

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
 Data File : BG038550.D
 Acq On : 14 Dec 2018 2:36
 Operator : JU/SJ
 Sample : PB115634BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115634BL

Quant Time: Dec 14 03:18:41 2018
 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

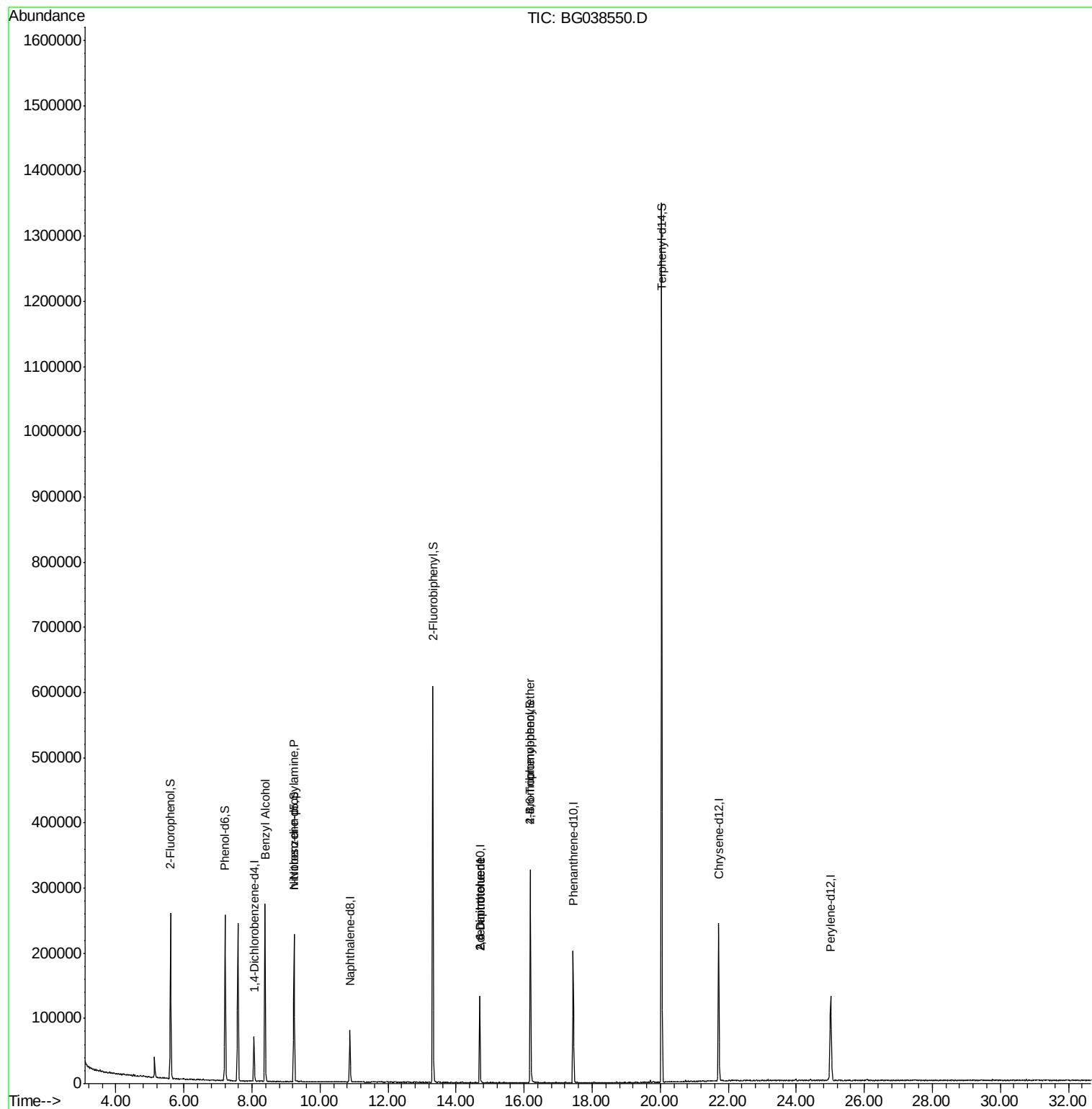
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	18827	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	75052	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	48409	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	134063	20.00	ng	0.00
76) Chrysene-d12	21.72	240	152882	20.00	ng	0.00
87) Perylene-d12	25.01	264	156852	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	110337	103.95	ng	0.00
7) Phenol-d6	7.21	99	144067	98.86	ng	0.00
23) Nitrobenzene-d5	9.23	82	136792	93.11	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	66450	99.60	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	327824	92.90	ng	0.00
79) Terphenyl-d14	20.04	244	656220	93.42	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	2401	2.111	ng	# 45
19) n-Nitroso-di-n-propylamine	9.23	70	18245	17.827	ng	# 71
51) 2,6-Dinitrotoluene	14.70	165	5825	6.502	ng	# 19
57) 2,4-Dinitrotoluene	14.70	165	5825	4.616	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	4409	2.693	ng	# 1

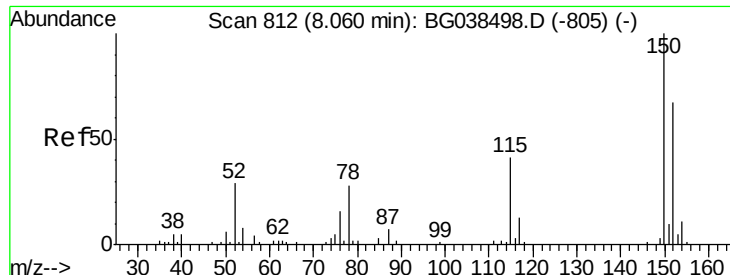
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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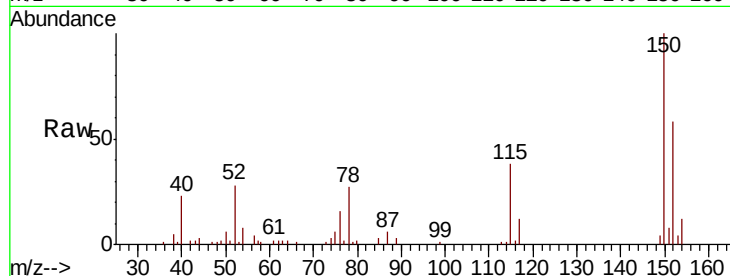




