

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
 Data File : BG037304.D
 Acq On : 12 Oct 2018 23:34
 Operator : JU/SJ
 Sample : J5205-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-101118

Quant Time: Oct 13 00:17:47 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

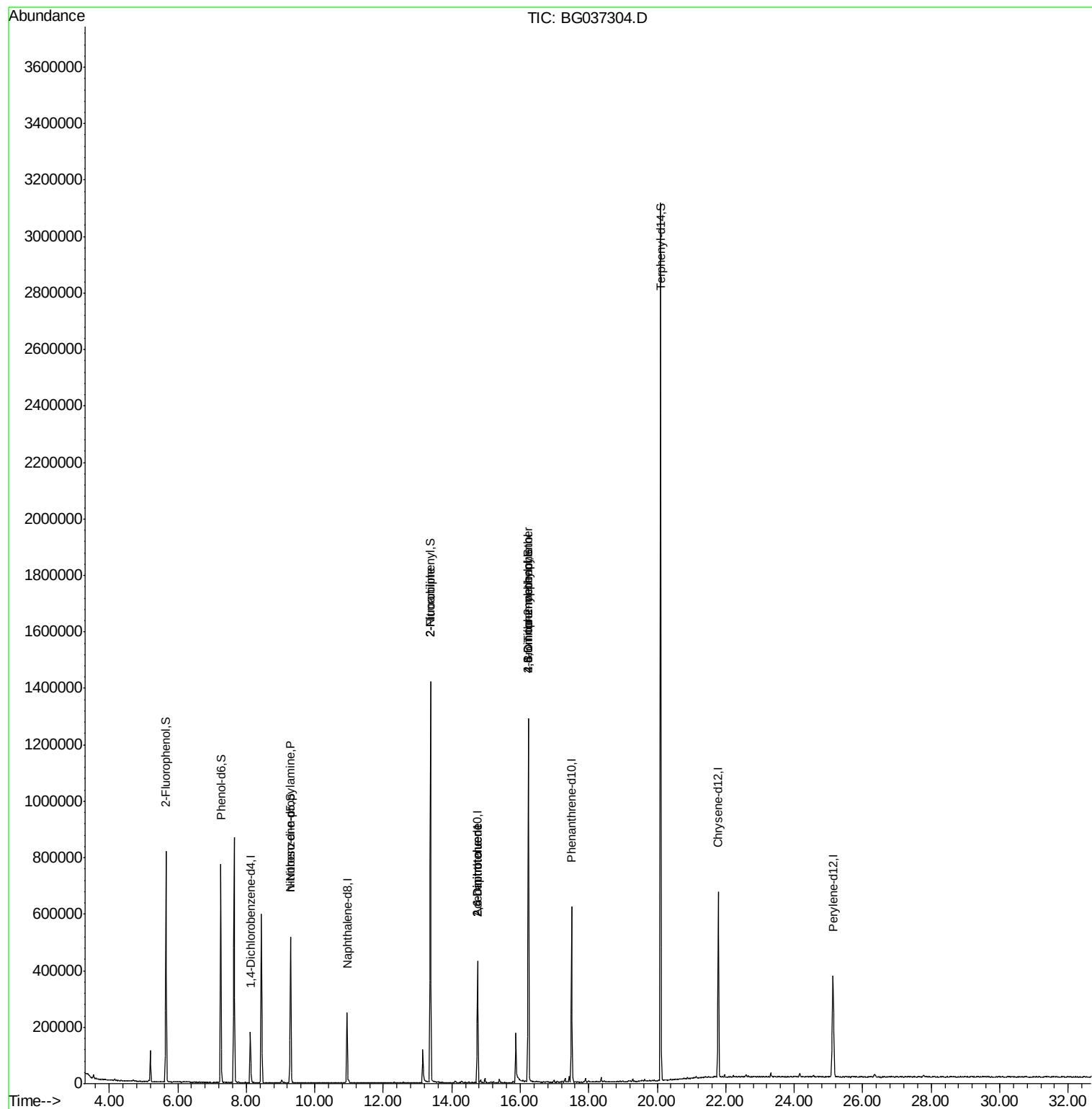
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	53248	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	224489	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	151880	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	398021	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	386415	20.00	ng	-0.01
87) Perylene-d12	25.13	264	390325	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	369088	121.99	ng	0.00
7) Phenol-d6	7.25	99	476604	103.78	ng	0.00
23) Nitrobenzene-d5	9.29	82	324897	95.15	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	234704	157.57	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	756588	74.81	ng	0.00
79) Terphenyl-d14	20.10	244	1454085	79.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	40175	11.555	ng	# 70
48) 2-Nitroaniline	13.38	65	1333	6.214	ng	# 5
51) 2,6-Dinitrotoluene	14.75	165	19989	12.568	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	19989	11.388	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	668	6.415	ng	82
67) 4-Bromophenyl-phenylether	16.23	248	17944	4.177	ng	# 1

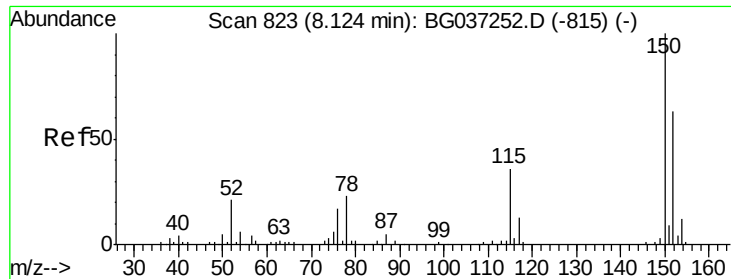
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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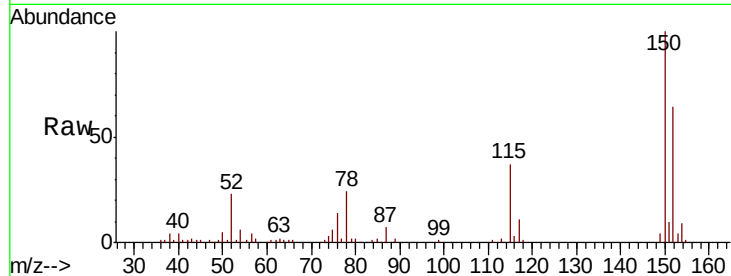


