

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037312.D
 Acq On : 13 Oct 2018 5:27
 Operator : JU/SJ
 Sample : J5383-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 02:13:56 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

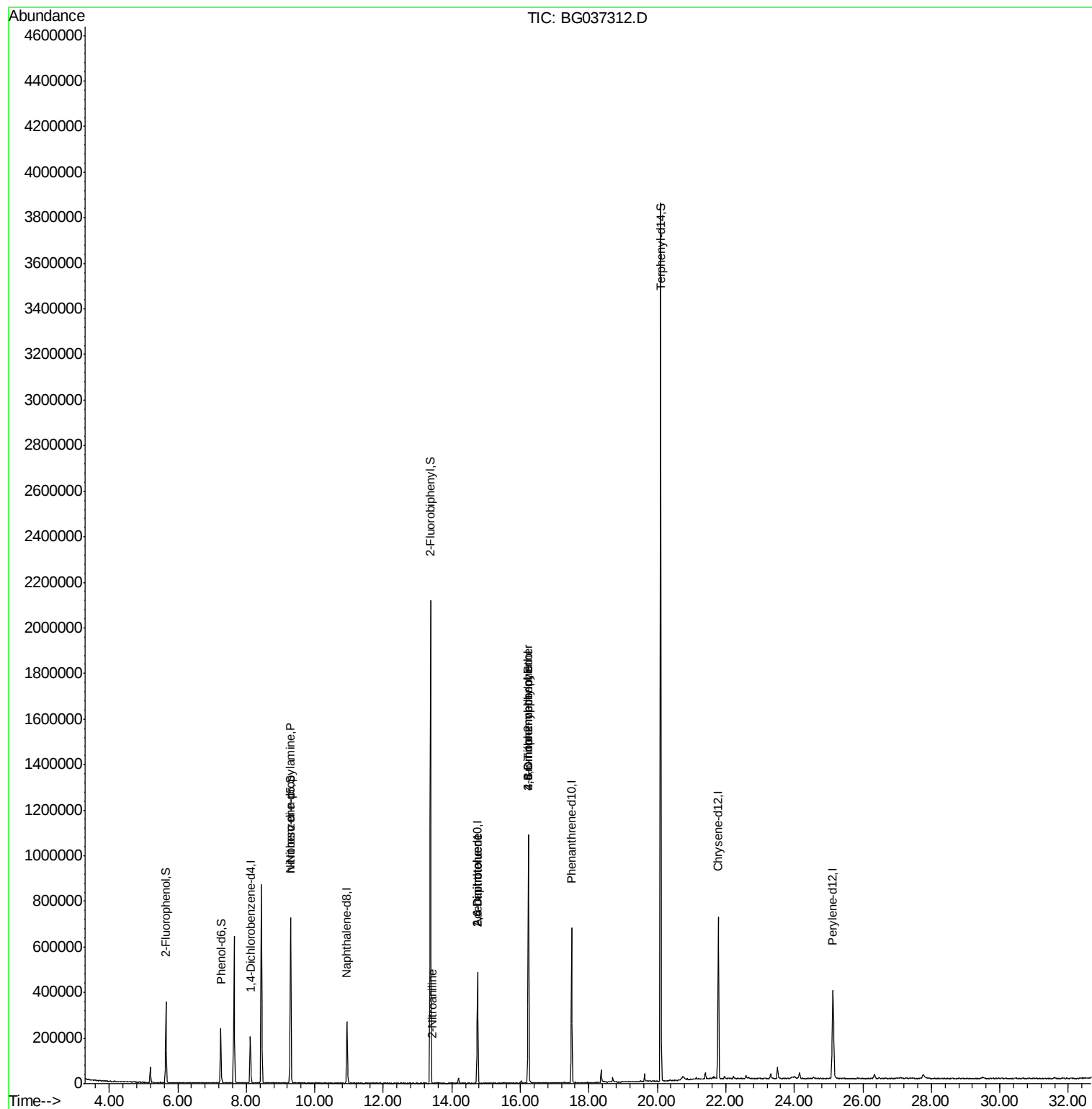
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	60150	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	254555	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	169906	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	444546	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	422782	20.00	ng	-0.01
87) Perylene-d12	25.13	264	423888	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	166438	48.70	ng	0.00
7) Phenol-d6	7.25	99	151299	29.17	ng	0.00
23) Nitrobenzene-d5	9.29	82	460303	118.88	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	199746	119.87	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1131064	99.97	ng	0.00
79) Terphenyl-d14	20.10	244	1830188	90.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	57540	14.650	ng	# 71
48) 2-Nitroaniline	13.44	65	74	5.778	ng	# 7
51) 2,6-Dinitrotoluene	14.75	165	22062	12.464	ng	# 24
57) 2,4-Dinitrotoluene	14.75	165	22062	11.306	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	578	6.310	ng	97
67) 4-Bromophenyl-phenylether	16.24	248	14799	3.085	ng	# 1

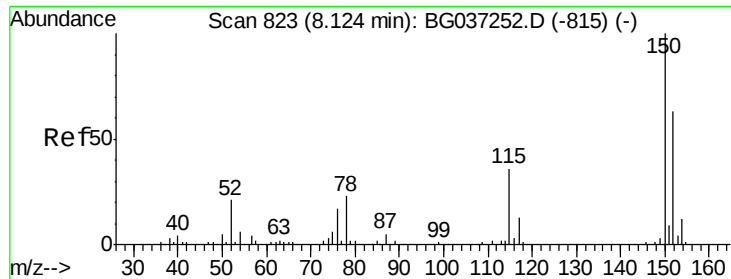
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Oct 15 02:13:56 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



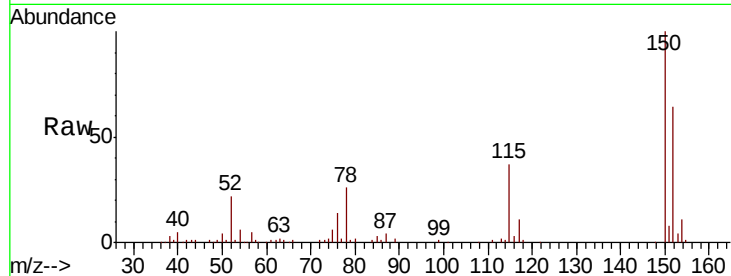


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037312.D
Acq: 13 Oct 2018 5:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.0	189.0
115	57.9	45.5	68.3

