

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112018\
 Data File : BG038107.D
 Acq On : 21 Nov 2018 6:35
 Operator : JU/SJ
 Sample : J6006-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RS-CON-WALL-1

Quant Time: Nov 21 07:22:32 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

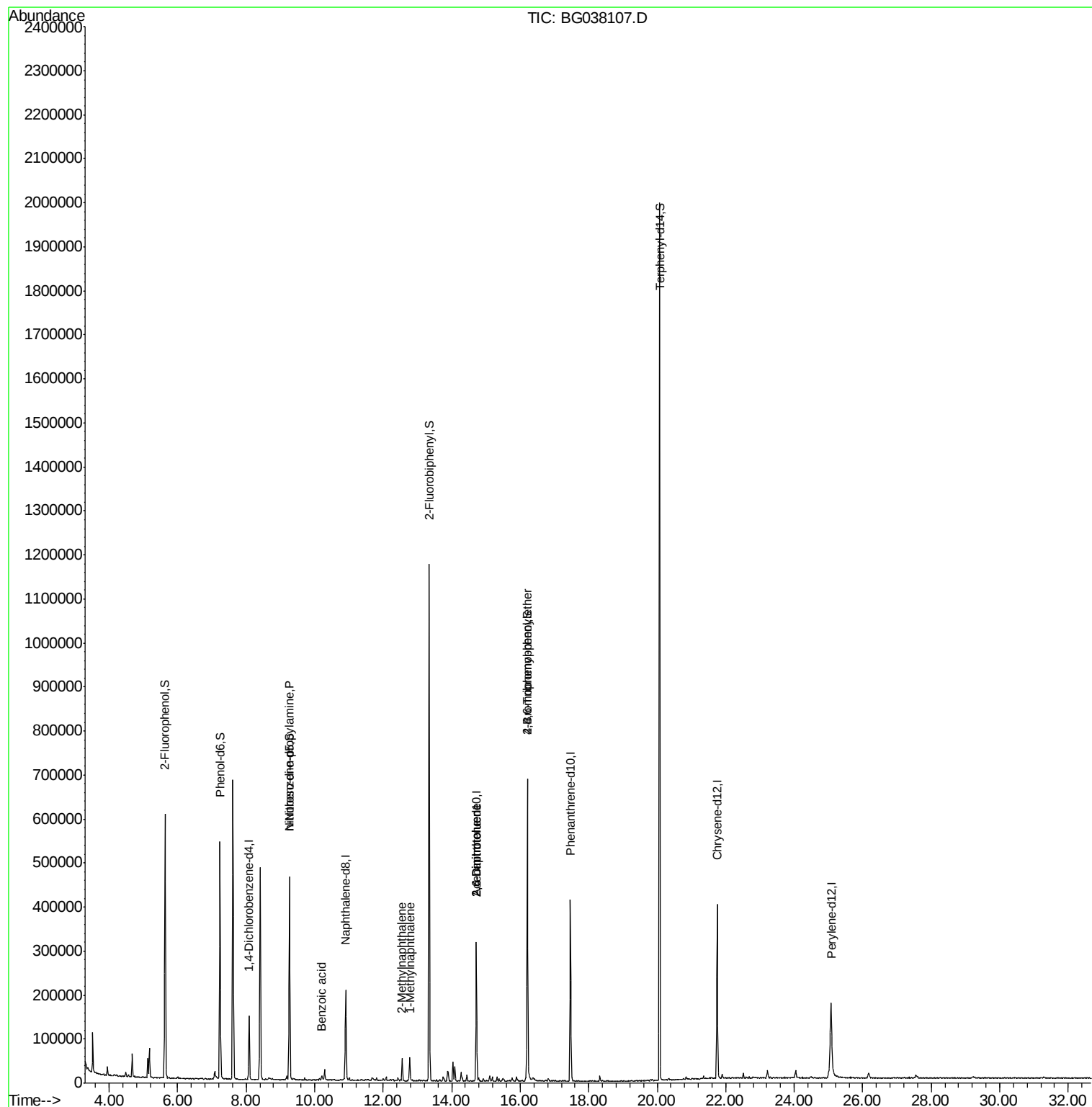
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42551	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	180710	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	113024	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	253445	20.00	ng	0.00
76) Chrysene-d12	21.75	240	244123	20.00	ng	0.00
87) Perylene-d12	25.07	264	243624	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	277901	112.76	ng	0.00
7) Phenol-d6	7.23	99	340665	96.84	ng	0.00
23) Nitrobenzene-d5	9.26	82	285703	84.63	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	130294	101.08	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	607415	78.29	ng	0.00
79) Terphenyl-d14	20.07	244	972124	93.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	36594	14.376	ng	Qvalue # 73
32) Benzoic acid	10.19	122	198	12.421	ng	# 87
37) 2-Methylnaphthalene	12.55	142	26625	4.170	ng	96
38) 1-Methylnaphthalene	12.77	142	25023	4.072	ng	97
51) 2,6-Dinitrotoluene	14.72	165	15487	7.637	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	15487	5.613	ng	# 24
67) 4-Bromophenyl-phenylether	16.20	248	8726	3.137	ng	# 1

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

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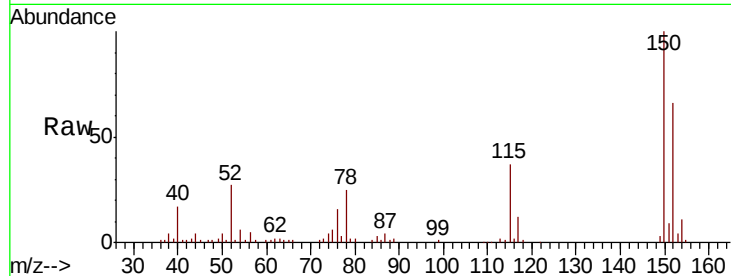


#1

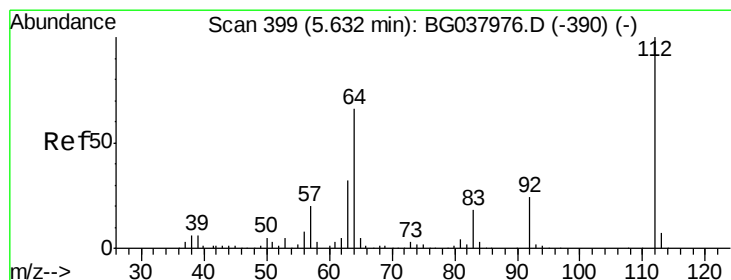
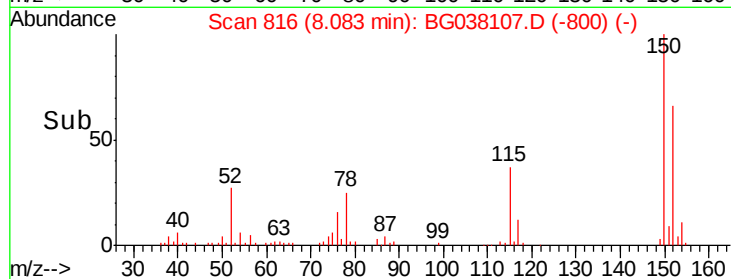
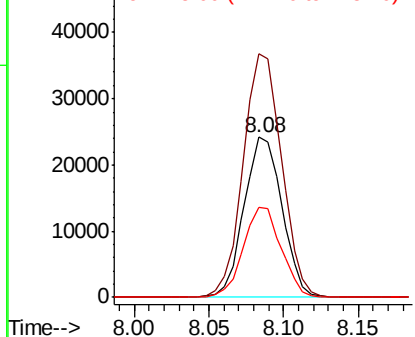
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038107.D
Acq: 21 Nov 2018 6:35

