

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038201.D
 Acq On : 28 Nov 2018 14:58
 Operator : JU/SJ
 Sample : J6070-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 28 15:34:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

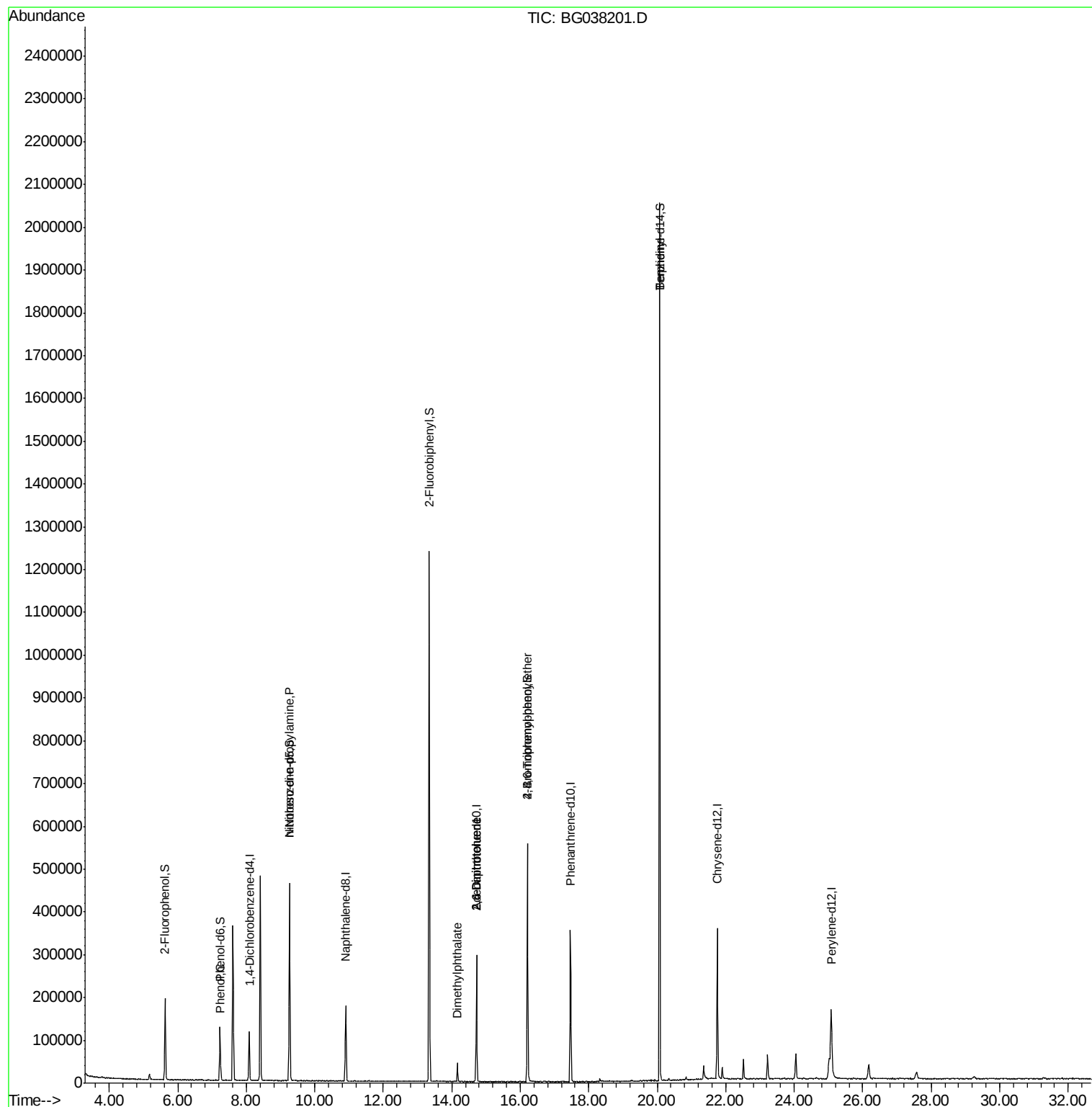
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	34708	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	159213	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	102471	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	233427	20.00	ng	0.00
76) Chrysene-d12	21.75	240	219416	20.00	ng	0.00
87) Perylene-d12	25.07	264	211770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	88315	43.93	ng	0.00
7) Phenol-d6	7.23	99	76435	26.64	ng	0.00
23) Nitrobenzene-d5	9.26	82	284516	95.66	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	101052	86.47	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	640203	91.02	ng	0.00
79) Terphenyl-d14	20.07	244	972255	104.26	ng	0.00
Target Compounds						
10) Phenol	7.25	94	6176	2.032	ng	87
19) n-Nitroso-di-n-propylamine	9.26	70	37315	17.972	ng	# 74
50) Dimethylphthalate	14.16	163	31022	3.819	ng	97
51) 2,6-Dinitrotoluene	14.72	165	12930	7.033	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	12930	5.169	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	7362	2.873	ng	# 1
77) Benzidine	20.07	184	17546	2.279	ng	# 94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038201.D
Acq On : 28 Nov 2018 14:58
Operator : JU/SJ
Sample : J6070-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 28 15:34:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration



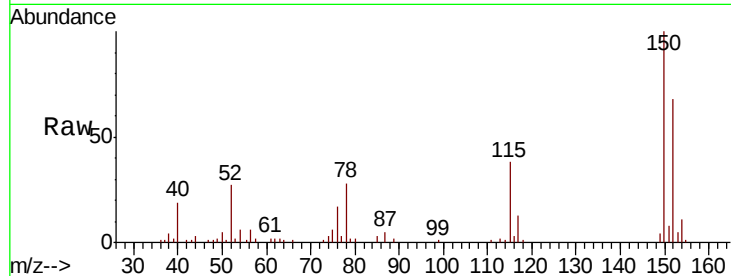


#1

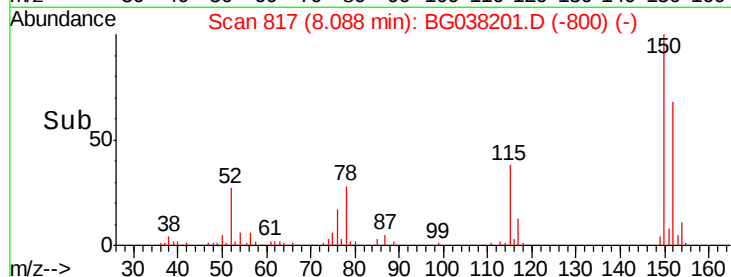
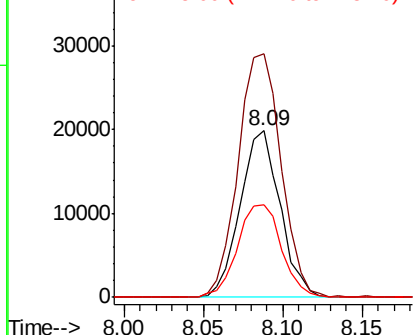
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34708
Ion Ratio Lower Upper
152 100
150 146.1 126.0 189.0
115 55.7 45.5 68.3



