

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037319.D
 Acq On : 13 Oct 2018 10:01
 Operator : JU/SJ
 Sample : J5383-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 02:15:09 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

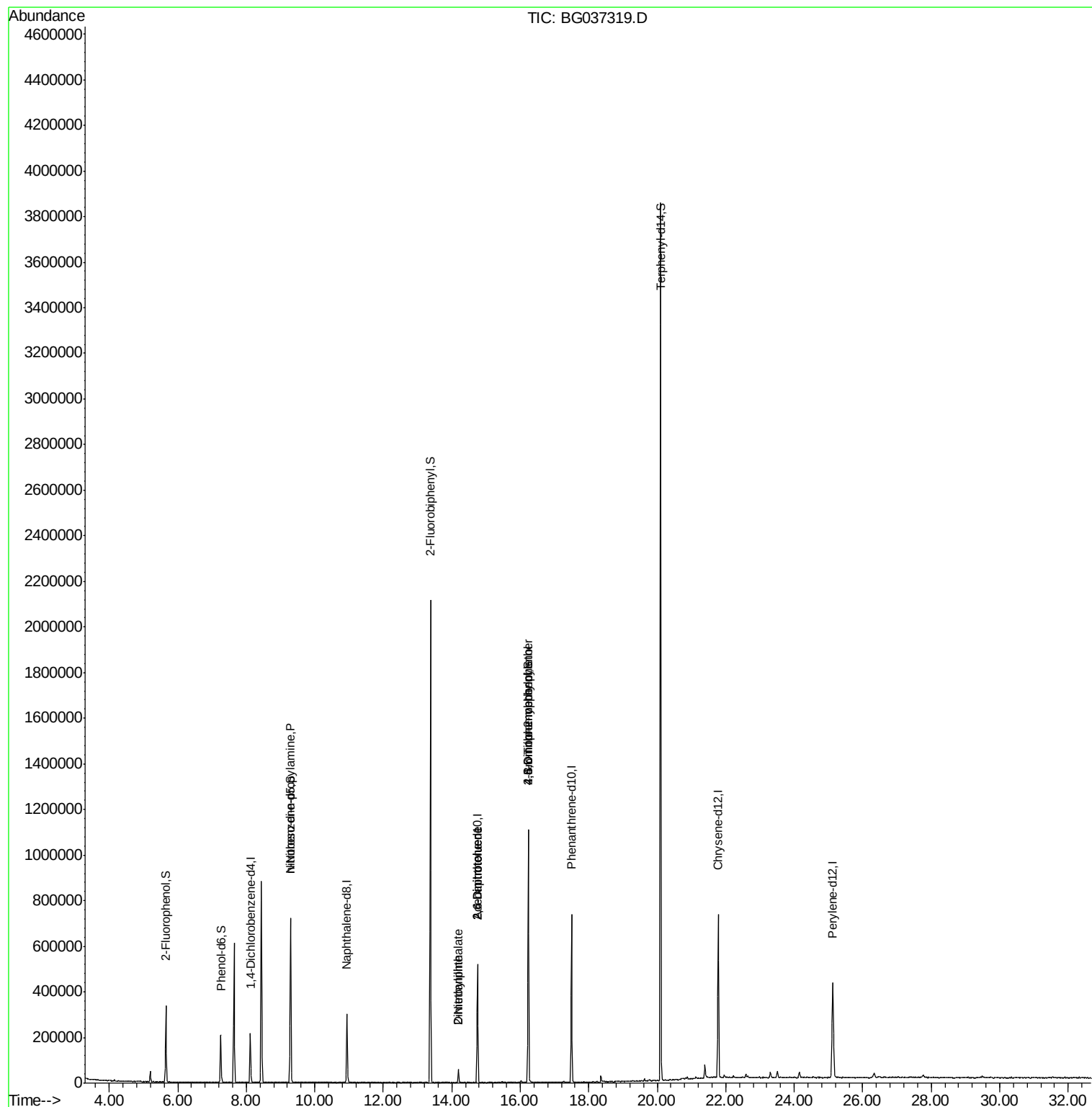
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	64115	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	264241	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	182386	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	465127	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	451492	20.00	ng	-0.02
87) Perylene-d12	25.13	264	458126	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	154719	42.47	ng	0.00
7) Phenol-d6	7.25	99	139199	25.17	ng	0.00
23) Nitrobenzene-d5	9.29	82	448136	111.50	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	195380	109.23	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1107091	91.16	ng	0.00
79) Terphenyl-d14	20.10	244	1807699	84.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	57412	13.714	ng	# 74
48) 2-Nitroaniline	14.19	65	397	5.869	ng	# 1
50) Dimethylphthalate	14.19	163	40003	2.791	ng	99
51) 2,6-Dinitrotoluene	14.75	165	22918	12.217	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	22918	11.114	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	360	6.162	ng	83
67) 4-Bromophenyl-phenylether	16.23	248	14685	2.925	ng	# 1

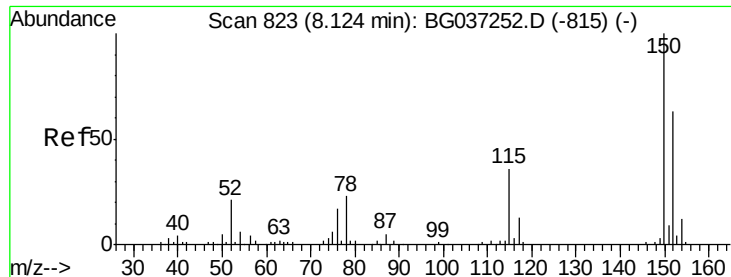
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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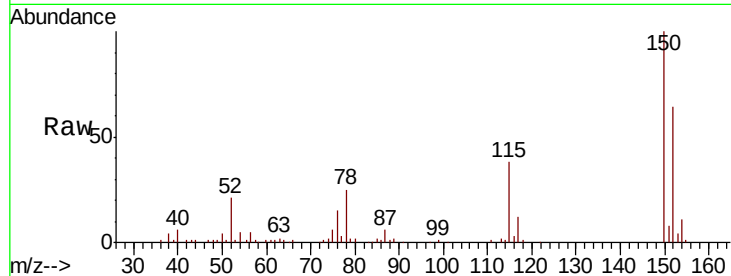


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037319.D
Acq: 13 Oct 2018 10:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.0	189.0
115	58.3	45.5	68.3

