

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038160.D
 Acq On : 27 Nov 2018 8:15
 Operator : JU/SJ
 Sample : J6061-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 27 09:43:07 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

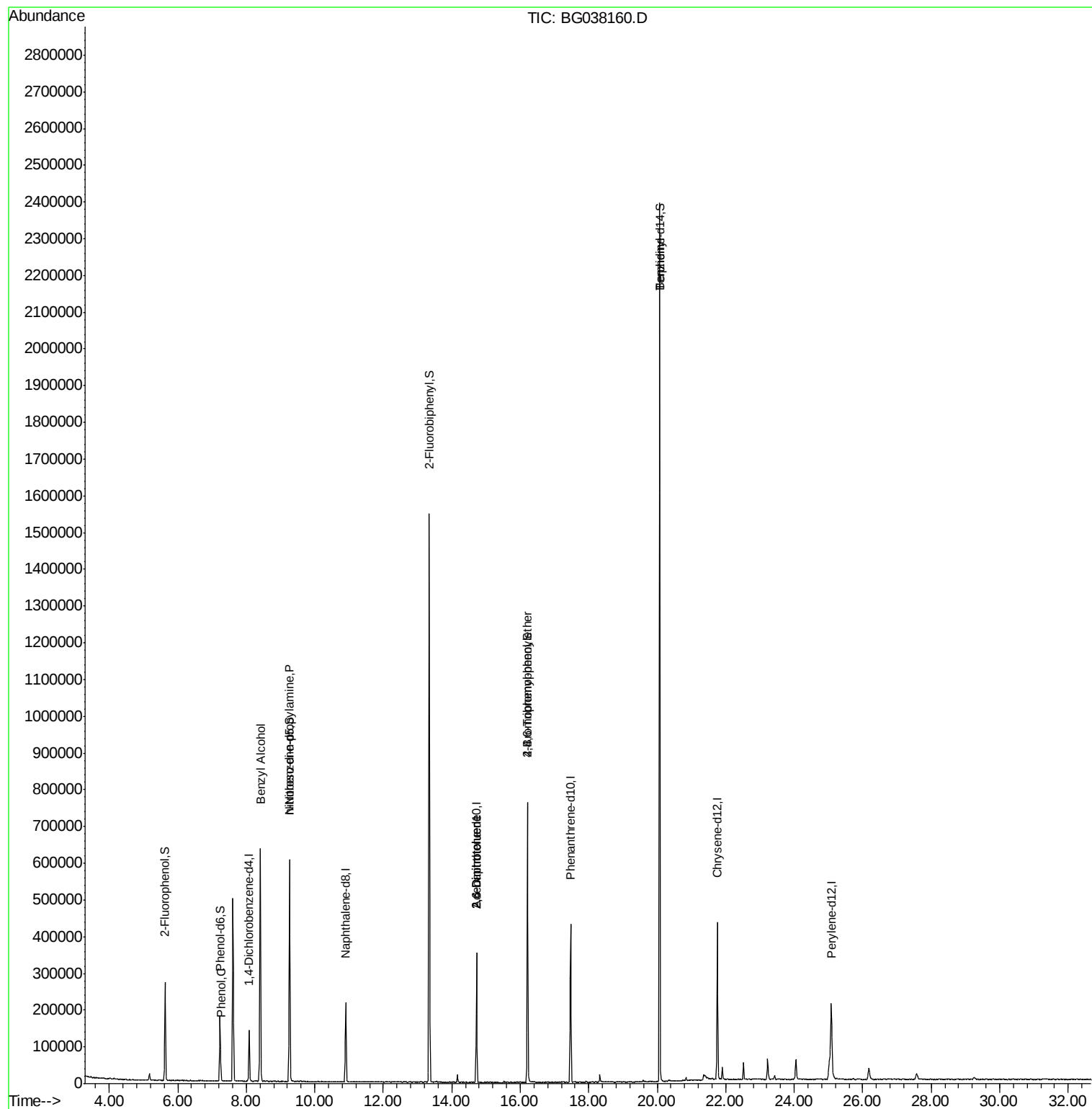
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	40388	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	193514	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	124005	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	271778	20.00	ng	0.00
76) Chrysene-d12	21.76	240	254952	20.00	ng	0.00
87) Perylene-d12	25.08	264	252570	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	123186	52.66	ng	0.00
7) Phenol-d6	7.23	99	107380	32.16	ng	0.00
23) Nitrobenzene-d5	9.26	82	372096	102.93	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	136089	96.23	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	838338	98.49	ng	0.00
79) Terphenyl-d14	20.07	244	1173881	108.34	ng	0.00
Target Compounds						
10) Phenol	7.26	94	16165	4.570	ng	97
15) Benzyl Alcohol	8.41	79	4990	2.065	ng	# 43
19) n-Nitroso-di-n-propylamine	9.26	70	47896	19.824	ng	# 74
51) 2,6-Dinitrotoluene	14.72	165	15743	7.076	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	15743	5.200	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	9579	3.211	ng	# 1
77) Benzidine	20.07	184	20862	2.332	ng	# 94

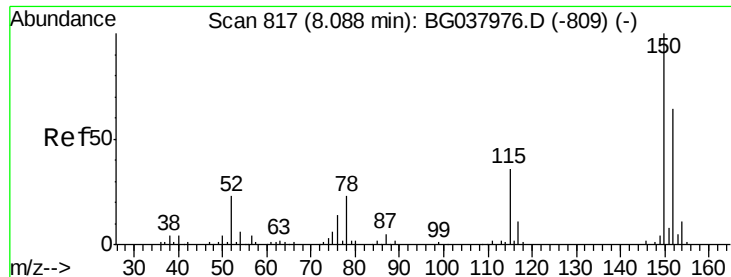
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
Data File : BG038160.D
Acq On : 27 Nov 2018 8:15
Operator : JU/SJ
Sample : J6061-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 27 09:43:07 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



