

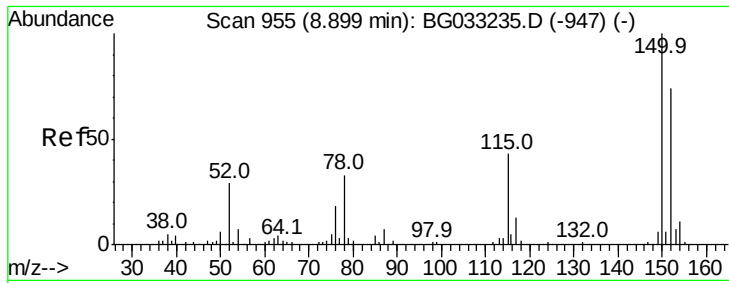
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033634.D
 Acq On : 6 Apr 2018 18:49
 Operator : SJ/JU
 Sample : J2165-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 07 00:50:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37973	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	180491	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	133201	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	320358	20.00	ng	0.00
75) Chrysene-d12	22.56	240	314557	20.00	ng	0.00
86) Perylene-d12	26.34	264	263859	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	357336	176.45	ng	0.00
7) Phenol-d6	7.97	99	482617	138.70	ng	0.00
23) Nitrobenzene-d5	10.06	82	410500	104.49	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	265714	133.38	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	949678	102.93	ng	0.00
78) Terphenyl-d14	20.73	244	1579002	107.35	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6662	2.432	ng	# 45
19) n-Nitroso-di-n-propylamine	10.06	70	55551	21.788	ng	# 71
50) 2,6-Dinitrotoluene	15.48	165	17587	7.420	ng	# 20
53) 2,4-Dinitrophenol	15.35	184	80	7.702	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	17585	5.039	ng	# 17
66) 4-Bromophenyl-phenylether	16.95	248	20115	5.346	ng	# 1
76) Benzidine	20.73	184	27930	3.274	ng	# 93

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

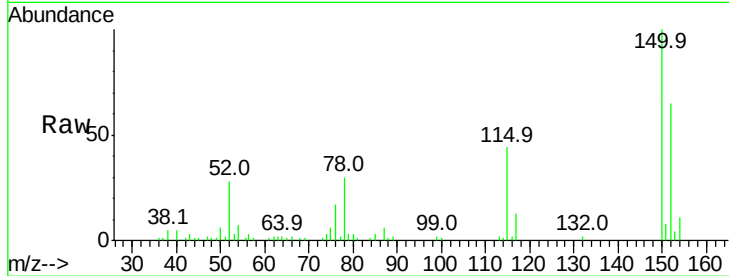


#1

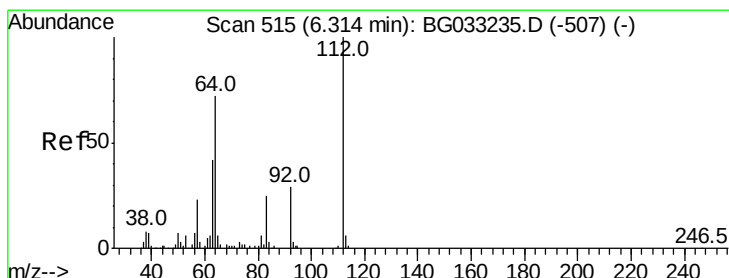
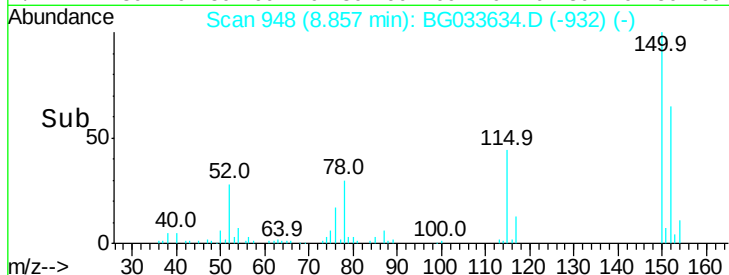
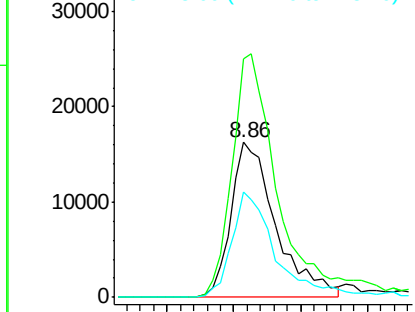
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033634.D
Acq: 6 Apr 2018 18:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37973
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 67.6 53.0 79.4



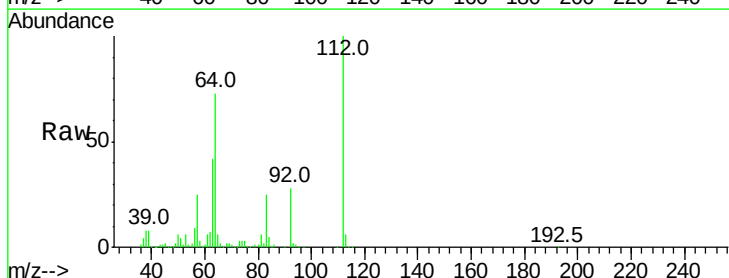
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



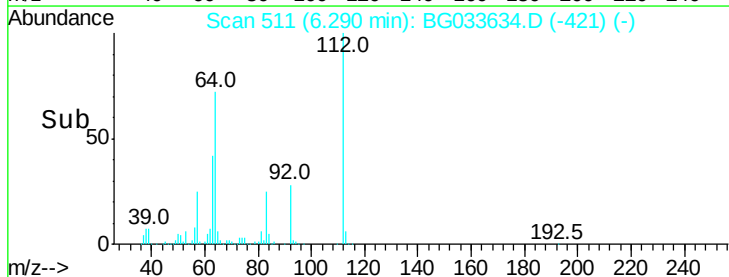
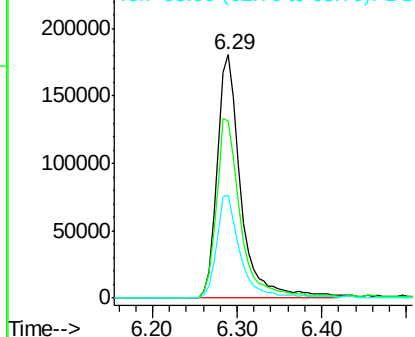
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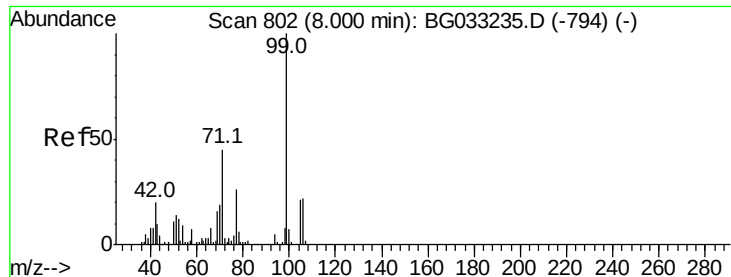
2-Fluorophenol
Concen: 176.454 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033634.D
Acq: 6 Apr 2018 18:49