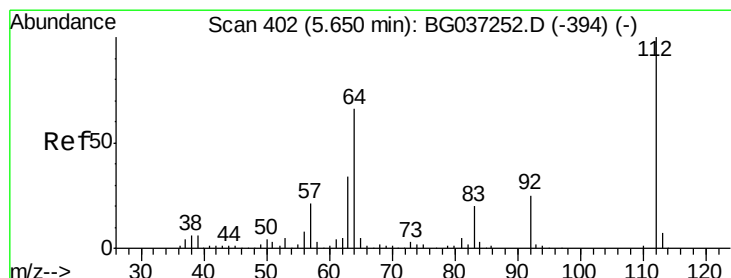
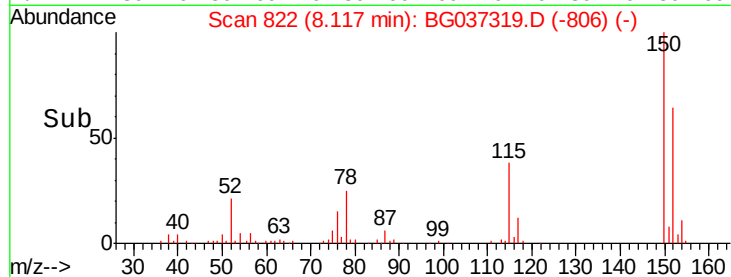
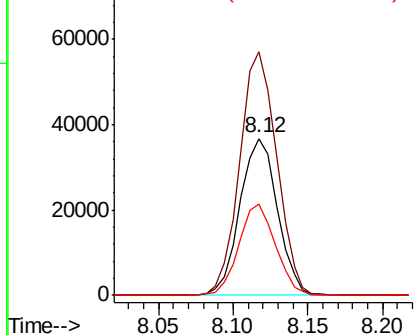


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

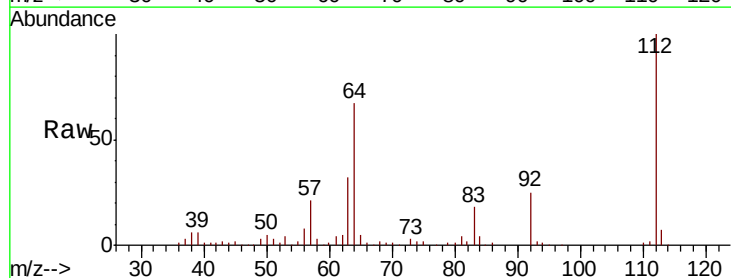
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.469 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037319.D
Acq: 13 Oct 2018 10:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.1	79.7
63	32.0	27.3	40.9

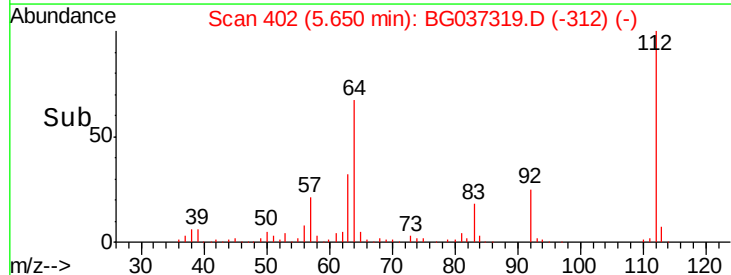
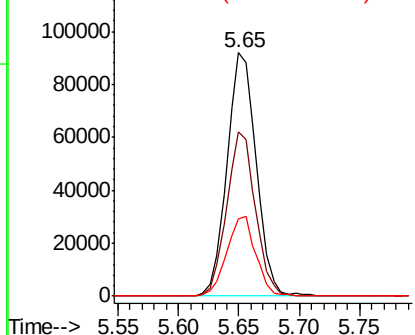


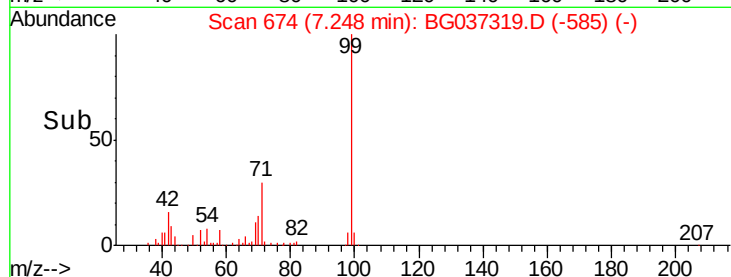
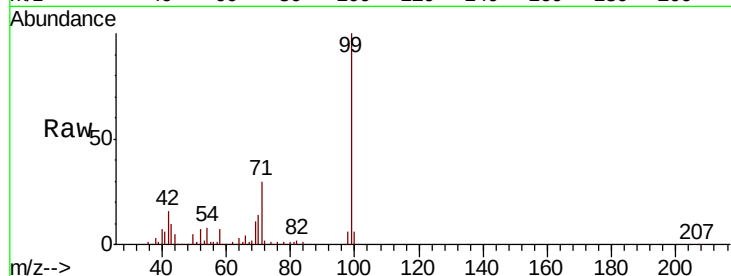
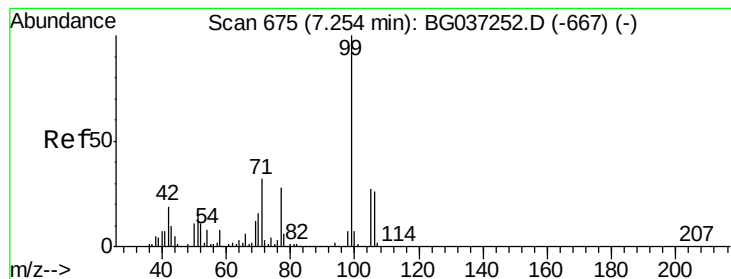
Abundance

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: 25.173 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037319.D

Acq: 13 Oct 2018 10:01

Instrument :

BNA_G

ClientSampled :

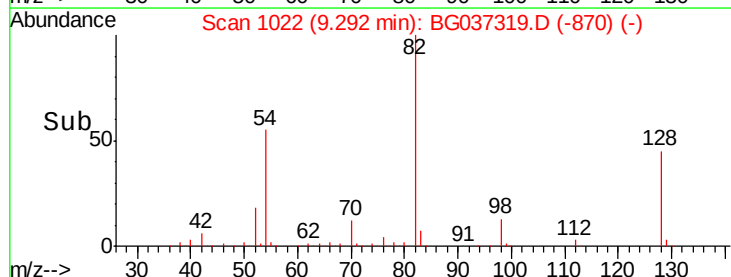
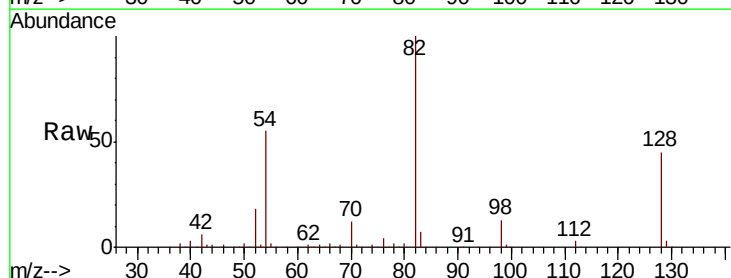
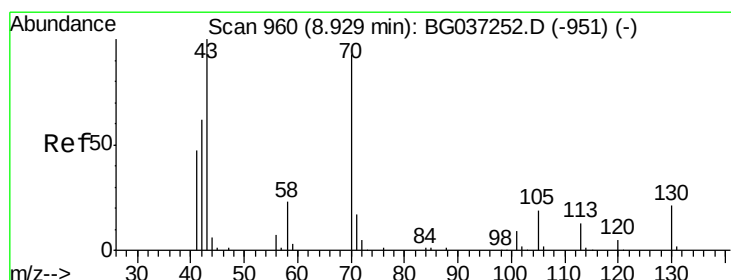
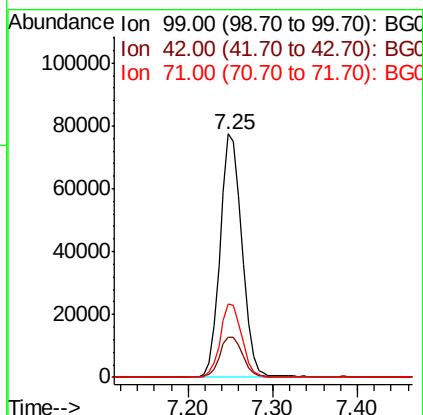
Tot Ion: 99 Resp: 139199