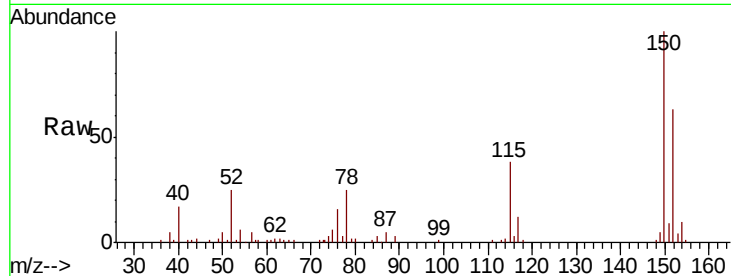


#1

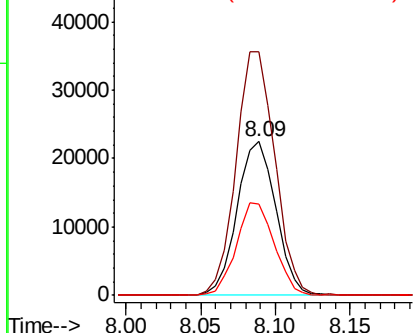
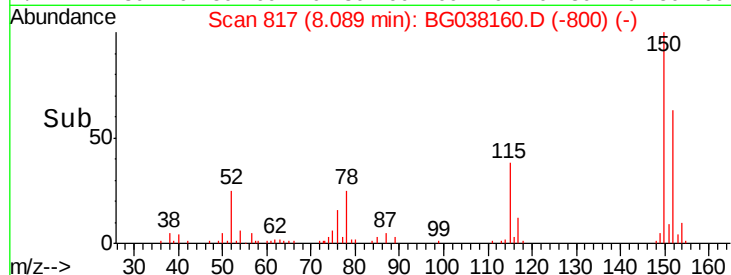
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 40388
Ion Ratio Lower Upper
152 100
150 158.5 126.0 189.0
115 59.7 45.5 68.3



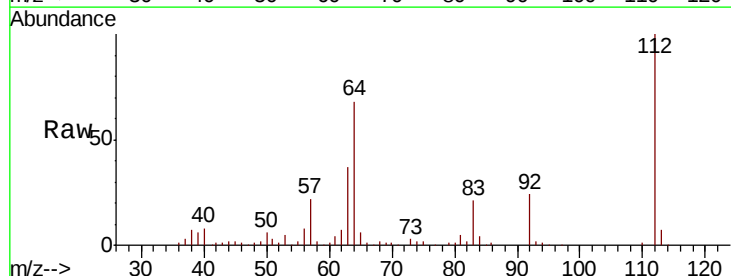
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



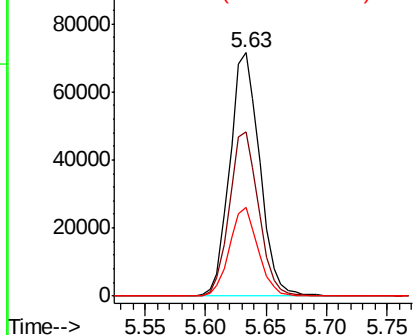
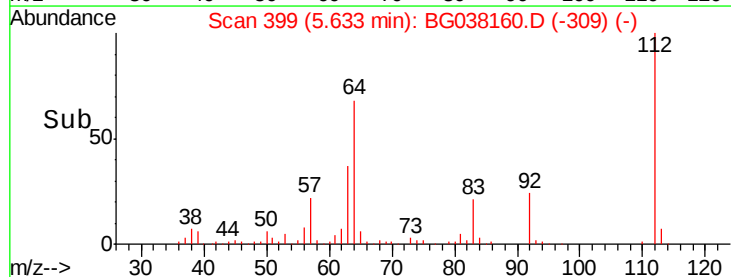
#5

2-Fluorophenol
Concen: 52.661 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion:112 Resp: 123186
Ion Ratio Lower Upper
112 100
64 67.5 53.1 79.7
63 36.6 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: 32.159 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038160.D

Acq: 27 Nov 2018 8:15

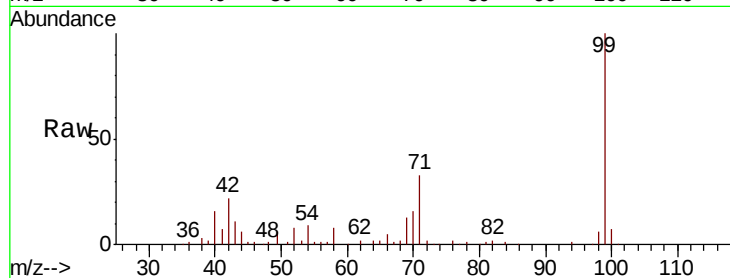
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 107380

Ion	Ratio	Lower	Upper
99	100		
42	21.8	15.0	22.4
71	32.5	25.5	38.3

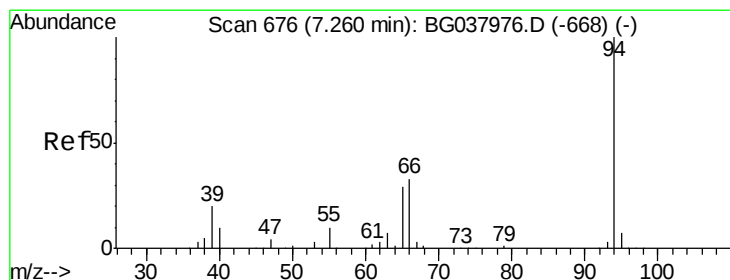
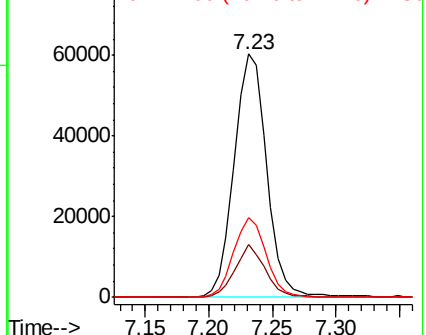
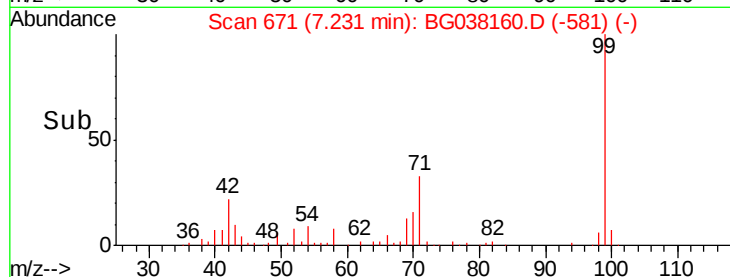