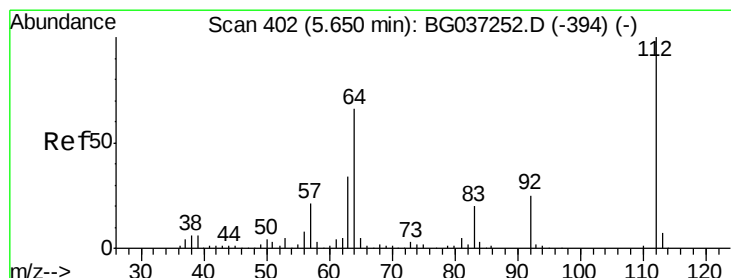
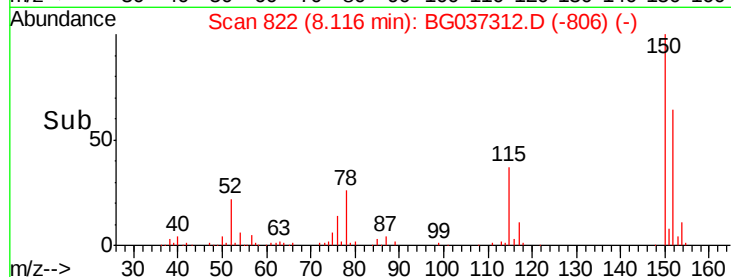
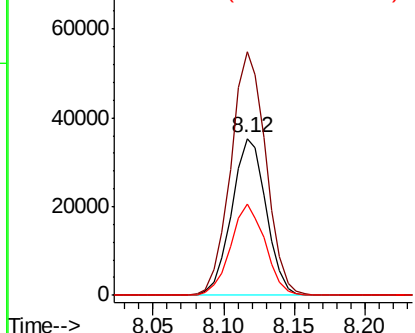


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

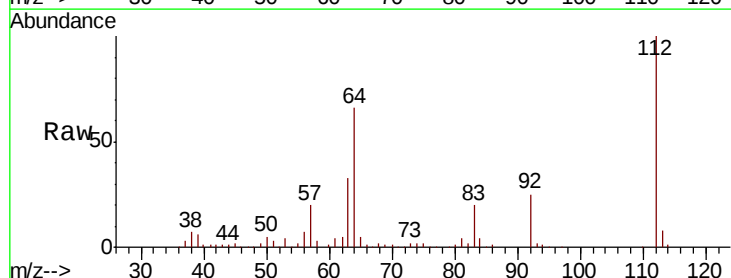
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.697 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037312.D
Acq: 13 Oct 2018 5:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.1	79.7
63	33.4	27.3	40.9

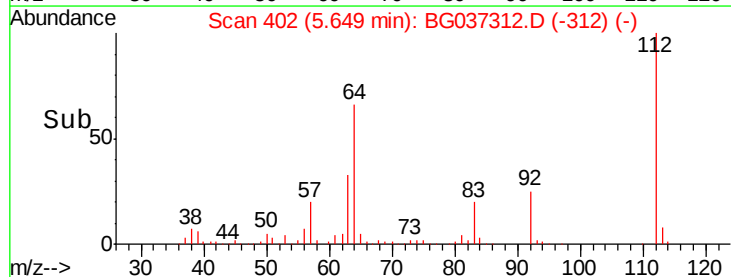
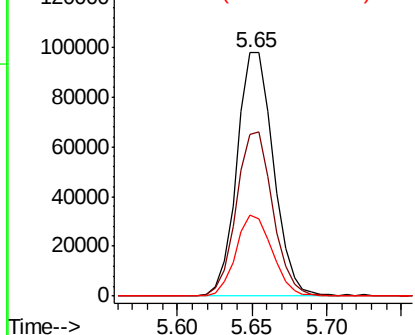


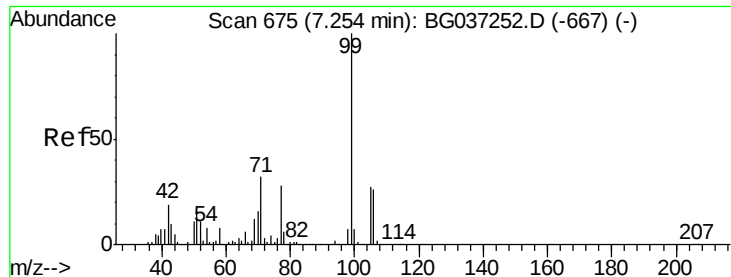
Abundance

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: 29.165 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037312.D

Acq: 13 Oct 2018 5:27

Instrument :

BNA_G

ClientSampleId :

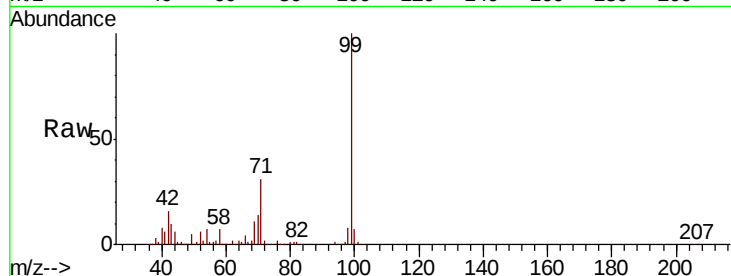
Tot Ion: 99 Resp: 151299

Ion Ratio Lower Upper

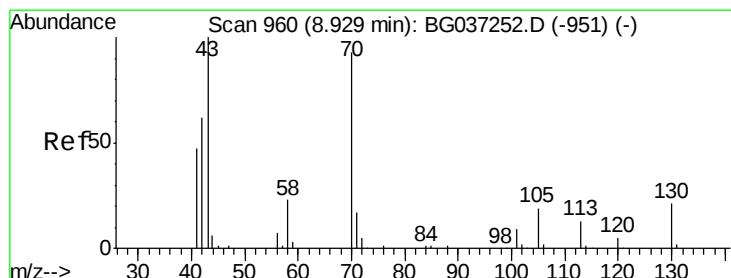
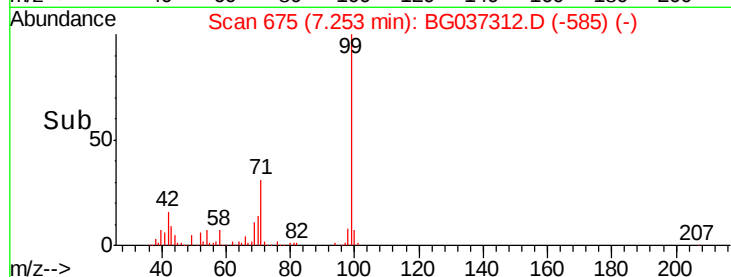
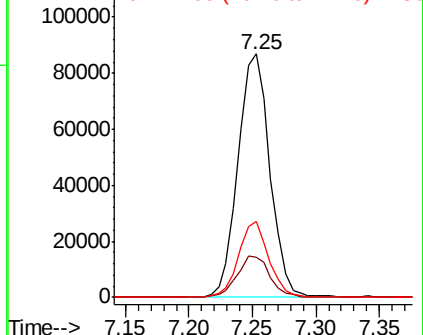
99 100

