

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
 Data File : BG037264.D
 Acq On : 11 Oct 2018 19:19
 Operator : JU/SJ
 Sample : PB113765TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113765TB

Quant Time: Oct 12 06:50:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

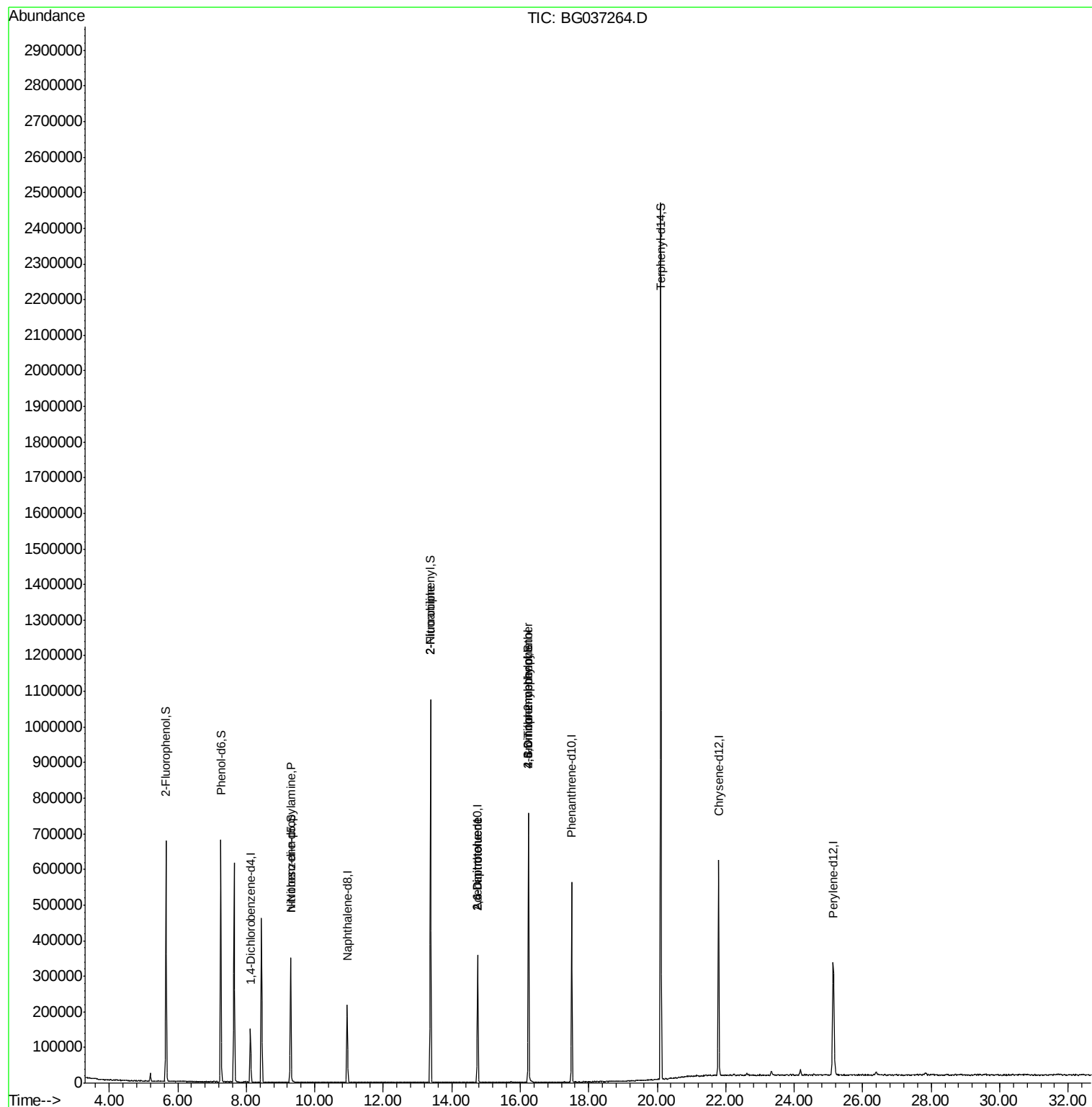
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	46813	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	193716	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	128391	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	350979	20.00	ng	0.00
76) Chrysene-d12	21.79	240	365078	20.00	ng	0.00
87) Perylene-d12	25.14	264	361392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	297565	111.87	ng	0.00
7) Phenol-d6	7.25	99	416099	103.06	ng	0.00
23) Nitrobenzene-d5	9.30	82	213904	72.60	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	136280	108.23	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	583622	68.27	ng	0.00
79) Terphenyl-d14	20.10	244	1131010	65.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.30	70	27416	8.969	ng	# 76
48) 2-Nitroaniline	13.38	65	781	6.073	ng	# 4
51) 2,6-Dinitrotoluene	14.76	165	15752	12.042	ng	# 23
57) 2,4-Dinitrotoluene	14.76	165	15752	10.977	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.24	198	349	6.224	ng	# 83
67) 4-Bromophenyl-phenylether	16.24	248	10754	2.839	ng	# 1

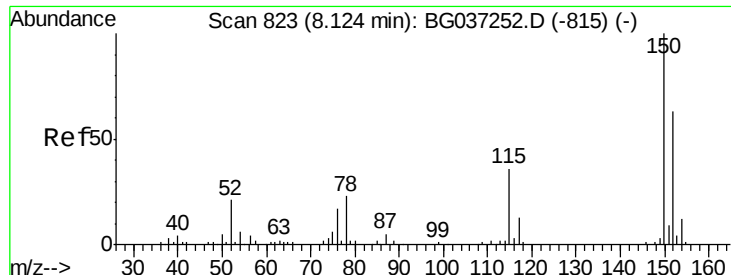
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

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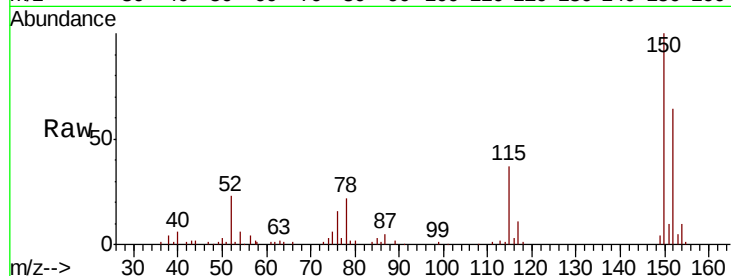




