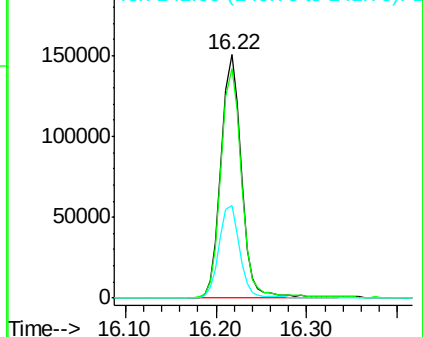
141 38.6 32.2 48.2

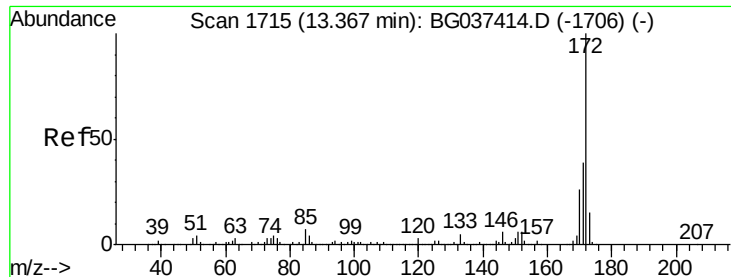


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

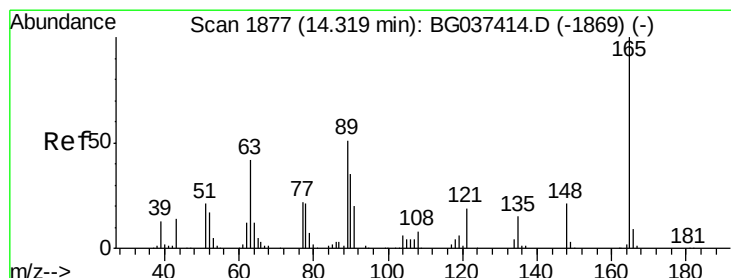
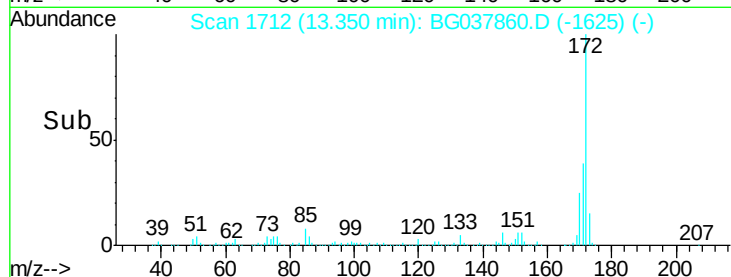
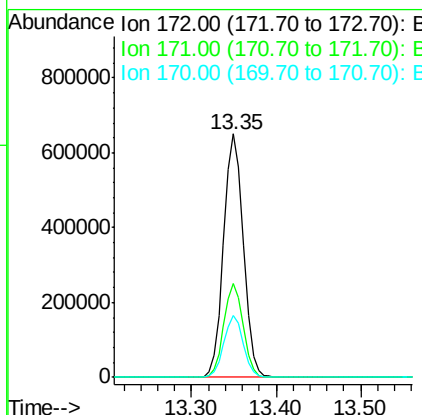
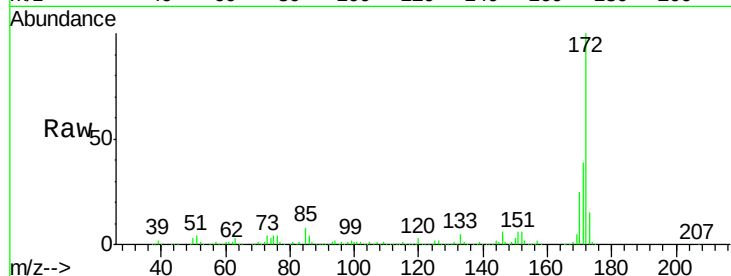




#45
 2-Fluorobiphenyl
 Concen: 83.398 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037860.D
 Acq: 7 Nov 2018 11:33