42 16.4 15.0 22.4

71 31.0 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: 14.650 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037312.D

Acq: 13 Oct 2018 5:27

Tgt Ion: 70 Resp: 57540

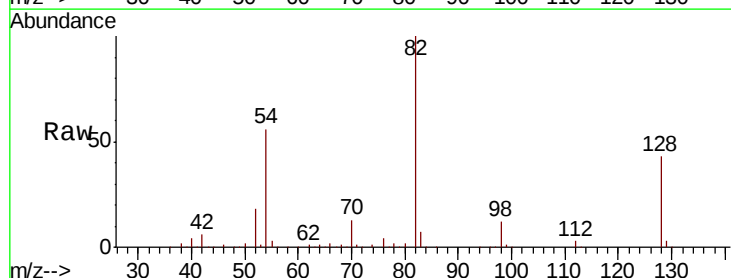
Ion Ratio Lower Upper

70 100

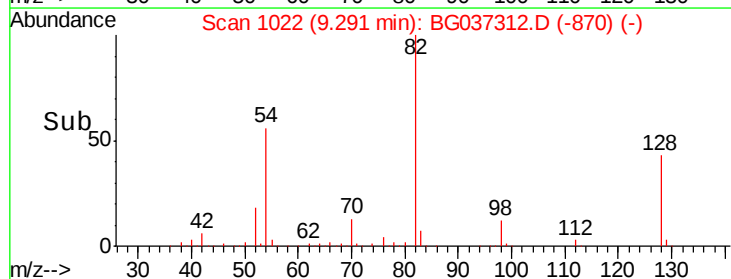
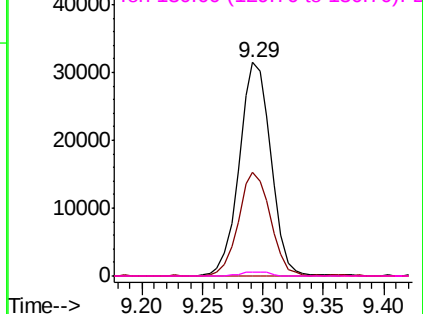
42 48.4 53.9 80.9#

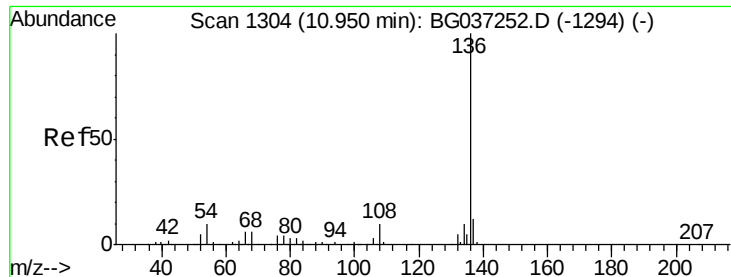
101 0.0 8.2 12.2#

130 1.6 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

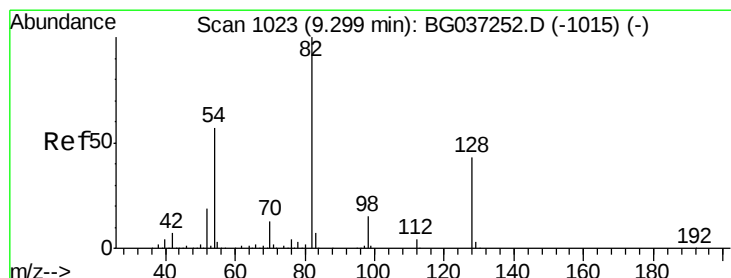
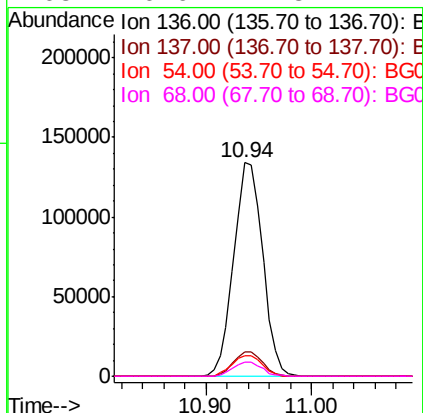
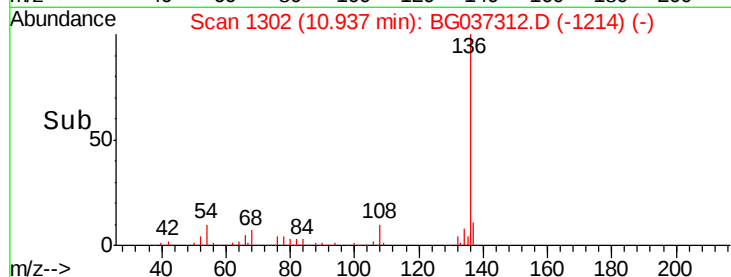
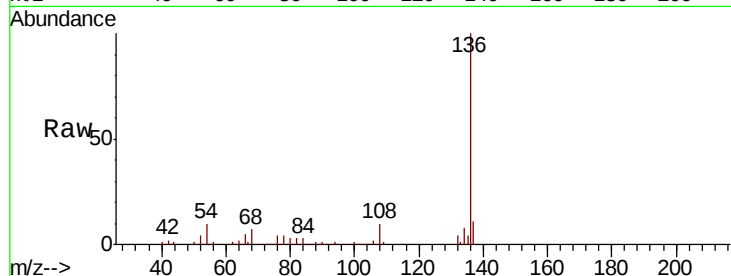




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037312.D
Acq: 13 Oct 2018 5:27