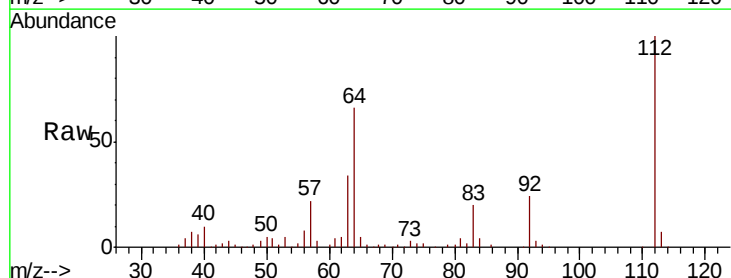
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



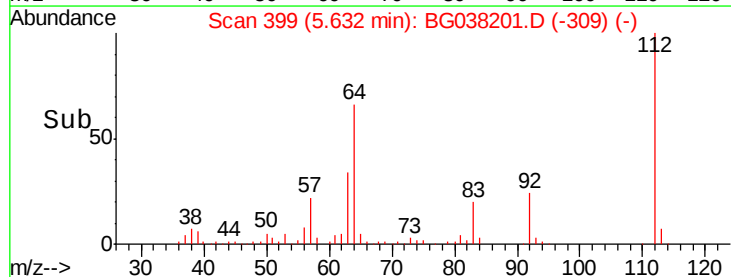
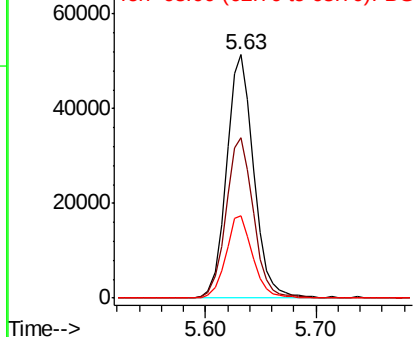
#5

2-Fluorophenol
Concen: 43.933 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Tgt Ion:112 Resp: 88315
Ion Ratio Lower Upper
112 100
64 66.0 53.1 79.7
63 33.7 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: 26.637 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038201.D

Acq: 28 Nov 2018 14:58

Instrument :

BNA_G

ClientSampled :

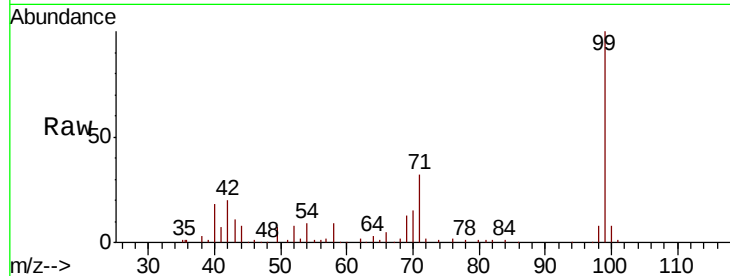
Tot Ion: 99 Resp: 76435

Ion Ratio Lower Upper

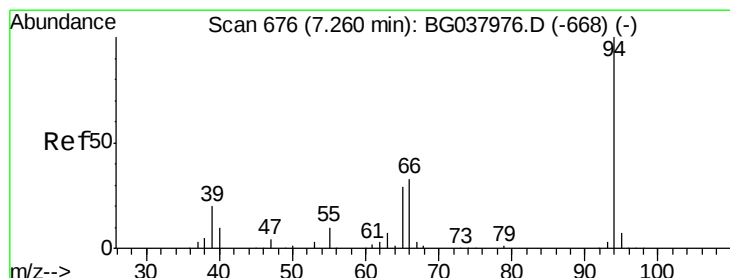
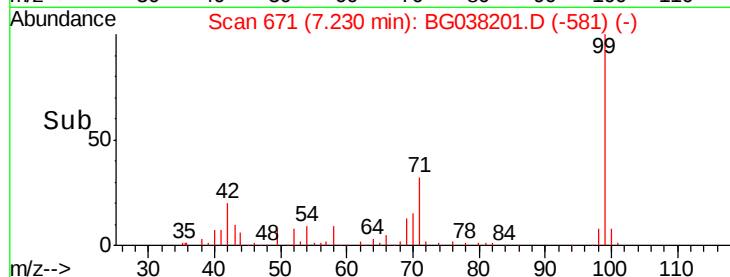
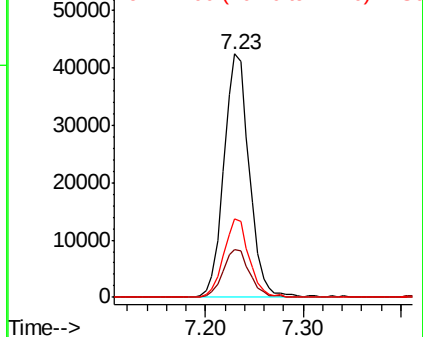
99 100

42 19.9 15.0 22.4

71 32.2 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



#10

Phenol

Concen: 2.032 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038201.D

Acq: 28 Nov 2018 14:58

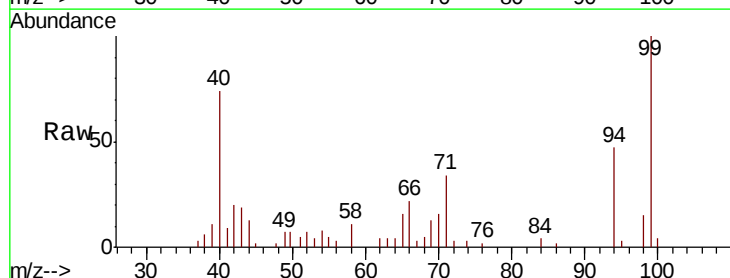
Tgt Ion: 94 Resp: 6176

Ion Ratio Lower Upper

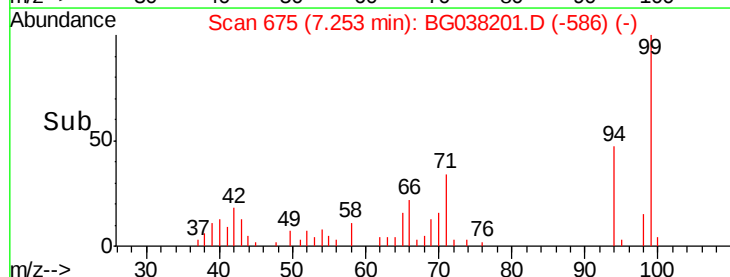
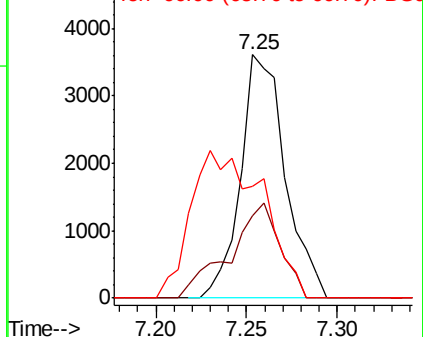
94 100

