

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038980.D
 Acq On : 7 Jan 2019 23:46
 Operator : JU/SJ
 Sample : K1010-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 03:12:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

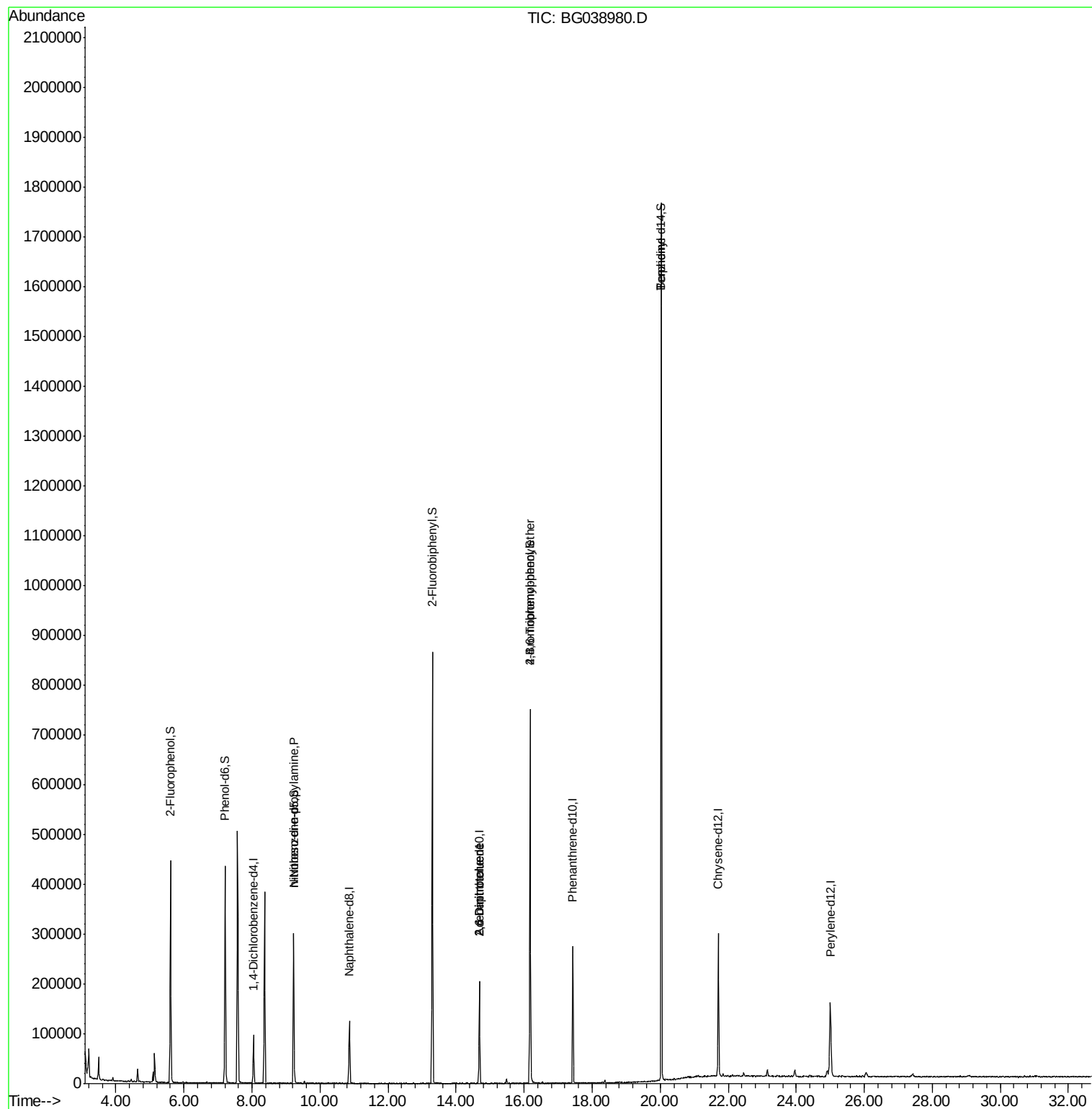
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	29204	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	112351	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	77263	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	185490	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	188884	20.00	ng	-0.02
87) Perylene-d12	25.00	264	198254	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	198097	120.31	ng	0.00
7) Phenol-d6	7.21	99	247229	109.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	183908	83.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	163526	153.57	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	491093	87.20	ng	-0.01
79) Terphenyl-d14	20.03	244	898433	103.52	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	25465	16.040	ng	# 69
51) 2,6-Dinitrotoluene	14.69	165	10037	7.020	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	10037	4.984	ng	# 21
67) 4-Bromophenyl-phenylether	16.17	248	10618	4.687	ng	# 1
77) Benzidine	20.03	184	14703	2.632	ng	100

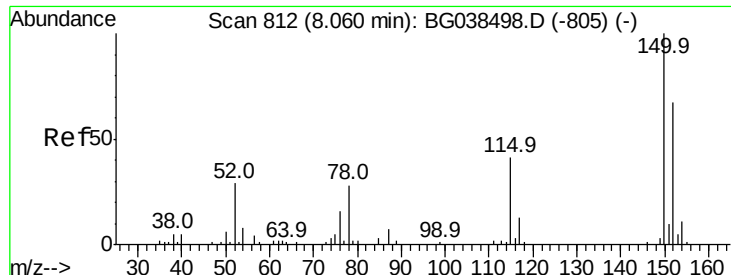
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038980.D
Acq On : 7 Jan 2019 23:46
Operator : JU/SJ
Sample : K1010-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 08 03:12:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