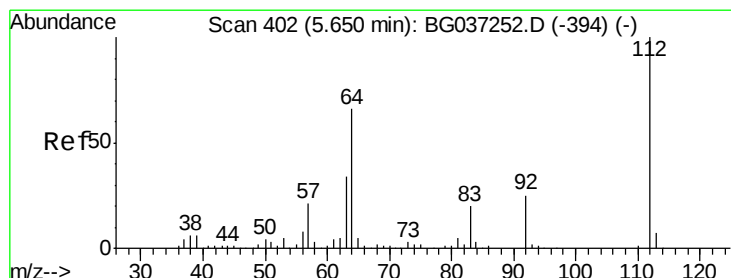
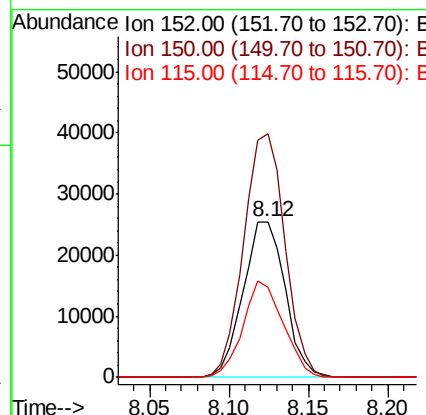
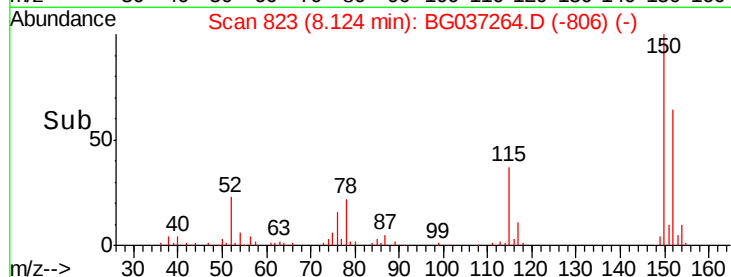
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BG037264.D
 Acq: 11 Oct 2018 19:19

Instrument :
 BNA_G
 ClientSampleID :
 PB113765TB

Tgt Ion:152 Resp: 46813
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.0 189.0
 115 57.5 45.5 68.3

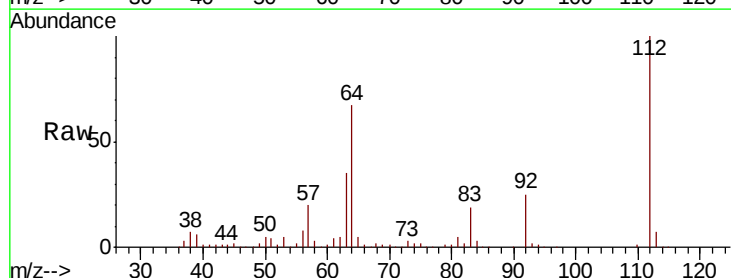


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

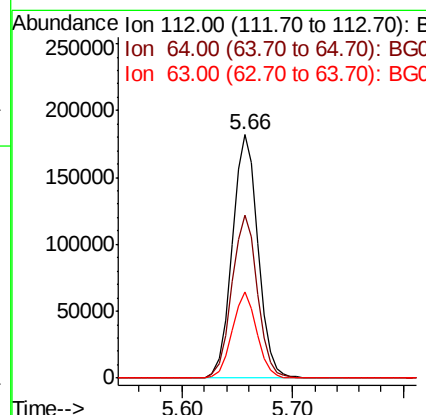
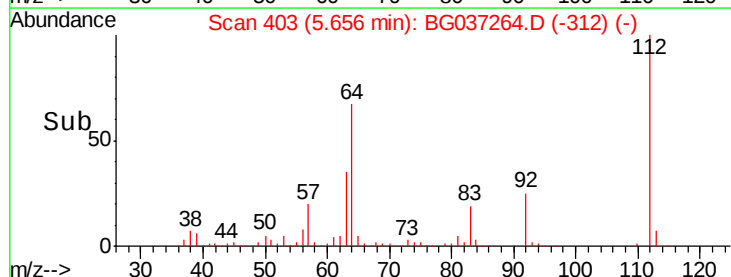


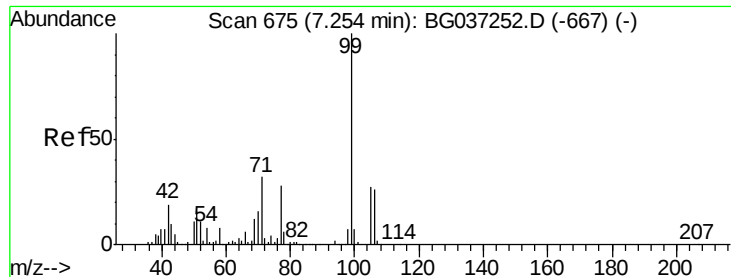
#5
 2-Fluorophenol
 Concen: 111.868 ng
 RT: 5.66 min Scan# 403
 Delta R.T. 0.01 min
 Lab File: BG037264.D
 Acq: 11 Oct 2018 19:19

Tgt Ion:112 Resp: 297565
 Ion Ratio Lower Upper
 112 100
 64 67.1 53.1 79.7
 63 35.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 103.061 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037264.D

Acq: 11 Oct 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB113765TB

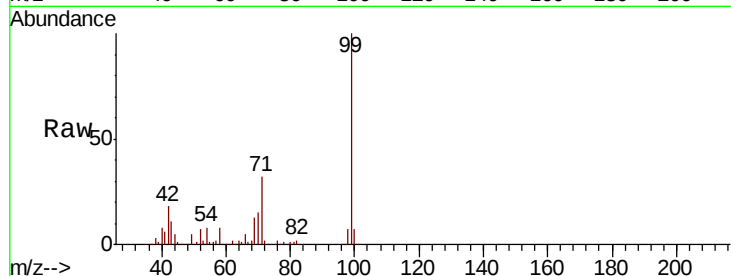
Tgt Ion: 99 Resp: 416099

Ion Ratio Lower Upper

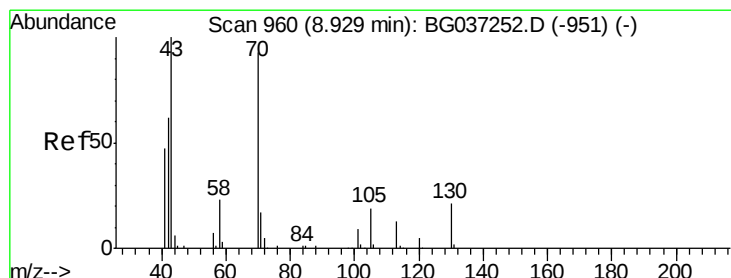
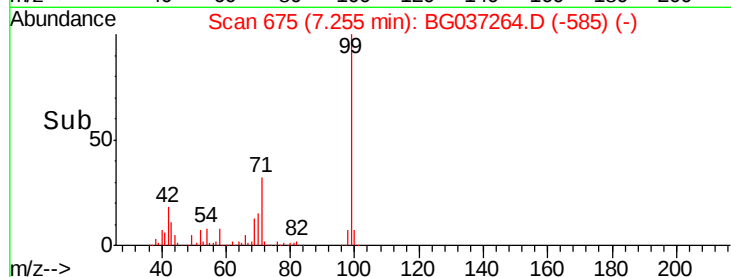
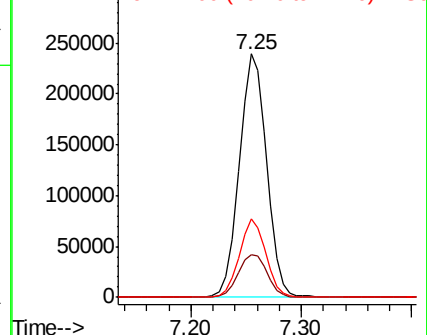
99 100