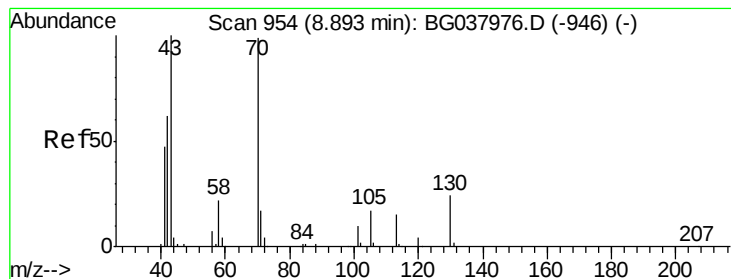
65 34.1 9.7 49.7

66 45.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 17.972 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038201.D

Acq: 28 Nov 2018 14:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 37315

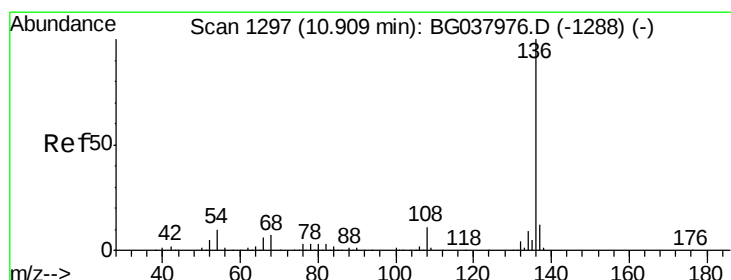
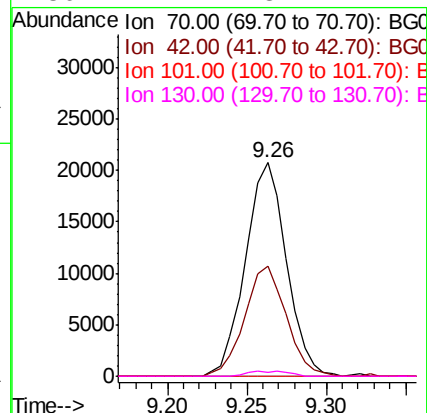
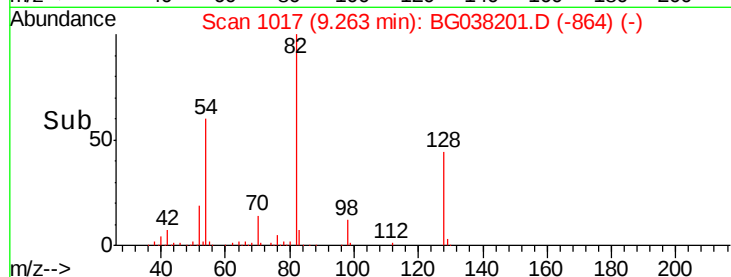
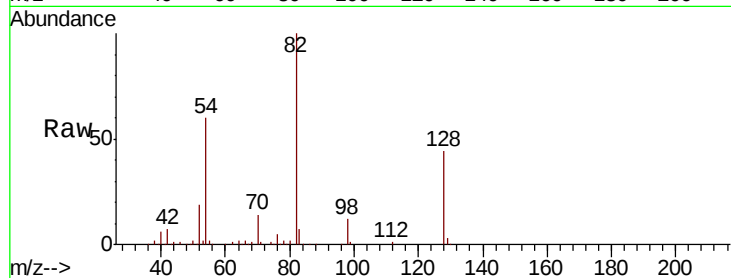
Ion Ratio Lower Upper

70 100

42 51.3 53.9 80.9#

101 0.0 8.2 12.2#

130 1.7 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038201.D

Acq: 28 Nov 2018 14:58

Tgt Ion: 136 Resp: 159213

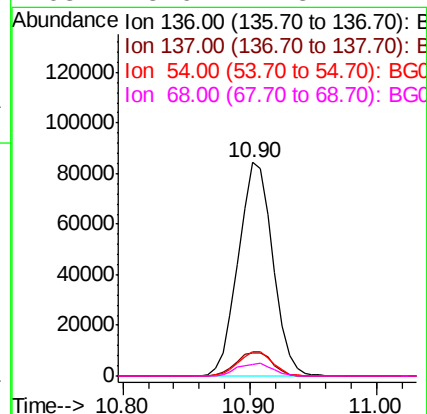
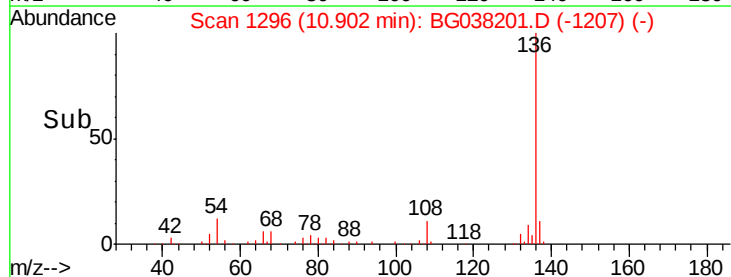
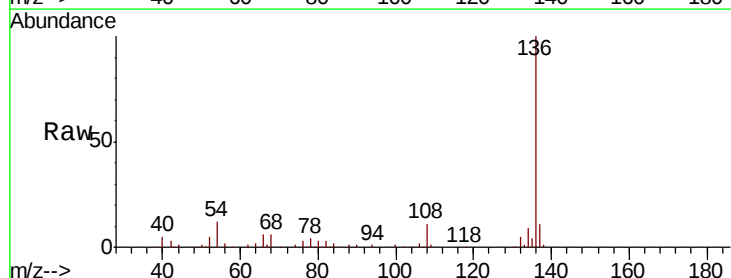
Ion Ratio Lower Upper

