

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
 Data File : BG037301.D
 Acq On : 12 Oct 2018 21:36
 Operator : JU/SJ
 Sample : J5193-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-101118

Quant Time: Oct 13 00:17:18 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

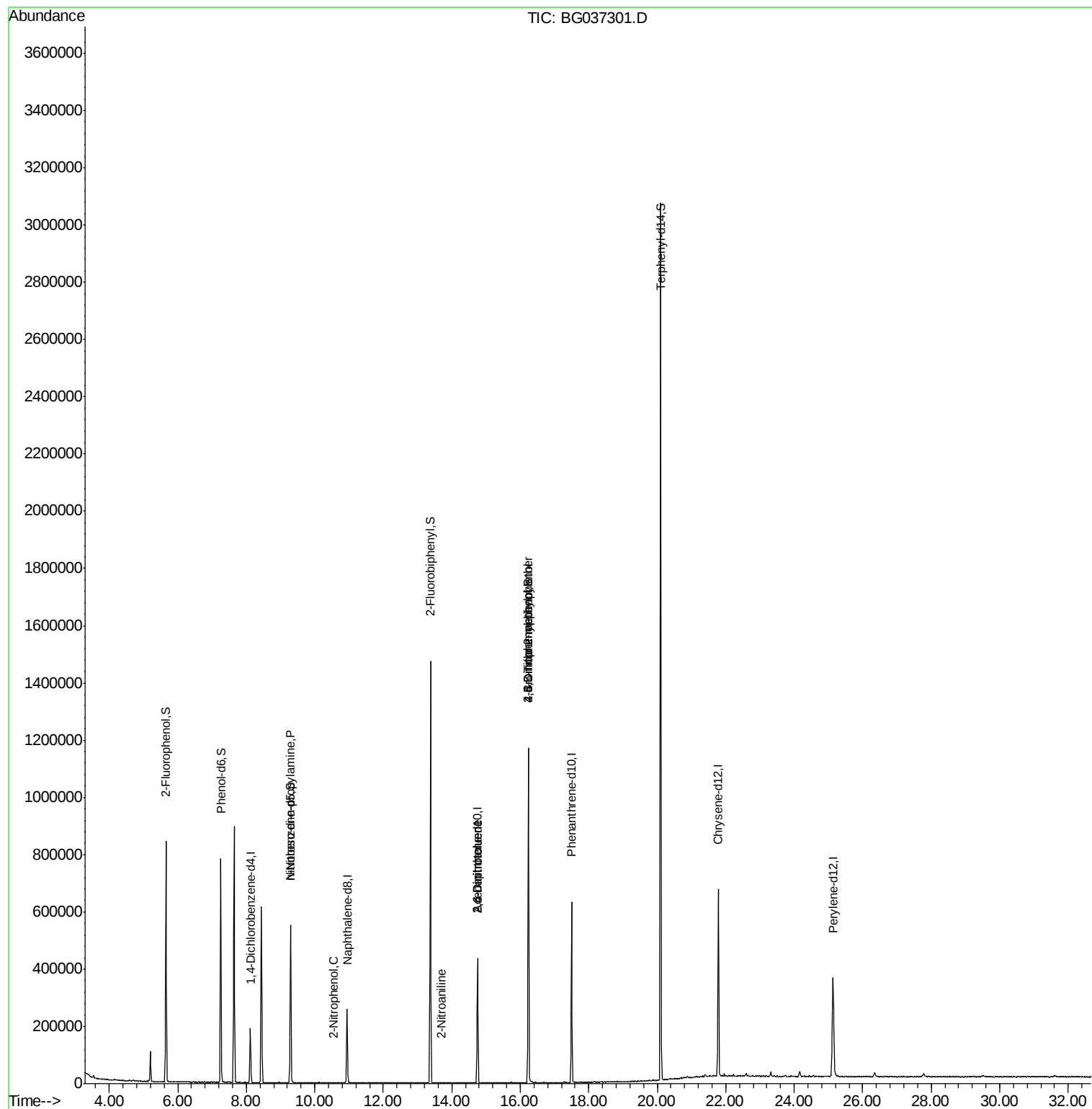
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56745	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	233808	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	154148	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	406936	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	392625	20.00	ng	-0.01
87) Perylene-d12	25.13	264	400112	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	376754	116.85	ng	0.00
7) Phenol-d6	7.25	99	493922	100.92	ng	0.00
23) Nitrobenzene-d5	9.29	82	334854	94.16	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	210333	139.13	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	786256	76.60	ng	0.00
79) Terphenyl-d14	20.10	244	1468785	78.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	41671	11.246	ng	# 78
26) 2-Nitrophenol	10.53	139	56	2.193	ng	# 34
48) 2-Nitroaniline	13.69	65	61	5.776	ng	# 7
51) 2,6-Dinitrotoluene	14.75	165	20484	12.643	ng	# 24
57) 2,4-Dinitrotoluene	14.75	165	20484	11.446	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	546	6.321	ng	98
67) 4-Bromophenyl-phenylether	16.24	248	16221	3.693	ng	# 1

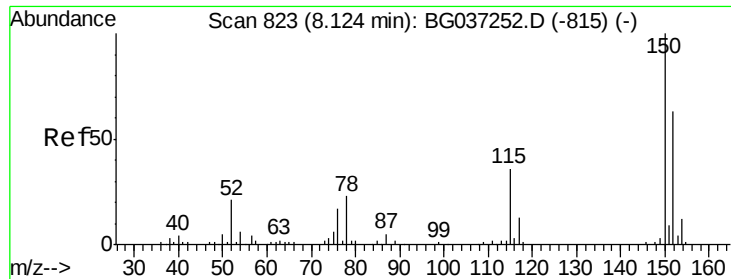
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
Data File : BG037301.D
Acq On : 12 Oct 2018 21:36
Operator : JU/SJ
Sample : J5193-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Quant Time: Oct 13 00:17:18 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