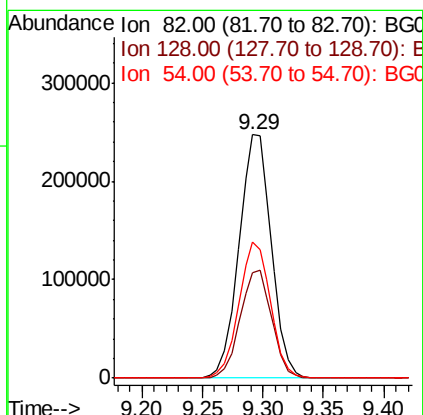
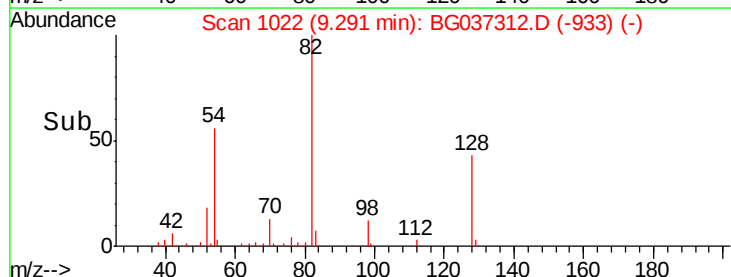
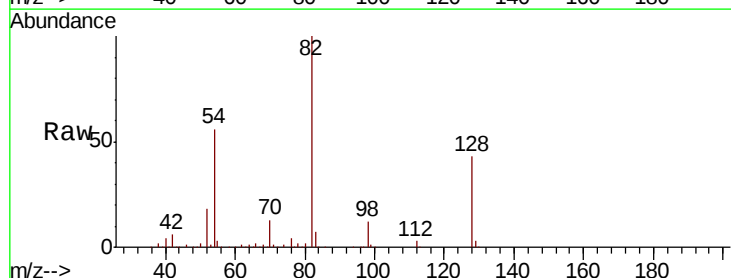
Instrument :
BNA_G
ClientSampleId :

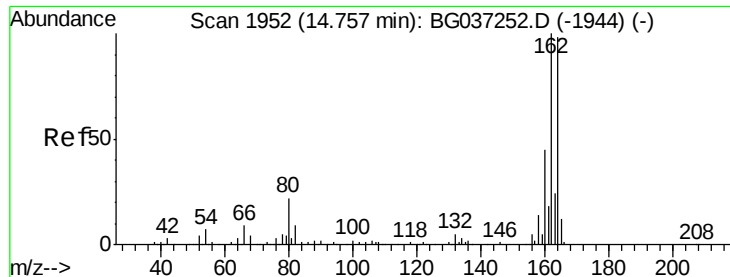
Tot Ion:136	Resp:	254555
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.6 14.4
54	9.8	7.9 11.9
68	6.6	4.8 7.2



#23
Nitrobenzene-d5
Concen: 118.884 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037312.D
Acq: 13 Oct 2018 5:27

Tgt Ion: 82	Resp:	460303
Ion Ratio	Lower	Upper
82	100	
128	43.3	34.6 51.8
54	56.1	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG037312.D

Acq: 13 Oct 2018 5:27

Instrument :

BNA_G

ClientSampleId :

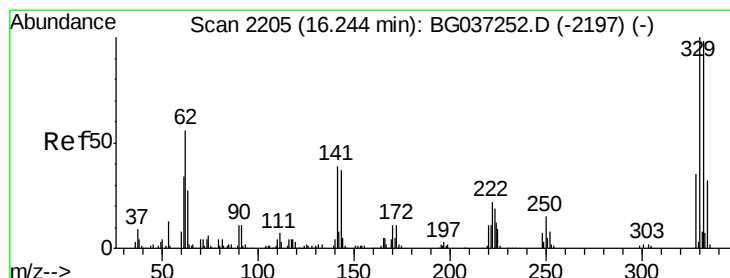
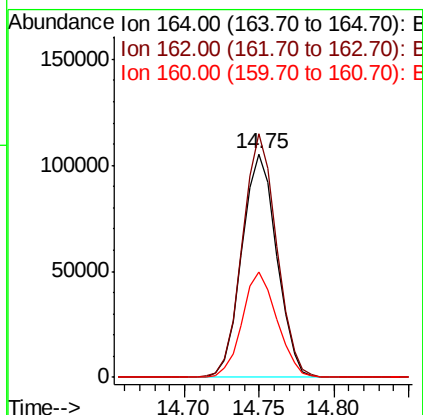
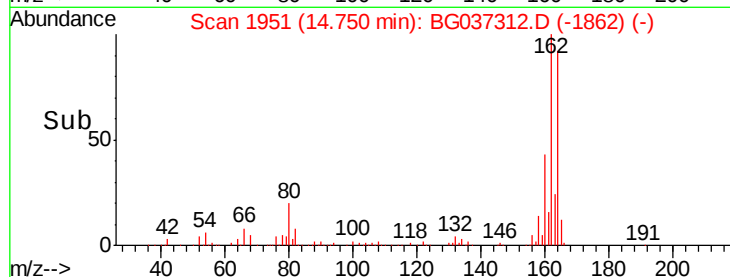
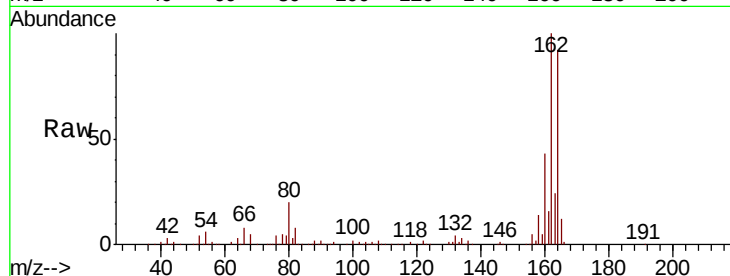
Tot Ion:164 Resp: 169906

Ion Ratio Lower Upper

164 100

162 108.9 81.3 121.9

160 46.9 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 119.874 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037312.D

Acq: 13 Oct 2018 5:27

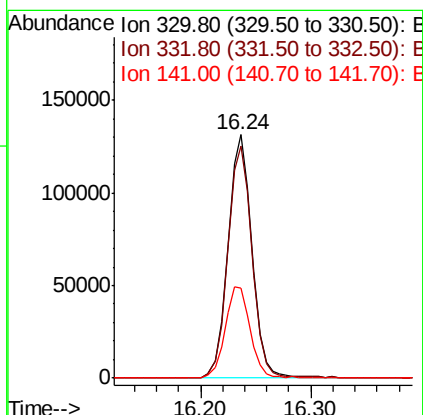
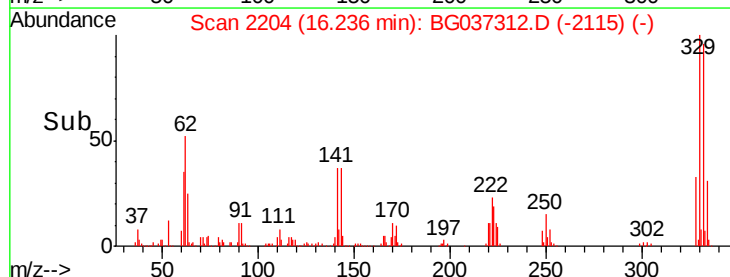
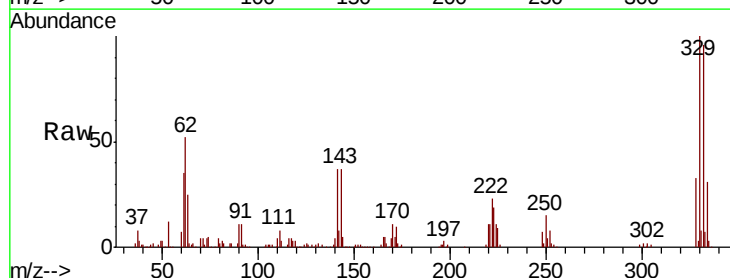
Tgt Ion:330 Resp: 199746