Instrument :
BNA_G
ClientSampleId :
RS-CON-WALL-1

Tgt Ion:152 Resp: 42551
Ion Ratio Lower Upper
152 100
150 151.9 126.0 189.0
115 56.2 45.5 68.3



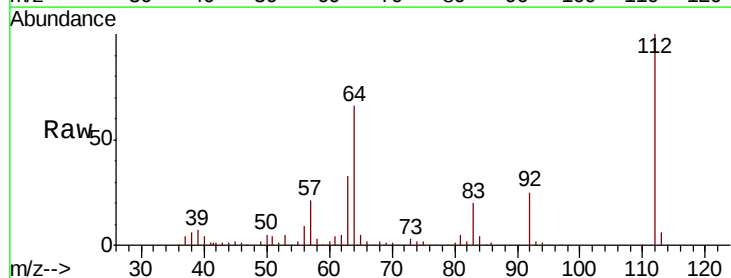
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



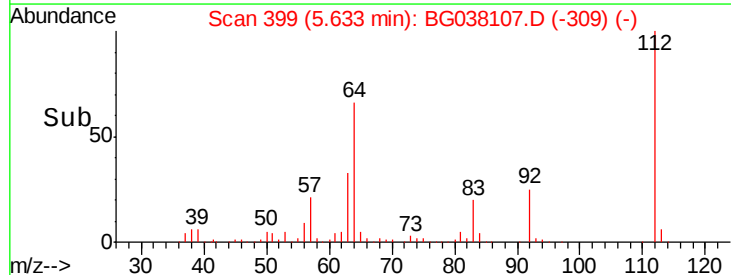
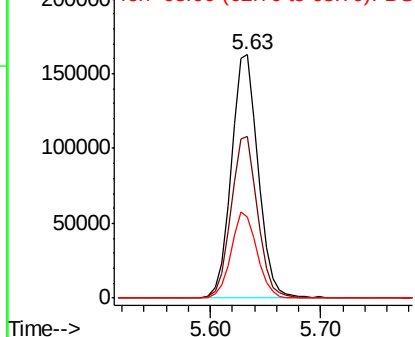
#5

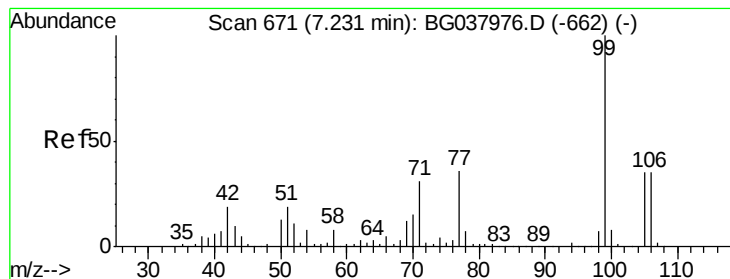
2-Fluorophenol
Concen: 112.762 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038107.D
Acq: 21 Nov 2018 6:35

Tgt Ion:112 Resp: 277901
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 33.1 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: 96.837 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038107.D

Acq: 21 Nov 2018 6:35

Instrument :

BNA_G

ClientSampleId :

RS-CON-WALL-1

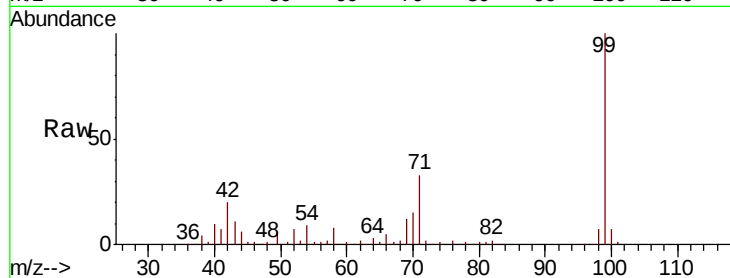
Tgt Ion: 99 Resp: 340665

Ion Ratio Lower Upper

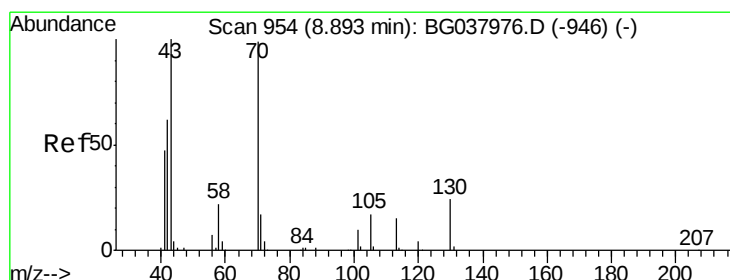
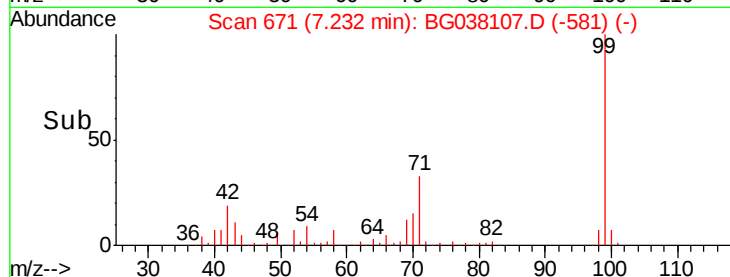
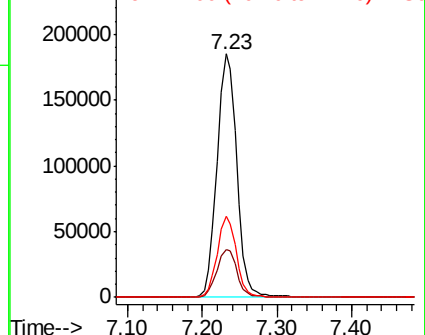
99 100

42 19.6 15.0 22.4

71 33.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.376 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038107.D

