

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037768.D
 Acq On : 2 Nov 2018 23:55
 Operator : JU/SJ
 Sample : J5780-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS133081

Quant Time: Nov 03 02:31:17 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

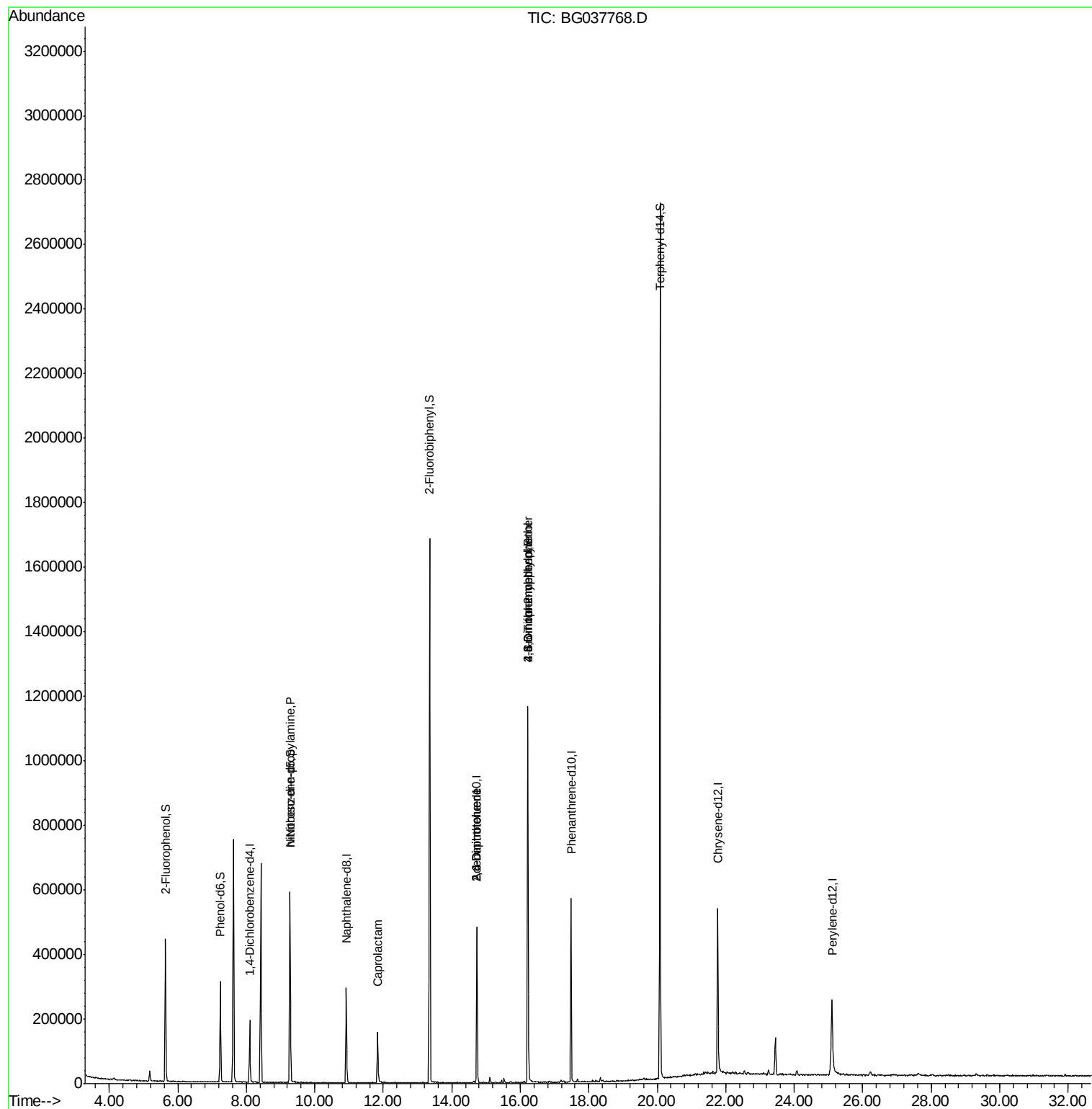
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56998	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	262757	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	172044	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	375323	20.00	ng	0.00
76) Chrysene-d12	21.77	240	339175	20.00	ng	0.00
87) Perylene-d12	25.10	264	315029	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	210587	61.77	ng	0.00
7) Phenol-d6	7.24	99	202934	39.36	ng	0.00
23) Nitrobenzene-d5	9.28	82	382349	81.52	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	226105	120.50	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	950880	83.34	ng	-0.01
79) Terphenyl-d14	20.08	244	1302932	82.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	47667	13.427	ng	# 70
35) Caprolactam	11.84	113	31545	18.024	ng	# 94
51) 2,6-Dinitrotoluene	14.73	165	22523	7.650	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	22523	5.827	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	600	8.758	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	16984	4.121	ng	# 1

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

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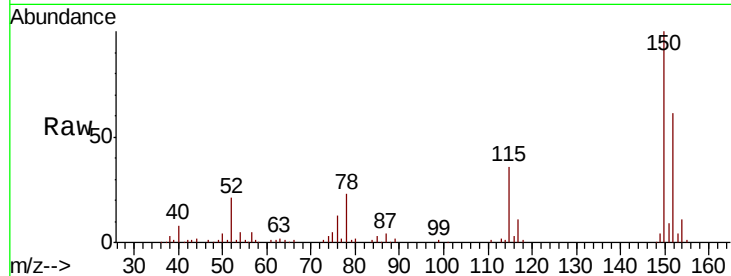