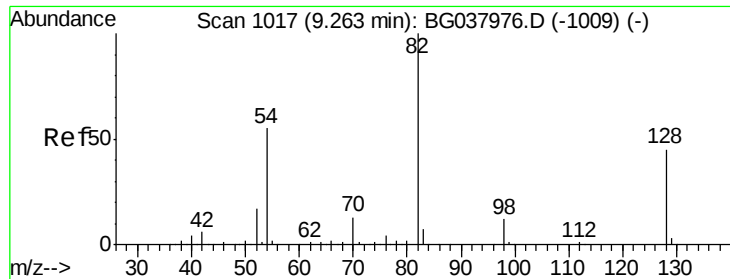
136 100

137 11.0 9.6 14.4

54 11.5 7.9 11.9

68 5.6 4.8 7.2

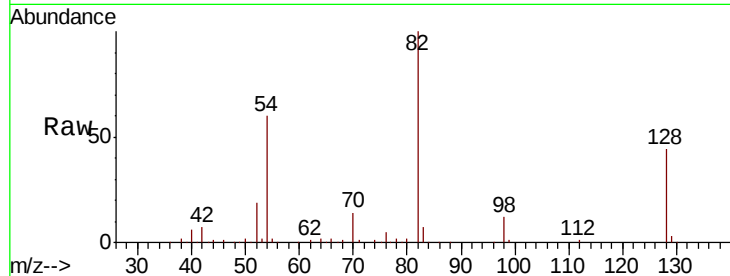




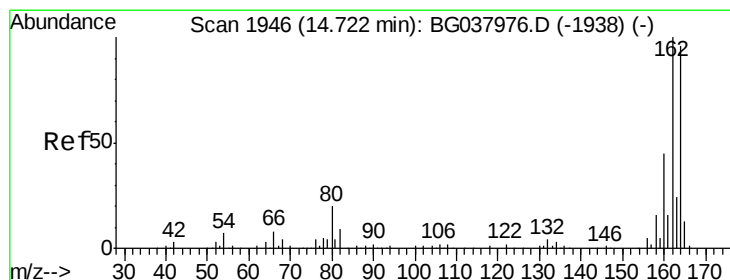
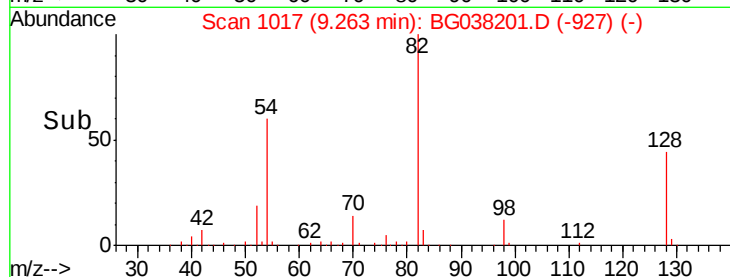
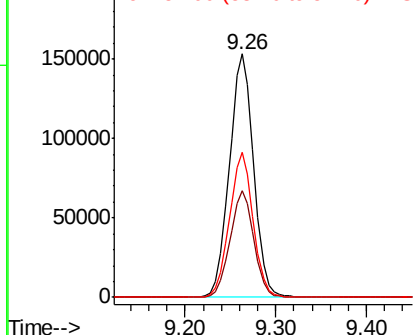
#23
Nitrobenzene-d5
Concen: 95.660 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	284516
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
128	43.8		
54	59.6		
	45.3		
	67.9		

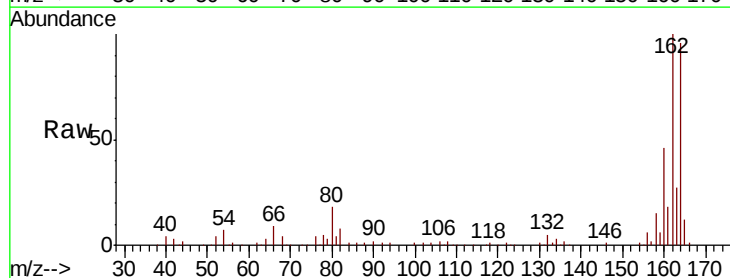


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

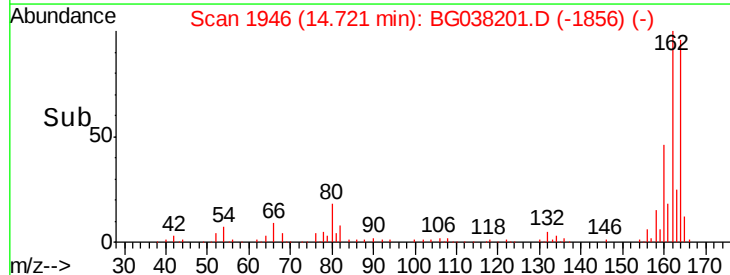
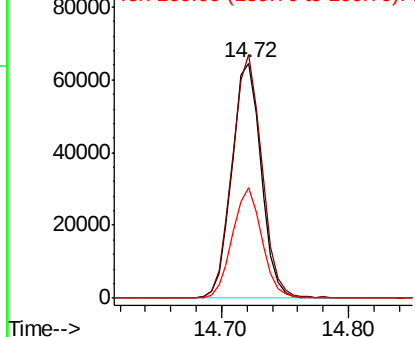


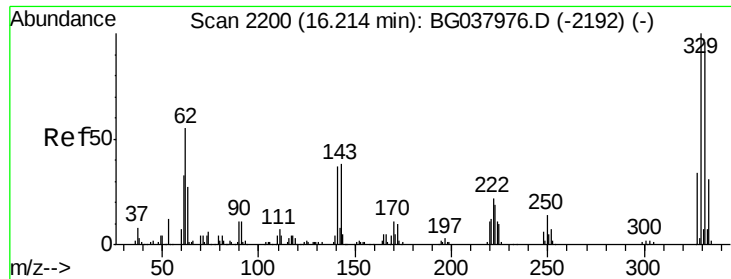
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Tgt Ion	164	Resp	102471
Ion Ratio	100		
Lower	81.3		
Upper	121.9		
162	103.6		
160	47.3		
	36.3		
	54.5		