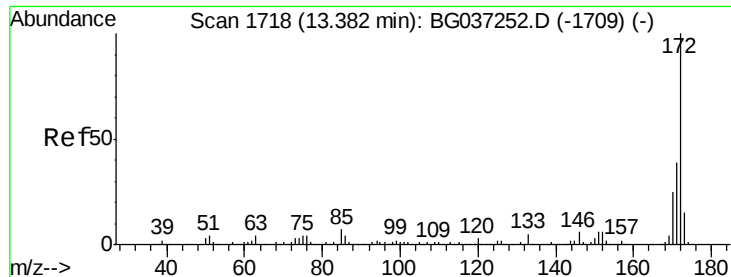
Ion Ratio Lower Upper

330 100

332 97.0 78.4 117.6

141 38.7 32.2 48.2

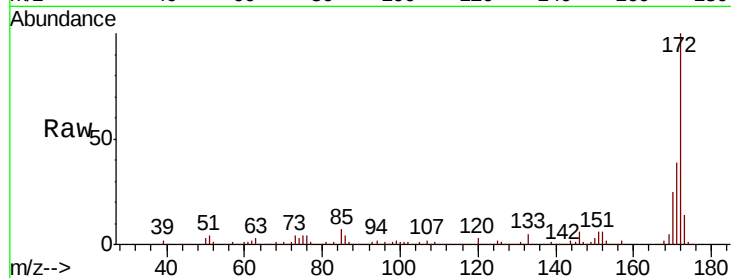




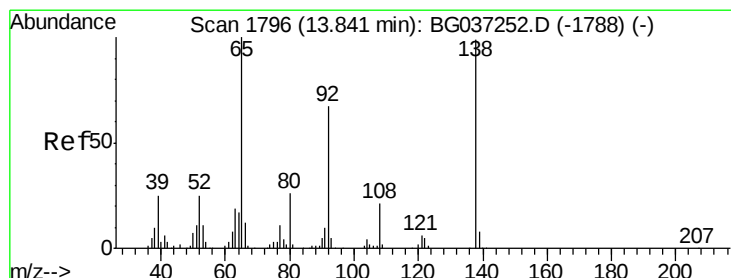
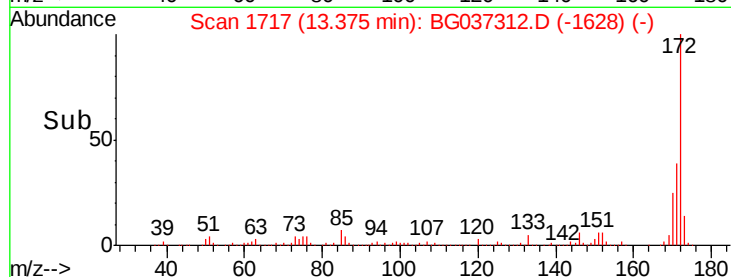
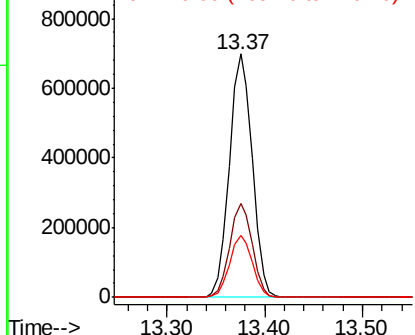
#45
 2-Fluorobiphenyl
 Concen: 99.972 ng
 RT: 13.37 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037312.D
 Acq: 13 Oct 2018 5:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1131064
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.0 46.4
 170 25.5 20.2 30.2

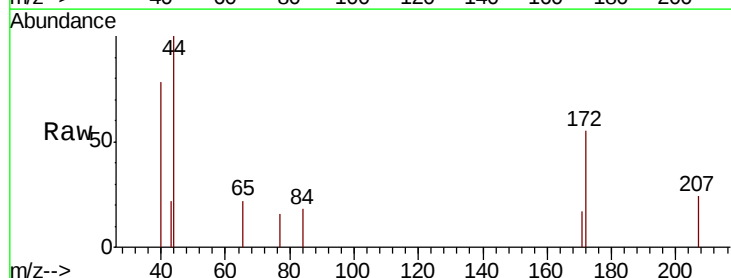


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

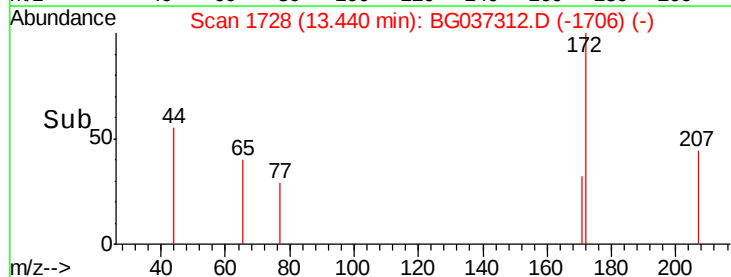
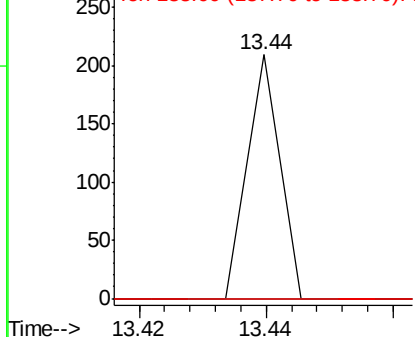