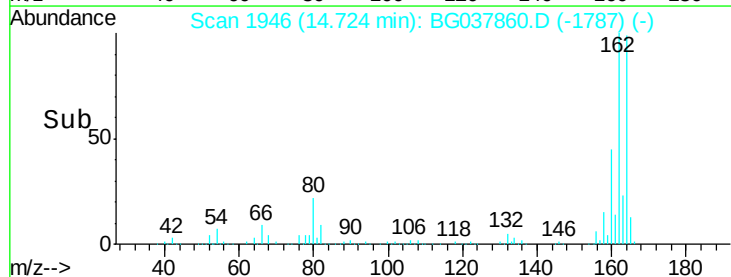
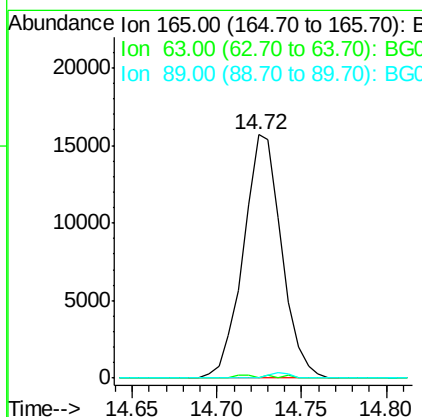
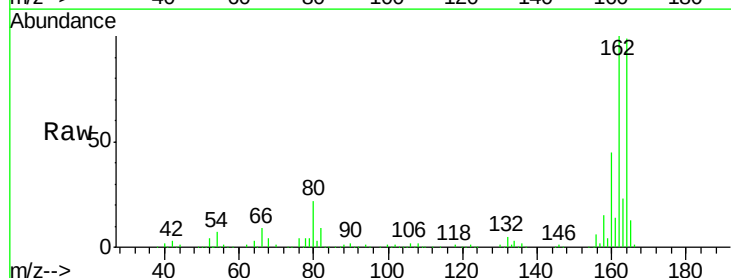
Instrument :
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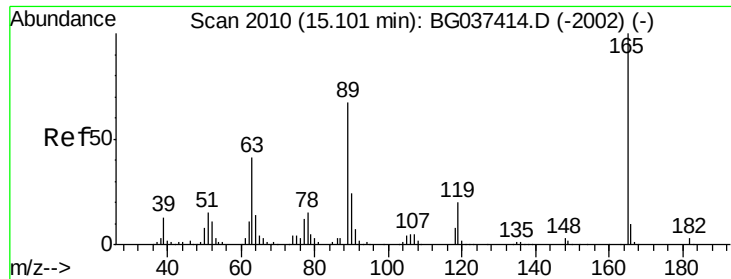
Tgt Ion:172 Resp: 1052365
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.0 46.4
 170 25.2 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.566 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.41 min
 Lab File: BG037860.D
 Acq: 7 Nov 2018 11:33