Tgt Ion:112 Resp: 357336
Ion Ratio Lower Upper
112 100
64 72.5 56.3 84.5
63 42.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.702 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033634.D

Acq: 6 Apr 2018 18:49

Instrument :

BNA_G

ClientSampled :

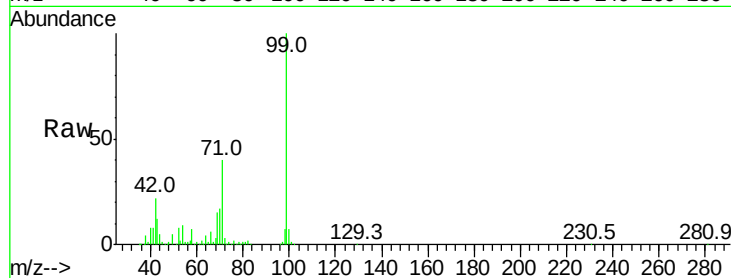
Tot Ion: 99 Resp: 482617

Ion Ratio Lower Upper

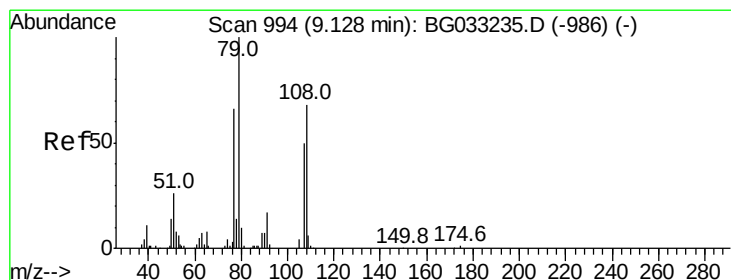
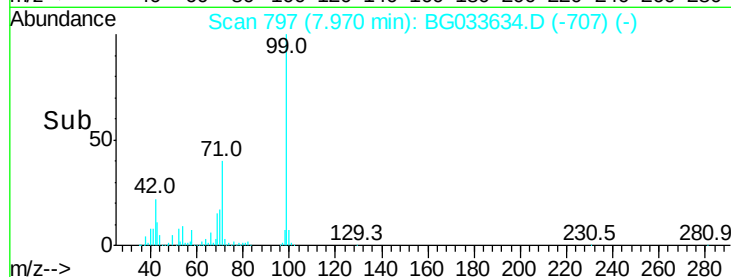
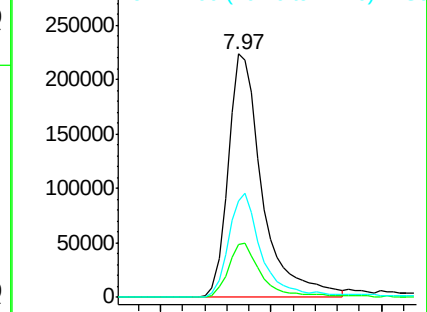
99 100

42 21.7 14.1 21.1#

71 39.8 26.1 39.1#



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: 2.432 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033634.D

Acq: 6 Apr 2018 18:49

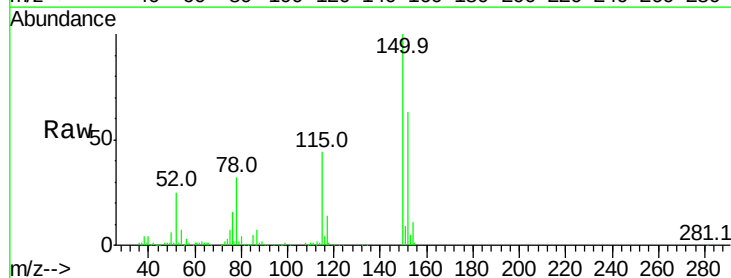
Tgt Ion: 79 Resp: 6662

Ion Ratio Lower Upper

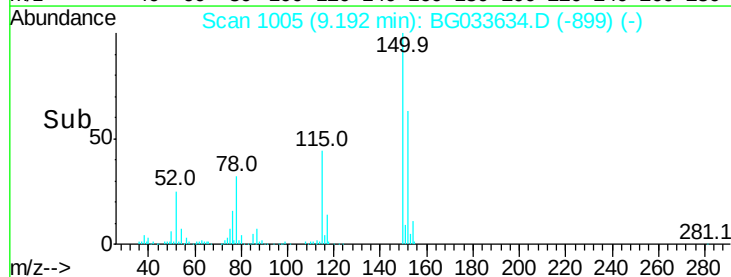
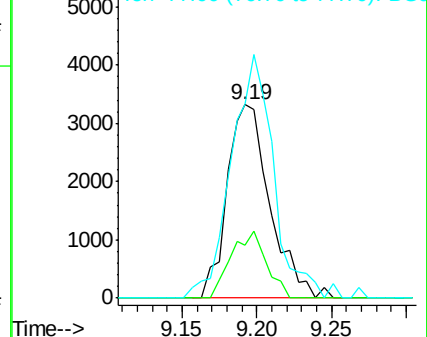
79 100

