

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
 Data File : BG037663.D
 Acq On : 30 Oct 2018 21:13
 Operator : JU/SJ
 Sample : PB114303BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114303BL

Quant Time: Oct 31 08:02:41 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

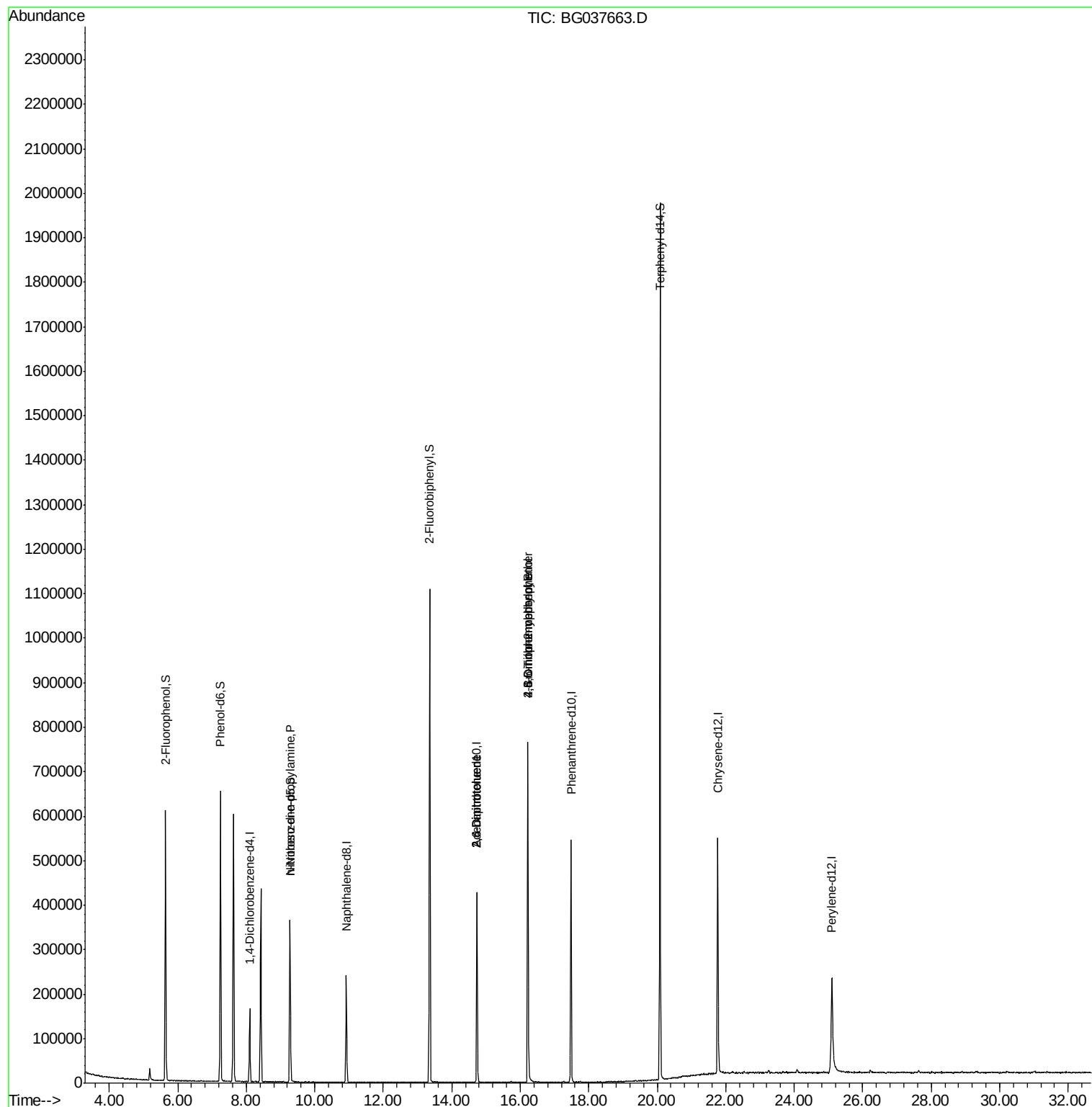
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	48192	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	214923	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	149534	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	365974	20.00	ng	0.00
76) Chrysene-d12	21.77	240	335331	20.00	ng	0.00
87) Perylene-d12	25.10	264	298163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	287790	99.84	ng	0.00
7) Phenol-d6	7.24	99	421691	96.75	ng	0.00
23) Nitrobenzene-d5	9.27	82	236999	61.77	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	149002	91.36	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	618296	62.35	ng	-0.02
79) Terphenyl-d14	20.08	244	977522	62.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	28878	9.621	ng	# 76
51) 2,6-Dinitrotoluene	14.73	165	20070	7.843	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	20070	5.974	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	512	8.727	ng	85
67) 4-Bromophenyl-phenylether	16.22	248	10246	2.549	ng	# 1

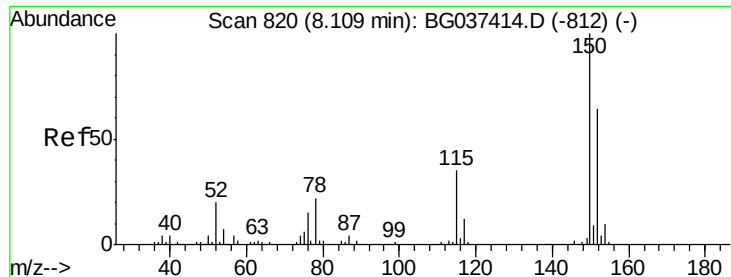
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 18 14:06:42 2018
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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: BG037663.D

Acq: 30 Oct 2018 21:13

Instrument :

BNA_G

ClientSampleId :