#1

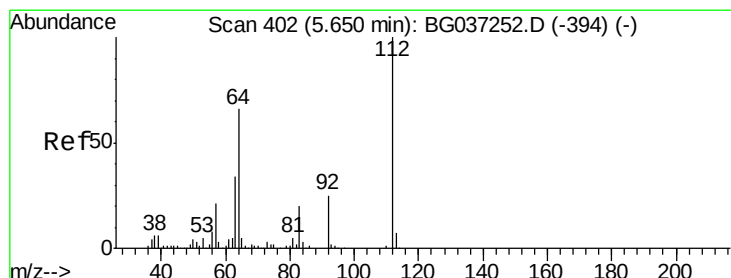
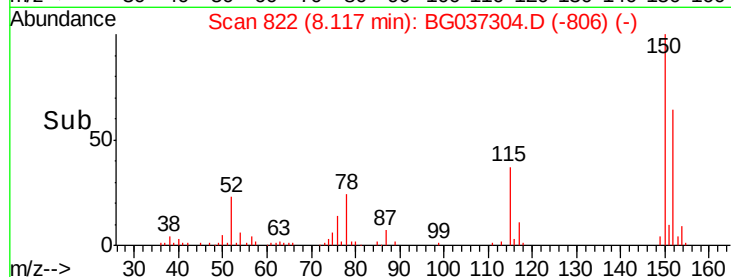
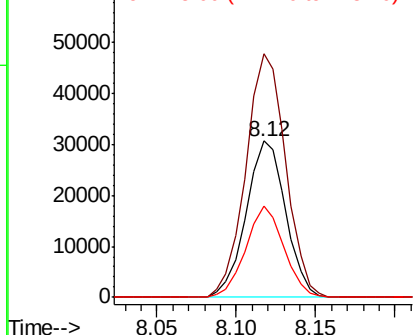
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Tgt Ion:152 Resp: 53248
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 58.0 45.5 68.3



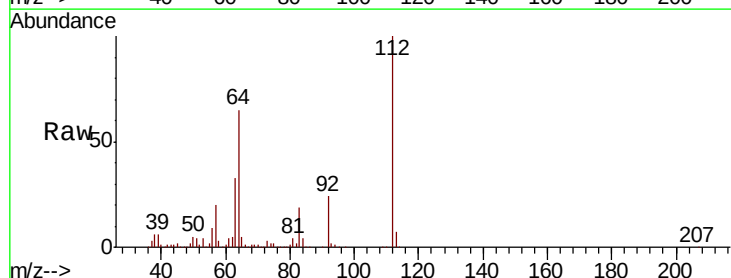
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



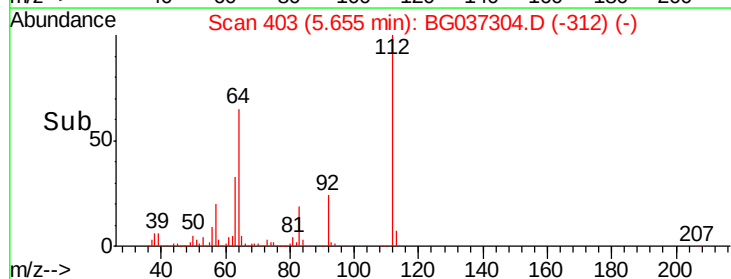
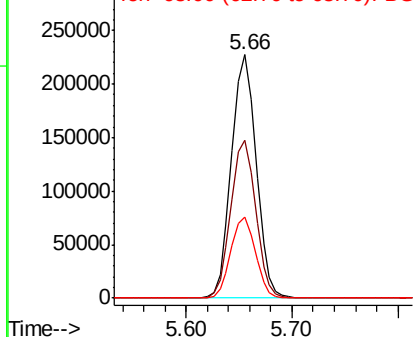
#5

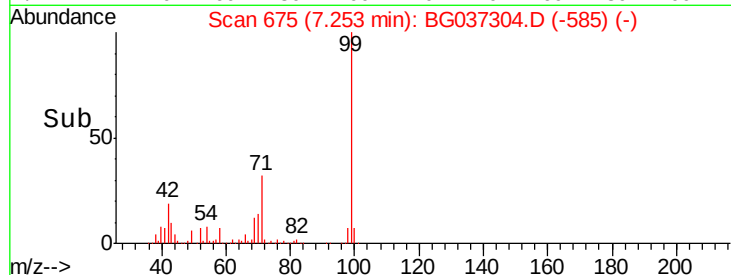
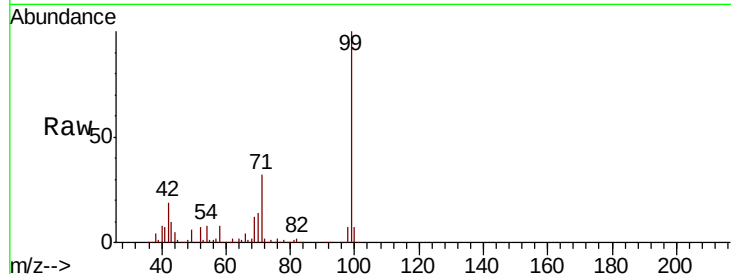
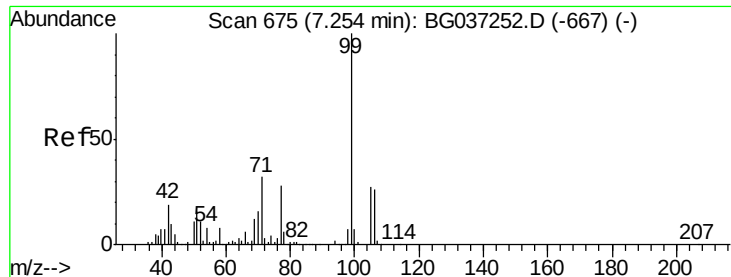
2-Fluorophenol
Concen: 121.988 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion:112 Resp: 369088
Ion Ratio Lower Upper
112 100
64 65.0 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 103.781 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

Instrument :

BNA_G

ClientSampleId :