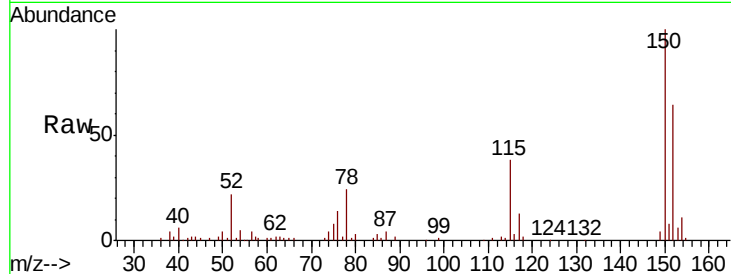


#1

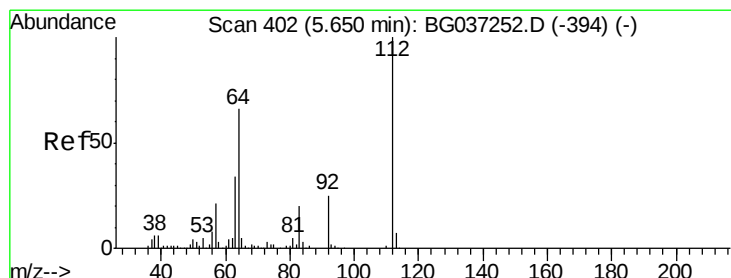
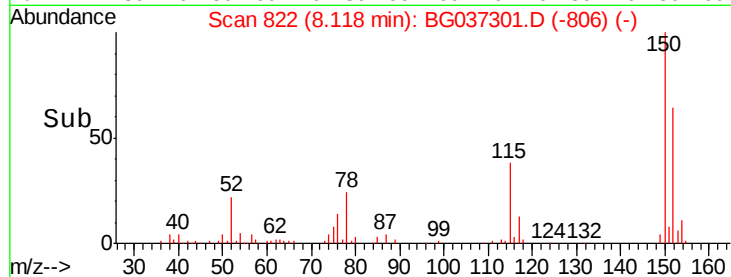
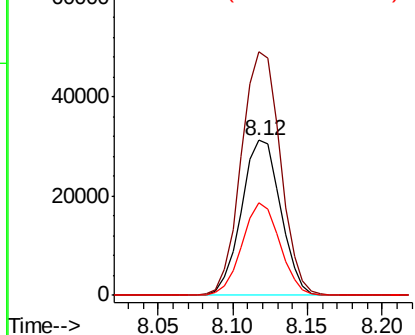
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tgt Ion:152 Resp: 56745
Ion Ratio Lower Upper
152 100
150 157.2 126.0 189.0
115 60.0 45.5 68.3



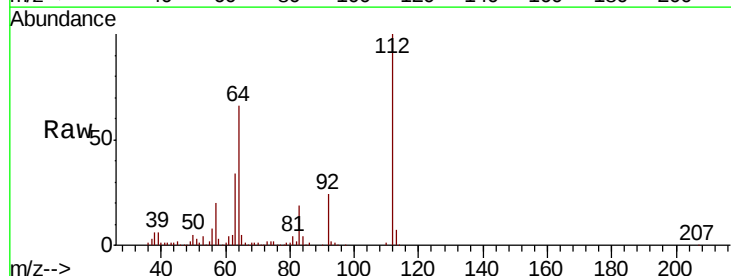
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



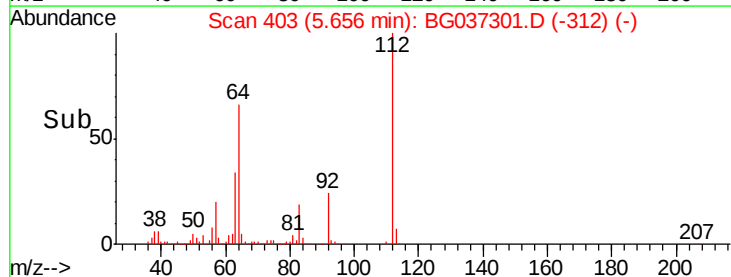
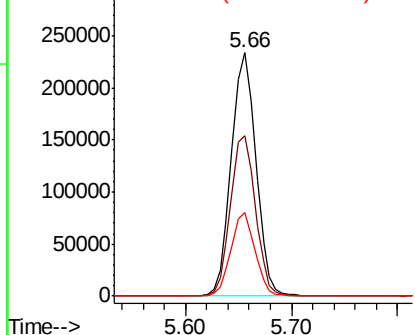
#5

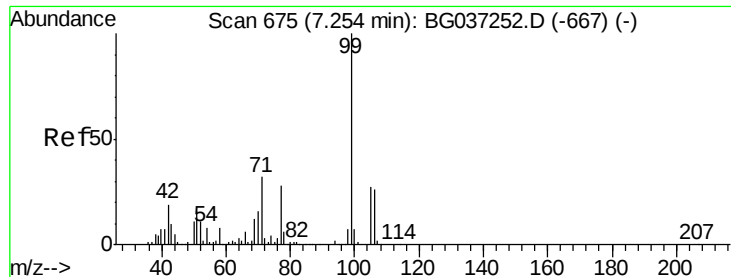
2-Fluorophenol
Concen: 116.848 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion:112 Resp: 376754
Ion Ratio Lower Upper
112 100
64 66.0 53.1 79.7
63 34.2 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: 100.924 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037301.D

Acq: 12 Oct 2018 21:36

Instrument :

BNA_G

ClientSampleId :

BU-01-101118

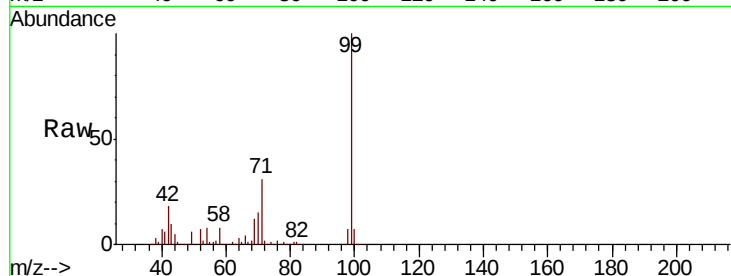
Tgt Ion: 99 Resp: 493922

Ion Ratio Lower Upper

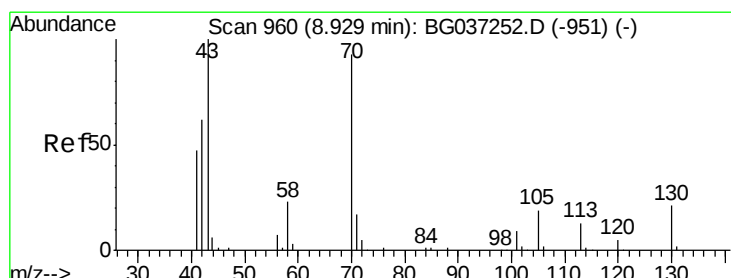
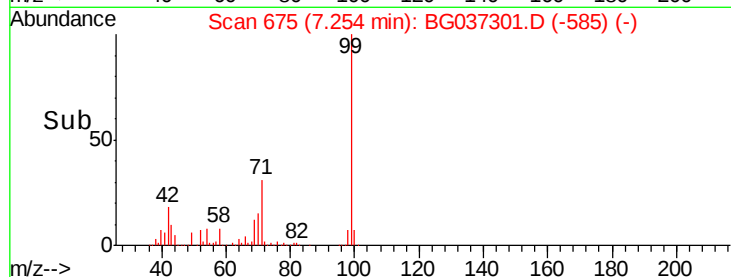
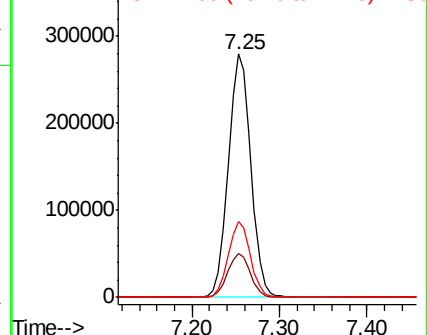
99 100