PB114303BL

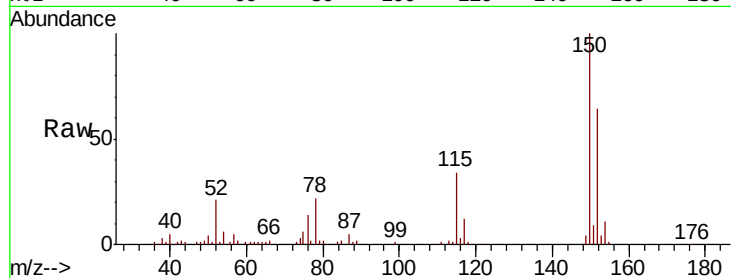
Tgt Ion:152 Resp: 48192

Ion Ratio Lower Upper

152 100

150 157.5 126.0 189.0

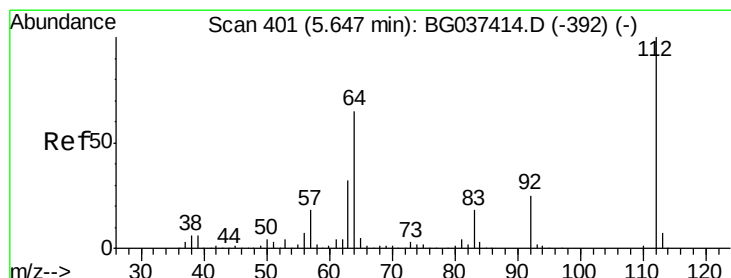
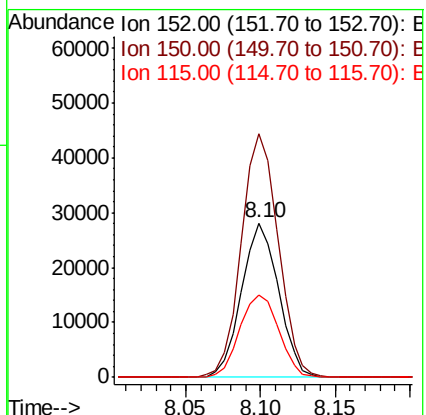
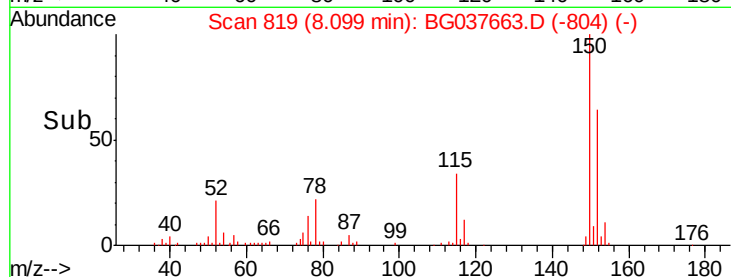
115 53.0 45.5 68.3



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: 99.839 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037663.D

Acq: 30 Oct 2018 21:13

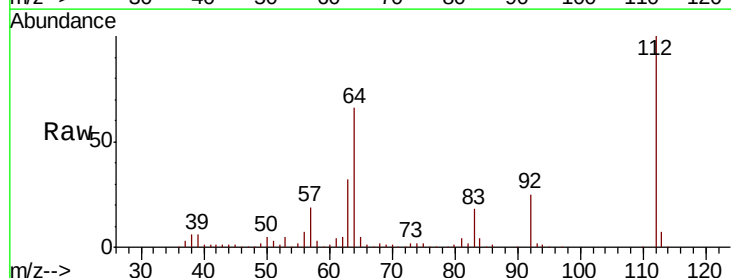
Tgt Ion:112 Resp: 287790

Ion Ratio Lower Upper

112 100

64 66.2 53.1 79.7

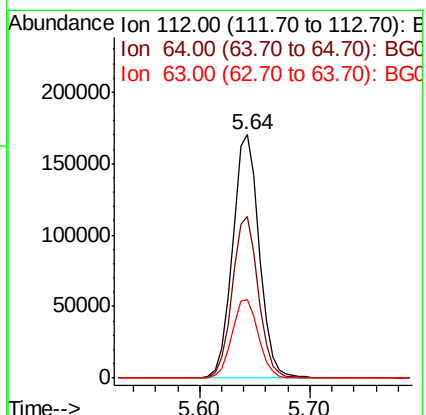
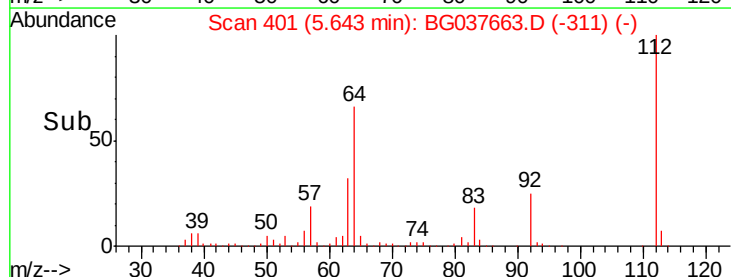
63 32.4 27.3 40.9

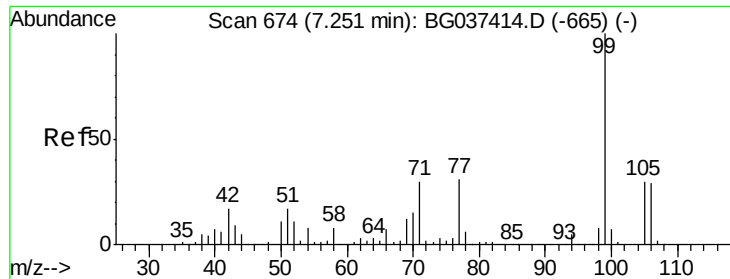


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 96.745 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037663.D

Acq: 30 Oct 2018 21:13

Instrument :

BNA_G

ClientSampleId :