#1

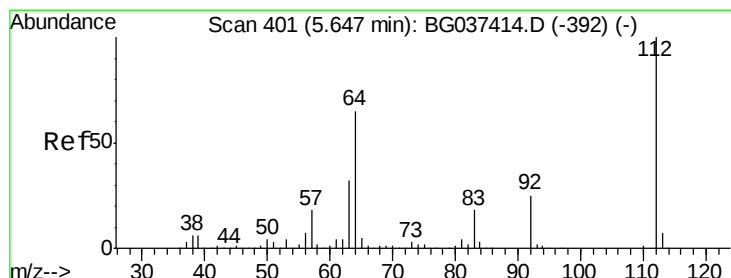
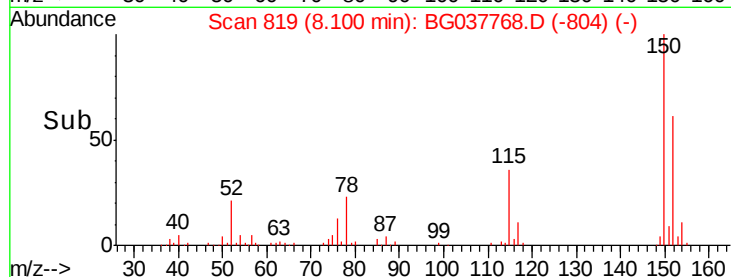
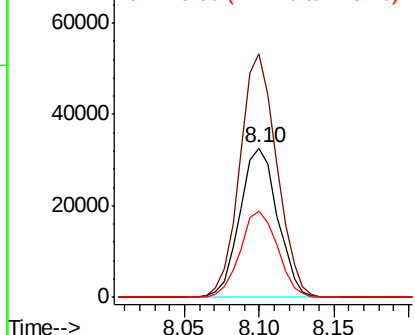
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037768.D
Acq: 2 Nov 2018 23:55

Instrument :
BNA_G
ClientSampleId :
CPS133081

Tot Ion:152 Resp: 56998
Ion Ratio Lower Upper
152 100
150 163.1 126.0 189.0
115 58.1 45.5 68.3



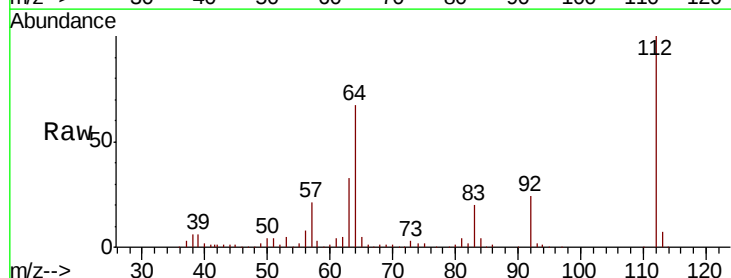
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



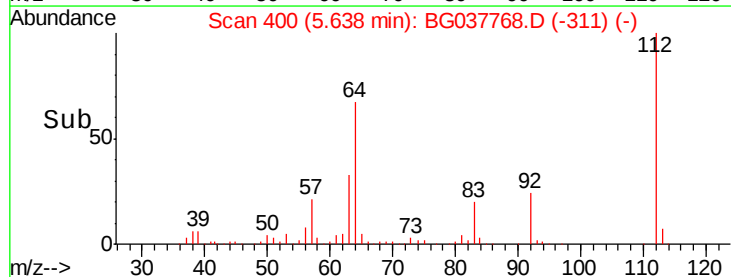
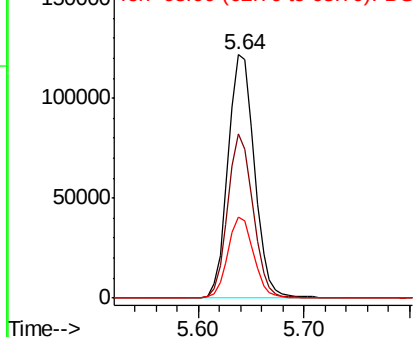
#5

2-Fluorophenol
Concen: 61.769 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037768.D
Acq: 2 Nov 2018 23:55

Tgt Ion:112 Resp: 210587
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 33.2 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: 39.365 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

Instrument :

BNA_G

ClientSampleId :

CPS133081

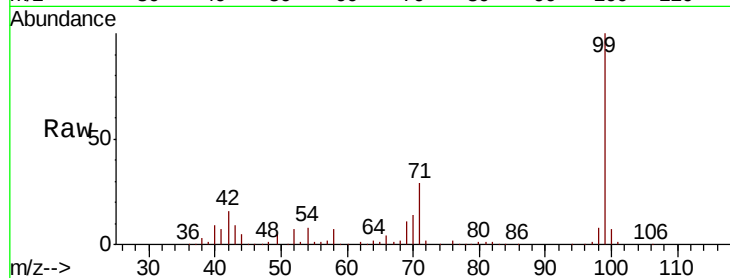
Tot Ion: 99 Resp: 202934

Ion Ratio Lower Upper

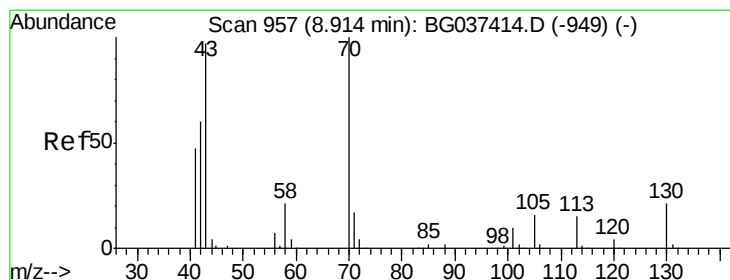
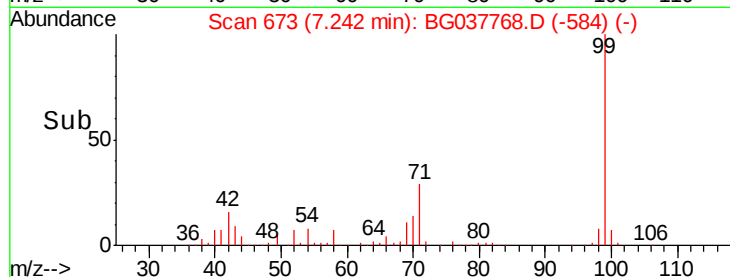
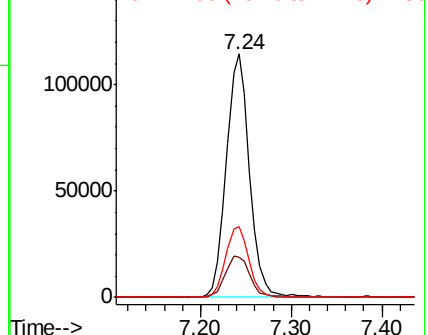
99 100