Abundance

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: 4.570 ng

RT: 7.26 min Scan# 676

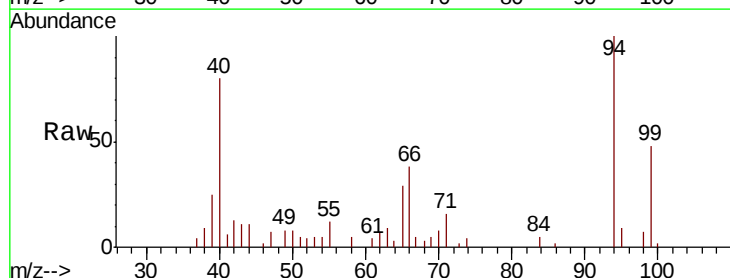
Delta R.T. 0.00 min

Lab File: BG038160.D

Acq: 27 Nov 2018 8:15

Tgt Ion: 94 Resp: 16165

Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.7	49.7
66	37.9	15.9	55.9

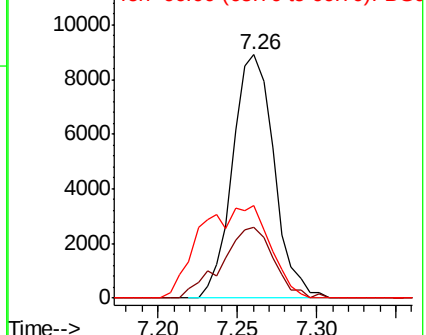
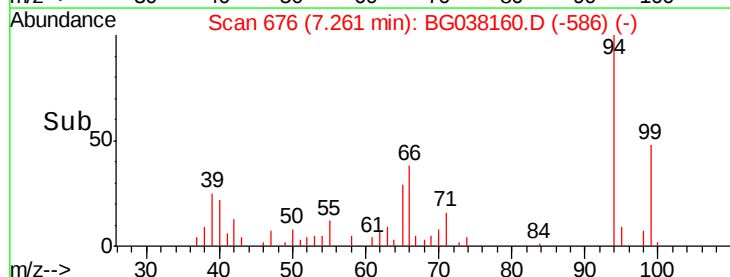


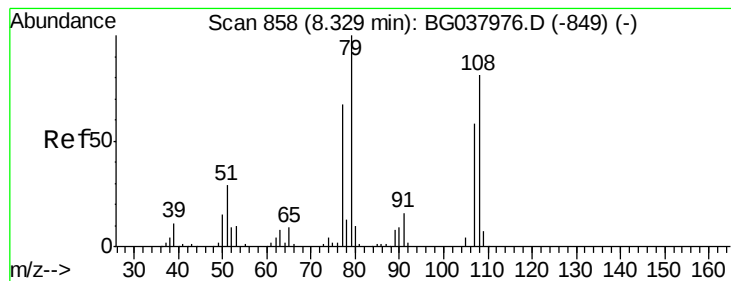
Abundance

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





#15

Benzyl Alcohol

Concen: 2.065 ng

RT: 8.41 min Scan# 872

Delta R.T. 0.08 min

Lab File: BG038160.D

Acq: 27 Nov 2018 8:15

Instrument :

BNA_G

ClientSampleId :

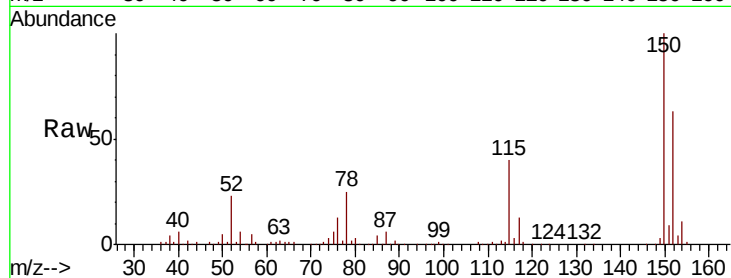
Tot Ion: 79 Resp: 4990

Ion Ratio Lower Upper

79 100

108 48.4 65.8 98.8#

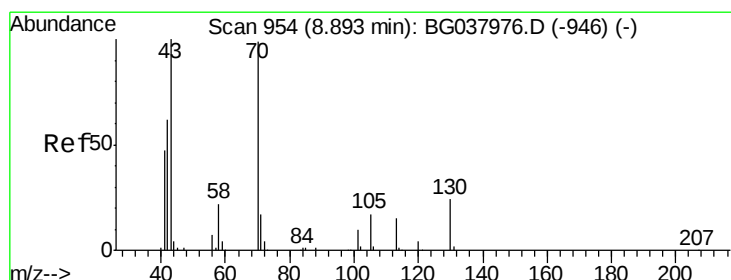
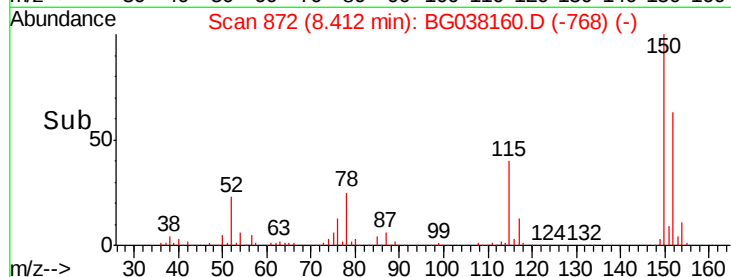
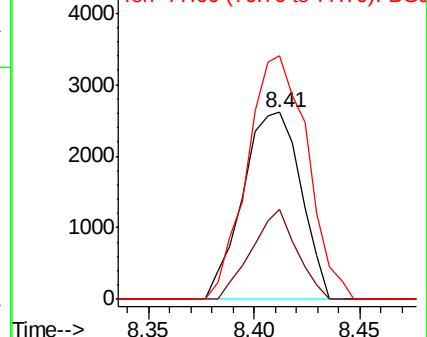
77 130.0 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 19.824 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038160.D

Acq: 27 Nov 2018 8:15

Tgt Ion: 70 Resp: 47896

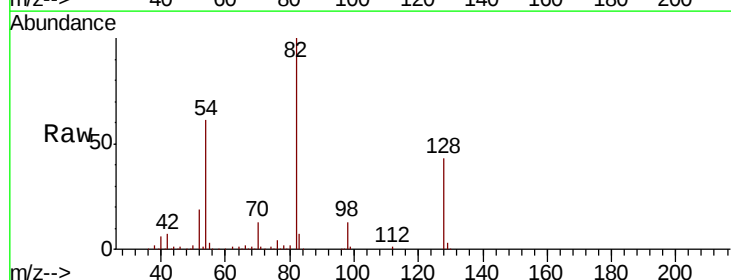
Ion Ratio Lower Upper

70 100

42 50.7 53.9 80.9#

101 0.0 8.2 12.2#

130 2.4 18.2 27.4#

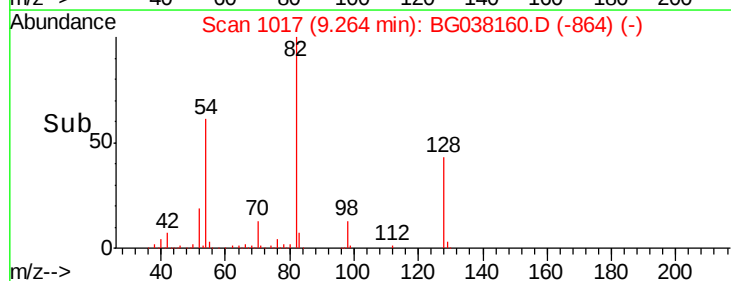
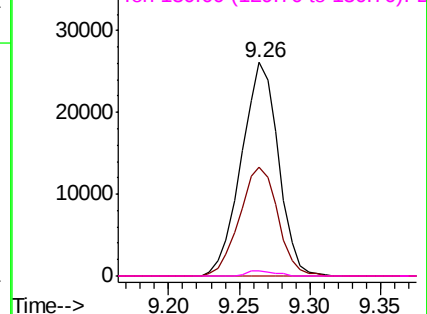