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

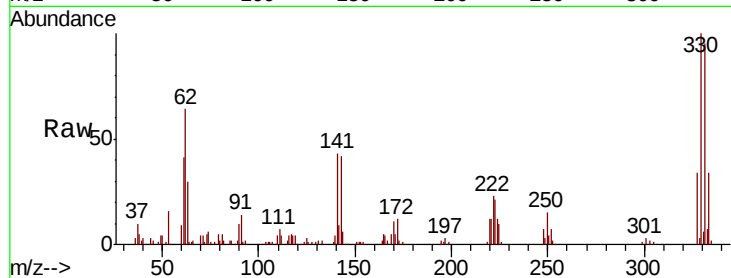




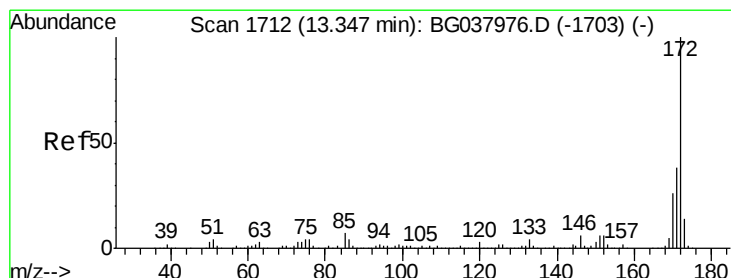
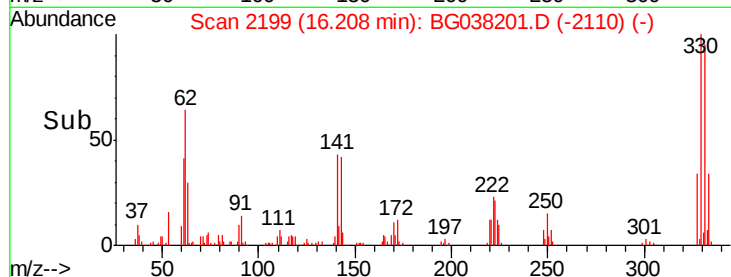
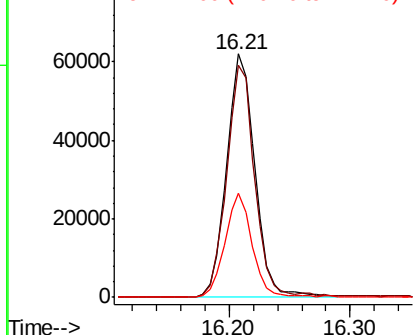
#42
 2,4,6-Tribromophenol
 Concen: 86.468 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038201.D
 Acq: 28 Nov 2018 14:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 101052
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.4 117.6
 141 40.8 32.2 48.2

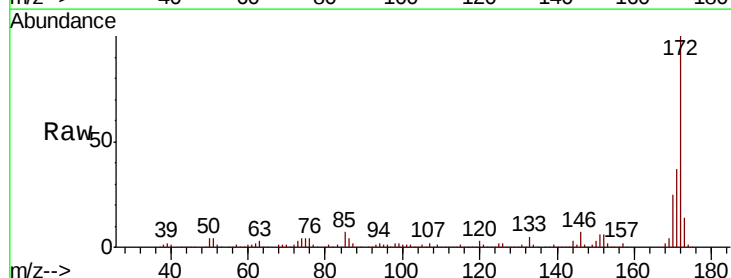


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

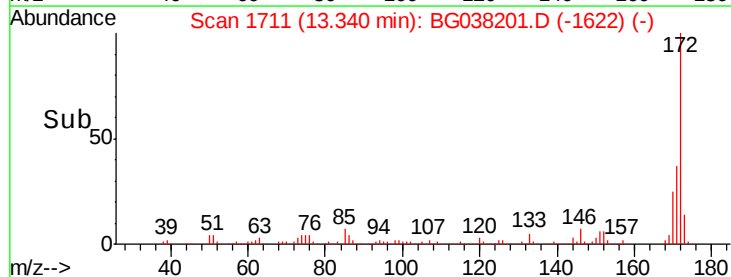
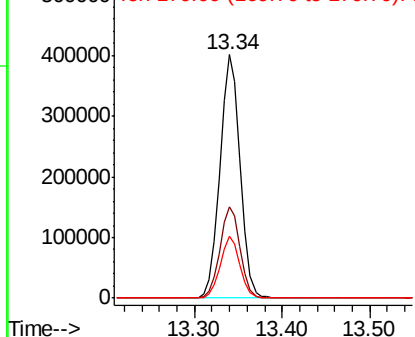


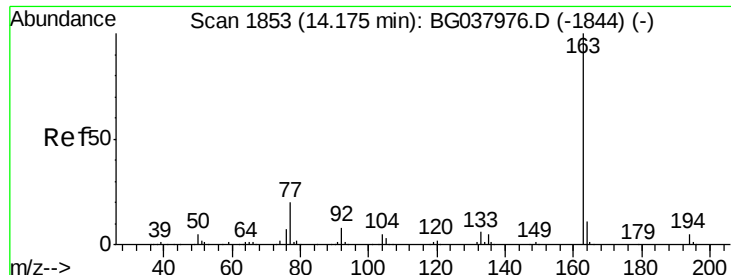
#45
 2-Fluorobiphenyl
 Concen: 91.019 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038201.D
 Acq: 28 Nov 2018 14:58

Tgt Ion:172 Resp: 640203
 Ion Ratio Lower Upper
 172 100
 171 37.4 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

