

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
 Data File : BG033349.D
 Acq On : 27 Mar 2018 3:25
 Operator : SJ/JU
 Sample : J1748-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 27 07:52:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

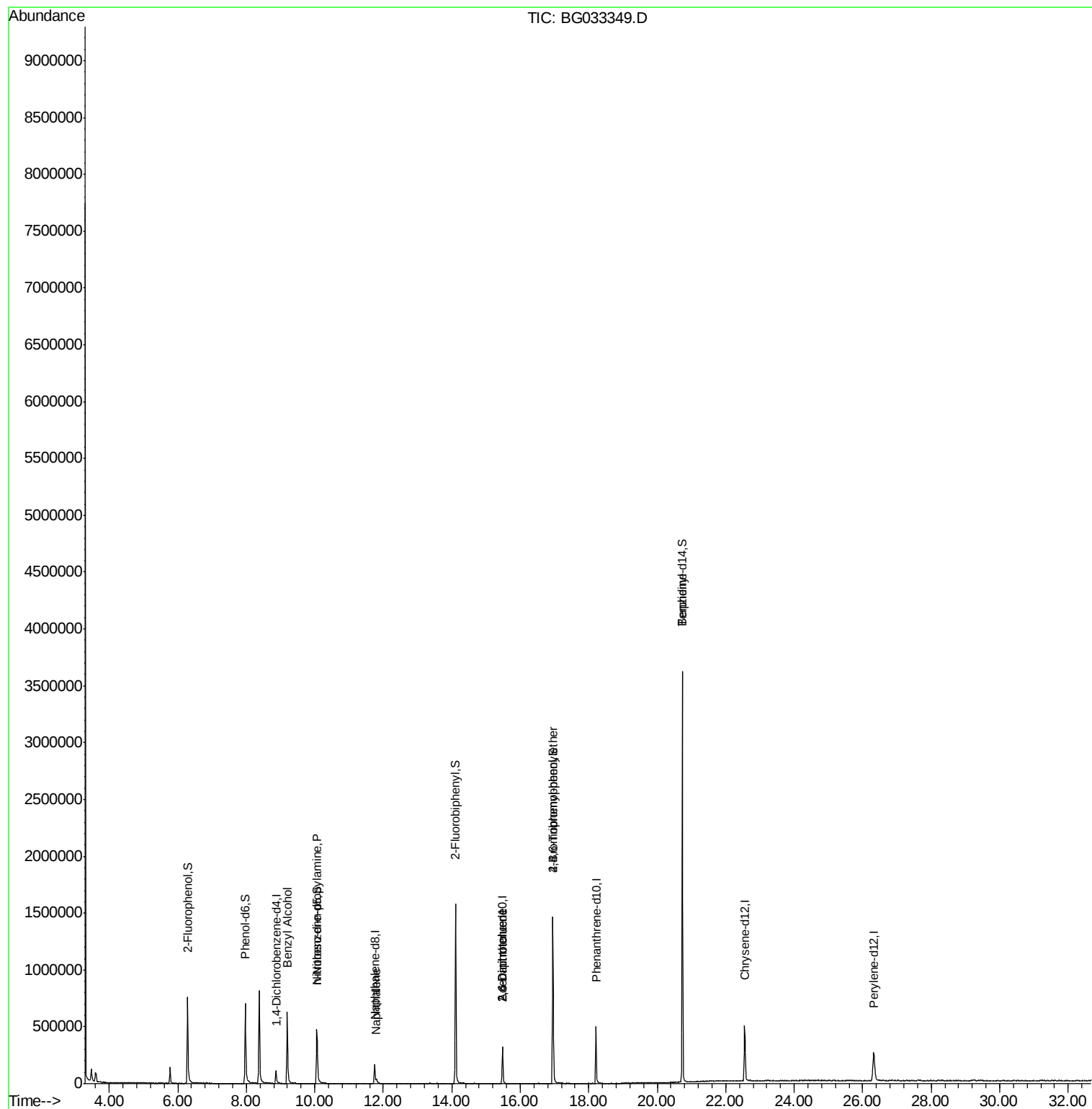
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	43614	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	164008	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	128503	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	356215	20.00	ng	-0.03
75) Chrysene-d12	22.55	240	368430	20.00	ng	-0.04
86) Perylene-d12	26.33	264	376911	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	381180	163.88	ng	-0.03
7) Phenol-d6	7.97	99	505268	126.43	ng	-0.03
23) Nitrobenzene-d5	10.06	82	376158	105.37	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	312779	162.74	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	912136	102.47	ng	-0.03
78) Terphenyl-d14	20.73	244	1779518	103.29	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	9.20	79	7209	2.291	ng	# 53
19) n-Nitroso-di-n-propylamine	10.06	70	51606	17.622	ng	# 72
31) Naphthalene	11.80	128	26788	3.152	ng	# 91
50) 2,6-Dinitrotoluene	15.49	165	15426	6.746	ng	# 20
56) 2,4-Dinitrotoluene	15.49	165	15426	4.582	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	23175	5.540	ng	# 1
76) Benizidine	20.73	184	30020	3.005	ng	# 87