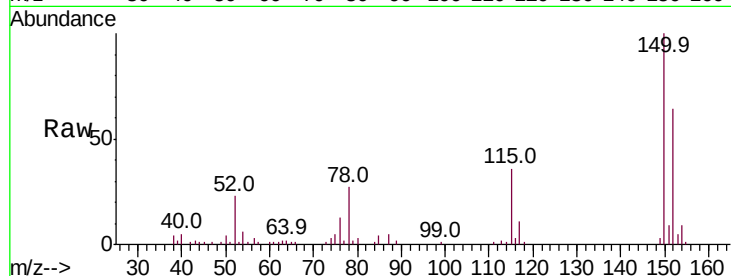


#1

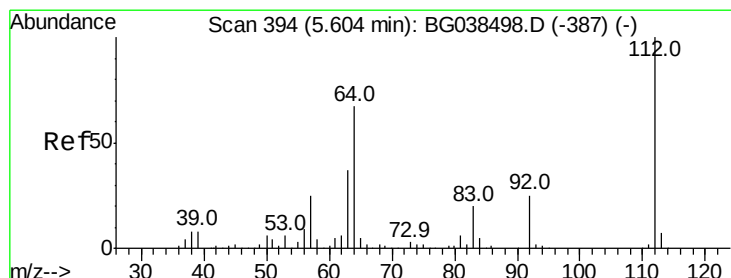
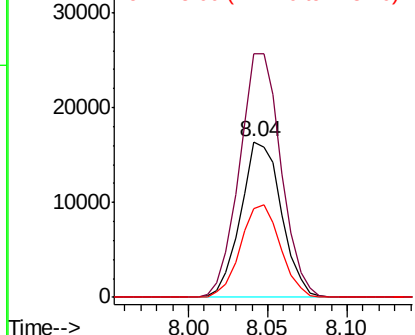
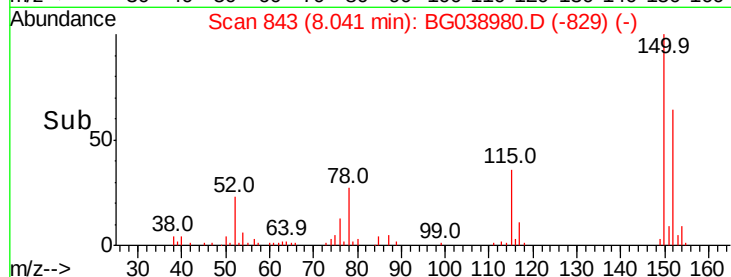
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038980.D
Acq: 7 Jan 2019 23:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29204
Ion Ratio Lower Upper
152 100
150 156.7 119.5 179.3
115 57.0 49.6 74.4



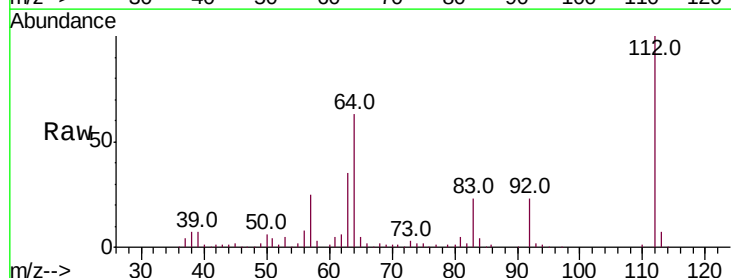
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



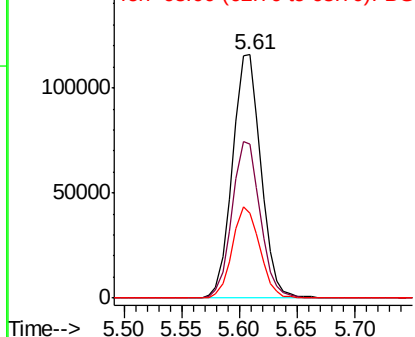
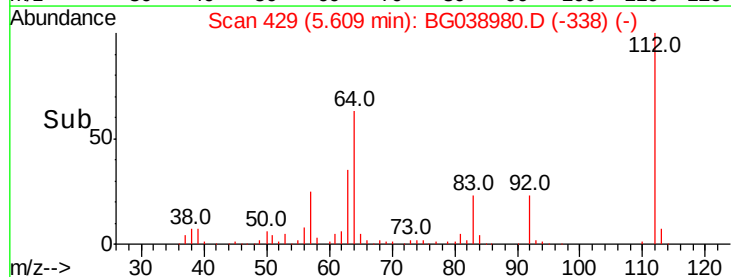
#5

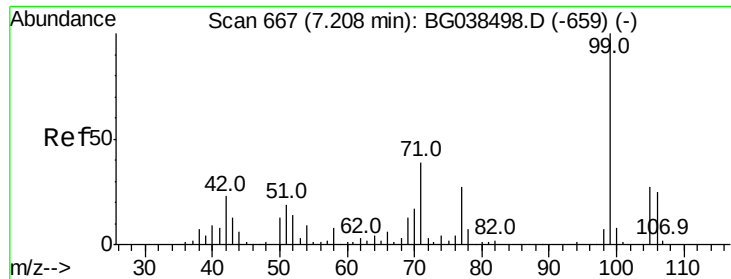
2-Fluorophenol
Concen: 120.311 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038980.D
Acq: 7 Jan 2019 23:46

Tgt Ion:112 Resp: 198097
Ion Ratio Lower Upper
112 100
64 63.3 53.4 80.2
63 35.0 29.3 43.9



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: 109.375 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038980.D

Acq: 7 Jan 2019 23:46

Instrument :

BNA_G

ClientSampleId :