42 16.2 15.0 22.4

71 29.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.427 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

Tgt Ion: 70 Resp: 47667

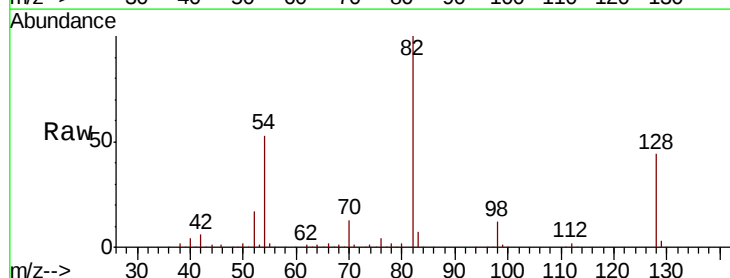
Ion Ratio Lower Upper

70 100

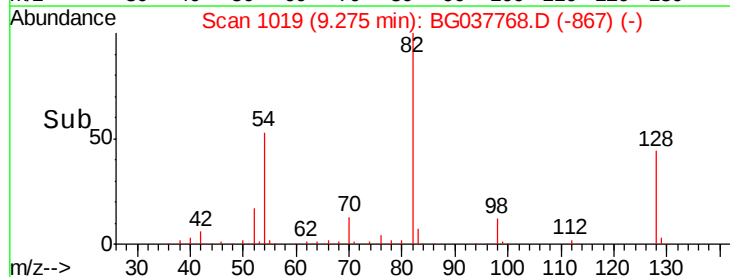
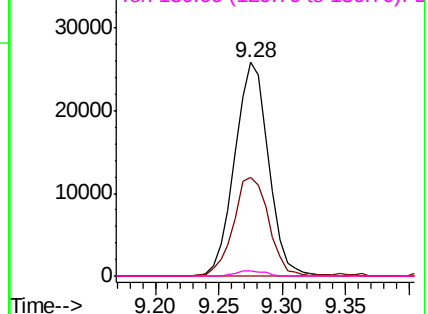
42 46.3 53.9 80.9#

101 0.0 8.2 12.2#

130 2.2 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

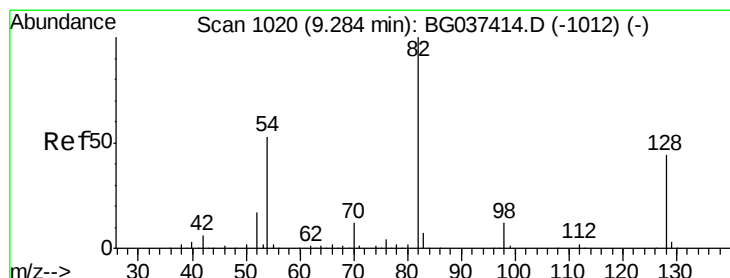
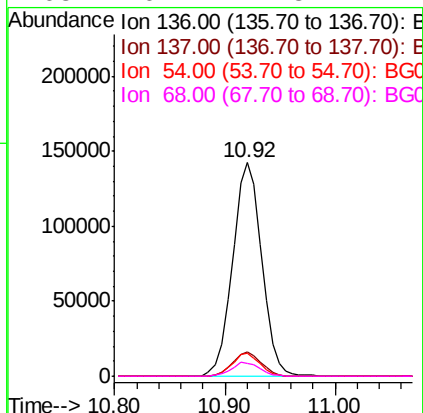
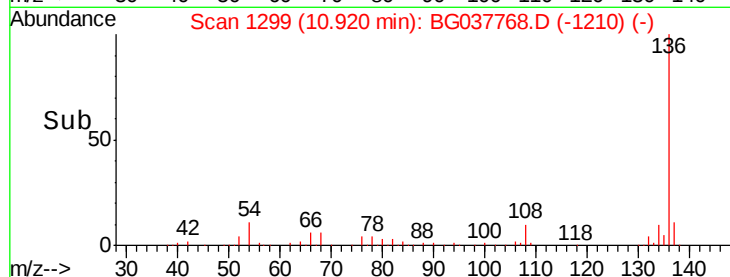
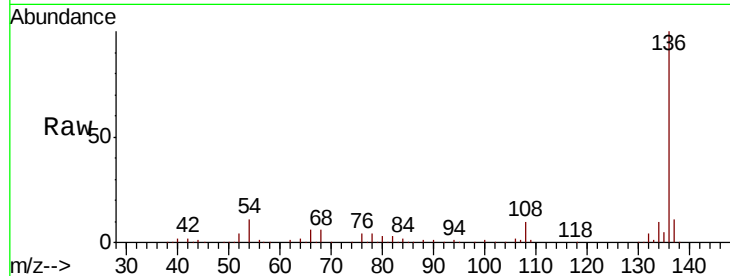




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037768.D
Acq: 2 Nov 2018 23:55

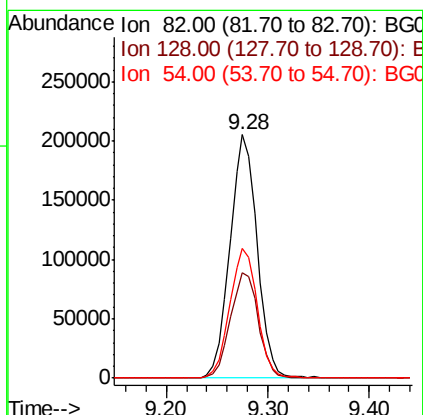
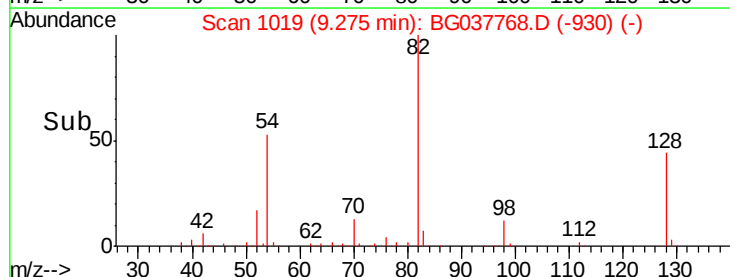
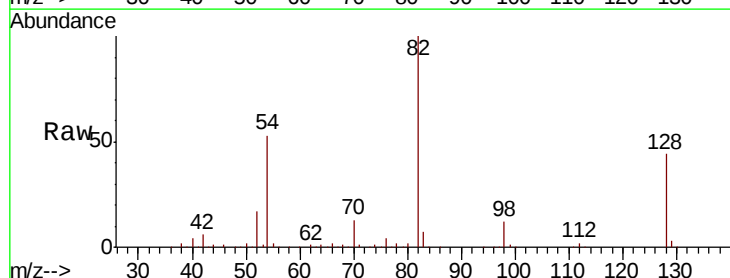
Instrument :
BNA_G
ClientSampleId :
CPS133081