PB114303BL

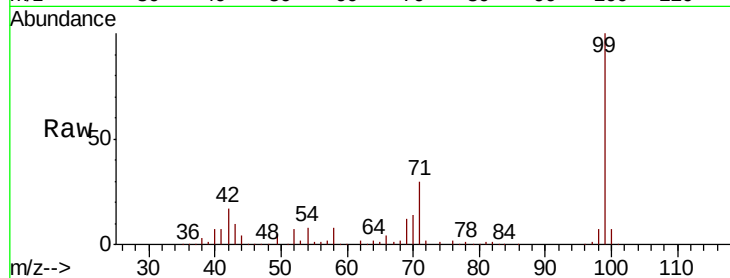
Tgt Ion: 99 Resp: 421691

Ion Ratio Lower Upper

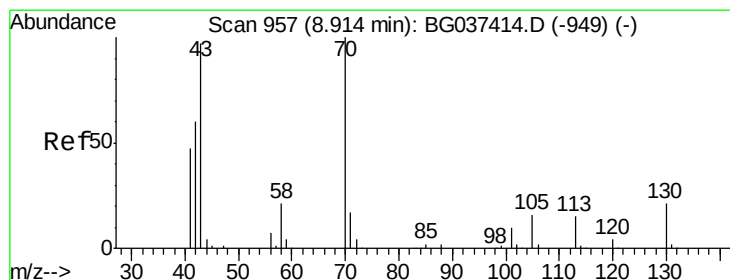
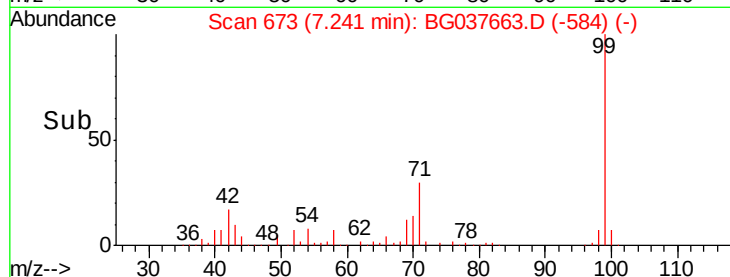
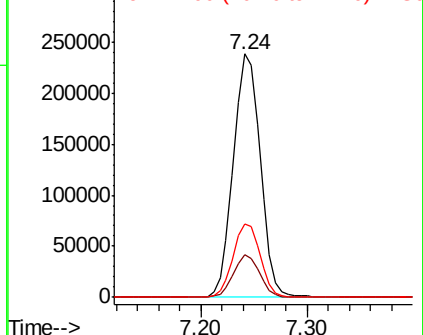
99 100

42 17.5 15.0 22.4

71 29.9 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: 9.621 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037663.D

Acq: 30 Oct 2018 21:13

Tgt Ion: 70 Resp: 28878

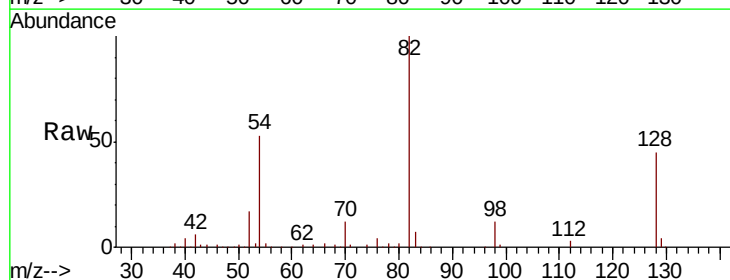
Ion Ratio Lower Upper

70 100

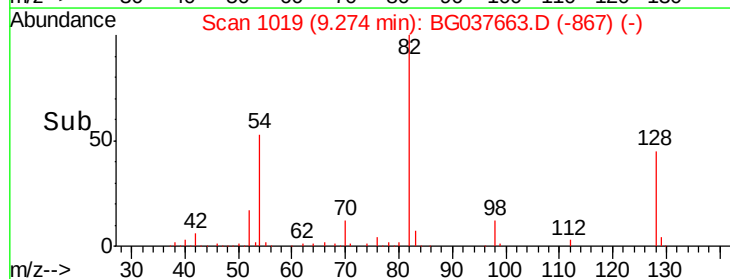
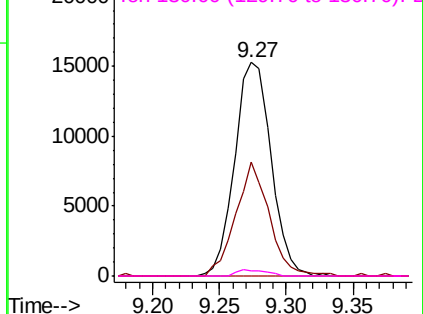
42 53.1 53.9 80.9#

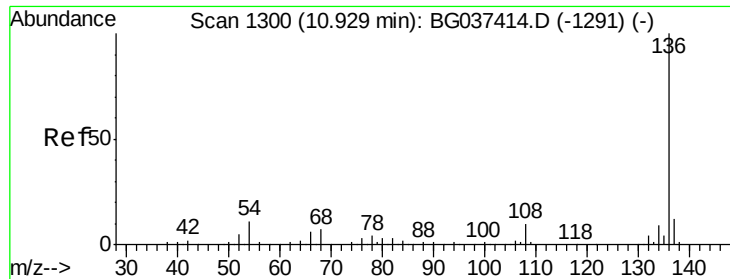
101 0.0 8.2 12.2#

130 2.6 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

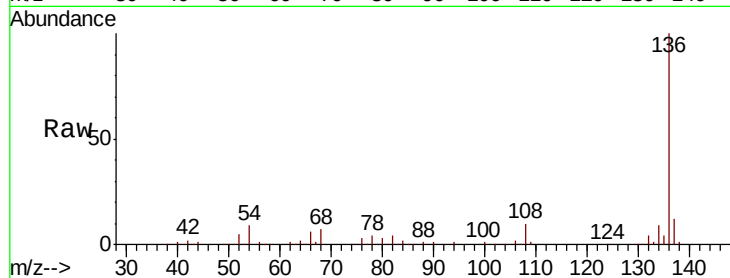




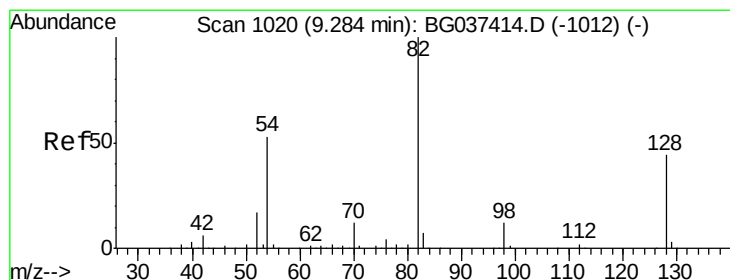
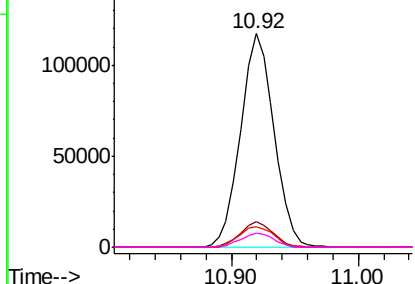
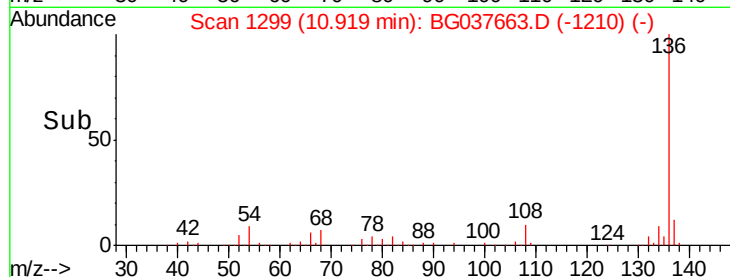
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037663.D
Acq: 30 Oct 2018 21:13