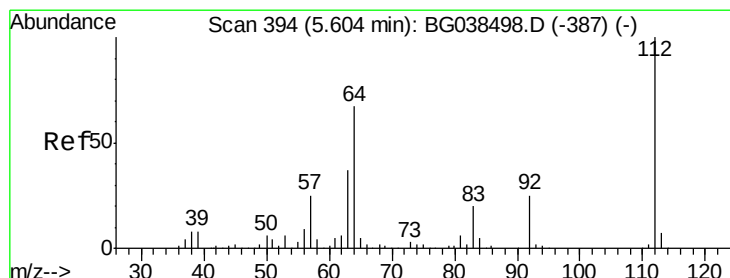
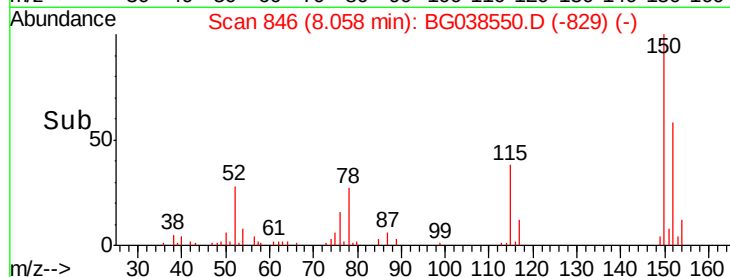
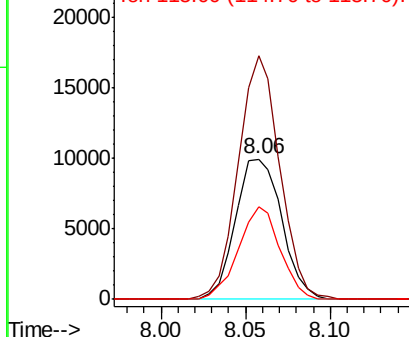
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038550.D
 Acq: 14 Dec 2018 2:36

Instrument :
 BNA_G
 ClientSampleId :
 PB115634BL

Tgt Ion:152 Resp: 18827
 Ion Ratio Lower Upper
 152 100
 150 173.3 119.5 179.3
 115 66.1 49.6 74.4

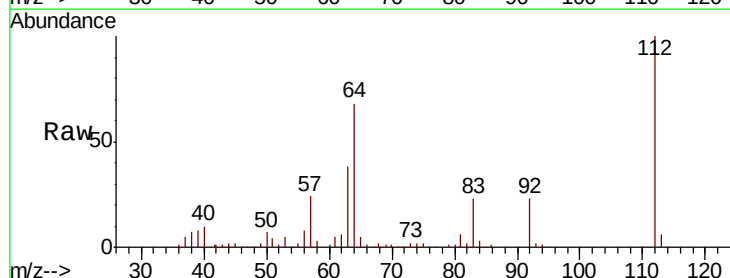


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

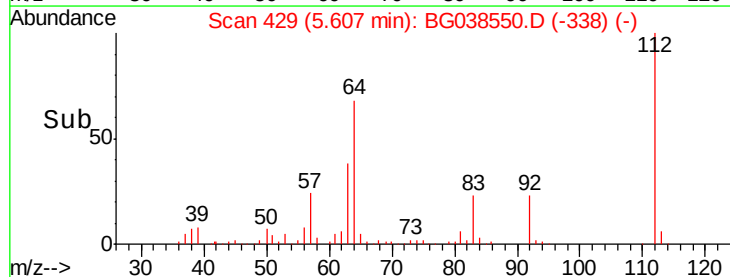
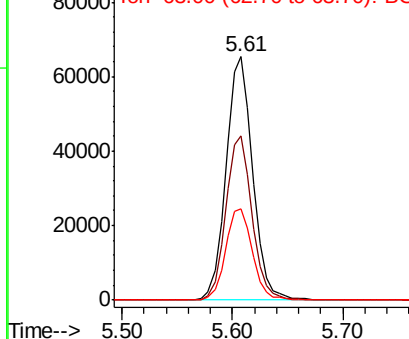


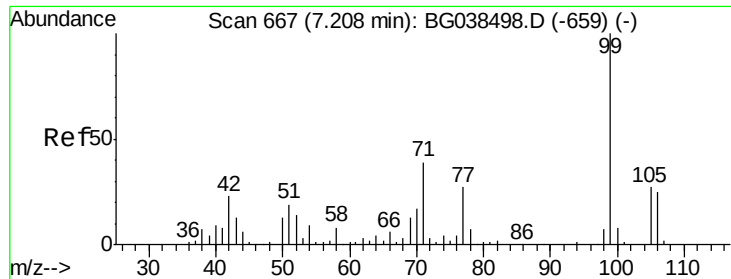
#5
 2-Fluorophenol
 Concen: 103.946 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BG038550.D
 Acq: 14 Dec 2018 2:36

Tgt Ion:112 Resp: 110337
 Ion Ratio Lower Upper
 112 100
 64 67.6 53.4 80.2
 63 37.6 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: 98.865 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038550.D

Acq: 14 Dec 2018 2:36

Instrument :

BNA_G

ClientSampleId :