42 17.8 15.0 22.4

71 32.1 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: 8.969 ng

RT: 9.30 min Scan# 1023

Delta R.T. 0.37 min

Lab File: BG037264.D

Acq: 11 Oct 2018 19:19

Tgt Ion: 70 Resp: 27416

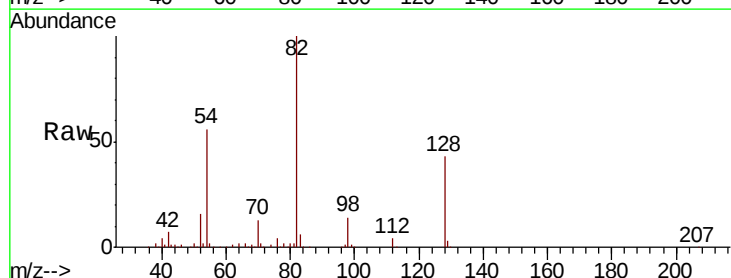
Ion Ratio Lower Upper

70 100

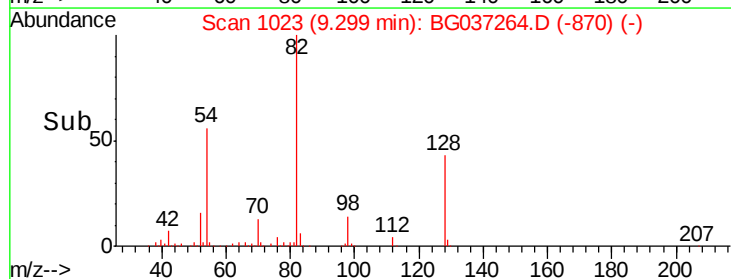
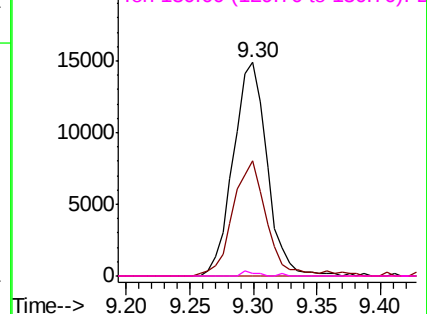
42 53.8 53.9 80.9#

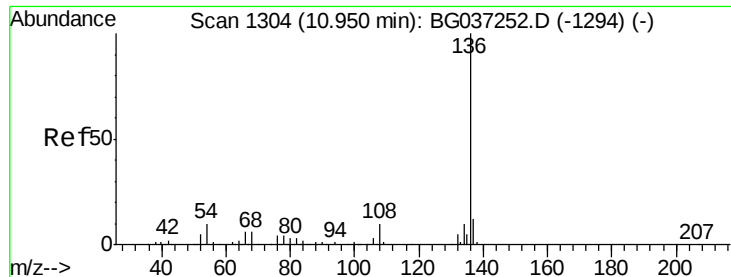
101 0.0 8.2 12.2#

130 1.4 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

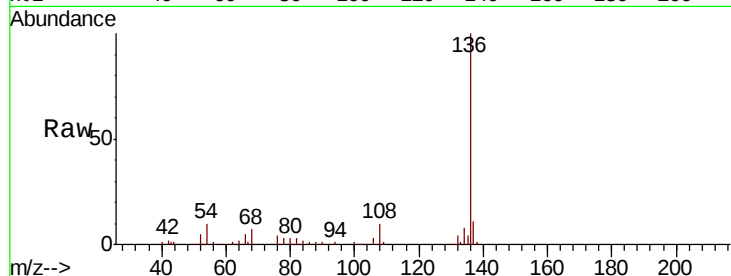




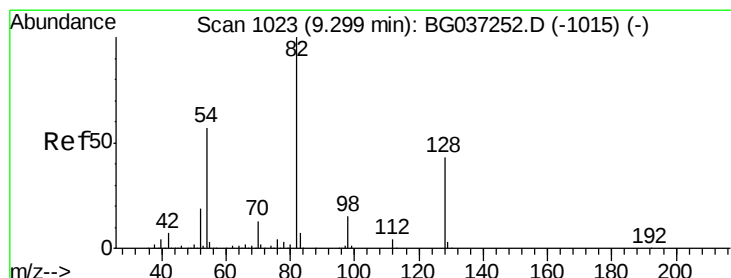
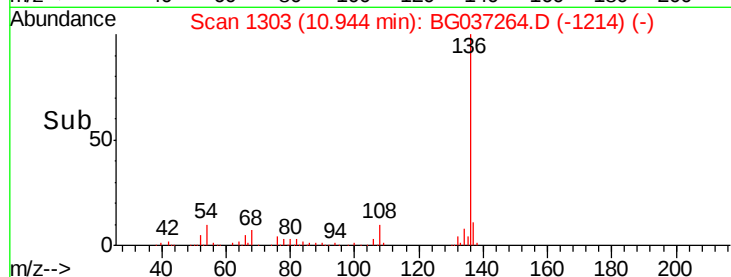
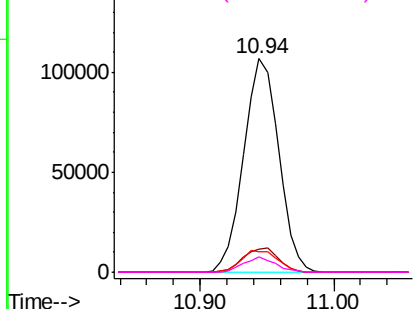
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB113765TB

Tgt Ion:	136	Resp:	193716
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	9.6	7.9	11.9
68	6.9	4.8	7.2