Tgt Ion:165 Resp: 24640
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#

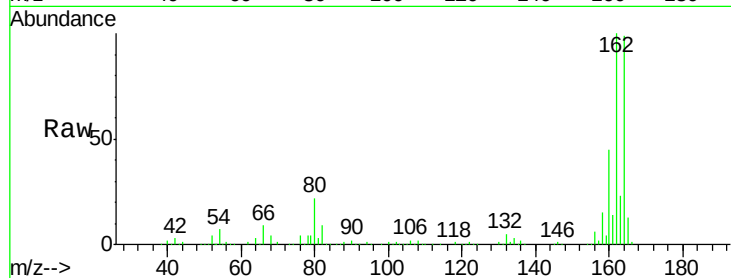




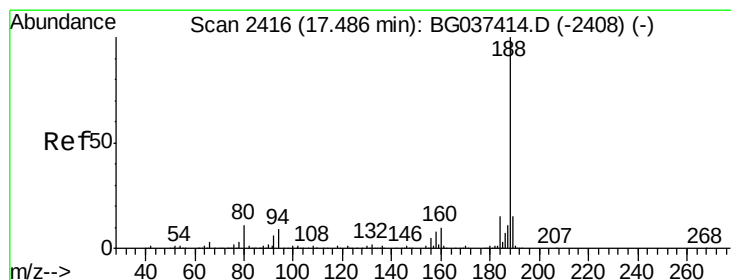
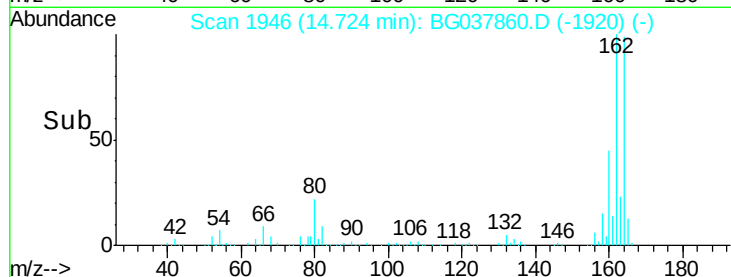
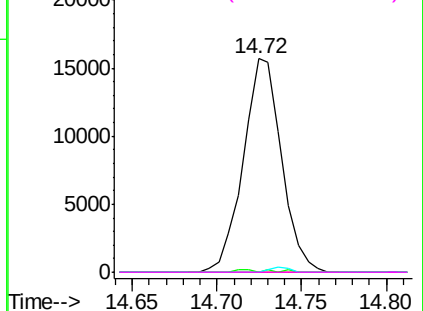
#57
 2,4-Dinitrotoluene
 Concen: 5.764 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037860.D
 Acq: 7 Nov 2018 11:33

Instrument :
 BNA_G
 ClientSampleId :
 CPS043085

Tgt Ion:	165	Resp:	24640
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#

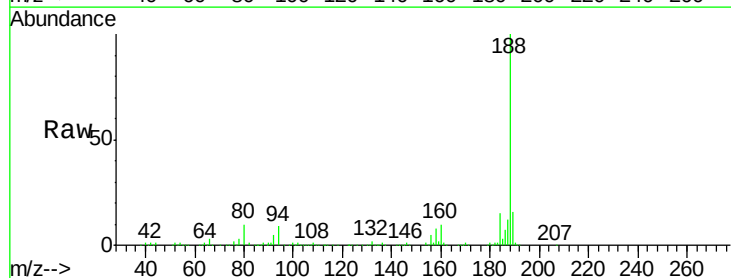


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

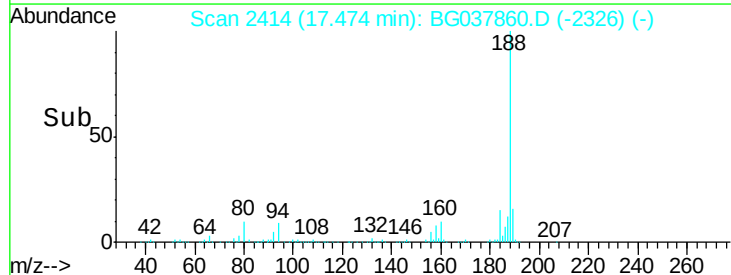
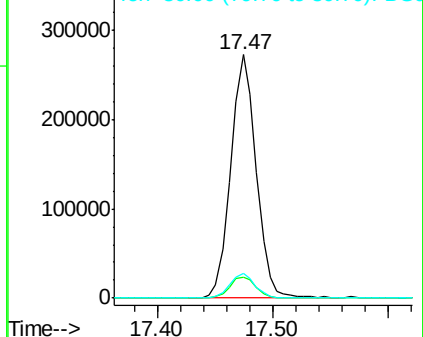


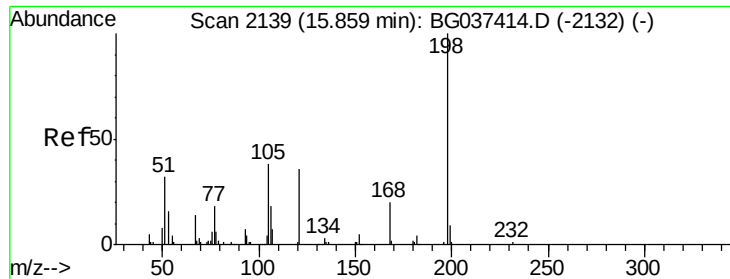
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037860.D
 Acq: 7 Nov 2018 11:33

Tgt Ion:	188	Resp:	415570
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.1	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: 8.795 ng

RT: 16.21 min Scan# 2198

Delta R.T. 0.35 min

Lab File: BG037860.D

Acq: 7 Nov 2018 11:33

Instrument :

BNA_G

ClientSampleId :

