

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
 Data File : BG037263.D
 Acq On : 11 Oct 2018 18:40
 Operator : JU/SJ
 Sample : PB113765BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 06:50:24 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

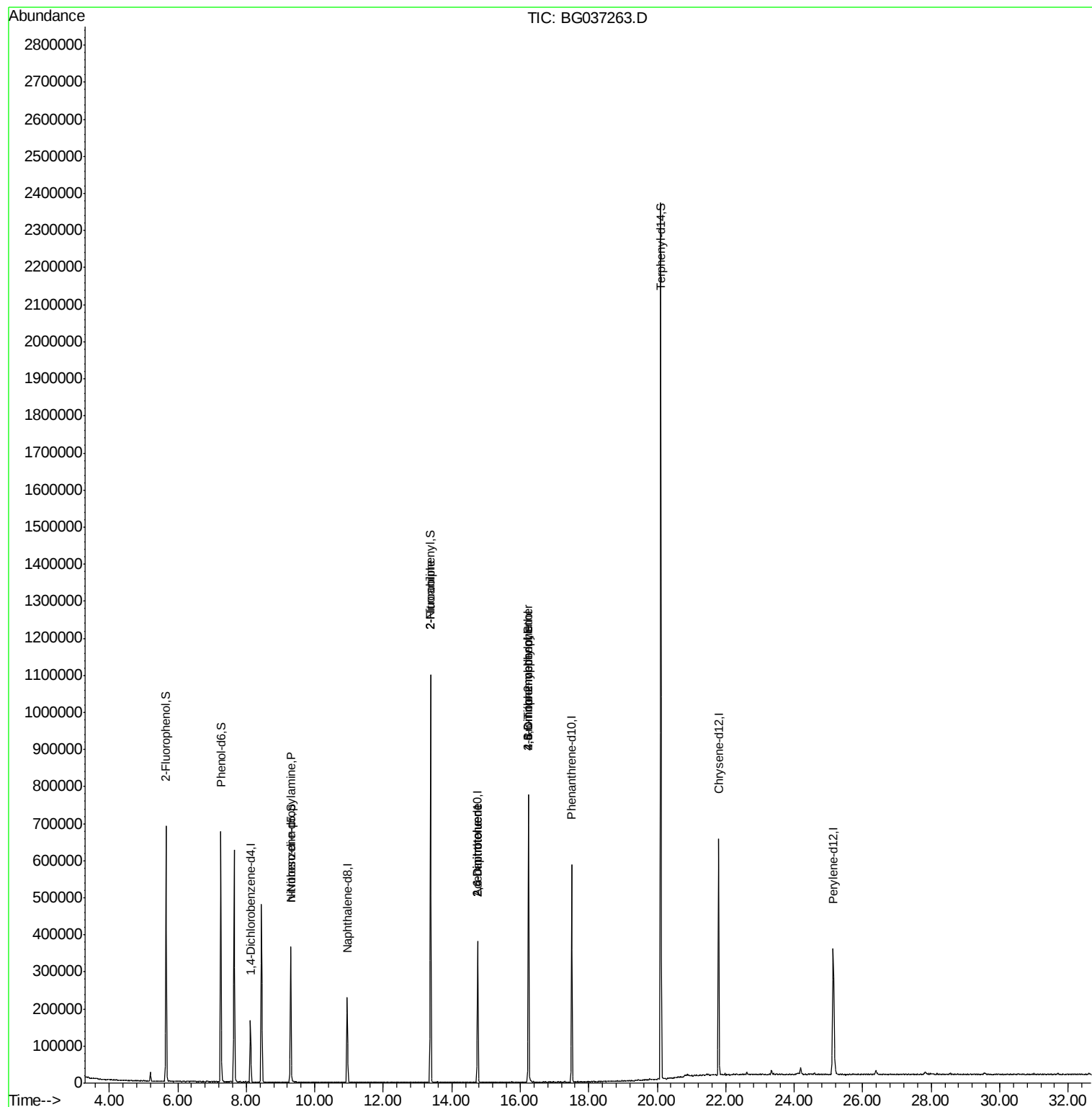
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	49469	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	206532	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	137064	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	365690	20.00	ng	0.00
76) Chrysene-d12	21.79	240	382699	20.00	ng	0.00
87) Perylene-d12	25.14	264	378596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	301425	107.23	ng	0.00
7) Phenol-d6	7.26	99	423167	99.18	ng	0.00
23) Nitrobenzene-d5	9.30	82	218221	69.47	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	138921	103.35	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	591345	64.79	ng	0.00
79) Terphenyl-d14	20.10	244	1117123	61.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.30	70	27385	8.478	ng	# 76
48) 2-Nitroaniline	13.38	65	986	6.131	ng	# 4
51) 2,6-Dinitrotoluene	14.76	165	17691	12.419	ng	# 23
57) 2,4-Dinitrotoluene	14.76	165	17691	11.271	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.24	198	526	6.348	ng	79
67) 4-Bromophenyl-phenylether	16.24	248	10353	2.623	ng	# 1

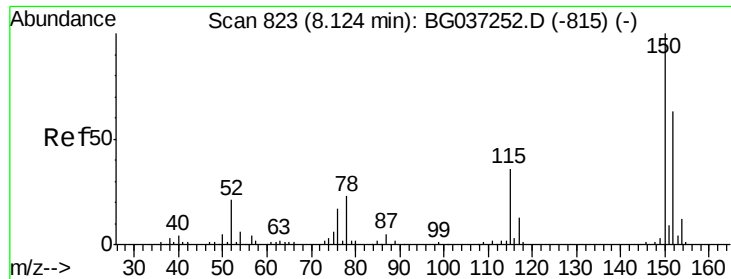
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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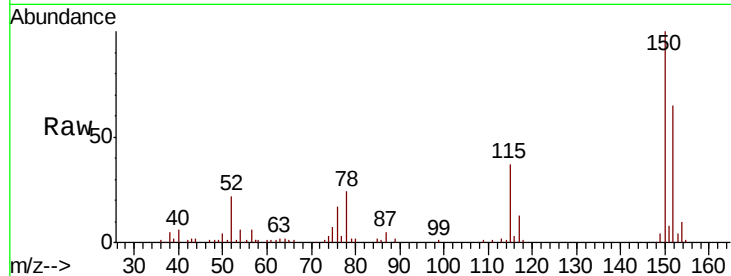