Instrument :
BNA_G
ClientSampleId :
PB114303BL

Tgt Ion:	136	Resp:	214923
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	9.4	7.9	11.9
68	6.7	4.8	7.2

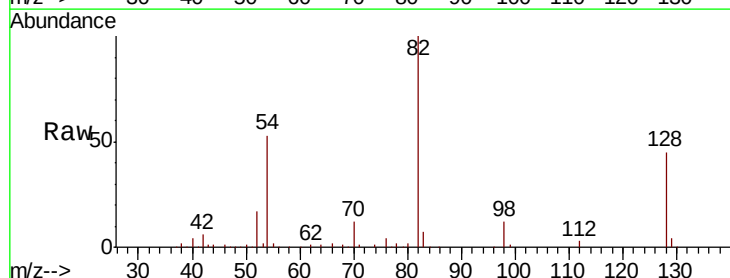


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

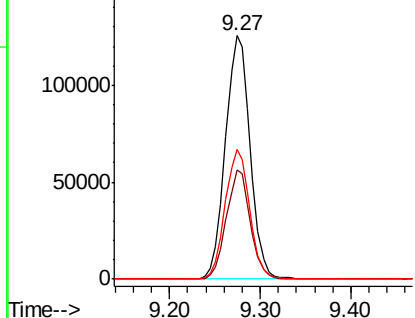
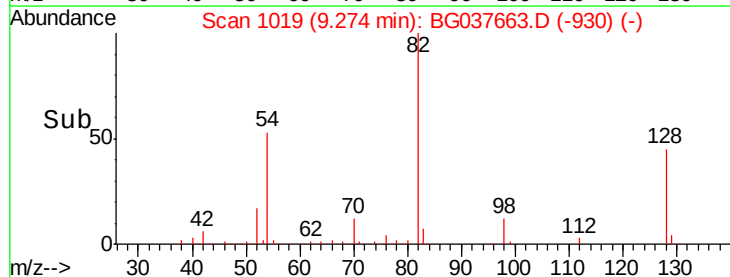


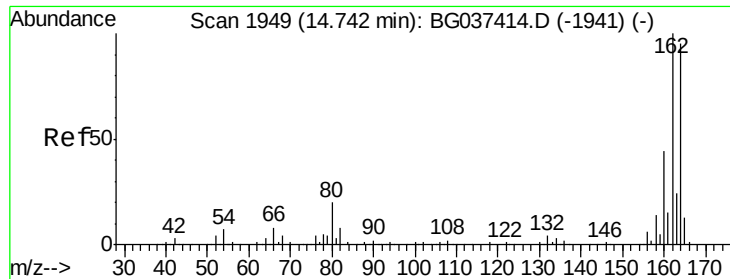
#23
Nitrobenzene-d5
Concen: 61.773 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037663.D
Acq: 30 Oct 2018 21:13

Tgt Ion:	82	Resp:	236999
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	51.8
54	53.3	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: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037663.D

Acq: 30 Oct 2018 21:13

Instrument :

BNA_G

ClientSampleId :

PB114303BL

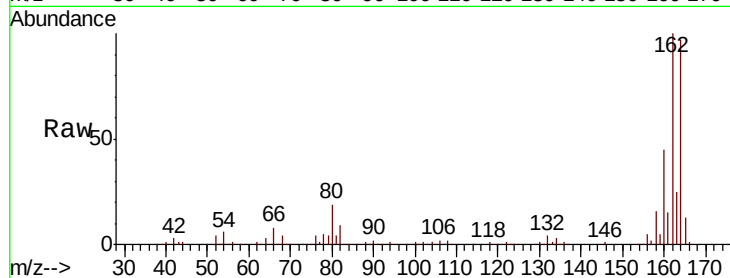
Tgt Ion:164 Resp: 149534

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

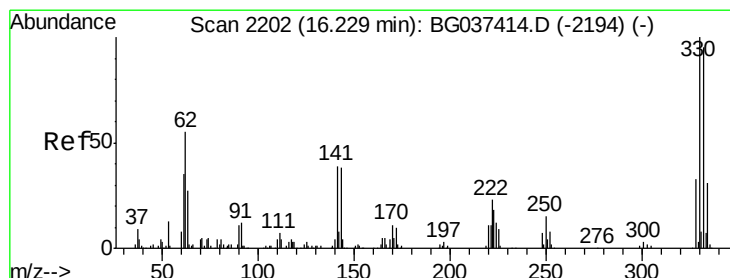
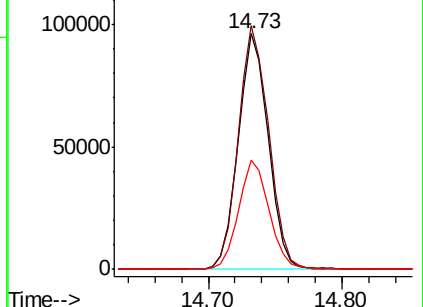
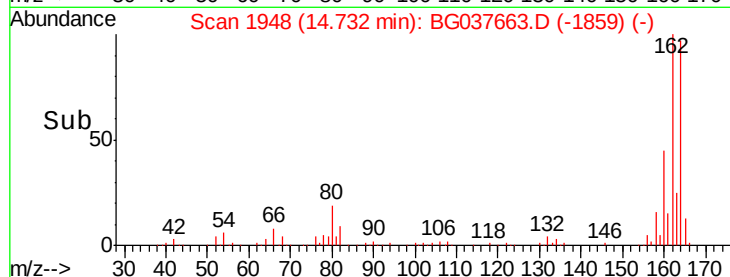
160 46.4 36.3 54.5



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: 91.359 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037663.D