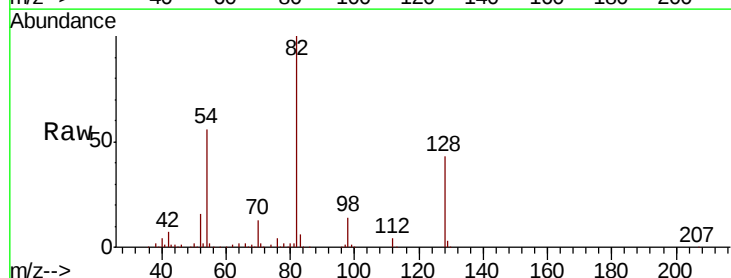


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

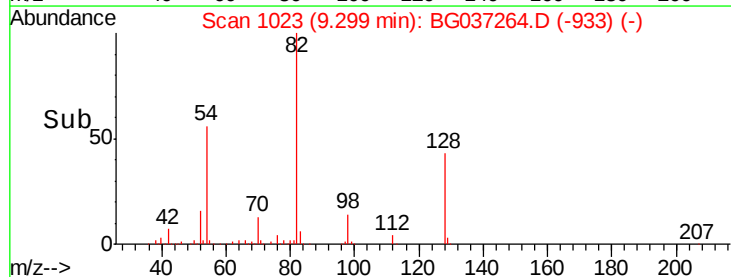
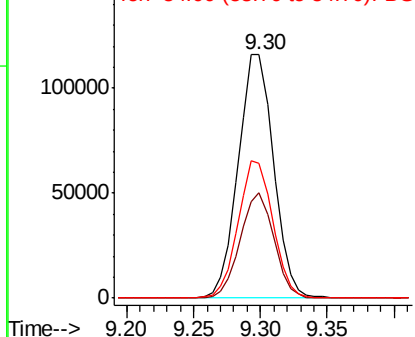


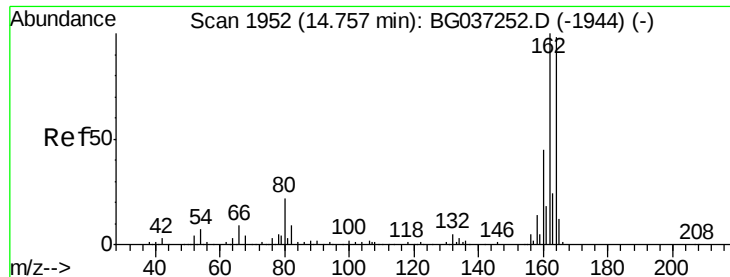
#23
Nitrobenzene-d5
Concen: 72.596 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Tgt Ion:	82	Resp:	213904
Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	55.6	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG037264.D

Acq: 11 Oct 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB113765TB

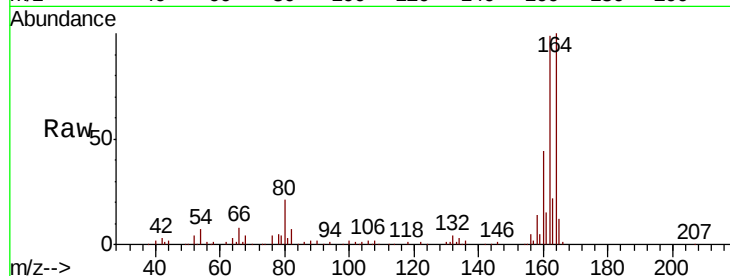
Tgt Ion:164 Resp: 128391

Ion Ratio Lower Upper

164 100

162 99.3 81.3 121.9

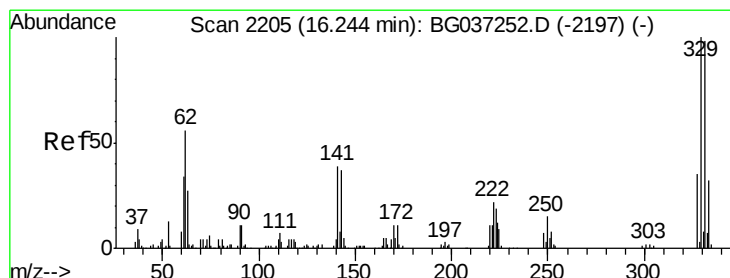
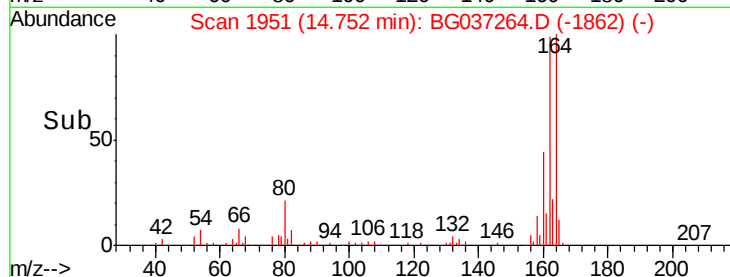
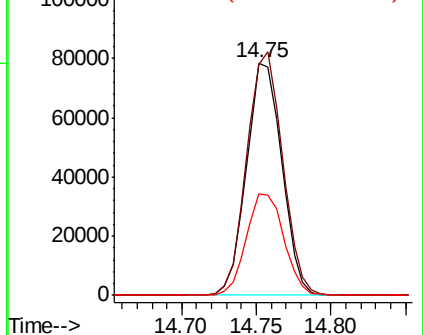
160 43.9 36.3 54.5



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: 108.231 ng

RT: 16.24 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG037264.D

Acq: 11 Oct 2018 19:19

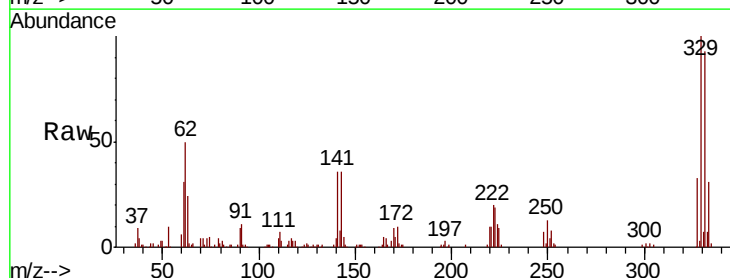
Tgt Ion:330 Resp: 136280

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

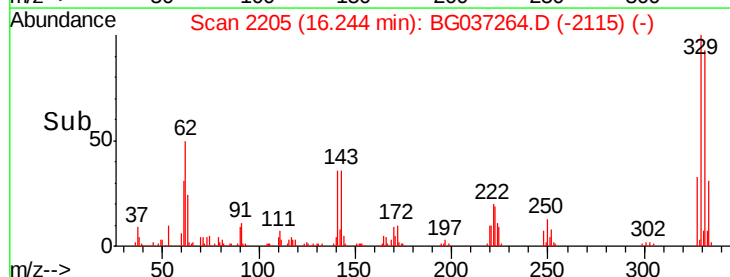
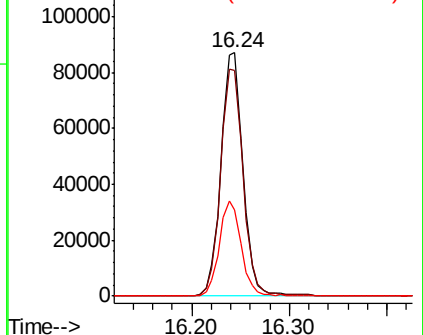
141 38.7 32.2 48.2