PB115634BL

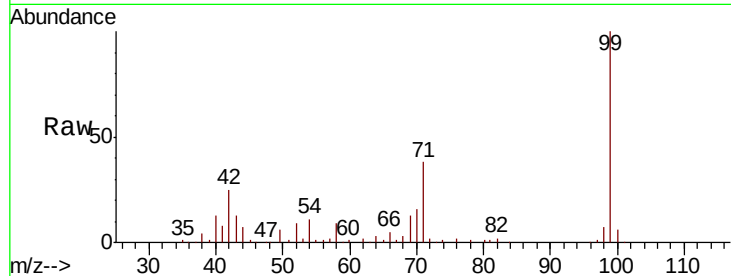
Tgt Ion: 99 Resp: 144067

Ion Ratio Lower Upper

99 100

42 24.9 18.5 27.7

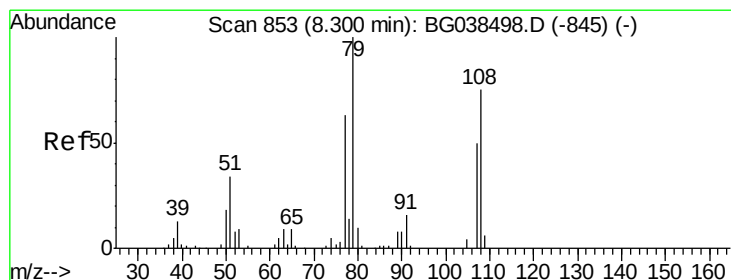
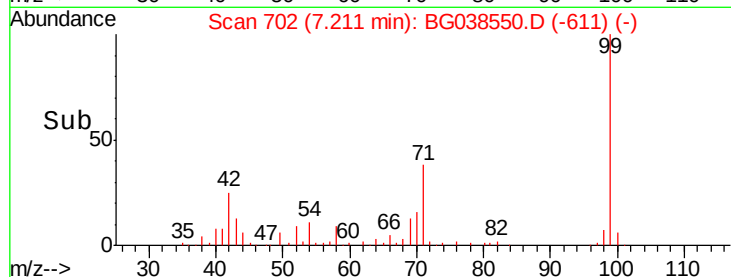
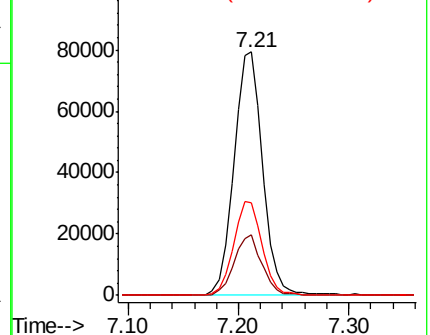
71 37.9 31.1 46.7



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



#15

Benzyl Alcohol

Concen: 2.111 ng

RT: 8.37 min Scan# 900

Delta R.T. 0.07 min

Lab File: BG038550.D

Acq: 14 Dec 2018 2:36

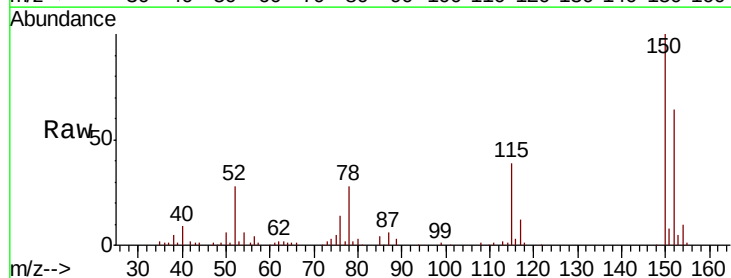
Tgt Ion: 79 Resp: 2401

Ion Ratio Lower Upper

79 100

108 35.9 60.2 90.4#

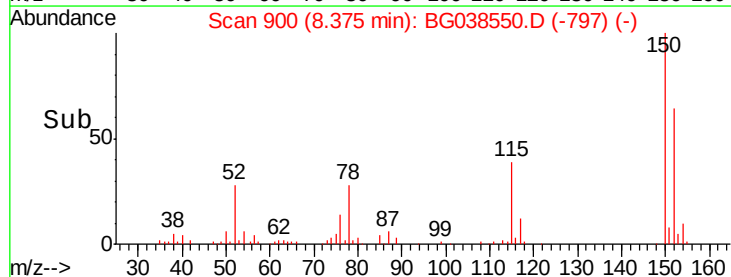
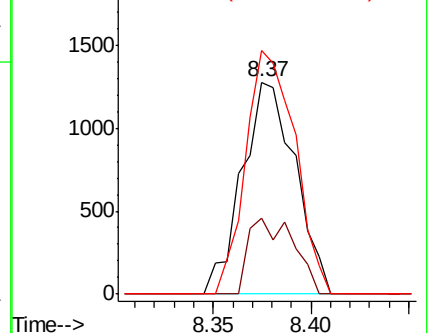
77 114.9 50.7 76.1#

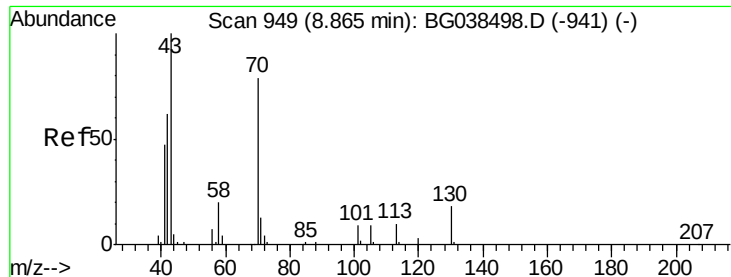


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

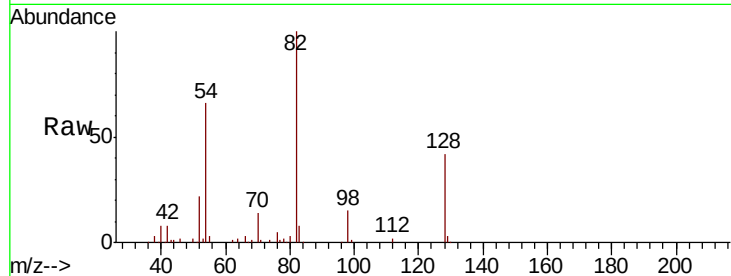




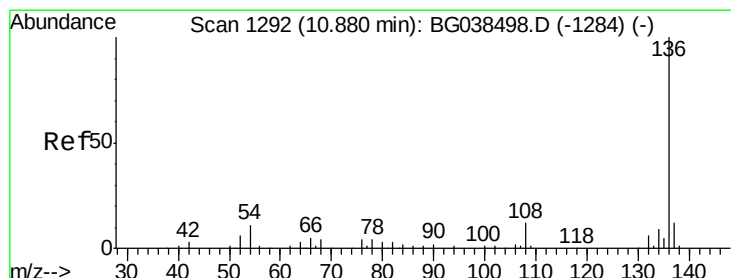
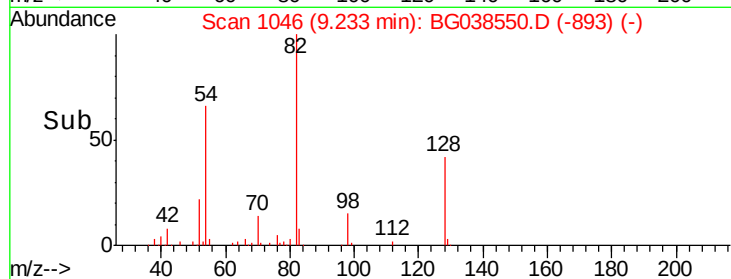
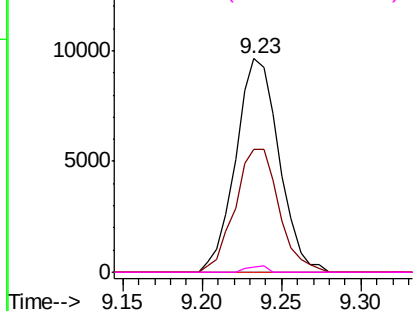
#19
n-Nitroso-di-n-propylamine
Concen: 17.827 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038550.D
Acq: 14 Dec 2018 2:36