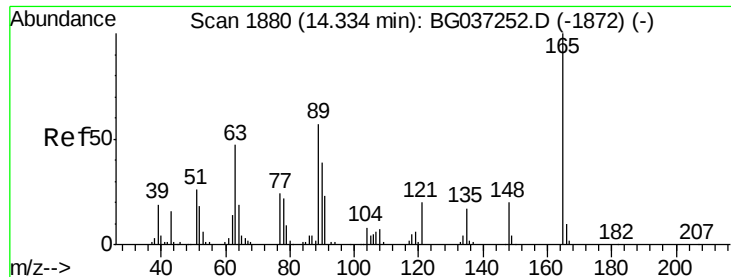
#48
 2-Nitroaniline
 Concen: 5.778 ng
 RT: 13.44 min Scan# 1728
 Delta R.T. -0.40 min
 Lab File: BG037312.D
 Acq: 13 Oct 2018 5:27

Tgt Ion: 65 Resp: 74
 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): E

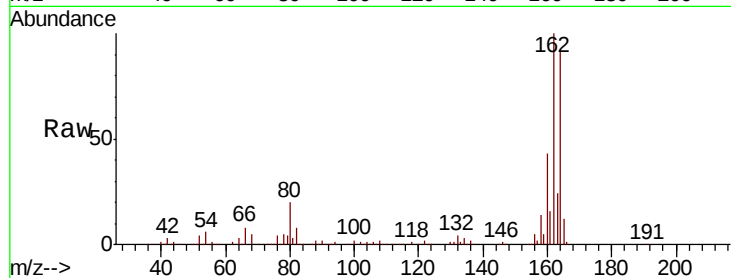




#51
 2,6-Dinitrotoluene
 Concen: 12.464 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.42 min
 Lab File: BG037312.D
 Acq: 13 Oct 2018 5:27

Instrument :
 BNA_G
 ClientSampleId :

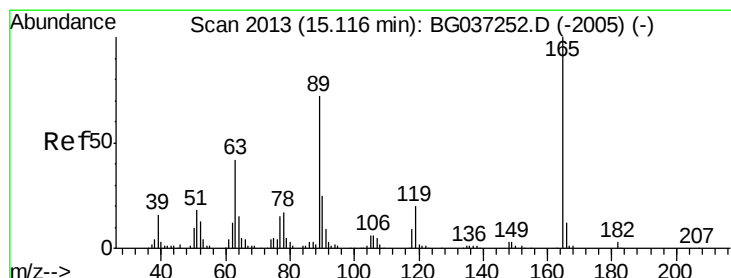
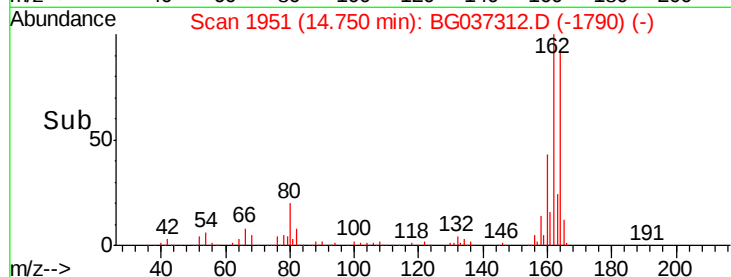
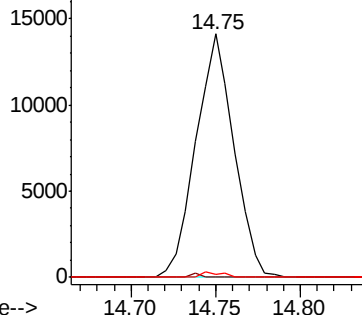
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.3	45.8	68.6#



Abundance Ion 165.00 (164.70 to 165.70): E

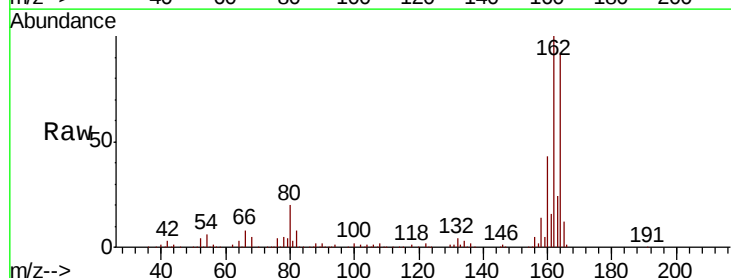
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 11.306 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG037312.D
 Acq: 13 Oct 2018 5:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#

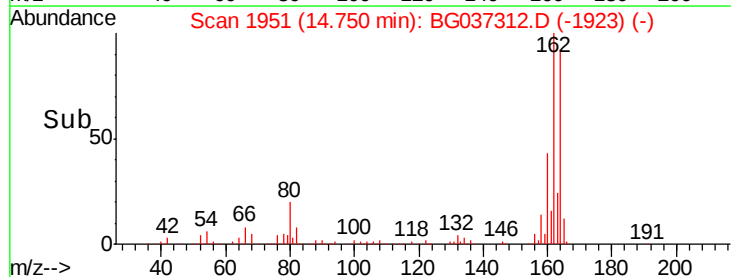
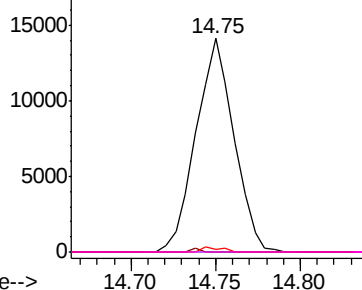


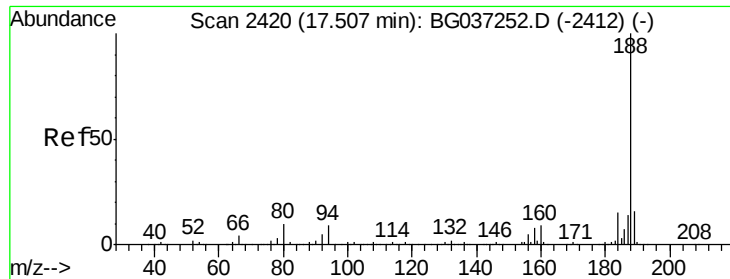
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG037312.D

Acq: 13 Oct 2018 5:27

Instrument :

BNA_G

ClientSampleId :