Acq: 21 Nov 2018 6:35

Tgt Ion: 70 Resp: 36594

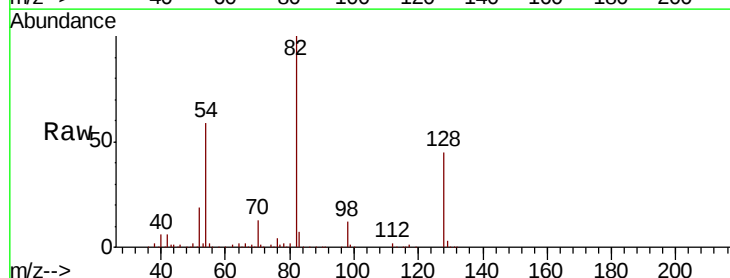
Ion Ratio Lower Upper

70 100

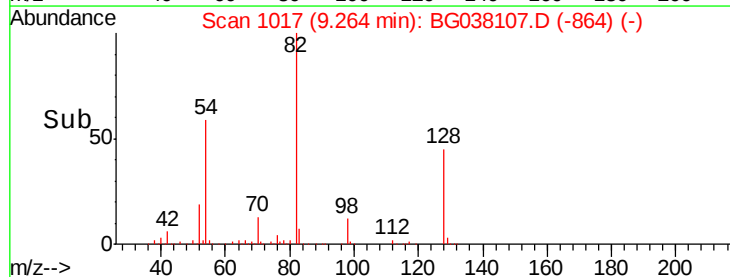
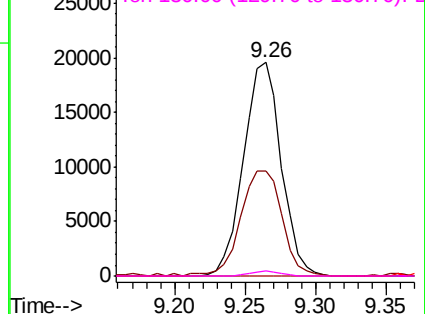
42 49.2 53.9 80.9#

101 0.0 8.2 12.2#

130 2.5 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

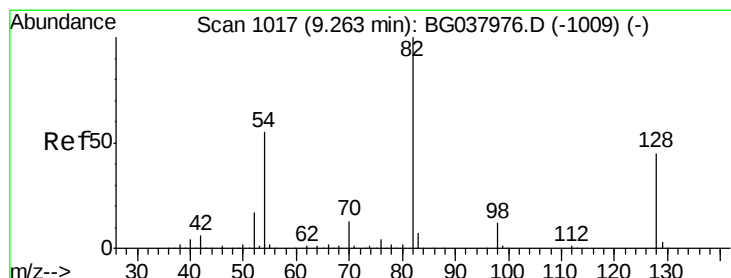
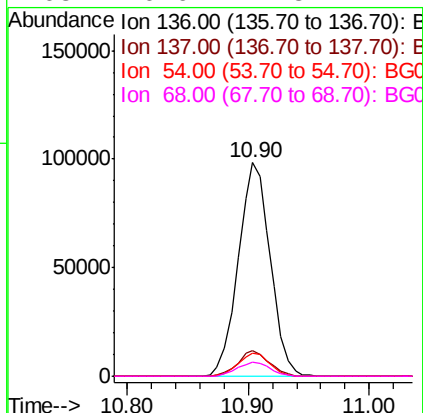
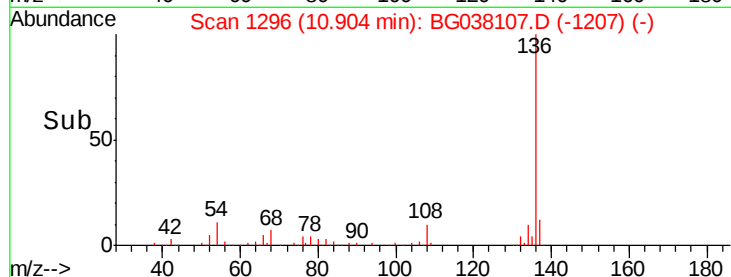
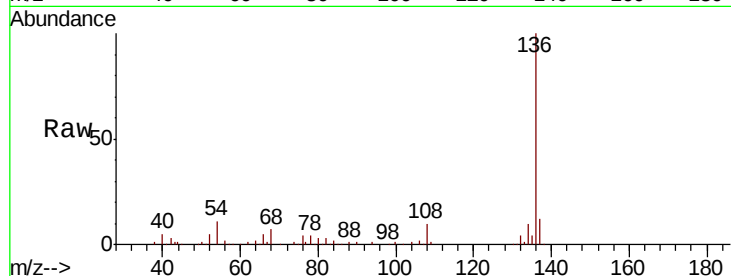




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038107.D
Acq: 21 Nov 2018 6:35

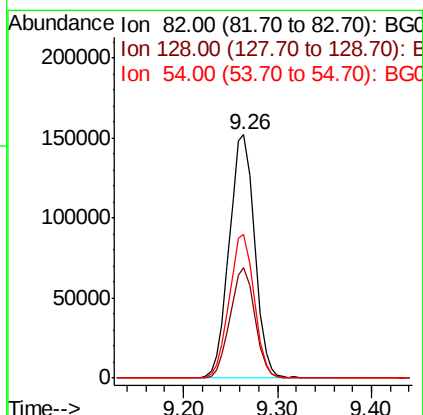
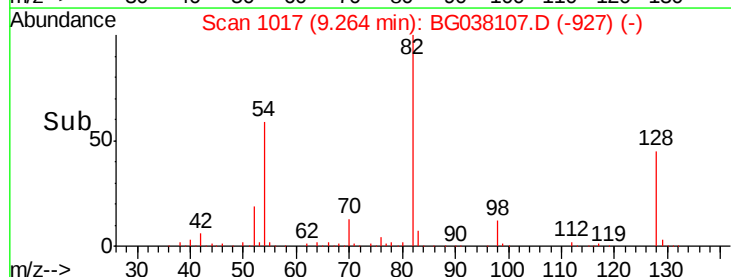
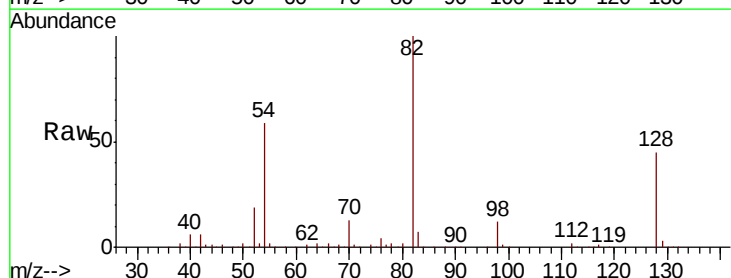
Instrument :
BNA_G
ClientSampleId :
RS-CON-WALL-1

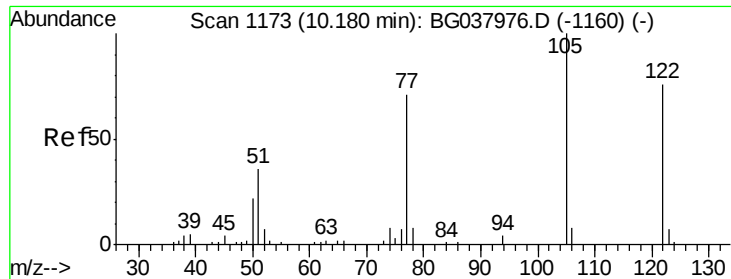
Tgt Ion:	136	Resp:	180710
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	10.7	7.9	11.9
68	6.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 84.632 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038107.D
Acq: 21 Nov 2018 6:35