42 18.2 15.0 22.4

71 31.3 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: 11.246 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037301.D

Acq: 12 Oct 2018 21:36

Tgt Ion: 70 Resp: 41671

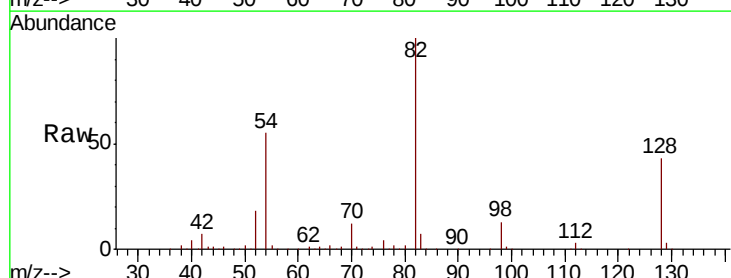
Ion Ratio Lower Upper

70 100

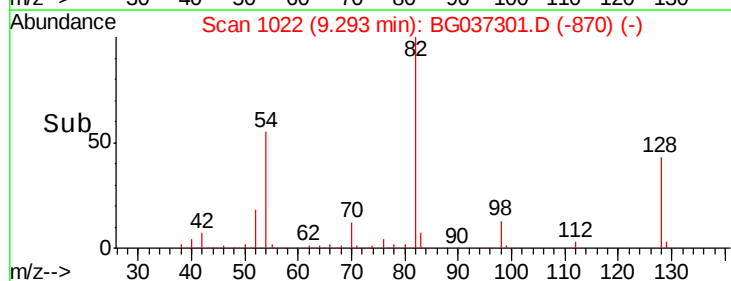
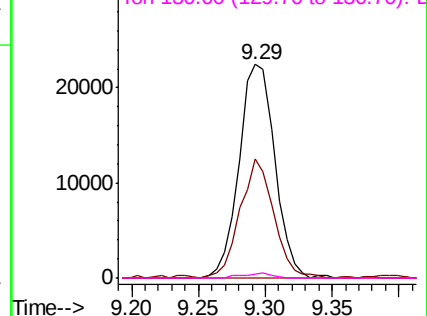
42 56.0 53.9 80.9

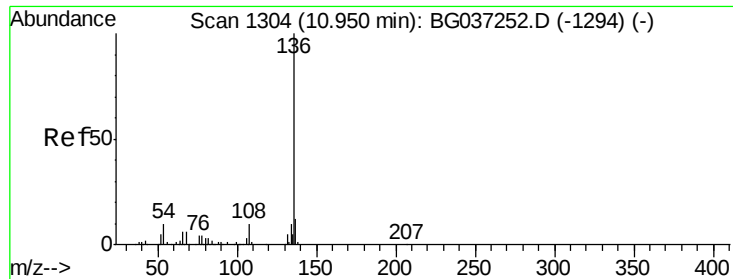
101 0.0 8.2 12.2#

130 2.0 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

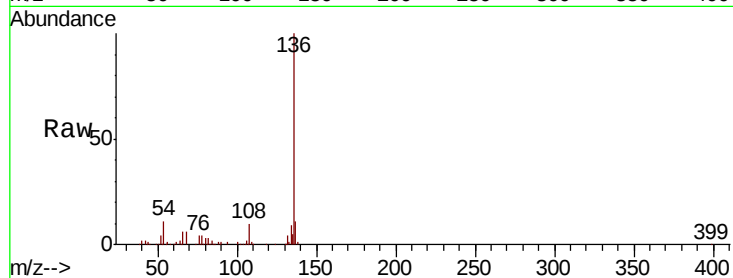




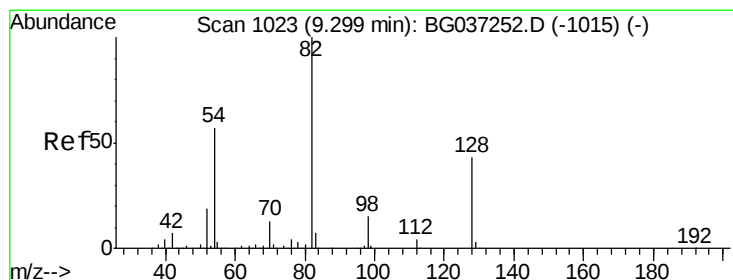
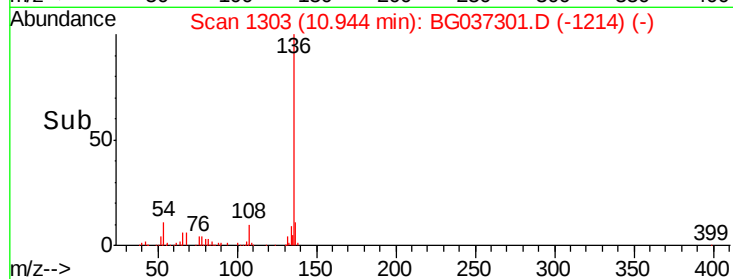
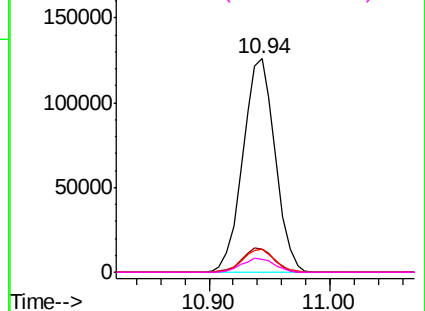
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tgt Ion:	136	Resp:	233808
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	10.6	7.9	11.9
68	6.1	4.8	7.2

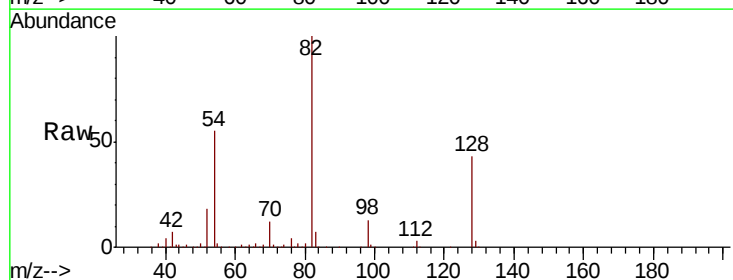


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

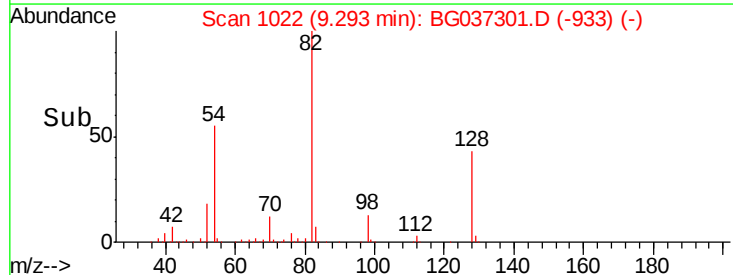
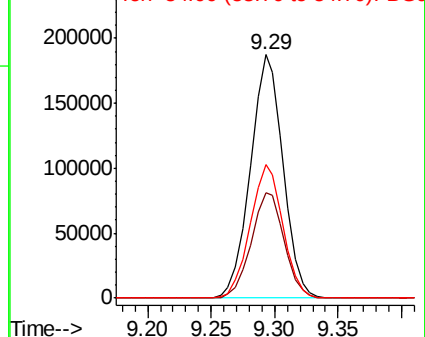