TR-04-101118

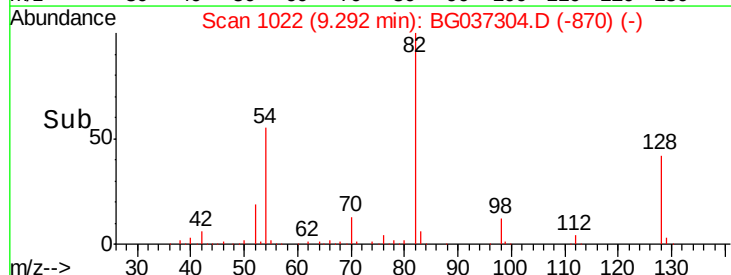
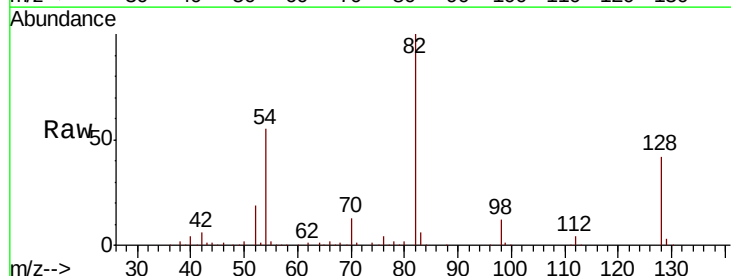
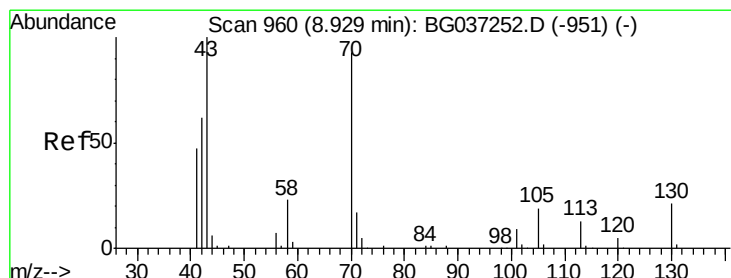
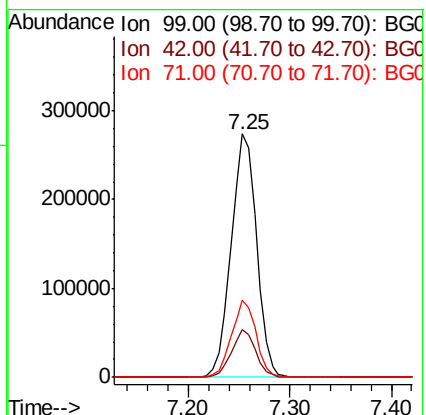
Tgt Ion: 99 Resp: 476604

Ion Ratio Lower Upper

99 100

42 19.4 15.0 22.4

71 31.8 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 11.555 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

Tgt Ion: 70 Resp: 40175

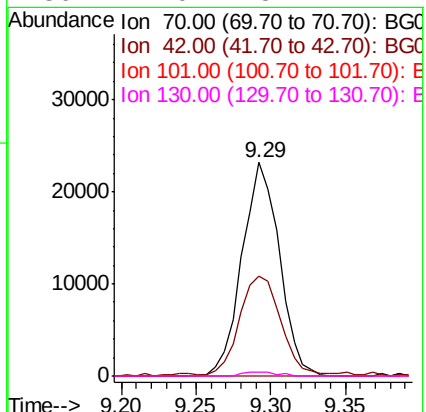
Ion Ratio Lower Upper

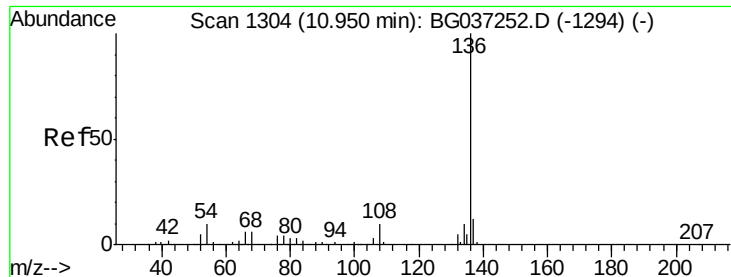
70 100

42 46.6 53.9 80.9#

101 0.0 8.2 12.2#

130 2.0 18.2 27.4#

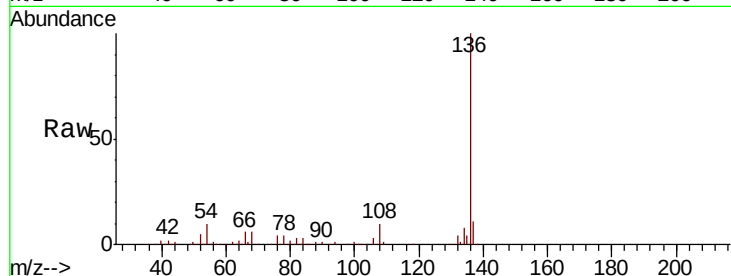




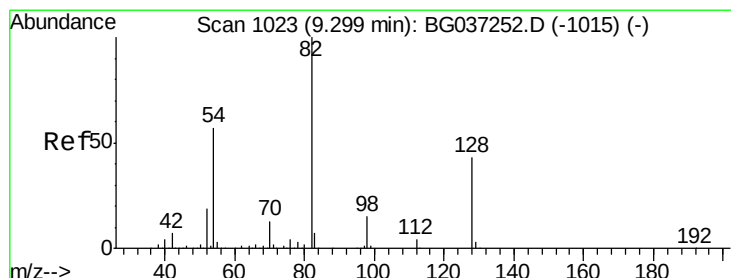
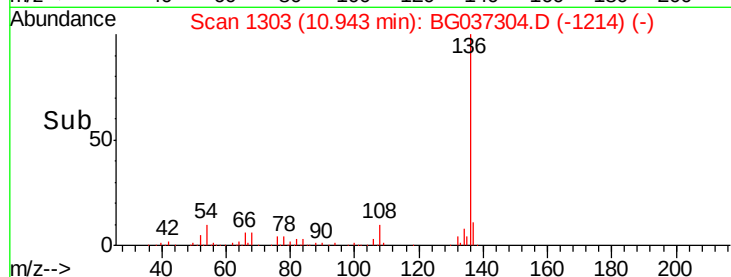
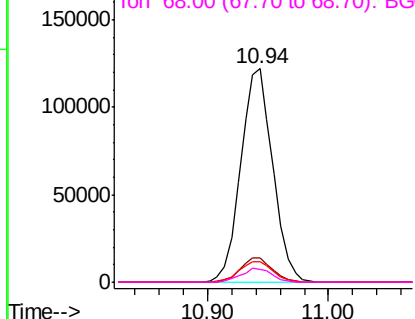
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Tgt Ion:	136	Resp:	224489
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.7	7.9	11.9
68	6.0	4.8	7.2