Instrument :
BNA_G
ClientSampleId :
PB115634BL

Tgt Ion: 70 Resp: 18245
Ion Ratio Lower Upper
70 100
42 57.3 63.6 95.4#
101 0.0 9.2 13.8#
130 2.2 18.5 27.7#

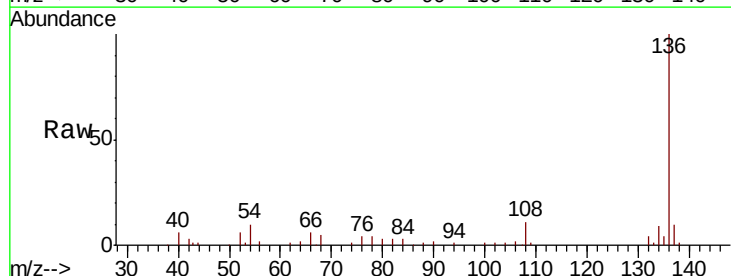


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

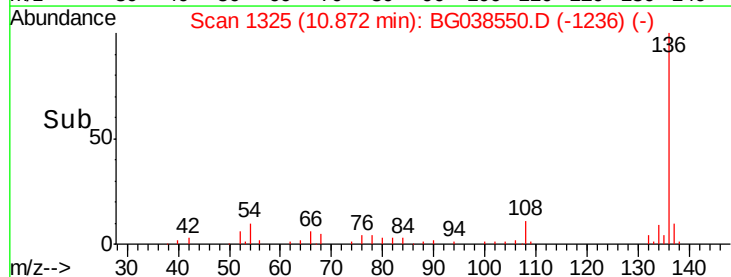
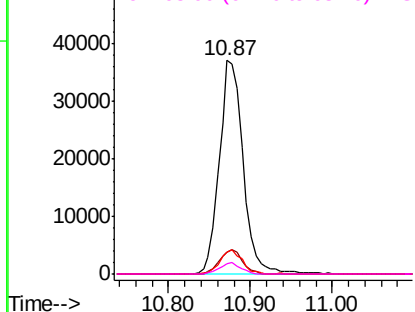


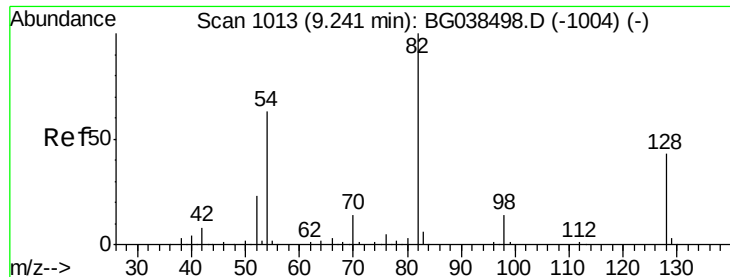
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038550.D
Acq: 14 Dec 2018 2:36

Tgt Ion: 136 Resp: 75052
Ion Ratio Lower Upper
136 100
137 10.2 9.3 13.9
54 9.9 8.5 12.7
68 4.8 3.5 5.3



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: 93.113 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038550.D

Acq: 14 Dec 2018 2:36

Instrument :

BNA_G

ClientSampleId :

PB115634BL

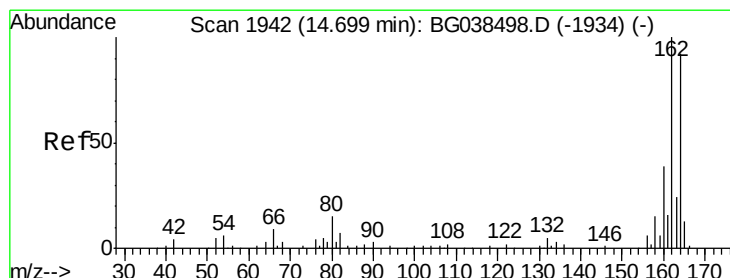
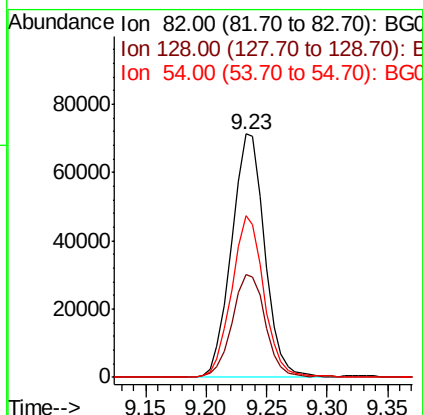
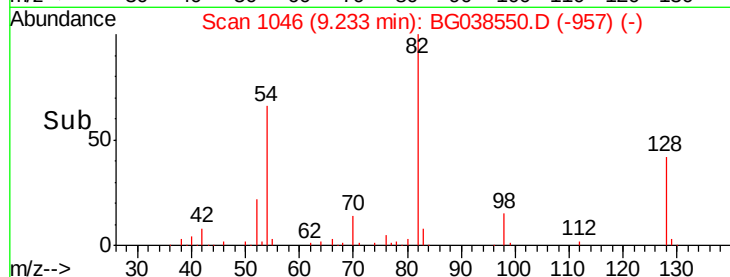
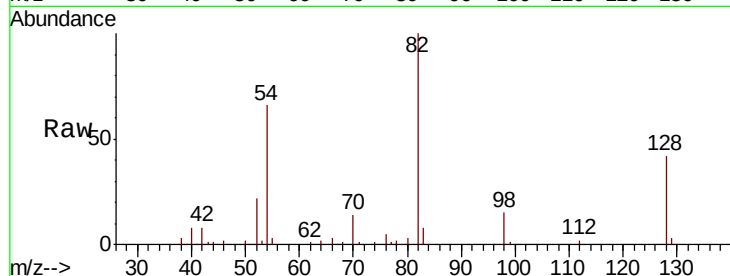
Tgt Ion: 82 Resp: 136792