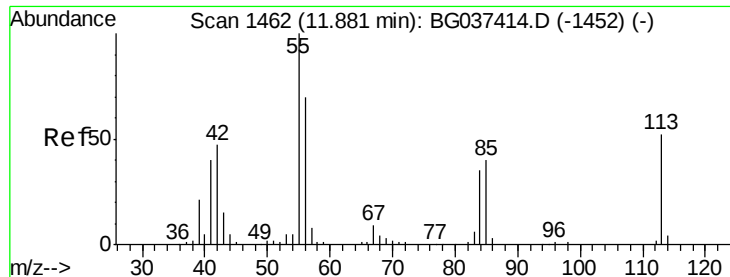
Tot Ion:136	Resp:	262757
Ion Ratio	Lower	Upper
136 100		
137 11.5	9.6	14.4
54 10.9	7.9	11.9
68 6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 81.516 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037768.D
Acq: 2 Nov 2018 23:55

Tgt	Ion: 82	Resp:	382349
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	53.1	45.3	67.9





#35

Caprolactam

Concen: 18.024 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.04 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

Instrument :

BNA_G

ClientSampleId :

CPS133081

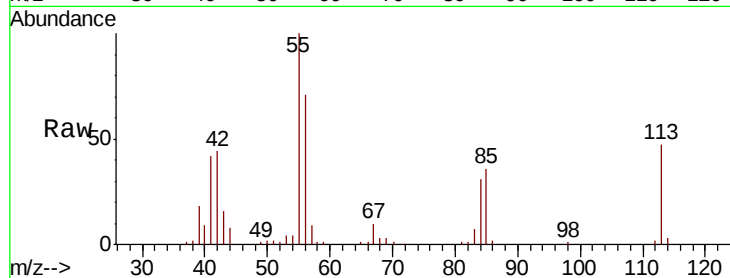
Tot Ion:113 Resp: 31545

Ion Ratio Lower Upper

113 100

55 211.1 176.6 216.6

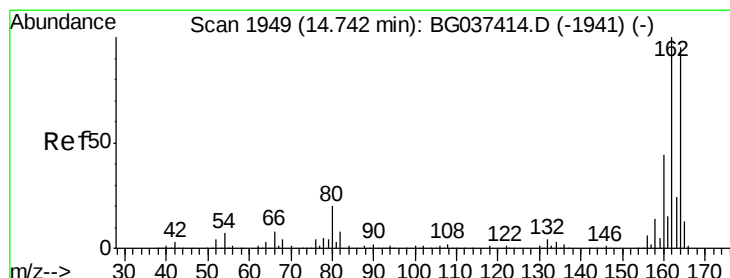
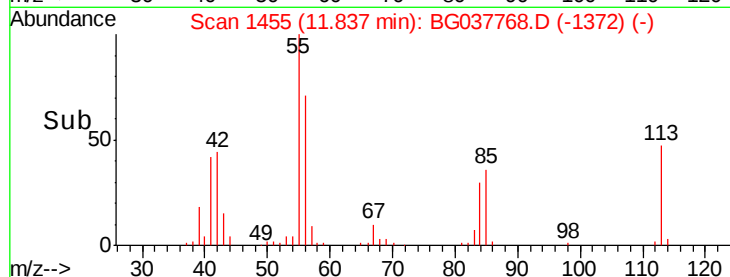
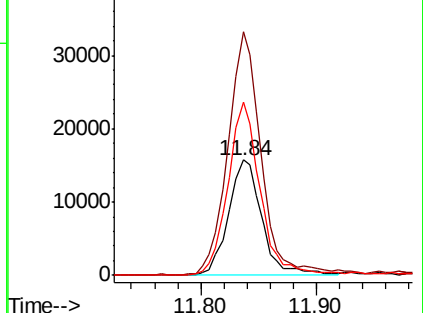
56 150.2 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

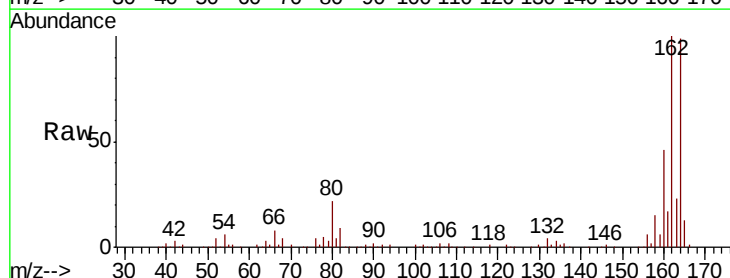
Tgt Ion:164 Resp: 172044

Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

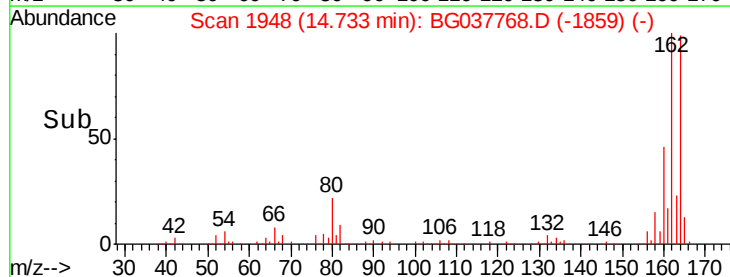
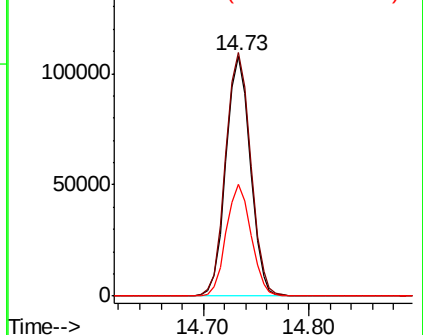
160 46.3 36.3 54.5