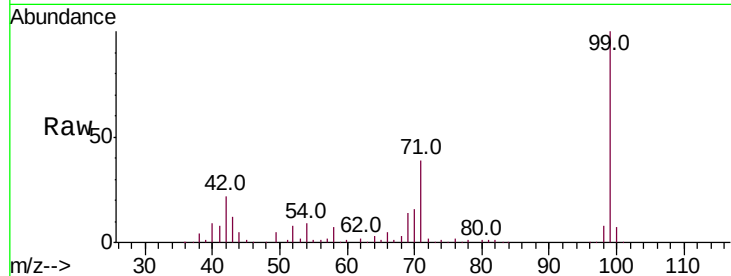
Tot Ion: 99 Resp: 247229

Ion Ratio Lower Upper

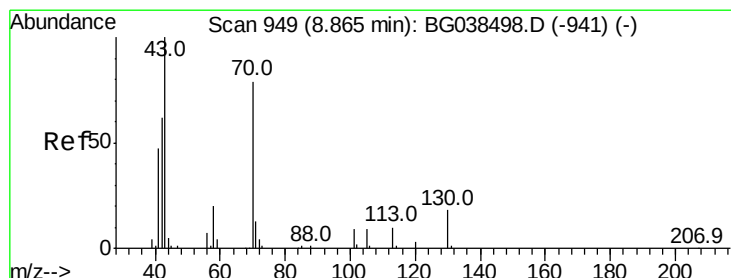
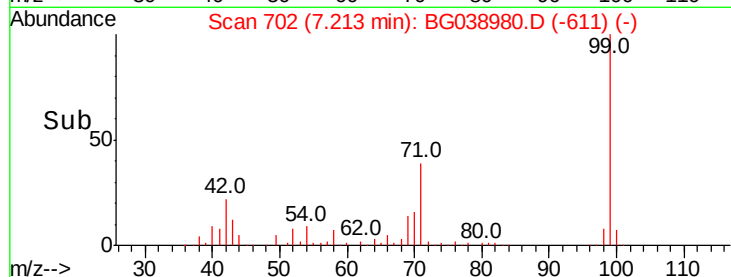
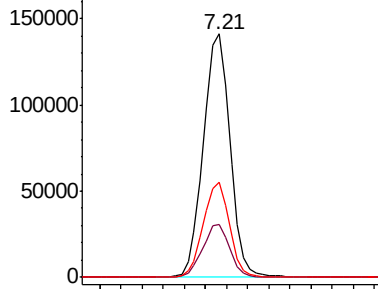
99 100

42 21.7 18.5 27.7

71 39.0 31.1 46.7



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: 16.040 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.36 min

Lab File: BG038980.D

Acq: 7 Jan 2019 23:46

Tgt Ion: 70 Resp: 25465

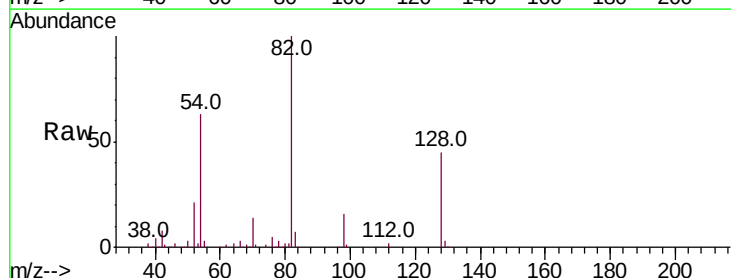
Ion Ratio Lower Upper

70 100

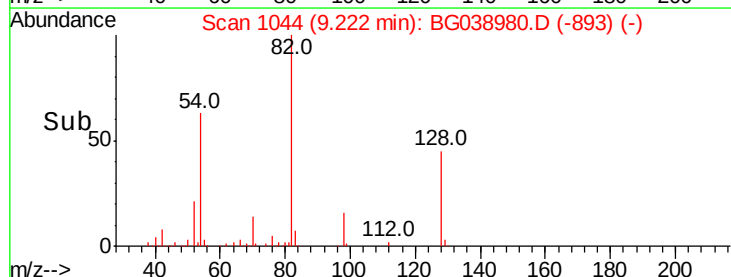
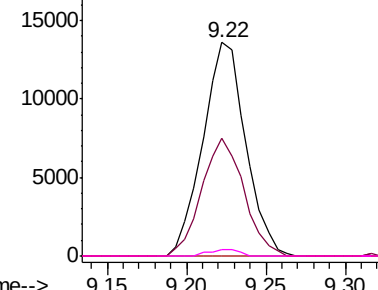
42 54.9 63.6 95.4#

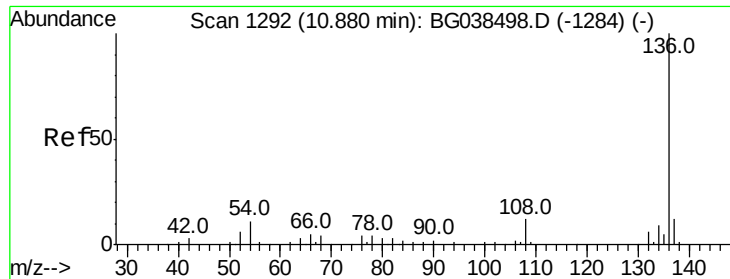
101 0.0 9.2 13.8#

130 2.9 18.5 27.7#



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

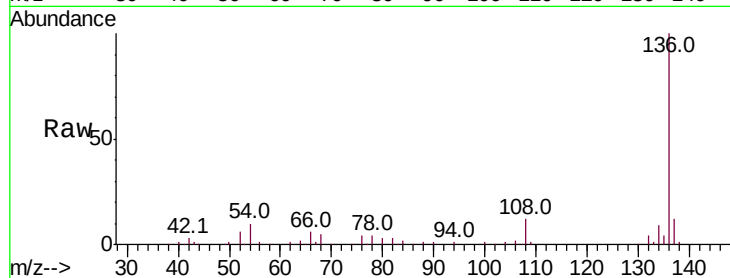




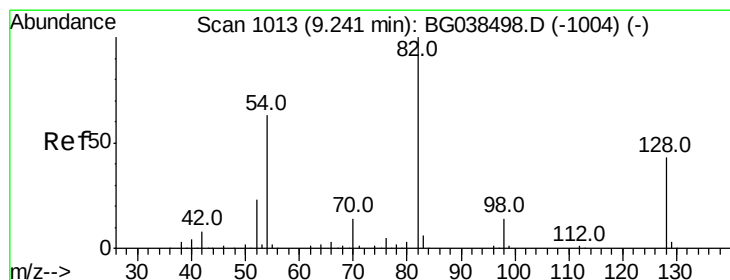
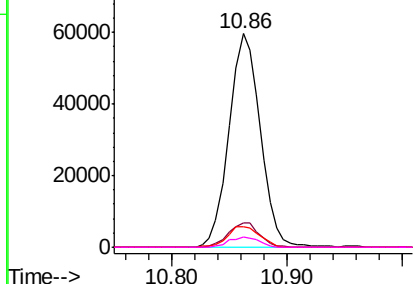
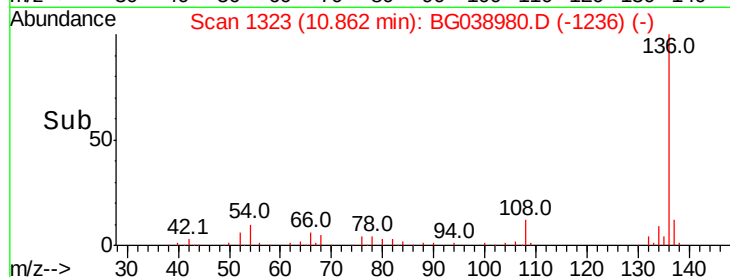
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038980.D
Acq: 7 Jan 2019 23:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	112351
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	9.7	8.5	12.7
68	4.6	3.5	5.3