Ion Ratio Lower Upper

82 100

128 42.1 34.6 52.0

54 66.3 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038550.D

Acq: 14 Dec 2018 2:36

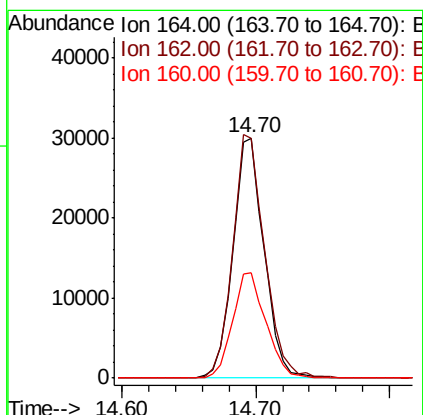
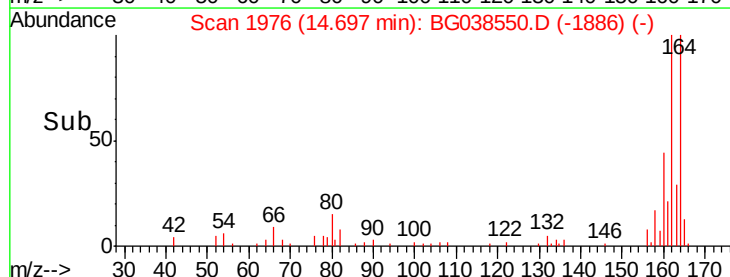
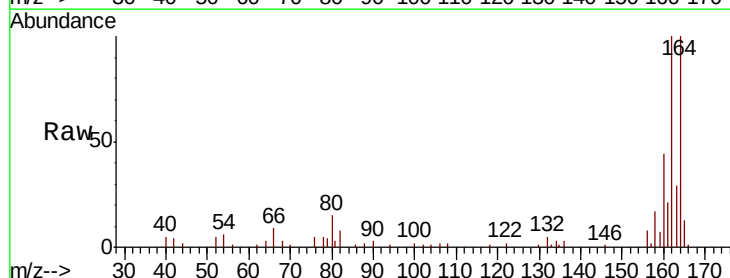
Tgt Ion: 164 Resp: 48409

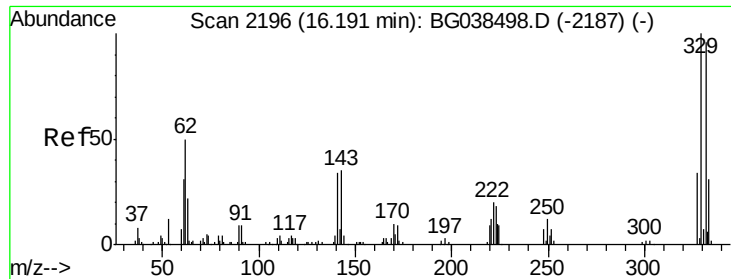
Ion Ratio Lower Upper

164 100

162 100.0 86.6 130.0

160 43.8 34.2 51.2

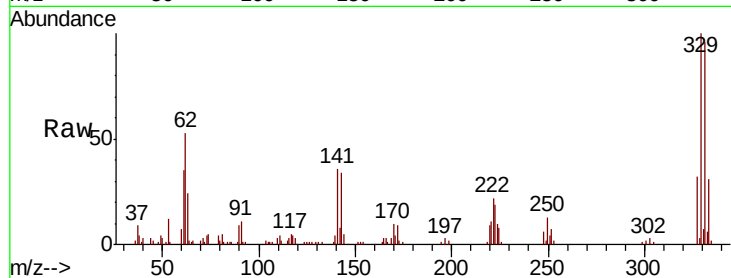




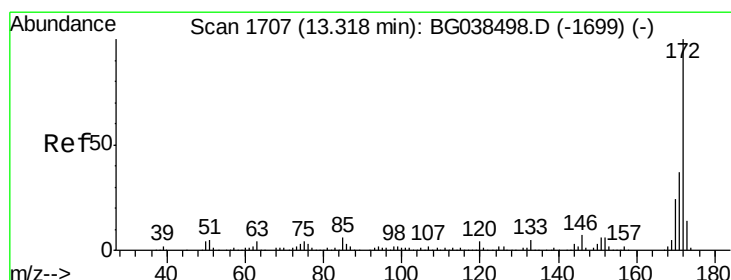
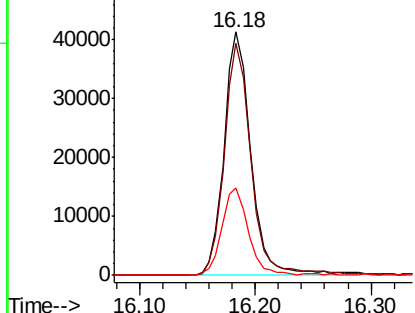
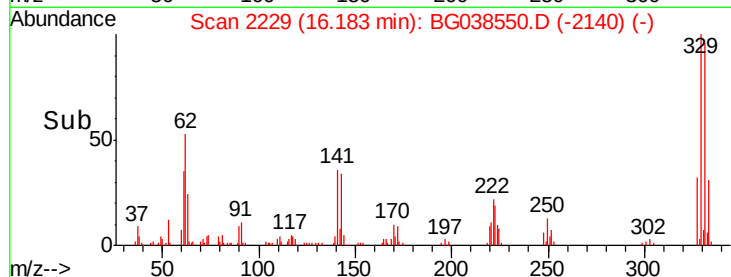
#42
 2,4,6-Tribromophenol
 Concen: 99.601 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038550.D
 Acq: 14 Dec 2018 2:36

Instrument :
 BNA_G
 ClientSampleId :
 PB115634BL

Tgt Ion:330 Resp: 66450
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.9 115.3
 141 35.6 28.8 43.2

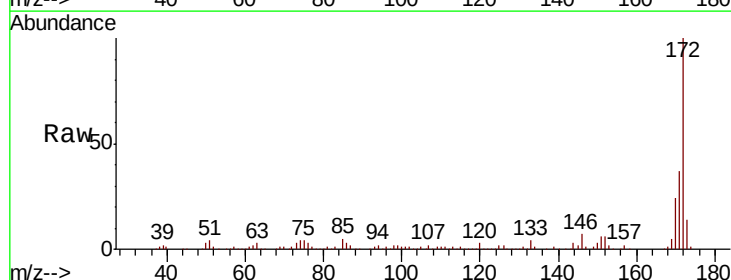


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

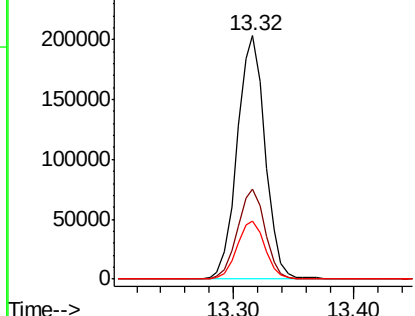
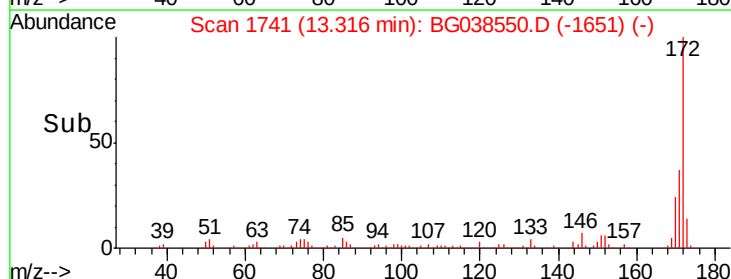