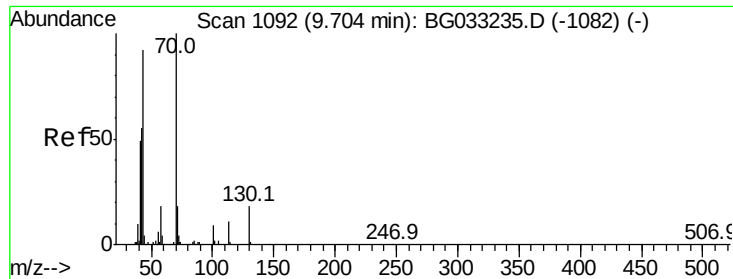
108 27.6 57.2 85.8#

77 100.5 46.1 69.1#



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

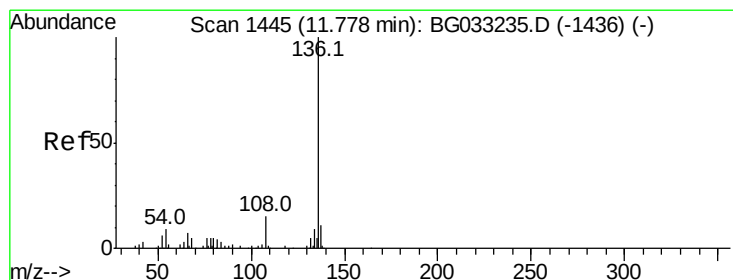
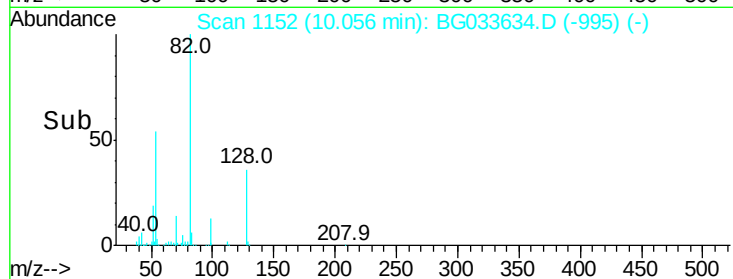
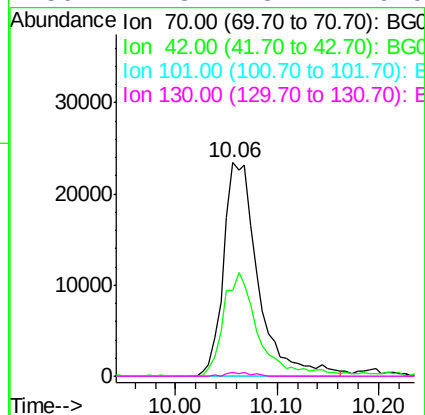
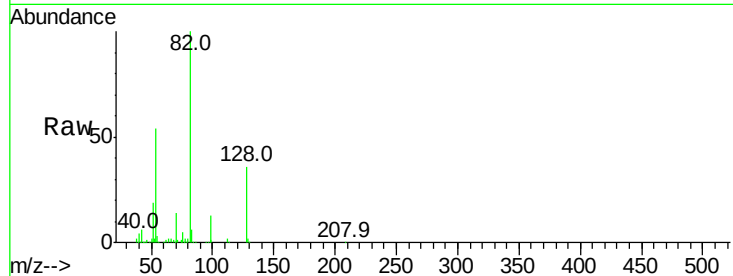




#19
 n-Nitroso-di-n-propylamine
 Concen: 21.788 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.39 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

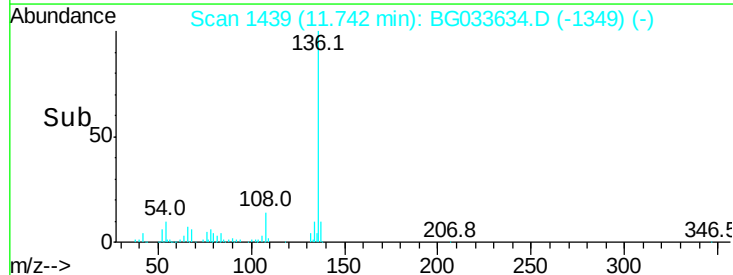
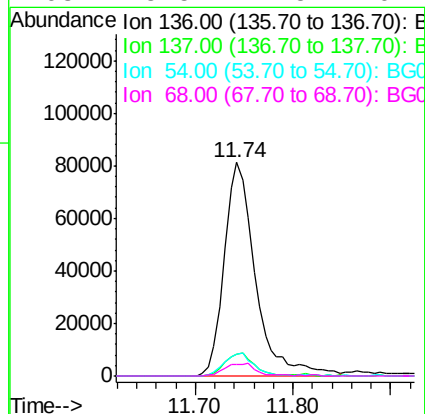
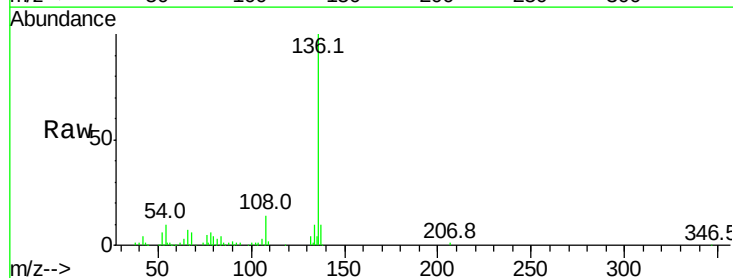
Instrument :
 BNA_G
 ClientSampleId :

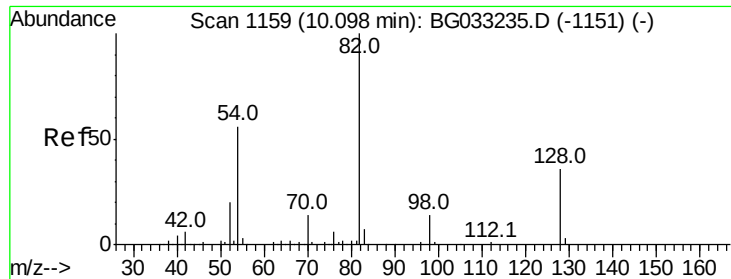
Tot Ion:	70	Resp:	55551
Ion	Ratio	Lower	Upper
70	100		
42	40.2	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

Tgt Ion:	136	Resp:	180491
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	10.3	10.3	15.5#
68	5.5	4.5	6.7

