

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110718\
 Data File : BG037866.D
 Acq On : 7 Nov 2018 15:26
 Operator : JU/SJ
 Sample : J5820-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS083081

Quant Time: Nov 07 16:18:27 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

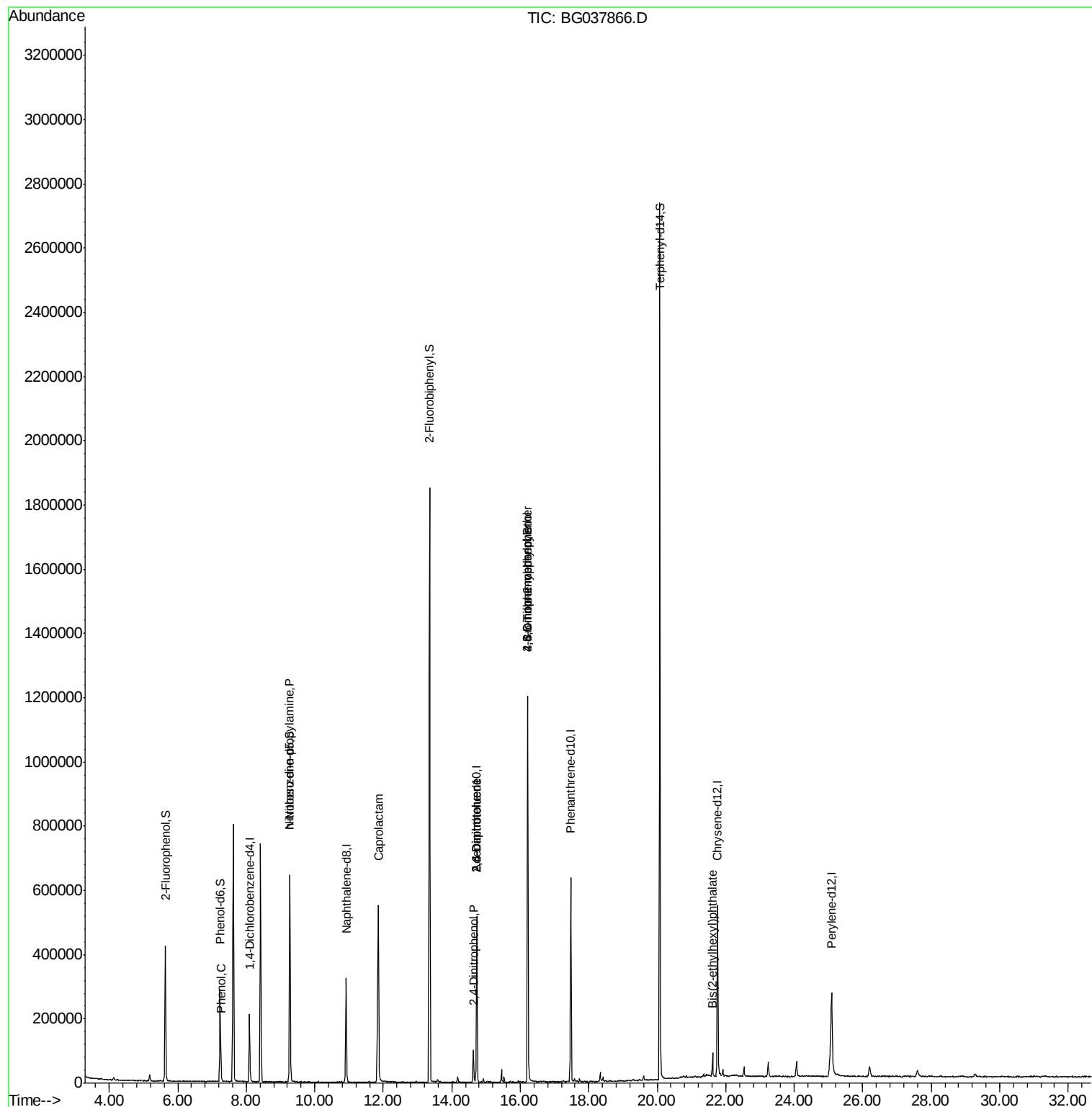
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	63503	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	286477	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	185597	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	408948	20.00	ng	0.00
76) Chrysene-d12	21.76	240	362415	20.00	ng	-0.02
87) Perylene-d12	25.09	264	347592	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	207375	54.60	ng	0.00
7) Phenol-d6	7.24	99	193616	33.71	ng	-0.02
23) Nitrobenzene-d5	9.27	82	422208	82.56	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	235695	116.43	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1018058	82.72	ng	-0.02
79) Terphenyl-d14	20.07	244	1367914	80.65	ng	-0.02
Target Compounds						
10) Phenol	7.26	94	13720	2.264	ng	97
19) n-Nitroso-di-n-propylamine	9.27	70	52664	13.315	ng	# 69
35) Caprolactam	11.86	113	134297	70.380	ng	97
51) 2,6-Dinitrotoluene	14.73	165	24787	7.804	ng	# 25
54) 2,4-Dinitrophenol	14.63	184	277	6.490	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	24787	5.945	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	266	8.609	ng	75
67) 4-Bromophenyl-phenylether	16.21	248	16927	3.769	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.61	149	31533	2.320	ng	95

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

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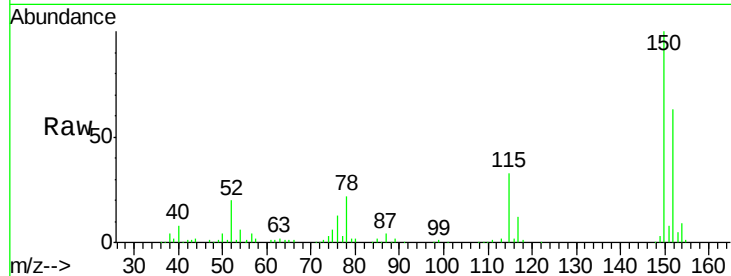


#1

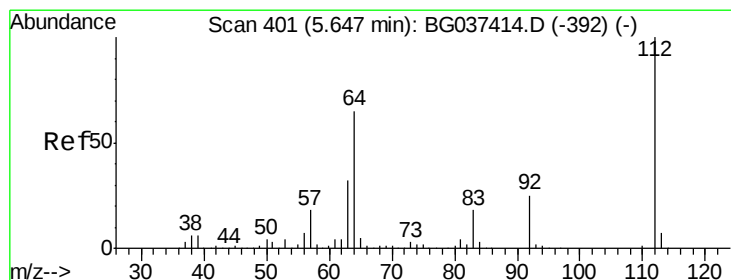
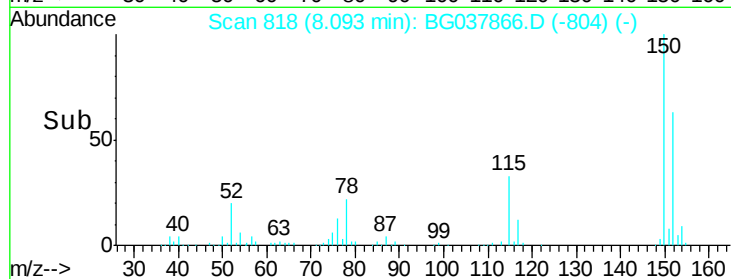
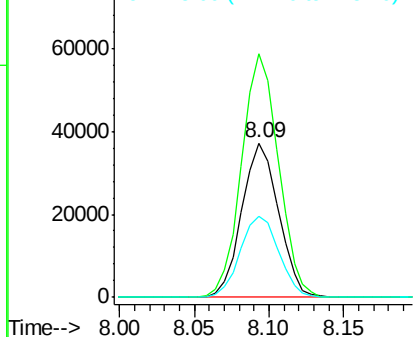
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