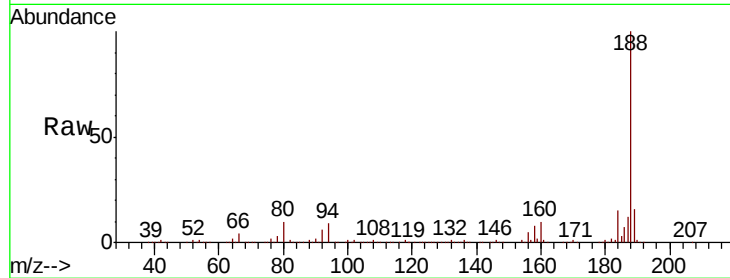
Tot Ion:188 Resp: 444546

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

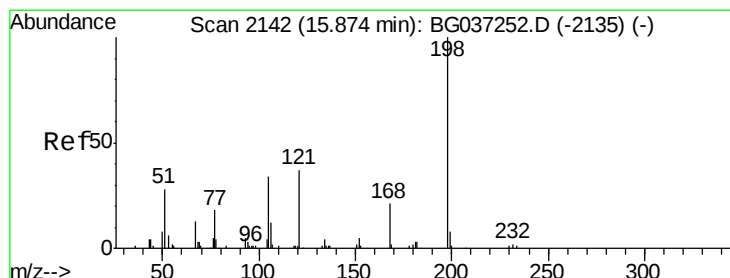
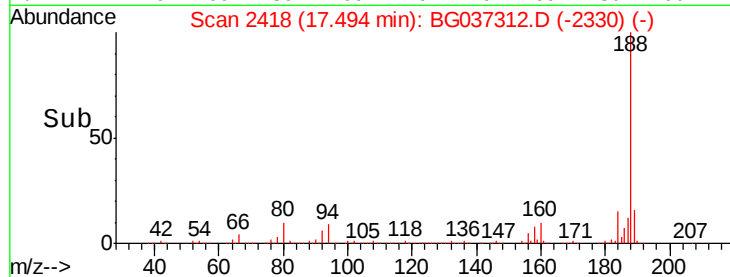
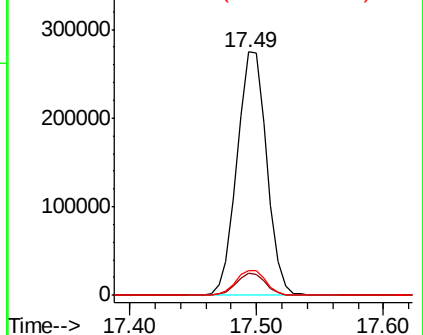
80 10.4 7.7 11.5



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: 6.310 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG037312.D

Acq: 13 Oct 2018 5:27

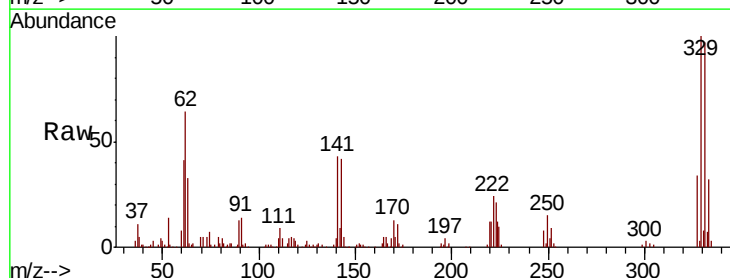
Tgt Ion:198 Resp: 578

Ion Ratio Lower Upper

198 100

51 40.3 22.7 62.7

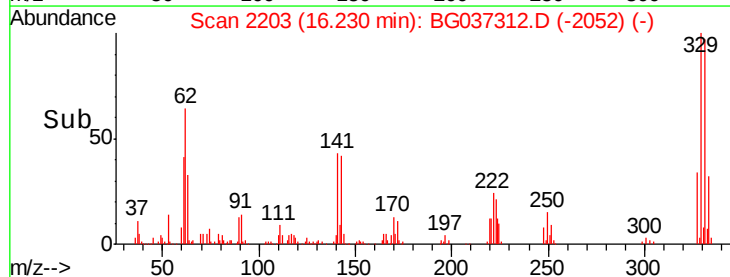
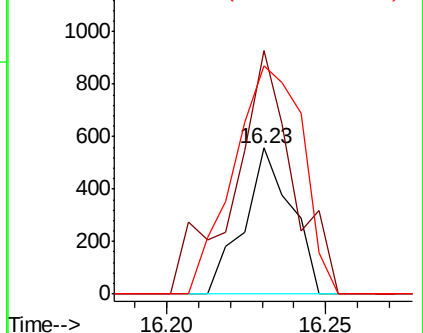
105 37.9 19.7 59.7