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

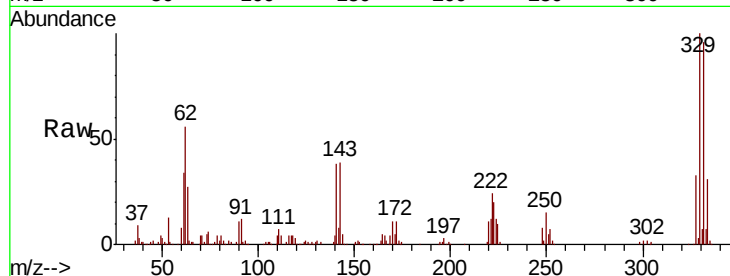




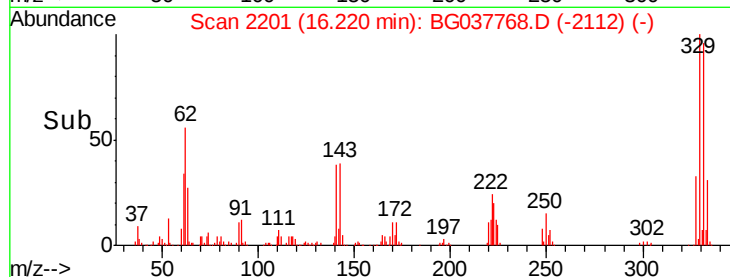
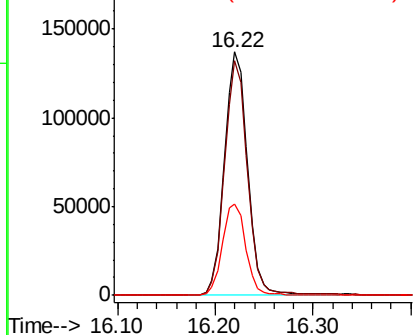
#42
 2,4,6-Tribromophenol
 Concen: 120.495 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037768.D
 Acq: 2 Nov 2018 23:55

Instrument :
 BNA_G
 ClientSampleId :
 CPS133081

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	38.2	32.2	48.2

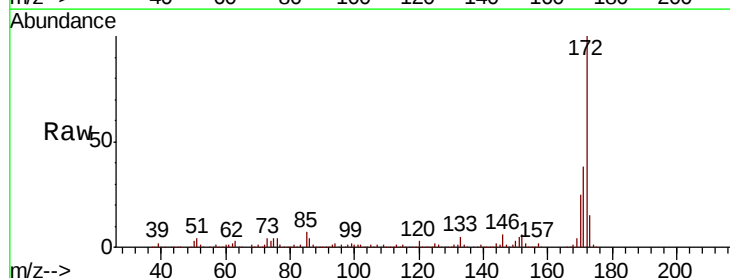


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

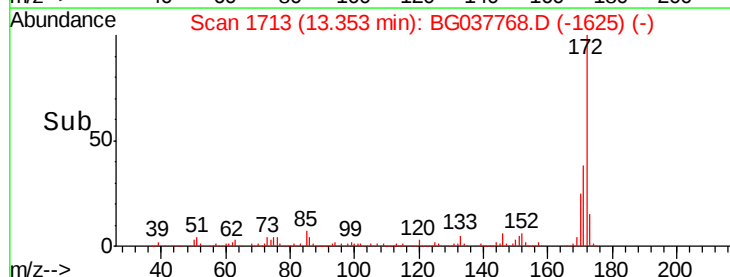
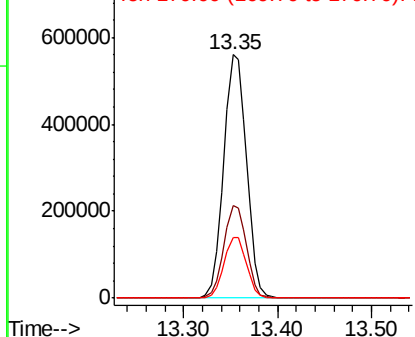


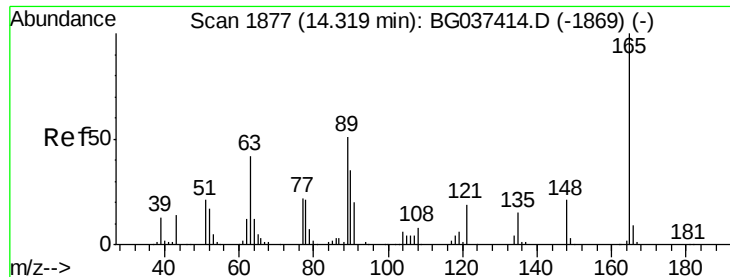
#45
 2-Fluorobiphenyl
 Concen: 83.343 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037768.D
 Acq: 2 Nov 2018 23:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.9	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: 7.650 ng

RT: 14.73 min Scan# 1948

Delta R.T. 0.41 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

Instrument :

BNA_G

ClientSampleId :