CPS043085

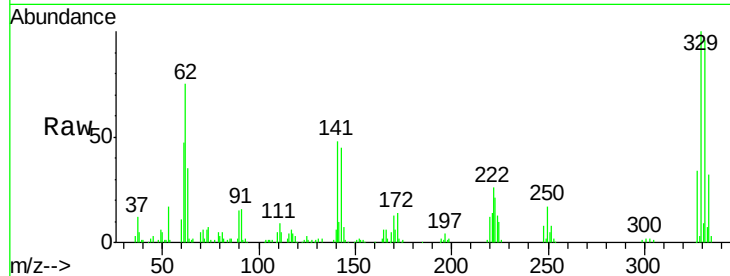
Tgt Ion:198 Resp: 762

Ion Ratio Lower Upper

198 100

51 32.2 22.7 62.7

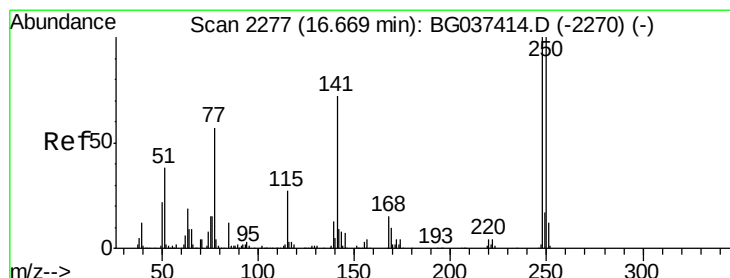
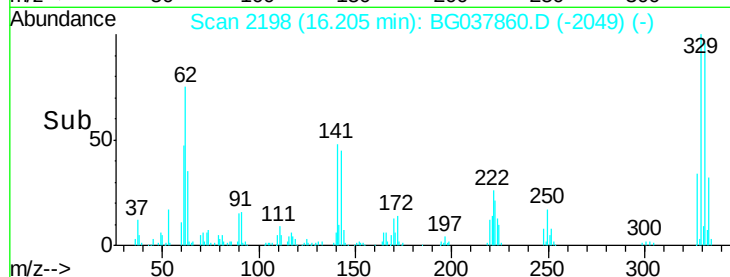
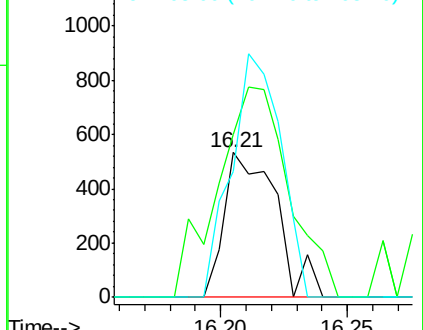
105 24.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.873 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.45 min

Lab File: BG037860.D

Acq: 7 Nov 2018 11:33

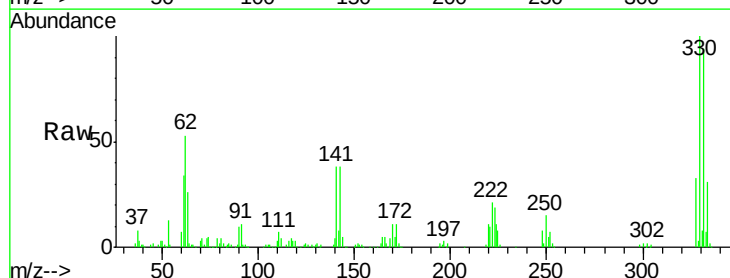
Tgt Ion:248 Resp: 17677

Ion Ratio Lower Upper

248 100

250 194.9 77.0 115.6#

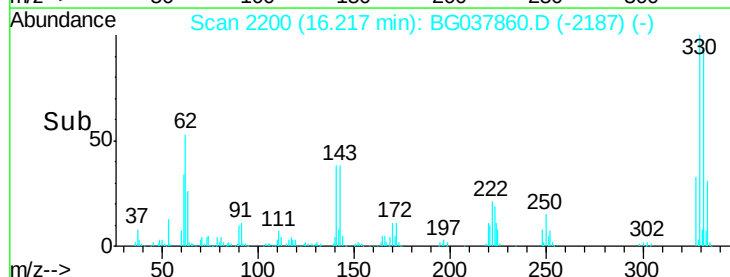
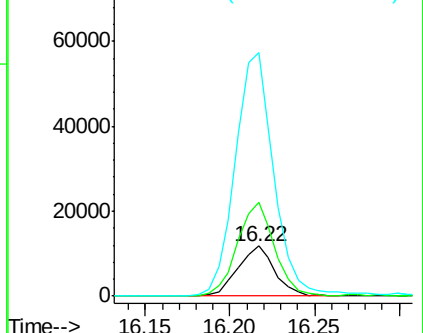
141 384.3 55.5 83.3#