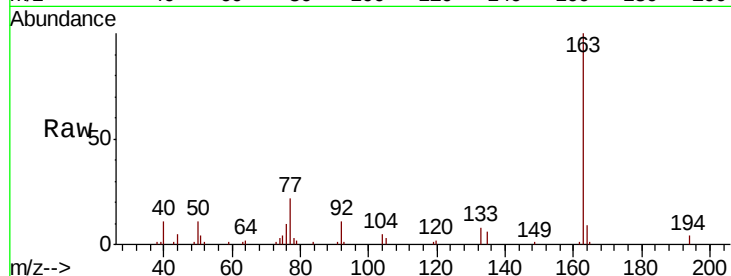




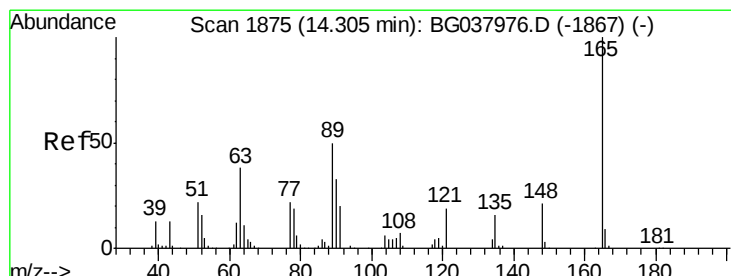
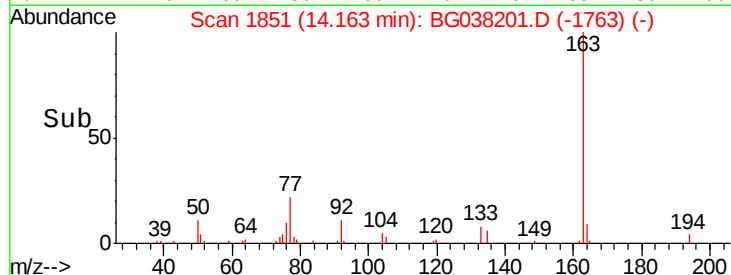
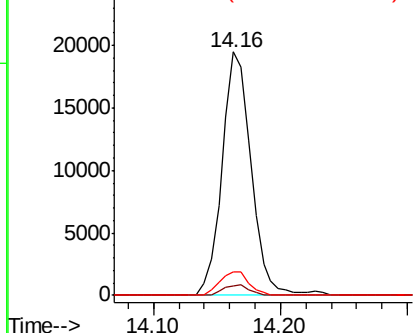
#50
Dimethylphthalate
Concen: 3.819 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 31022
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 9.5 8.5 12.7

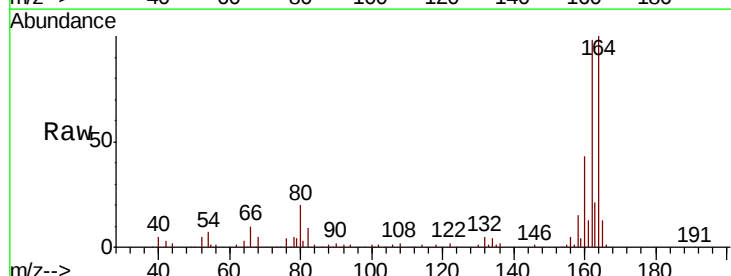


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

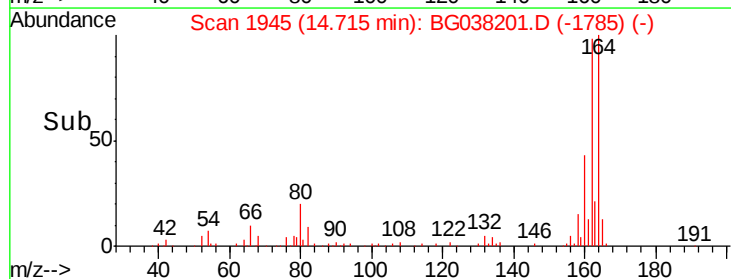
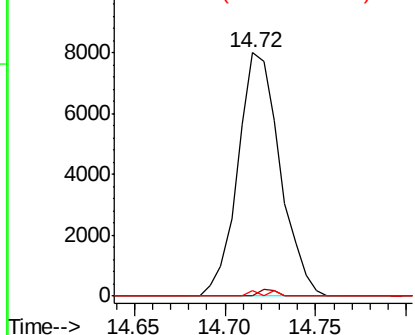


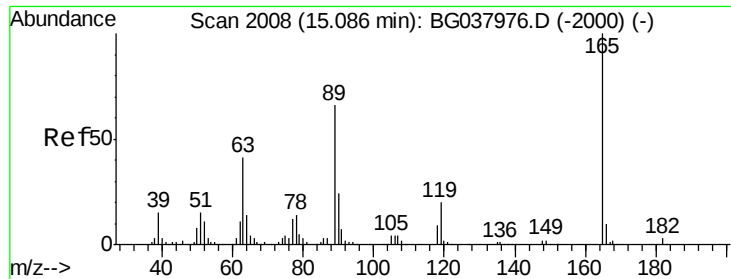
#51
2,6-Dinitrotoluene
Concen: 7.033 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Tgt Ion:165 Resp: 12930
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 2.4 45.8 68.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0

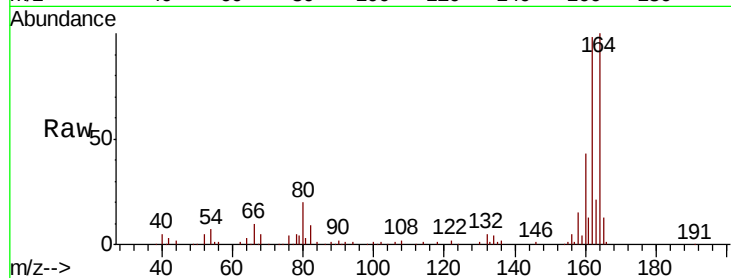




#57
 2,4-Dinitrotoluene
 Concen: 5.169 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038201.D
 Acq: 28 Nov 2018 14:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.4	57.2	85.8#
182	0.0	2.6	4.0#



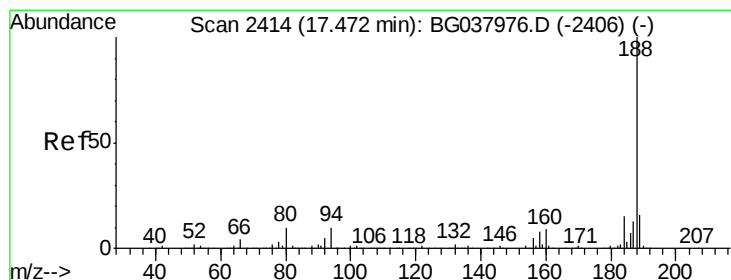
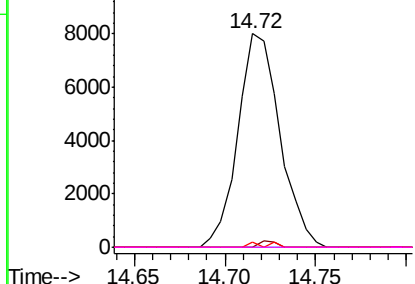
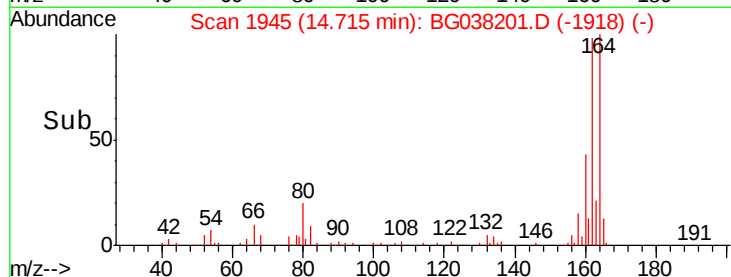
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