CPS133081

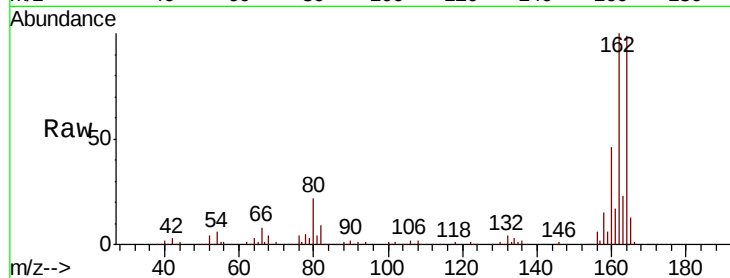
Tot Ion:165 Resp: 22523

Ion Ratio Lower Upper

165 100

63 1.3 43.4 65.2#

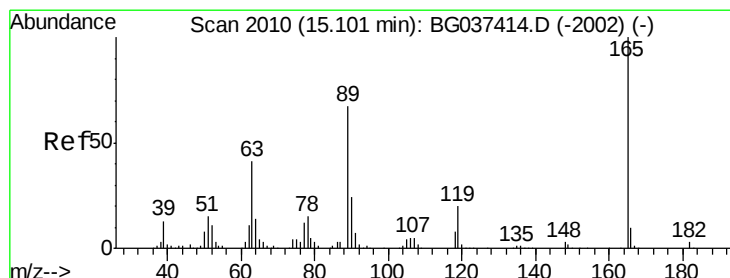
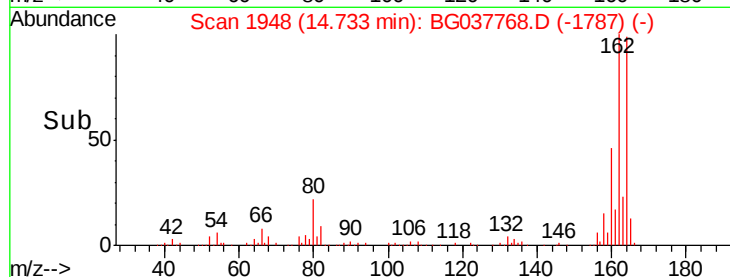
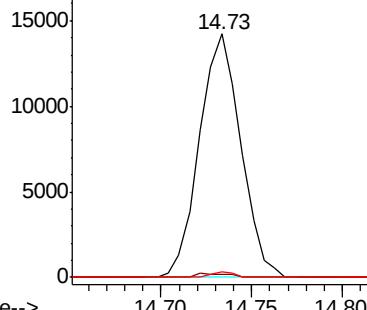
89 2.2 45.8 68.6#



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: 5.827 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

Tgt Ion:165 Resp: 22523

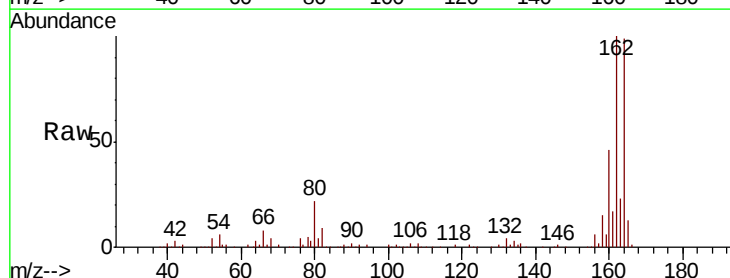
Ion Ratio Lower Upper

165 100

63 1.3 33.4 50.0#

89 2.2 57.2 85.8#

182 0.0 2.6 4.0#

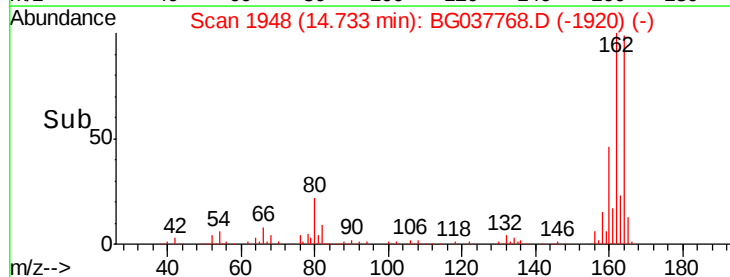
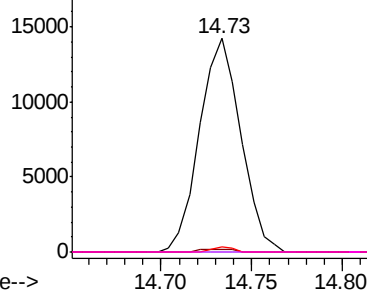


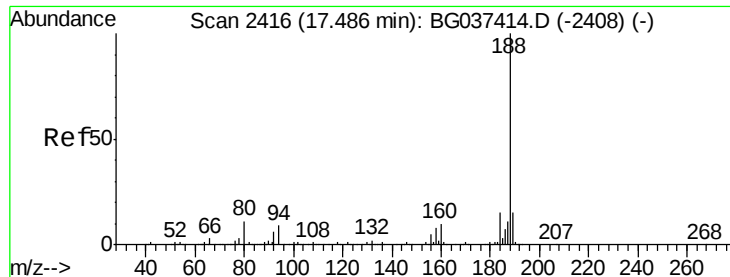
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

Instrument :

BNA_G

ClientSampleId :