Instrument :
BNA_G
ClientSampleId :
CPS083081

Tgt Ion:152 Resp: 63503
Ion Ratio Lower Upper
152 100
150 157.5 126.0 189.0
115 52.2 45.5 68.3



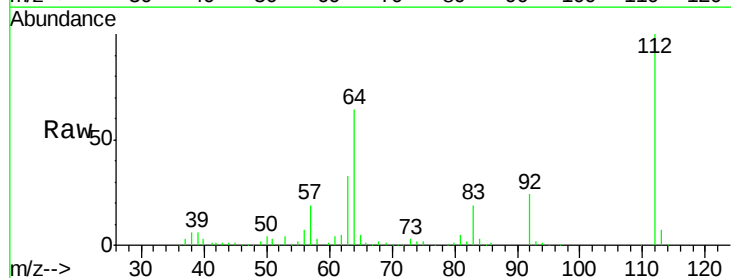
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



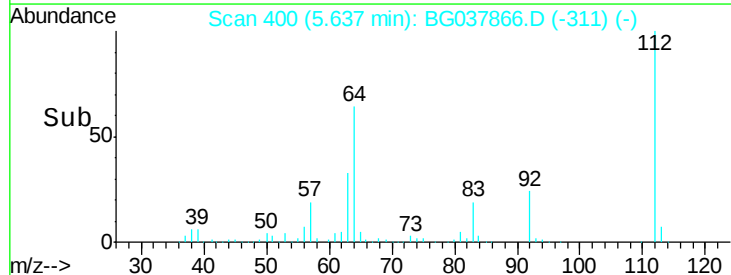
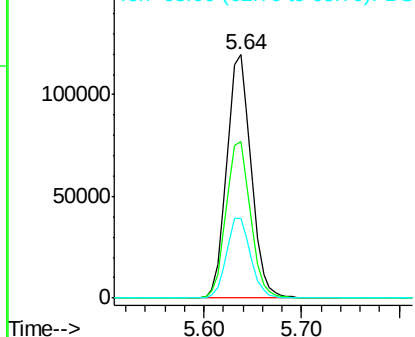
#5

2-Fluorophenol
Concen: 54.596 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

Tgt Ion:112 Resp: 207375
Ion Ratio Lower Upper
112 100
64 64.3 53.1 79.7
63 32.5 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: 33.710 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

Instrument :

BNA_G

ClientSampled :

CPS083081

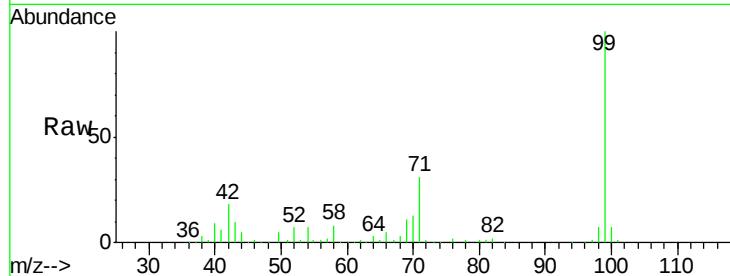
Tgt Ion: 99 Resp: 193616

Ion Ratio Lower Upper

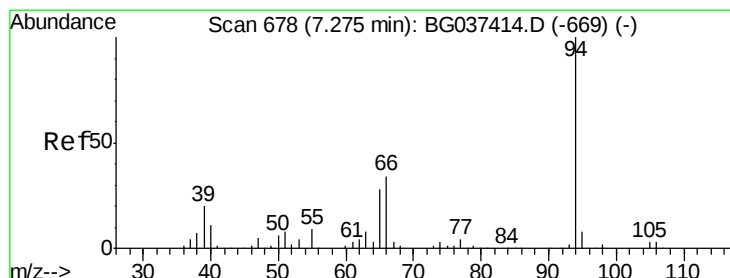
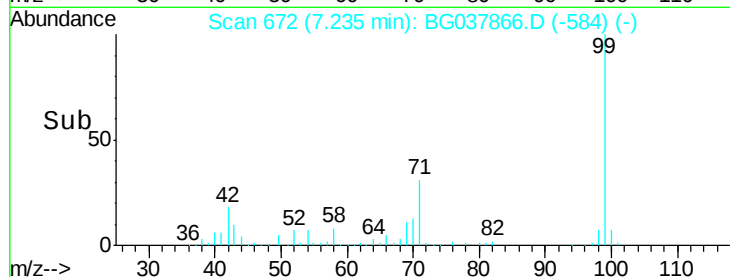
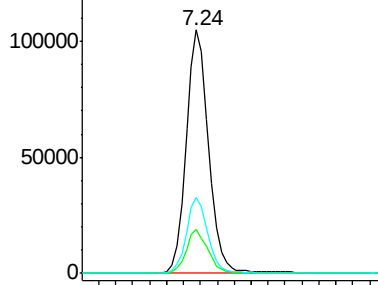
99 100

42 17.9 15.0 22.4

71 31.2 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



#10

Phenol

Concen: 2.264 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

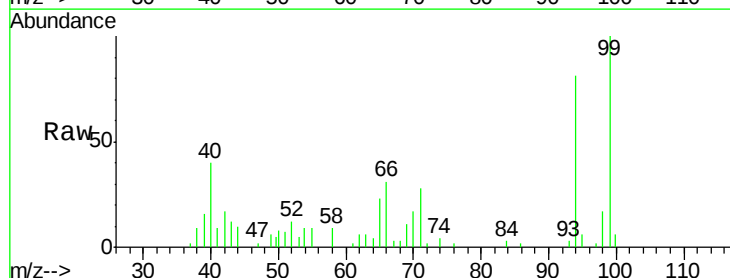
Tgt Ion: 94 Resp: 13720

Ion Ratio Lower Upper

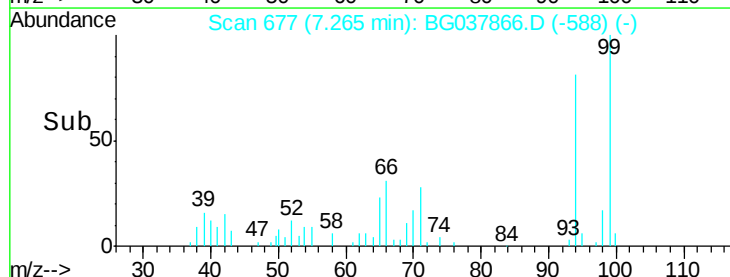
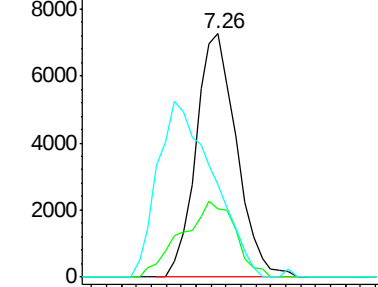
94 100