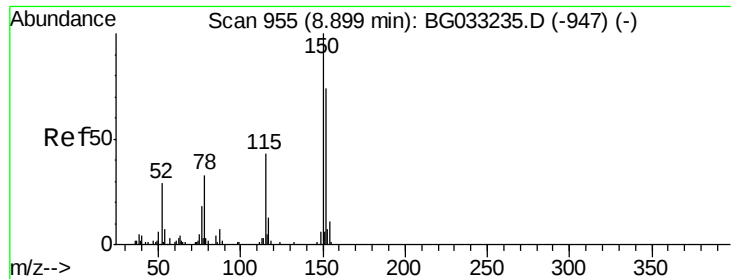
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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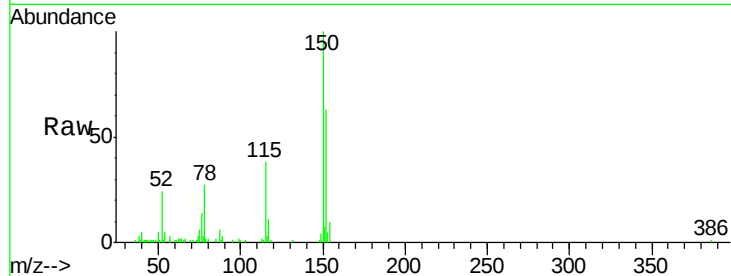


#1

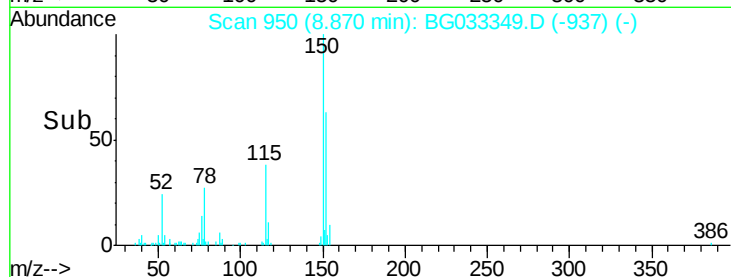
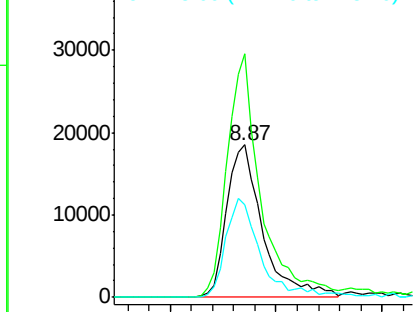
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033349.D
Acq: 27 Mar 2018 3:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.6	189.8
115	61.1	53.0	79.4



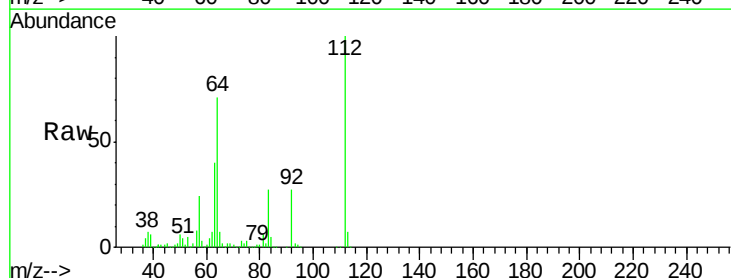
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



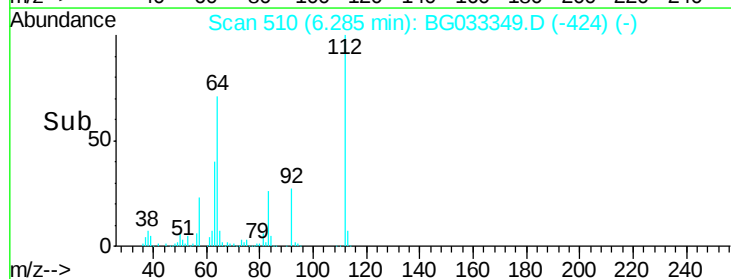
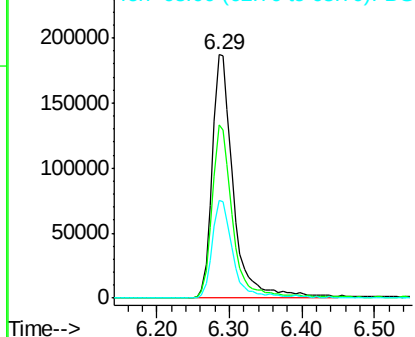
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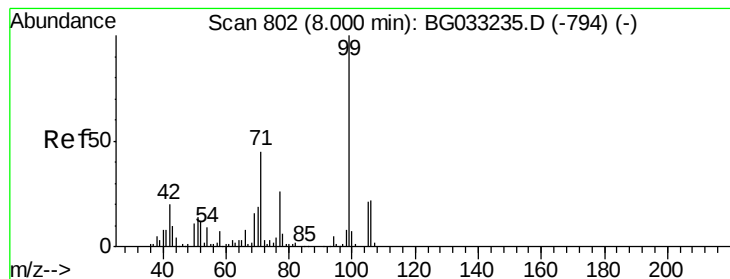
2-Fluorophenol
Concen: 163.883 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.03 min
Lab File: BG033349.D
Acq: 27 Mar 2018 3:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	56.3	84.5
63	40.3	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: 126.430 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033349.D