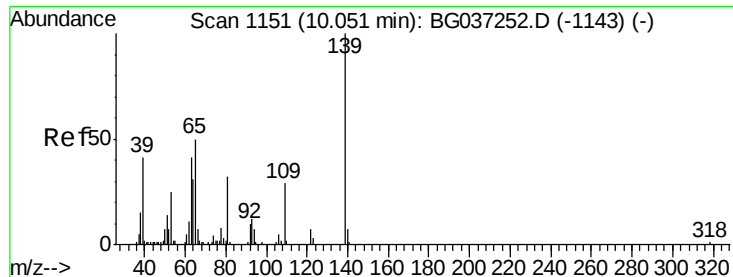
#23
Nitrobenzene-d5
Concen: 94.158 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion:	82	Resp:	334854
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	55.1	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

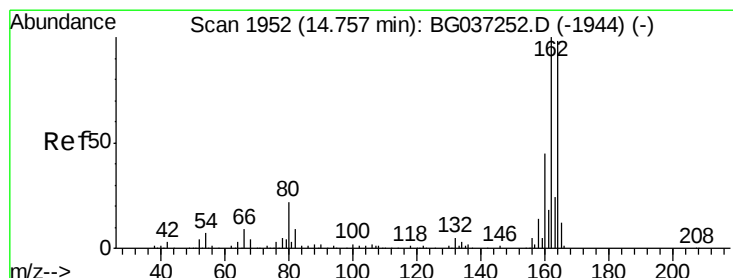
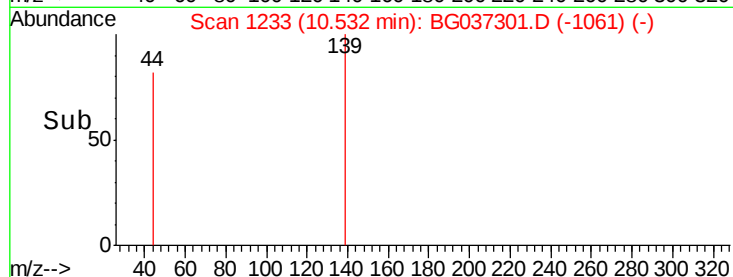
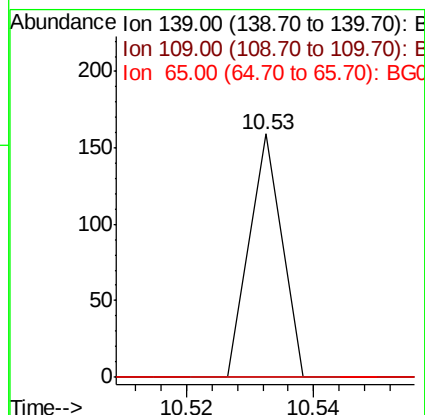
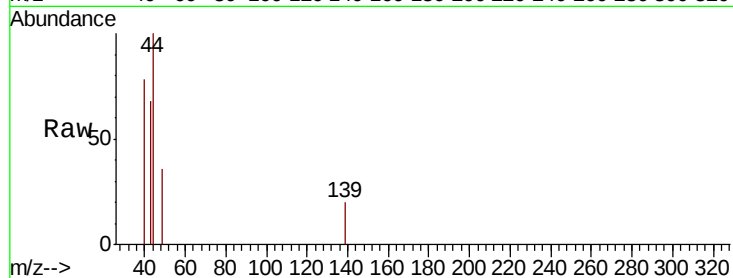




#26
2-Nitrophenol
Concen: 2.193 ng
RT: 10.53 min Scan# 1233
Delta R.T. 0.48 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

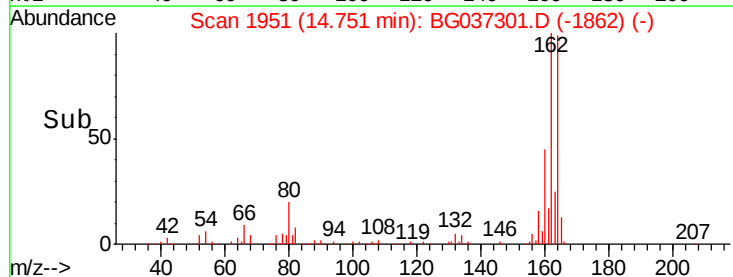
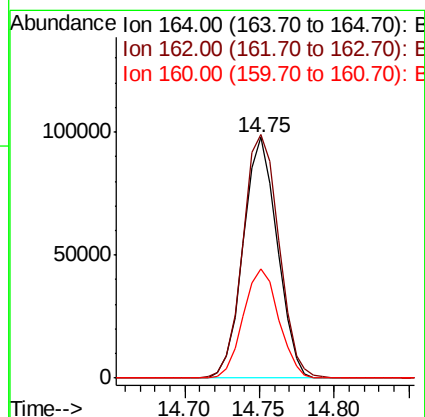
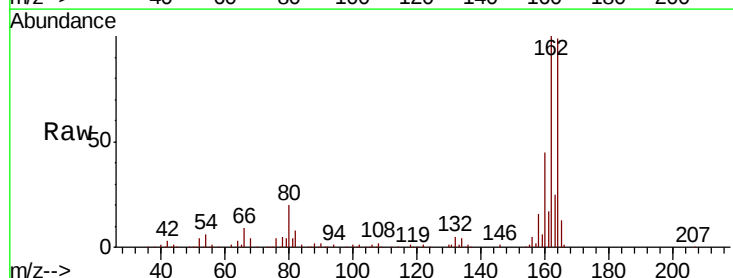
Instrument :
BNA_G
ClientSampleId :
BU-01-101118

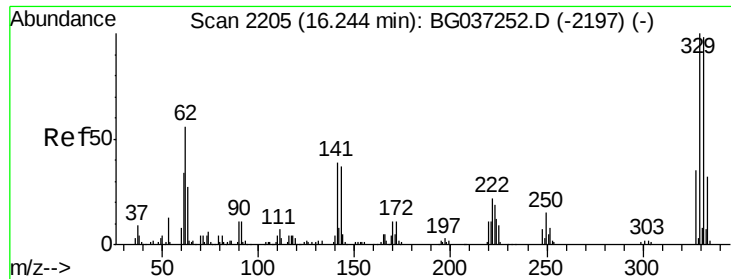
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.3	34.9#
65	0.0	39.8	59.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.3	121.9
160	45.4	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 139.131 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037301.D

Acq: 12 Oct 2018 21:36

Instrument :

BNA_G

ClientSampleId :