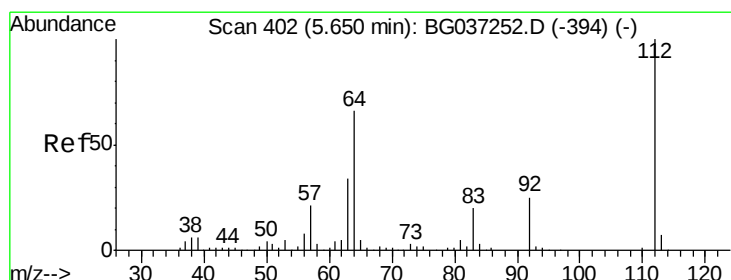
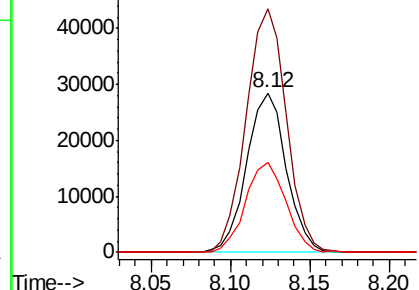
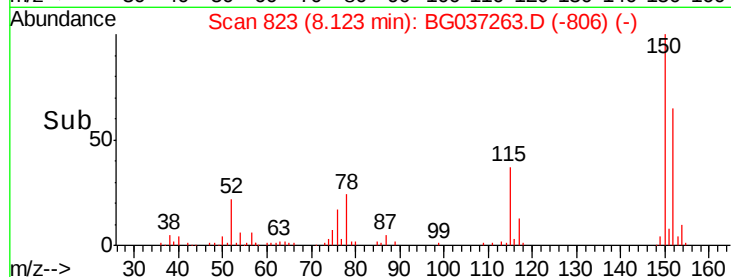
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG037263.D
 Acq: 11 Oct 2018 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:152 Resp: 49469
 Ion Ratio Lower Upper
 152 100
 150 153.0 126.0 189.0
 115 56.9 45.5 68.3

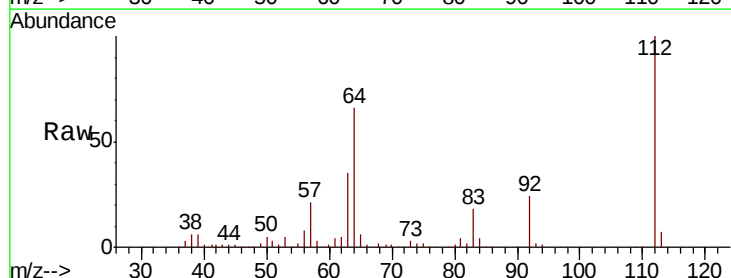


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

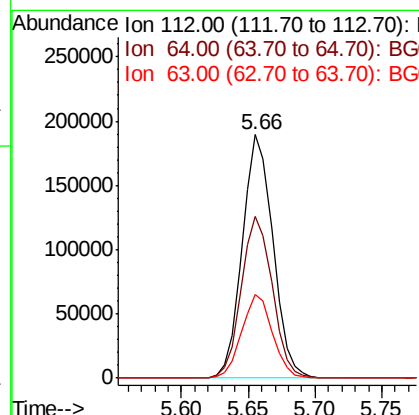
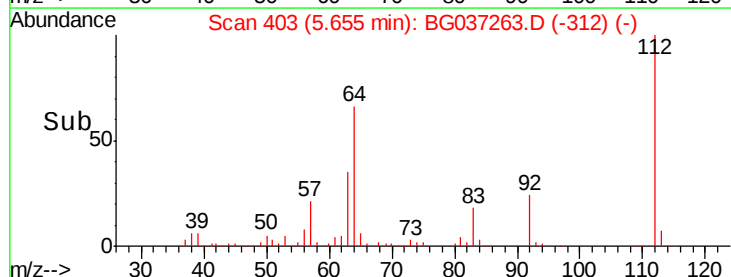


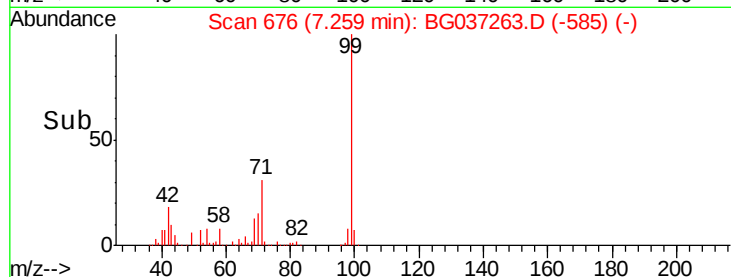
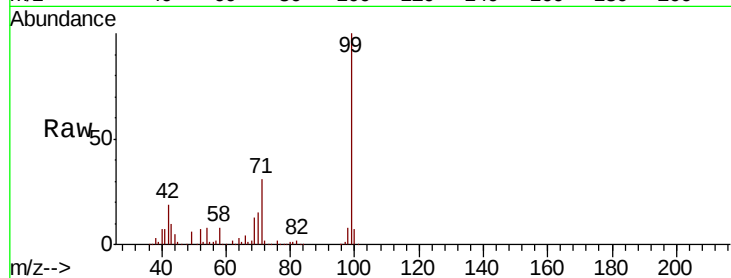
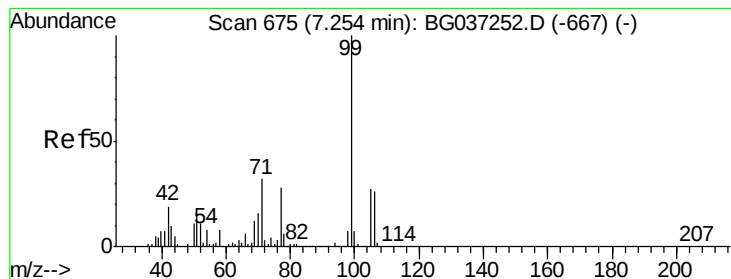
#5
 2-Fluorophenol
 Concen: 107.235 ng
 RT: 5.66 min Scan# 403
 Delta R.T. 0.01 min
 Lab File: BG037263.D
 Acq: 11 Oct 2018 18:40

Tgt Ion:112 Resp: 301425
 Ion Ratio Lower Upper
 112 100
 64 66.4 53.1 79.7
 63 34.5 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: 99.184 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

Instrument :

BNA_G

ClientSampleId :