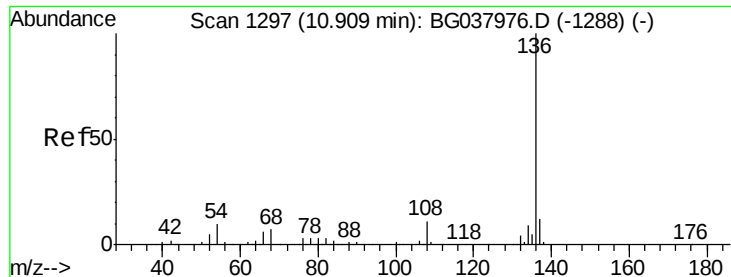
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

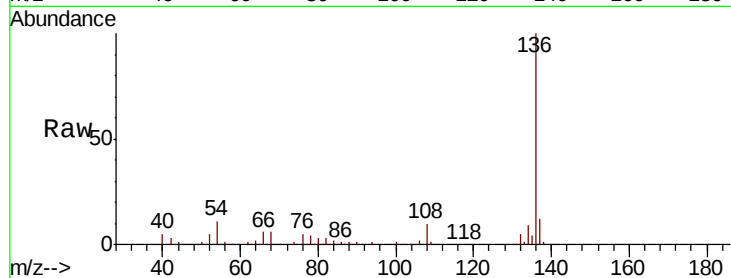




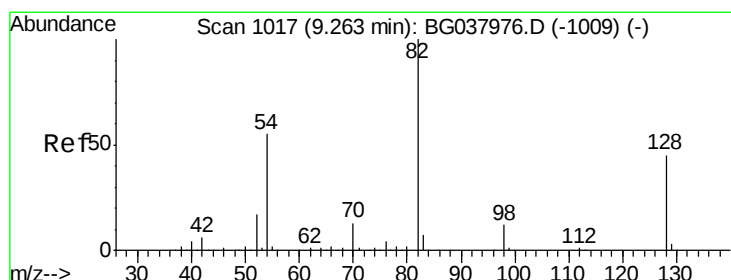
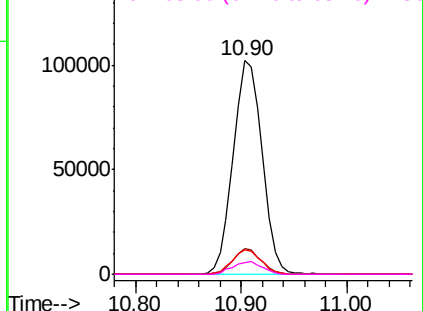
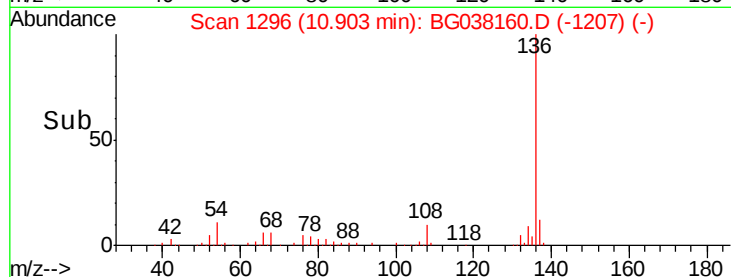
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	193514
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.6 14.4
54	11.4	7.9 11.9
68	5.7	4.8 7.2

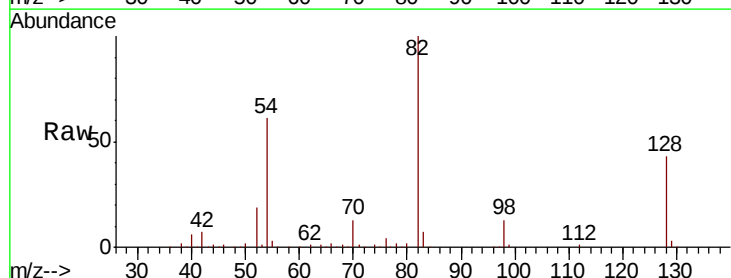


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

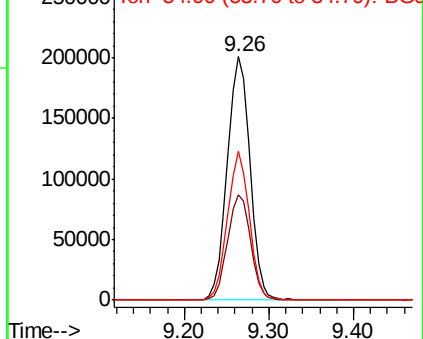
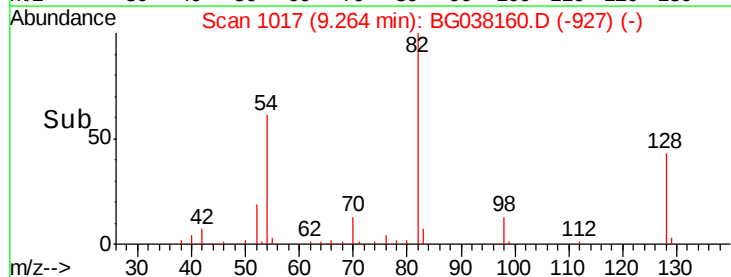


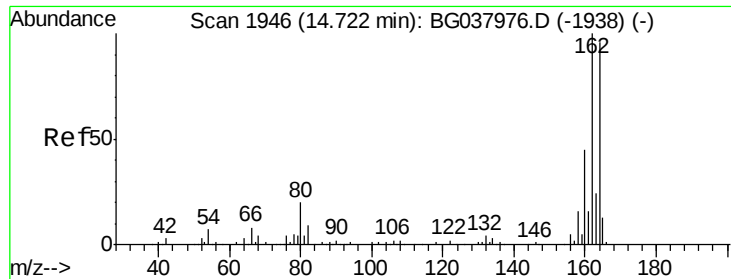
#23
Nitrobenzene-d5
Concen: 102.930 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion: 82	Resp:	372096
Ion Ratio	Lower	Upper
82	100	
128	43.0	34.6 51.8
54	61.0	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