Tgt Ion:	82	Resp:	285703
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	58.8	45.3	67.9





#32

Benzoic acid

Concen: 12.421 ng

RT: 10.19 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BG038107.D

Acq: 21 Nov 2018 6:35

Instrument :

BNA_G

ClientSampleId :

RS-CON-WALL-1

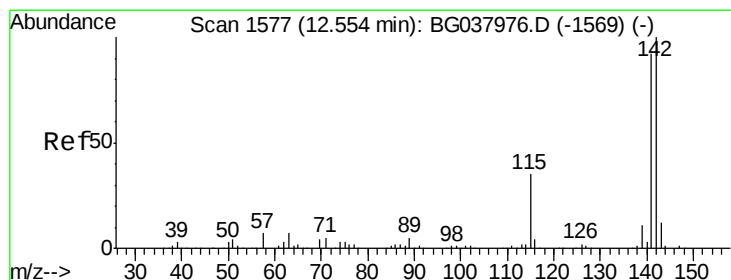
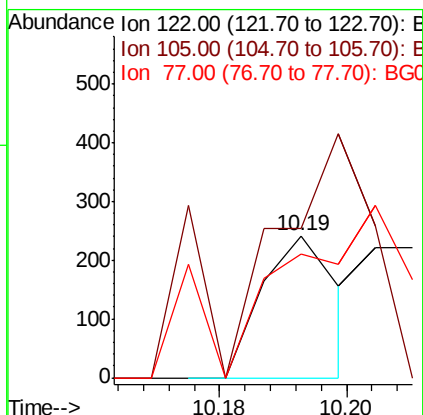
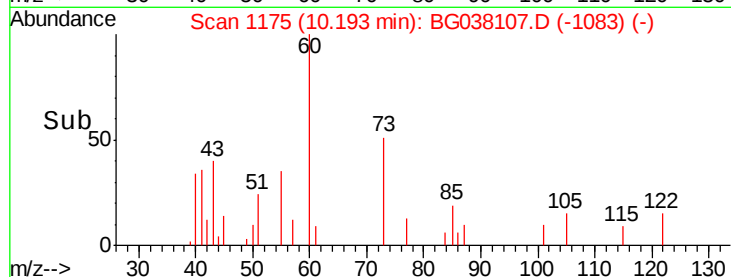
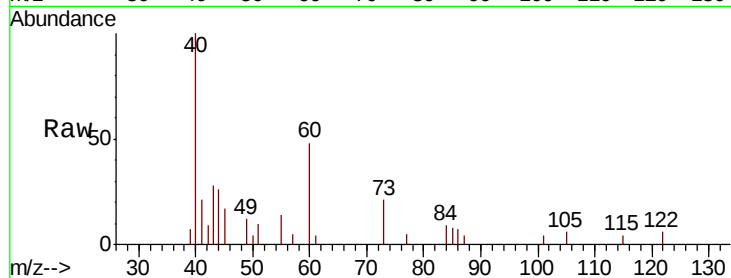
Tgt Ion:122 Resp: 198

Ion Ratio Lower Upper

122 100

105 105.4 106.7 146.7#

77 86.8 72.2 112.2



#37

2-Methylnaphthalene

Concen: 4.170 ng

RT: 12.55 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BG038107.D

Acq: 21 Nov 2018 6:35

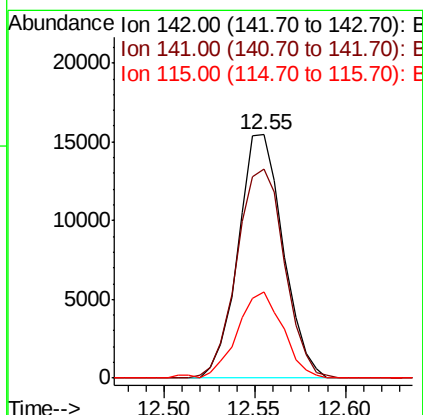
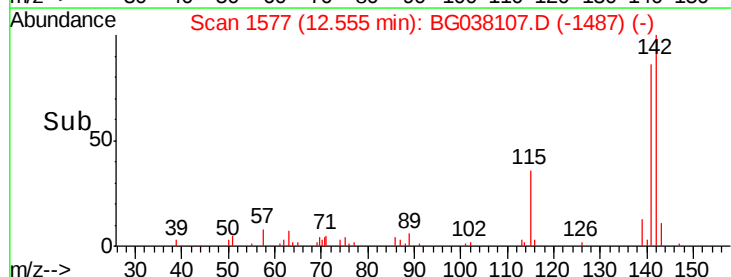
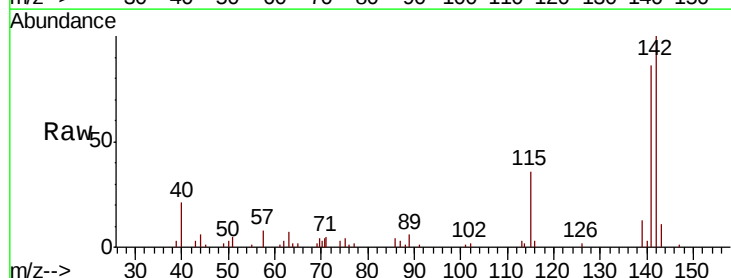
Tgt Ion:142 Resp: 26625