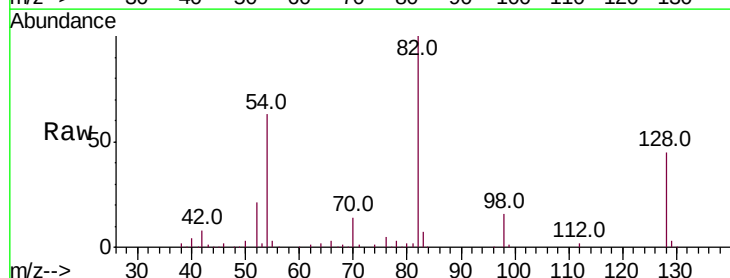


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

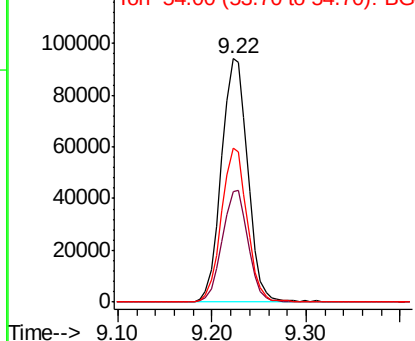
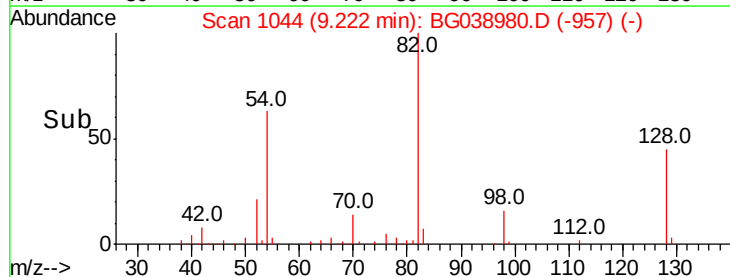


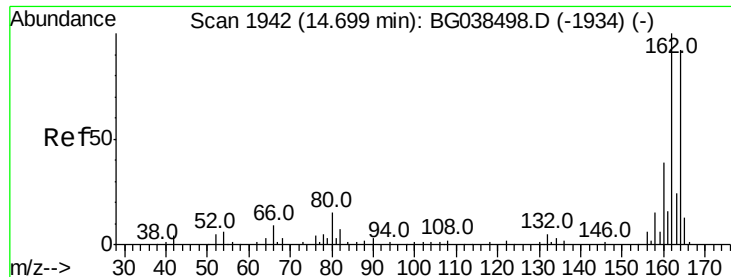
#23
Nitrobenzene-d5
Concen: 83.625 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038980.D
Acq: 7 Jan 2019 23:46

Tgt Ion:	82	Resp:	183908
Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	52.0
54	63.5	50.6	76.0



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



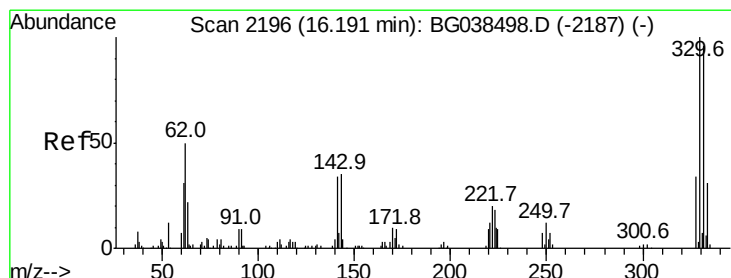
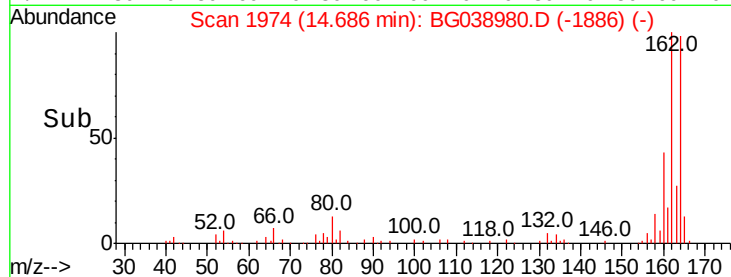
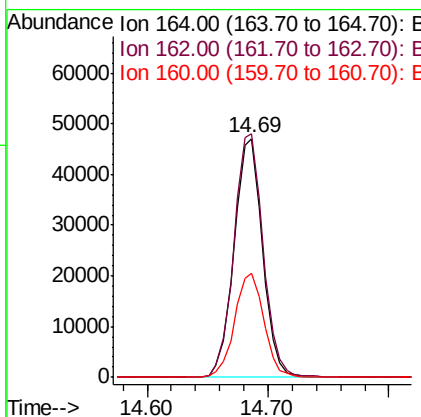
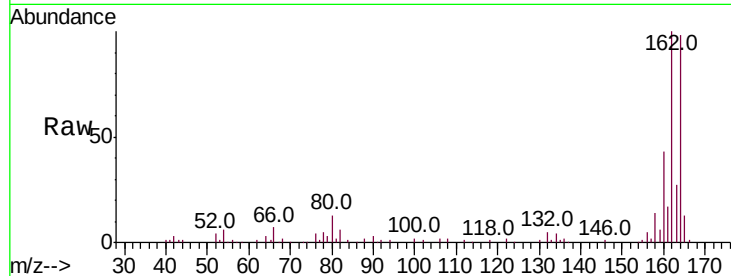


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG038980.D
 Acq: 7 Jan 2019 23:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 77263