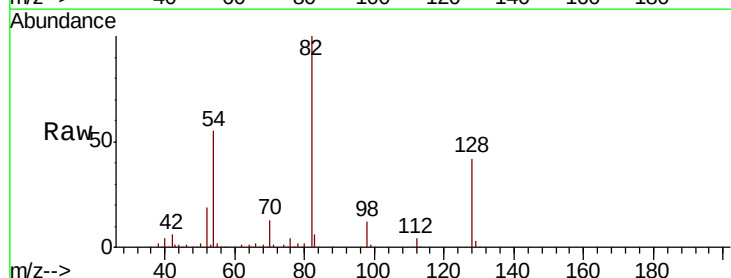


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

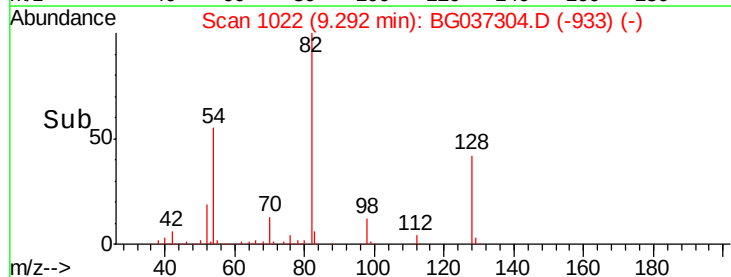
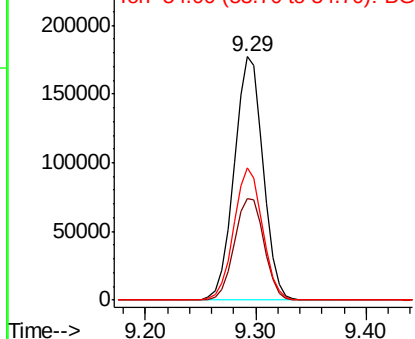


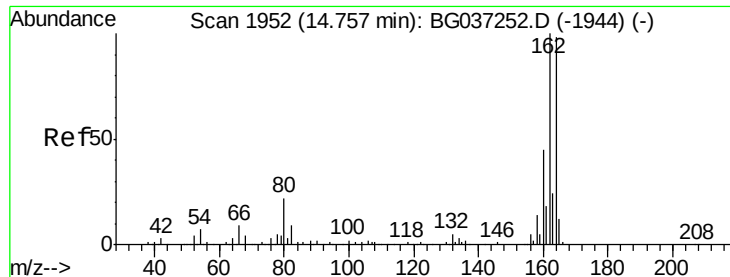
#23
Nitrobenzene-d5
Concen: 95.151 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion:	82	Resp:	324897
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	54.6	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: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

Instrument :

BNA_G

ClientSampleId :

TR-04-101118

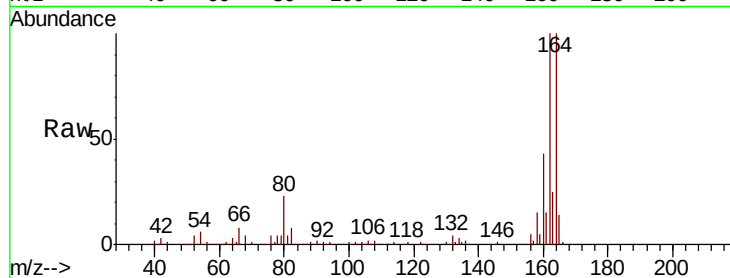
Tgt Ion:164 Resp: 151880

Ion Ratio Lower Upper

164 100

162 99.5 81.3 121.9

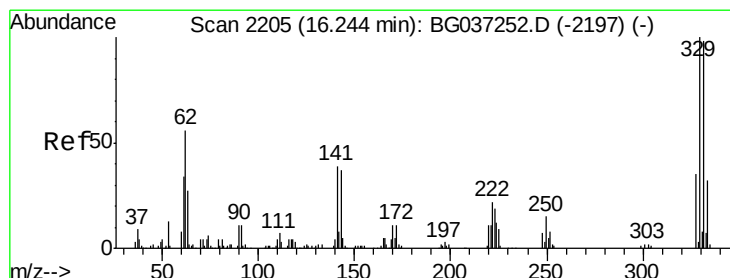
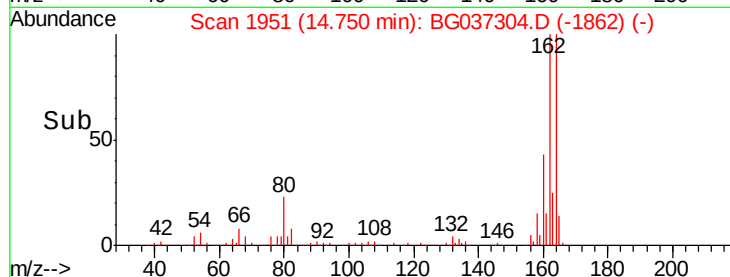
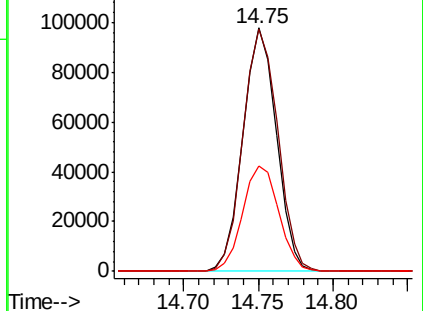
160 43.4 36.3 54.5



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: 157.570 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

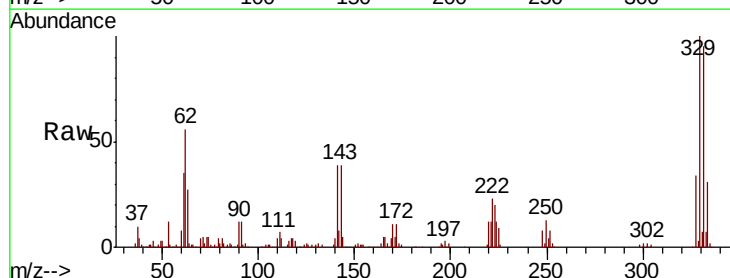
Tgt Ion:330 Resp: 234704

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

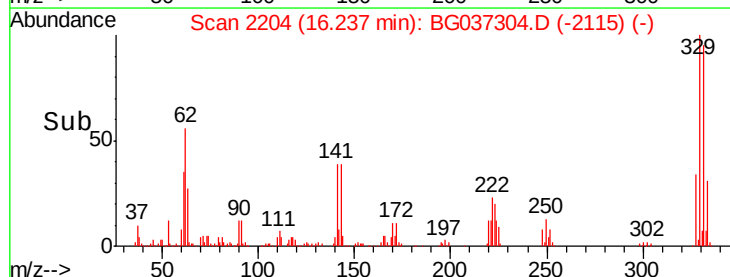
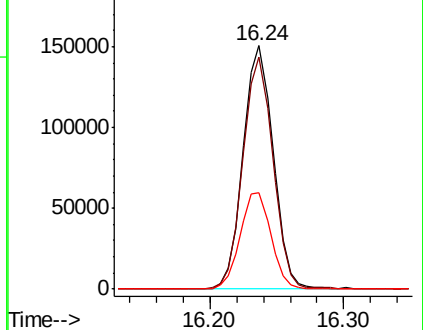
141 40.7 32.2 48.2