Ion Ratio Lower Upper

99 100

42 16.4 15.0 22.4

71 30.0 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.714 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037319.D

Acq: 13 Oct 2018 10:01

Tgt Ion: 70 Resp: 57412

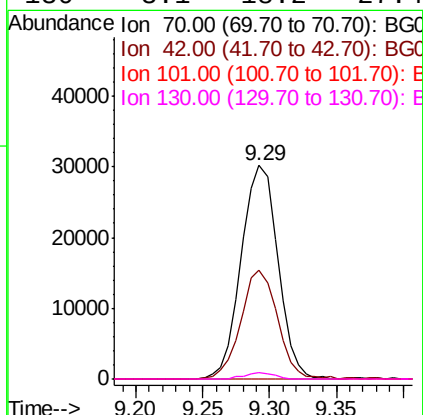
Ion Ratio Lower Upper

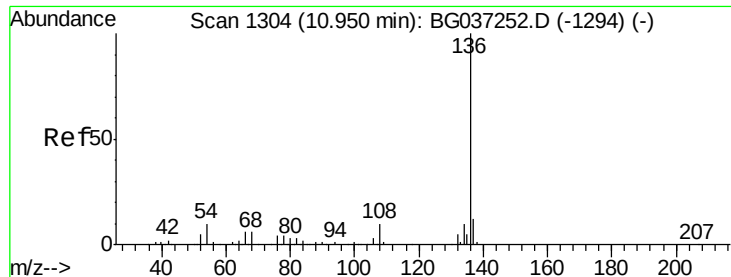
70 100

42 50.9 53.9 80.9#

101 0.0 8.2 12.2#

130 3.1 18.2 27.4#

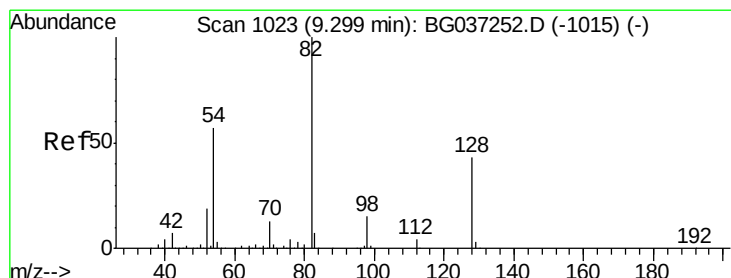
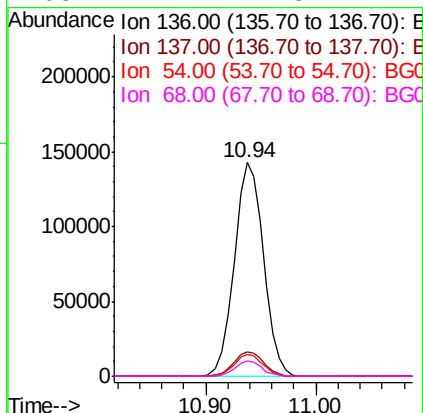
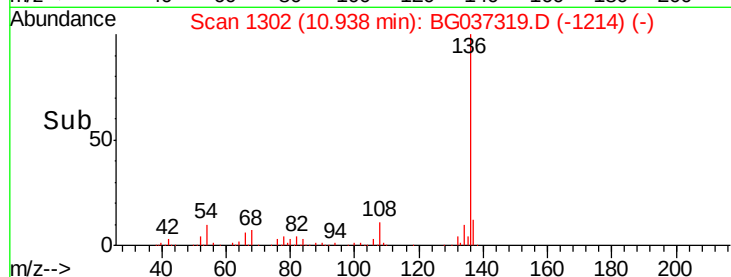
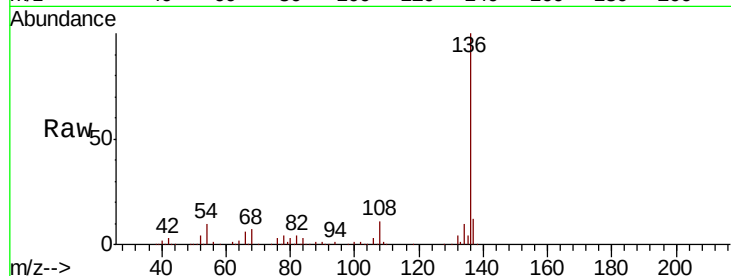




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037319.D
Acq: 13 Oct 2018 10:01

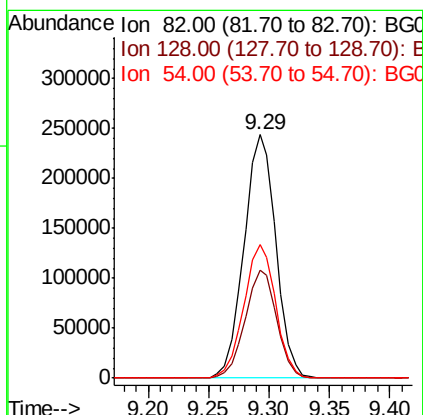
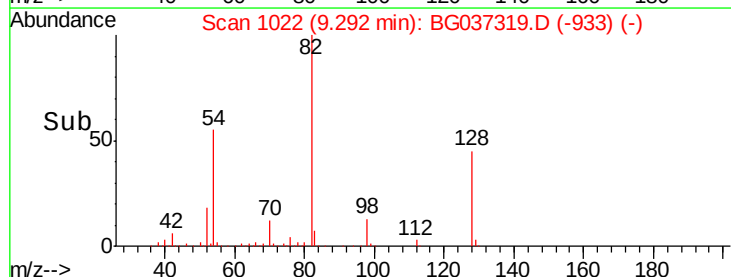
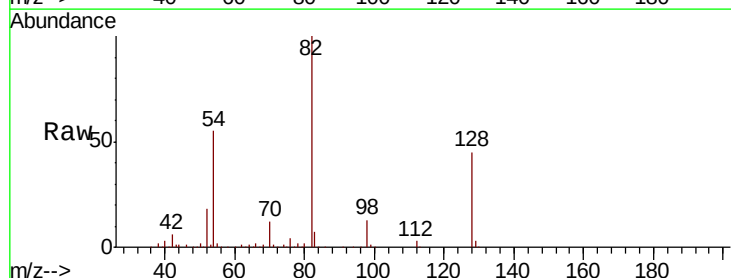
Instrument :
BNA_G
ClientSampleId :