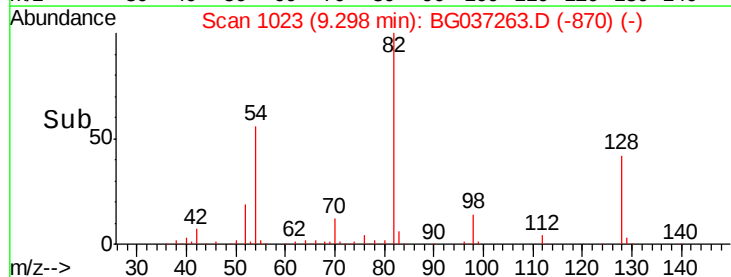
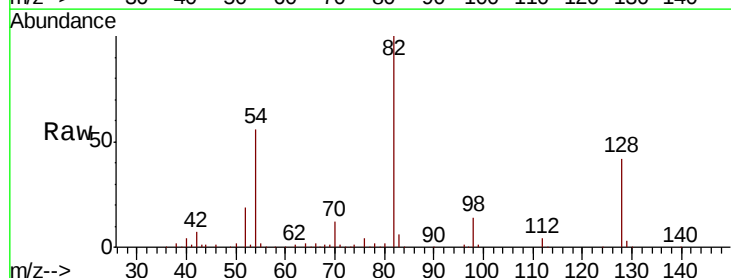
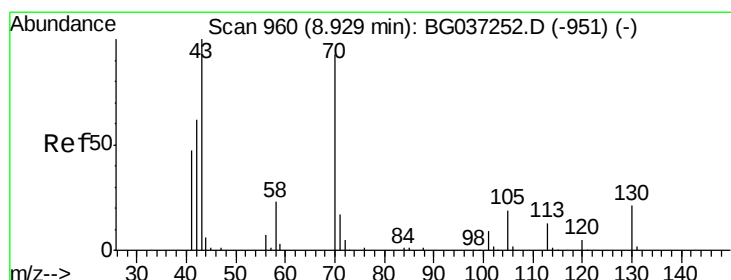
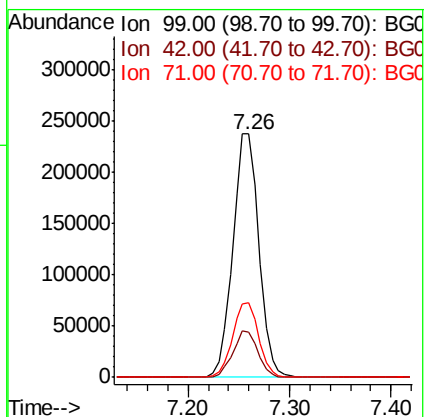
Tgt Ion: 99 Resp: 423167

Ion Ratio Lower Upper

99 100

42 18.5 15.0 22.4

71 30.8 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 8.478 ng

RT: 9.30 min Scan# 1023

Delta R.T. 0.37 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

Tgt Ion: 70 Resp: 27385

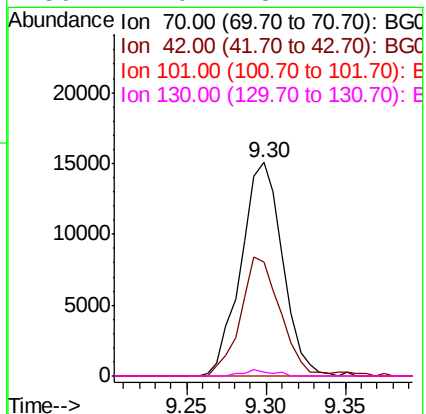
Ion Ratio Lower Upper

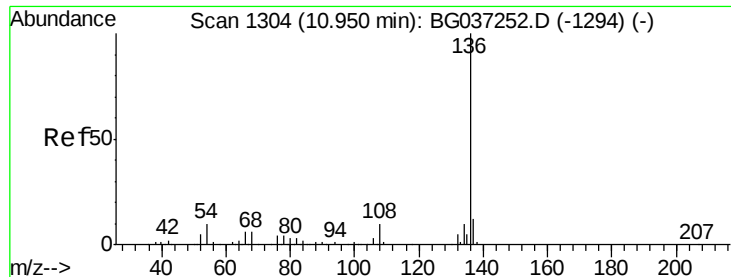
70 100

42 53.4 53.9 80.9#

101 0.0 8.2 12.2#

130 2.0 18.2 27.4#

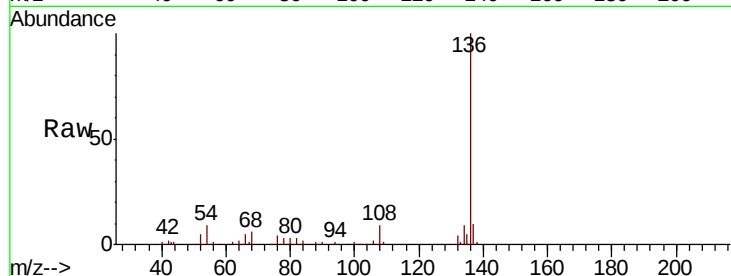




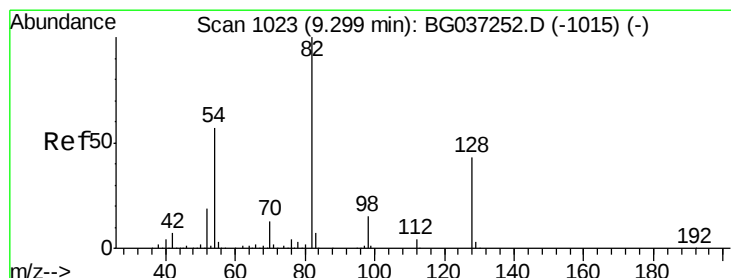
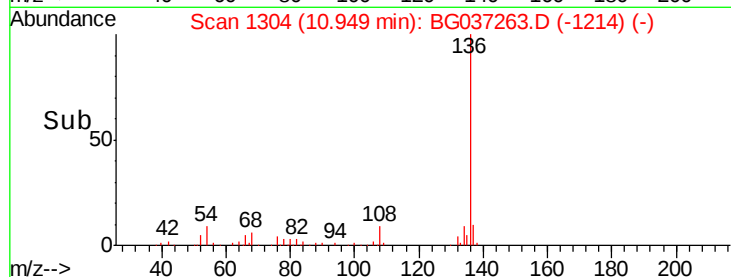
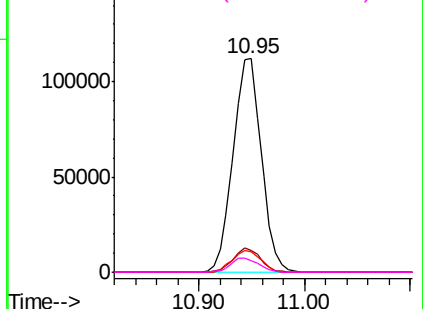
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG037263.D
Acq: 11 Oct 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	136	Resp:	206532
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	9.4	7.9	11.9
68	5.7	4.8	7.2