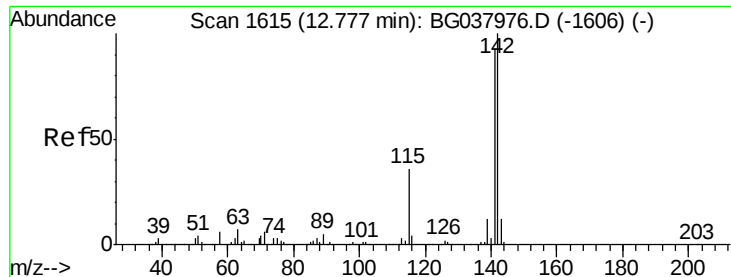
Ion Ratio Lower Upper

142 100

141 85.8 71.9 107.9

115 35.7 27.8 41.8

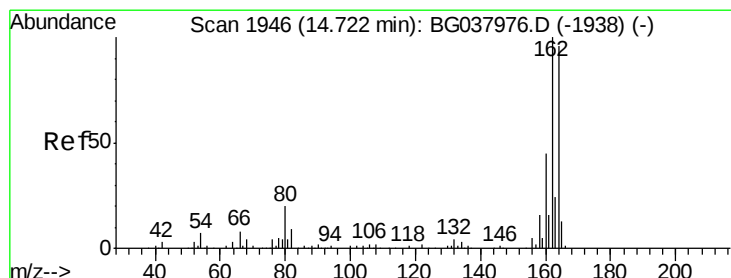
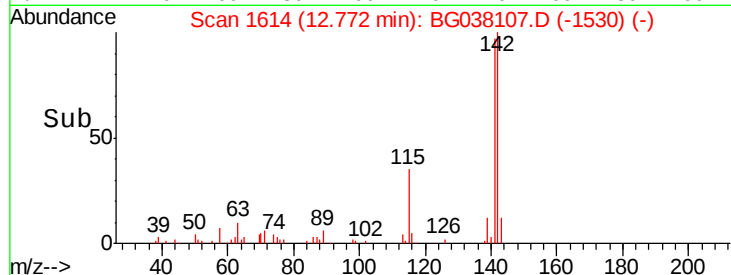
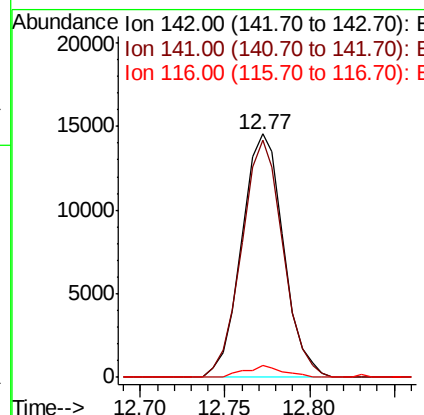
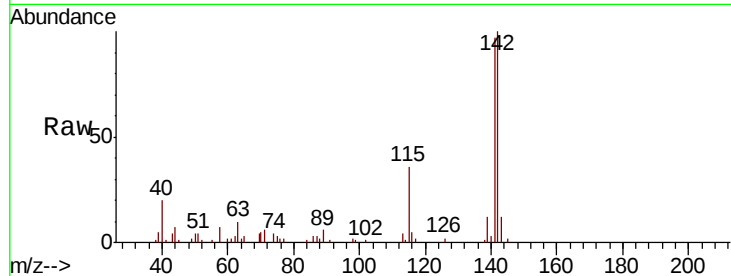




#38
 1-Methylnaphthalene
 Concen: 4.072 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG038107.D
 Acq: 21 Nov 2018 6:35

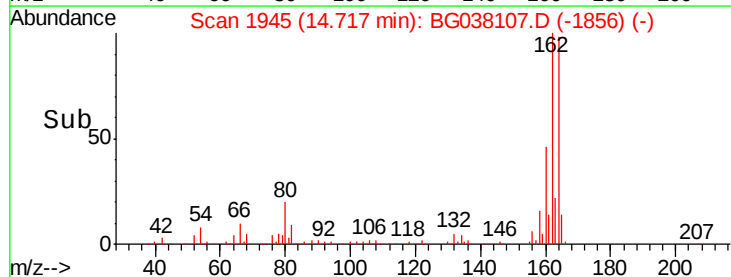
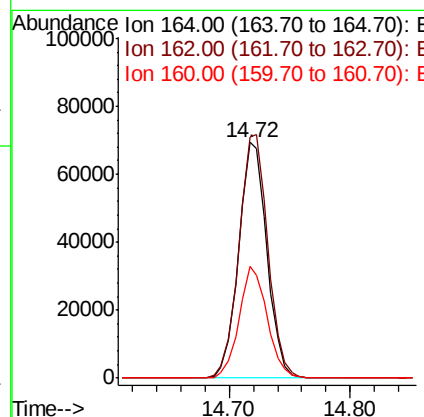
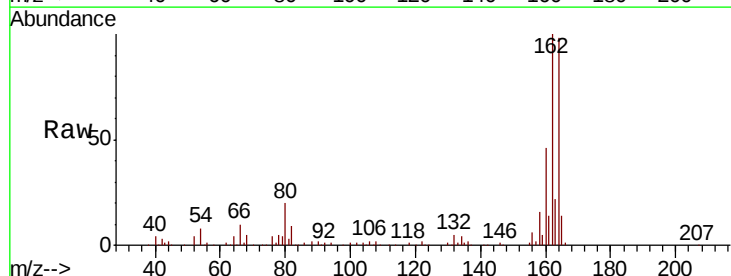
Instrument :
 BNA_G
 ClientSampleId :
 RS-CON-WALL-1

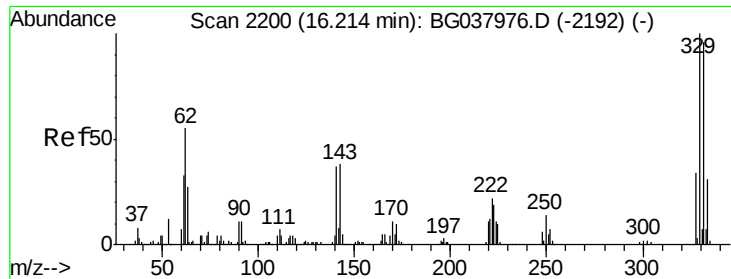
Tgt Ion:142 Resp: 25023
 Ion Ratio Lower Upper
 142 100
 141 97.4 75.2 112.8
 116 4.7 3.3 4.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BG038107.D
 Acq: 21 Nov 2018 6:35

Tgt Ion:164 Resp: 113024
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.3 121.9
 160 47.2 36.3 54.5

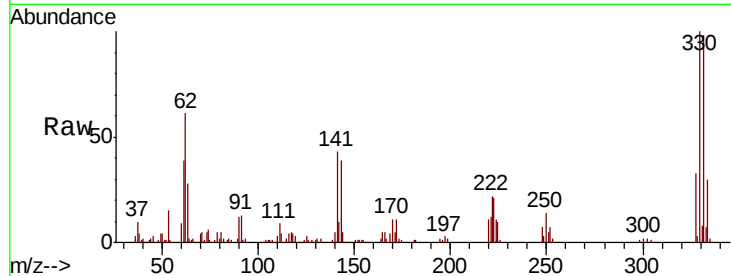




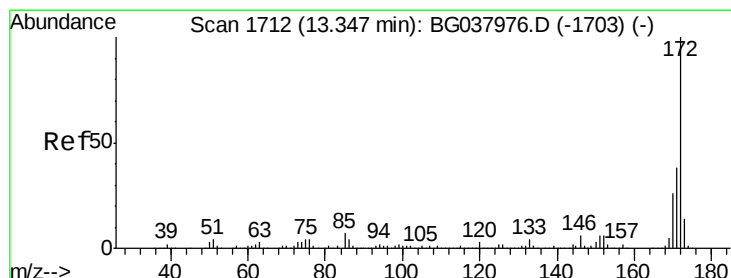
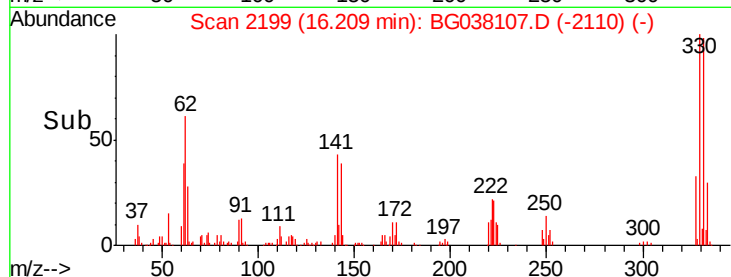
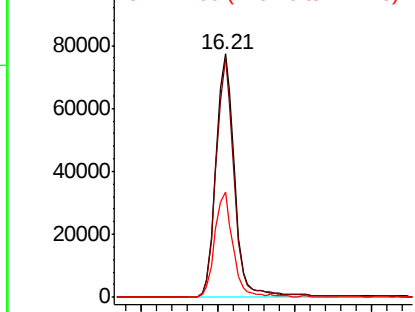
#42
 2,4,6-Tribromophenol
 Concen: 101.081 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038107.D
 Acq: 21 Nov 2018 6:35