65 28.3 9.7 49.7

66 38.2 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

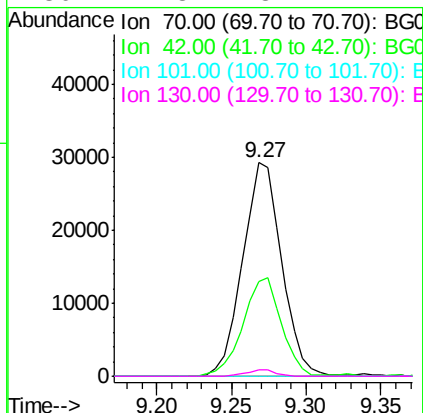
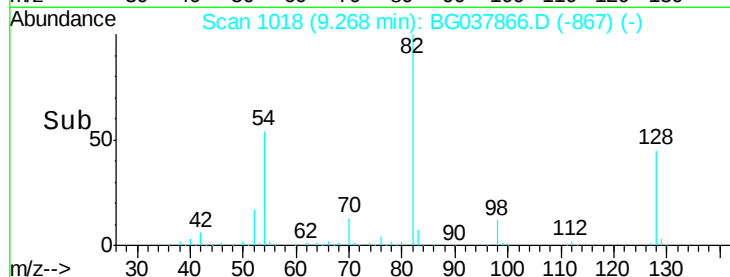
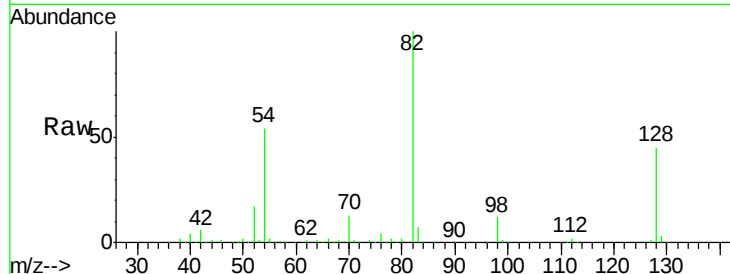




#19
n-Nitroso-di-n-propylamine
Concen: 13.315 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.35 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

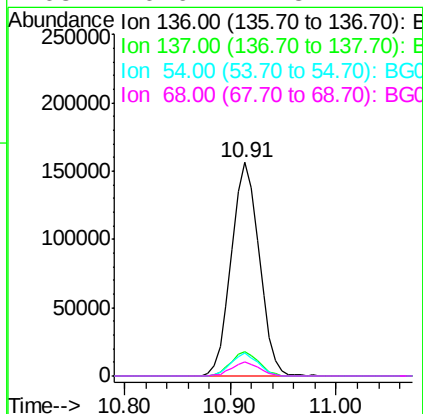
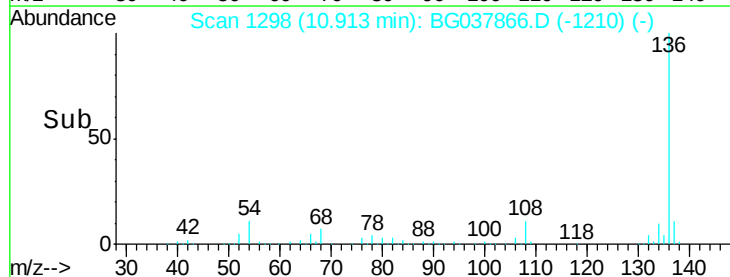
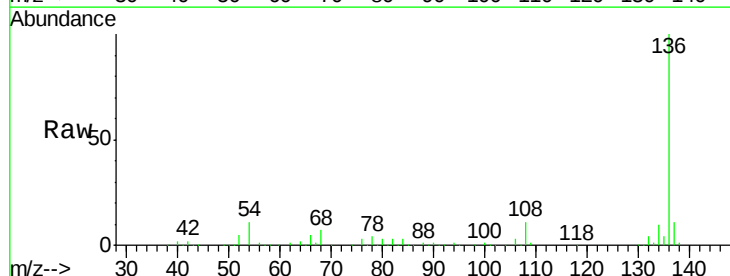
Instrument :
BNA_G
ClientSampleId :
CPS083081

Tgt Ion: 70 Resp: 52664
Ion Ratio Lower Upper
70 100
42 44.4 53.9 80.9#
101 0.0 8.2 12.2#
130 2.8 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

Tgt Ion: 136 Resp: 286477
Ion Ratio Lower Upper
136 100
137 11.4 9.6 14.4
54 10.6 7.9 11.9
68 6.6 4.8 7.2

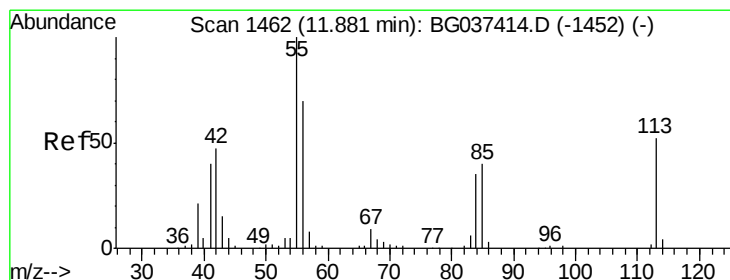
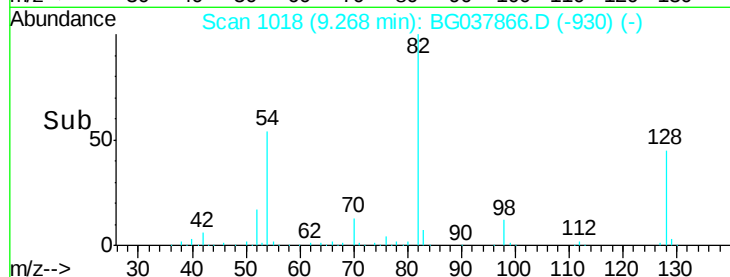
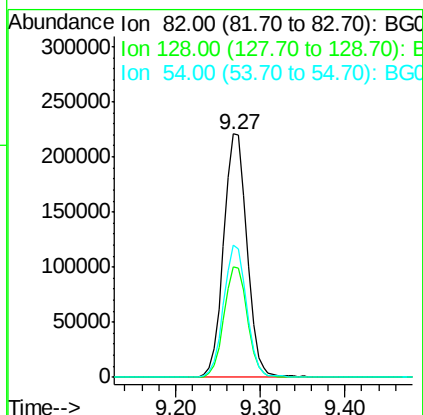
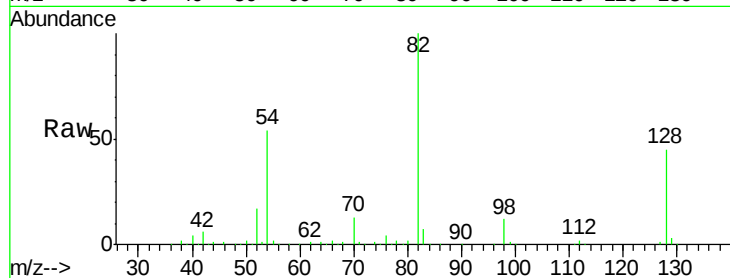