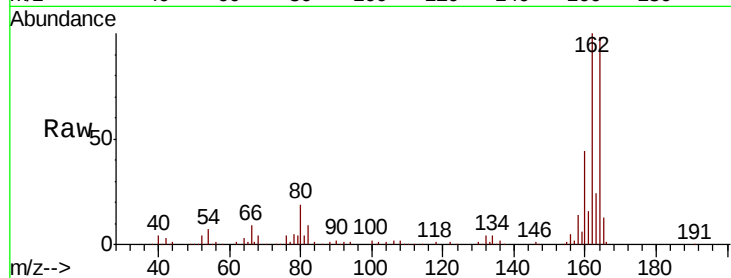




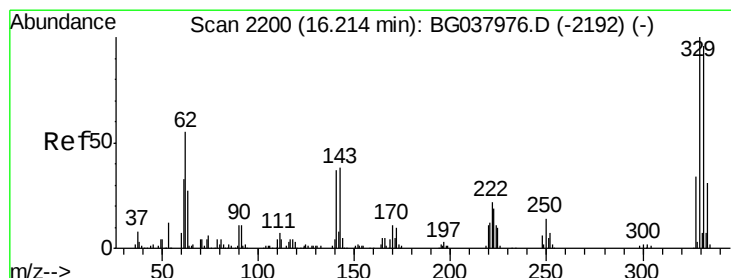
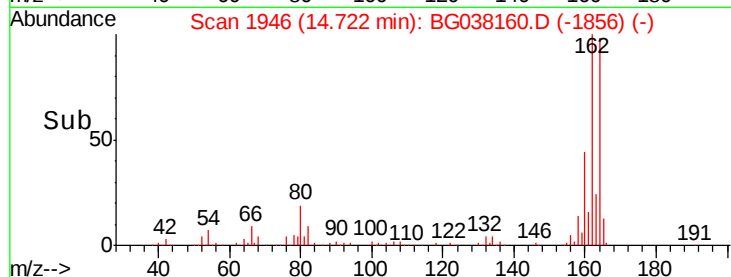
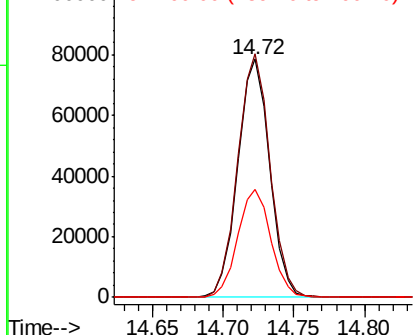
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 124005
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.2 36.3 54.5

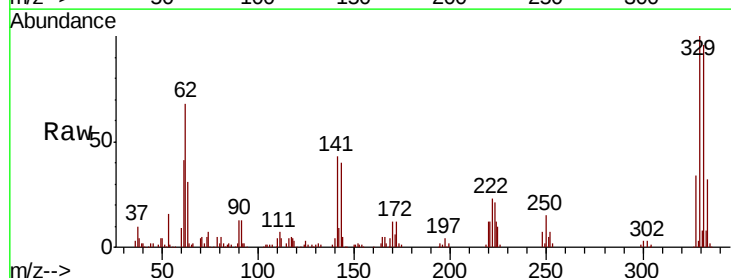


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

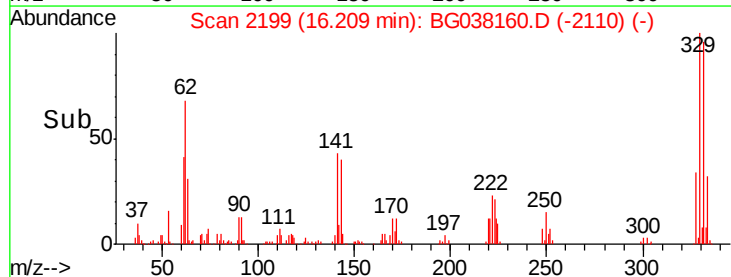
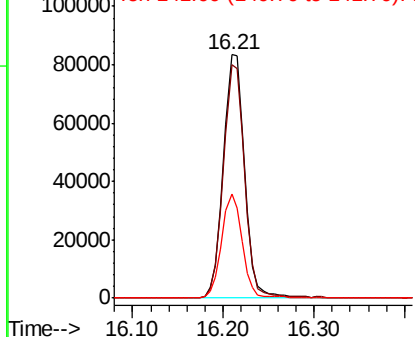


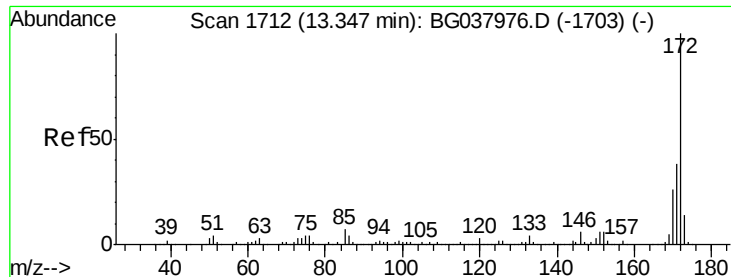
#42
2,4,6-Tribromophenol
Concen: 96.227 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion:330 Resp: 136089
Ion Ratio Lower Upper
330 100
332 95.3 78.4 117.6
141 41.6 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

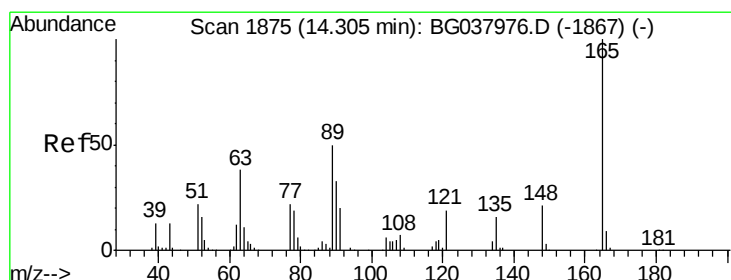
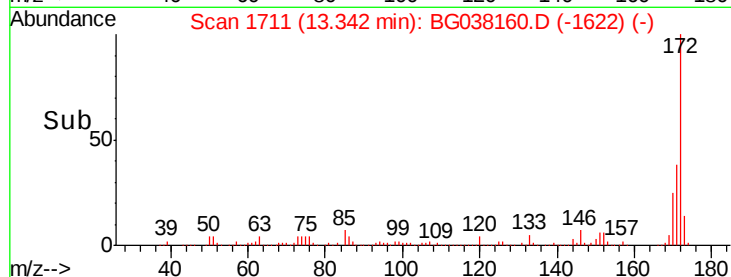
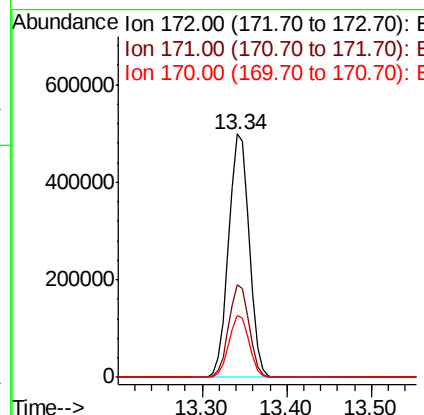
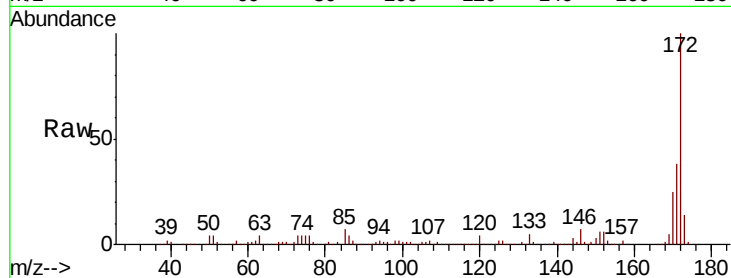




