

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033652.D
 Acq On : 7 Apr 2018 6:09
 Operator : SJ/JU
 Sample : J2257-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 09 01:59:03 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

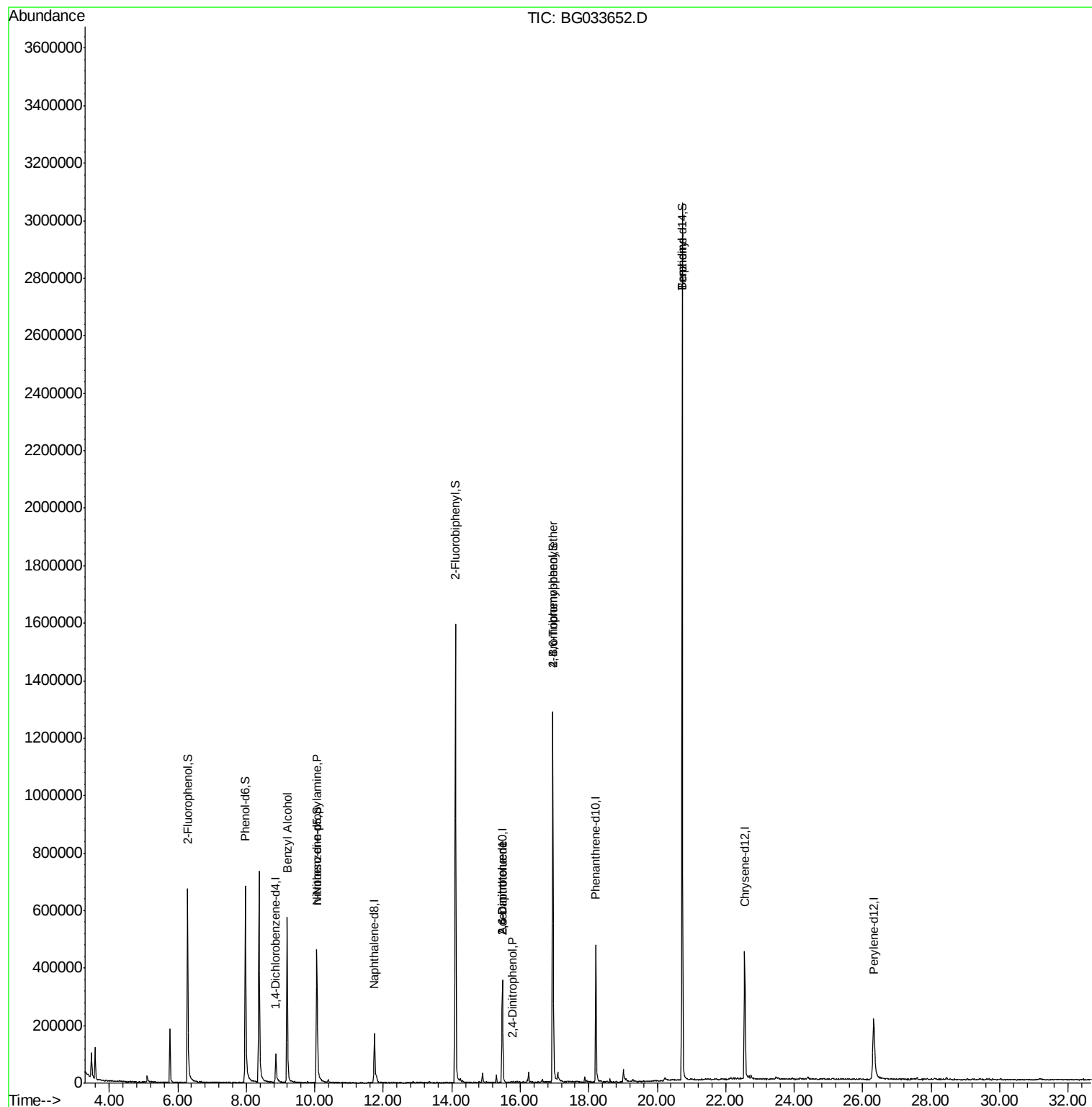
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37304	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	169334	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	137328	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	341159	20.00	ng	0.00
75) Chrysene-d12	22.55	240	341420	20.00	ng	0.00
86) Perylene-d12	26.32	264	342134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	319602	160.65	ng	0.00
7) Phenol-d6	7.97	99	458341	134.09	ng	0.00
23) Nitrobenzene-d5	10.06	82	375401	101.85	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	260668	126.91	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	878466	92.35	ng	0.00
78) Terphenyl-d14	20.73	244	1566785	98.14	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6340	2.356	ng	# 47
19) n-Nitroso-di-n-propylamine	10.06	70	51040	20.377	ng	# 74
50) 2,6-Dinitrotoluene	15.48	165	17738	7.259	ng	# 21
53) 2,4-Dinitrophenol	15.77	184	86	7.704	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	17737	4.930	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	20459	5.106	ng	# 1
76) Benizidine	20.73	184	27985	3.023	ng	# 90

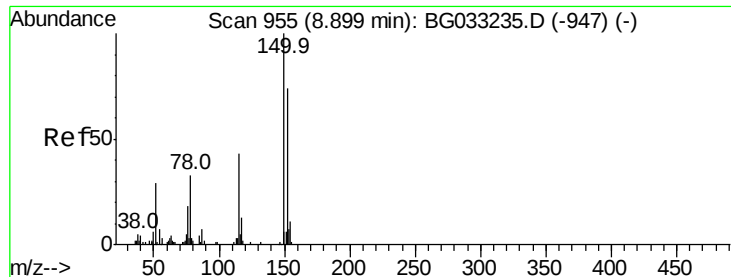
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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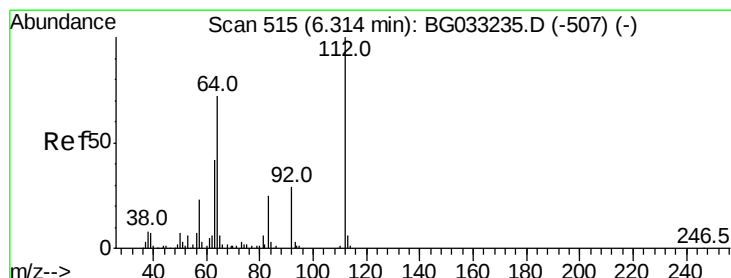
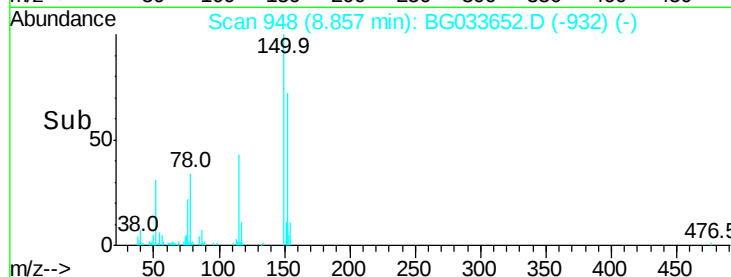
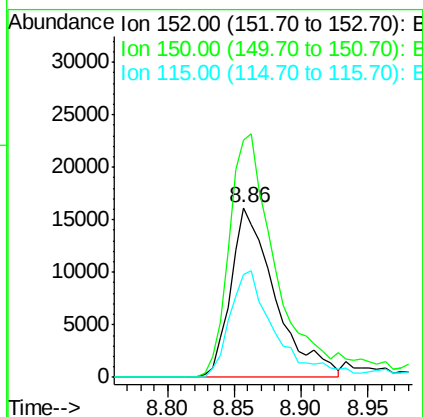
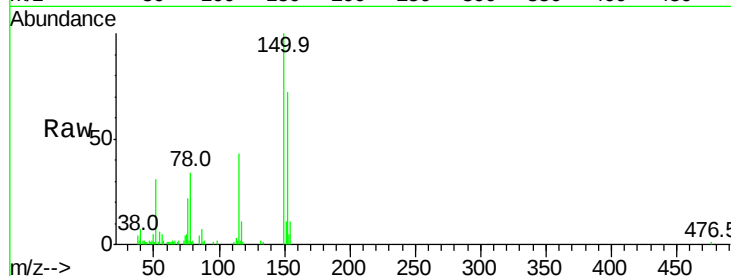