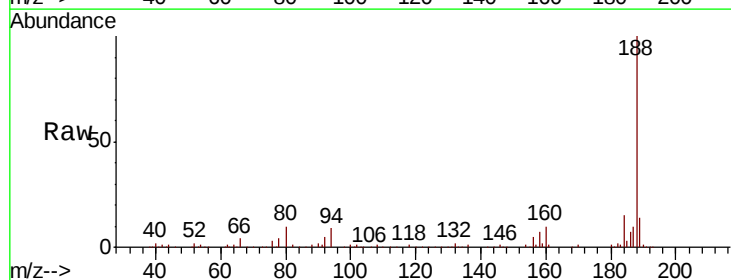
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038201.D
 Acq: 28 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	10.3	7.7	11.5

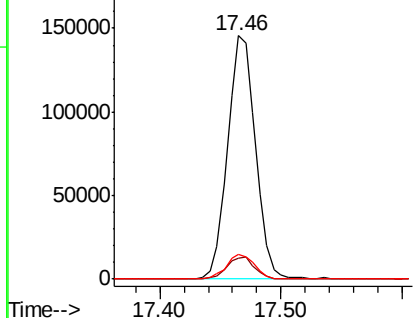
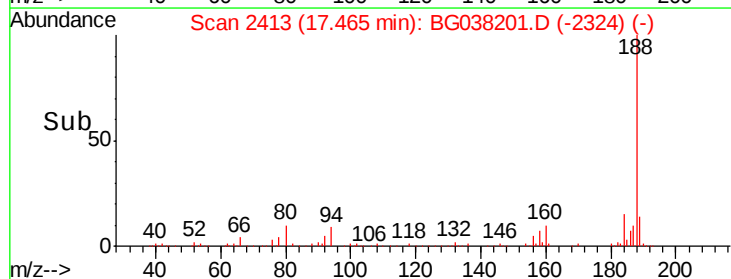


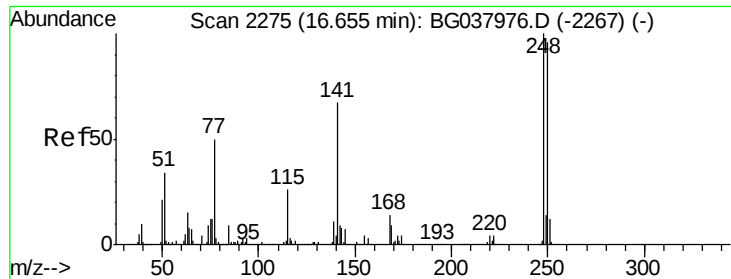
Abundance

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

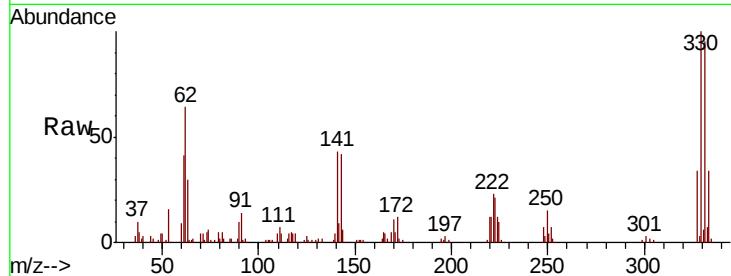




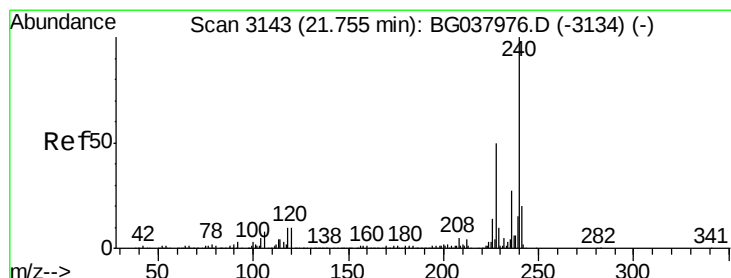
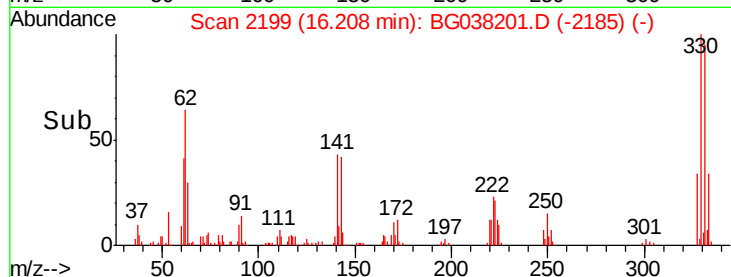
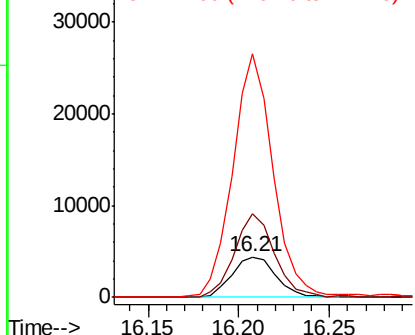
#67
4-Bromophenyl-phenylether
Concen: 2.873 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 7362
Ion Ratio Lower Upper
248 100
250 186.2 77.0 115.6#
141 434.7 55.5 83.3#

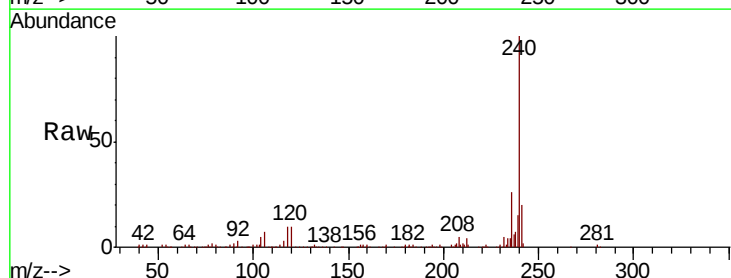


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

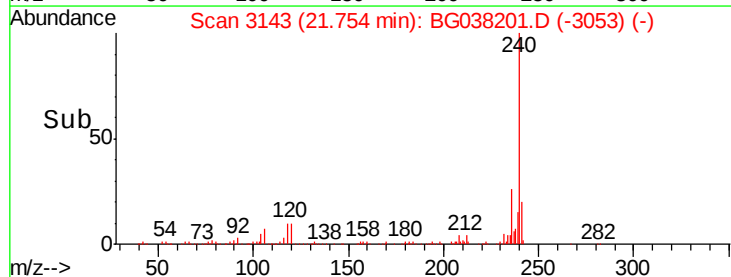
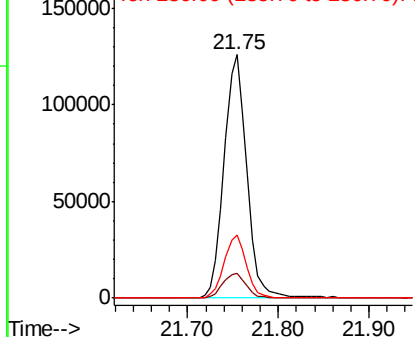