#23
Nitrobenzene-d5
Concen: 82.560 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

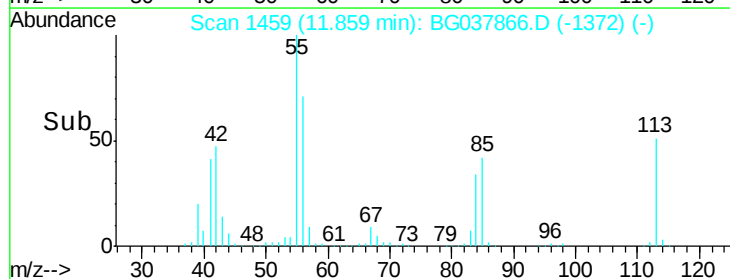
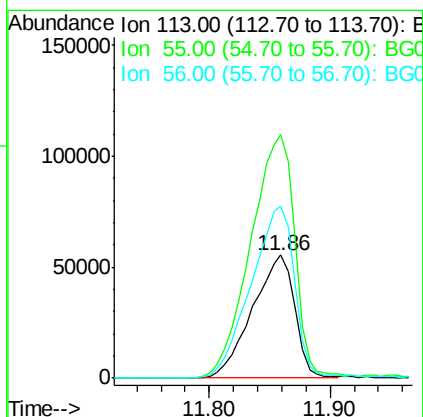
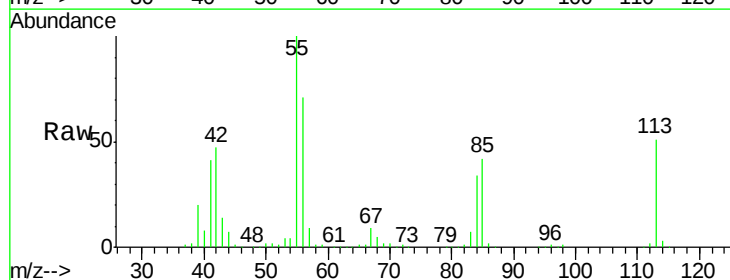
Instrument :
BNA_G
ClientSampleId :
CPS083081

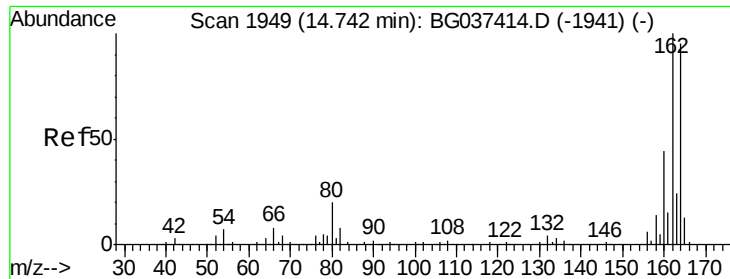
Tgt Ion: 82 Resp: 422208
Ion Ratio Lower Upper
82 100
128 45.1 34.6 51.8
54 54.4 45.3 67.9



#35
Caprolactam
Concen: 70.380 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

Tgt Ion: 113 Resp: 134297
Ion Ratio Lower Upper
113 100
55 197.6 176.6 216.6
56 140.0 128.3 168.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

Instrument :

BNA_G

ClientSampleId :

CPS083081

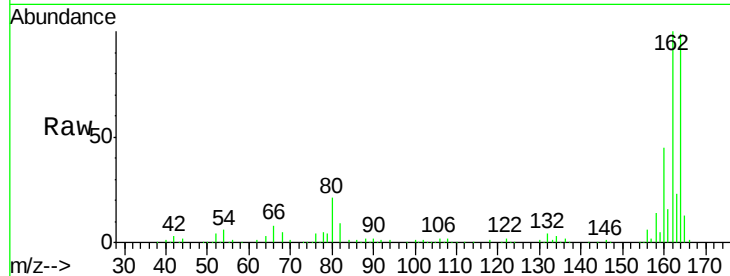
Tgt Ion:164 Resp: 185597

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

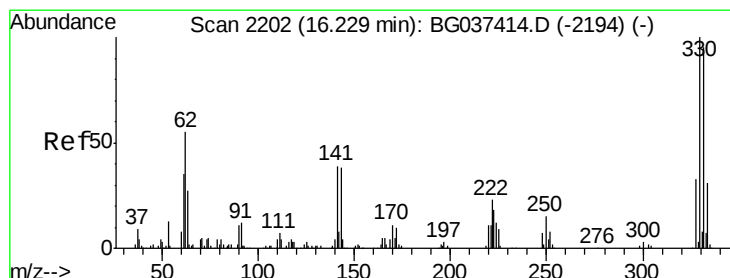
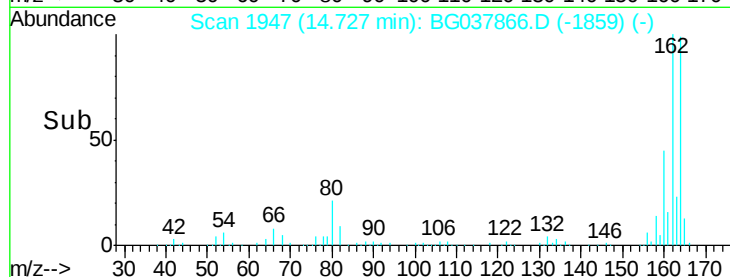
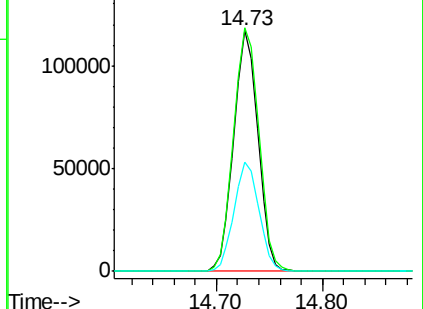
160 45.5 36.3 54.5



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: 116.434 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

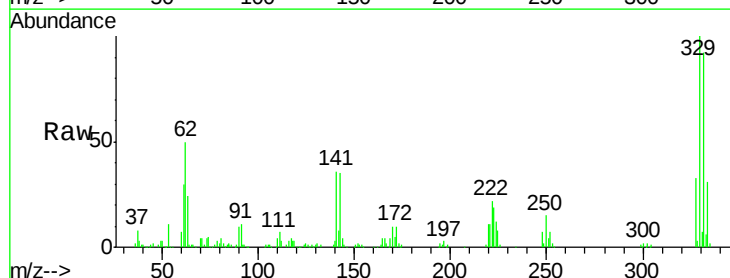
Tgt Ion:330 Resp: 235695

Ion Ratio Lower Upper

330 100

332 94.5 78.4 117.6

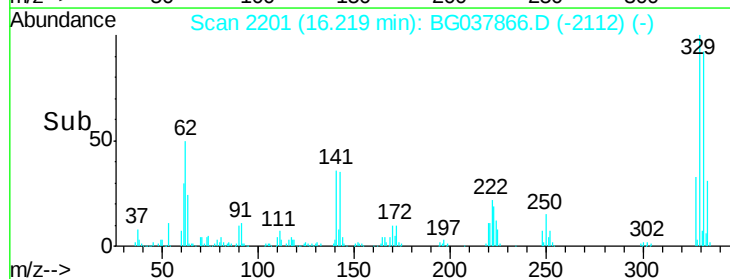
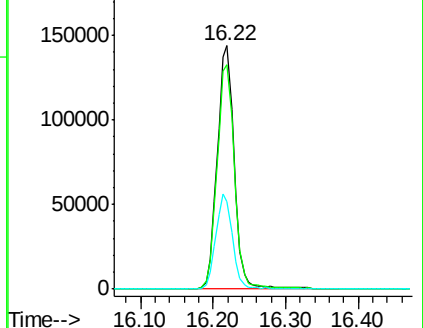
141 38.1 32.2 48.2