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033652.D
Acq: 7 Apr 2018 6:09

Instrument :
BNA_G
ClientSampleId :

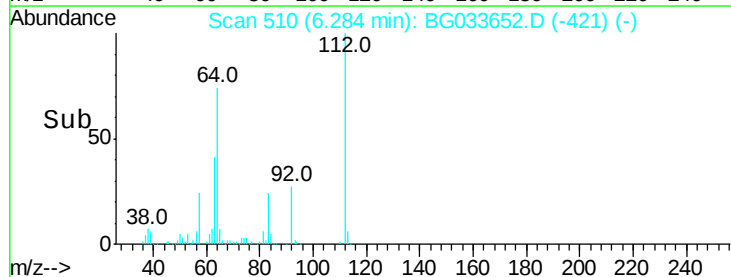
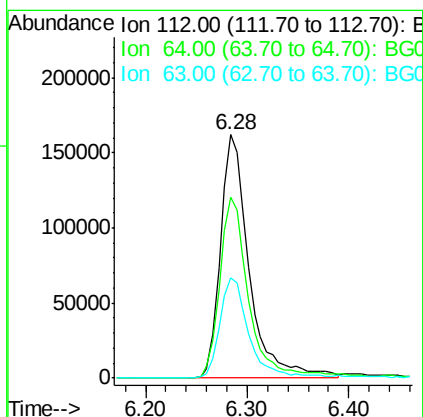
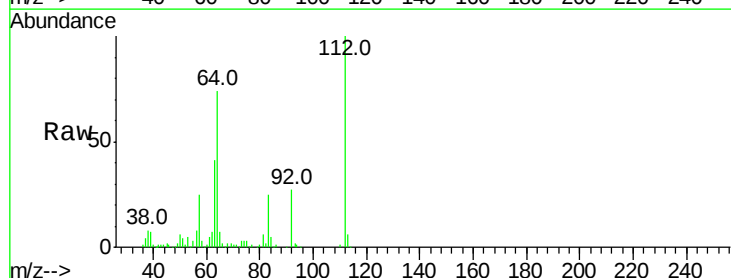
Tot Ion:152 Resp: 37304
Ion Ratio Lower Upper
152 100
150 139.7 126.6 189.8
115 60.2 53.0 79.4

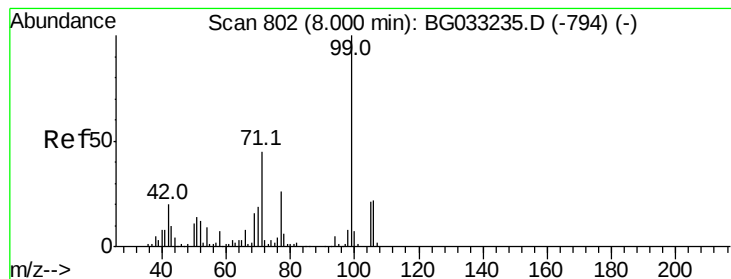


#5

2-Fluorophenol
Concen: 160.651 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033652.D
Acq: 7 Apr 2018 6:09

Tgt Ion:112 Resp: 319602
Ion Ratio Lower Upper
112 100
64 74.5 56.3 84.5
63 41.2 30.1 45.1





#7

Phenol-d6

Concen: 134.087 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033652.D

Acq: 7 Apr 2018 6:09

Instrument :

BNA_G

ClientSampleId :

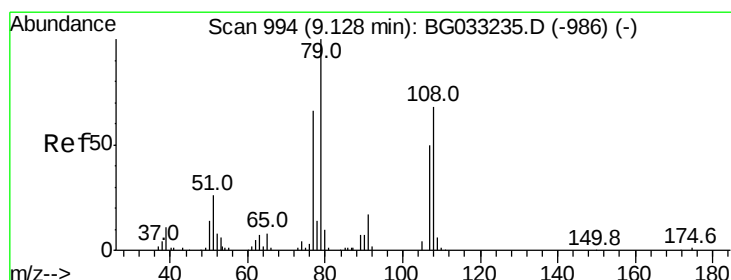
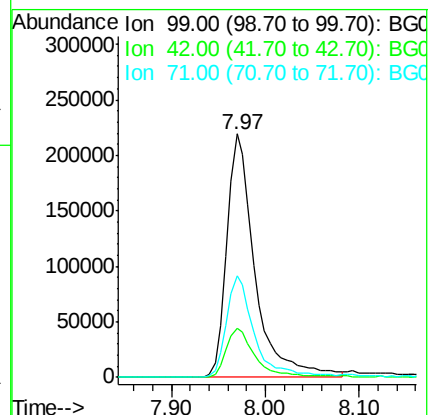
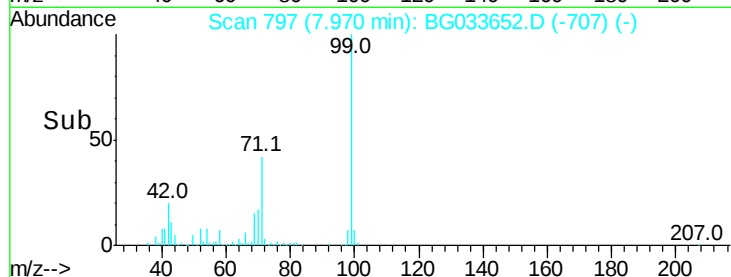
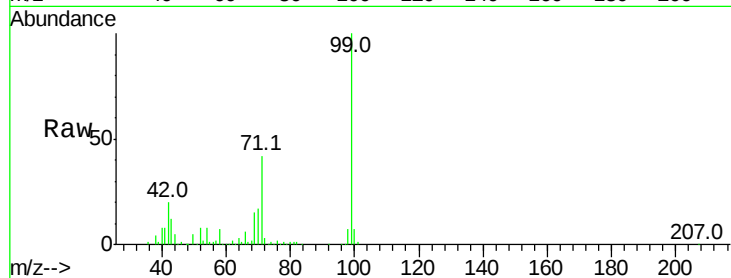
Tot Ion: 99 Resp: 458341