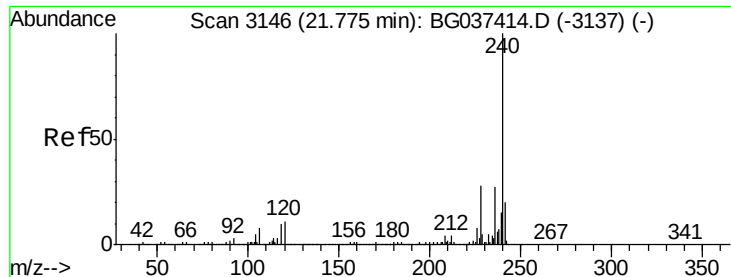


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

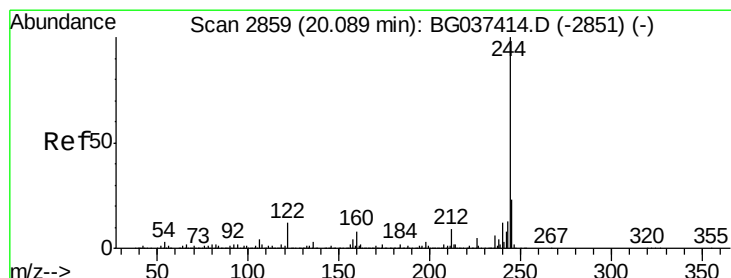
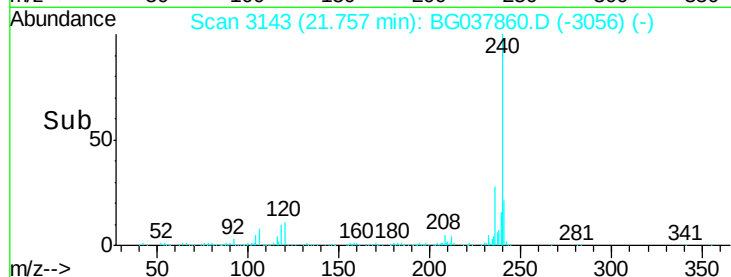
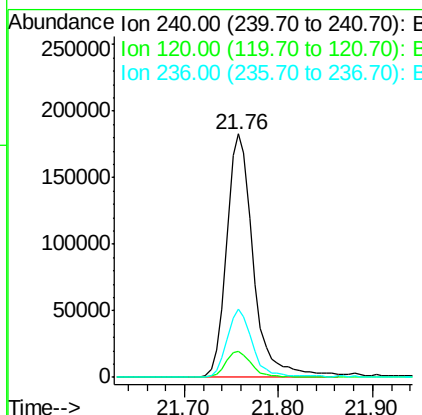
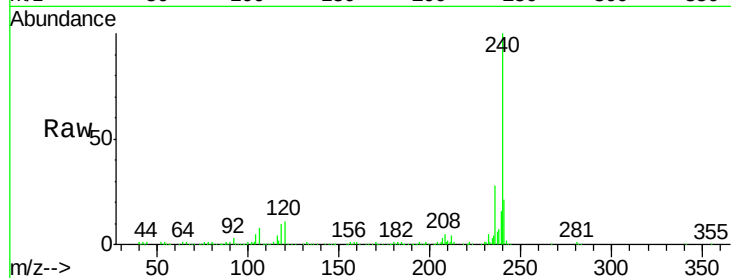




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037860.D
Acq: 7 Nov 2018 11:33