#45
 2-Fluorobiphenyl
 Concen: 98.491 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038160.D
 Acq: 27 Nov 2018 8:15

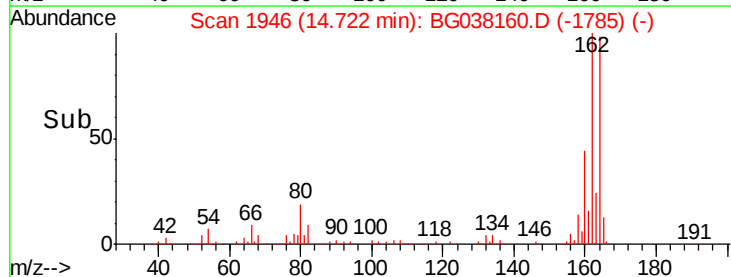
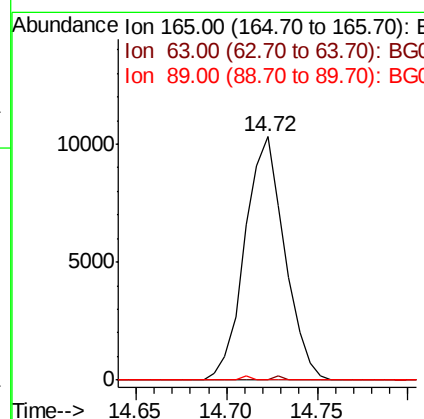
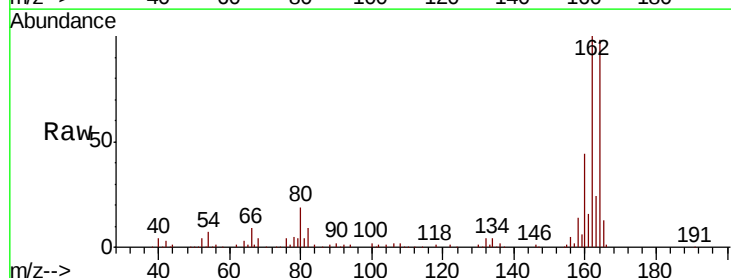
Instrument :
 BNA_G
 ClientSampleId :

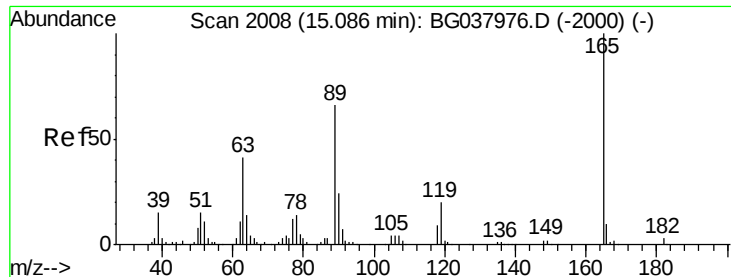
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.2	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.076 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038160.D
 Acq: 27 Nov 2018 8:15

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

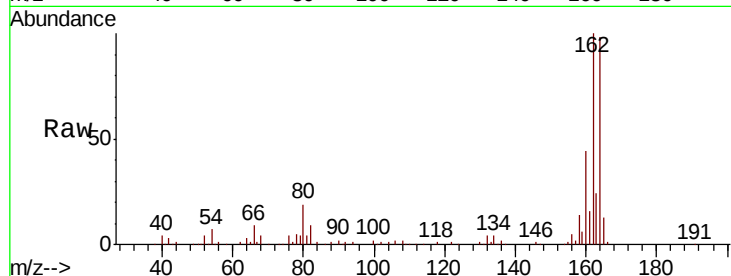




#57
 2,4-Dinitrotoluene
 Concen: 5.200 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038160.D
 Acq: 27 Nov 2018 8:15

Instrument :
 BNA_G
 ClientSampleId :

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



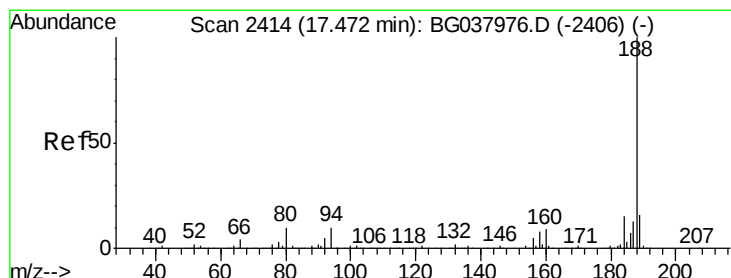
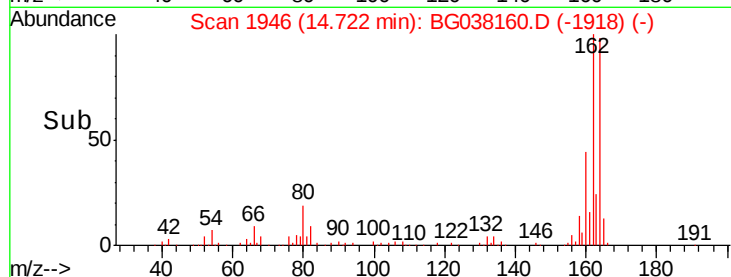
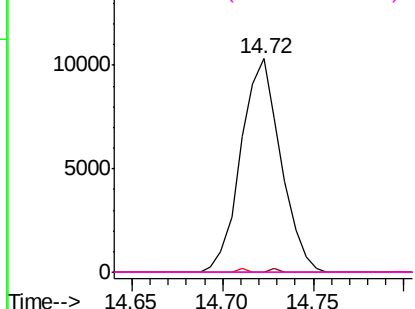
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

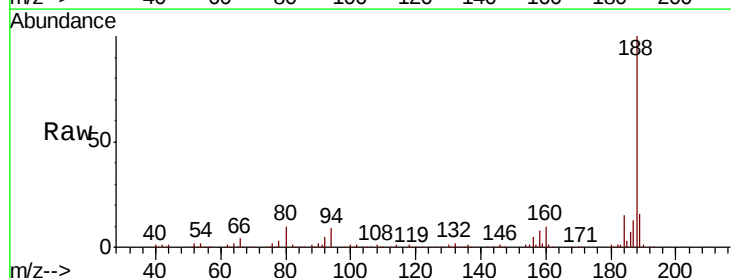
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG038160.D
 Acq: 27 Nov 2018 8:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.6	7.7	11.5