Ion Ratio Lower Upper

99 100

42 20.3 14.1 21.1

71 42.0 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.356 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033652.D

Acq: 7 Apr 2018 6:09

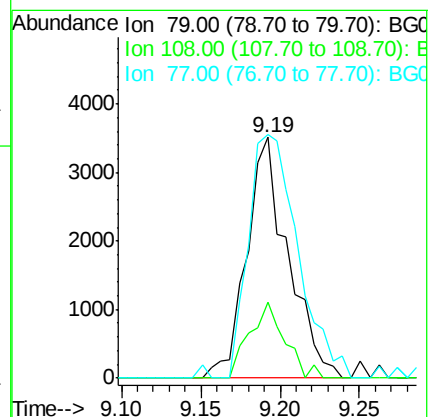
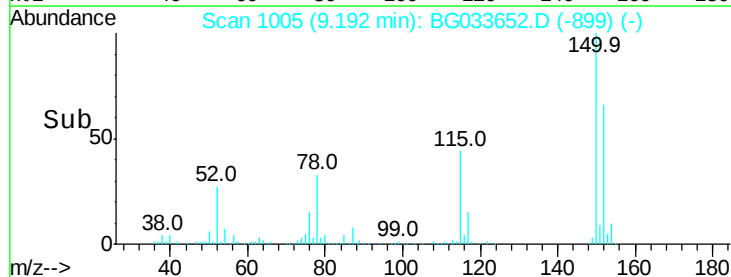
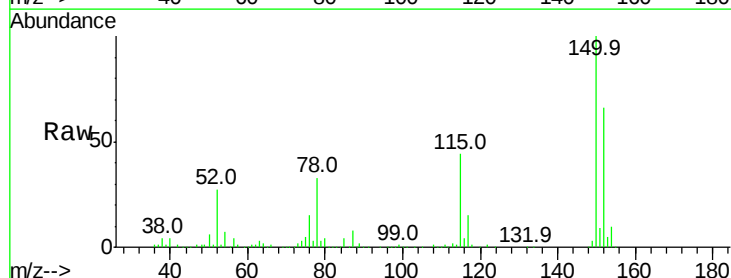
Tgt Ion: 79 Resp: 6340

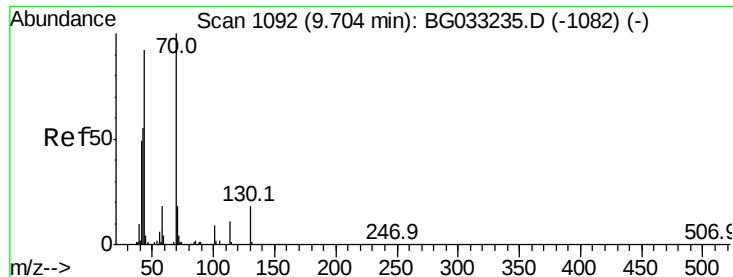
Ion Ratio Lower Upper

79 100

108 31.5 57.2 85.8#

77 101.1 46.1 69.1#

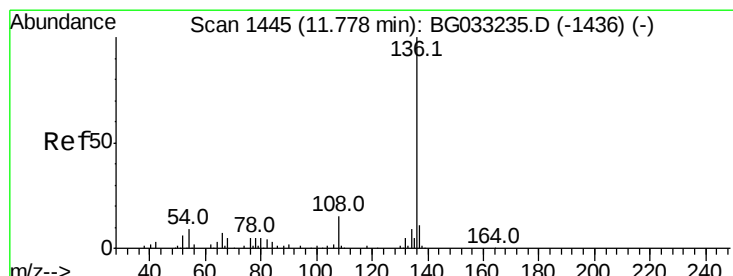
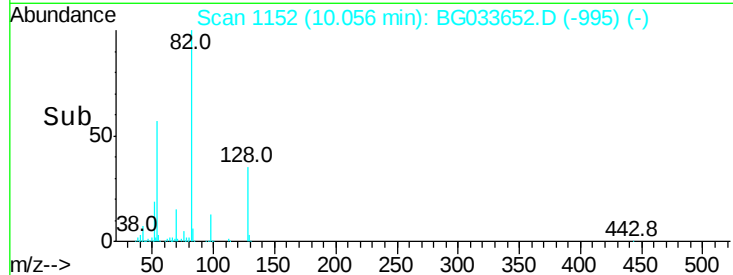
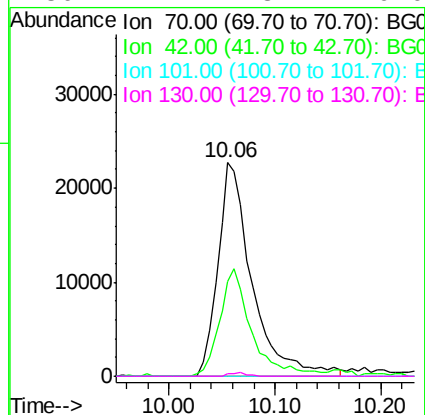
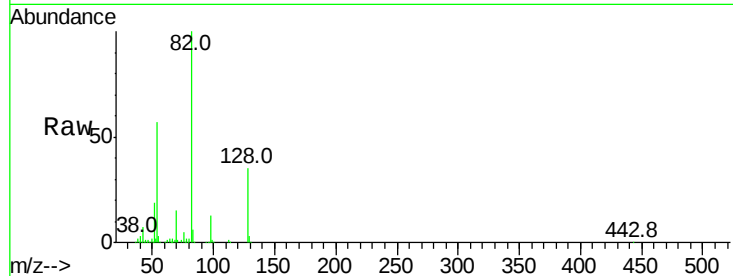




#19
 n-Nitroso-di-n-propylamine
 Concen: 20.377 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.39 min
 Lab File: BG033652.D
 Acq: 7 Apr 2018 6:09