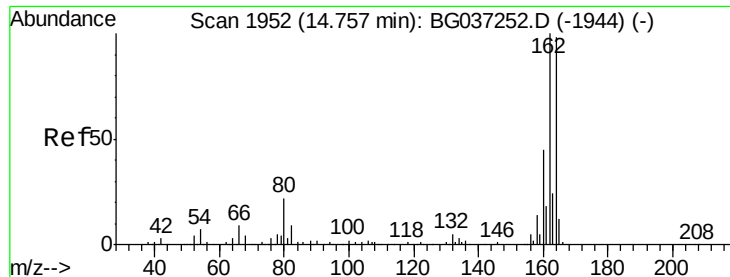
Tot Ion:136	Resp:	264241
Ion Ratio	Lower	Upper
136 100		
137 11.7	9.6	14.4
54 10.0	7.9	11.9
68 7.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 111.499 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037319.D
Acq: 13 Oct 2018 10:01

Tgt Ion: 82	Resp: 448136
Ion Ratio	Lower Upper
82 100	
128 44.5	34.6 51.8
54 54.9	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: BG037319.D

Acq: 13 Oct 2018 10:01

Instrument :

BNA_G

ClientSampleId :

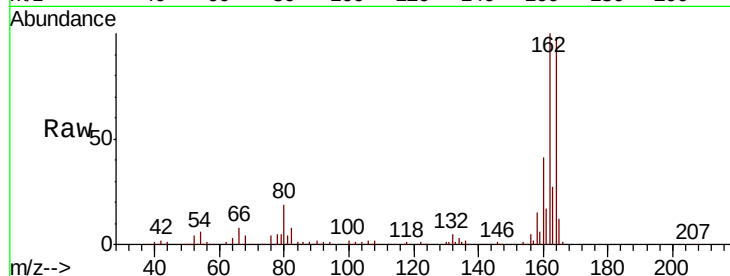
Tot Ion:164 Resp: 182386

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

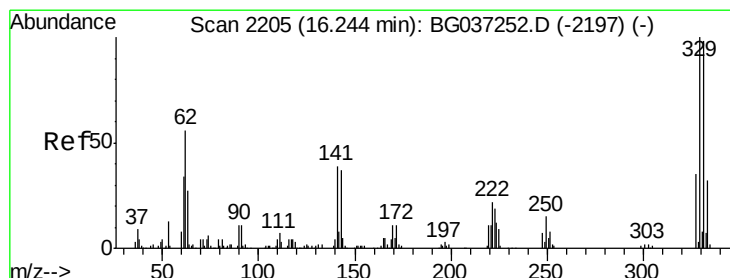
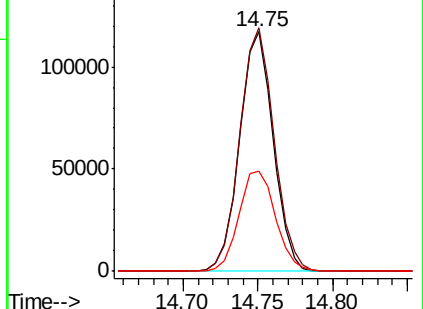
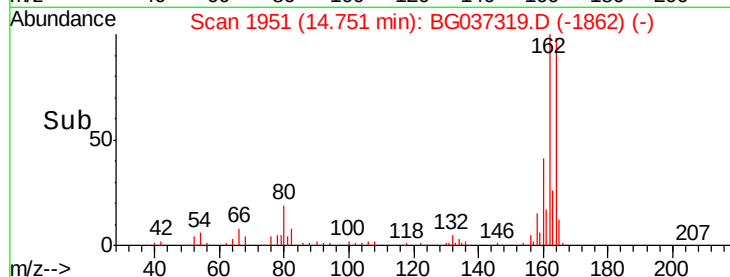
160 41.8 36.3 54.5



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: 109.230 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037319.D

Acq: 13 Oct 2018 10:01

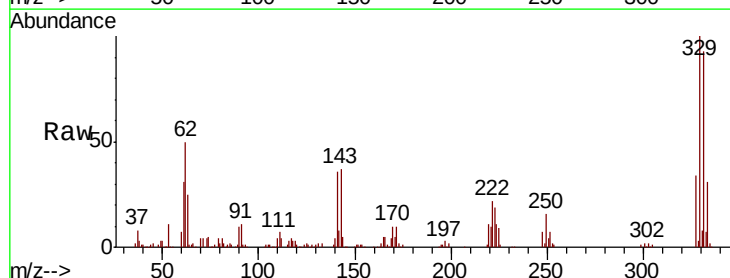
Tgt Ion:330 Resp: 195380

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

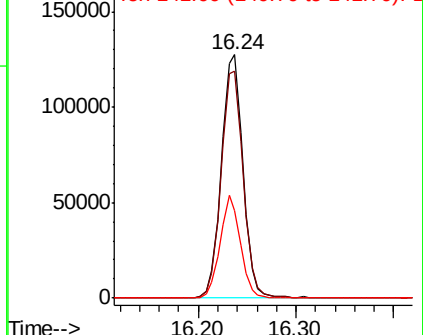
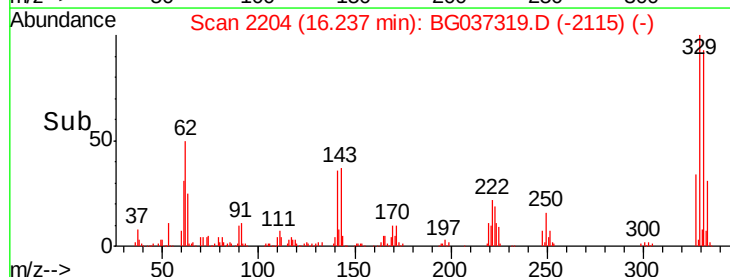
141 39.6 32.2 48.2