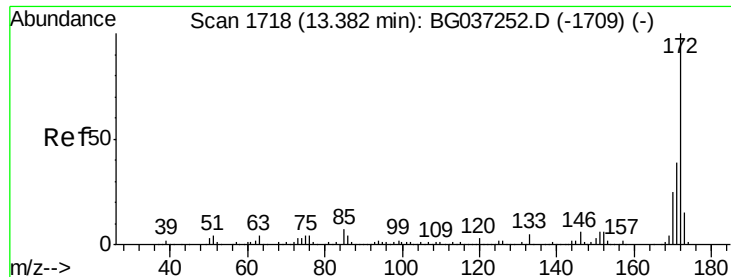


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

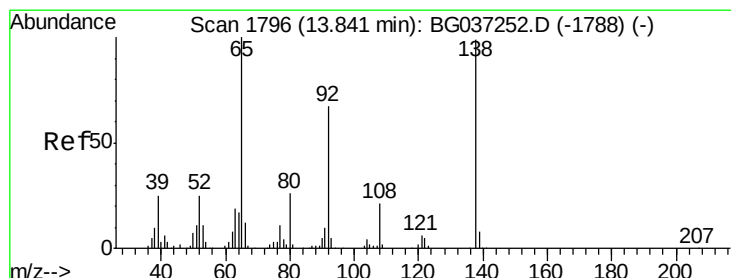
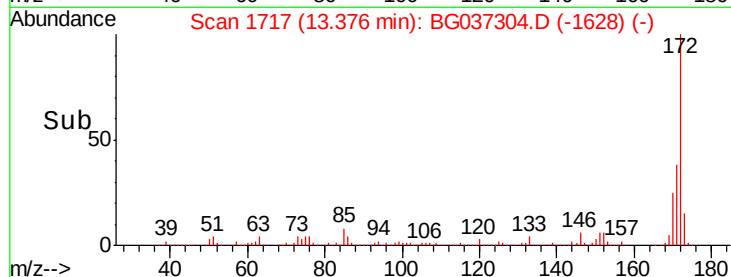
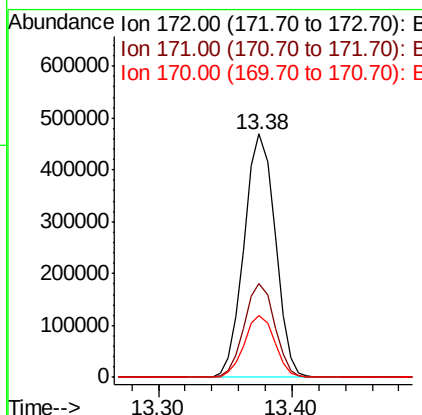
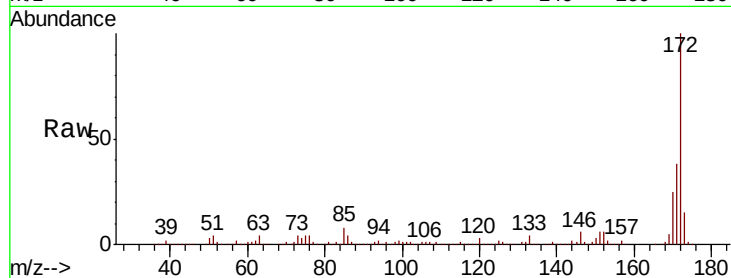




#45
 2-Fluorobiphenyl
 Concen: 74.810 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037304.D
 Acq: 12 Oct 2018 23:34

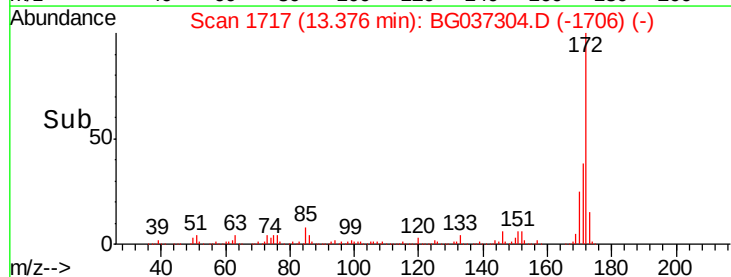
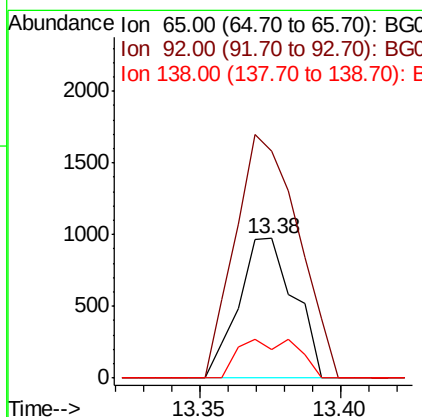
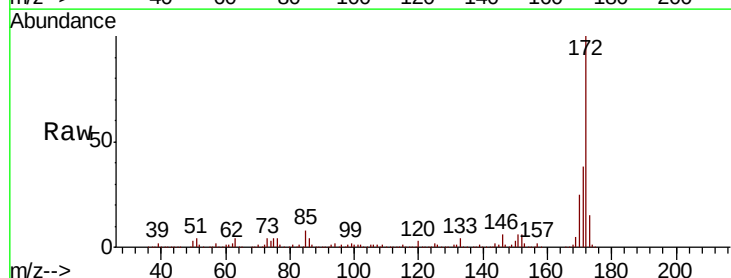
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-101118

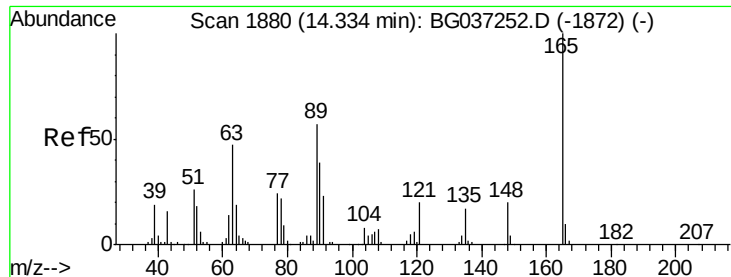
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.2	20.2	30.2



#48
 2-Nitroaniline
 Concen: 6.214 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.46 min
 Lab File: BG037304.D
 Acq: 12 Oct 2018 23:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	162.4	53.2	79.8#
138	20.6	79.3	118.9#