Instrument :
 BNA_G
 ClientSampleId :
 RS-CON-WALL-1

Tgt Ion:330 Resp: 130294
 Ion Ratio Lower Upper
 330 100
 332 93.7 78.4 117.6
 141 41.8 32.2 48.2

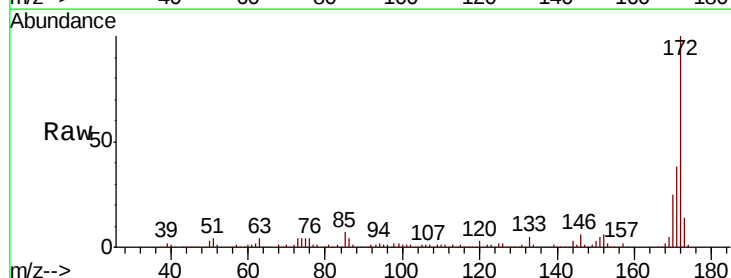


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

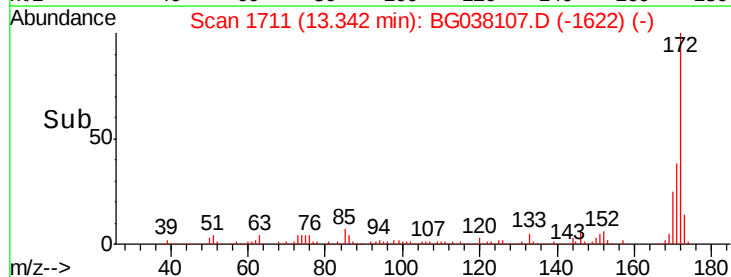
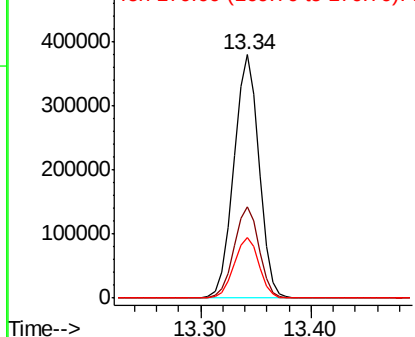


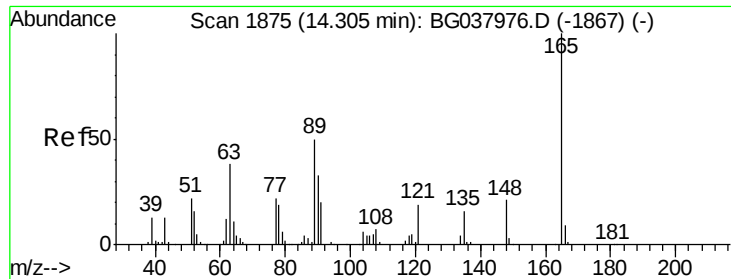
#45
 2-Fluorobiphenyl
 Concen: 78.294 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038107.D
 Acq: 21 Nov 2018 6:35

Tgt Ion:172 Resp: 607415
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.0 46.4
 170 25.0 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





#51

2,6-Dinitrotoluene

Concen: 7.637 ng

RT: 14.72 min Scan# 1945

Delta R.T. 0.41 min

Lab File: BG038107.D

Acq: 21 Nov 2018 6:35

Instrument :

BNA_G

ClientSampleId :

RS-CON-WALL-1

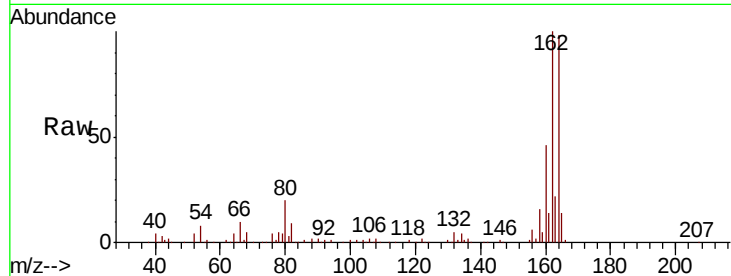
Tgt Ion:165 Resp: 15487

Ion Ratio Lower Upper

165 100

63 2.2 43.4 65.2#

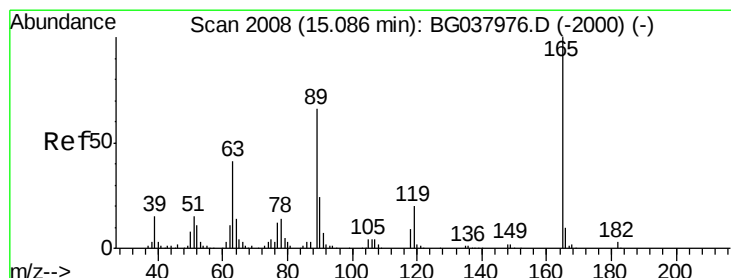
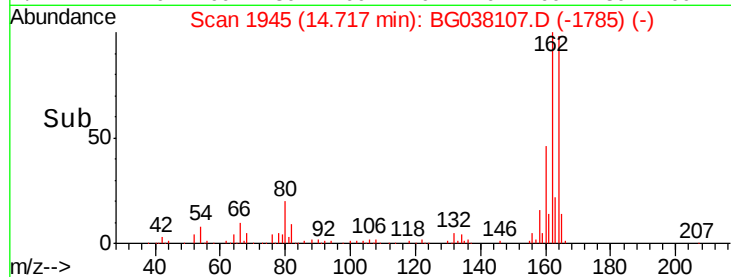
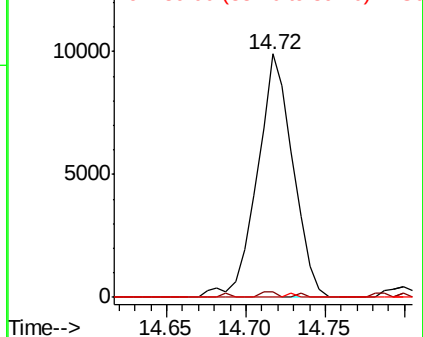
89 0.0 45.8 68.6#



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: 5.613 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.37 min