BU-01-101118

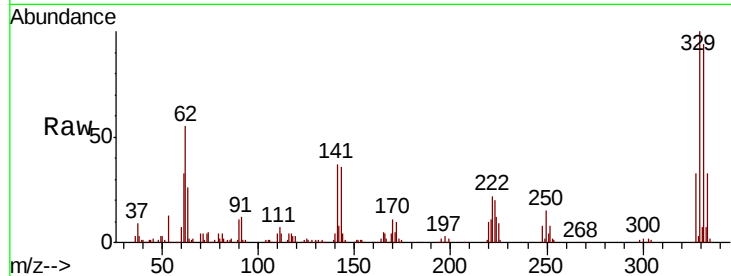
Tgt Ion:330 Resp: 210333

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

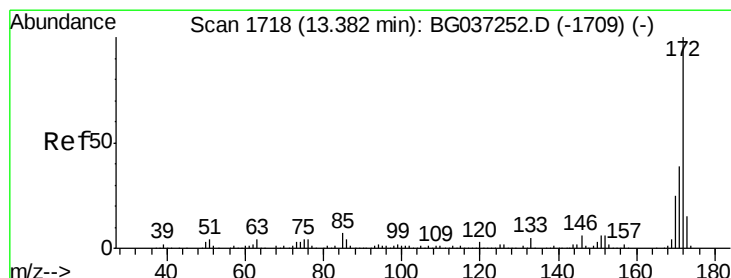
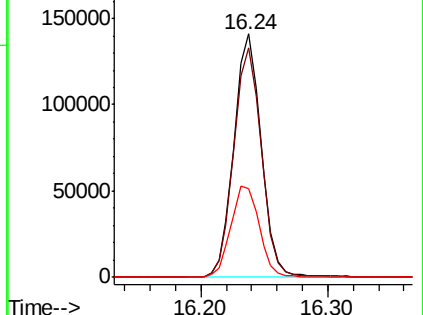
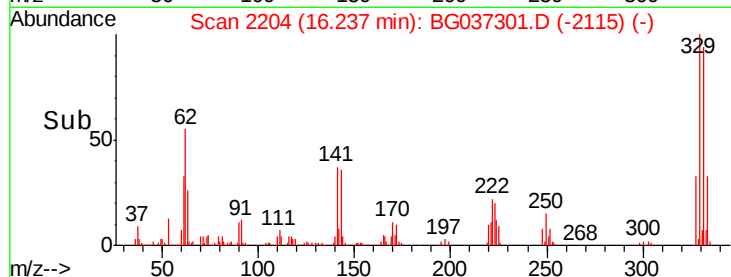
141 39.4 32.2 48.2



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: 76.600 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG037301.D

Acq: 12 Oct 2018 21:36

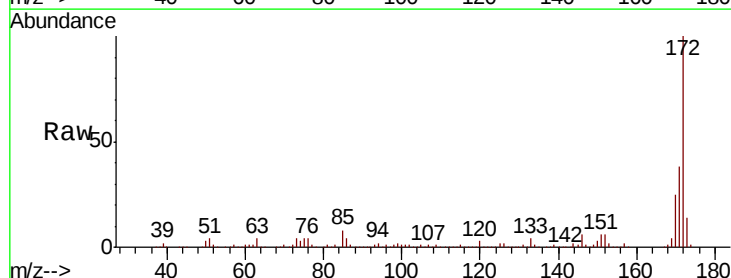
Tgt Ion:172 Resp: 786256

Ion Ratio Lower Upper

172 100

171 38.4 31.0 46.4

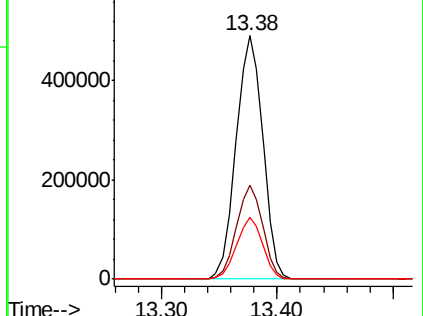
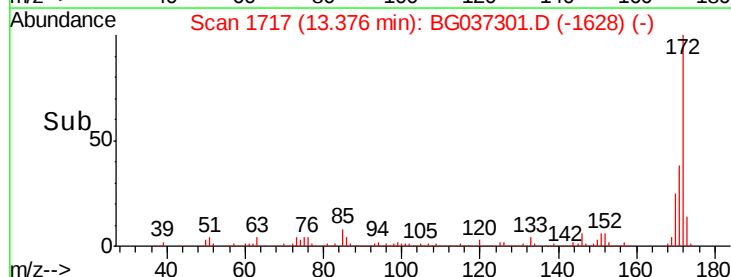
170 25.2 20.2 30.2

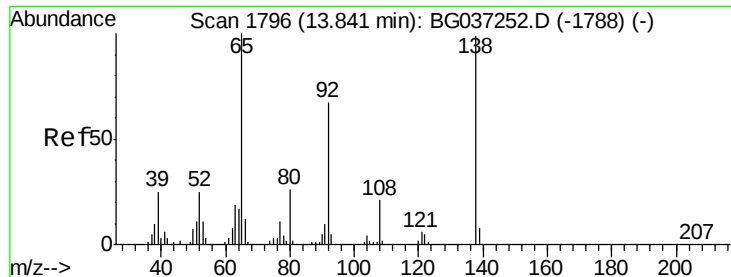


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

2-Nitroaniline

Concen: 5.776 ng

RT: 13.69 min Scan# 1771

Delta R.T. -0.15 min

Lab File: BG037301.D

Acq: 12 Oct 2018 21:36

Instrument :

BNA_G

ClientSampleId :