Acq: 27 Mar 2018 3:25

Instrument :

BNA_G

ClientSampleId :

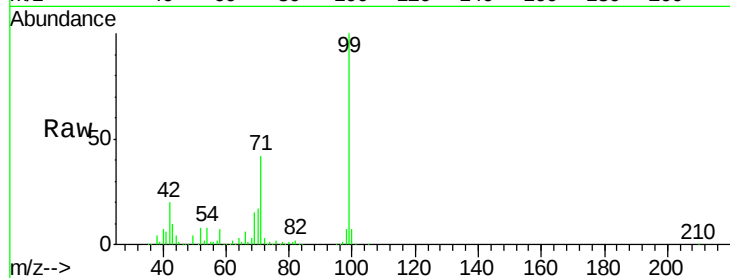
Tot Ion: 99 Resp: 505268

Ion Ratio Lower Upper

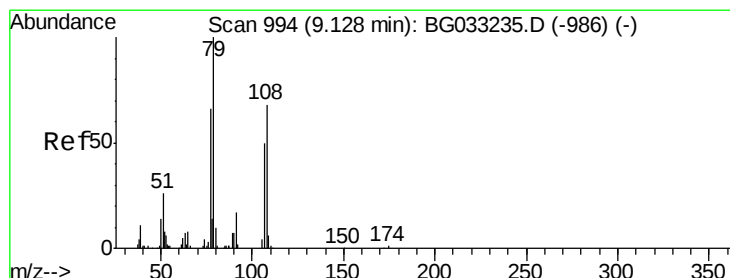
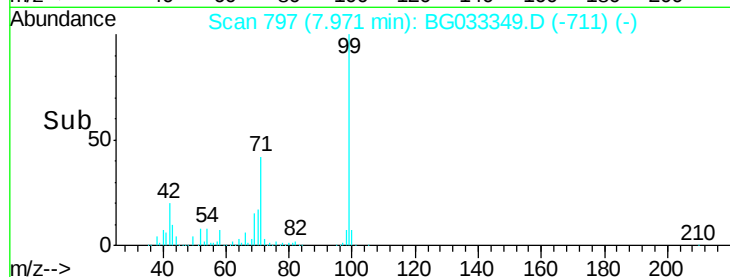
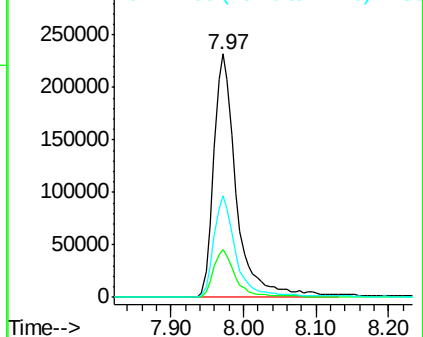
99 100

42 19.7 14.1 21.1

71 41.8 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: 2.291 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.07 min

Lab File: BG033349.D

Acq: 27 Mar 2018 3:25

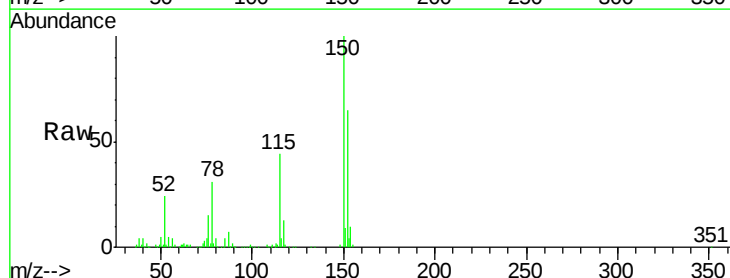
Tgt Ion: 79 Resp: 7209

Ion Ratio Lower Upper

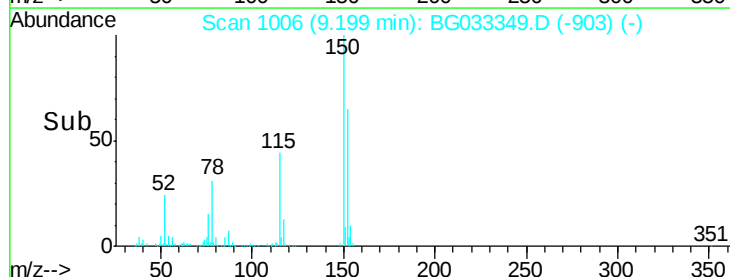
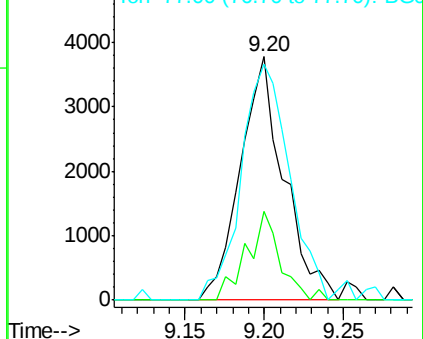
79 100