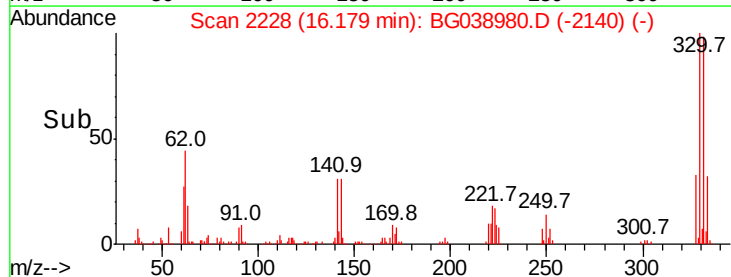
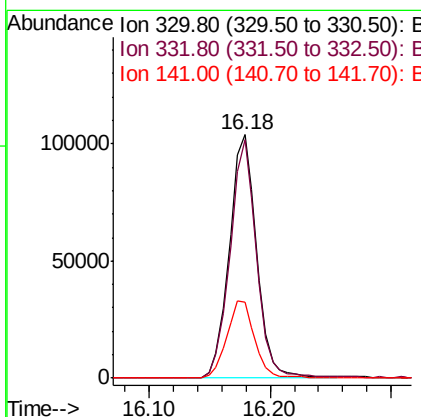
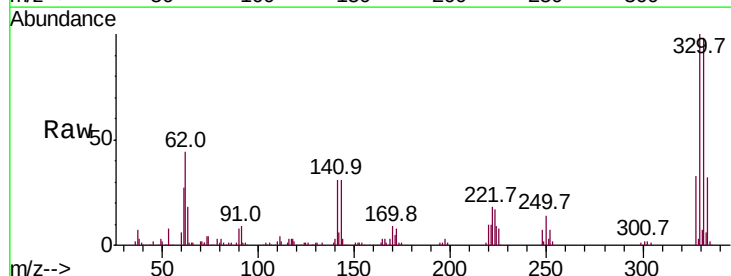
Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.6	130.0
160	43.8	34.2	51.2

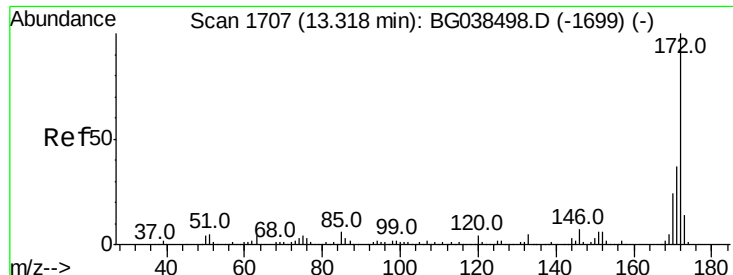


#42
 2,4,6-Tribromophenol
 Concen: 153.571 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038980.D
 Acq: 7 Jan 2019 23:46

Tgt Ion:330 Resp: 163526

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	32.5	28.8	43.2

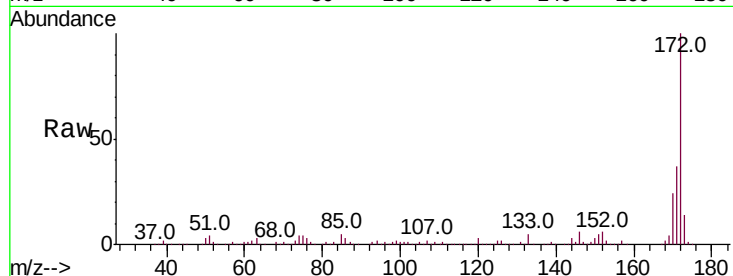




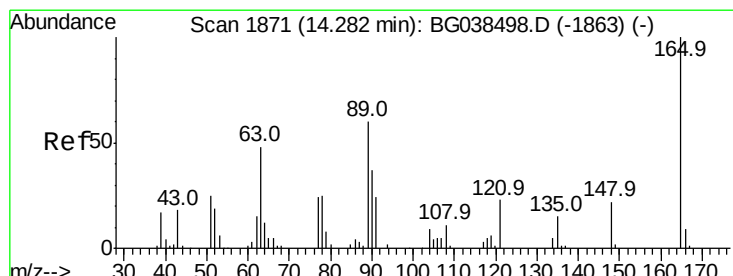
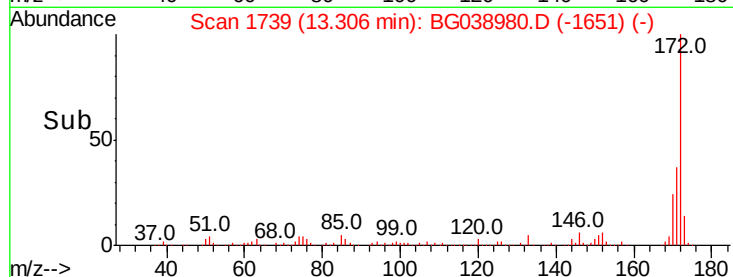
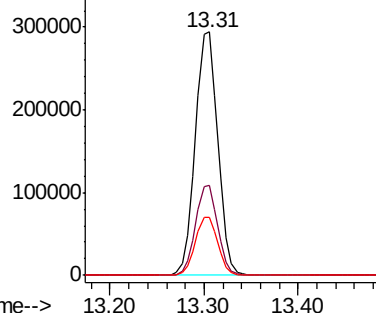
#45
 2-Fluorobiphenyl
 Concen: 87.196 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038980.D
 Acq: 7 Jan 2019 23:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 491093
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 24.1 19.5 29.3

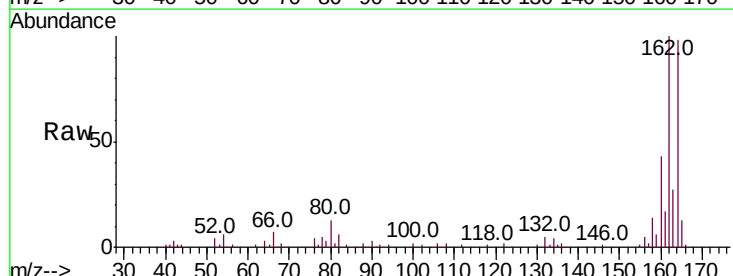


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

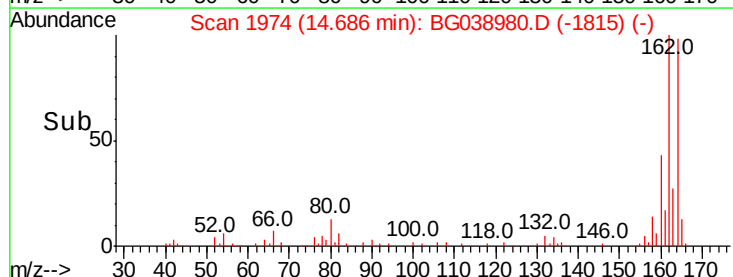
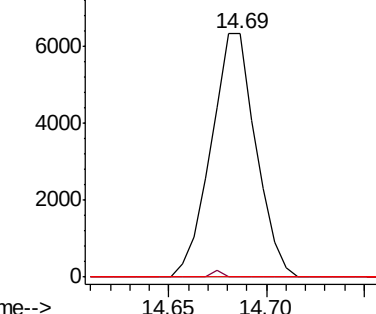