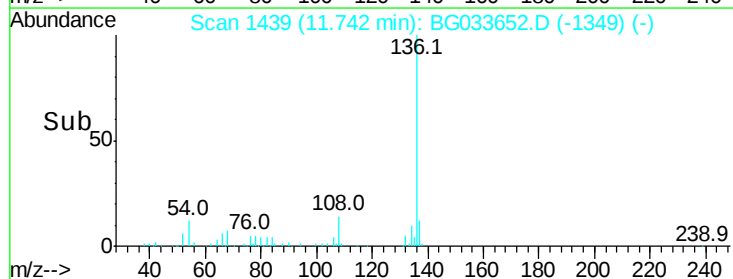
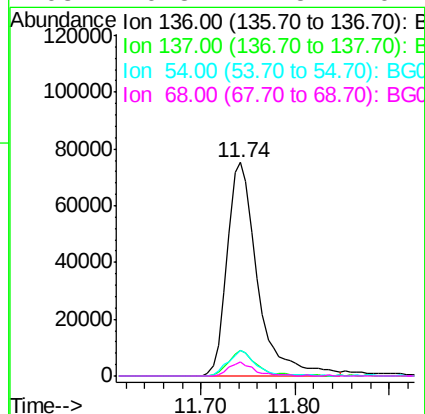
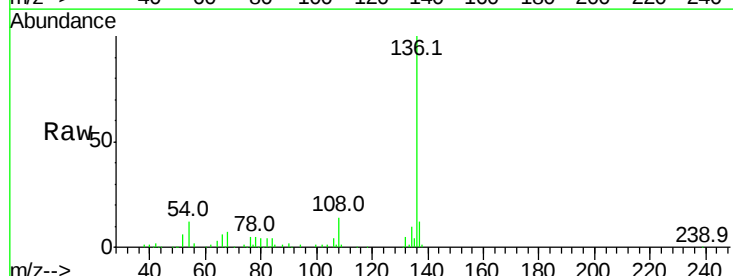
Instrument :
 BNA_G
 ClientSampleId :

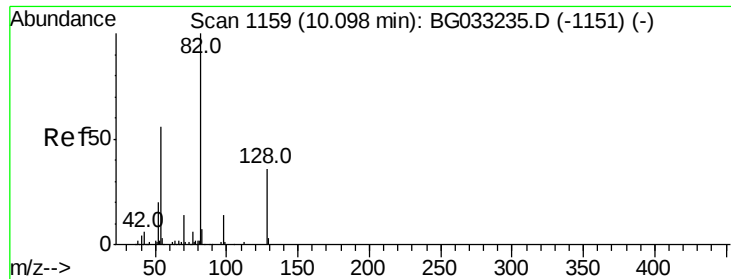
Tot Ion: 70 Resp: 51040
 Ion Ratio Lower Upper
 70 100
 42 44.3 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.2 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BG033652.D
 Acq: 7 Apr 2018 6:09

Tgt Ion: 136 Resp: 169334
 Ion Ratio Lower Upper
 136 100
 137 11.8 9.2 13.8
 54 12.2 10.3 15.5
 68 6.8 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 101.855 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033652.D

Acq: 7 Apr 2018 6:09

Instrument :

BNA_G

ClientSampleId :

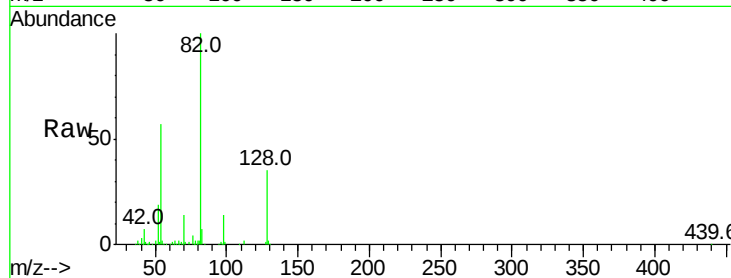
Tot Ion: 82 Resp: 375401

Ion Ratio Lower Upper

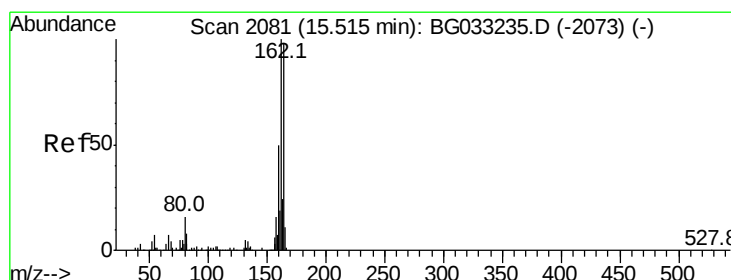
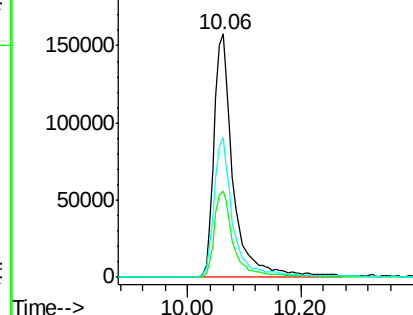
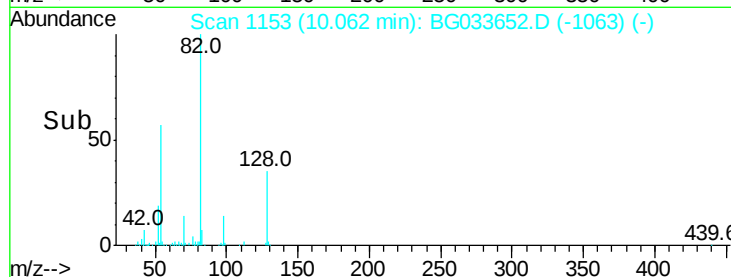
82 100

128 35.1 29.7 44.5

54 57.4 43.1 64.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG033652.D

Acq: 7 Apr 2018 6:09

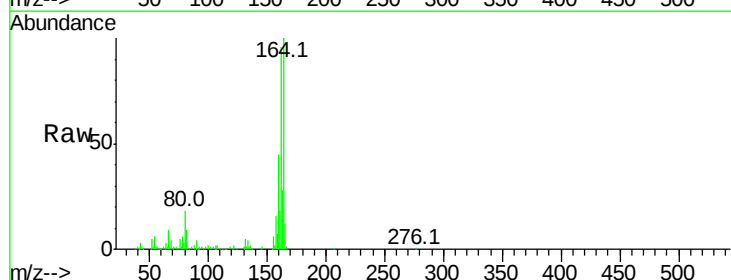
Tgt Ion: 164 Resp: 137328

Ion Ratio Lower Upper

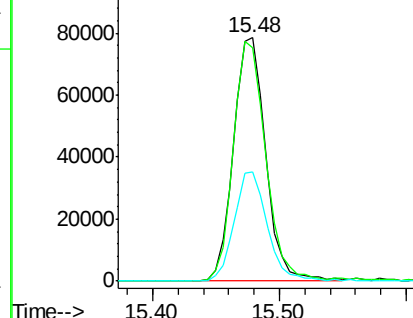
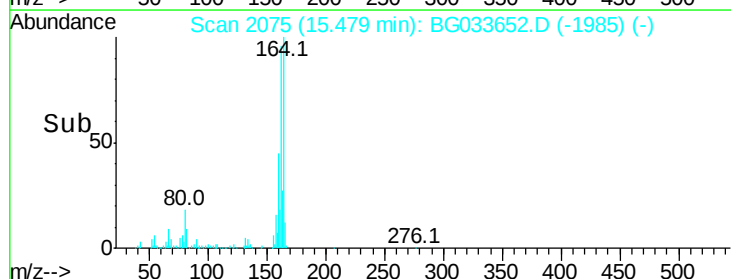
164 100