108 36.5 57.2 85.8#

77 97.1 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

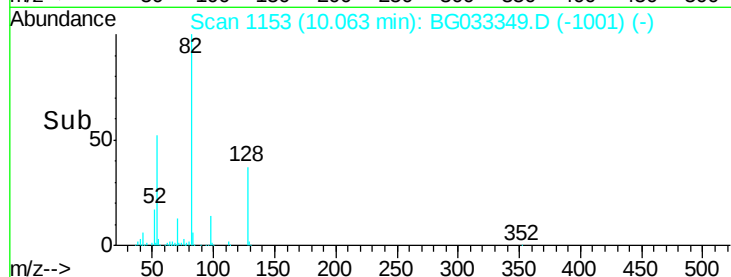
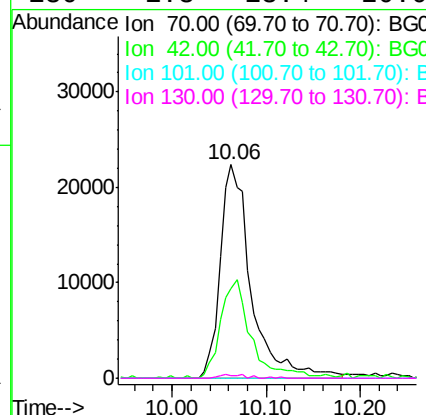
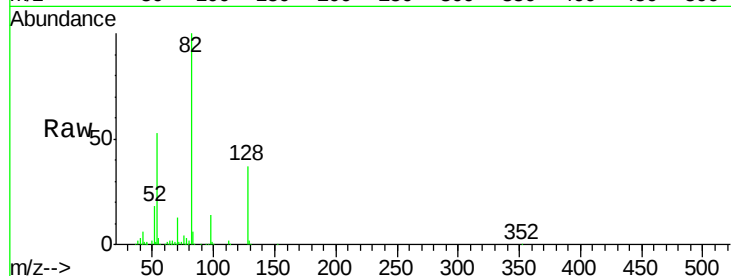




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.622 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.36 min
 Lab File: BG033349.D
 Acq: 27 Mar 2018 3:25

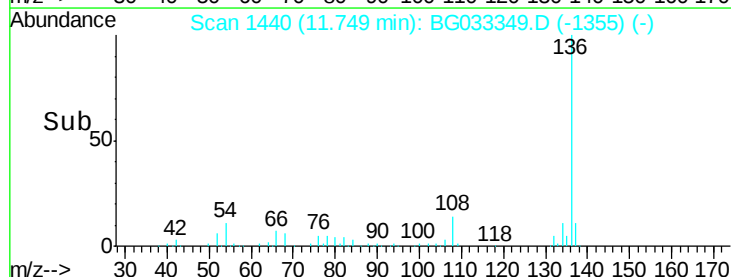
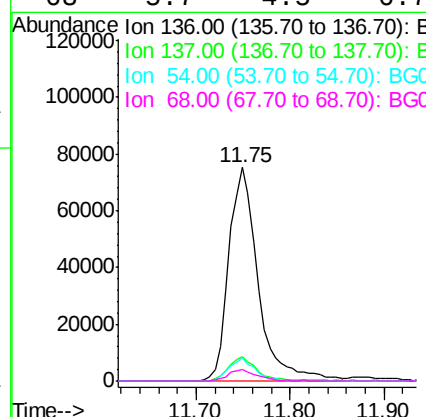
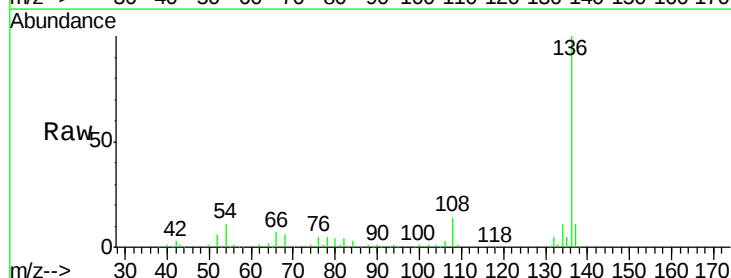
Instrument :
 BNA_G
 ClientSampleId :

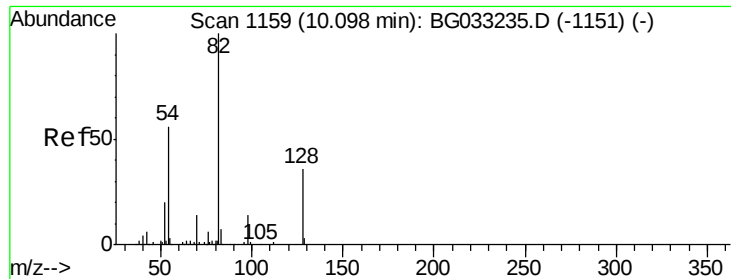
Tot Ion	70	Resp	51606
Ion Ratio	100	Lower	Upper
42	42.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.75 min Scan# 1440
 Delta R.T. -0.03 min
 Lab File: BG033349.D
 Acq: 27 Mar 2018 3:25