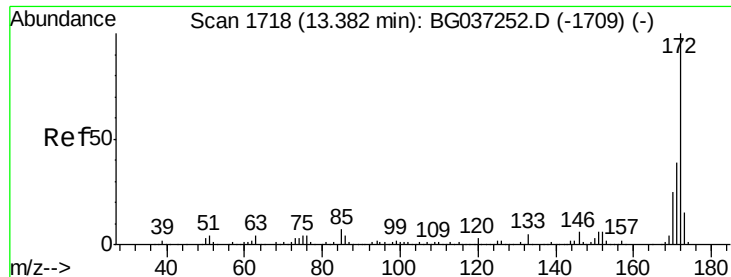


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

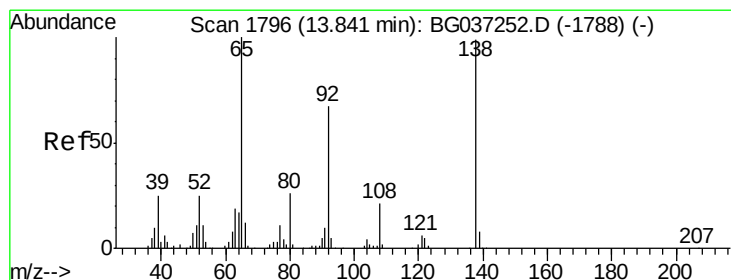
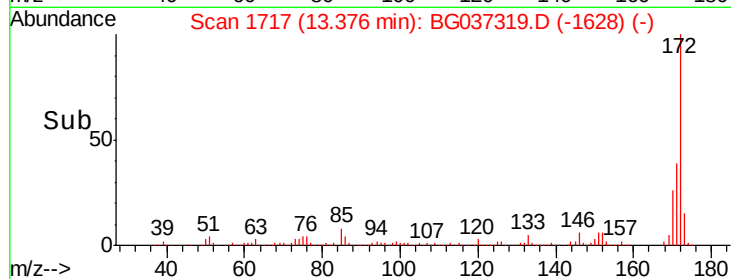
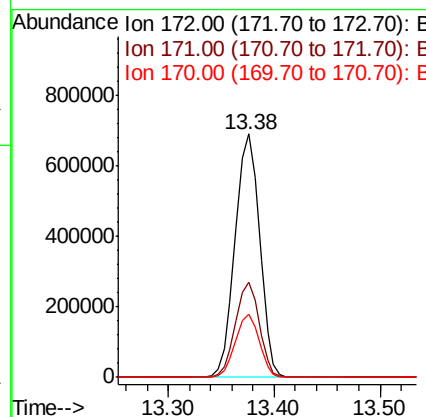
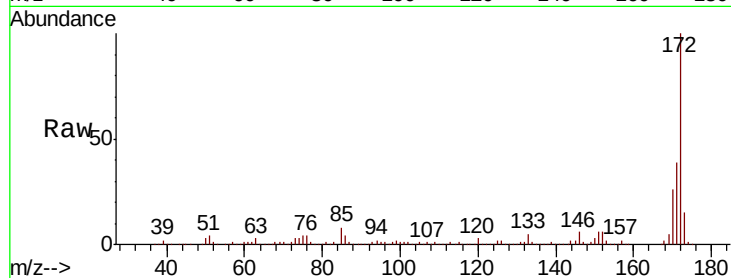




#45
2-Fluorobiphenyl
Concen: 91.158 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037319.D
Acq: 13 Oct 2018 10:01

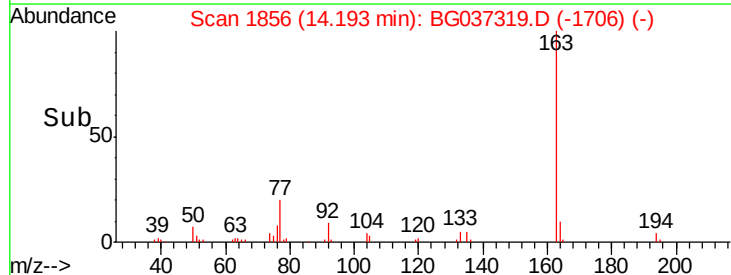
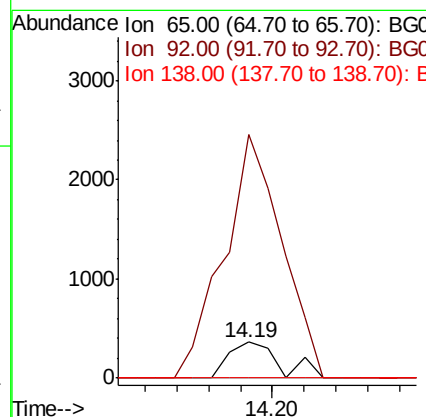
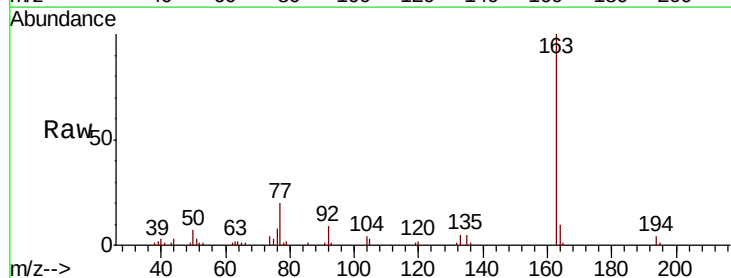
Instrument :
BNA_G
ClientSampled :

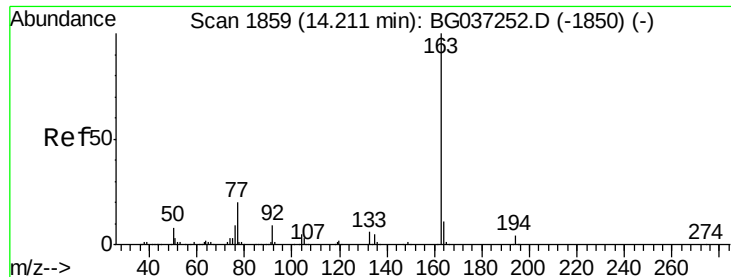
Tot Ion:172 Resp: 1107091
Ion Ratio Lower Upper
172 100
171 38.9 31.0 46.4
170 25.8 20.2 30.2



#48
2-Nitroaniline
Concen: 5.869 ng
RT: 14.19 min Scan# 1856
Delta R.T. 0.35 min
Lab File: BG037319.D
Acq: 13 Oct 2018 10:01

Tgt Ion: 65 Resp: 397
Ion Ratio Lower Upper
65 100
92 678.7 53.2 79.8#
138 0.0 79.3 118.9#





#50

Dimethylphthalate

Concen: 2.791 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037319.D

Acq: 13 Oct 2018 10:01

Instrument :

BNA_G

ClientSampleId :