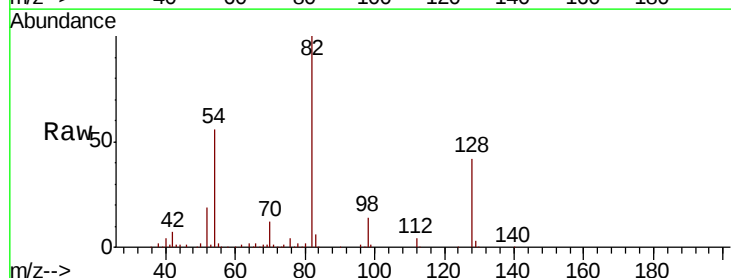


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

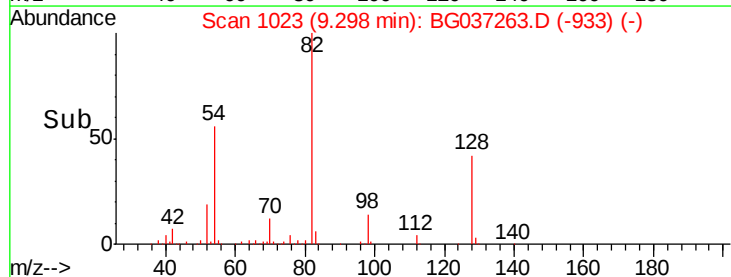
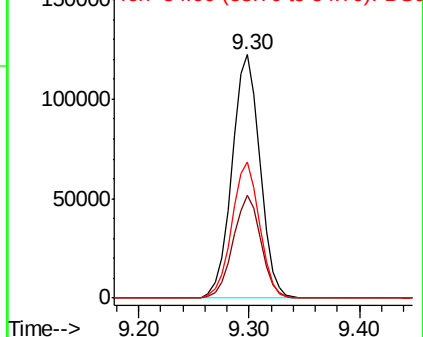


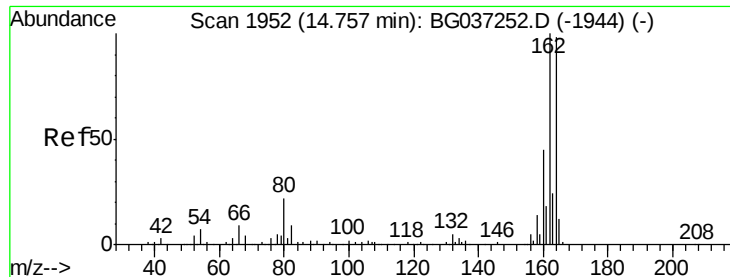
#23
Nitrobenzene-d5
Concen: 69.466 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG037263.D
Acq: 11 Oct 2018 18:40

Tgt Ion:	82	Resp:	218221
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	55.9	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: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

Instrument :

BNA_G

ClientSampled :

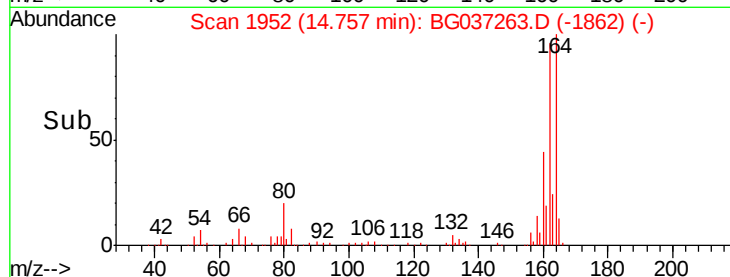
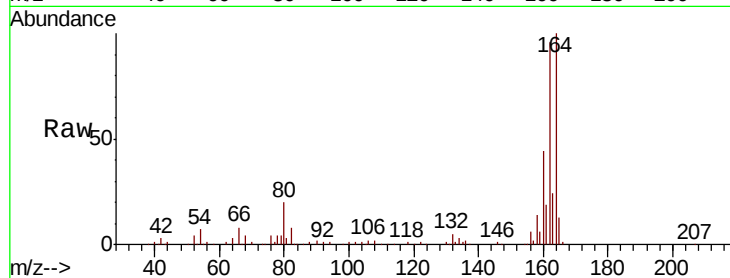
Tgt Ion:164 Resp: 137064

Ion Ratio Lower Upper

164 100

162 95.9 81.3 121.9

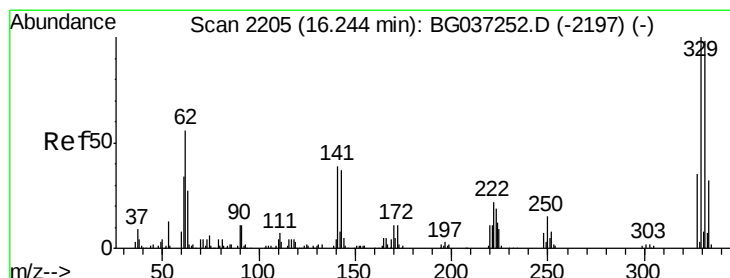
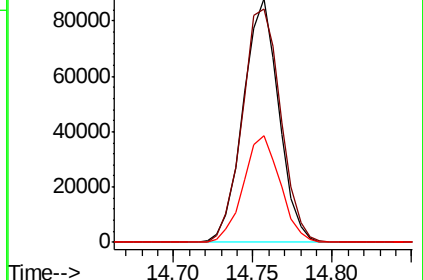
160 43.9 36.3 54.5



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: 103.347 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

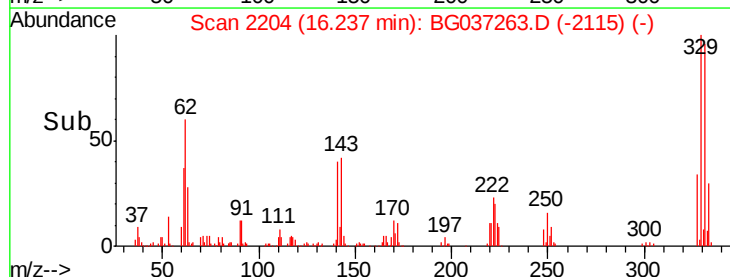
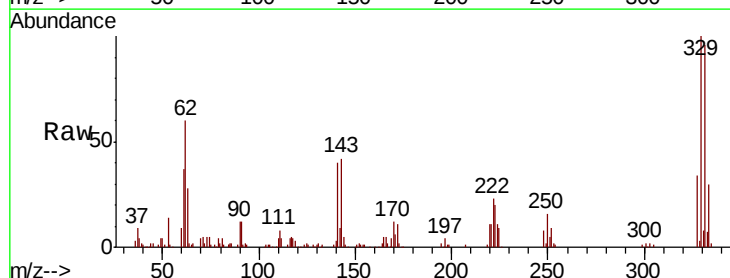
Tgt Ion:330 Resp: 138921