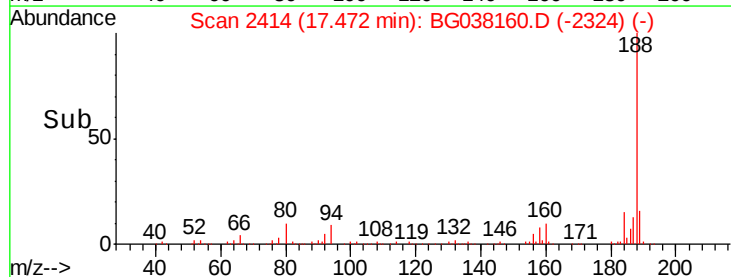
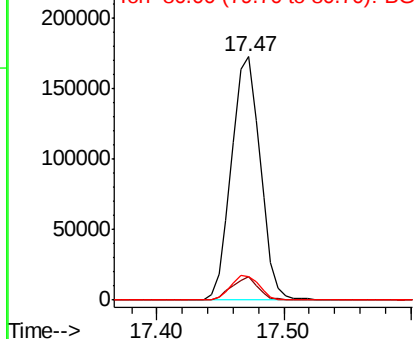


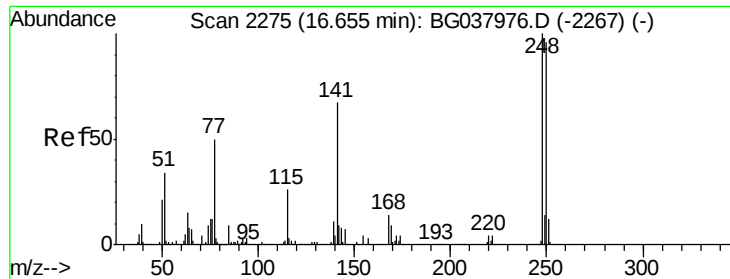
Abundance

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

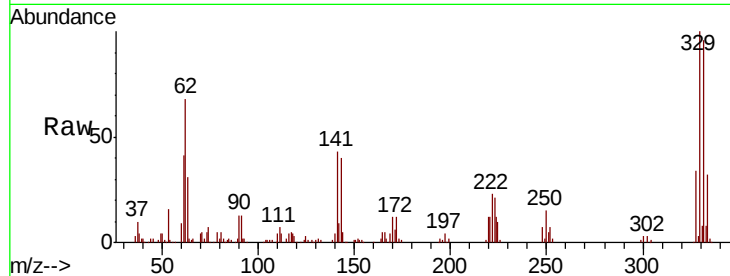




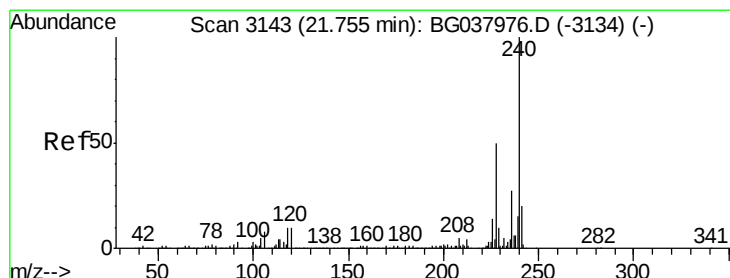
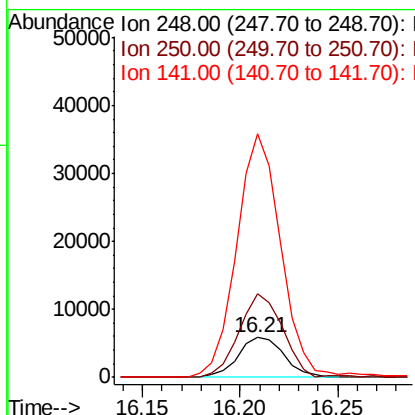
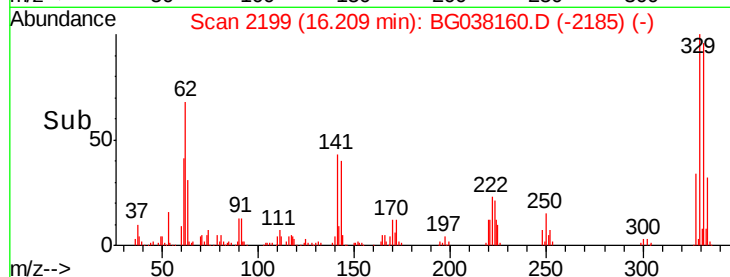
#67
 4-Bromophenyl-phenylether
 Concen: 3.211 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038160.D
 Acq: 27 Nov 2018 8:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 9579
 Ion Ratio Lower Upper
 248 100
 250 274.9 77.0 115.6#
 141 609.0 55.5 83.3#

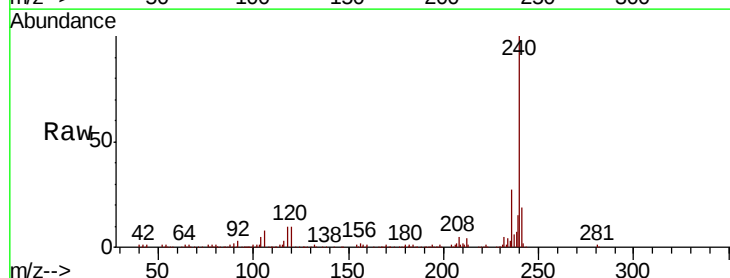


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

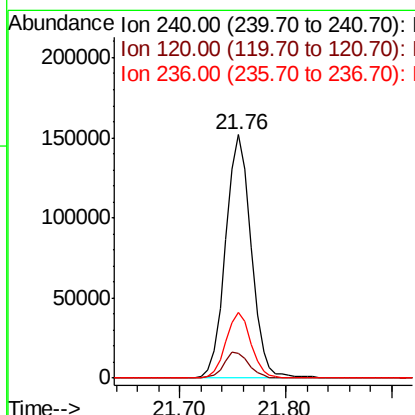
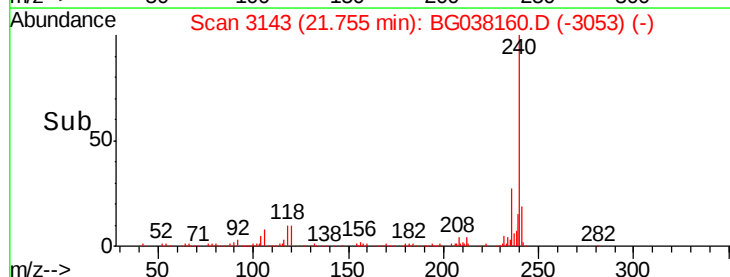