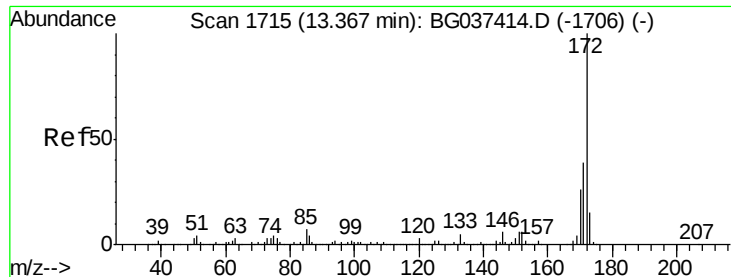


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

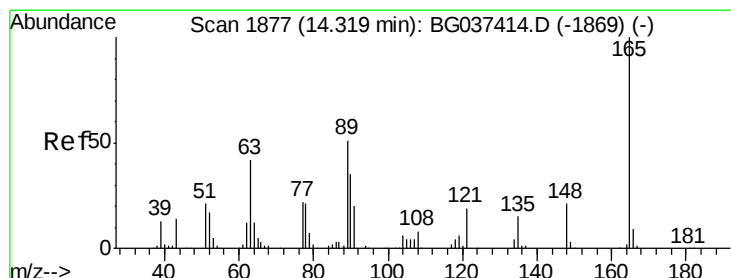
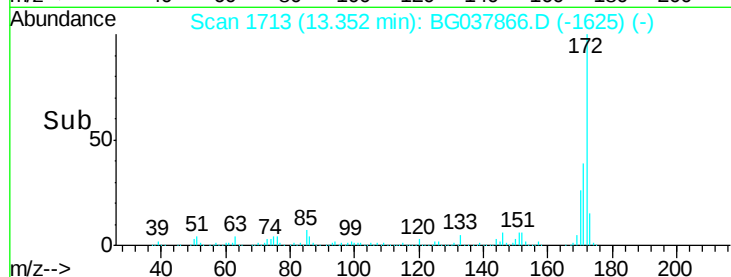
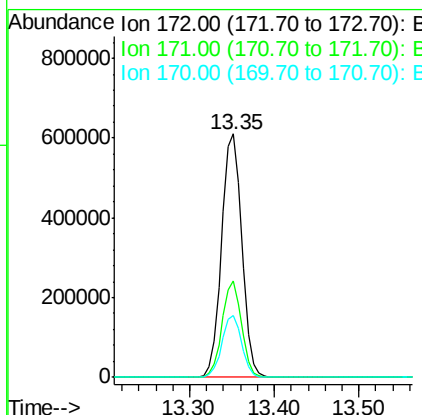
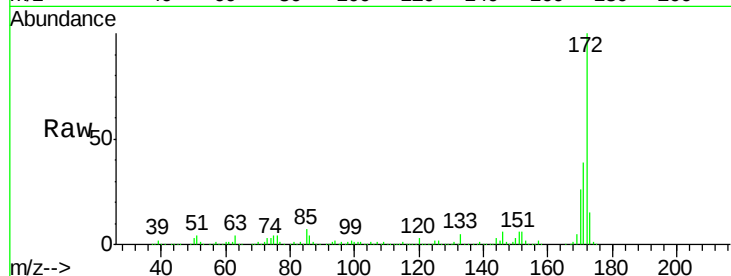




#45
 2-Fluorobiphenyl
 Concen: 82.715 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037866.D
 Acq: 7 Nov 2018 15:26

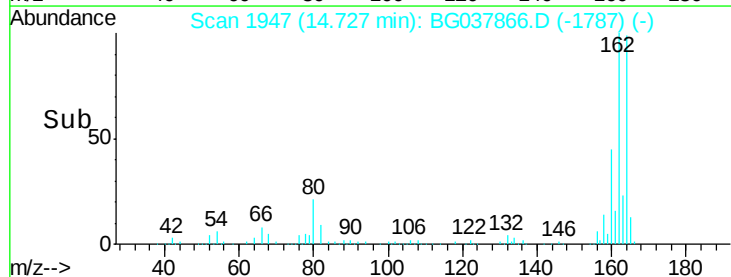
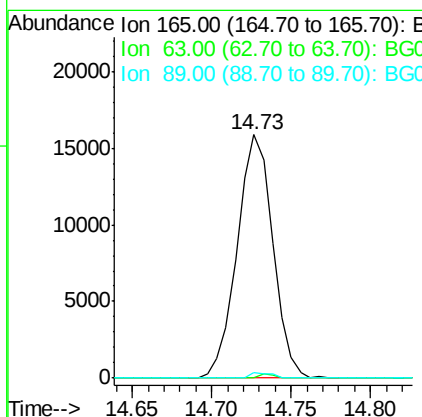
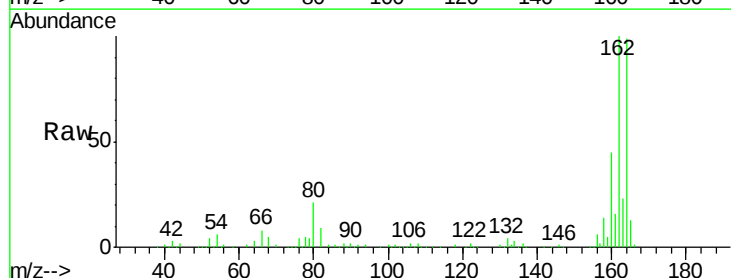
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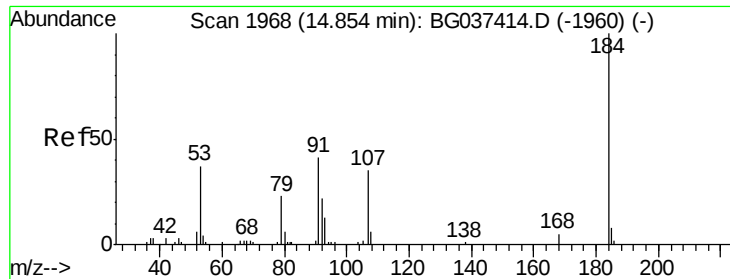
Tgt Ion:172 Resp: 1018058
 Ion Ratio Lower Upper
 172 100
 171 39.5 31.0 46.4
 170 25.6 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.804 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037866.D
 Acq: 7 Nov 2018 15:26

Tgt Ion:165 Resp: 24787
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 2.2 45.8 68.6#