Acq: 30 Oct 2018 21:13

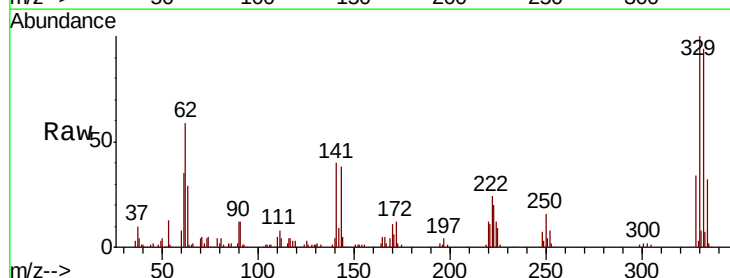
Tgt Ion:330 Resp: 149002

Ion Ratio Lower Upper

330 100

332 96.5 78.4 117.6

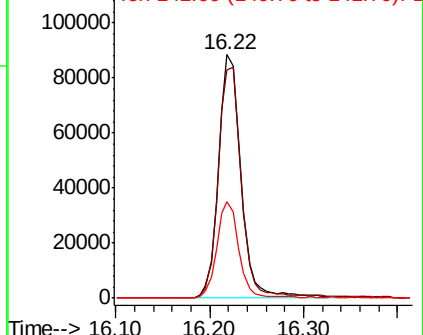
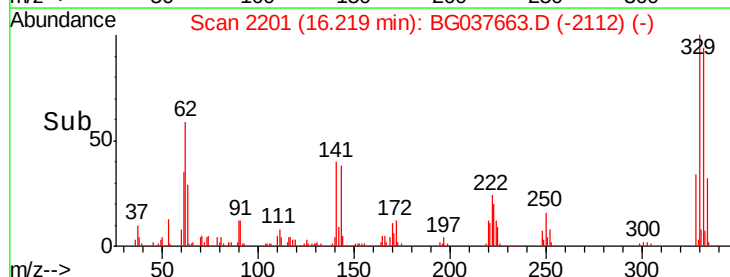
141 38.7 32.2 48.2

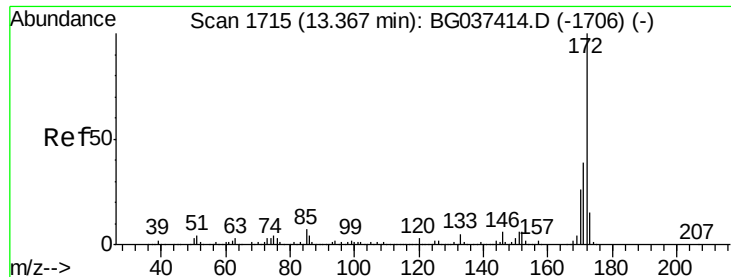


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

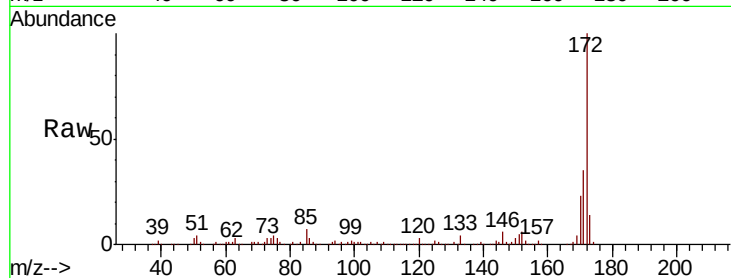




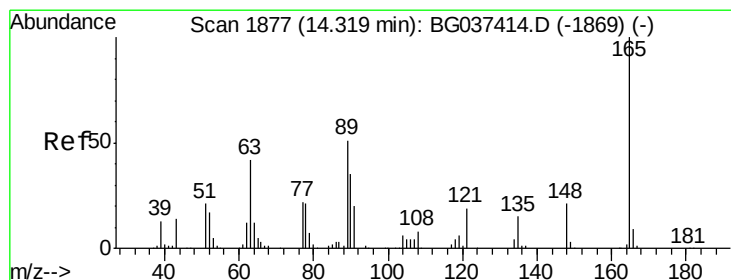
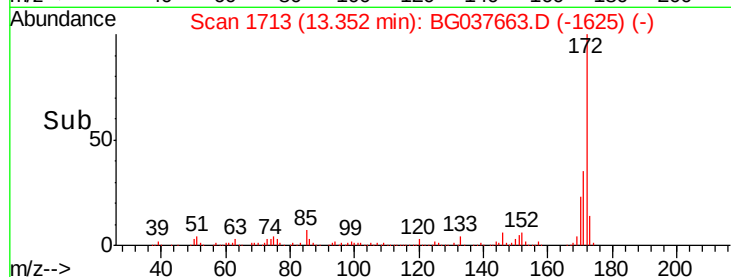
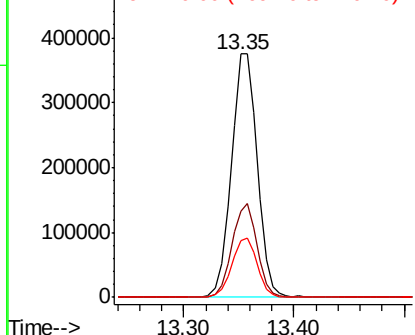
#45
 2-Fluorobiphenyl
 Concen: 62.351 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037663.D
 Acq: 30 Oct 2018 21:13

Instrument :
 BNA_G
 ClientSampleId :
 PB114303BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	31.0	46.4
170	23.4	20.2	30.2

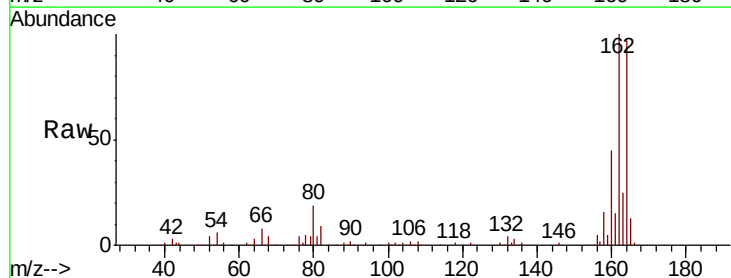


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

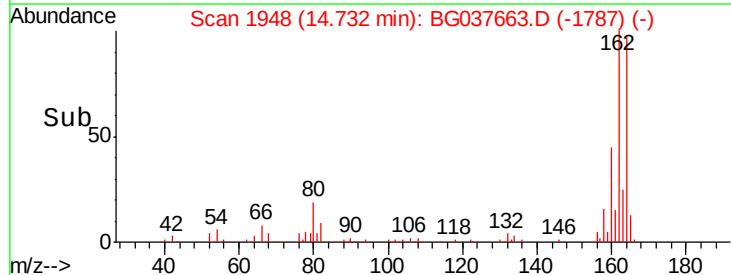
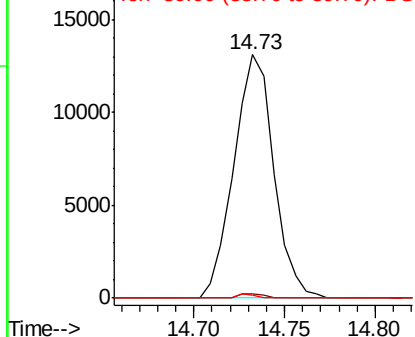