162 95.7 78.8 118.2

160 44.6 35.4 53.0



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

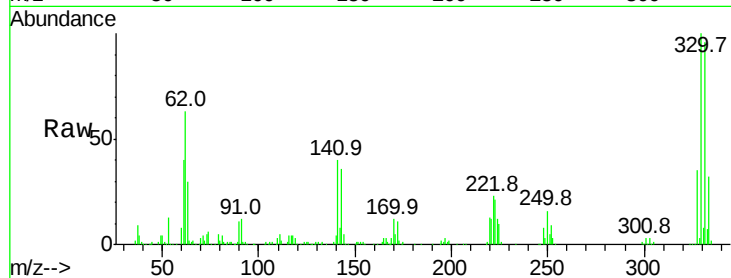




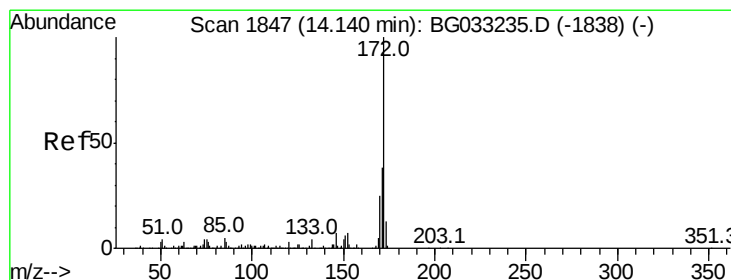
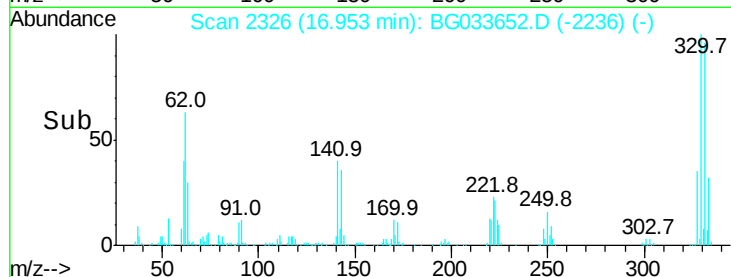
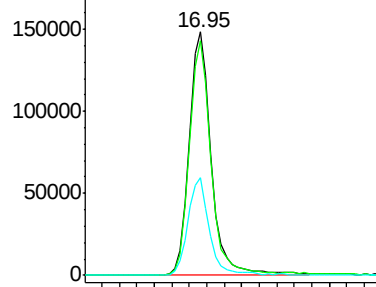
#41
 2,4,6-Tribromophenol
 Concen: 126.914 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033652.D
 Acq: 7 Apr 2018 6:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 260668
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 39.4 25.2 37.8#

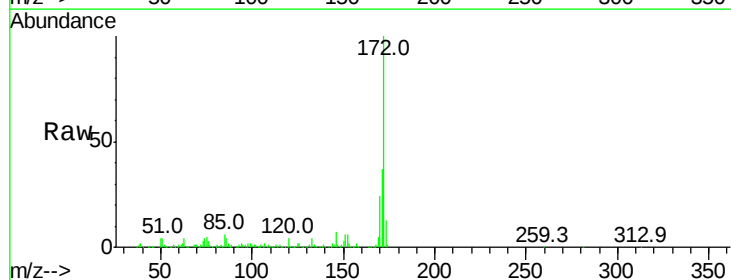


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

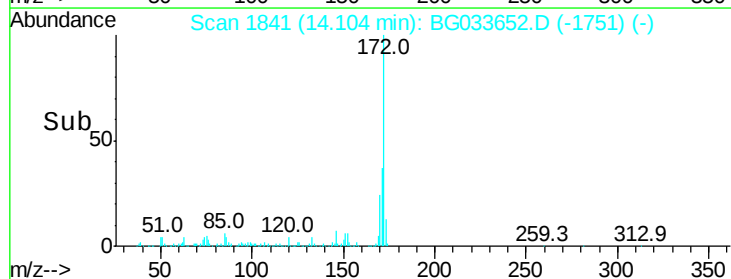
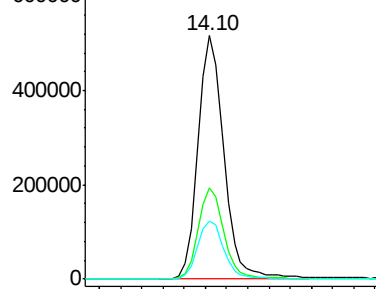


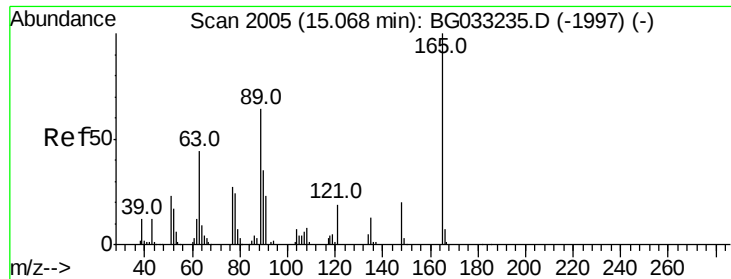
#44
 2-Fluorobiphenyl
 Concen: 92.347 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033652.D
 Acq: 7 Apr 2018 6:09

Tgt Ion:172 Resp: 878466
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 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