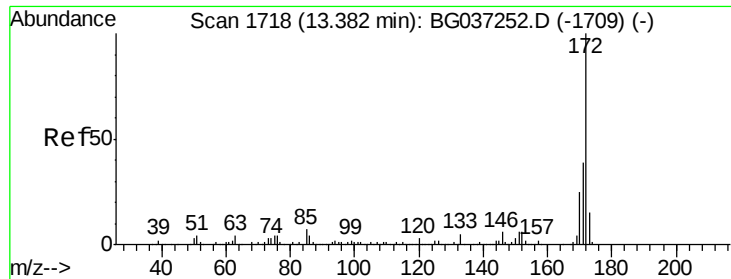


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

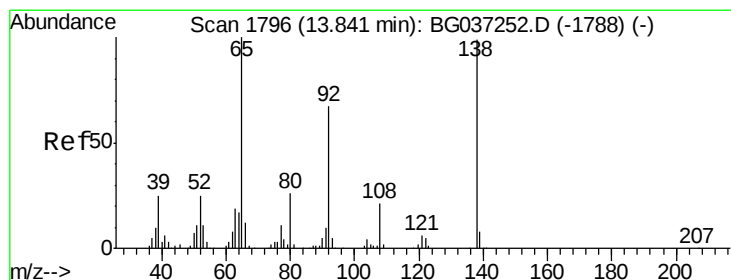
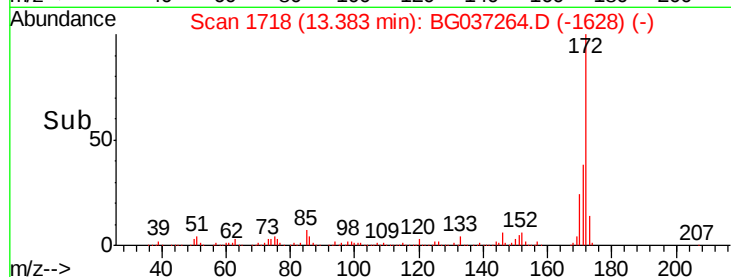
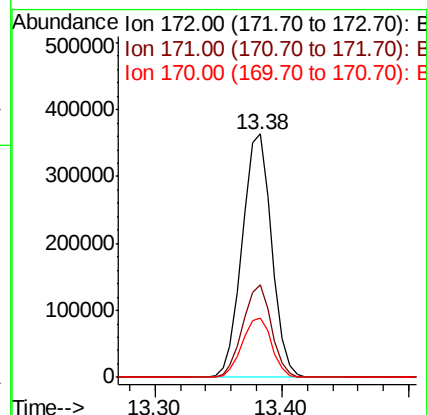
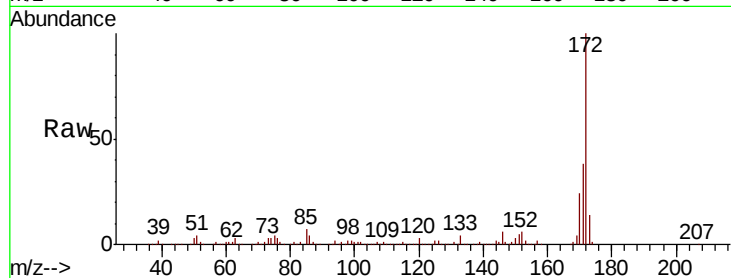




#45
2-Fluorobiphenyl
Concen: 68.265 ng
RT: 13.38 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

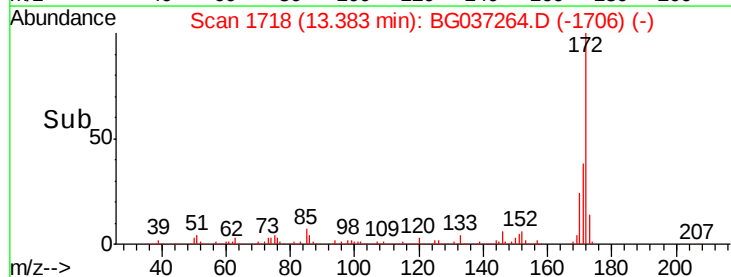
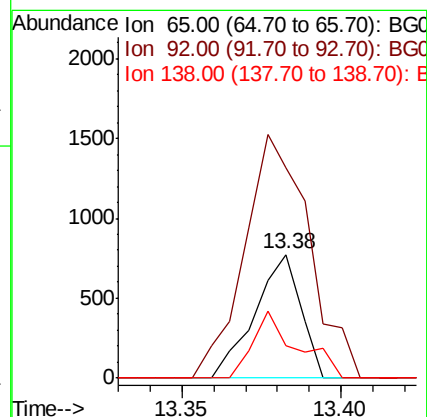
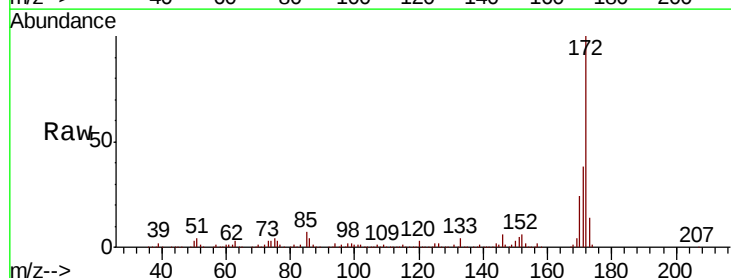
Instrument :
BNA_G
ClientSampleId :
PB113765TB

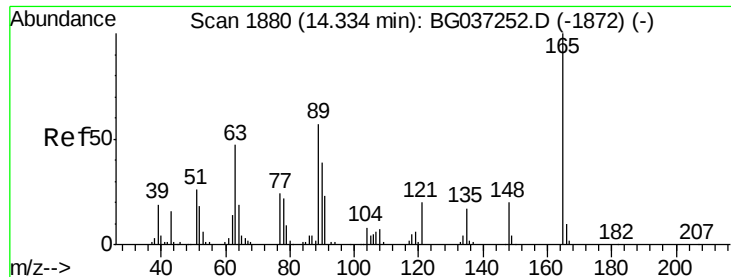
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	24.2	20.2	30.2



#48
2-Nitroaniline
Concen: 6.073 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.46 min
Lab File: BG037264.D
Acq: 11 Oct 2018 19:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	169.4	53.2	79.8#
138	26.1	79.3	118.9#