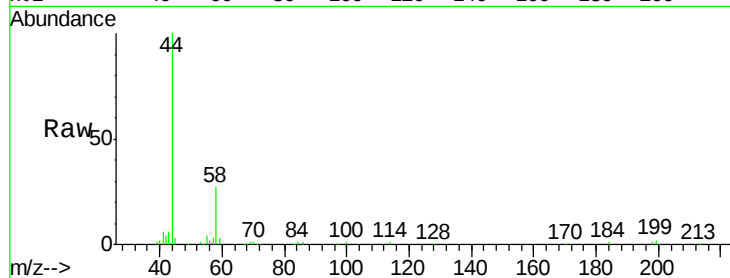




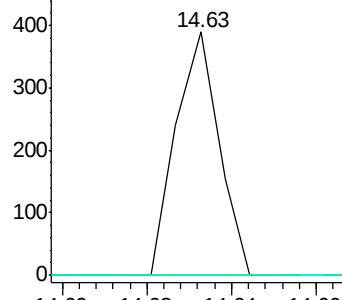
#54
2,4-Dinitrophenol
Concen: 6.490 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.22 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

Instrument :
BNA_G
ClientSampleId :
CPS083081

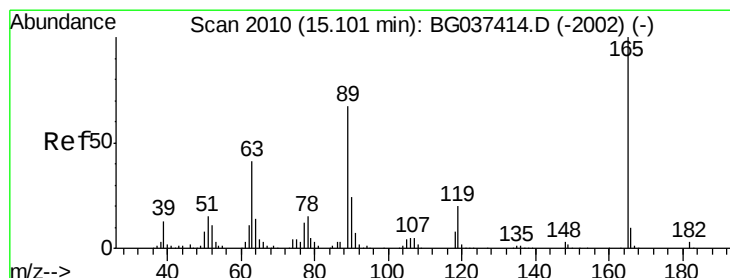
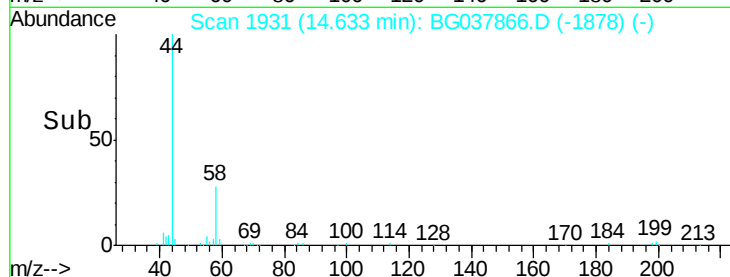
Tgt Ion:184 Resp: 277
Ion Ratio Lower Upper
184 100
63 0.0 42.6 63.8#
154 0.0 41.8 62.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

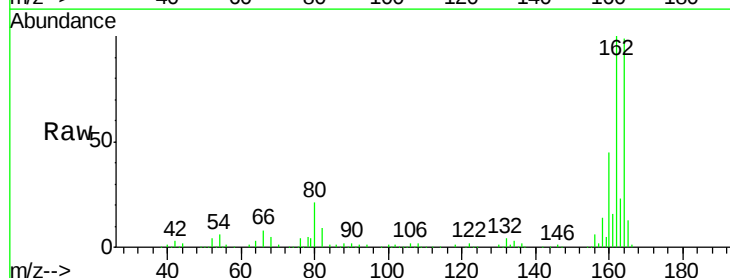


Time--> 14.60 14.62 14.64 14.66

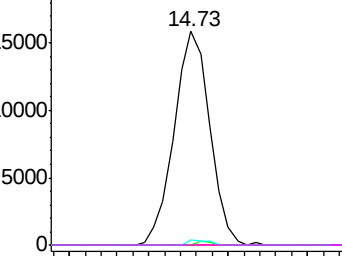


#57
2,4-Dinitrotoluene
Concen: 5.945 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

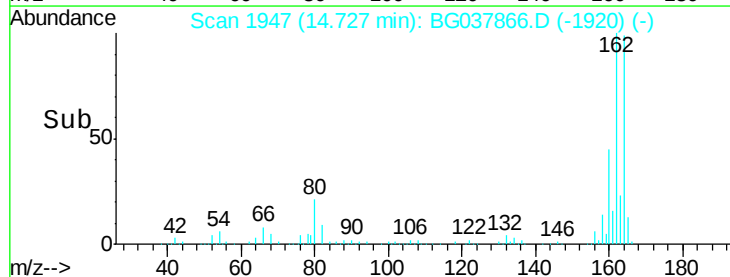
Tgt Ion:165 Resp: 24787
Ion Ratio Lower Upper
165 100
63 0.0 33.4 50.0#
89 2.2 57.2 85.8#
182 0.0 2.6 4.0#

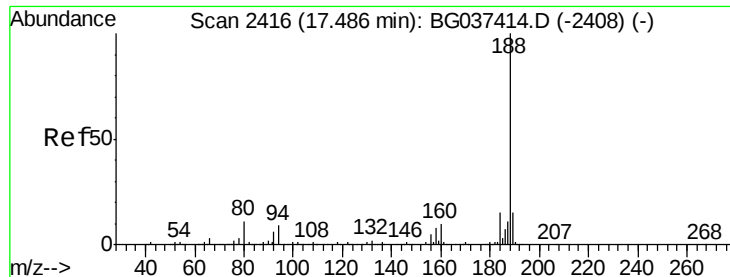


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E



Time--> 14.65 14.70 14.75 14.80





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

Instrument :

BNA_G

ClientSampleId :

CPS083081

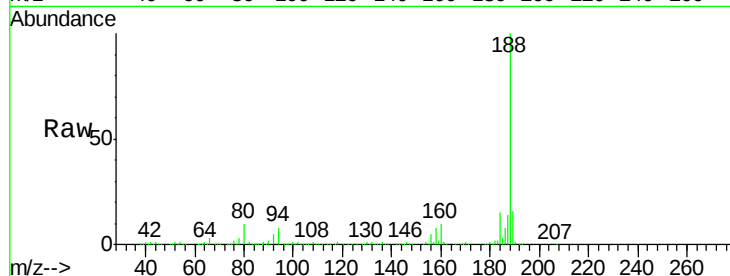
Tgt Ion:188 Resp: 408948

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

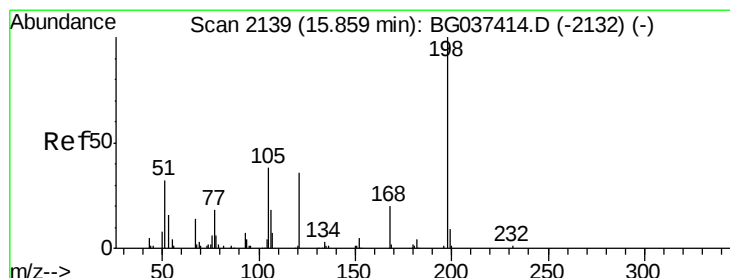
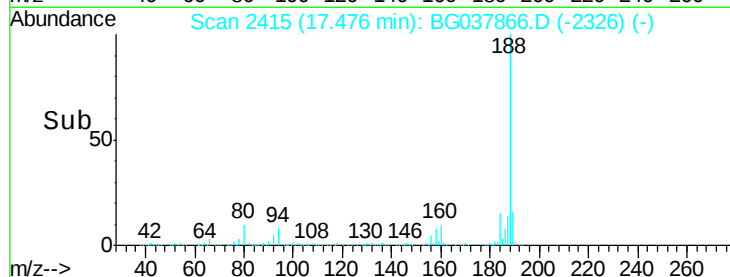
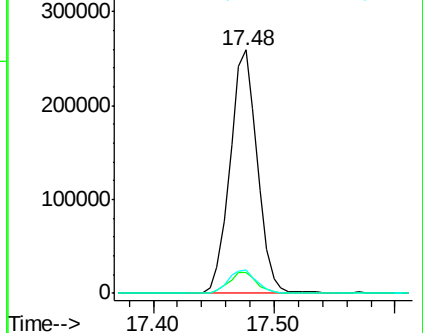
80 9.7 7.7 11.5