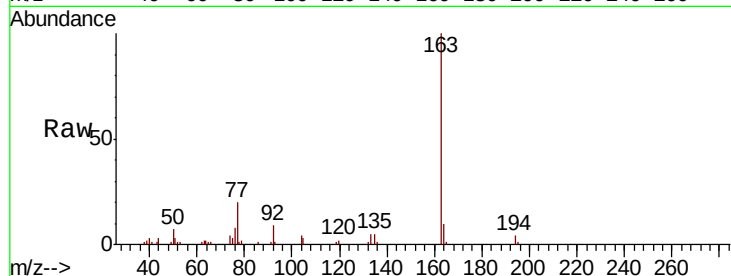
Tot Ion:163 Resp: 40003

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

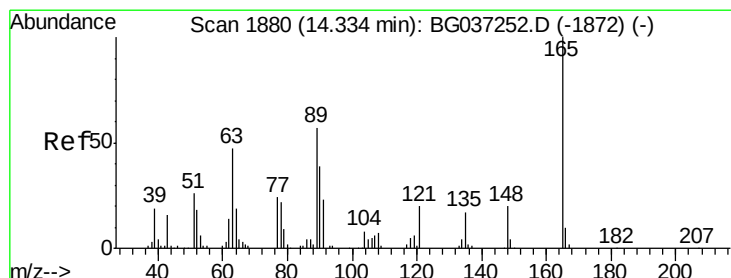
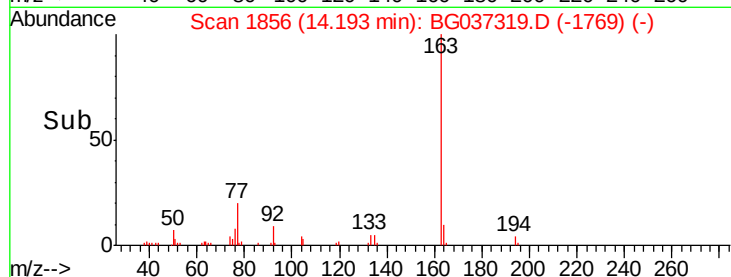
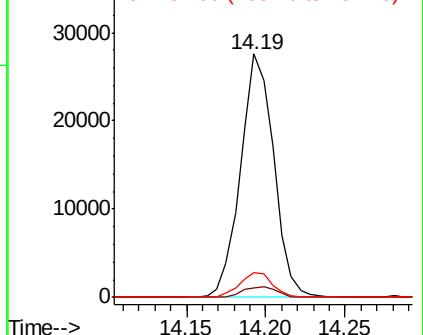
164 10.2 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 12.217 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.42 min

Lab File: BG037319.D

Acq: 13 Oct 2018 10:01

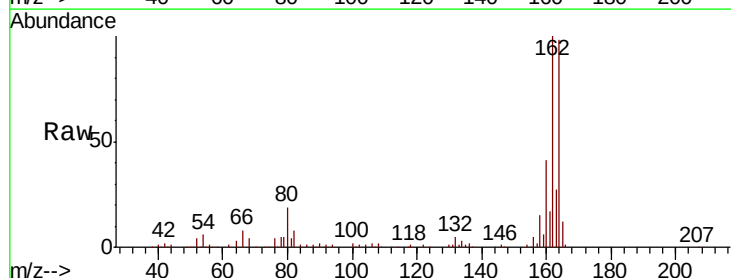
Tgt Ion:165 Resp: 22918

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

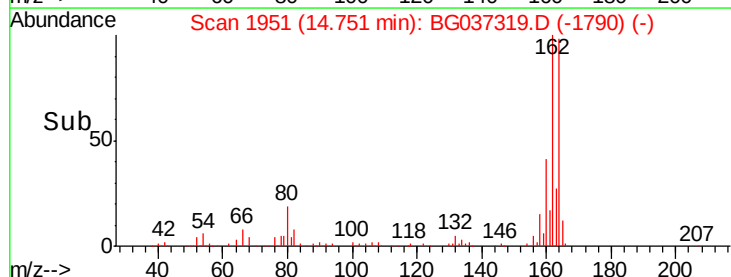
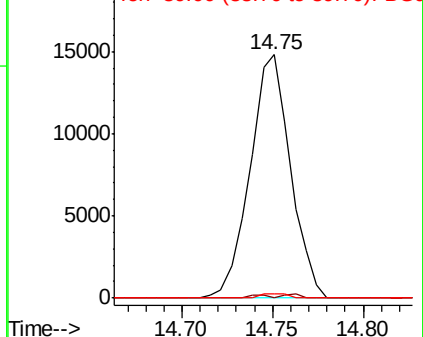
89 1.7 45.8 68.6#

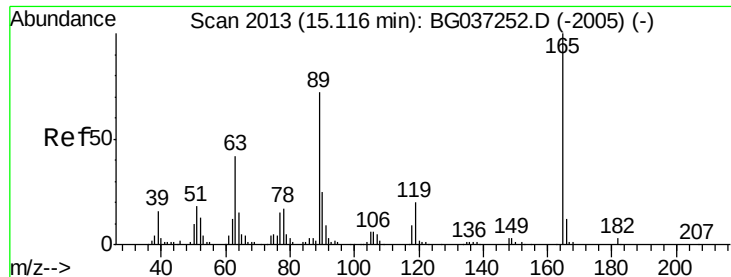


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

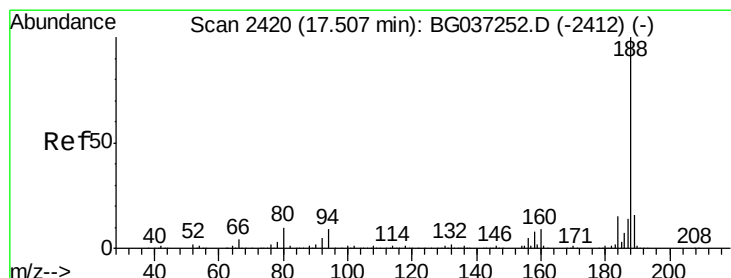
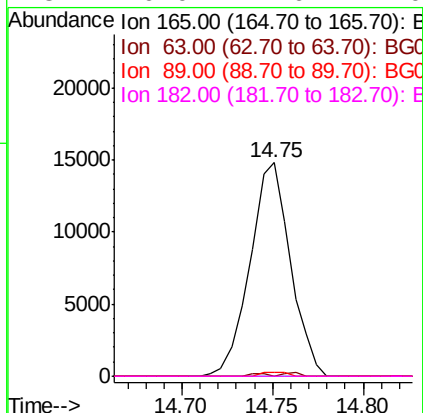
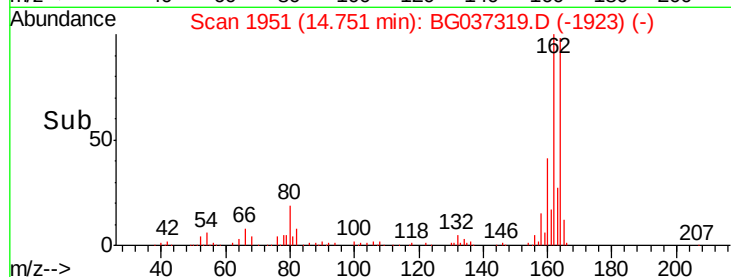
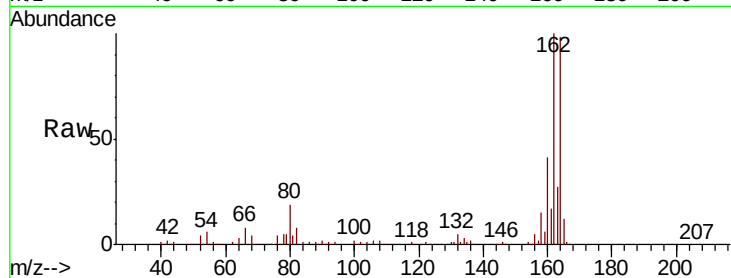




#57
 2,4-Dinitrotoluene
 Concen: 11.114 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG037319.D
 Acq: 13 Oct 2018 10:01