#51

2,6-Dinitrotoluene

Concen: 12.042 ng

RT: 14.76 min Scan# 1952

Delta R.T. 0.42 min

Lab File: BG037264.D

Acq: 11 Oct 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB113765TB

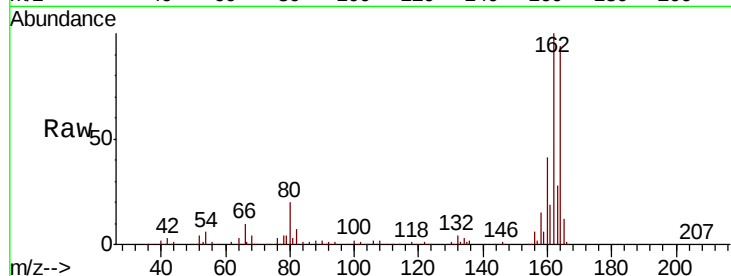
Tgt Ion:165 Resp: 15752

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

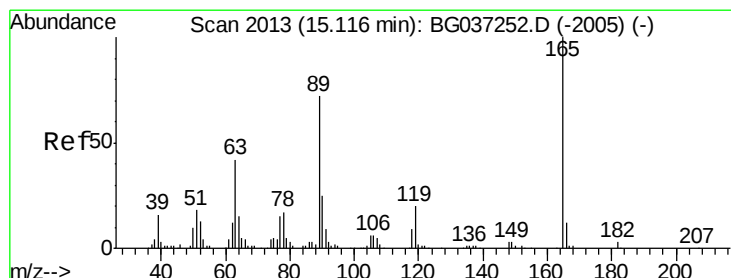
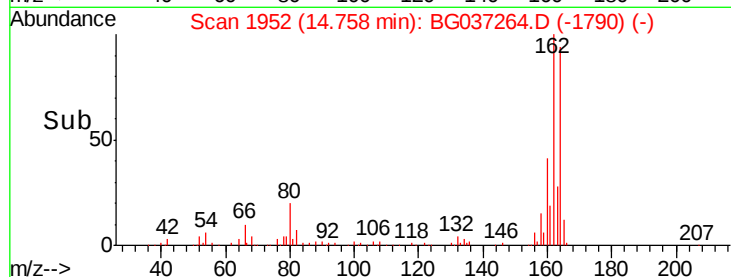
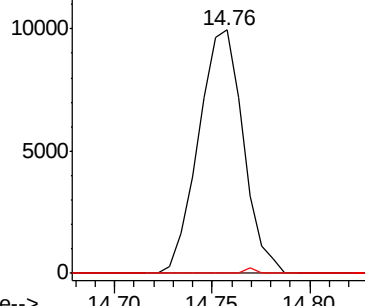
89 0.0 45.8 68.6#



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: 10.977 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.36 min

Lab File: BG037264.D

Acq: 11 Oct 2018 19:19

Tgt Ion:165 Resp: 15752

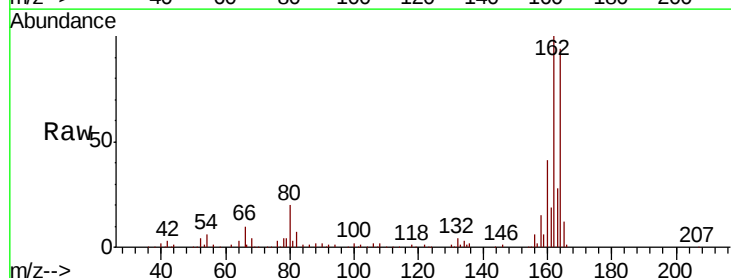
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

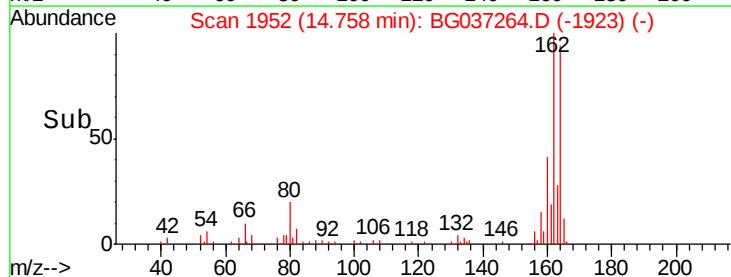
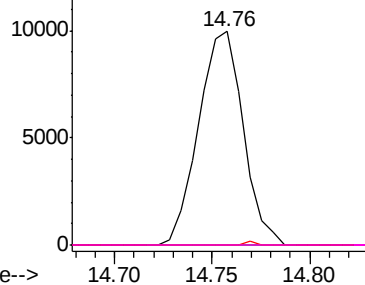


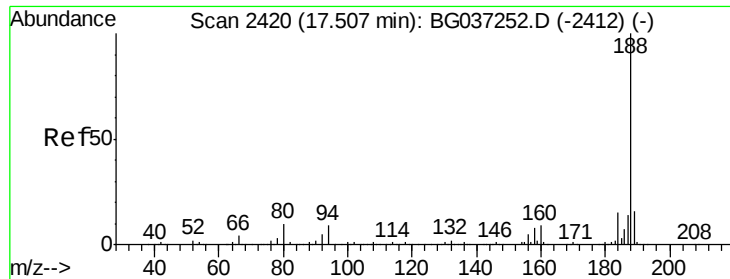
Abundance Ion 165.00 (164.70 to 165.70): E