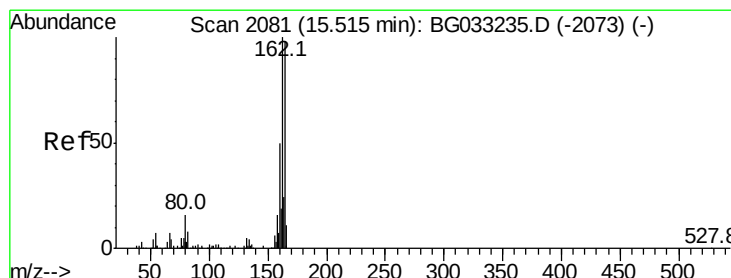
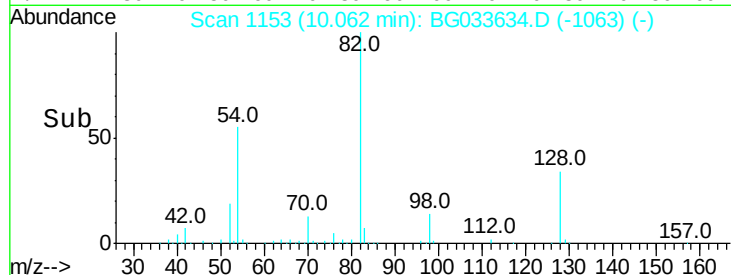
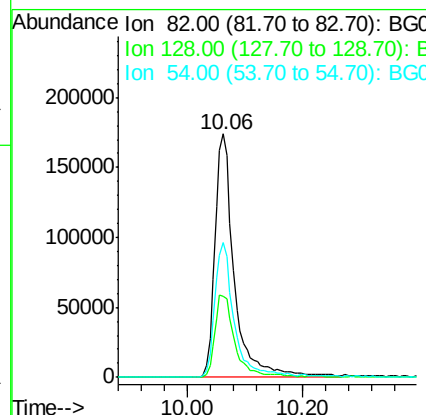
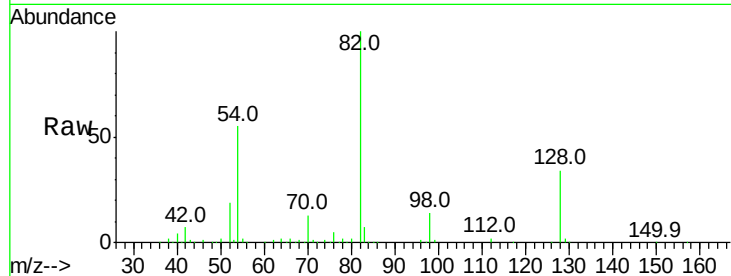




#23
 Nitrobenzene-d5
 Concen: 104.493 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

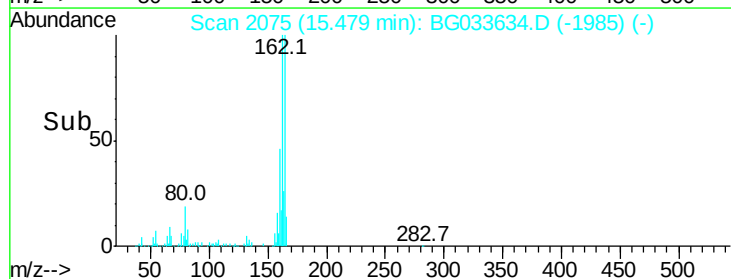
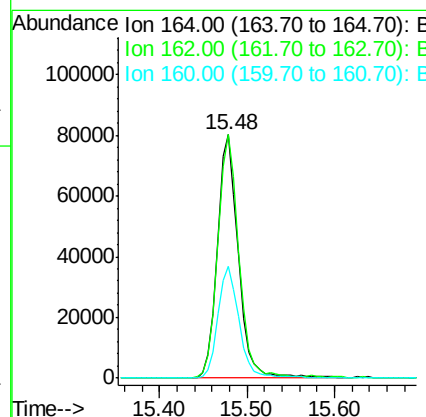
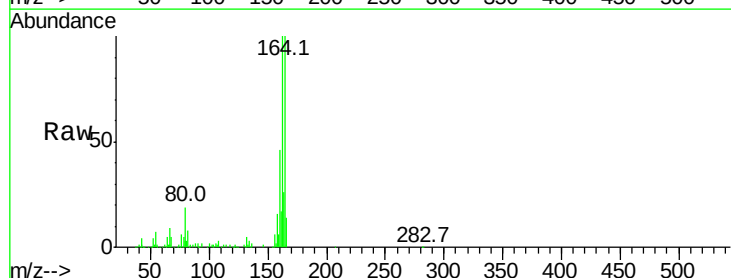
Instrument :
 BNA_G
 ClientSampleId :

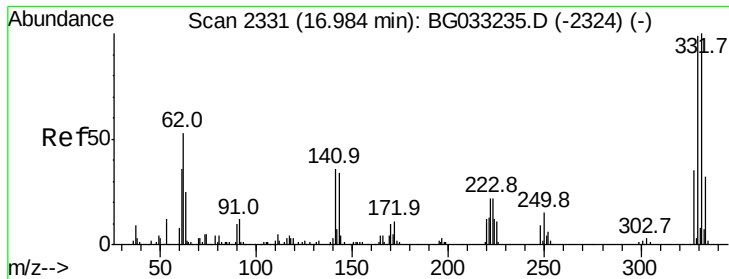
Tot Ion: 82 Resp: 410500
 Ion Ratio Lower Upper
 82 100
 128 33.5 29.7 44.5
 54 55.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

Tgt Ion:164 Resp: 133201
 Ion Ratio Lower Upper
 164 100
 162 100.0 78.8 118.2
 160 45.8 35.4 53.0

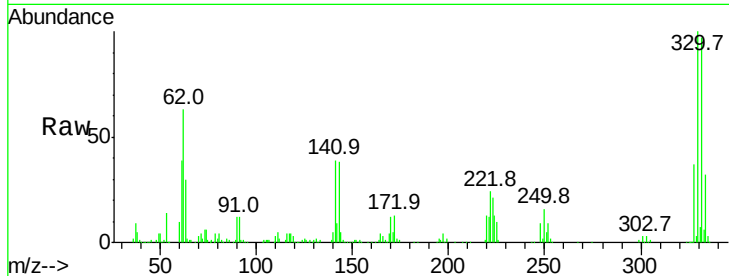




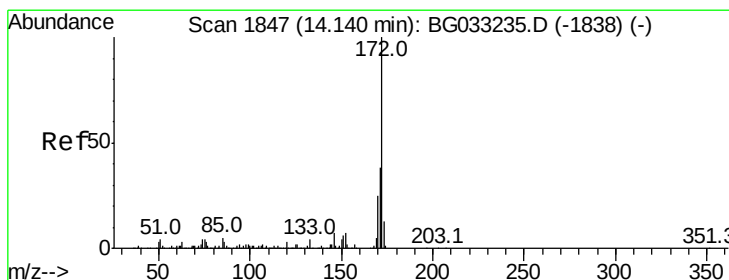
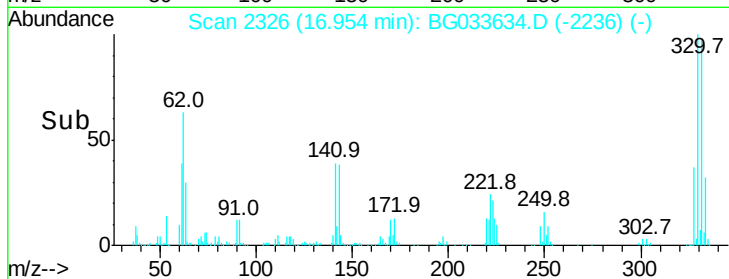
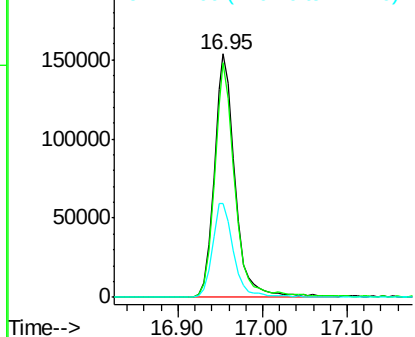
#41
 2,4,6-Tribromophenol
 Concen: 133.379 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 265714
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.0 115.6
 141 40.0 25.2 37.8#