Tgt Ion	136	Resp	164008
Ion Ratio	100	Lower	Upper
137	11.3	9.2	13.8
54	10.6	10.3	15.5
68	5.7	4.5	6.7





#23

Nitrobenzene-d5

Concen: 105.374 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BG033349.D

Acq: 27 Mar 2018 3:25

Instrument :

BNA_G

ClientSampleId :

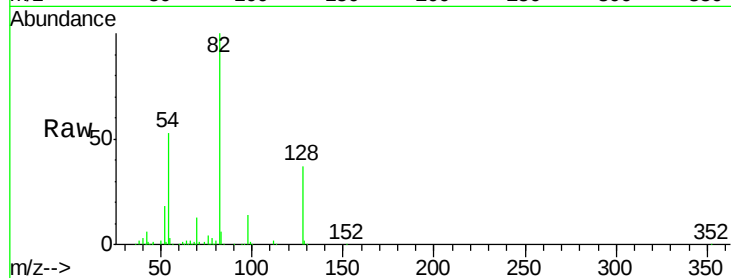
Tot Ion: 82 Resp: 376158

Ion Ratio Lower Upper

82 100

128 36.7 29.7 44.5

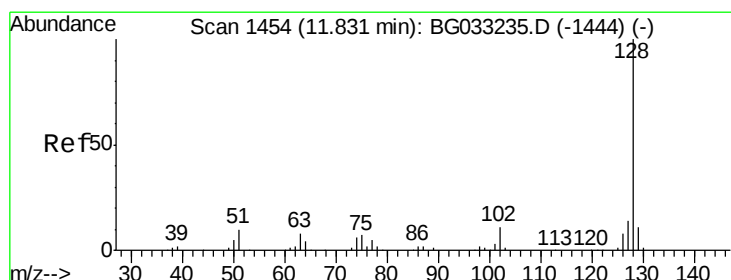
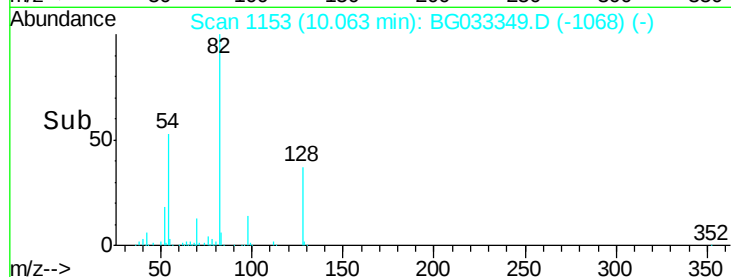
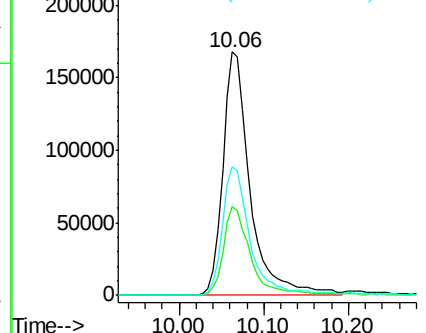
54 52.6 43.1 64.7



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



#31

Naphthalene

Concen: 3.152 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.03 min

Lab File: BG033349.D

Acq: 27 Mar 2018 3:25

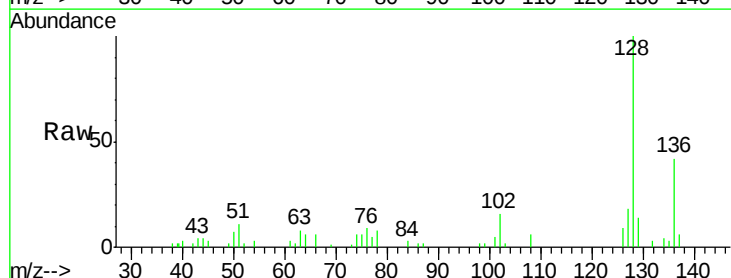
Tgt Ion: 128 Resp: 26788

Ion Ratio Lower Upper

128 100

129 14.0 8.6 12.8#

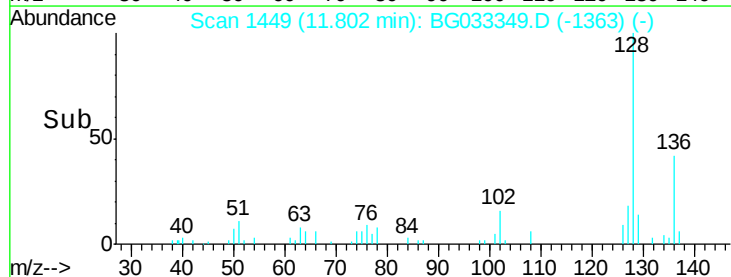
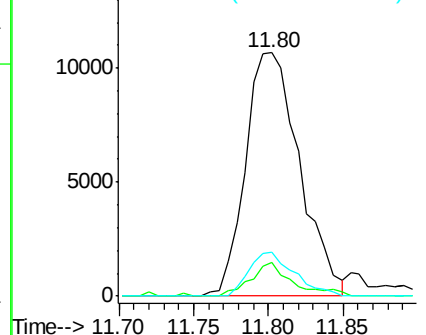
127 18.0 11.6 17.4#