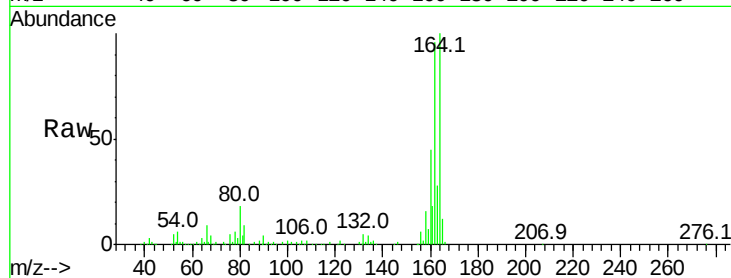




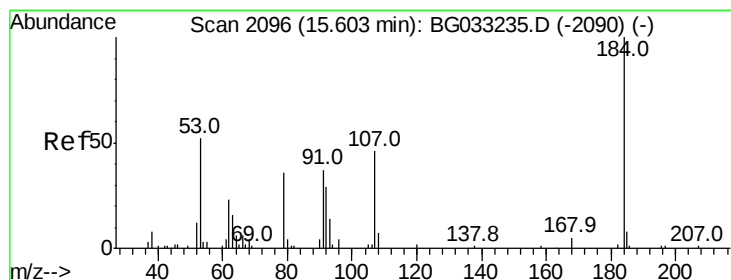
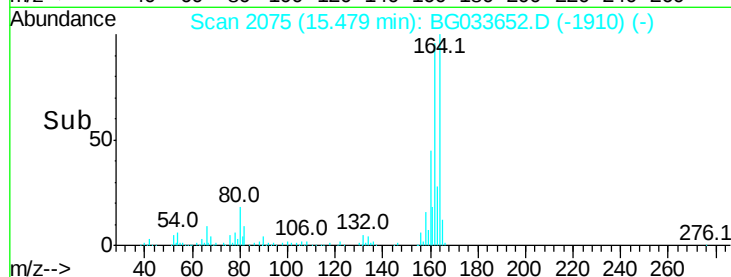
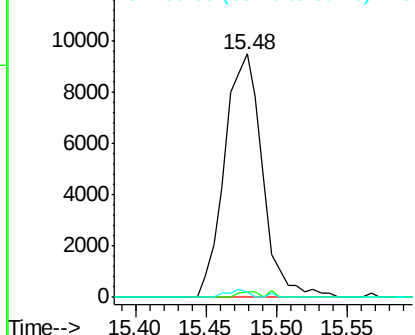
#50
2,6-Dinitrotoluene
Concen: 7.259 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.44 min
Lab File: BG033652.D
Acq: 7 Apr 2018 6:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 17738
Ion Ratio Lower Upper
165 100
63 2.3 52.7 79.1#
89 2.3 49.2 73.8#

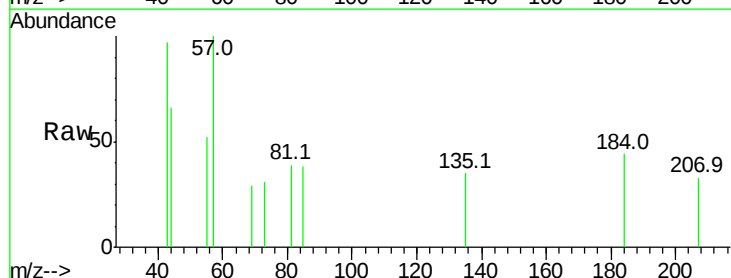


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

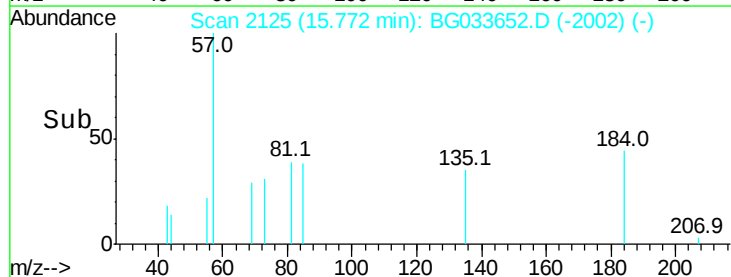
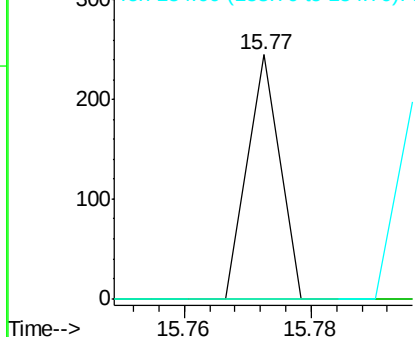


#53
2,4-Dinitrophenol
Concen: 7.704 ng
RT: 15.77 min Scan# 2125
Delta R.T. 0.19 min
Lab File: BG033652.D
Acq: 7 Apr 2018 6:09

Tgt Ion:184 Resp: 86
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: 4.930 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.34 min

Lab File: BG033652.D

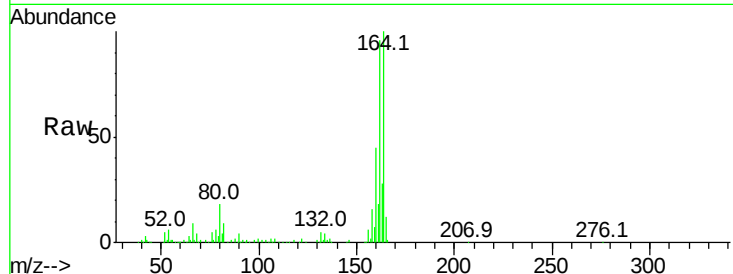
Acq: 7 Apr 2018 6:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	17737
Ion Ratio	Lower	Upper
165	100	
63	2.3	42.0 63.0#
89	2.3	66.9 100.3#
182	0.0	2.6 3.8#

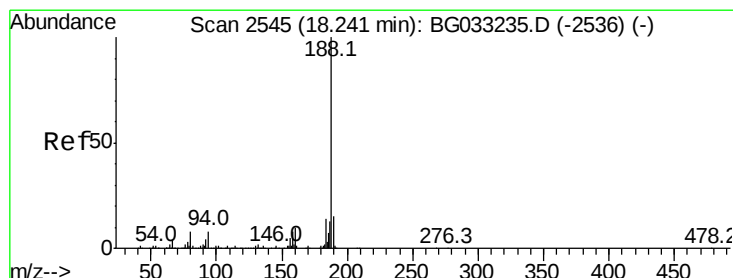
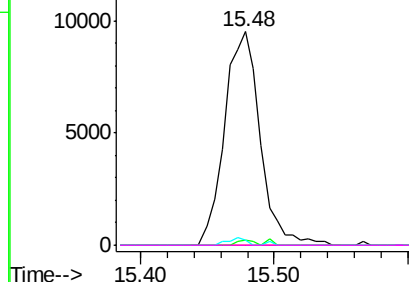
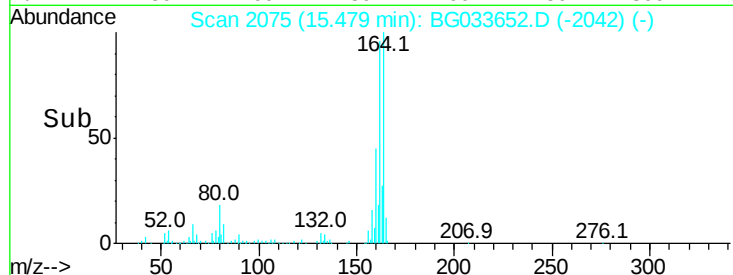


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

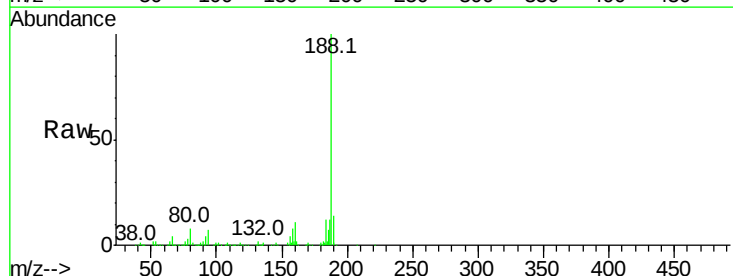
RT: 18.20 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033652.D