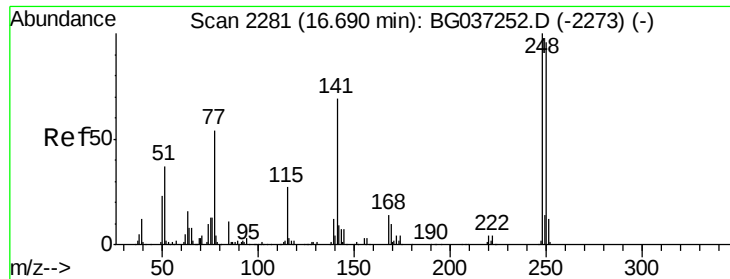


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

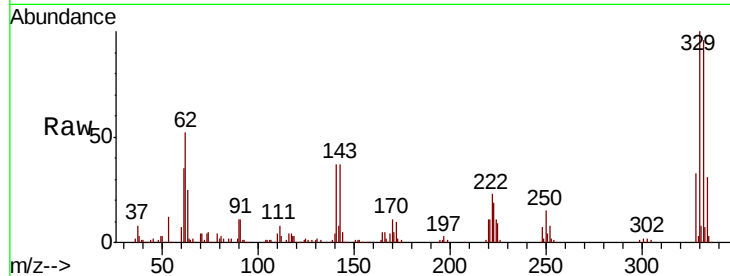




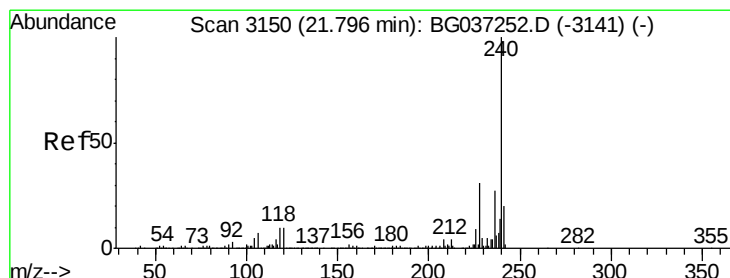
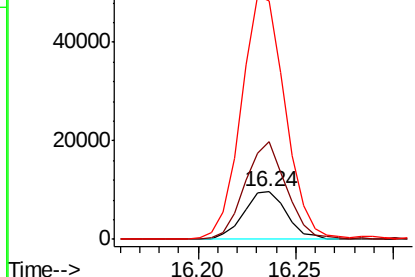
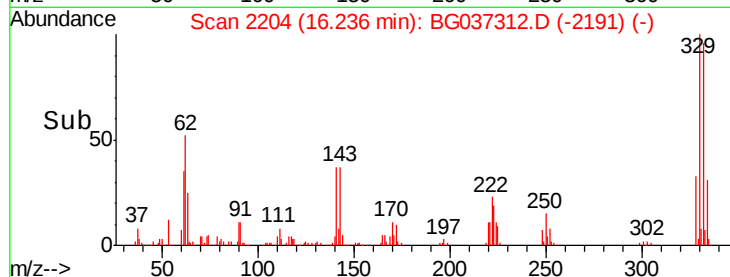
#67
 4-Bromophenyl-phenylether
 Concen: 3.085 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.45 min
 Lab File: BG037312.D
 Acq: 13 Oct 2018 5:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 14799
 Ion Ratio Lower Upper
 248 100
 250 201.9 77.0 115.6#
 141 385.7 55.5 83.3#

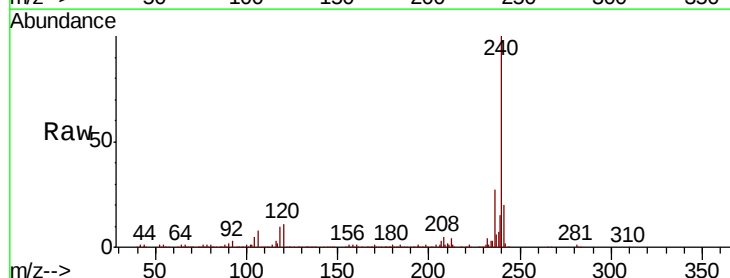


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

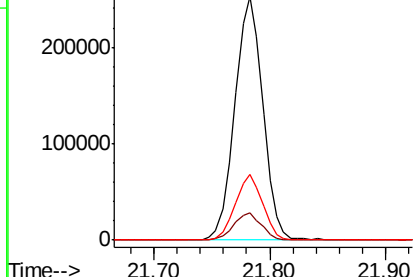
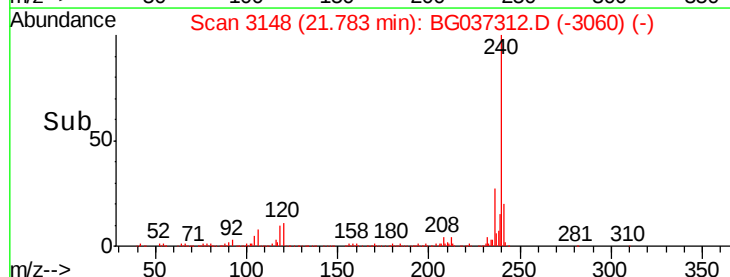


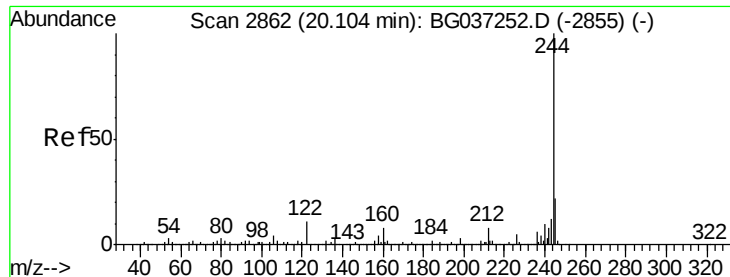
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG037312.D
 Acq: 13 Oct 2018 5:27

Tgt Ion:240 Resp: 422782
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 27.0 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



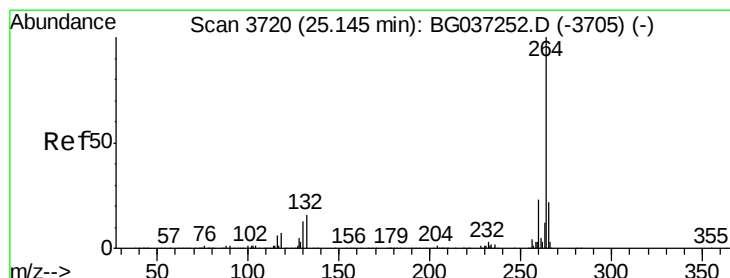
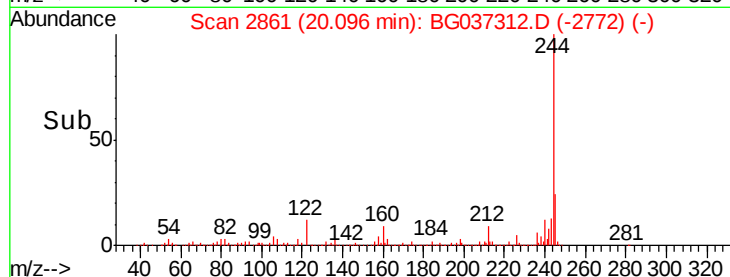
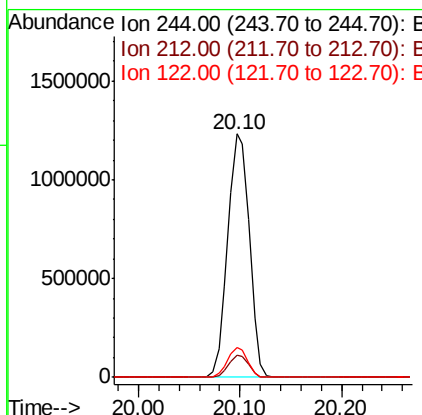
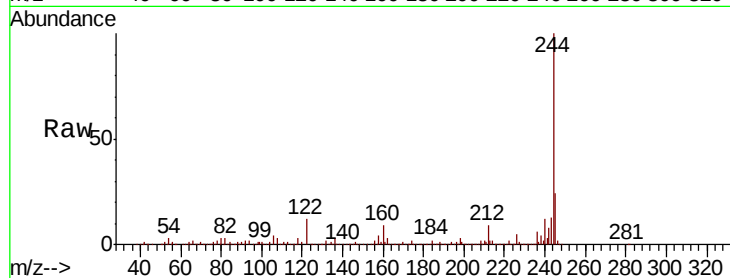


#79
 Terphenyl-d14
 Concen: 90.896 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG037312.D
 Acq: 13 Oct 2018 5:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1830188

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.5	9.7
122	12.4	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.13 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG037312.D
 Acq: 13 Oct 2018 5:27

Tgt Ion:264 Resp: 423888

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	20.2	17.9	26.9