CPS133081

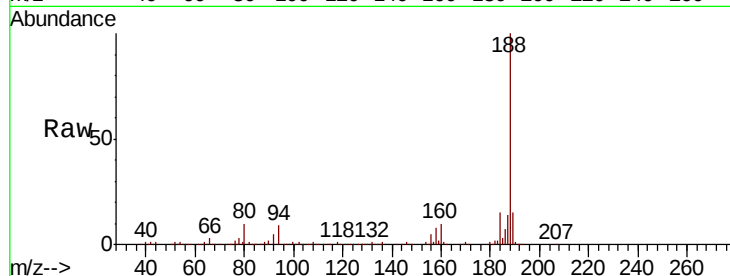
Tot Ion:188 Resp: 375323

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

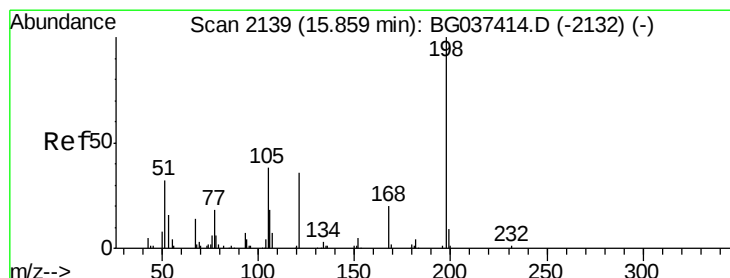
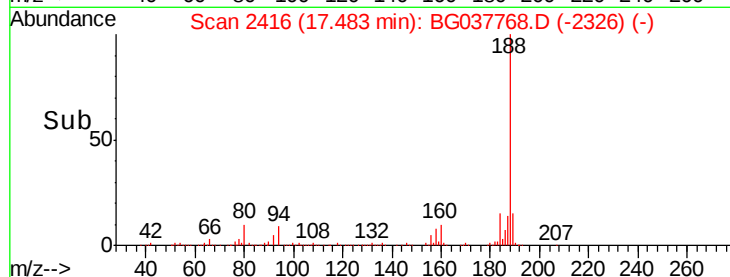
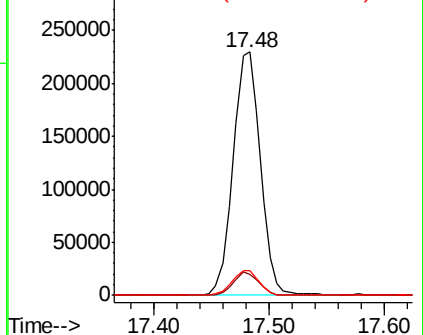
80 10.1 7.7 11.5



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: 8.758 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

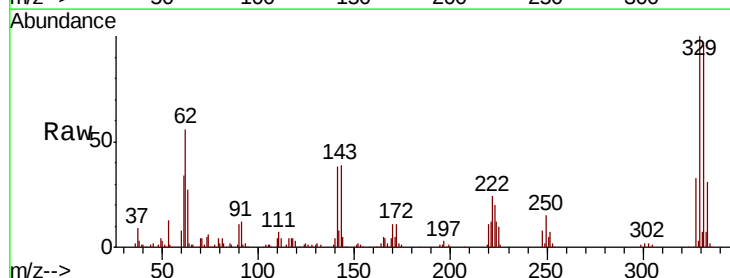
Tgt Ion:198 Resp: 600

Ion Ratio Lower Upper

198 100

51 198.4 22.7 62.7#

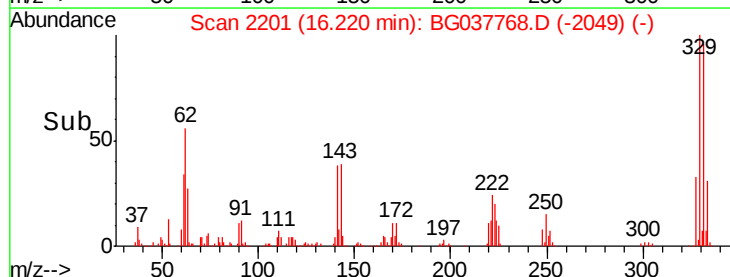
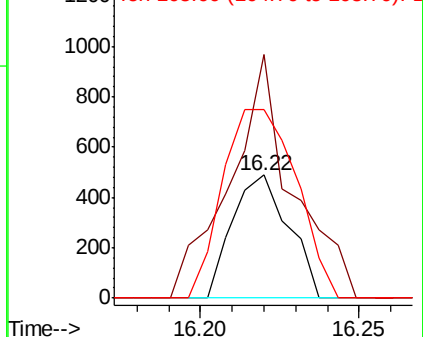
105 153.7 19.7 59.7#

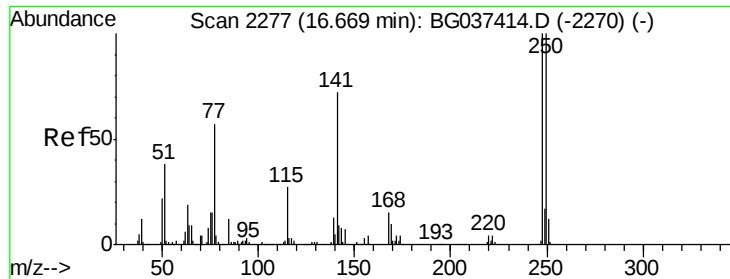


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

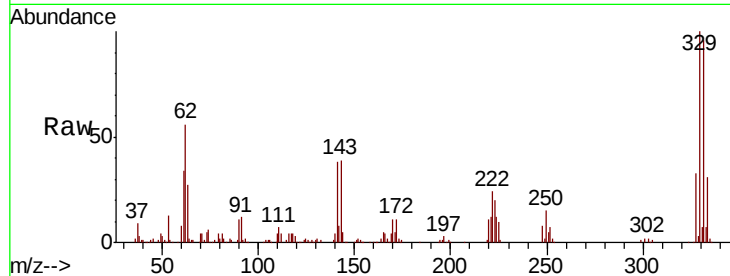




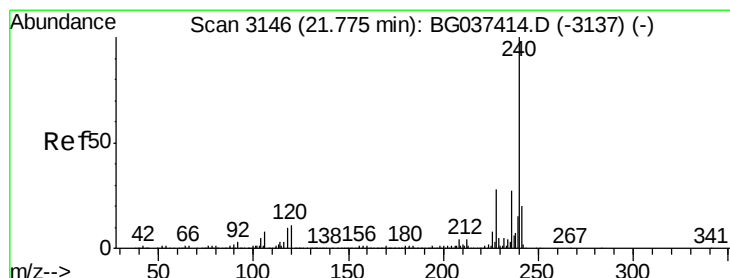
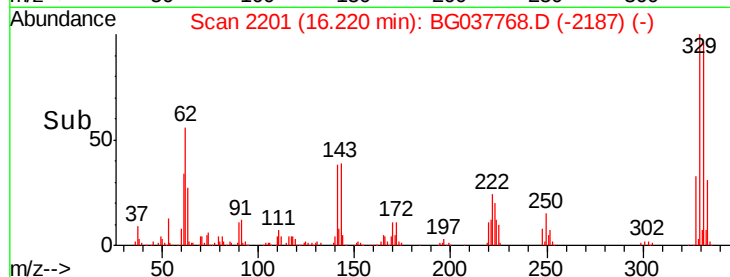
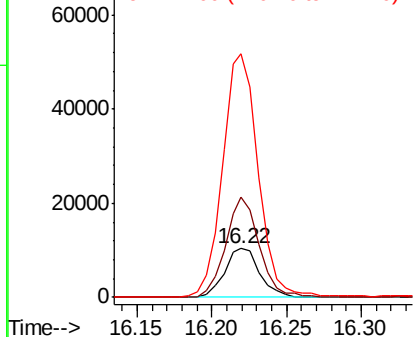
#67
 4-Bromophenyl-phenylether
 Concen: 4.121 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037768.D
 Acq: 2 Nov 2018 23:55