Ion Ratio Lower Upper

330 100

332 96.1 78.4 117.6

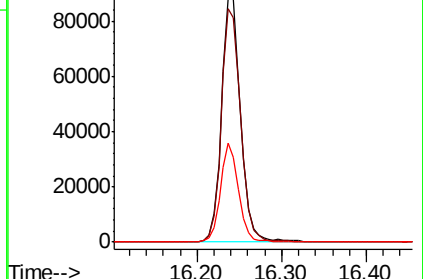
141 37.8 32.2 48.2

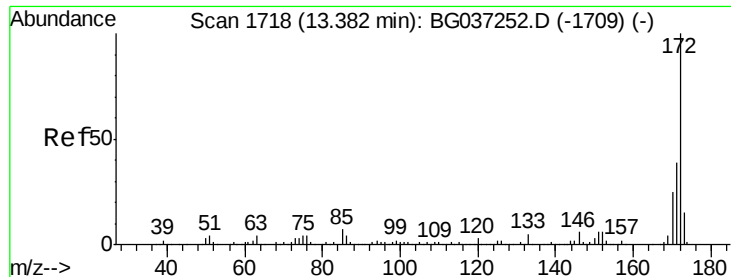


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

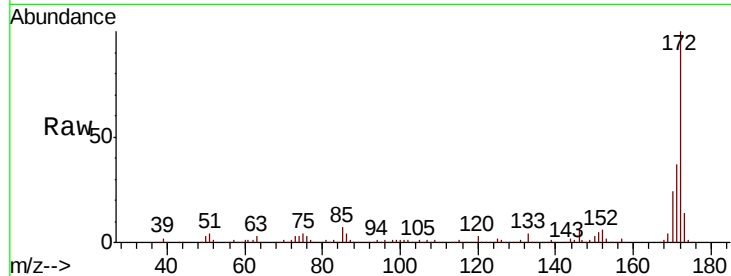




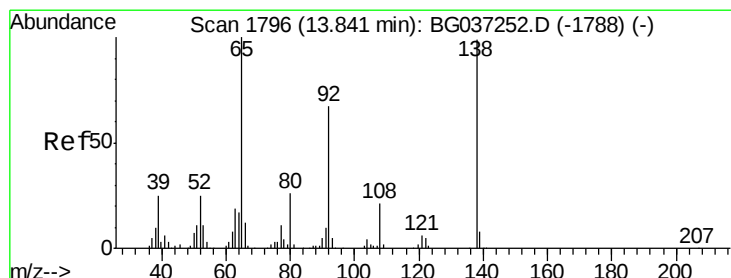
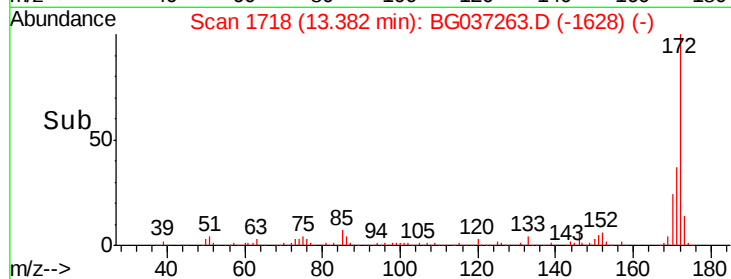
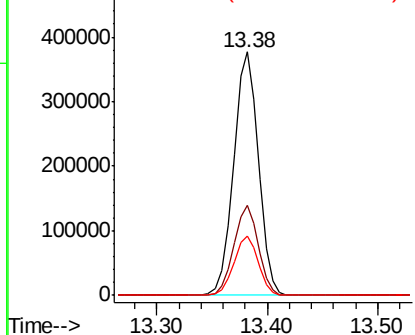
#45
2-Fluorobiphenyl
Concen: 64.792 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG037263.D
Acq: 11 Oct 2018 18:40

Instrument :
BNA_G
ClientSampled :

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.0	46.4
170	24.5	20.2	30.2

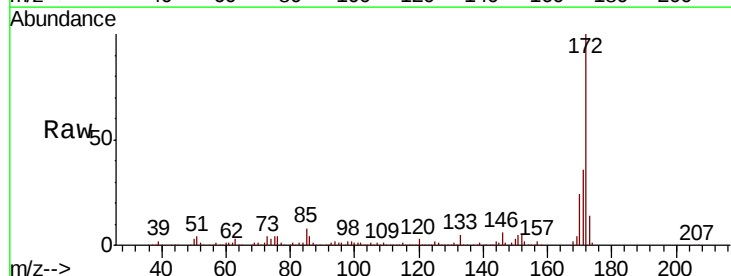


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

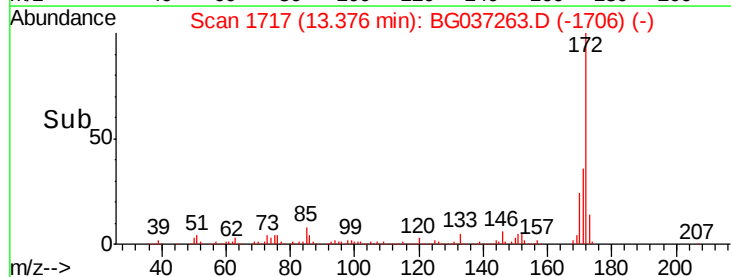
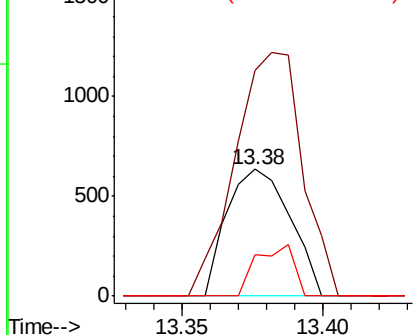


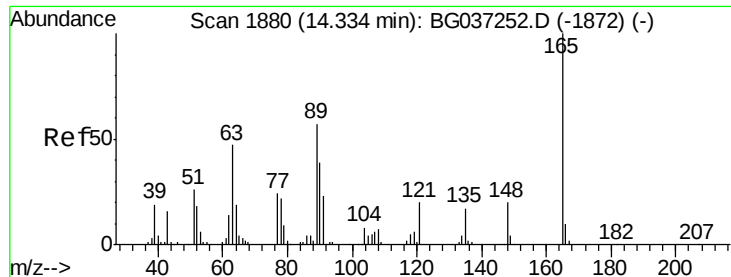
#48
2-Nitroaniline
Concen: 6.131 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.46 min
Lab File: BG037263.D
Acq: 11 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	177.6	53.2	79.8#
138	32.6	79.3	118.9#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#51