#51

2,6-Dinitrotoluene

Concen: 12.568 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.42 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

Instrument :

BNA_G

ClientSampleId :

TR-04-101118

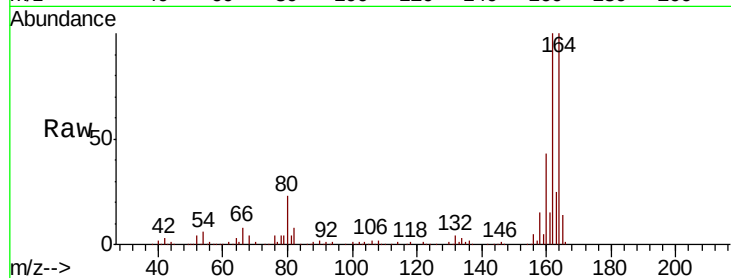
Tgt Ion:165 Resp: 19989

Ion Ratio Lower Upper

165 100

63 2.5 43.4 65.2#

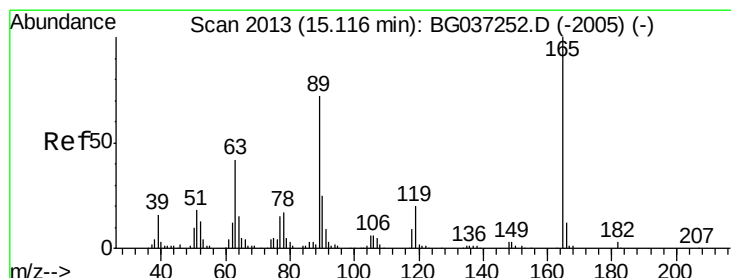
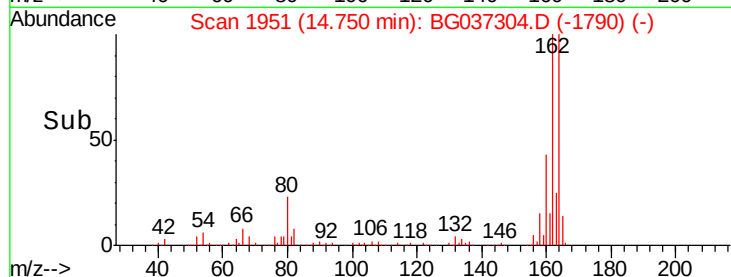
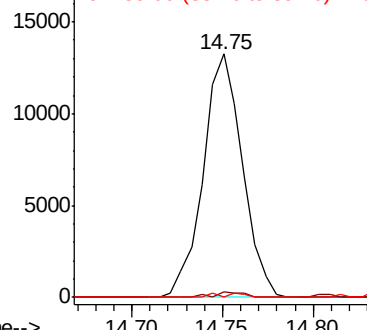
89 0.0 45.8 68.6#



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: 11.388 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.36 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

Tgt Ion:165 Resp: 19989

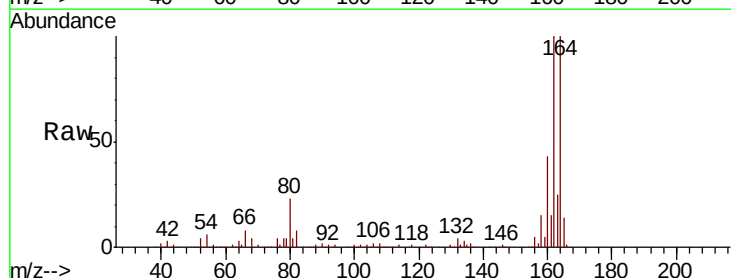
Ion Ratio Lower Upper

165 100

63 2.5 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

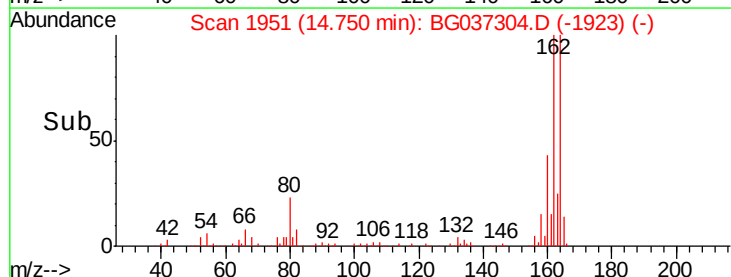
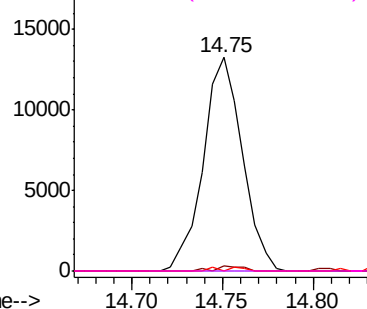


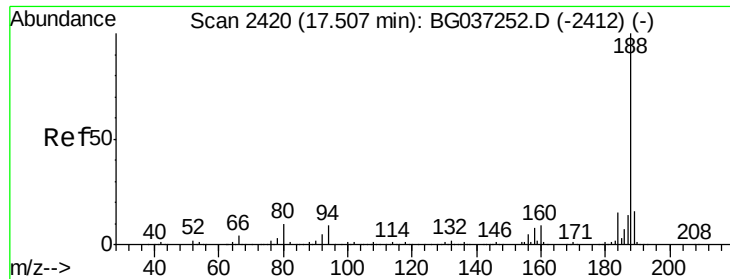
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.49 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

Instrument :

BNA_G

ClientSampleId :