BU-01-101118

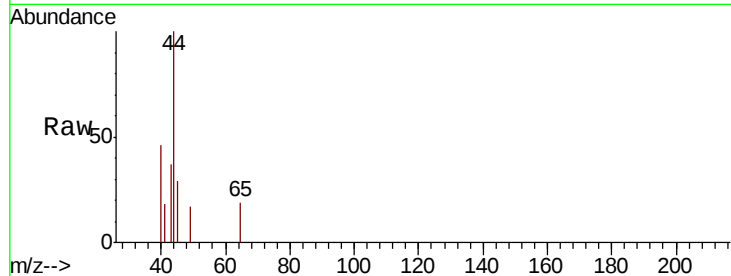
Tgt Ion: 65 Resp: 61

Ion Ratio Lower Upper

65 100

92 0.0 53.2 79.8#

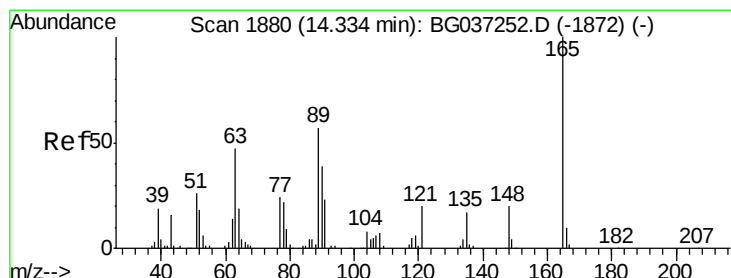
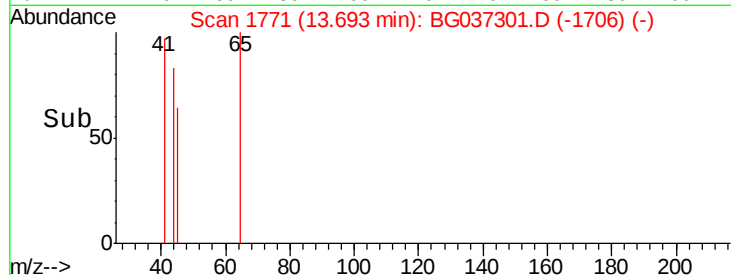
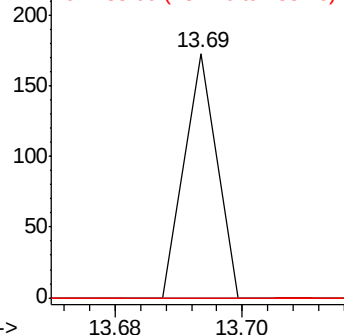
138 0.0 79.3 118.9#



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): BGC



#51

2,6-Dinitrotoluene

Concen: 12.643 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.42 min

Lab File: BG037301.D

Acq: 12 Oct 2018 21:36

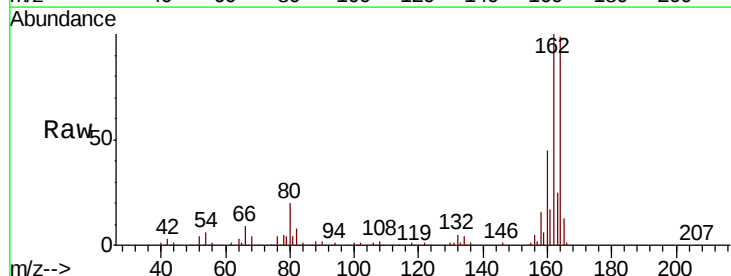
Tgt Ion: 165 Resp: 20484

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

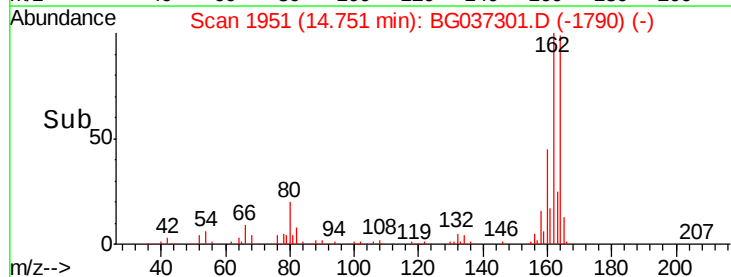
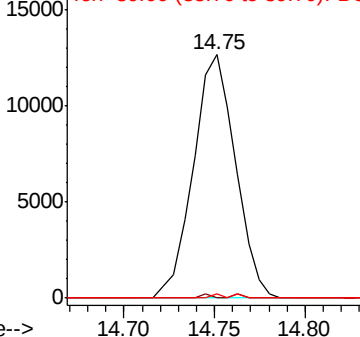
89 1.5 45.8 68.6#

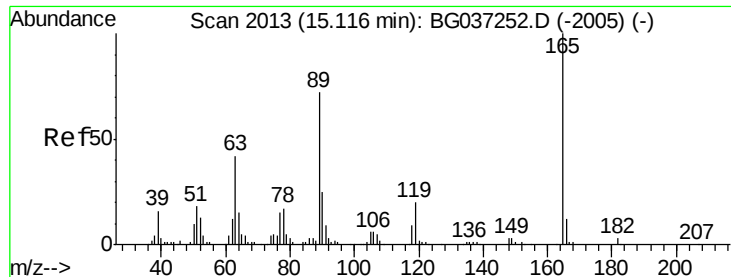


Abundance Ion 165.00 (164.70 to 165.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

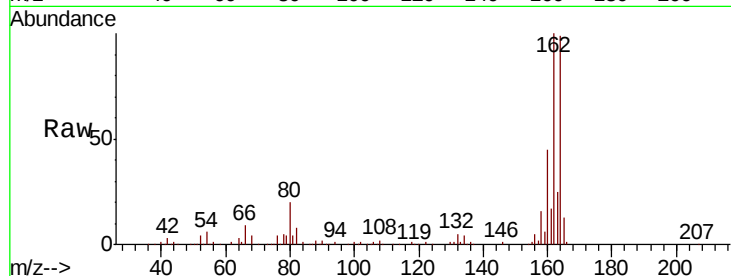




#57
 2,4-Dinitrotoluene
 Concen: 11.446 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG037301.D
 Acq: 12 Oct 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-101118

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#



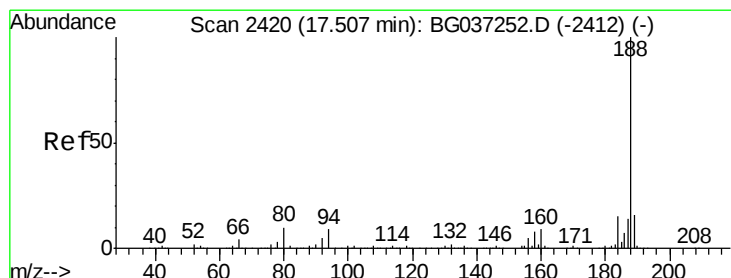
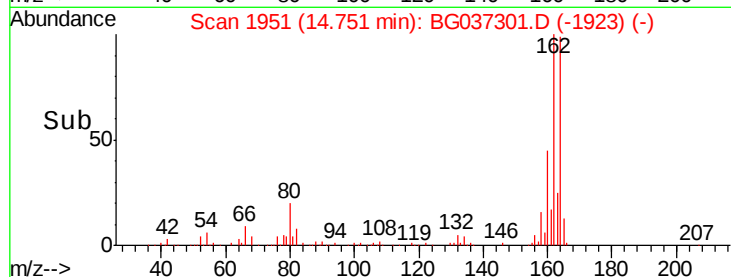
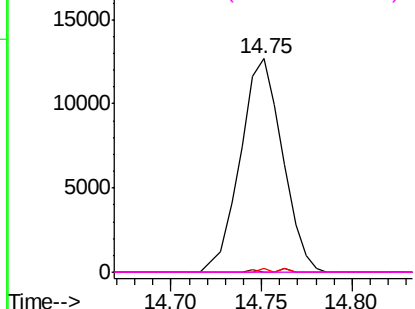
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