Acq: 7 Apr 2018 6:09

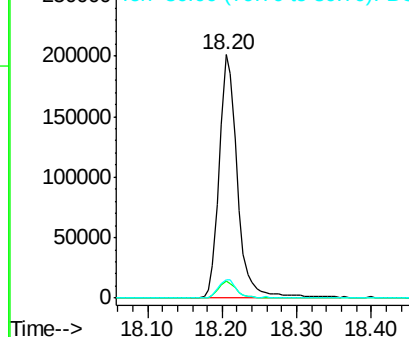
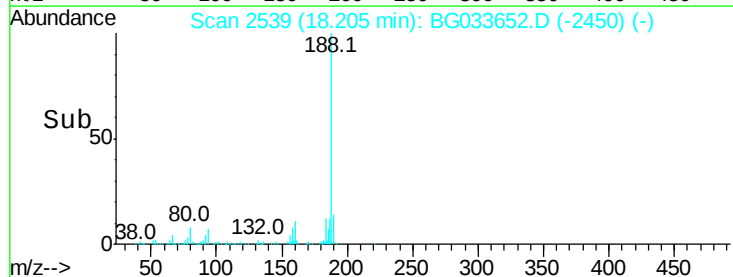
Tgt Ion:188	Resp:	341159
Ion Ratio	Lower	Upper
188	100	
94	7.1	6.9 10.3
80	7.8	7.7 11.5



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

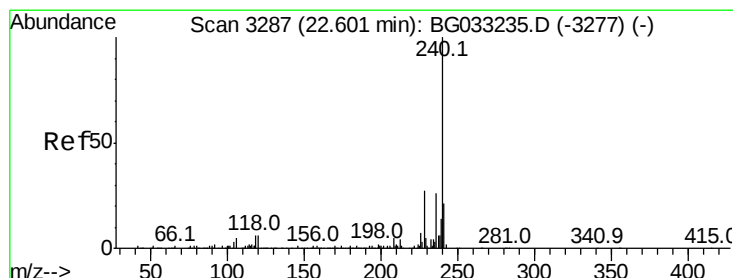
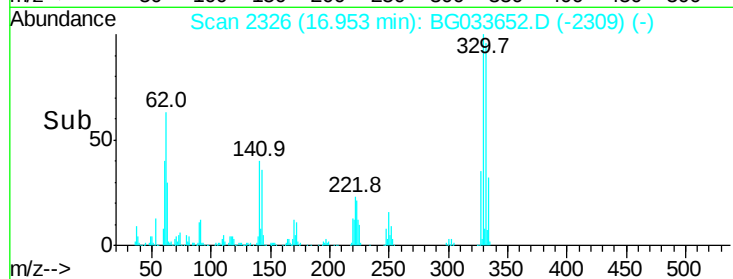
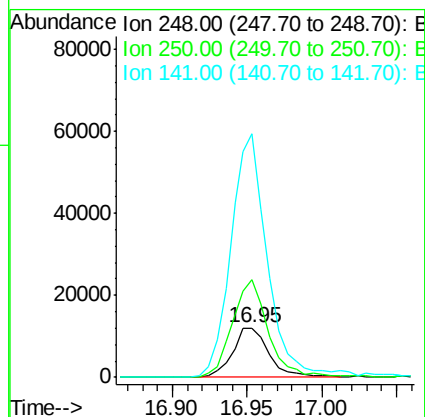
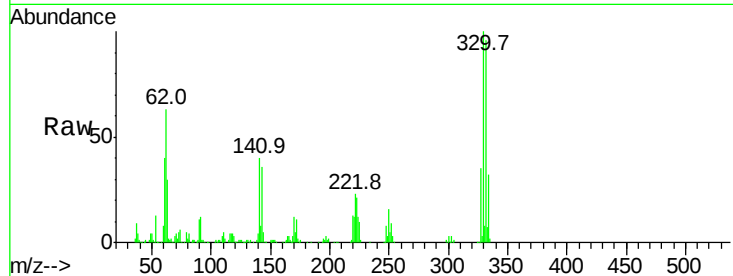




#66
4-Bromophenyl-phenylether
Concen: 5.106 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033652.D
Acq: 7 Apr 2018 6:09

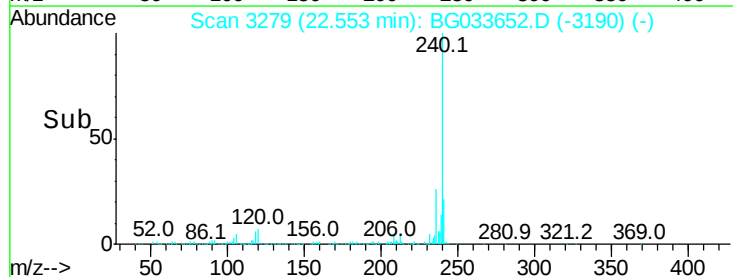
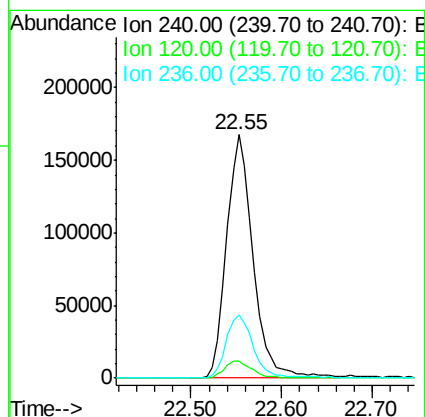
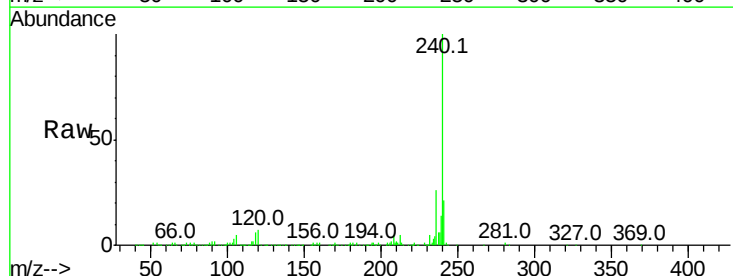
Instrument :
BNA_G
ClientSampleId :

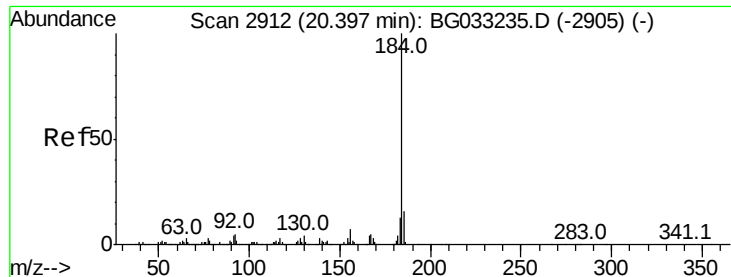
Tot Ion:248 Resp: 20459
Ion Ratio Lower Upper
248 100
250 195.4 77.1 115.7#
141 489.9 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033652.D
Acq: 7 Apr 2018 6:09