TR-04-101118

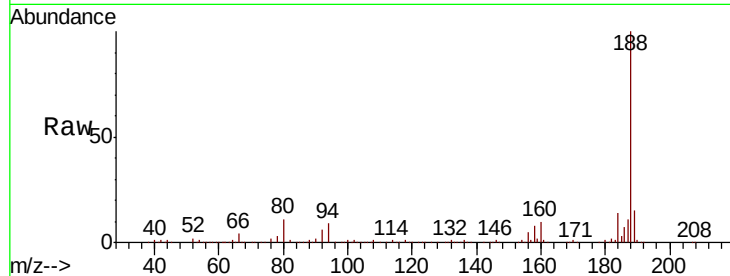
Tgt Ion:188 Resp: 398021

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

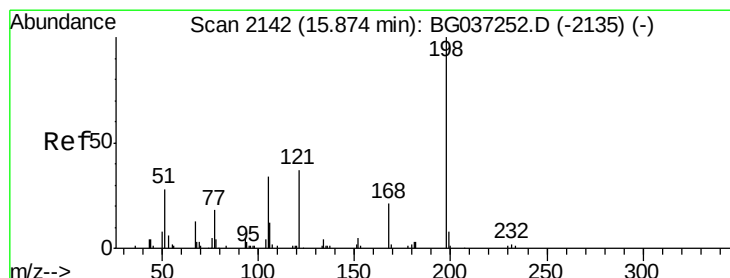
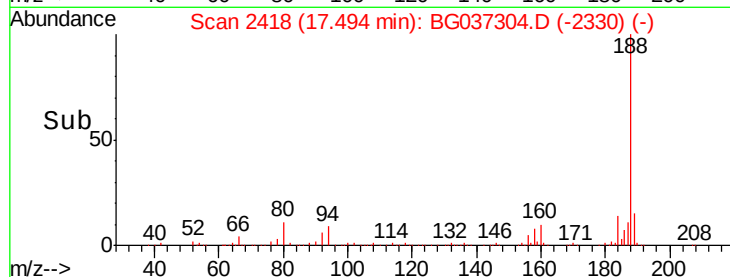
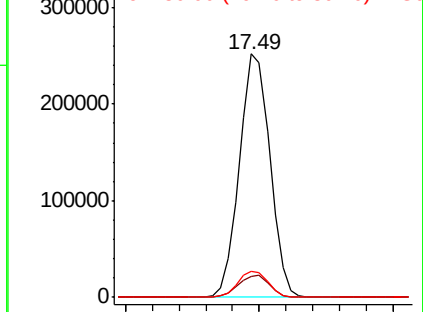
80 10.8 7.7 11.5



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: 6.415 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

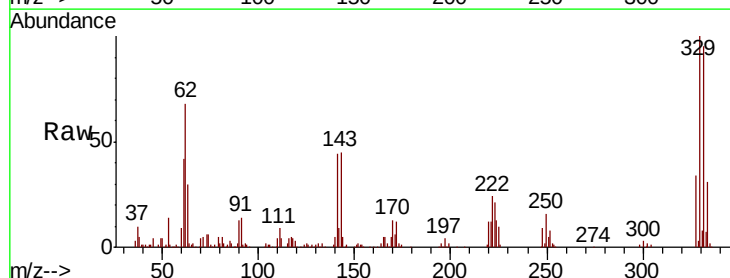
Tgt Ion:198 Resp: 668

Ion Ratio Lower Upper

198 100

51 23.2 22.7 62.7

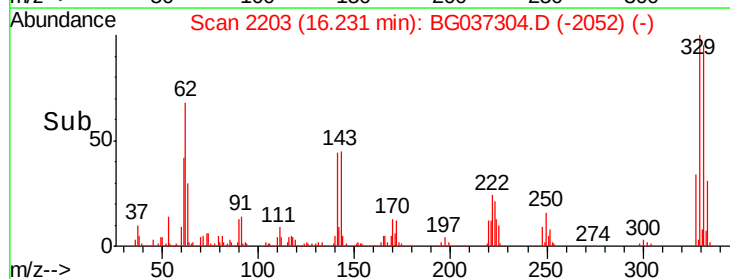
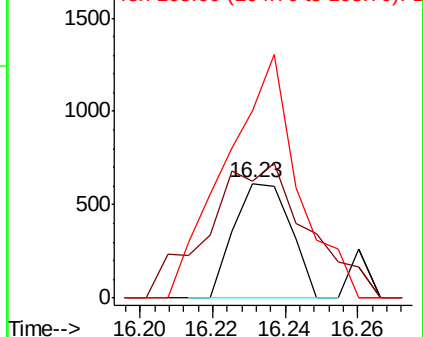
105 37.2 19.7 59.7

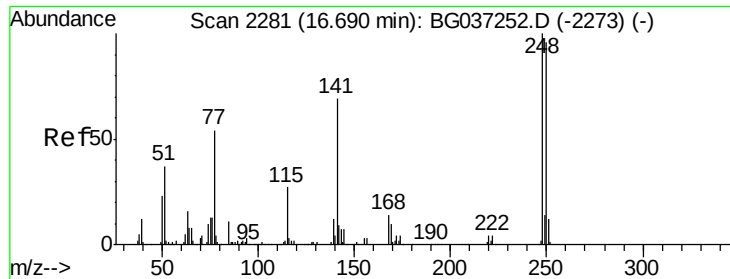


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

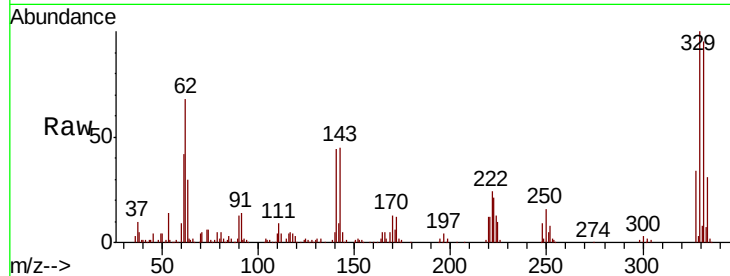




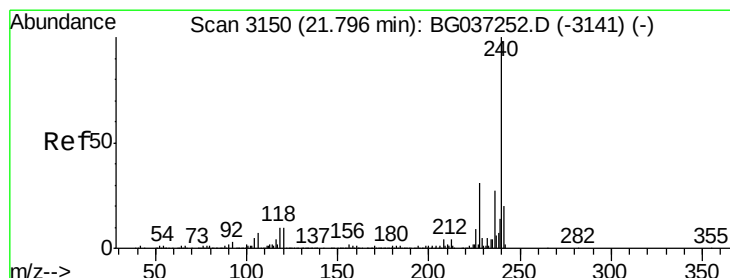
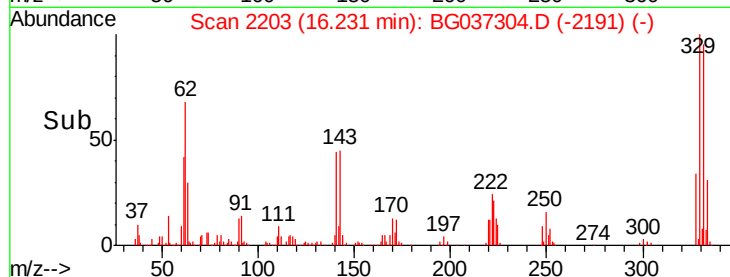
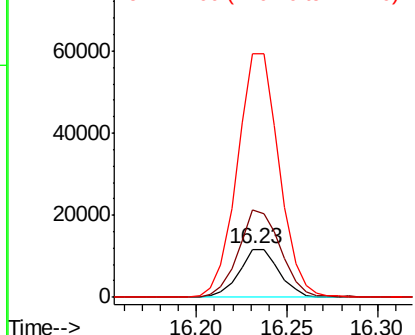
#67
4-Bromophenyl-phenylether
Concen: 4.177 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Tgt Ion:248 Resp: 17944
Ion Ratio Lower Upper
248 100
250 184.2 77.0 115.6#
141 395.6 55.5 83.3#