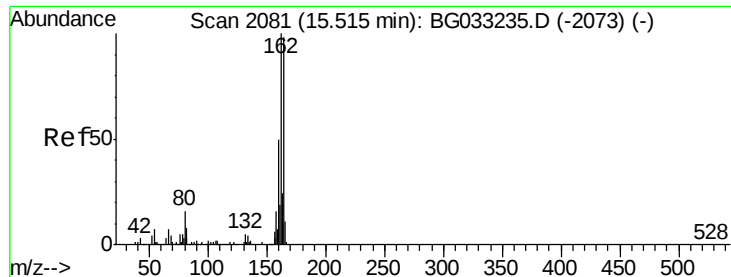


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033349.D

Acq: 27 Mar 2018 3:25

Instrument :

BNA_G

ClientSampleId :

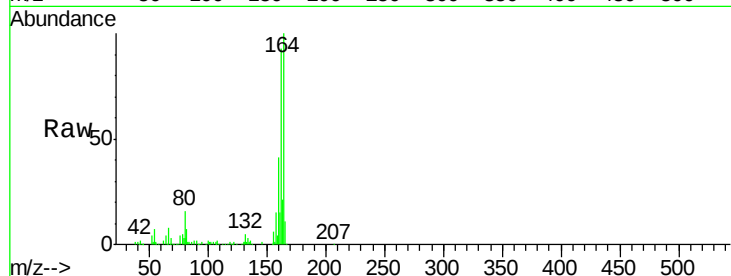
Tot Ion:164 Resp: 128503

Ion Ratio Lower Upper

164 100

162 93.0 78.8 118.2

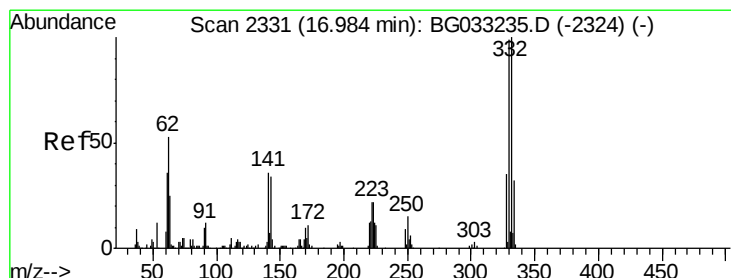
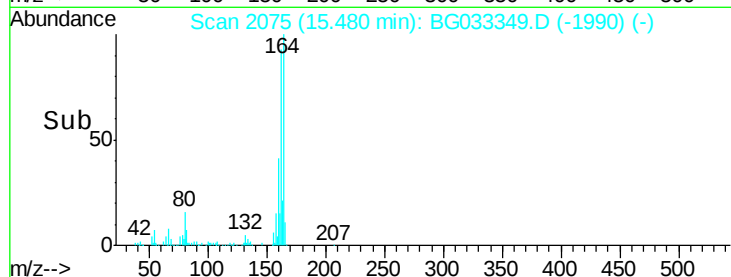
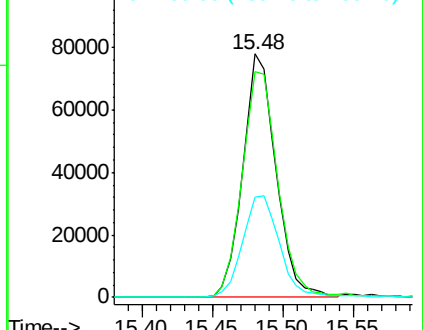
160 41.4 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 162.744 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.03 min