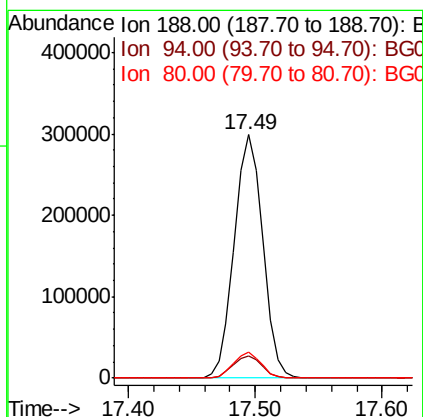
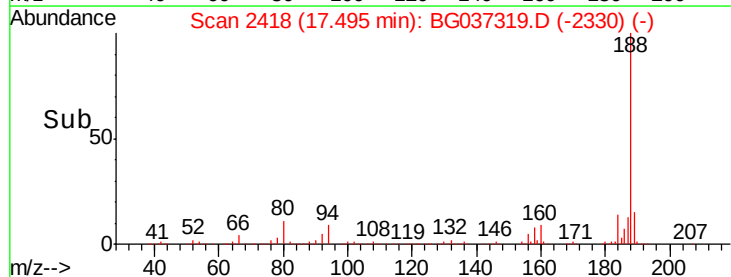
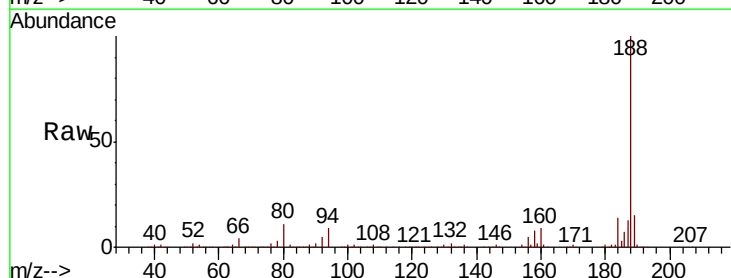
Instrument :
 BNA_G
 ClientSampleId :

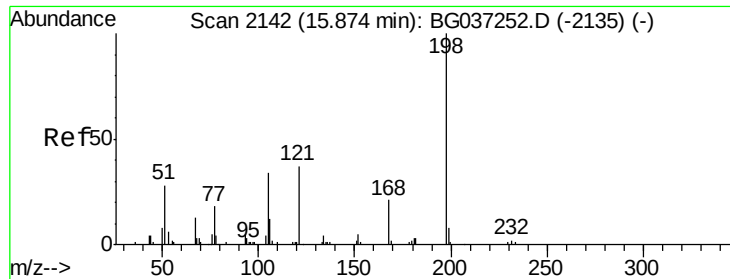
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG037319.D
 Acq: 13 Oct 2018 10:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.8	7.7	11.5

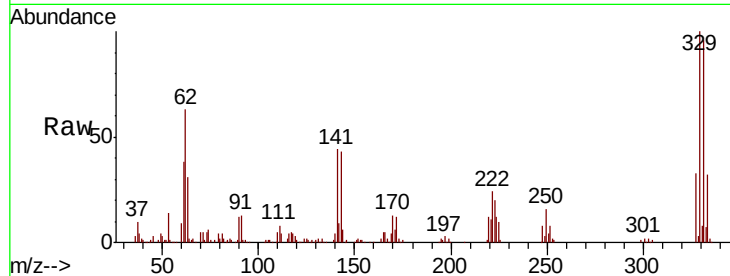




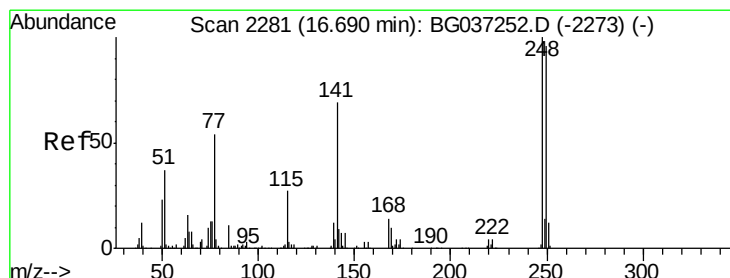
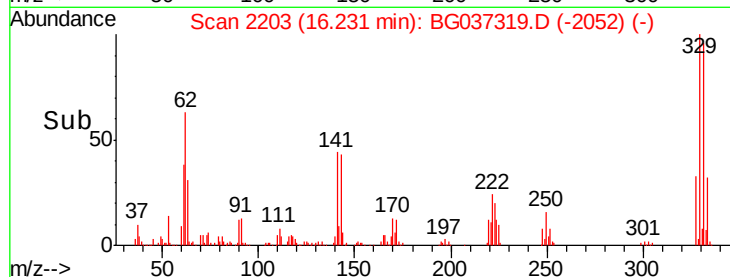
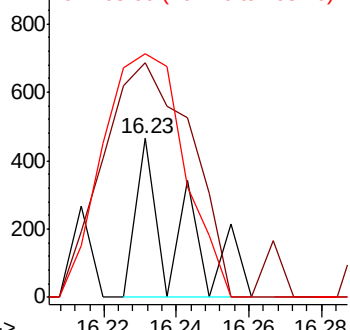
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.162 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. 0.36 min
 Lab File: BG037319.D
 Acq: 13 Oct 2018 10:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 360
 Ion Ratio Lower Upper
 198 100
 51 29.7 22.7 62.7
 105 30.9 19.7 59.7

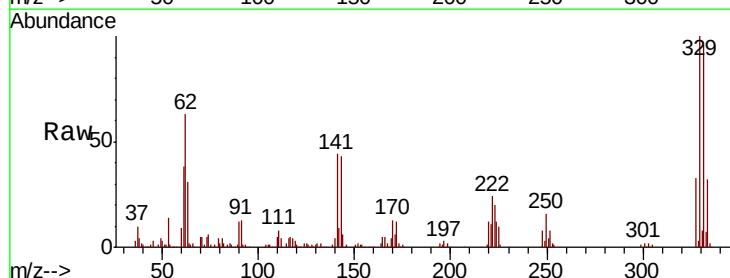


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

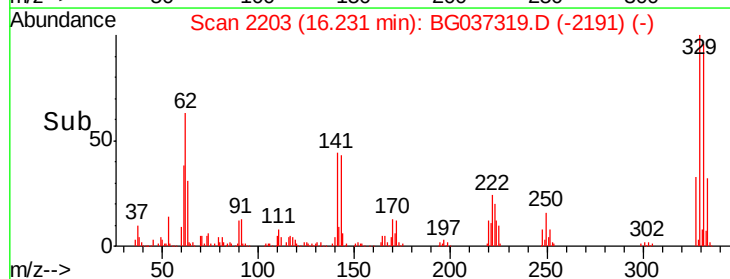
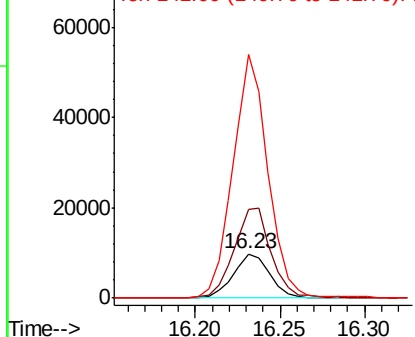