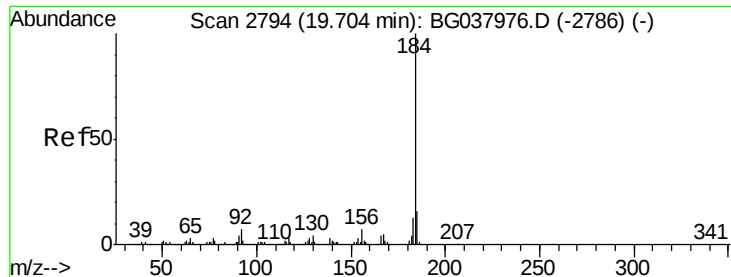
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG038160.D
 Acq: 27 Nov 2018 8:15

Tgt Ion:240 Resp: 254952
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 27.2 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: 2.332 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.36 min

Lab File: BG038160.D

Acq: 27 Nov 2018 8:15

Instrument :

BNA_G

ClientSampleId :

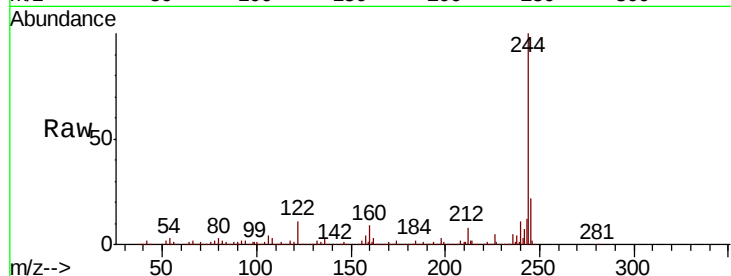
Tot Ion:184 Resp: 20862

Ion Ratio Lower Upper

184 100

185 17.0 12.6 18.8

183 8.7 10.2 15.2#

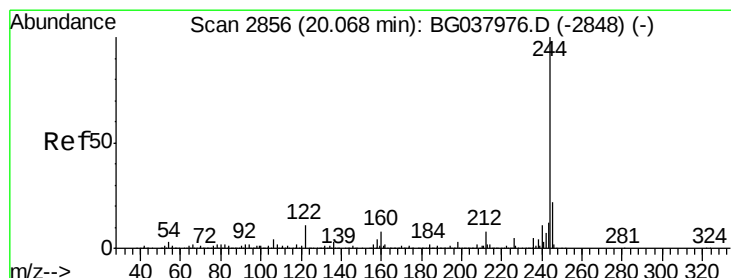
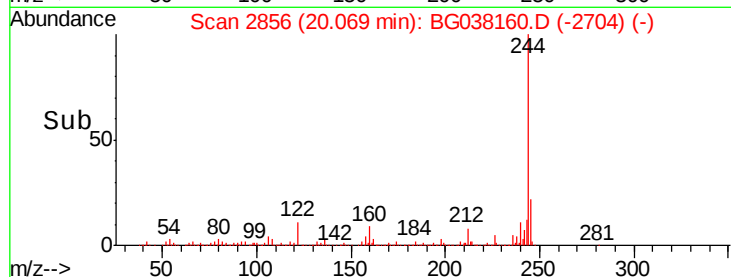
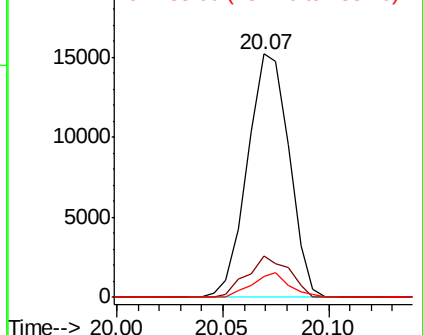


Abundance

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: 108.340 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038160.D

Acq: 27 Nov 2018 8:15

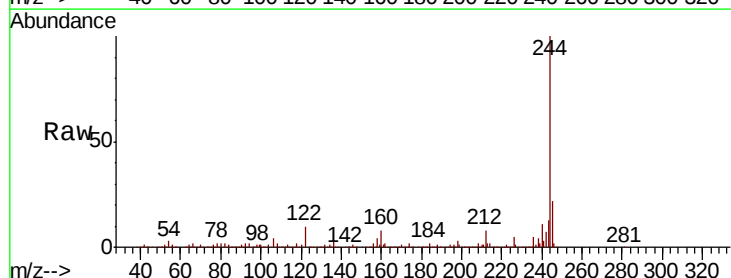
Tgt Ion:244 Resp: 1173881

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 10.1 9.0 13.4

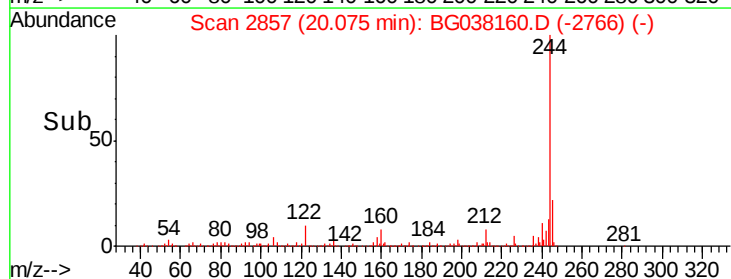
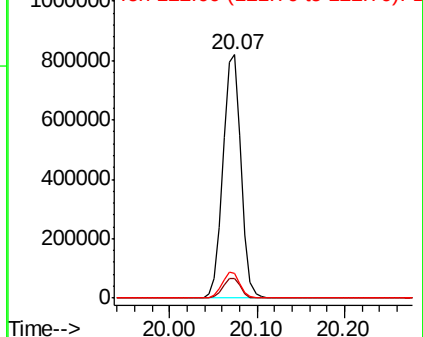


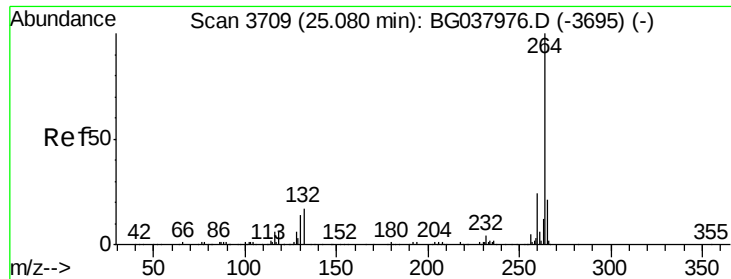
Abundance

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: 25.08 min Scan# 3709
 Delta R.T. 0.00 min
 Lab File: BG038160.D
 Acq: 27 Nov 2018 8:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.6	17.9	26.9