2,6-Dinitrotoluene

Concen: 12.419 ng

RT: 14.76 min Scan# 1952

Delta R.T. 0.42 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

Instrument :

BNA_G

ClientSampleId :

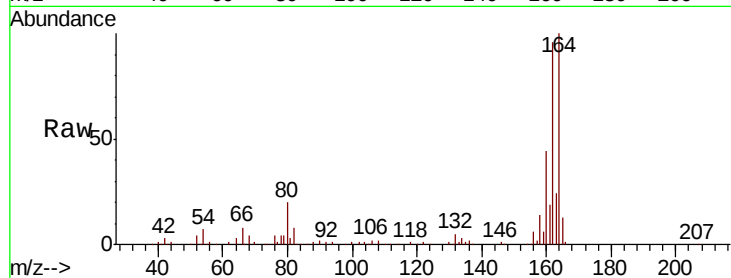
Tgt Ion:165 Resp: 17691

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

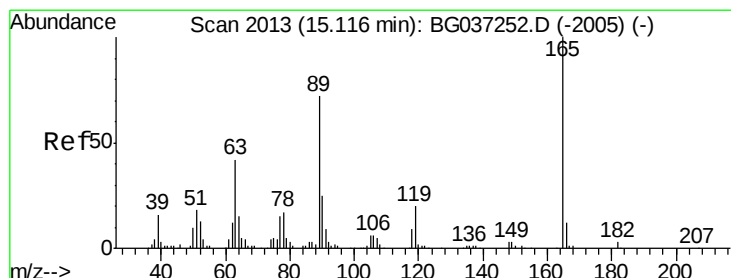
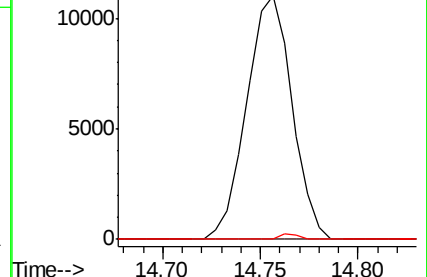
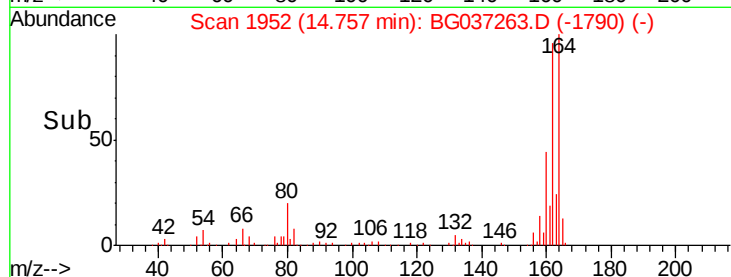
89 0.0 45.8 68.6#



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: 11.271 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.36 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

Tgt Ion:165 Resp: 17691

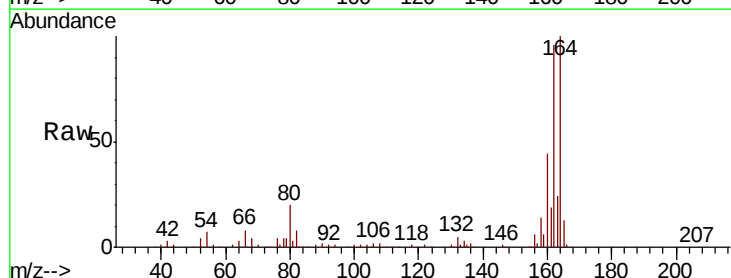
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

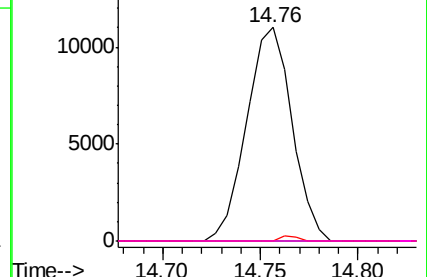
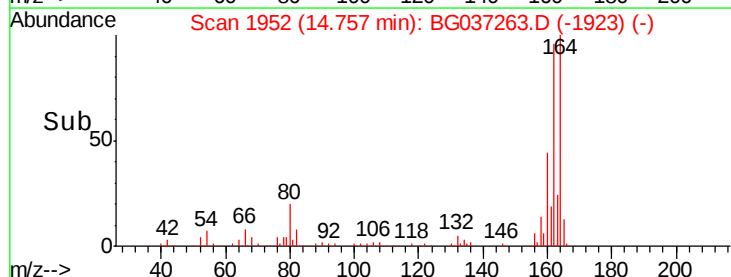


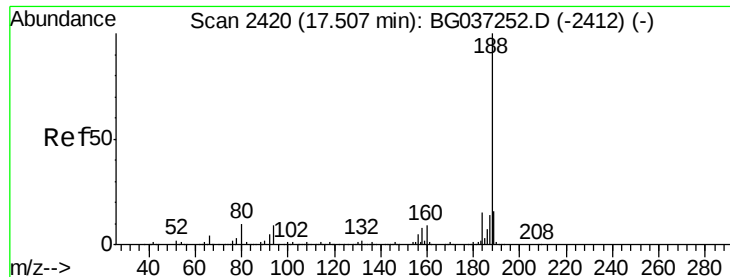
Abundance Ion 165.00 (164.70 to 165.70): E