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: 8.609 ng

RT: 16.21 min Scan# 2199

Delta R.T. 0.35 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

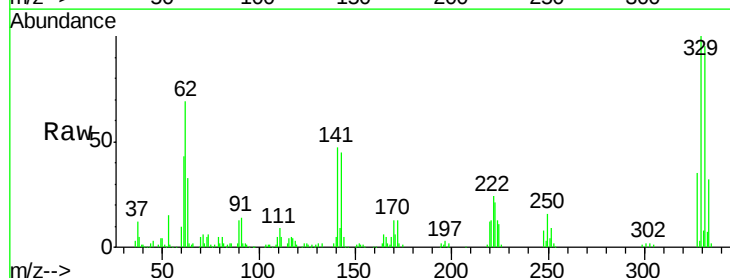
Tgt Ion:198 Resp: 266

Ion Ratio Lower Upper

198 100

51 23.6 22.7 62.7

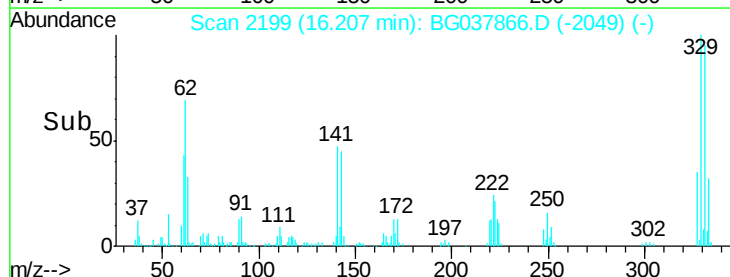
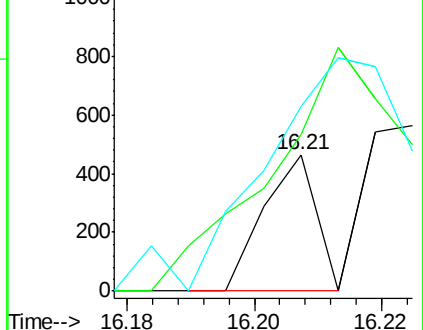
105 27.8 19.7 59.7

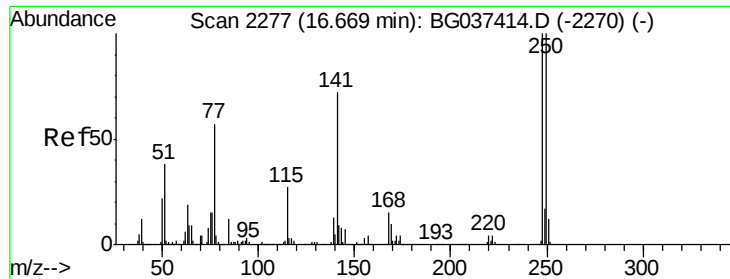


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

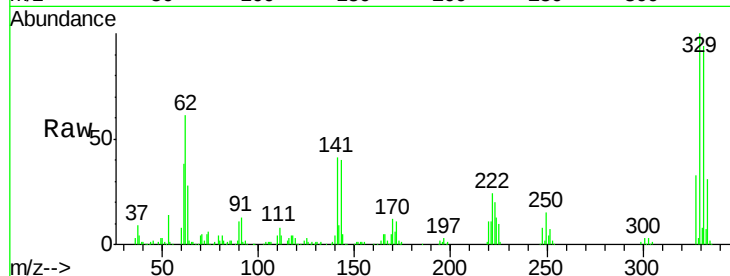




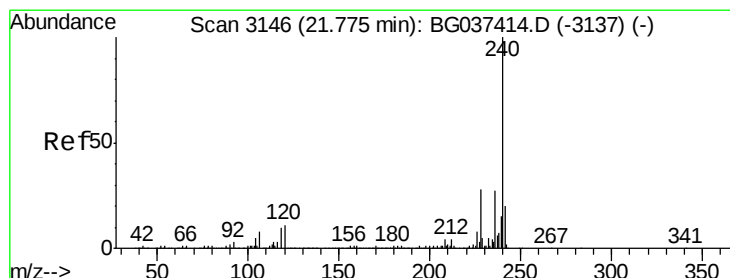
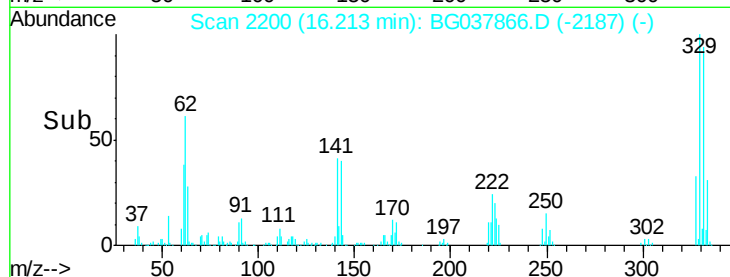
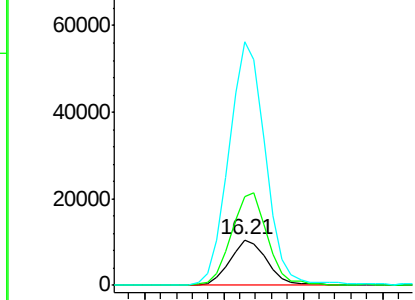
#67
4-Bromophenyl-phenylether
Concen: 3.769 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.46 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

Instrument :
BNA_G
ClientSampleId :
CPS083081

Tgt Ion:248 Resp: 16927
Ion Ratio Lower Upper
248 100
250 190.9 77.0 115.6#
141 406.2 55.5 83.3#