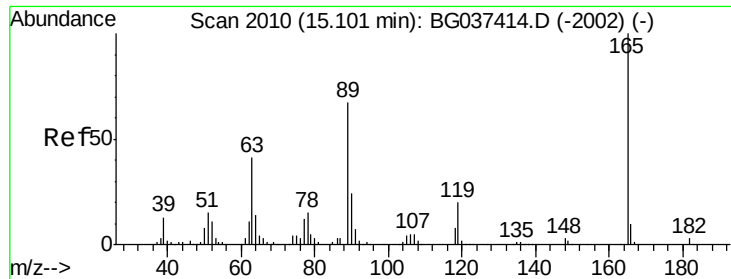
#51
 2,6-Dinitrotoluene
 Concen: 7.843 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037663.D
 Acq: 30 Oct 2018 21:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	1.2	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

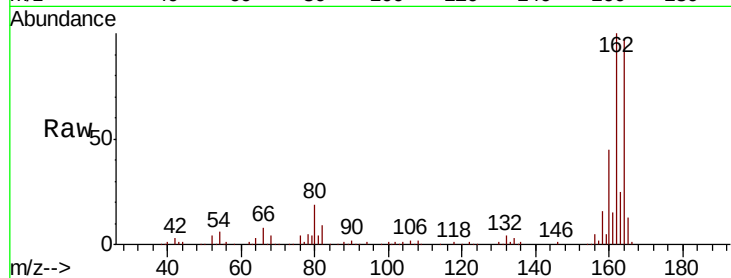




#57
 2,4-Dinitrotoluene
 Concen: 5.974 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037663.D
 Acq: 30 Oct 2018 21:13

Instrument :
 BNA_G
 ClientSampleId :
 PB114303BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	1.2	57.2	85.8#
182	0.0	2.6	4.0#



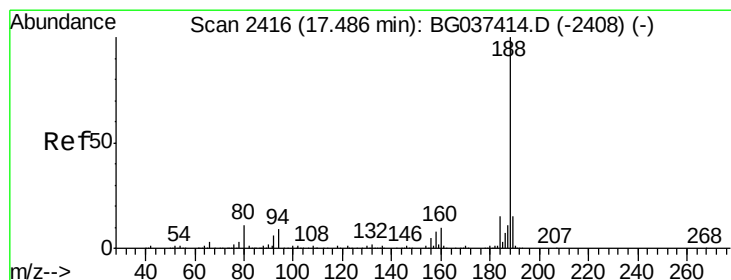
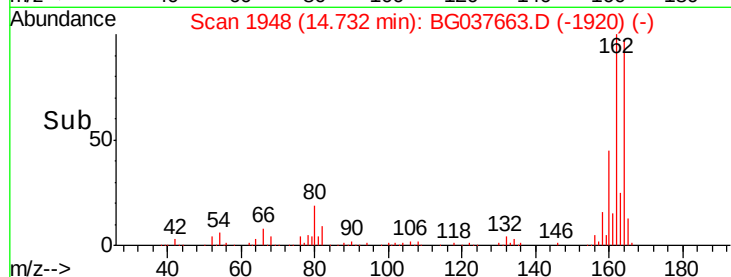
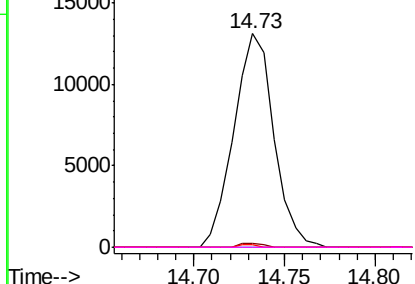
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

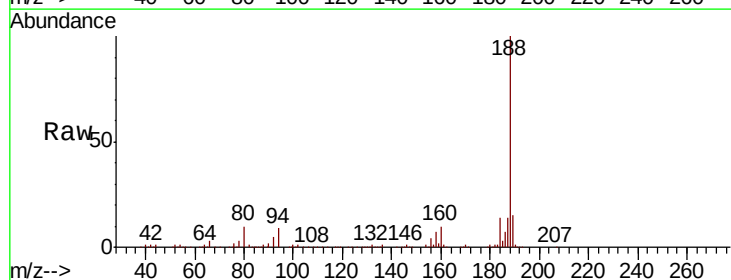
Ion 89.00 (88.70 to 89.70): BGC

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: BG037663.D
 Acq: 30 Oct 2018 21:13

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

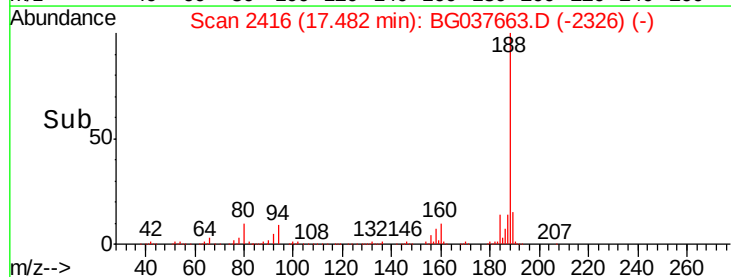
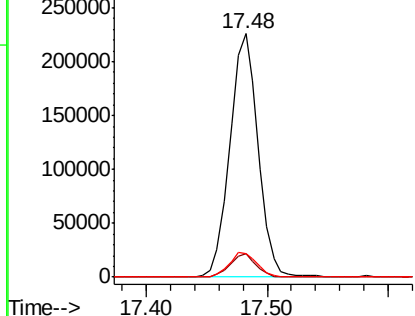