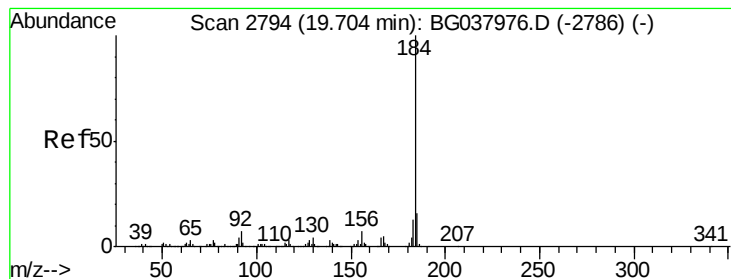
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Tgt Ion:240 Resp: 219416
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 26.1 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





#77

Benzidine

Concen: 2.279 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.36 min

Lab File: BG038201.D

Acq: 28 Nov 2018 14:58

Instrument :

BNA_G

ClientSampleId :

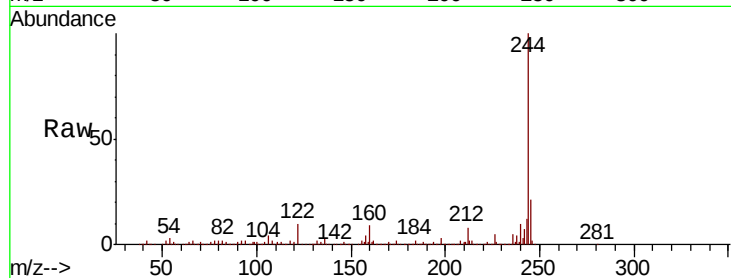
Tot Ion:184 Resp: 17546

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	7.9	10.2	15.2

184 100

185 15.9 12.6 18.8

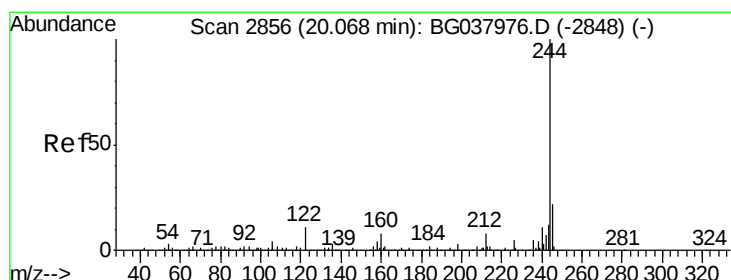
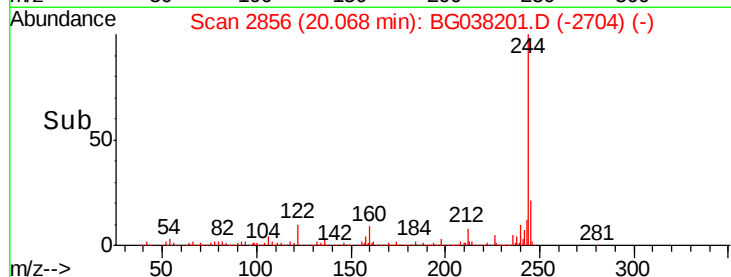
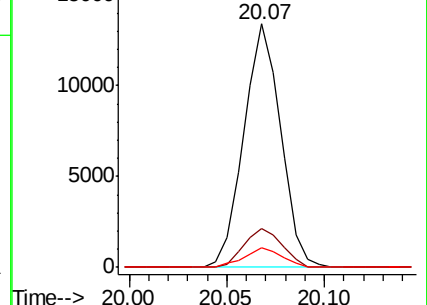
183 7.9 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 104.264 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038201.D

Acq: 28 Nov 2018 14:58

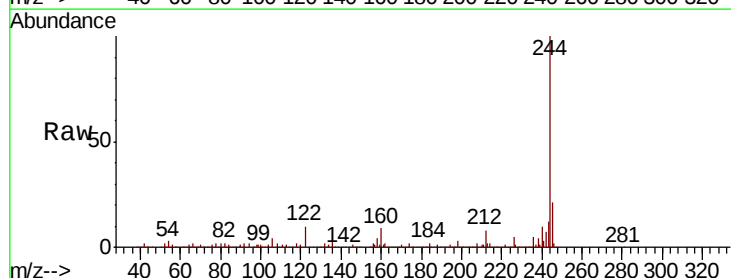
Tgt Ion:244 Resp: 972255

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.3	9.0	13.4

244 100

212 8.2 6.5 9.7

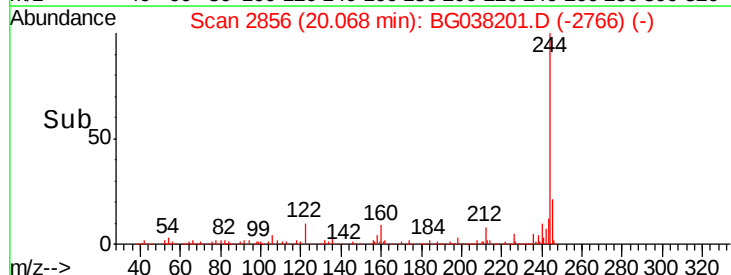
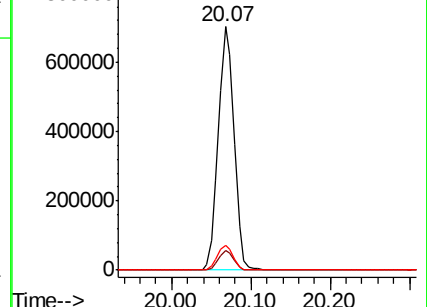
122 10.3 9.0 13.4

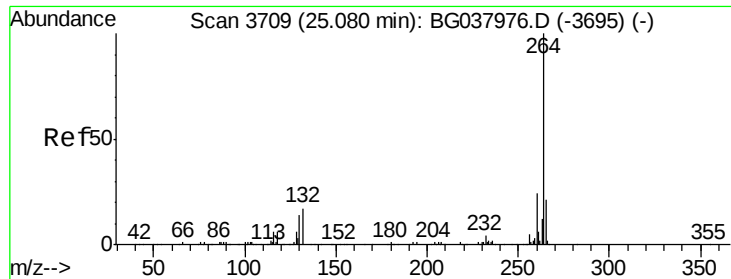


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038201.D
Acq: 28 Nov 2018 14:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	20.3	17.9	26.9