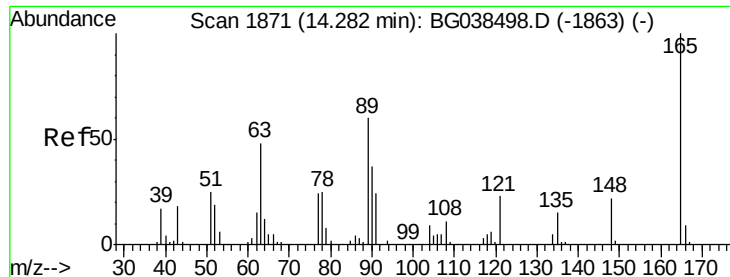
#45
 2-Fluorobiphenyl
 Concen: 92.901 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038550.D
 Acq: 14 Dec 2018 2:36

Tgt Ion:172 Resp: 327824
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 24.0 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

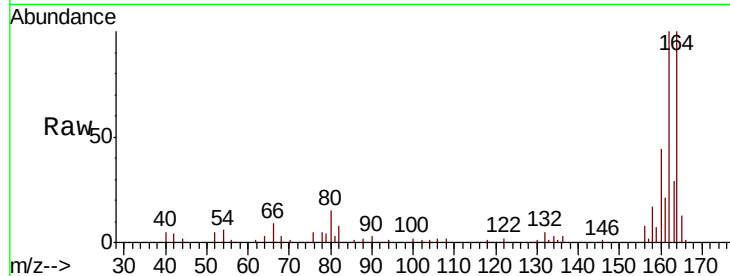




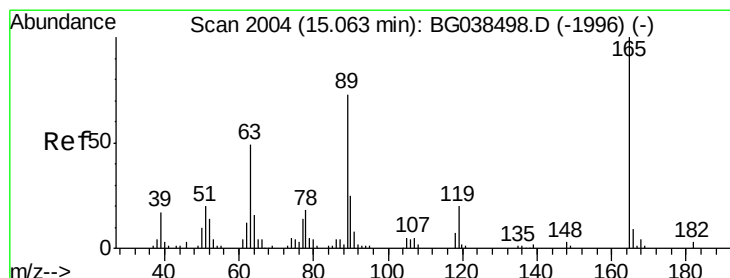
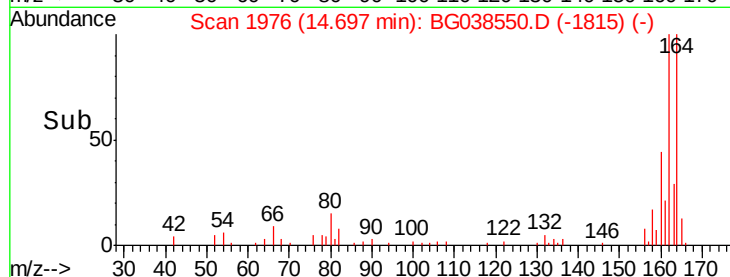
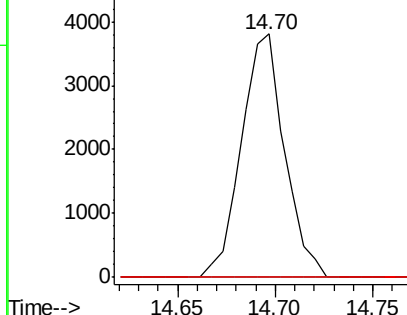
#51
 2,6-Dinitrotoluene
 Concen: 6.502 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.42 min
 Lab File: BG038550.D
 Acq: 14 Dec 2018 2:36

Instrument :
 BNA_G
 ClientSampleId :
 PB115634BL

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



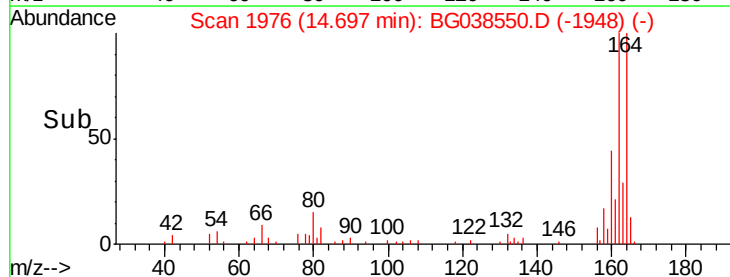
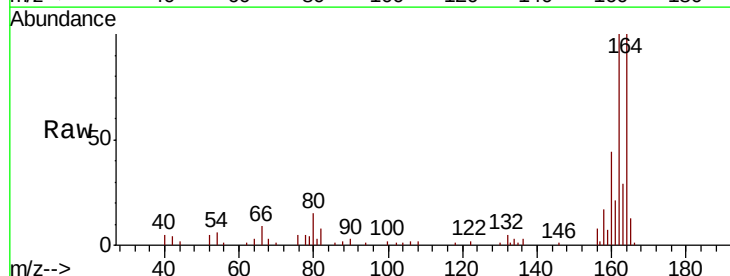
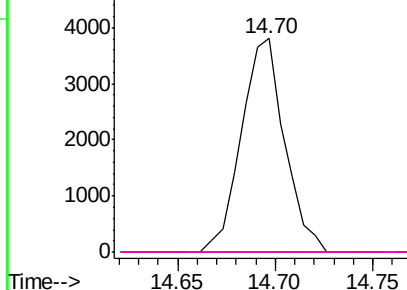
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