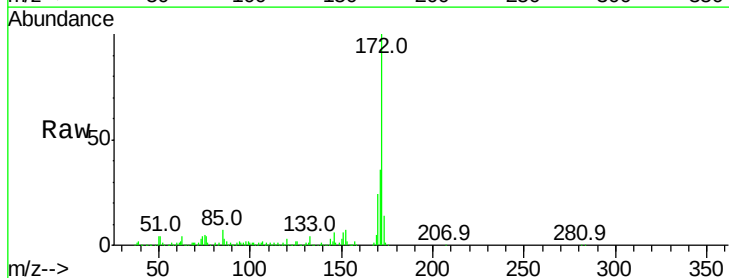


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

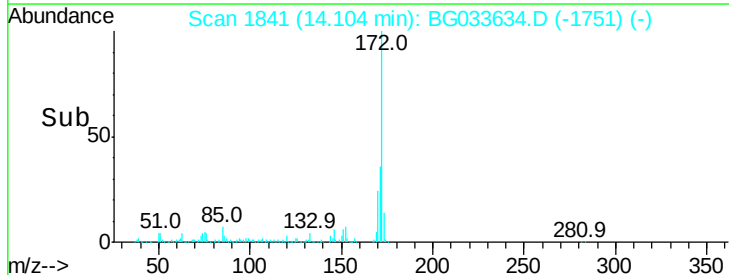
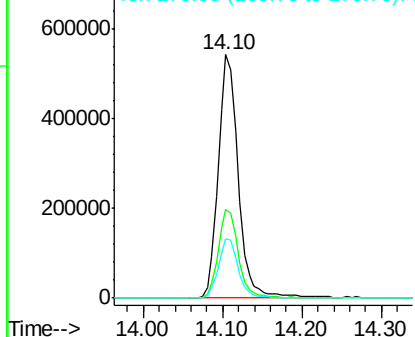


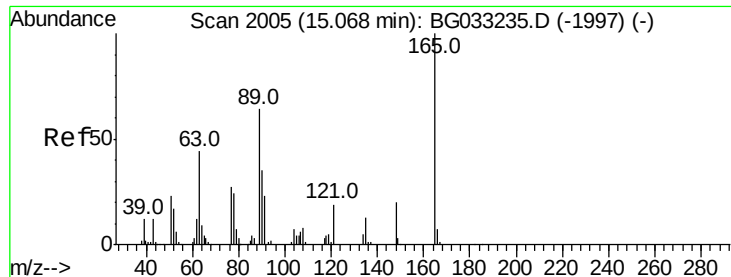
#44
 2-Fluorobiphenyl
 Concen: 102.926 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

Tgt Ion:172 Resp: 949678
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.0 45.0
 170 24.3 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

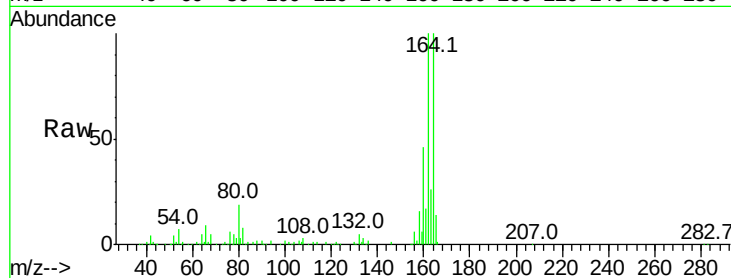




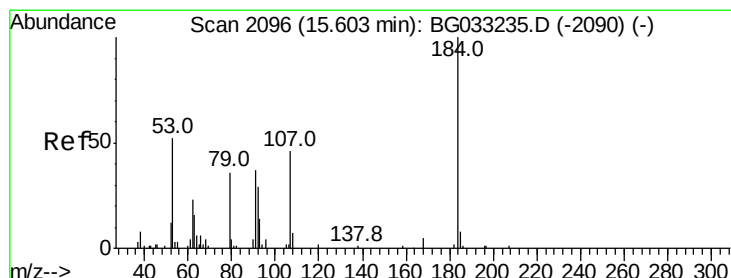
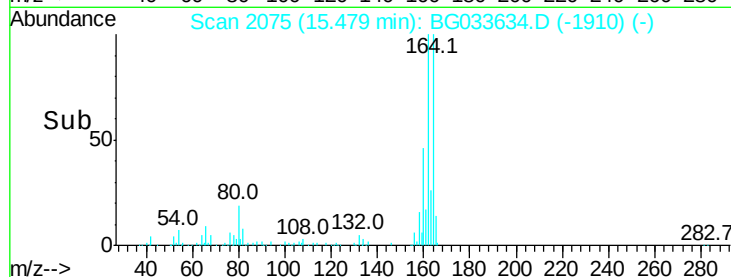
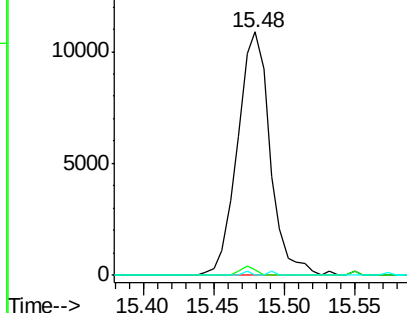
#50
 2,6-Dinitrotoluene
 Concen: 7.420 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.44 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17587
 Ion Ratio Lower Upper
 165 100
 63 2.1 52.7 79.1#
 89 0.0 49.2 73.8#