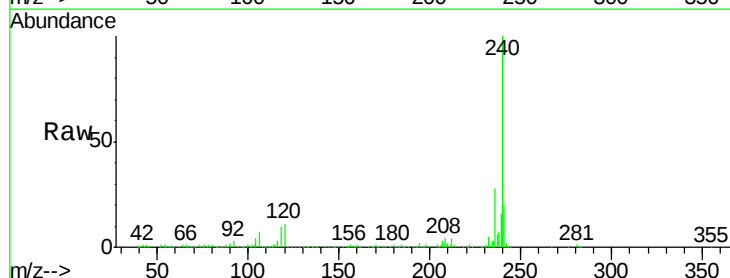


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

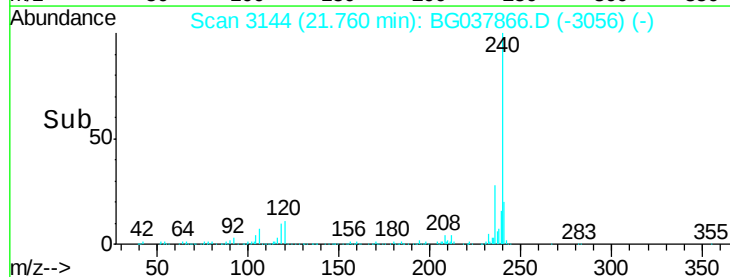
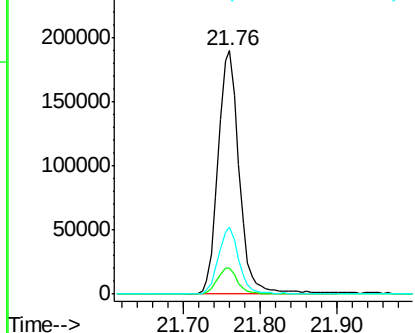


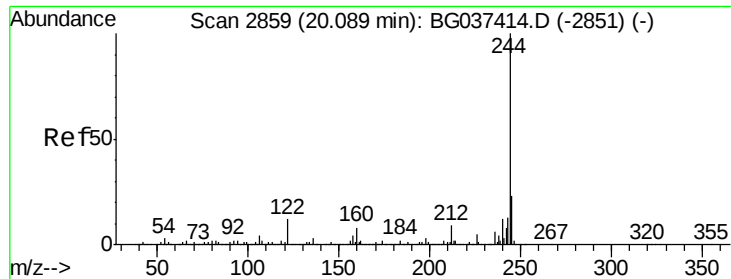
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

Tgt Ion:240 Resp: 362415
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.6 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: 80.651 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

Instrument :

BNA_G

ClientSampleId :

CPS083081

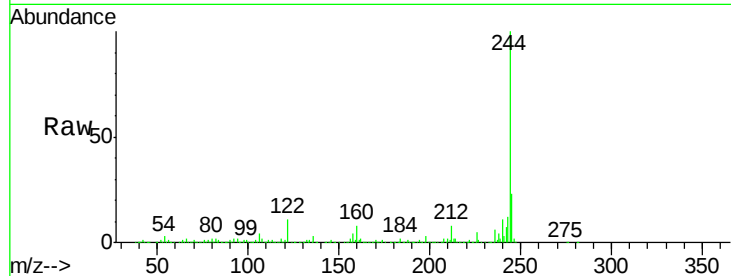
Tgt Ion:244 Resp: 1367914

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

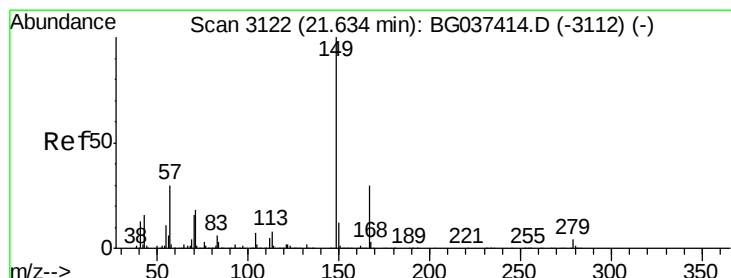
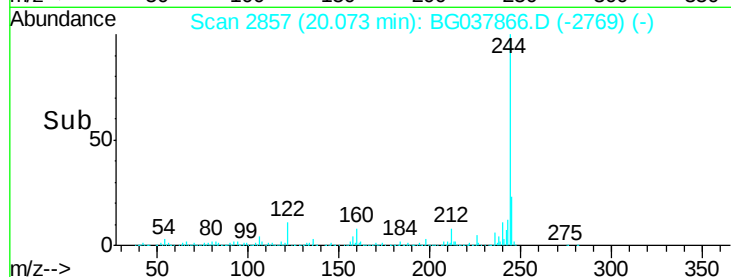
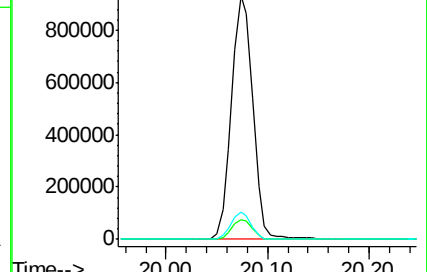
122 11.1 9.0 13.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.320 ng

RT: 21.61 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BG037866.D

Acq: 7 Nov 2018 15:26

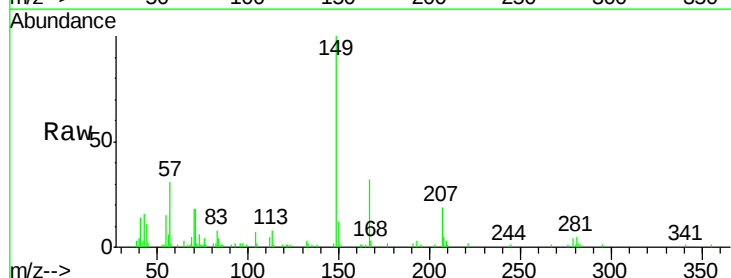
Tgt Ion:149 Resp: 31533

Ion Ratio Lower Upper

149 100

167 31.9 23.0 34.4

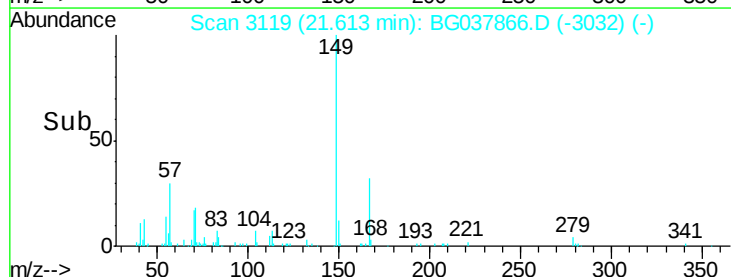
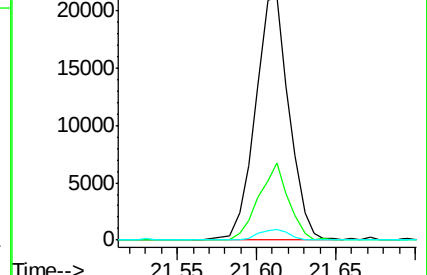
279 4.2 3.6 5.4

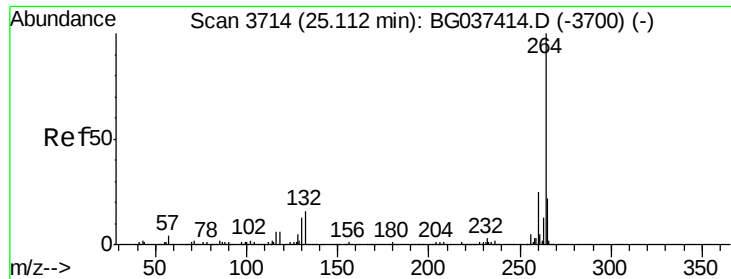


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037866.D
Acq: 7 Nov 2018 15:26

Instrument :
BNA_G
ClientSampleId :
CPS083081

Tgt Ion: 264 Resp: 347592

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.7	17.9	26.9