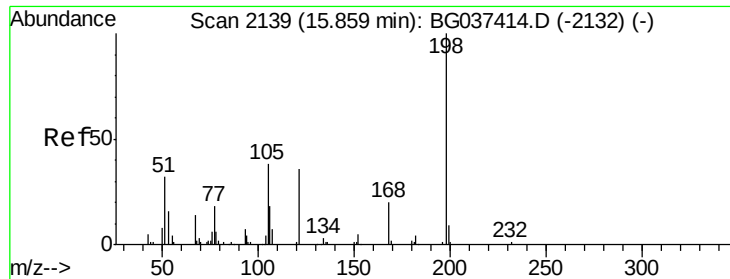
Abundance

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

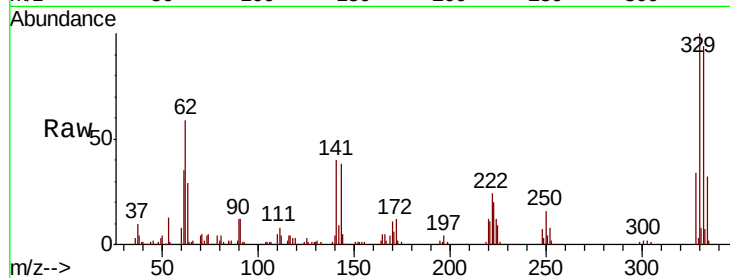




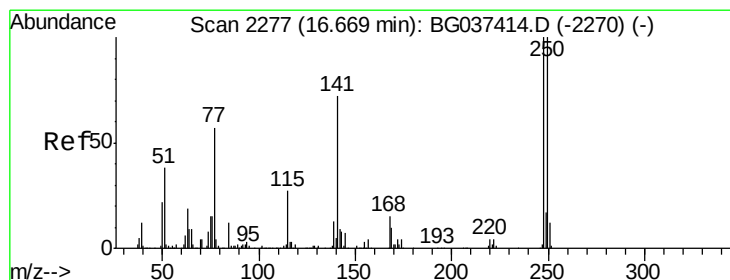
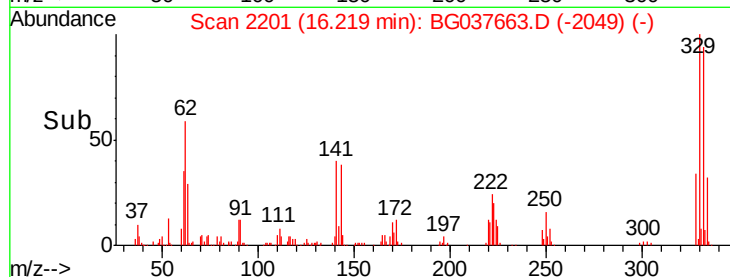
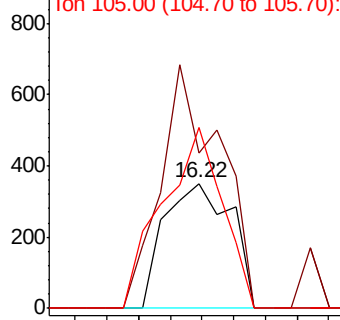
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.727 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037663.D
 Acq: 30 Oct 2018 21:13

Instrument :
 BNA_G
 ClientSampleID :
 PB114303BL

Tgt Ion:198 Resp: 512
 Ion Ratio Lower Upper
 198 100
 51 29.5 22.7 62.7
 105 34.4 19.7 59.7

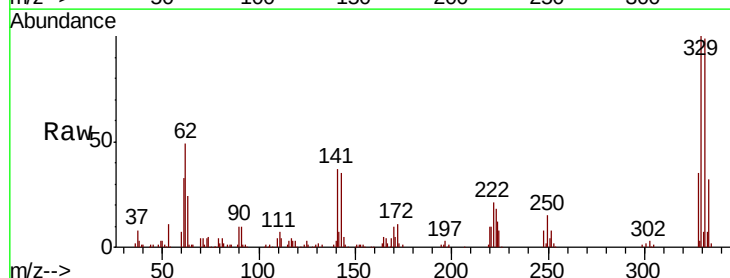


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

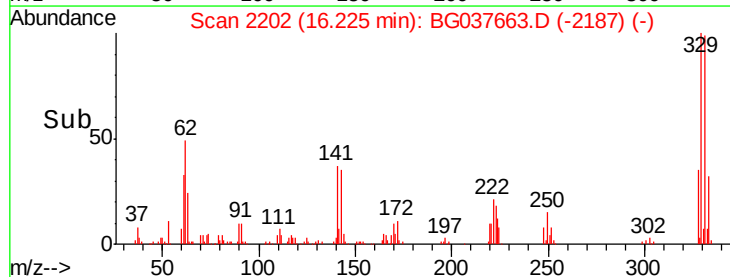
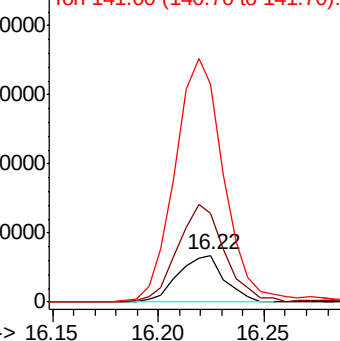


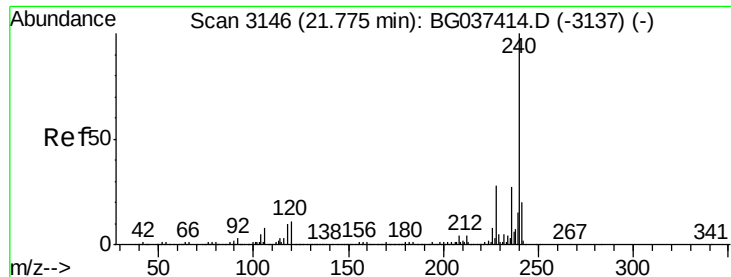
#67
 4-Bromophenyl-phenylether
 Concen: 2.549 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037663.D
 Acq: 30 Oct 2018 21:13

Tgt Ion:248 Resp: 10246
 Ion Ratio Lower Upper
 248 100
 250 187.9 77.0 115.6#
 141 362.3 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