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

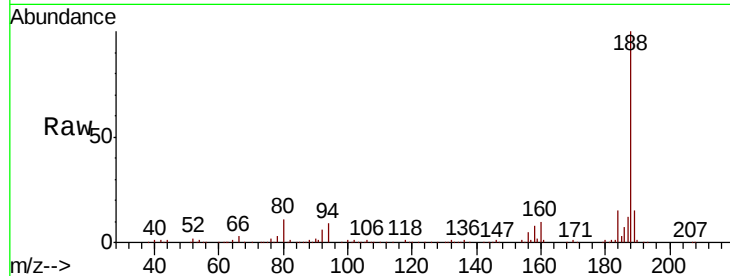




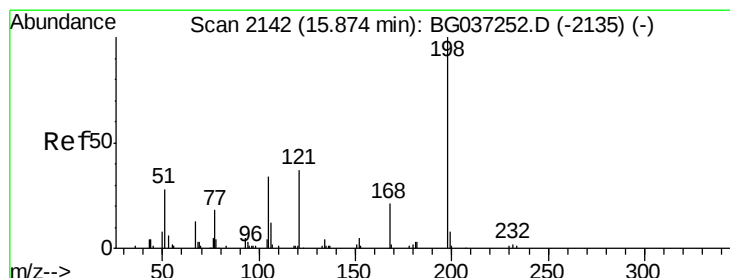
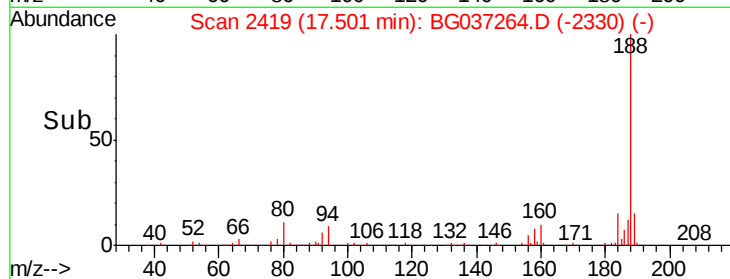
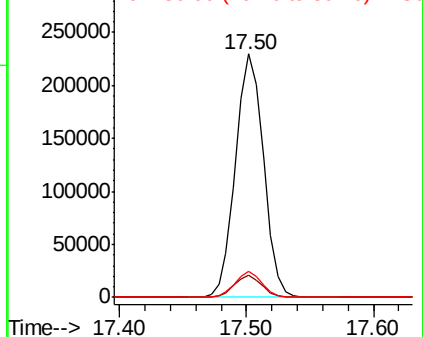
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG037264.D
 Acq: 11 Oct 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB113765TB

Tgt Ion:188 Resp: 350979
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.2 10.8
 80 10.7 7.7 11.5

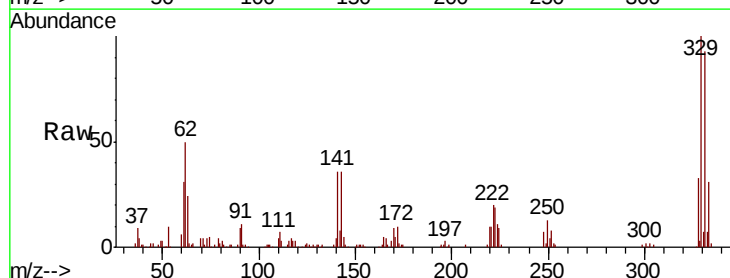


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

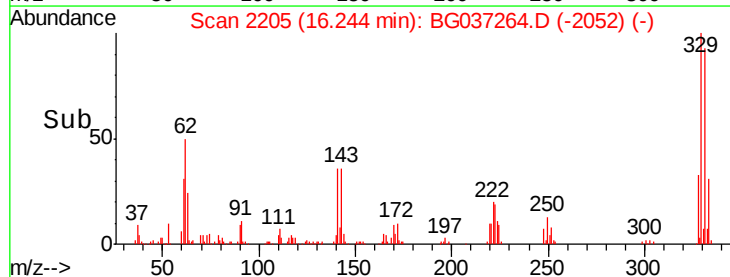
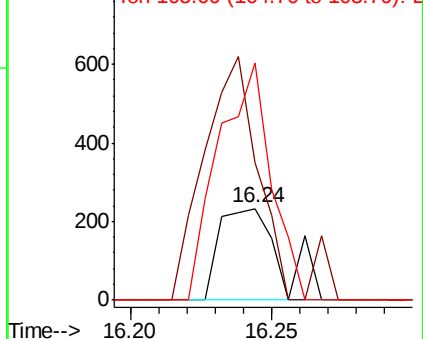


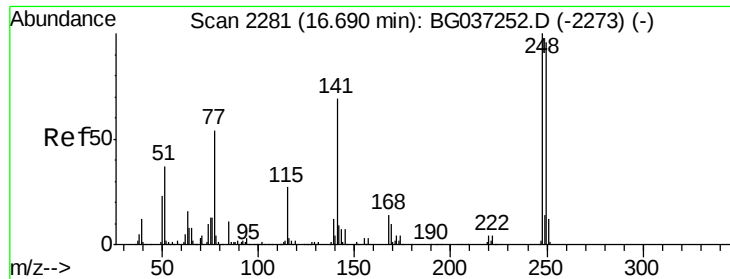
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.224 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. 0.37 min
 Lab File: BG037264.D
 Acq: 11 Oct 2018 19:19

Tgt Ion:198 Resp: 349
 Ion Ratio Lower Upper
 198 100
 51 25.6 22.7 62.7
 105 44.0 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

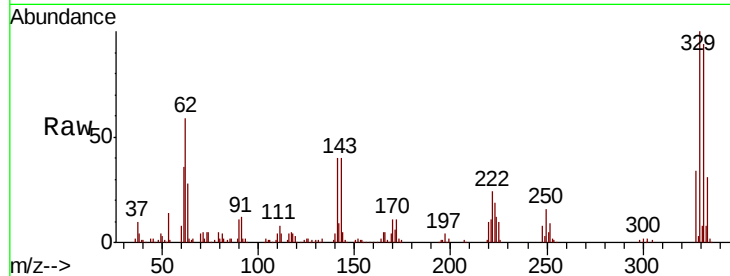




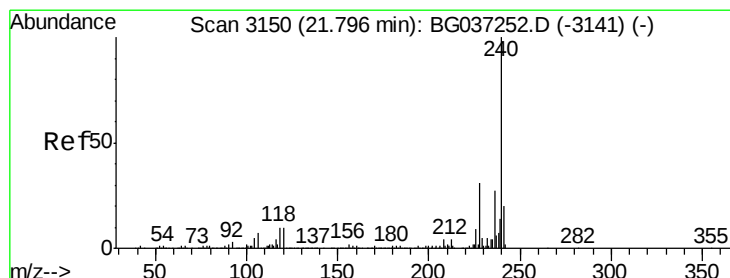
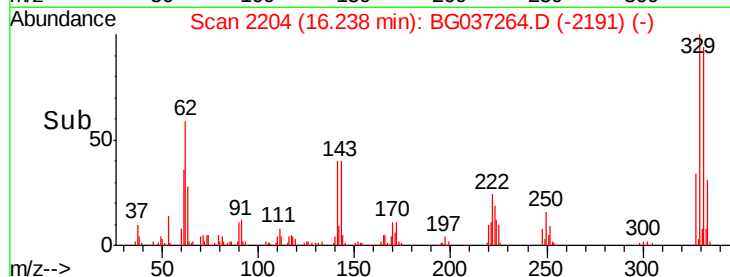
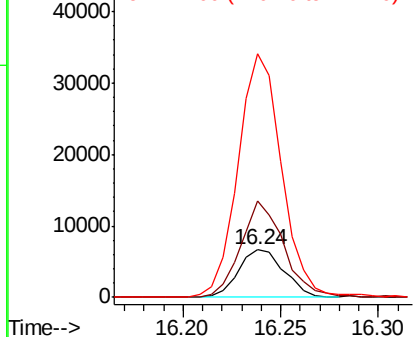
#67
 4-Bromophenyl-phenylether
 Concen: 2.839 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.45 min
 Lab File: BG037264.D
 Acq: 11 Oct 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB113765TB