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

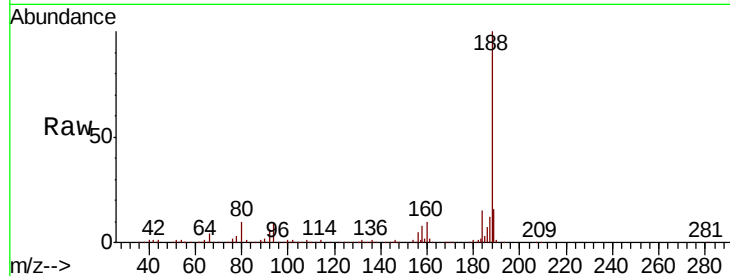




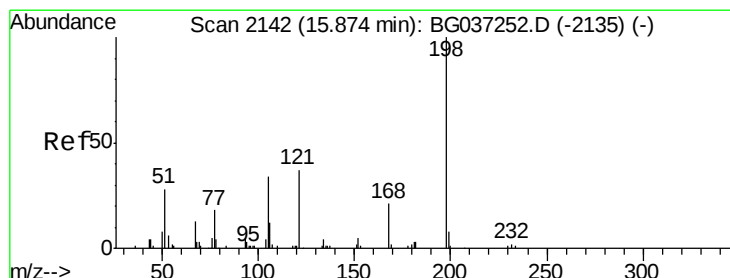
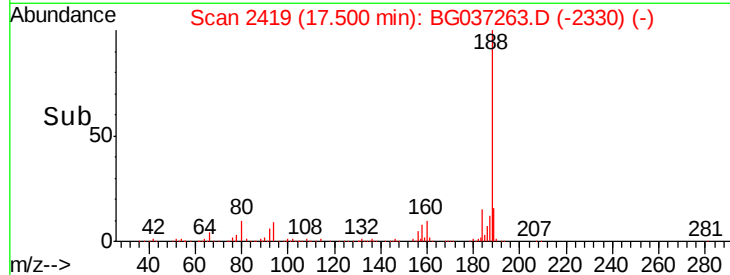
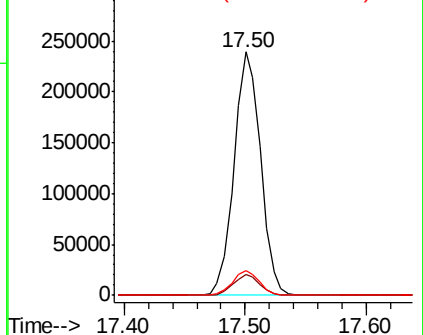
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG037263.D
Acq: 11 Oct 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 365690
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.2 7.7 11.5

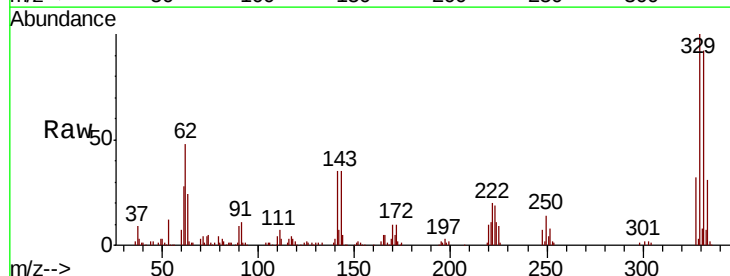


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

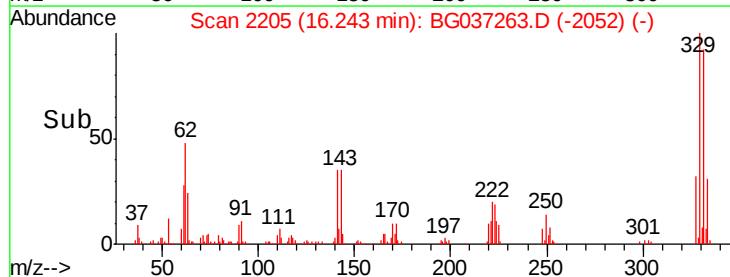
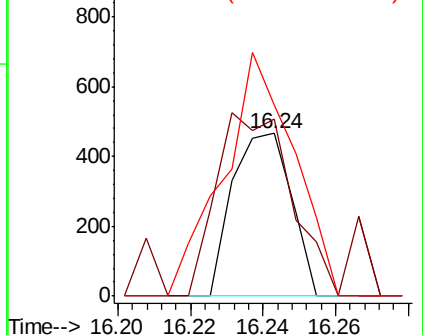


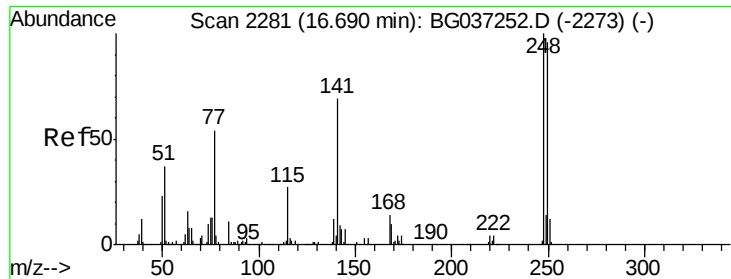
#65
4,6-Dinitro-2-methylphenol
Concen: 6.348 ng
RT: 16.24 min Scan# 2205
Delta R.T. 0.37 min
Lab File: BG037263.D
Acq: 11 Oct 2018 18:40

Tgt Ion:198 Resp: 526
Ion Ratio Lower Upper
198 100
51 26.9 22.7 62.7
105 28.9 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

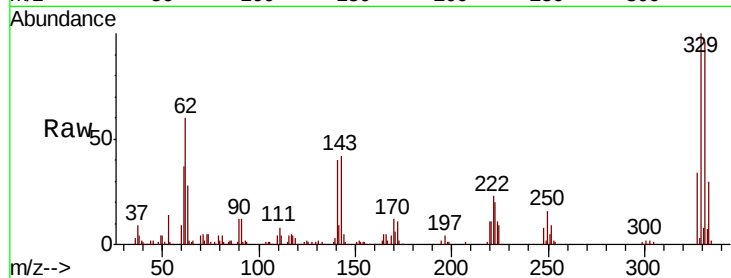




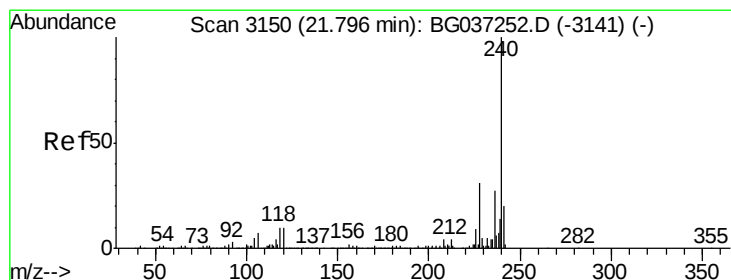
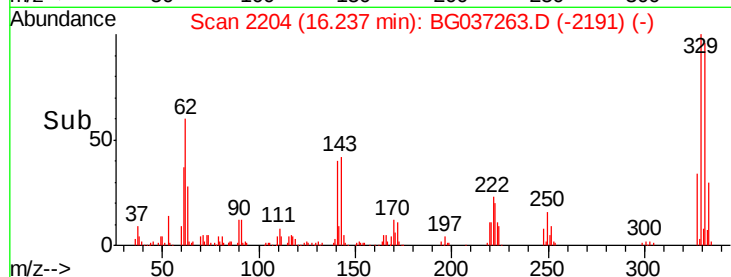
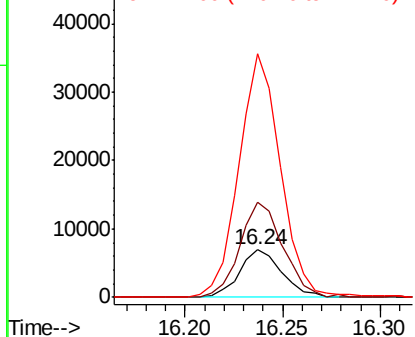
#67
4-Bromophenyl-phenylether
Concen: 2.623 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG037263.D
Acq: 11 Oct 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10353
Ion Ratio Lower Upper
248 100
250 200.7 77.0 115.6#
141 392.0 55.5 83.3#