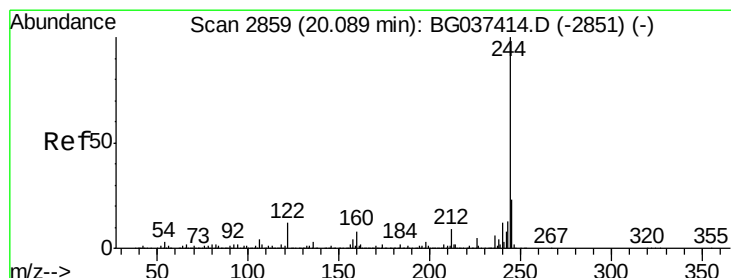
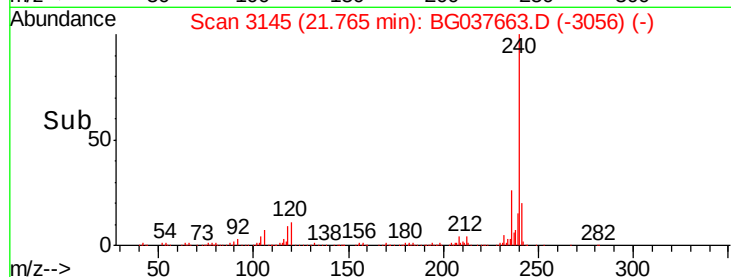
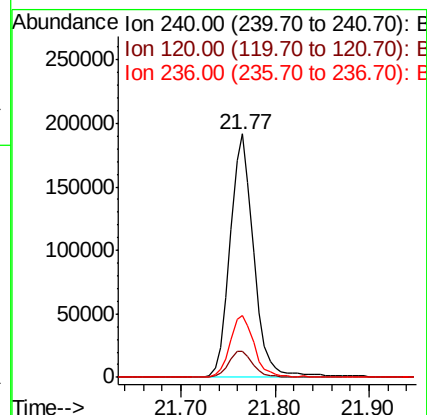
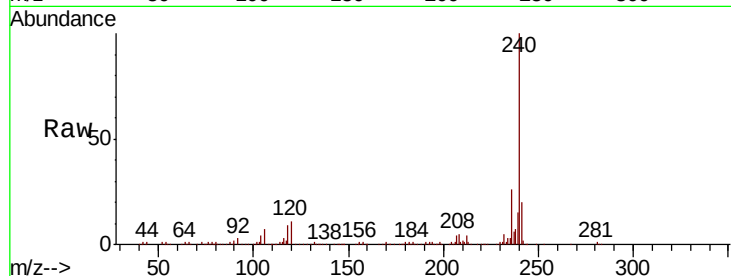




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037663.D
Acq: 30 Oct 2018 21:13

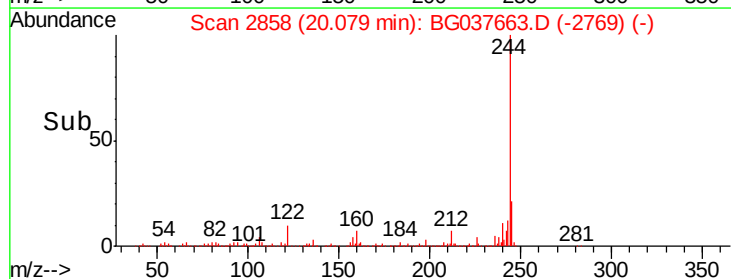
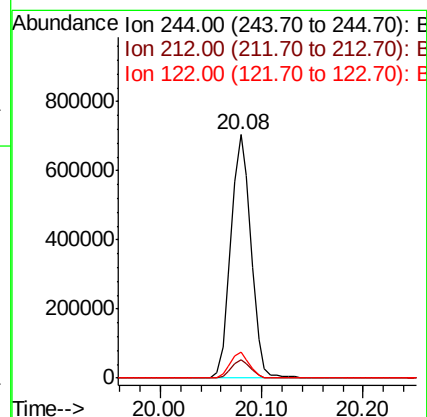
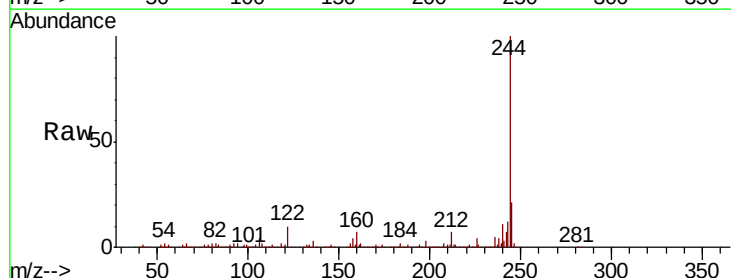
Instrument :
BNA_G
ClientSampleId :
PB114303BL

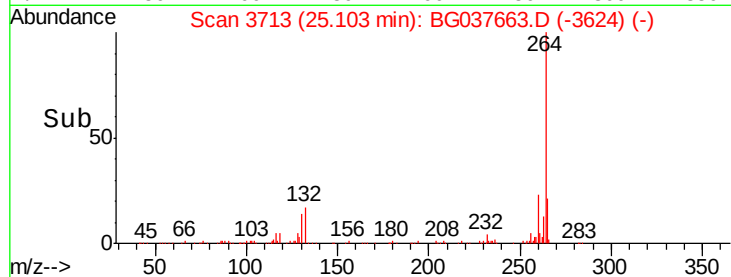
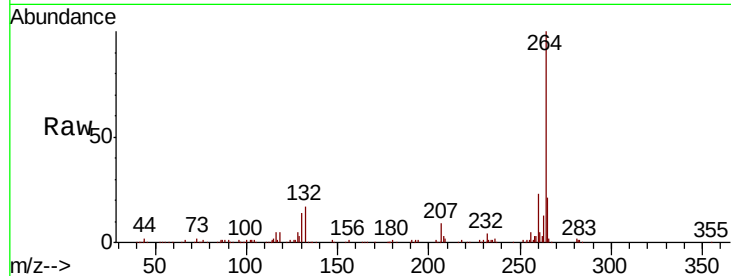
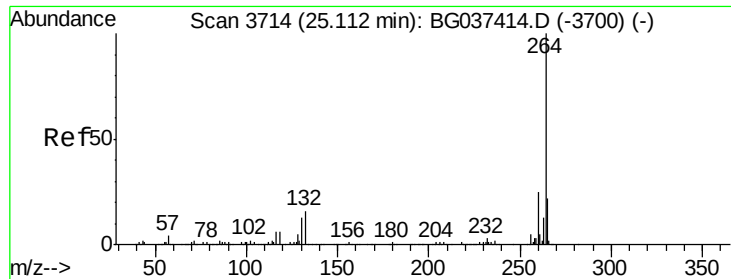
Tgt Ion:240 Resp: 335331
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 25.7 21.4 32.0



#79
Terphenyl-d14
Concen: 62.289 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037663.D
Acq: 30 Oct 2018 21:13

Tgt Ion:244 Resp: 977522
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 10.5 9.0 13.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037663.D

Acq: 30 Oct 2018 21:13

Instrument :

BNA_G

ClientSampleId :

PB114303BL

Tgt Ion: 264 Resp: 298163

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 21.3 17.9 26.9