Tgt Ion:240 Resp: 341420
Ion Ratio Lower Upper
240 100
120 7.1 6.8 10.2
236 26.2 20.9 31.3





#76

Benzidine

Concen: 3.023 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033652.D

Acq: 7 Apr 2018 6:09

Instrument :

BNA_G

ClientSampleId :

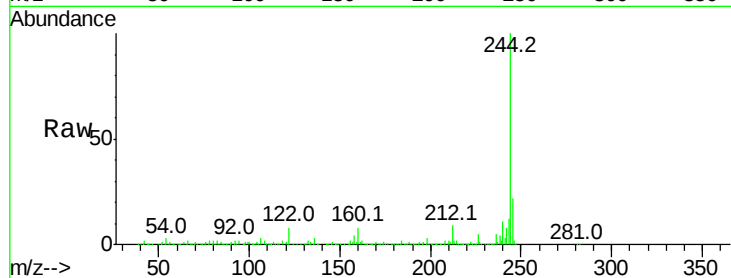
Tot Ion:184 Resp: 27985

Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

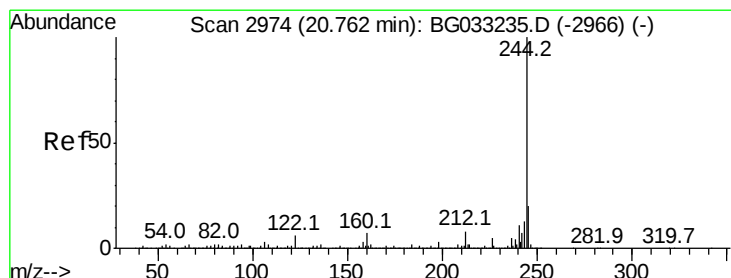
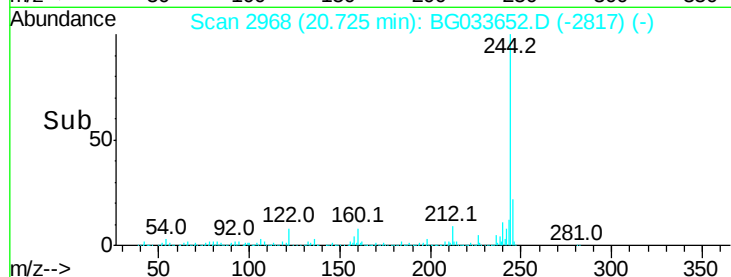
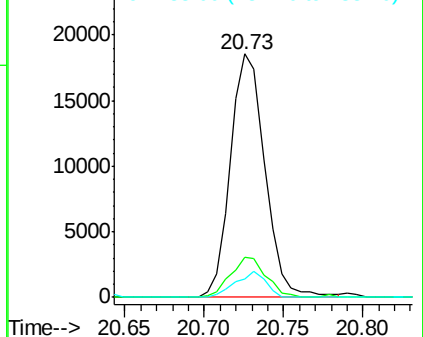
183 7.4 10.6 16.0#



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: 98.141 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033652.D

Acq: 7 Apr 2018 6:09

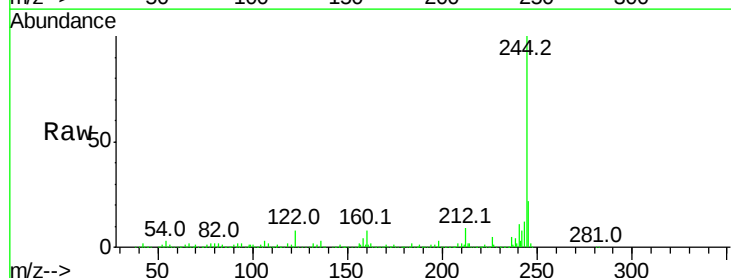
Tgt Ion:244 Resp: 1566785

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

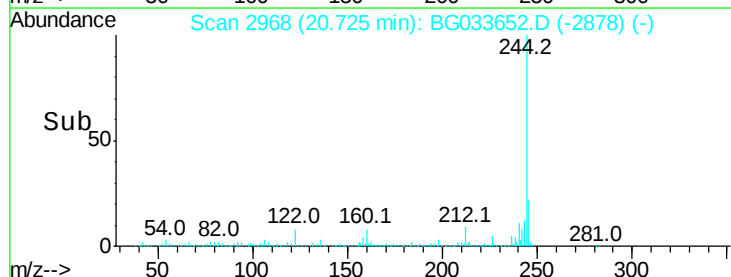
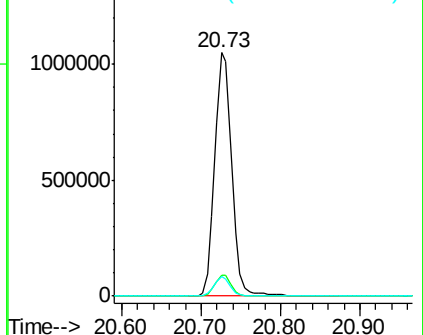
122 7.9 7.0 10.4

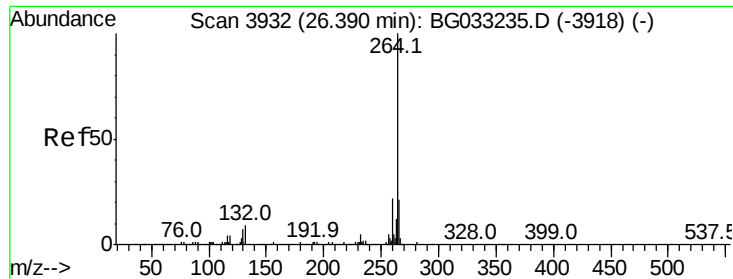


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

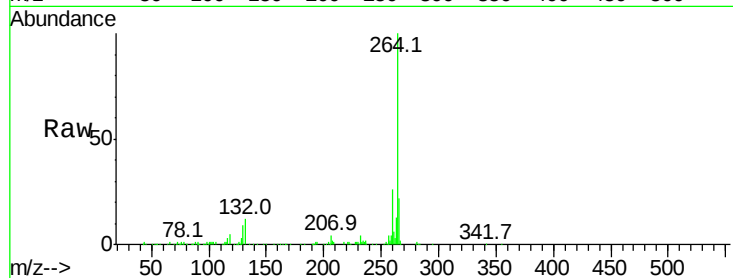




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.00 min
Lab File: BG033652.D
Acq: 7 Apr 2018 6:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.1	17.4	26.0#
265	22.2	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