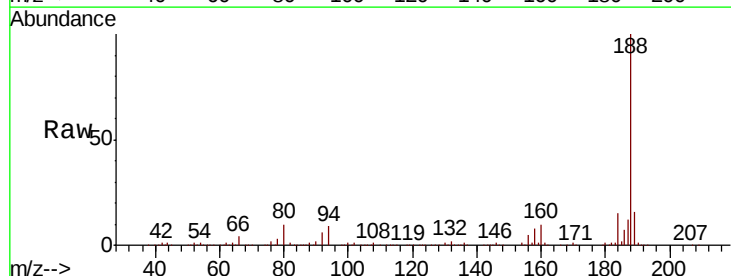
Ion 89.00 (88.70 to 89.70): BGC

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: BG037301.D
 Acq: 12 Oct 2018 21:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	9.9	7.7	11.5

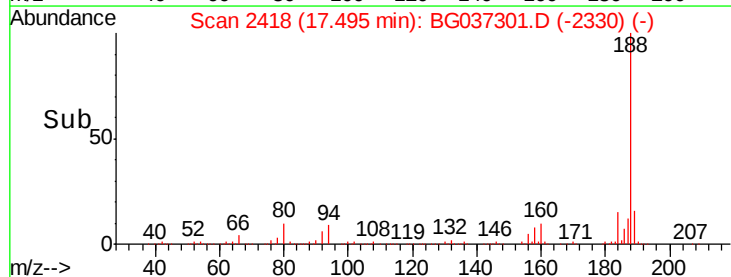
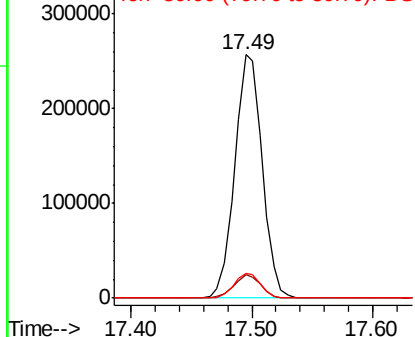


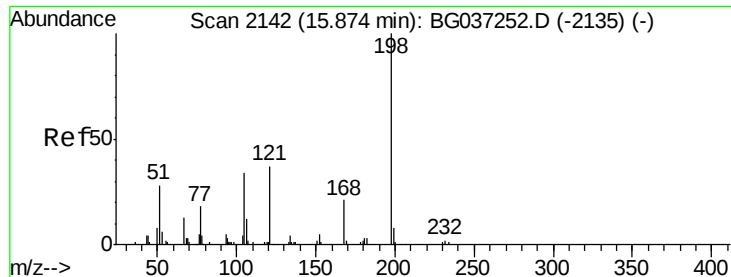
Abundance

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: 6.321 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG037301.D

Acq: 12 Oct 2018 21:36

Instrument :

BNA_G

ClientSampleId :

BU-01-101118

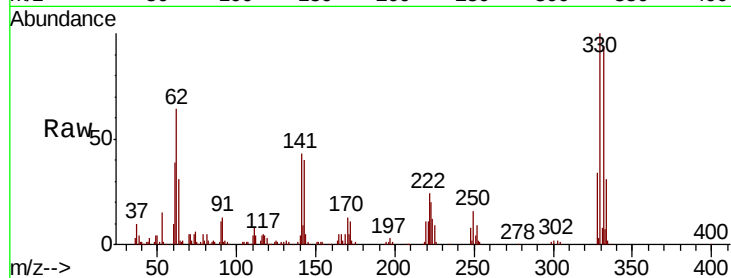
Tgt Ion:198 Resp: 546

Ion Ratio Lower Upper

198 100

51 42.7 22.7 62.7

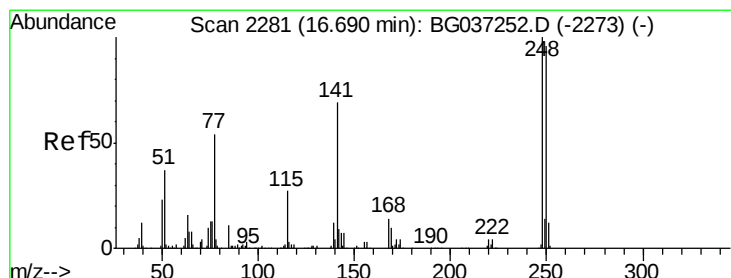
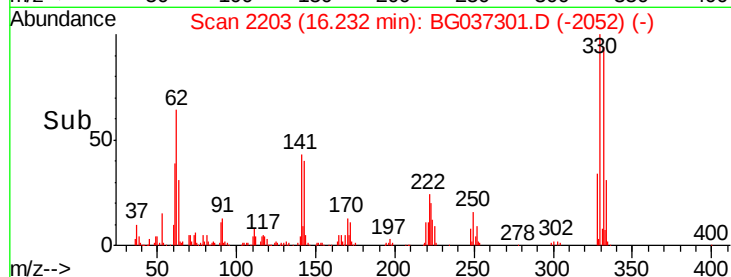
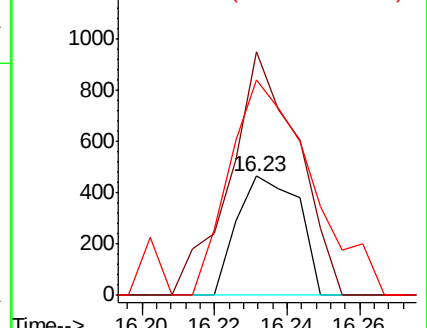
105 37.7 19.7 59.7



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: 3.693 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.45 min

Lab File: BG037301.D

Acq: 12 Oct 2018 21:36

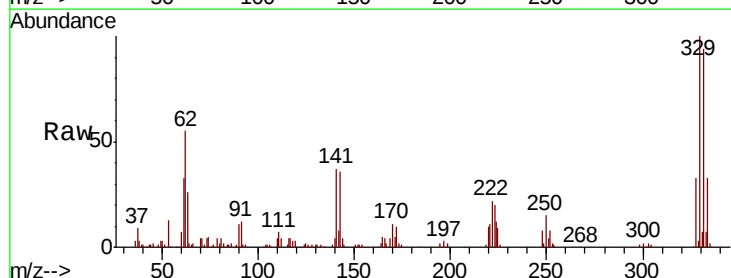
Tgt Ion:248 Resp: 16221

Ion Ratio Lower Upper

248 100

250 192.8 77.0 115.6#

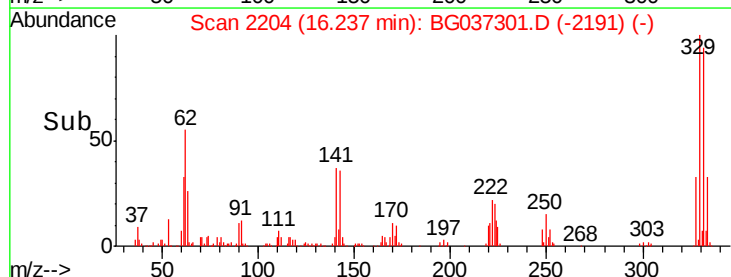
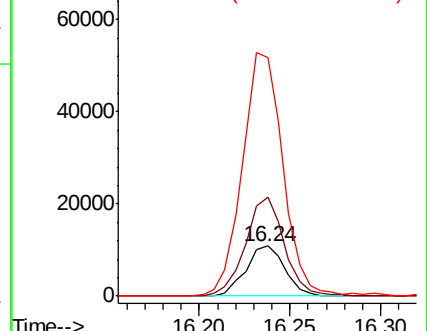
141 365.9 55.5 83.3#