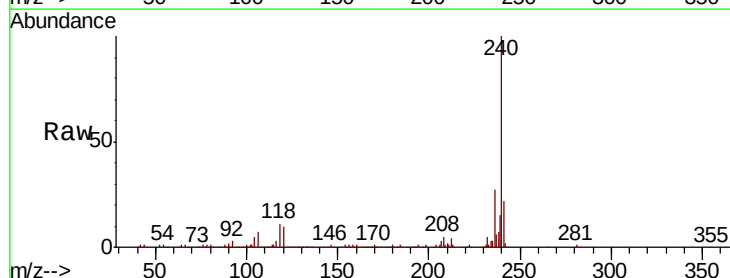


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

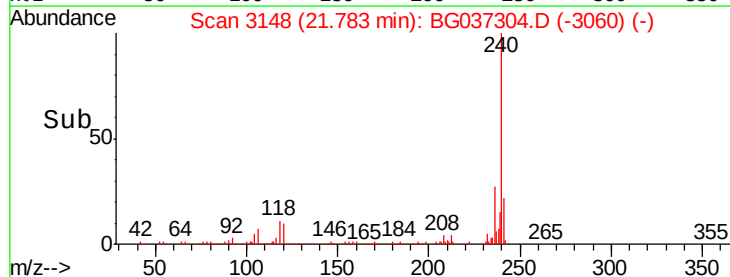
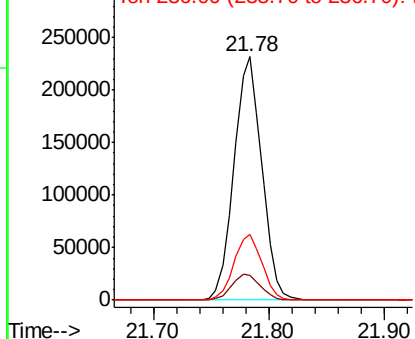


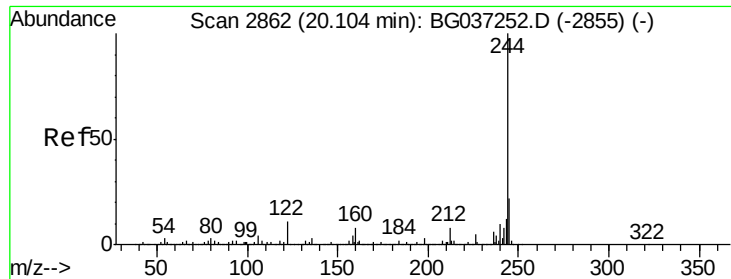
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion:240 Resp: 386415
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 27.1 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: 79.014 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

Instrument :

BNA_G

ClientSampleId :

TR-04-101118

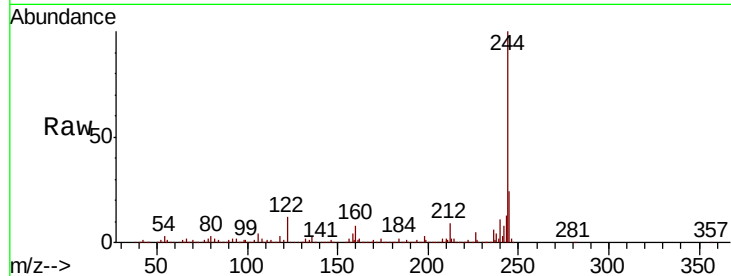
Tgt Ion:244 Resp: 1454085

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

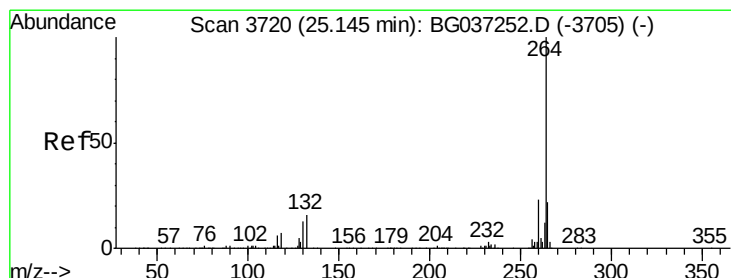
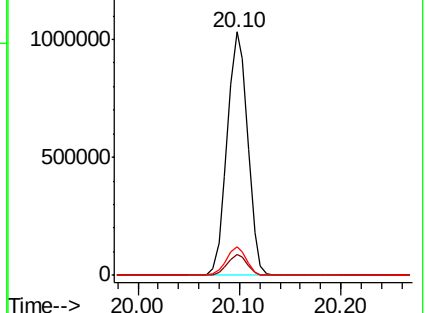
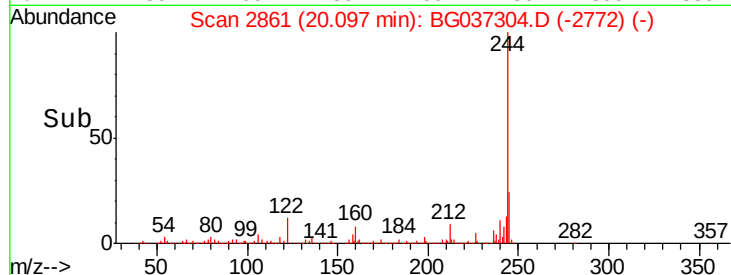
122 11.8 9.0 13.4



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: 25.13 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

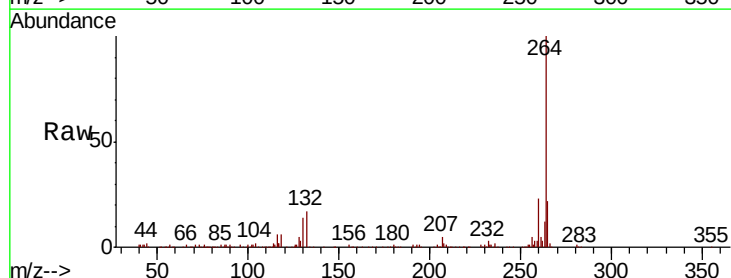
Tgt Ion:264 Resp: 390325

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 22.3 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