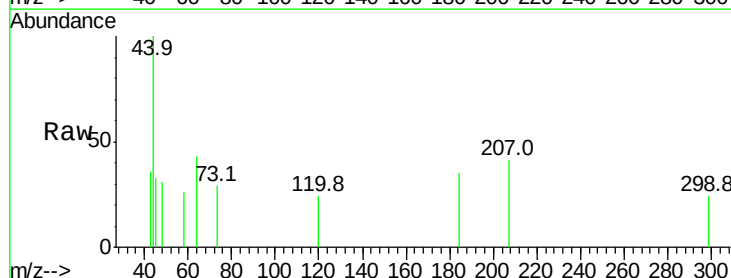


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

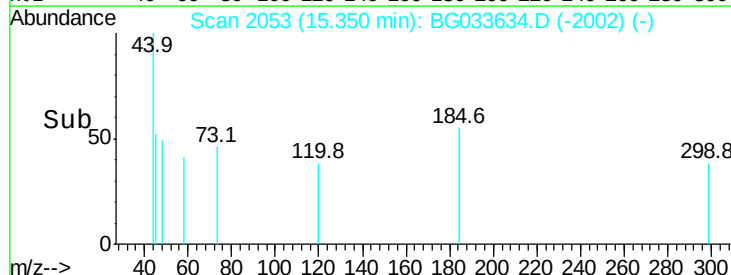
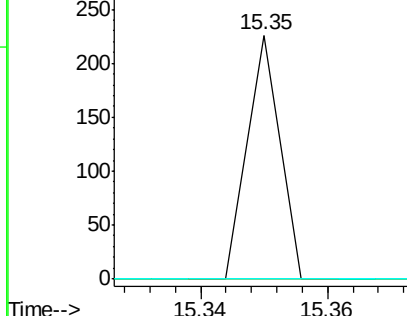


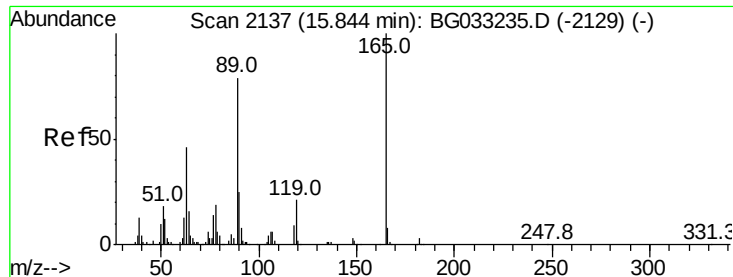
#53
 2,4-Dinitrophenol
 Concen: 7.702 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.23 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

Tgt Ion:184 Resp: 80
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

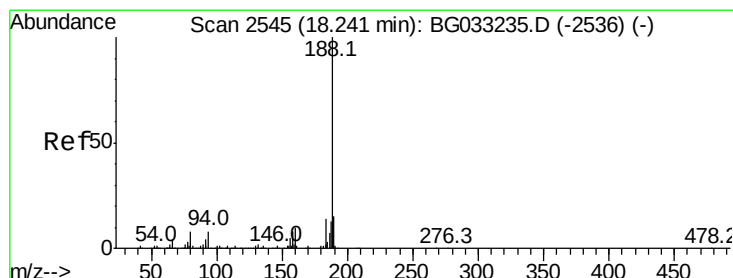
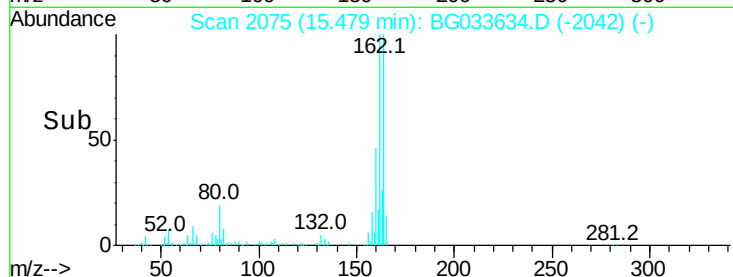
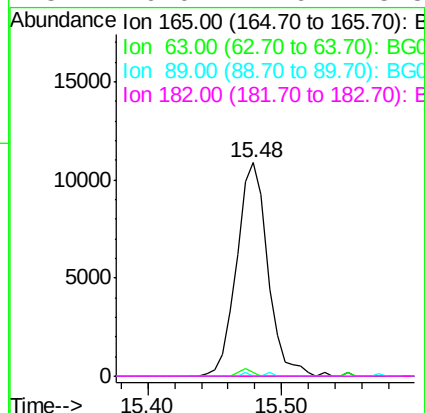
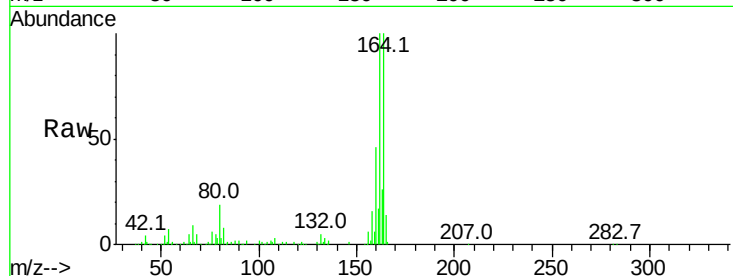




#56
 2,4-Dinitrotoluene
 Concen: 5.039 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

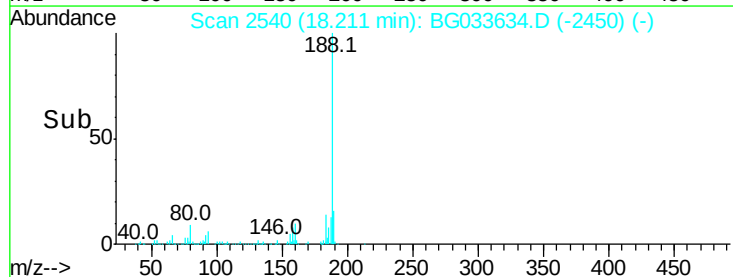
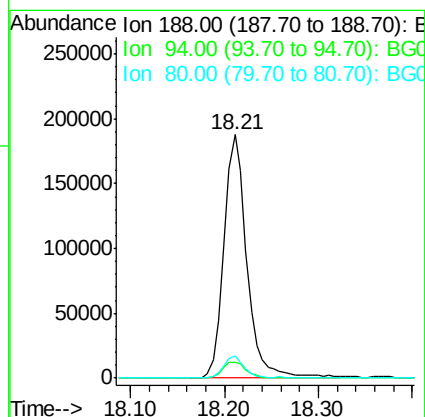
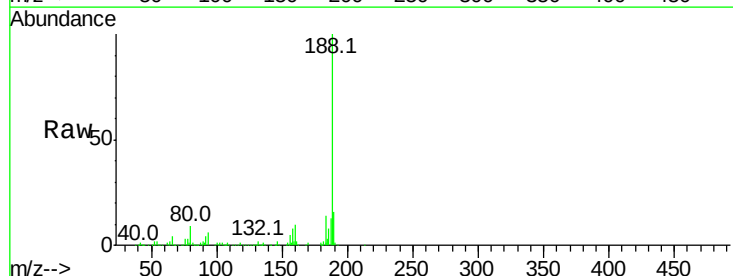
Instrument :
 BNA_G
 ClientSampleId :