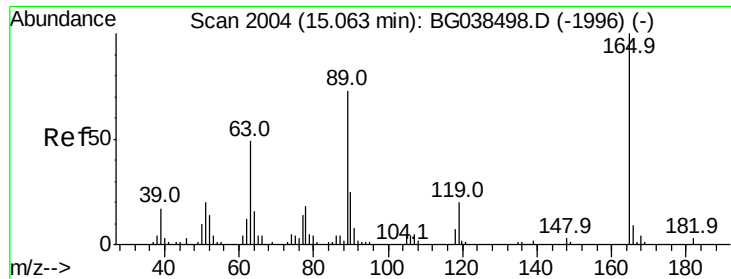
#51
 2,6-Dinitrotoluene
 Concen: 7.020 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.40 min
 Lab File: BG038980.D
 Acq: 7 Jan 2019 23:46

Tgt Ion:165 Resp: 10037
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.6#
 89 0.0 47.9 71.9#



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

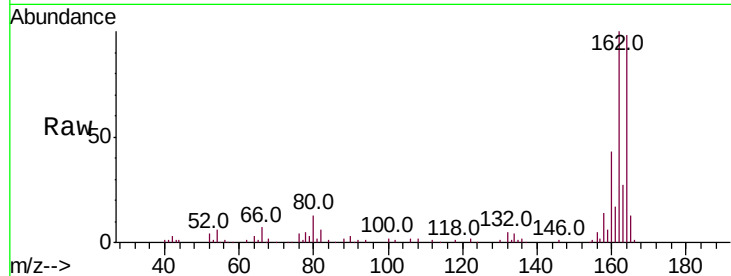




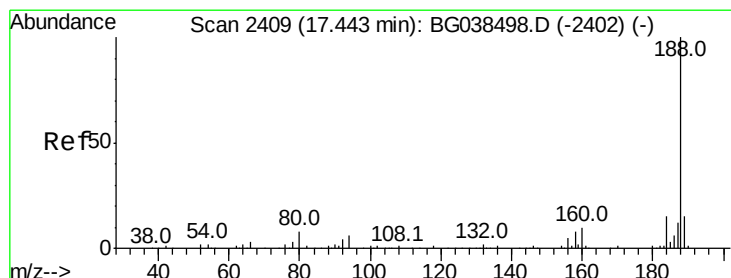
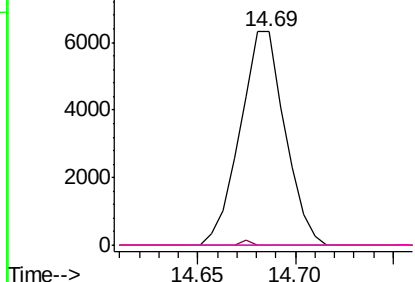
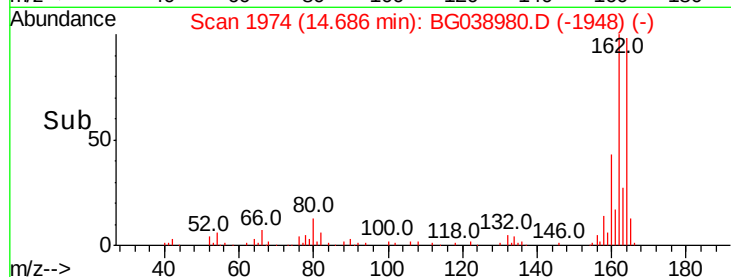
#57
 2,4-Dinitrotoluene
 Concen: 4.984 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG038980.D
 Acq: 7 Jan 2019 23:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 10037
 Ion Ratio Lower Upper
 165 100
 63 0.0 39.0 58.4#
 89 0.0 58.0 87.0#
 182 0.0 2.3 3.5#

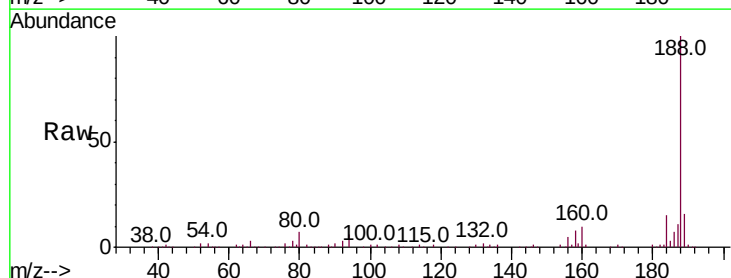


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

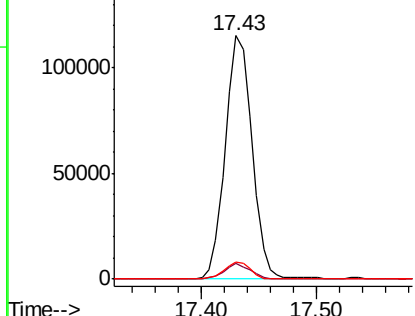
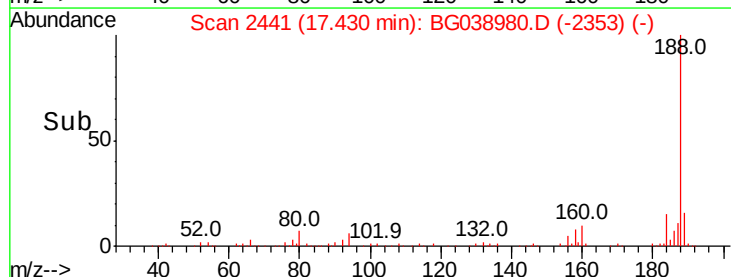