Lab File: BG038107.D

Acq: 21 Nov 2018 6:35

Tgt Ion:165 Resp: 15487

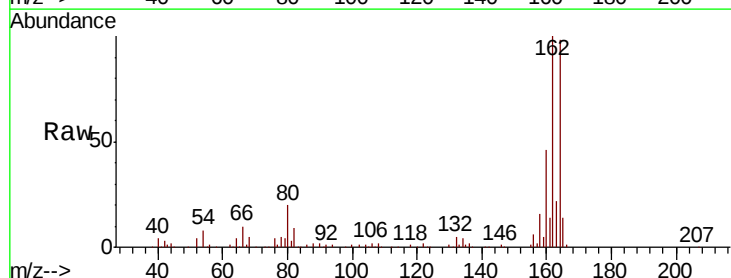
Ion Ratio Lower Upper

165 100

63 2.2 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

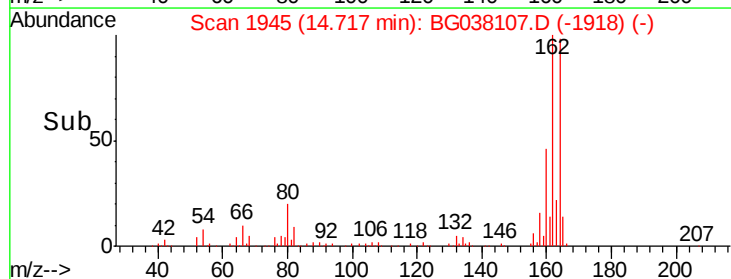
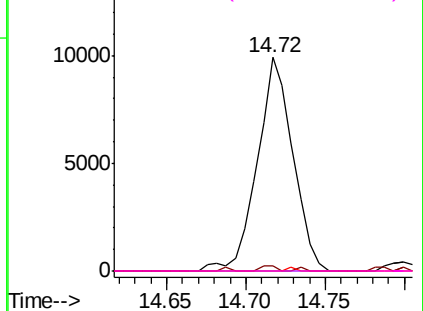


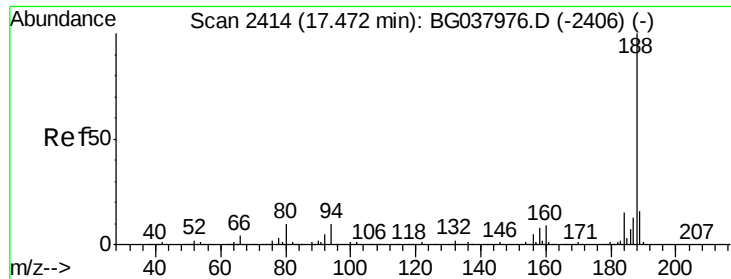
Abundance Ion 165.00 (164.70 to 165.70): E

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

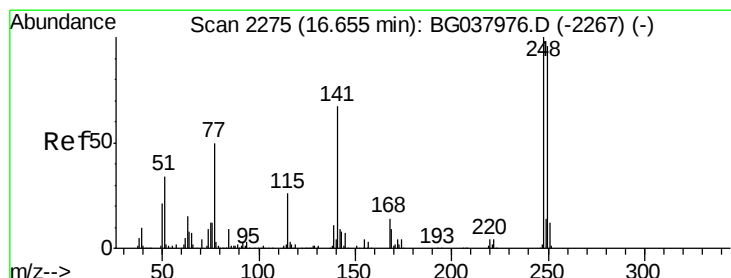
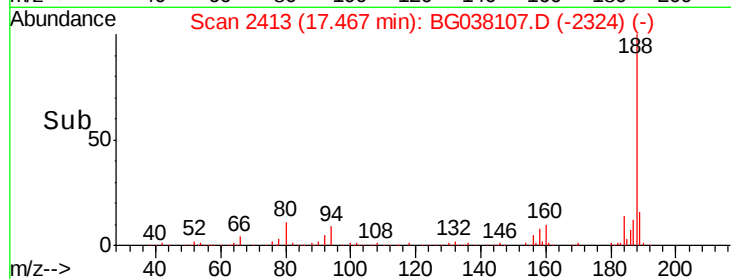
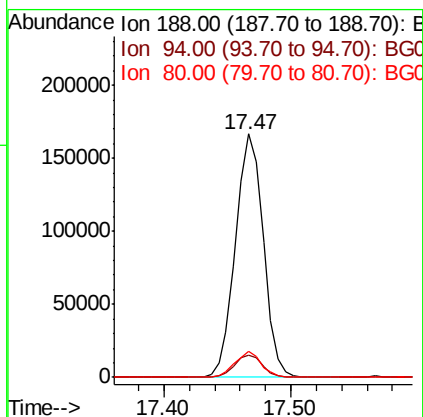
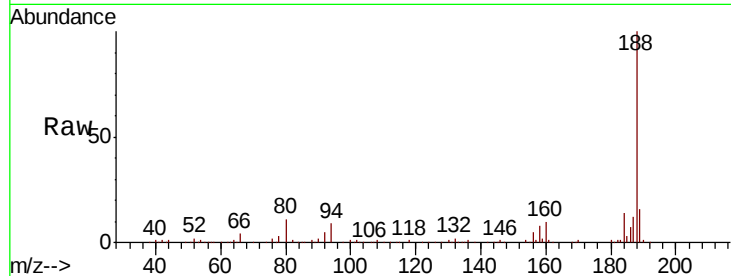




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038107.D
 Acq: 21 Nov 2018 6:35

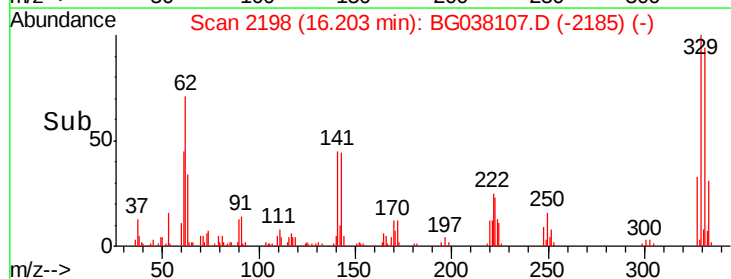
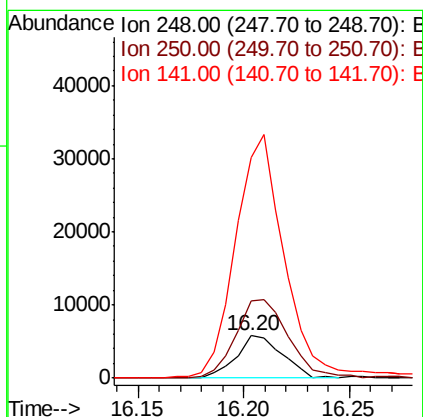
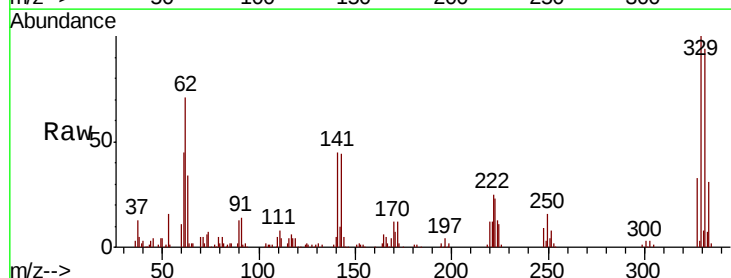
Instrument :
 BNA_G
 ClientSampleId :
 RS-CON-WALL-1