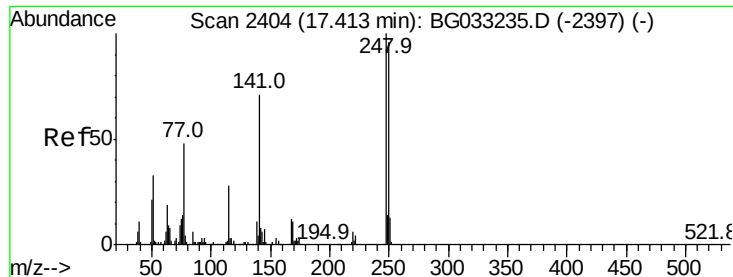
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	9.0	7.7	11.5

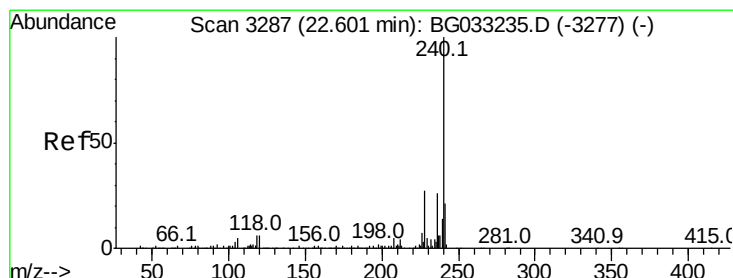
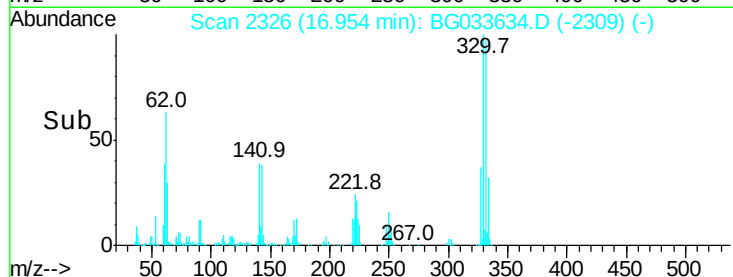
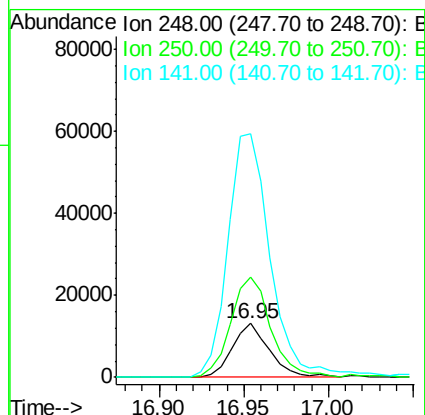
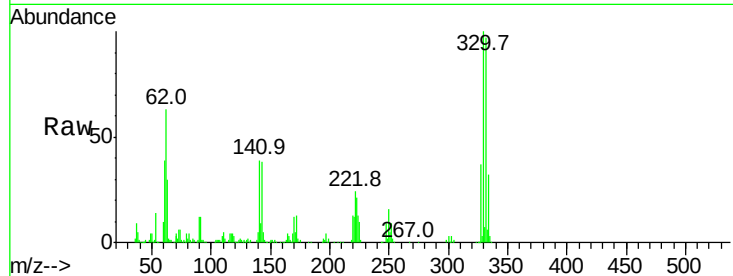




#66
 4-Bromophenyl-phenylether
 Concen: 5.346 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

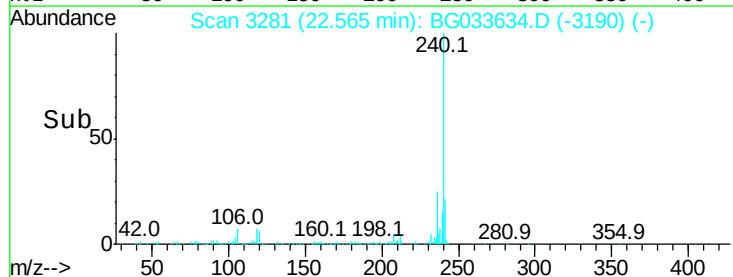
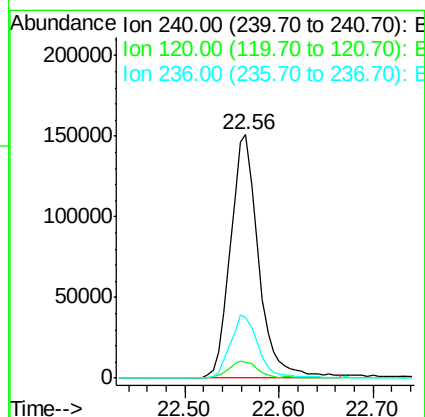
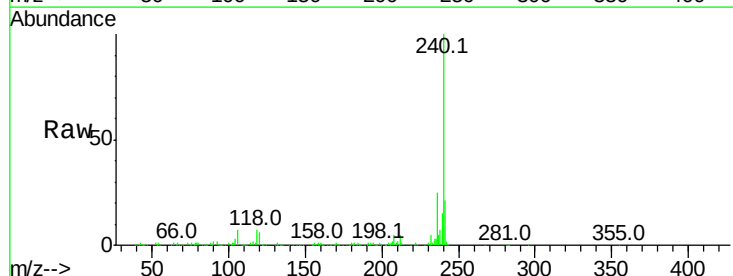
Instrument :
 BNA_G
 ClientSampleId :

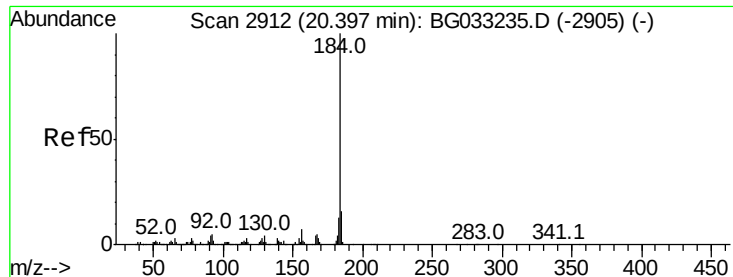
Tot Ion:248 Resp: 20115
 Ion Ratio Lower Upper
 248 100
 250 185.9 77.1 115.7#
 141 452.5 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3281
 Delta R.T. 0.01 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