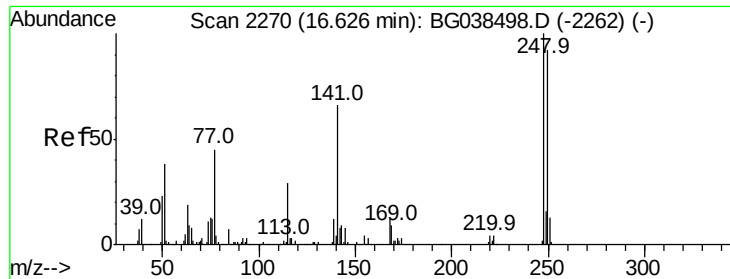
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG038980.D
 Acq: 7 Jan 2019 23:46

Tgt Ion:188 Resp: 185490
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.1 7.7
 80 7.1 6.1 9.1



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

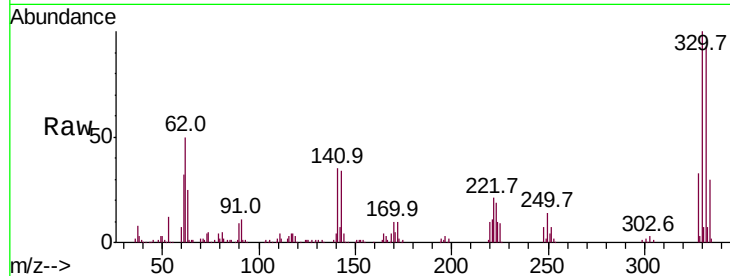




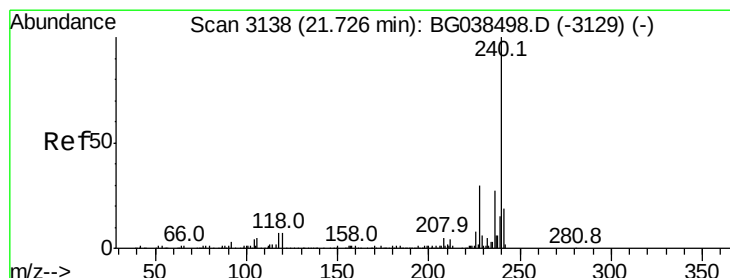
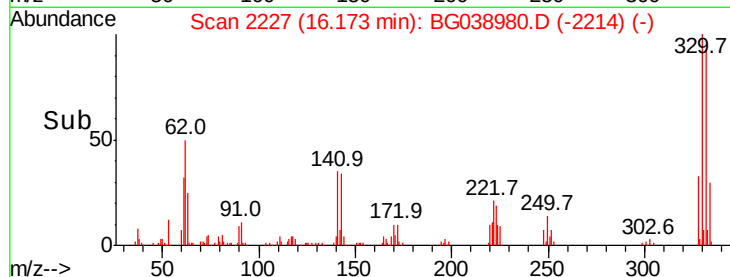
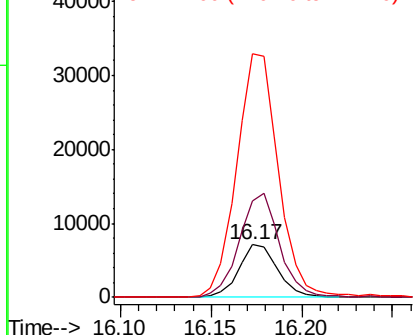
#67
 4-Bromophenyl-phenylether
 Concen: 4.687 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.45 min
 Lab File: BG038980.D
 Acq: 7 Jan 2019 23:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 10618
 Ion Ratio Lower Upper
 248 100
 250 178.8 73.4 110.2#
 141 349.0 52.9 79.3#

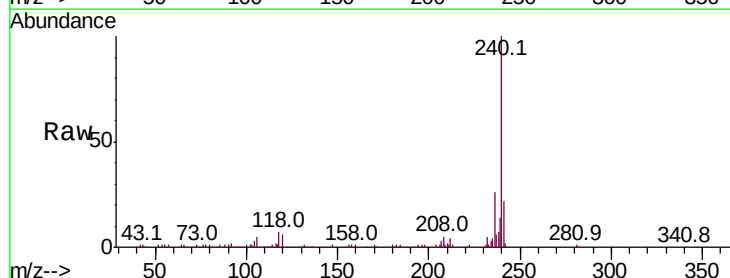


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

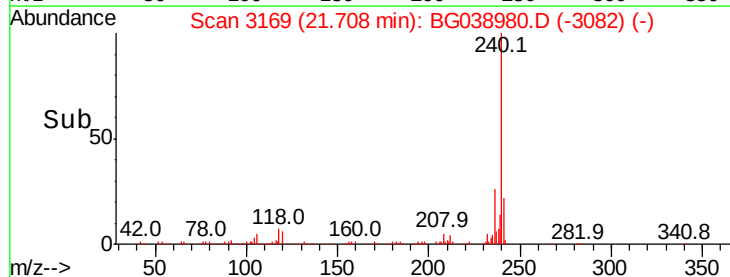
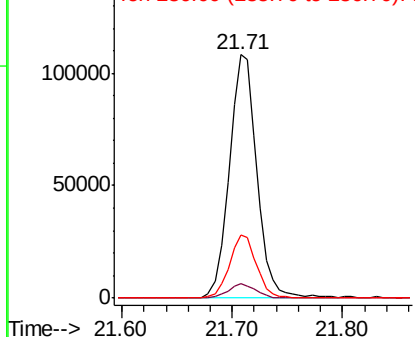


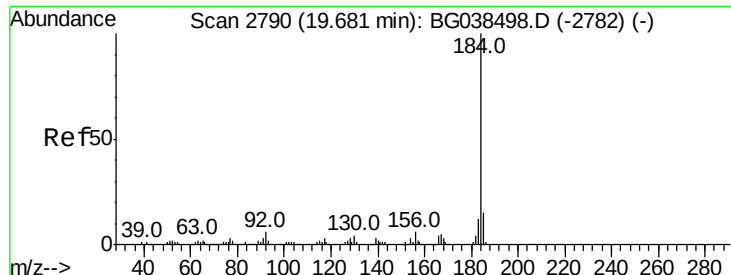
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG038980.D
 Acq: 7 Jan 2019 23:46

Tgt Ion:240 Resp: 188884
 Ion Ratio Lower Upper
 240 100
 120 5.9 5.3 7.9
 236 26.1 21.4 32.2