Tgt Ion:248 Resp: 10754
 Ion Ratio Lower Upper
 248 100
 250 192.5 77.0 115.6#
 141 378.2 55.5 83.3#

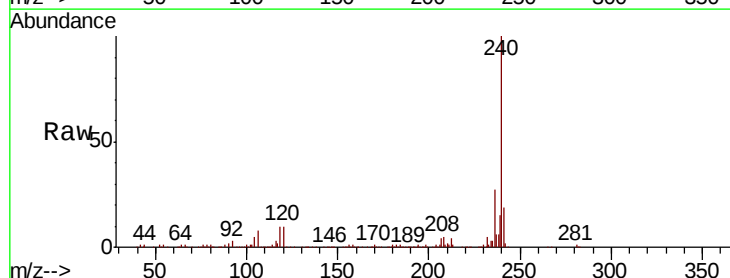


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

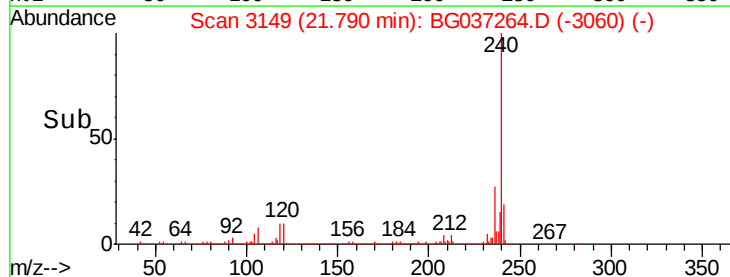
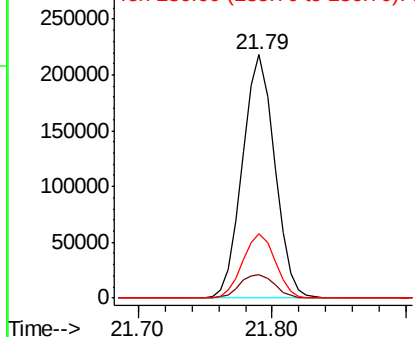


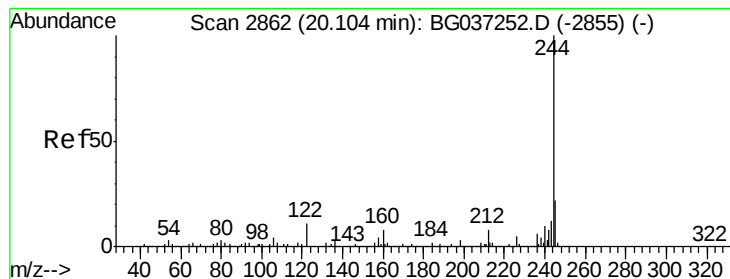
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG037264.D
 Acq: 11 Oct 2018 19:19

Tgt Ion:240 Resp: 365078
 Ion Ratio Lower Upper
 240 100
 120 9.7 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: 65.050 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG037264.D

Acq: 11 Oct 2018 19:19

Instrument :

BNA_G

ClientSampled :

PB113765TB

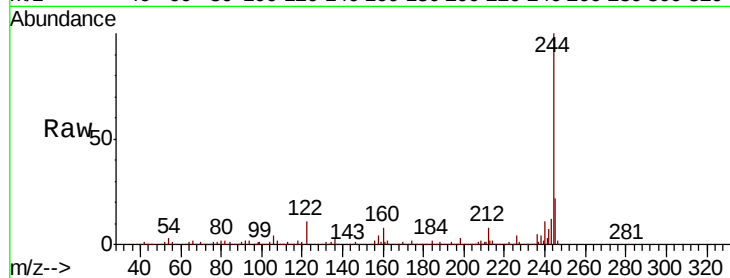
Tgt Ion:244 Resp: 1131010

Ion Ratio Lower Upper

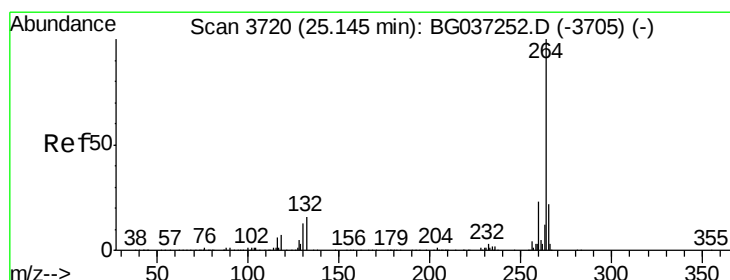
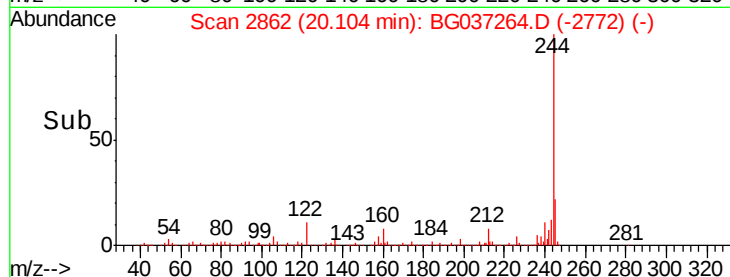
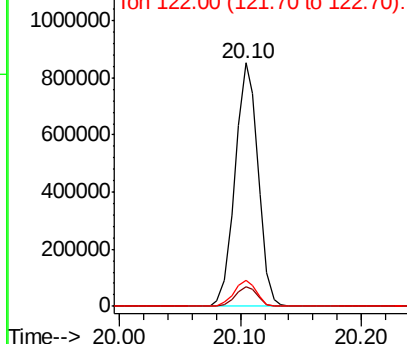
244 100

212 8.2 6.5 9.7

122 10.8 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: 25.14 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG037264.D

Acq: 11 Oct 2018 19:19

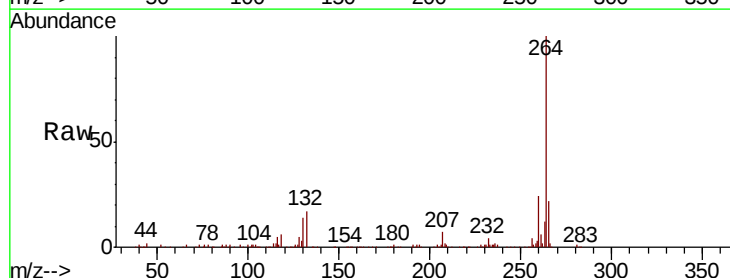
Tgt Ion:264 Resp: 361392

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 22.0 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