Tgt Ion:240 Resp: 314557
 Ion Ratio Lower Upper
 240 100
 120 6.5 6.8 10.2#
 236 24.7 20.9 31.3





#76

Benzidine

Concen: 3.274 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033634.D

Acq: 6 Apr 2018 18:49

Instrument :

BNA_G

ClientSampled :

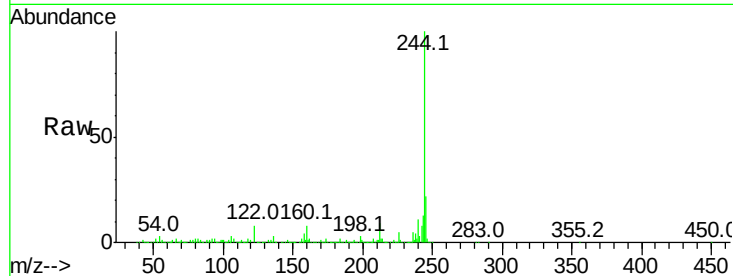
Tot Ion:184 Resp: 27930

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

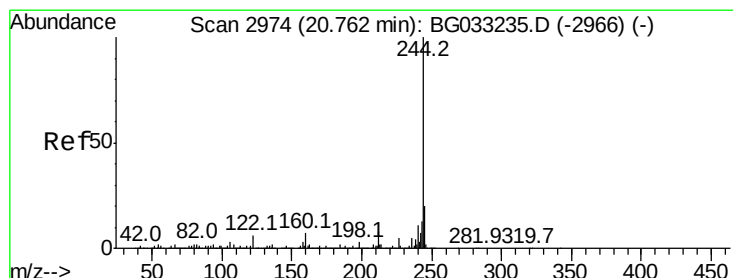
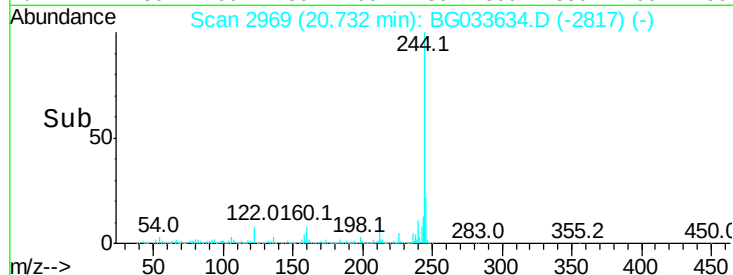
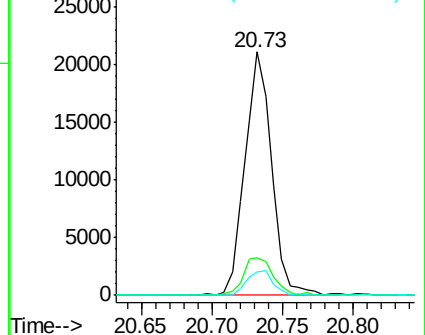
183 9.5 10.6 16.0#



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



#78

Terphenyl-d14

Concen: 107.353 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033634.D

Acq: 6 Apr 2018 18:49

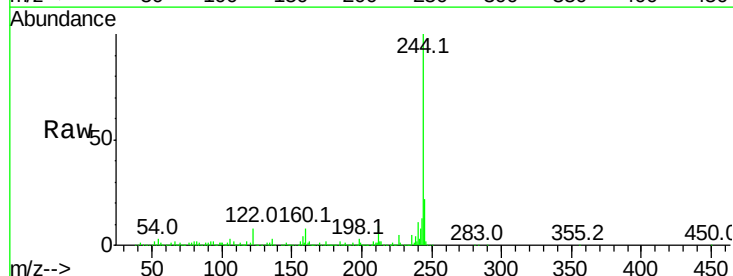
Tgt Ion:244 Resp: 1579002

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

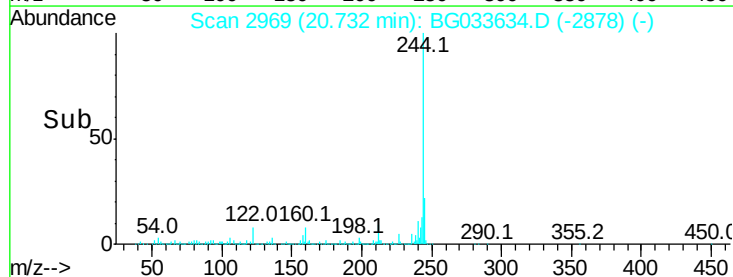
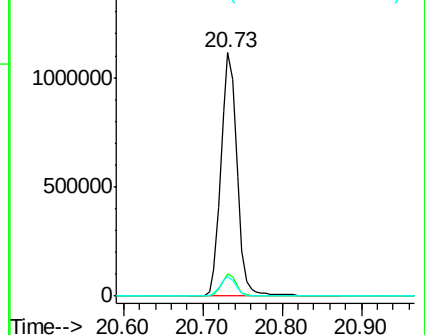
122 8.1 7.0 10.4

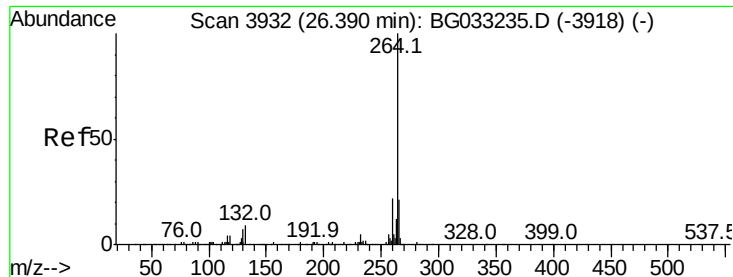


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

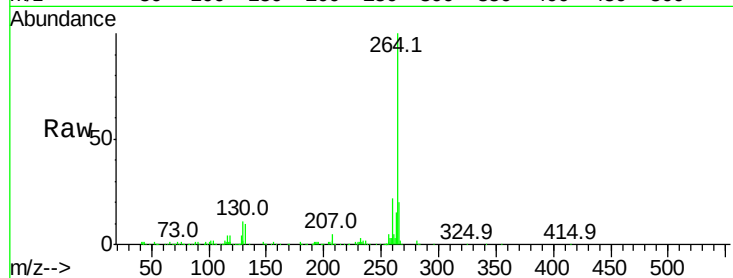




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.34 min Scan# 3923
 Delta R.T. 0.02 min
 Lab File: BG033634.D
 Acq: 6 Apr 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	19.8	17.7	26.5



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