Instrument :
 BNA_G
 ClientSampleId :
 CPS133081

Tot Ion:248 Resp: 16984
 Ion Ratio Lower Upper
 248 100
 250 203.3 77.0 115.6#
 141 383.3 55.5 83.3#

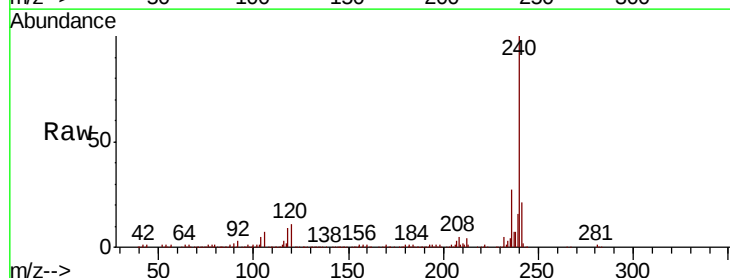


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

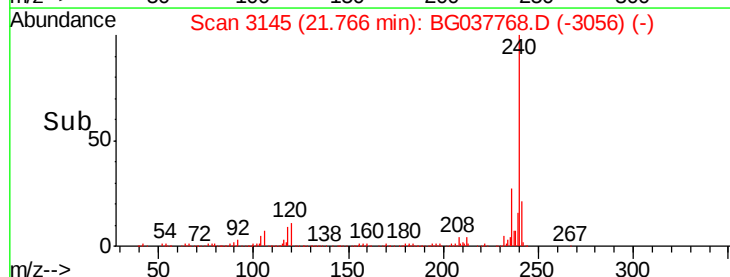
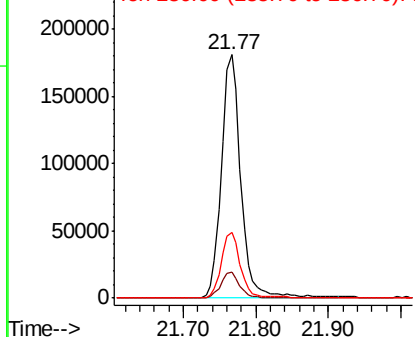


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037768.D
 Acq: 2 Nov 2018 23:55

Tgt Ion:240 Resp: 339175
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.1 12.1
 236 26.7 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: 82.083 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

Instrument :

BNA_G

ClientSampleId :

CPS133081

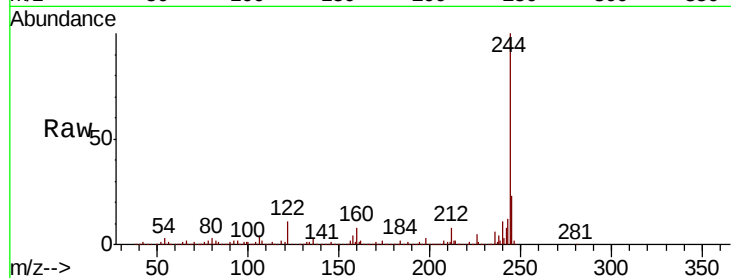
Tot Ion:244 Resp: 1302932

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

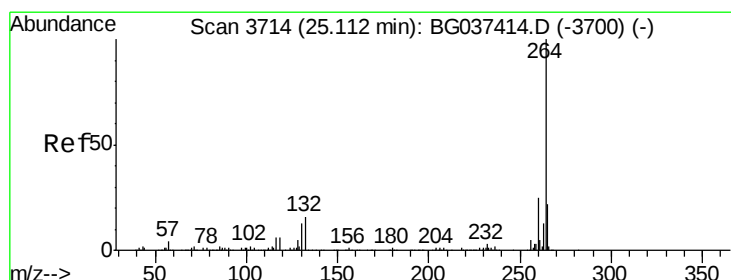
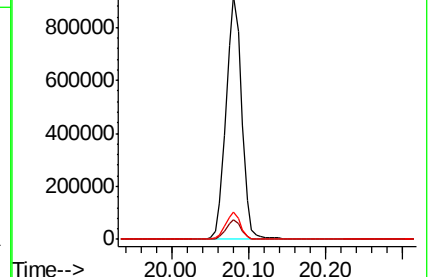
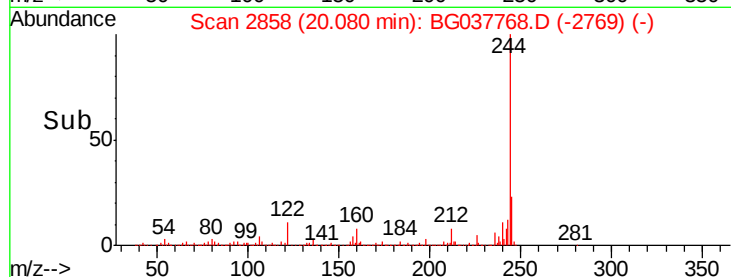
122 11.2 9.0 13.4



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. -0.01 min

Lab File: BG037768.D

Acq: 2 Nov 2018 23:55

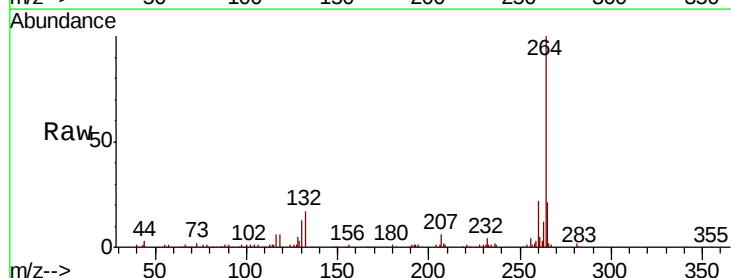
Tgt Ion:264 Resp: 315029

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 21.1 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