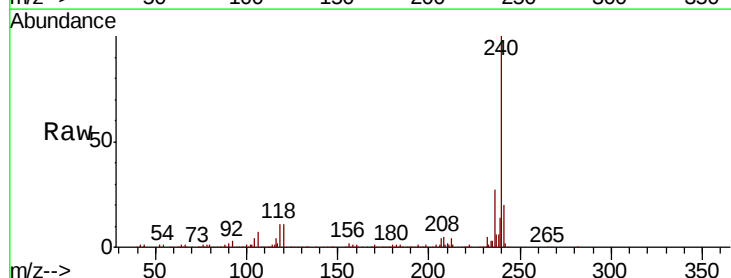


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

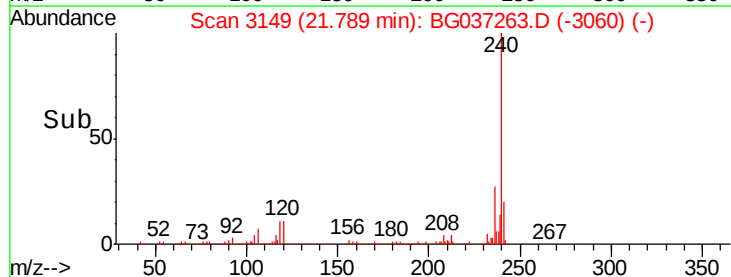
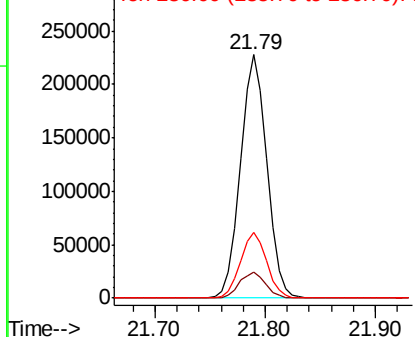


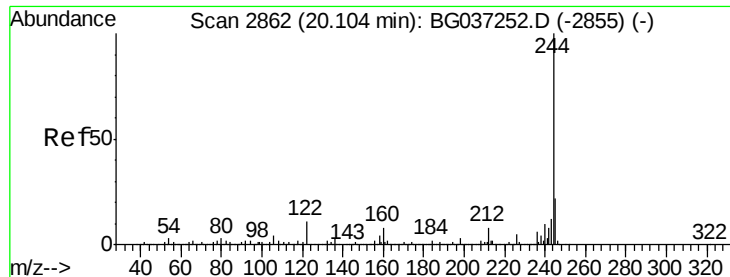
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG037263.D
Acq: 11 Oct 2018 18:40

Tgt Ion:240 Resp: 382699
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.8 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: 61.293 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

Instrument :

BNA_G

ClientSampleId :

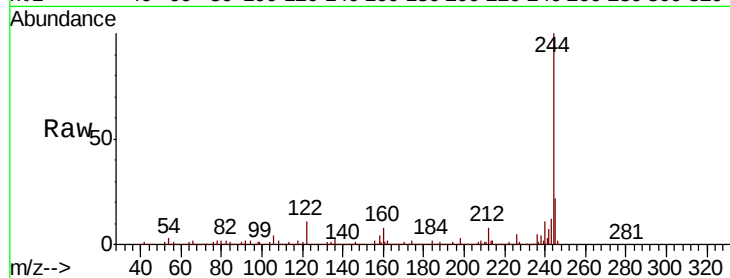
Tgt Ion:244 Resp: 1117123

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

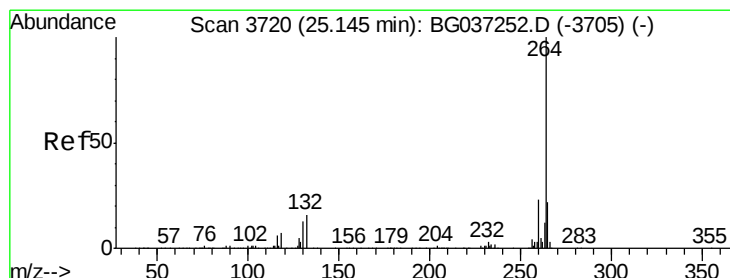
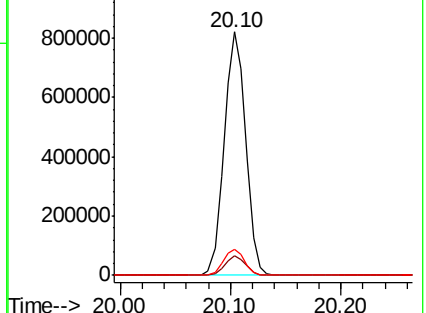
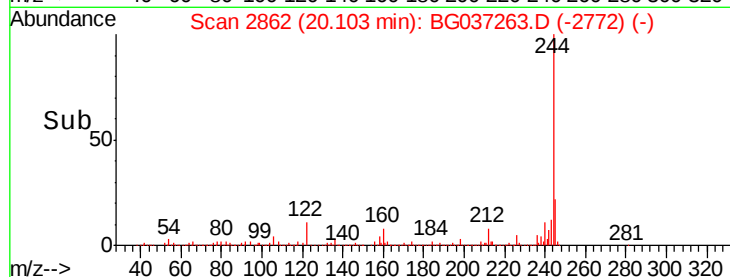
122 10.8 9.0 13.4



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: BG037263.D

Acq: 11 Oct 2018 18:40

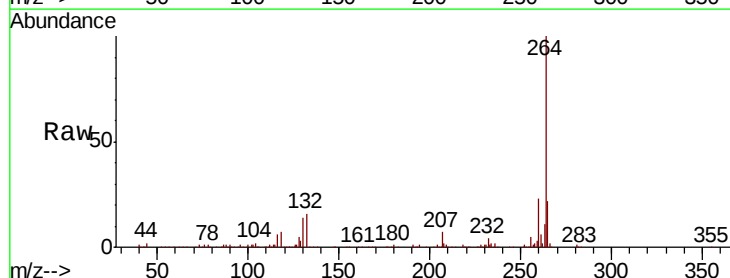
Tgt Ion:264 Resp: 378596

Ion Ratio Lower Upper

264 100

260 22.5 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