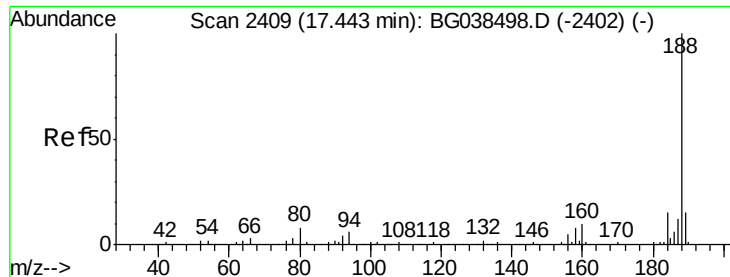


#57
 2,4-Dinitrotoluene
 Concen: 4.616 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG038550.D
 Acq: 14 Dec 2018 2:36

Tgt 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

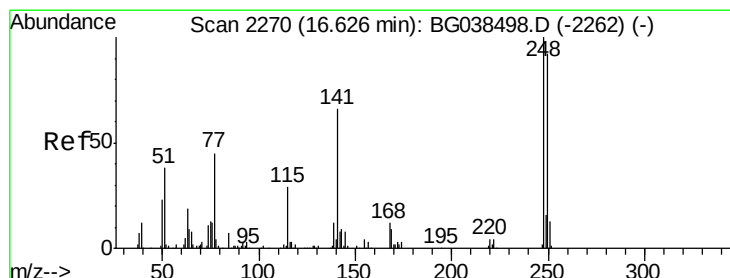
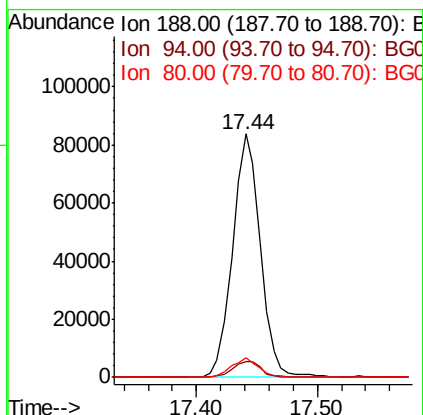
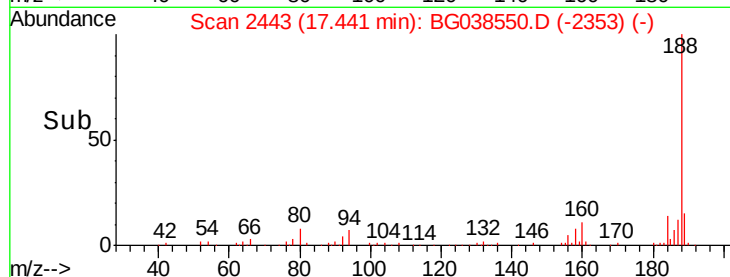
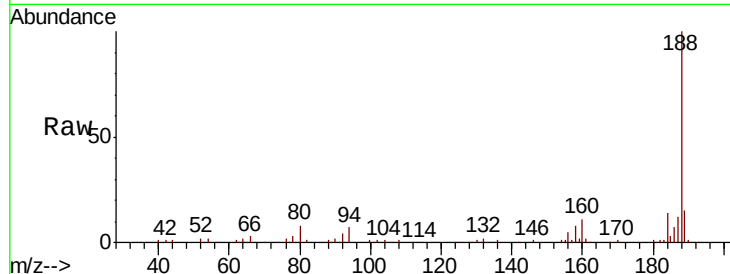




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038550.D
 Acq: 14 Dec 2018 2:36

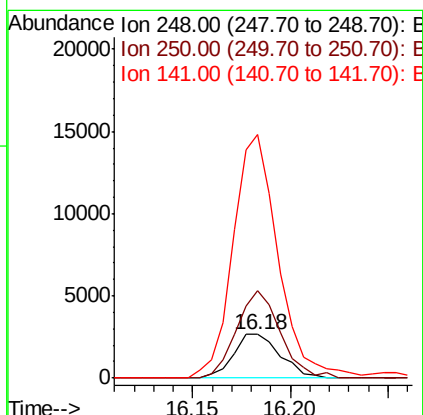
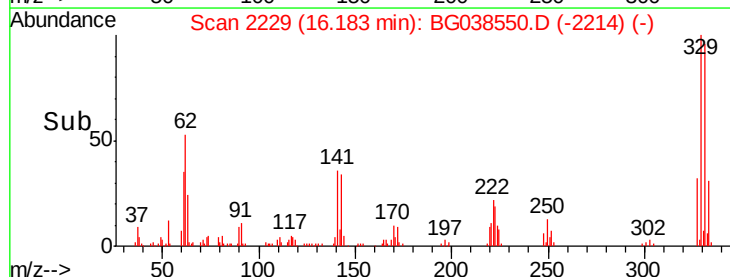
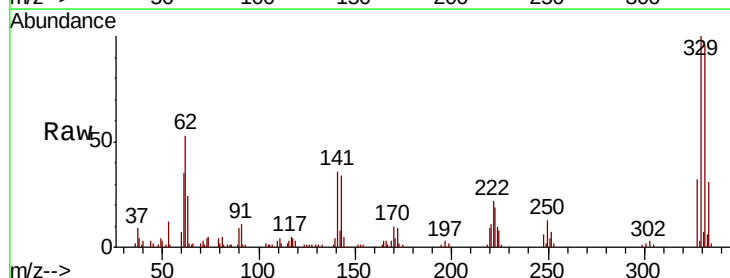
Instrument :
 BNA_G
 ClientSampled :
 PB115634BL

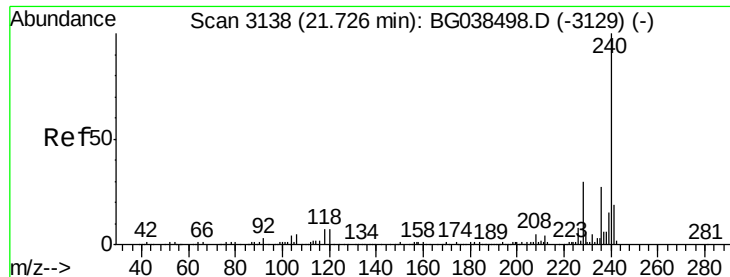
Tgt Ion:188 Resp: 134063
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.1 7.7
 80 8.0 6.1 9.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.693 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038550.D
 Acq: 14 Dec 2018 2:36

Tgt Ion:248 Resp: 4409
 Ion Ratio Lower Upper
 248 100
 250 201.0 73.4 110.2#
 141 420.7 52.9 79.3#