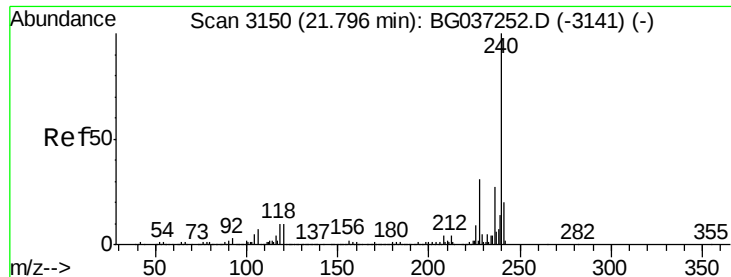


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

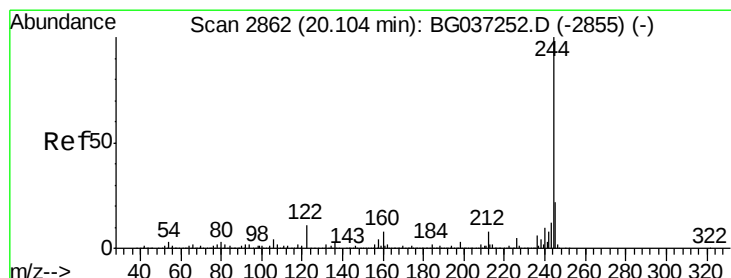
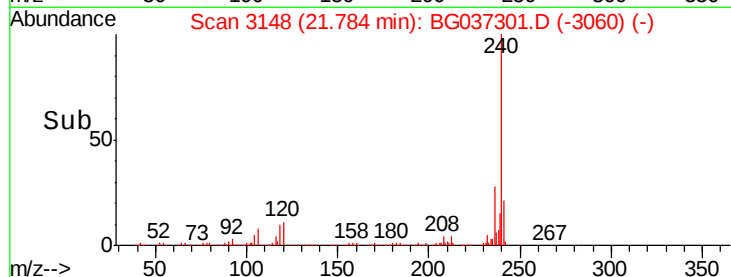
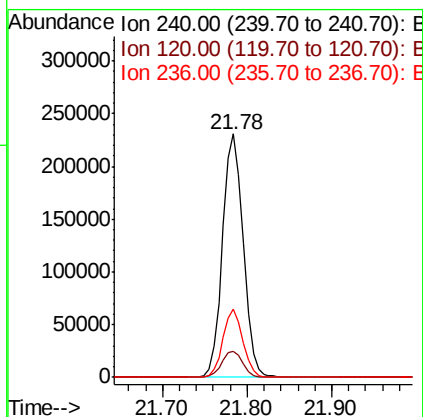
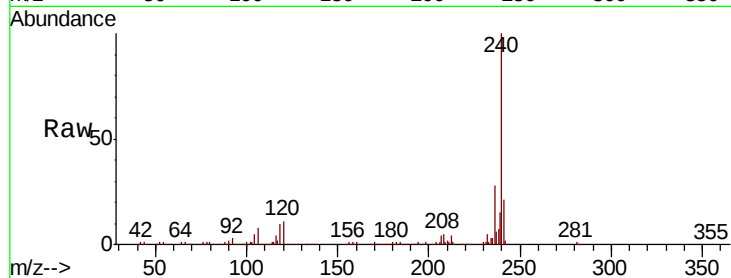




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

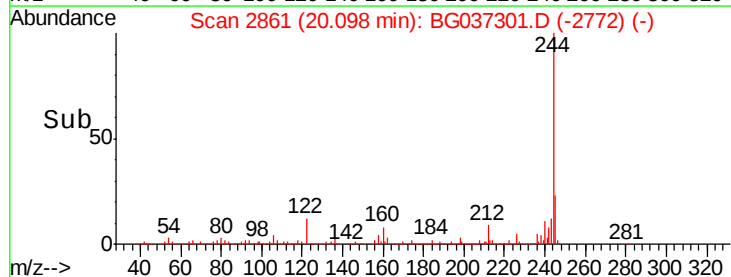
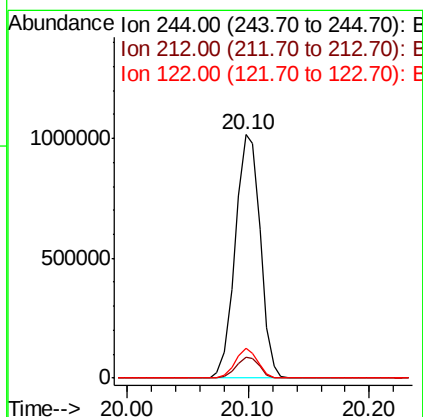
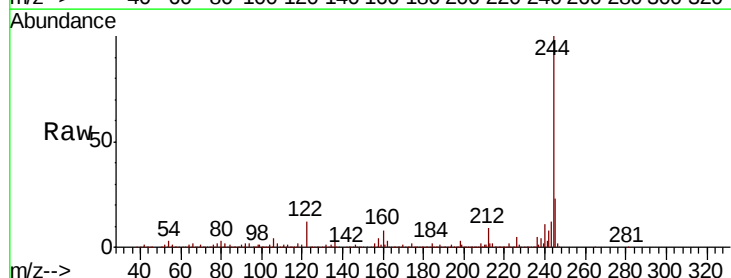
Instrument :
BNA_G
ClientSampleId :
BU-01-101118

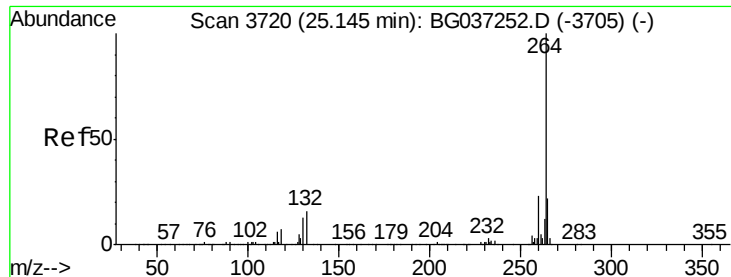
Tgt Ion:240 Resp: 392625
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 27.8 21.4 32.0



#79
Terphenyl-d14
Concen: 78.550 ng
RT: 20.10 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Tgt Ion:244 Resp: 1468785
Ion Ratio Lower Upper
244 100
212 8.6 6.5 9.7
122 12.2 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG037301.D
Acq: 12 Oct 2018 21:36

Instrument :
BNA_G
ClientSampleId :
BU-01-101118

Tgt Ion:	264	Resp:	400112
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	20.2	17.9	26.9