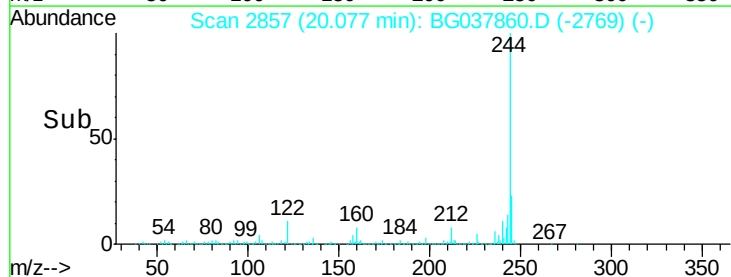
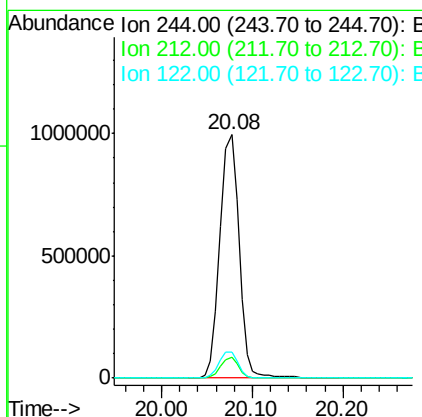
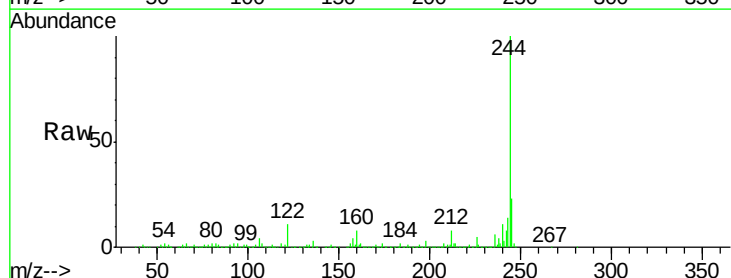
Instrument :
BNA_G
ClientSampleId :
CPS043085

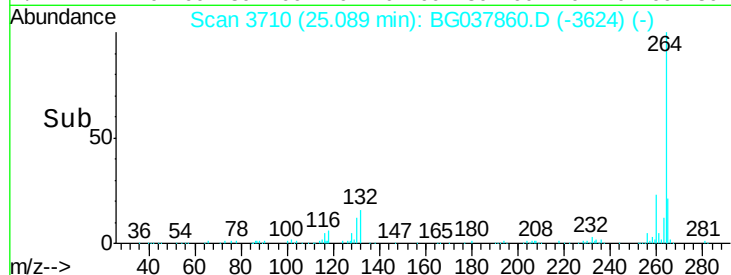
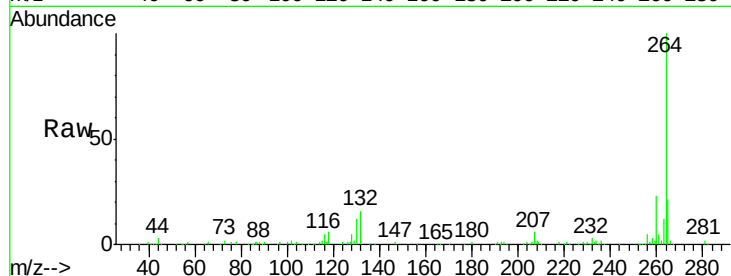
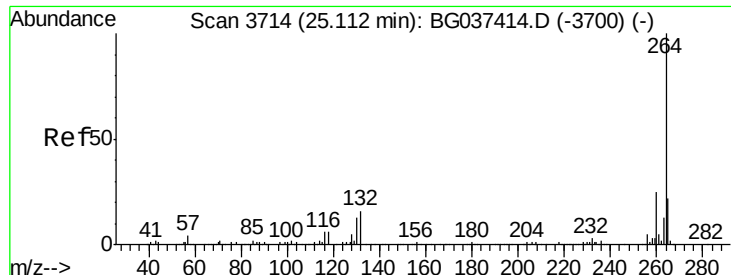
Tgt Ion:240 Resp: 360779
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 27.8 21.4 32.0



#79
Terphenyl-d14
Concen: 87.219 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037860.D
Acq: 7 Nov 2018 11:33

Tgt Ion:244 Resp: 1472634
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 10.9 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG037860.D
Acq: 7 Nov 2018 11:33

Instrument :
BNA_G
ClientSampleId :
CPS043085

Tgt Ion:	264	Resp:	305430
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.2	17.9	26.9