Lab File: BG033349.D

Acq: 27 Mar 2018 3:25

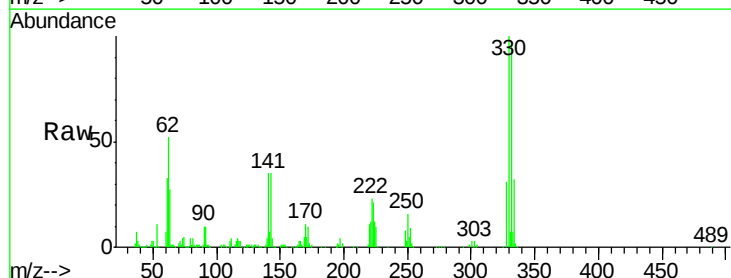
Tgt Ion:330 Resp: 312779

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

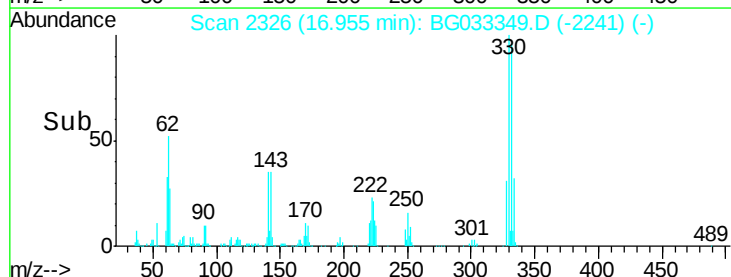
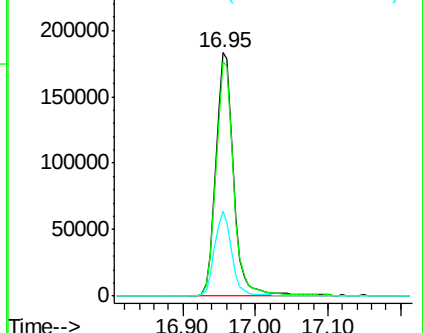
141 33.3 25.2 37.8

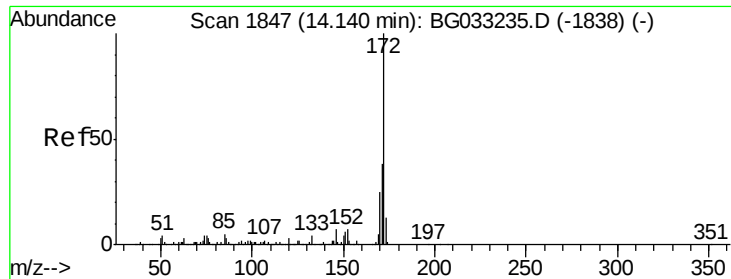


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

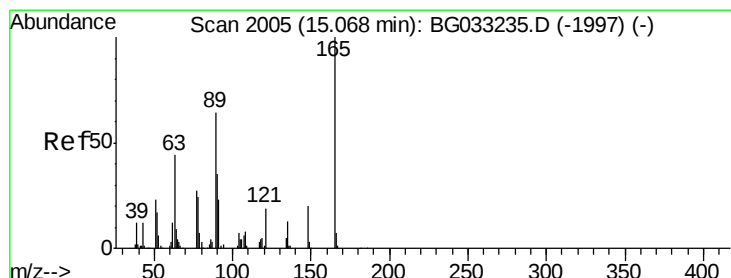
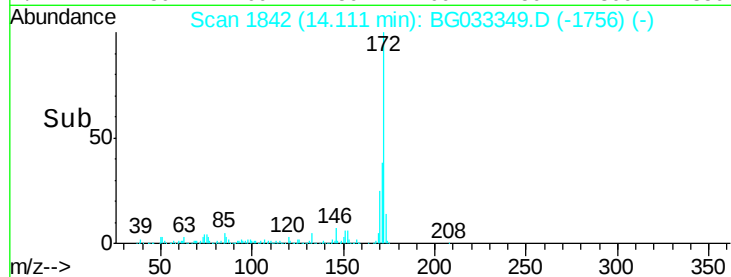
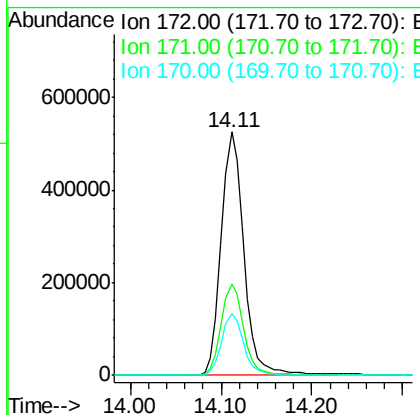
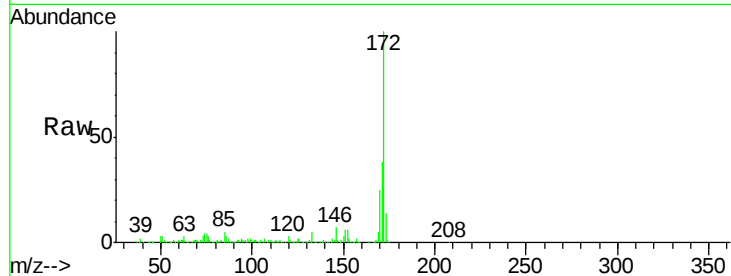




#44
 2-Fluorobiphenyl
 Concen: 102.472 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033349.D
 Acq: 27 Mar 2018 3:25