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: 2.632 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.35 min

Lab File: BG038980.D

Acq: 7 Jan 2019 23:46

Instrument :

BNA_G

ClientSampleId :

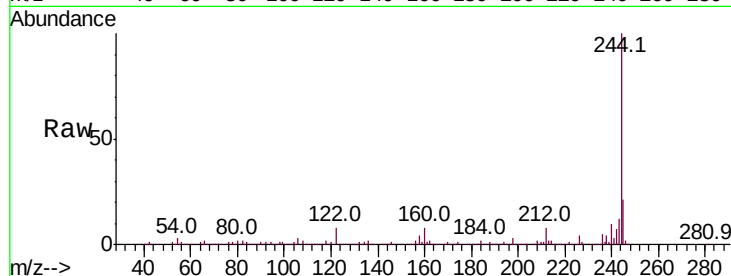
Tot Ion:184 Resp: 14703

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

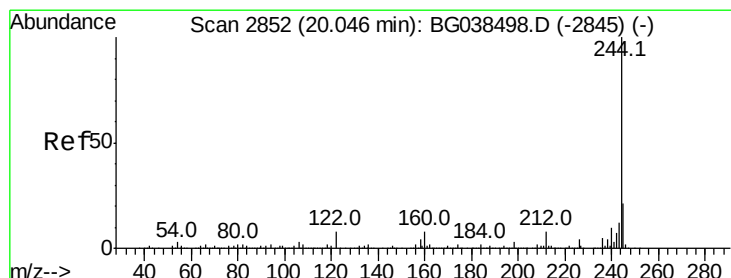
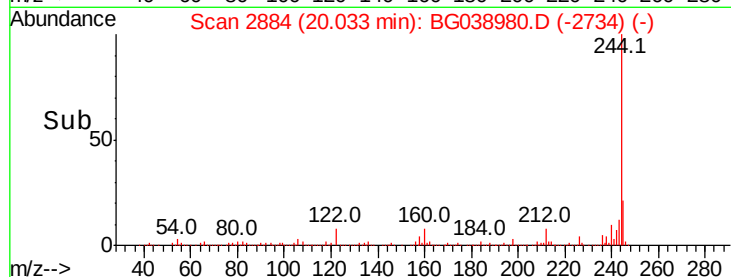
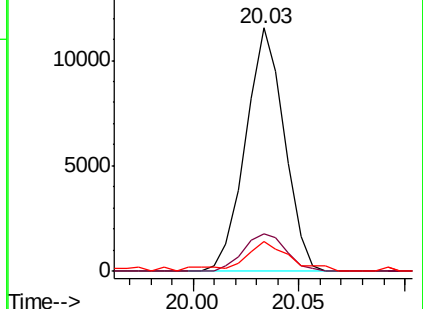
183 12.1 9.6 14.4



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: 103.518 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038980.D

Acq: 7 Jan 2019 23:46

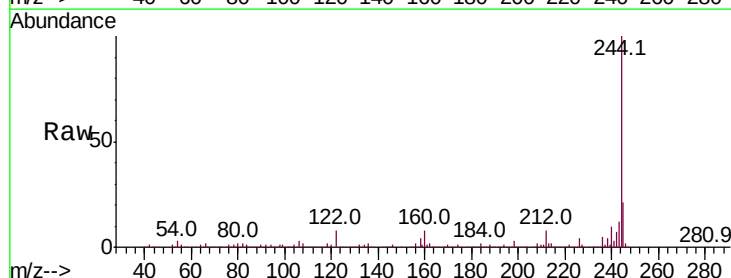
Tgt Ion:244 Resp: 898433

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

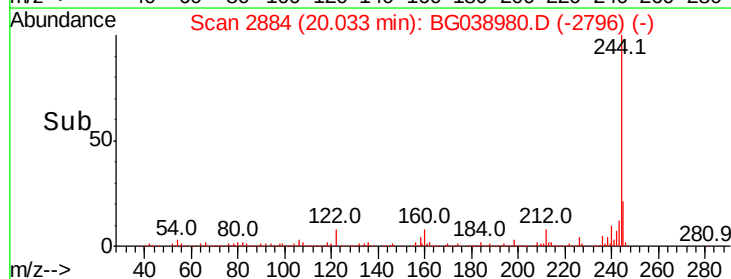
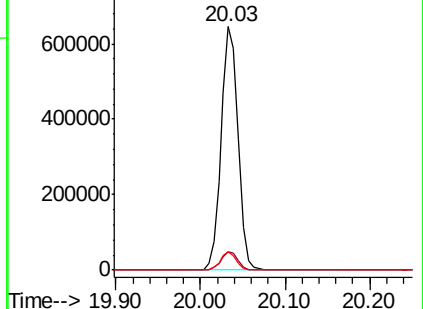
122 7.6 6.3 9.5

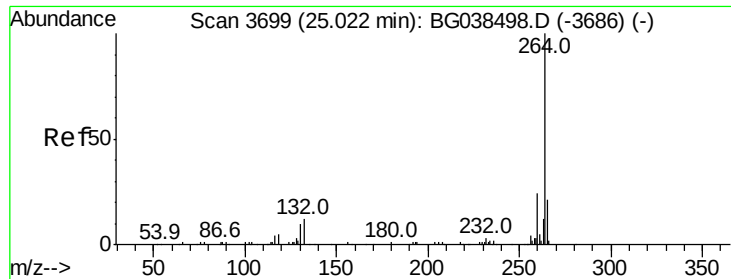


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

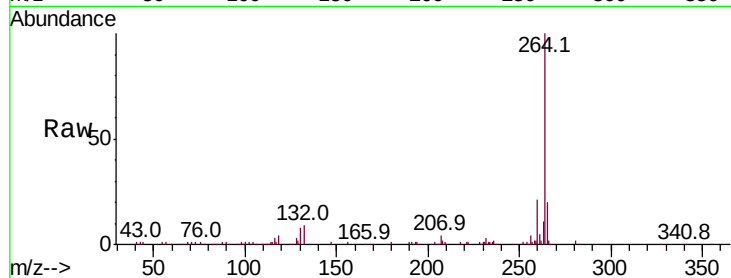




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG038980.D
Acq: 7 Jan 2019 23:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.9	28.3
265	20.1	17.0	25.4



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