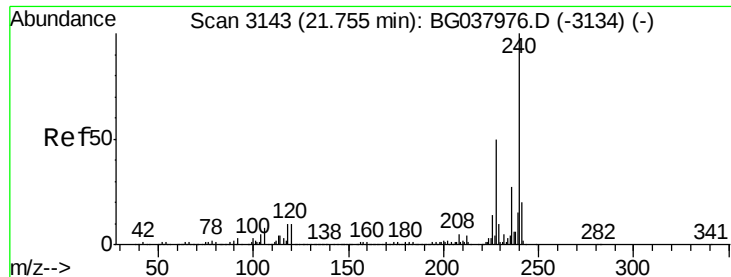
Tgt Ion:188 Resp: 253445
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.2 10.8
 80 10.7 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.137 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038107.D
 Acq: 21 Nov 2018 6:35

Tgt Ion:248 Resp: 8726
 Ion Ratio Lower Upper
 248 100
 250 172.2 77.0 115.6#
 141 392.4 55.5 83.3#

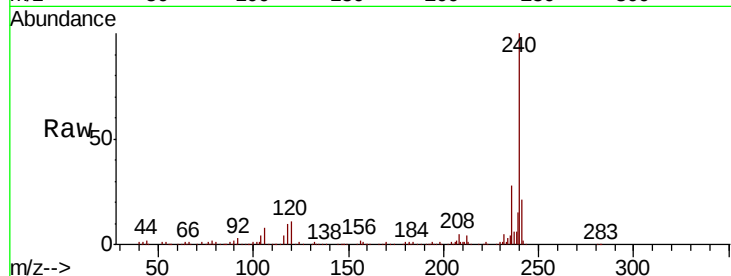




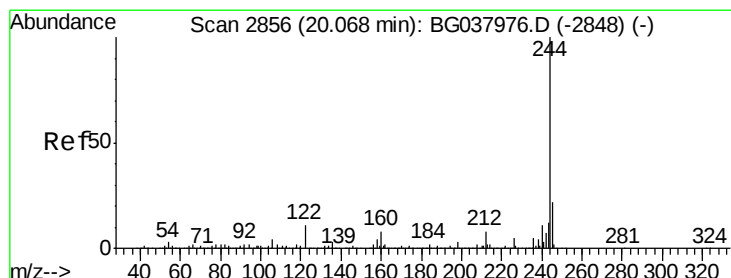
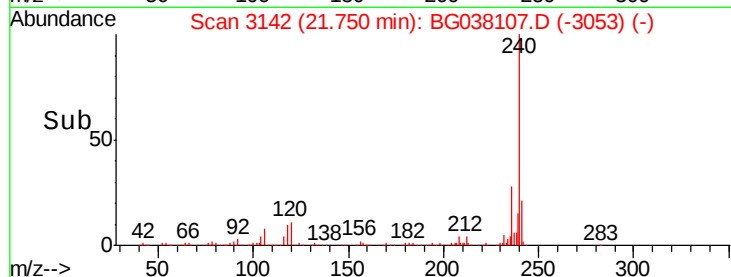
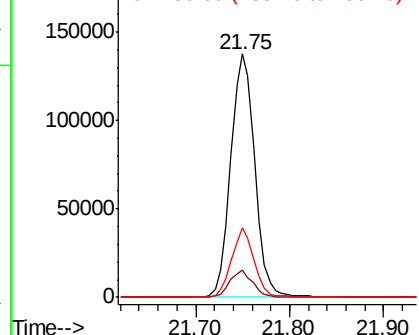
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038107.D
Acq: 21 Nov 2018 6:35

Instrument :
BNA_G
ClientSampleId :
RS-CON-WALL-1

Tgt Ion:240 Resp: 244123
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 28.4 21.4 32.0

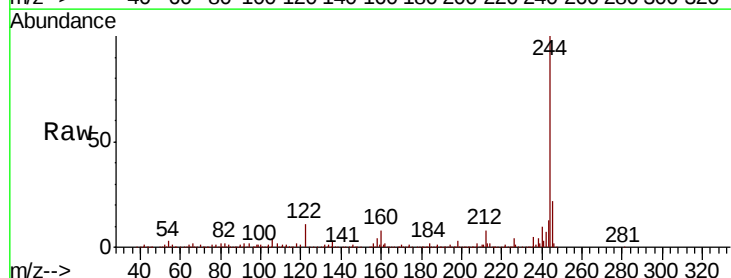


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

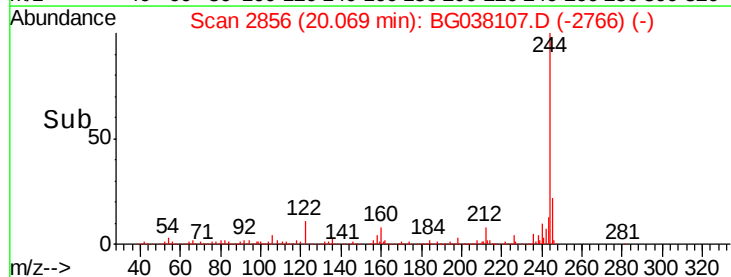
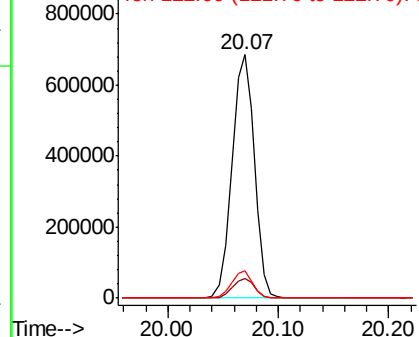


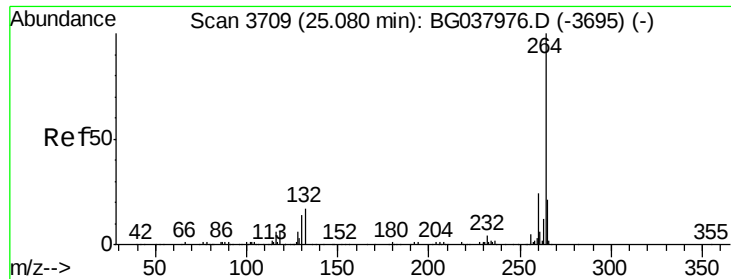
#79
Terphenyl-d14
Concen: 93.699 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038107.D
Acq: 21 Nov 2018 6:35

Tgt Ion:244 Resp: 972124
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.0 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
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038107.D
Acq: 21 Nov 2018 6:35

Instrument :
BNA_G
ClientSampleId :
RS-CON-WALL-1

Tgt Ion:	264	Resp:	243624
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	23.5	17.9	26.9