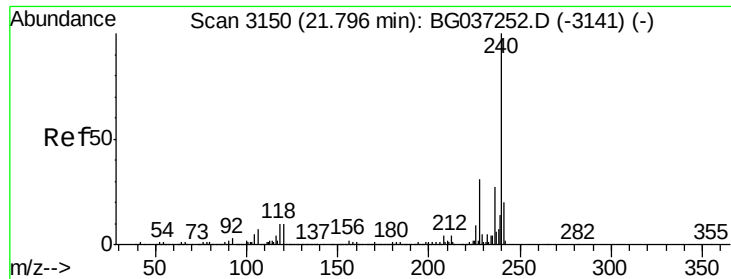
#67
 4-Bromophenyl-phenylether
 Concen: 2.925 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.46 min
 Lab File: BG037319.D
 Acq: 13 Oct 2018 10:01

Tgt Ion:248 Resp: 14685
 Ion Ratio Lower Upper
 248 100
 250 189.7 77.0 115.6#
 141 411.1 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

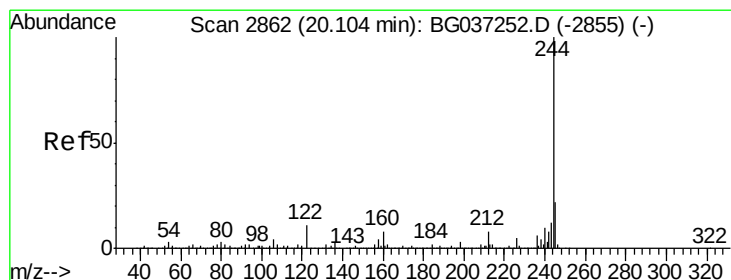
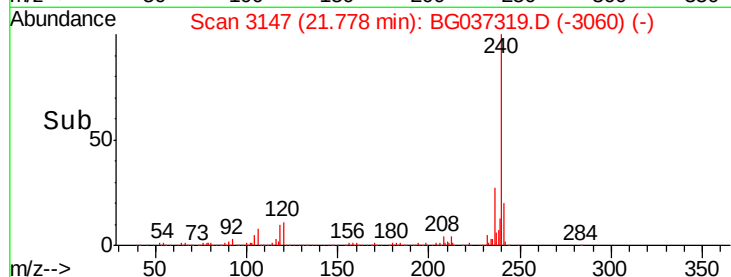
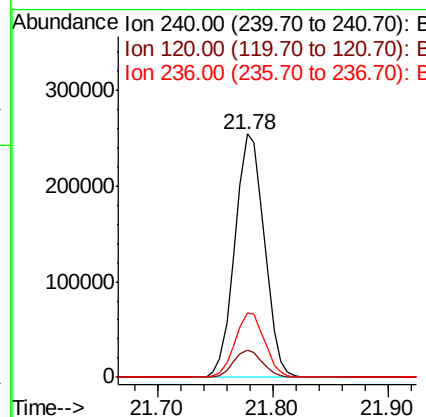
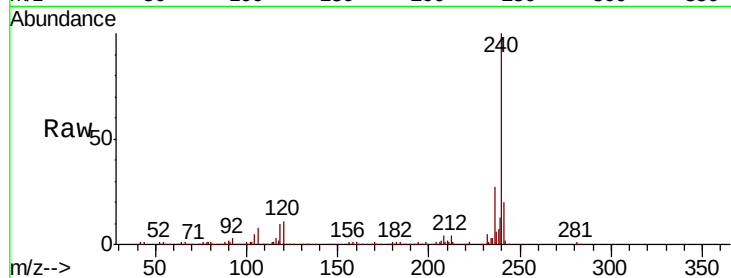




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.02 min
 Lab File: BG037319.D
 Acq: 13 Oct 2018 10:01

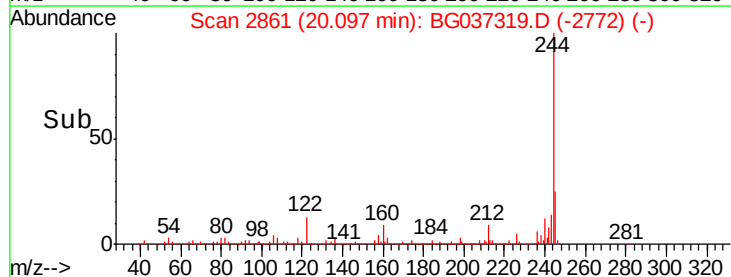
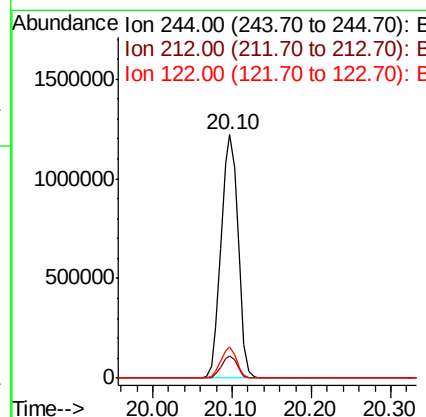
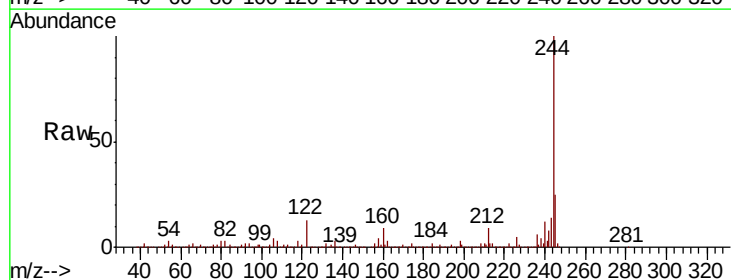
Instrument :
 BNA_G
 ClientSampleId :

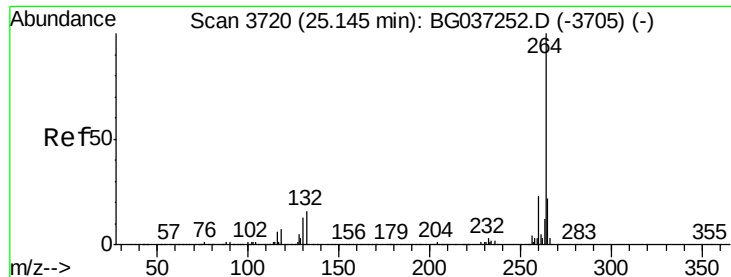
Tot Ion:240 Resp: 451492
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.1 12.1
 236 26.6 21.4 32.0



#79
 Terphenyl-d14
 Concen: 84.070 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG037319.D
 Acq: 13 Oct 2018 10:01

Tgt Ion:244 Resp: 1807699
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.5 9.7
 122 12.5 9.0 13.4





#87
Pervlone-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG037319.D
Acq: 13 Oct 2018 10:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	458126
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.0	17.9	26.9