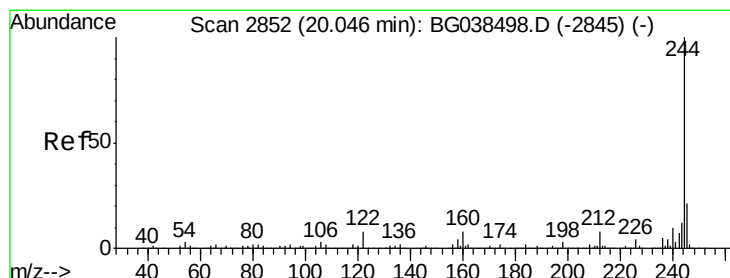
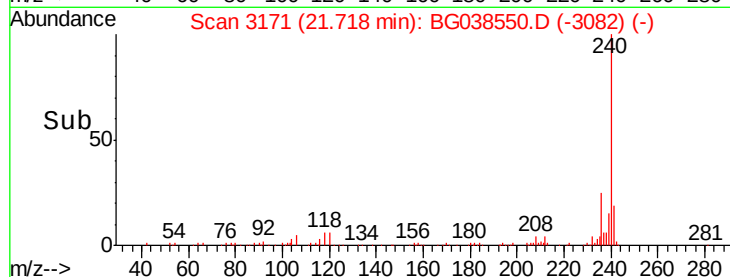
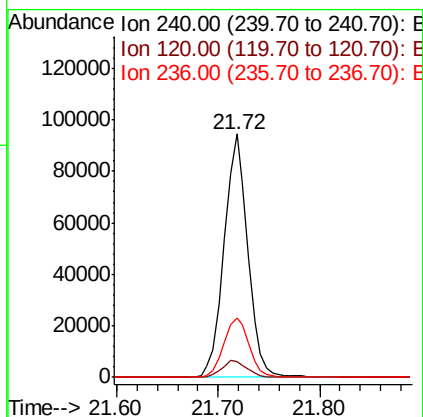
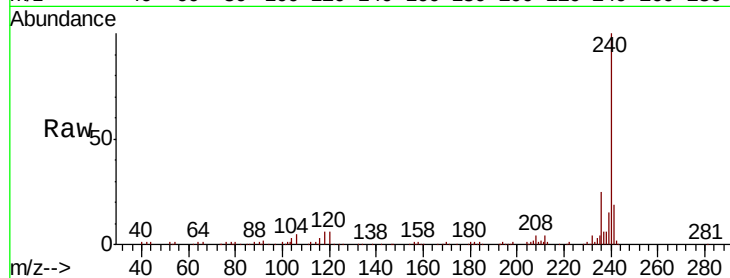




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038550.D
Acq: 14 Dec 2018 2:36

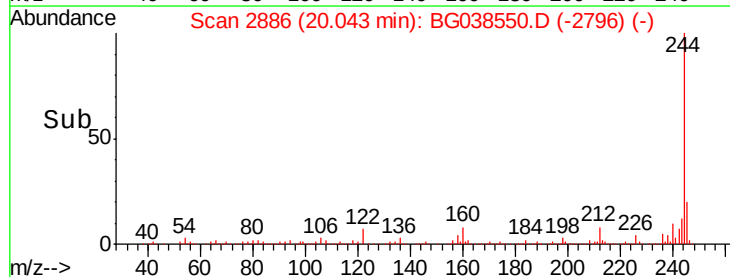
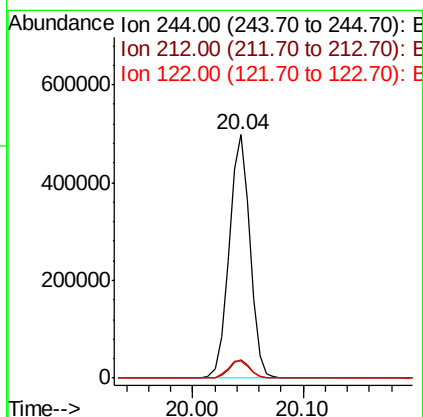
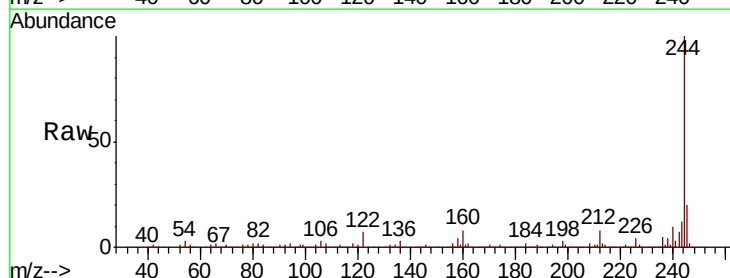
Instrument :
BNA_G
ClientSampleId :
PB115634BL

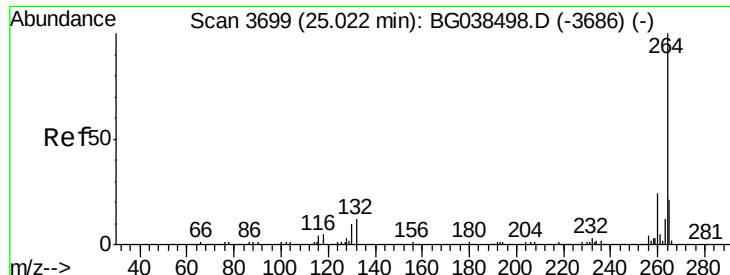
Tgt Ion:240 Resp: 152882
Ion Ratio Lower Upper
240 100
120 6.5 5.3 7.9
236 24.6 21.4 32.2



#79
Terphenyl-d14
Concen: 93.415 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038550.D
Acq: 14 Dec 2018 2:36

Tgt Ion:244 Resp: 656220
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 7.2 6.3 9.5

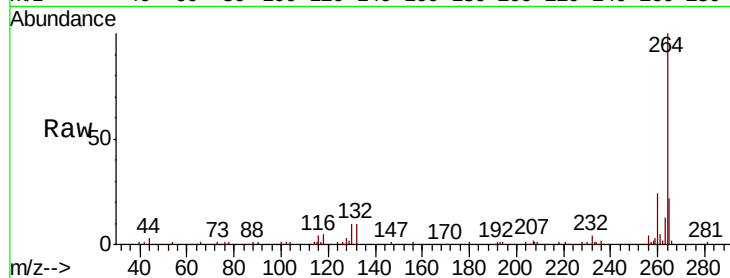




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038550.D
Acq: 14 Dec 2018 2:36

Instrument :
BNA_G
ClientSampleId :
PB115634BL

Tgt Ion:	264	Resp:	156852
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.0	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