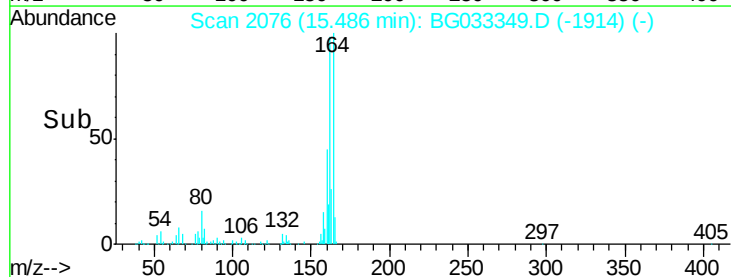
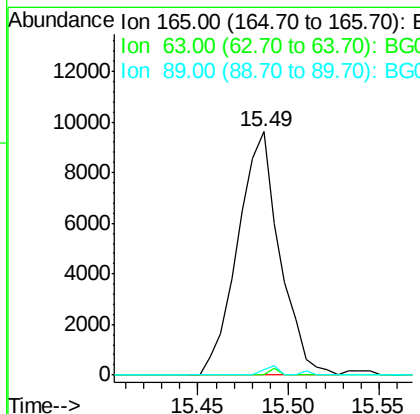
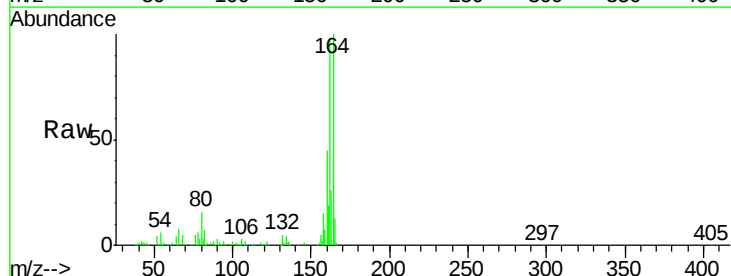
Instrument :
 BNA_G
 ClientSampleId :

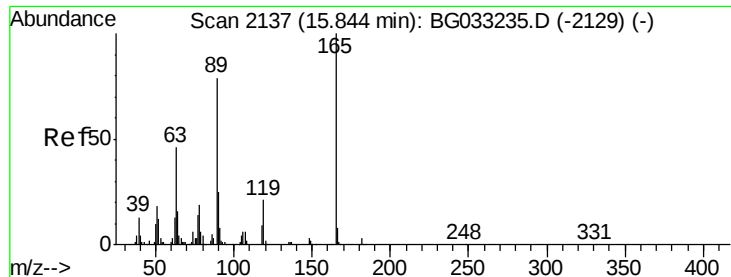
Tot Ion:172 Resp: 912136
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 25.3 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.746 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. 0.42 min
 Lab File: BG033349.D
 Acq: 27 Mar 2018 3:25

Tgt Ion:165 Resp: 15426
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.0 49.2 73.8#

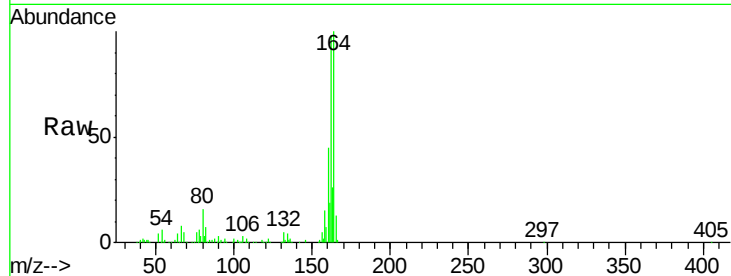




#56
 2,4-Dinitrotoluene
 Concen: 4.582 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.36 min
 Lab File: BG033349.D
 Acq: 27 Mar 2018 3:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#

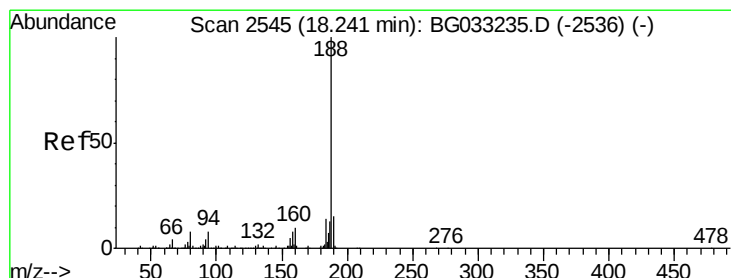
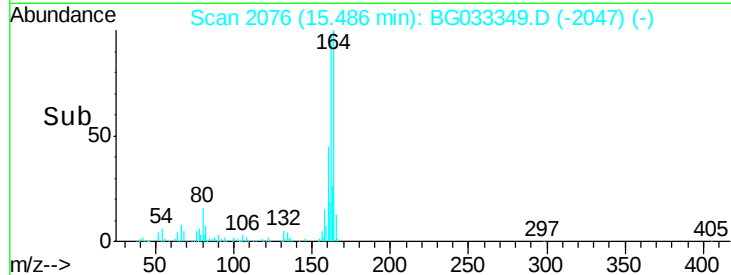
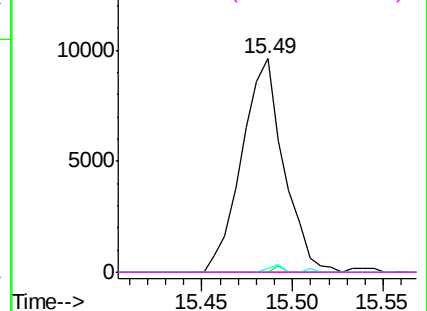


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

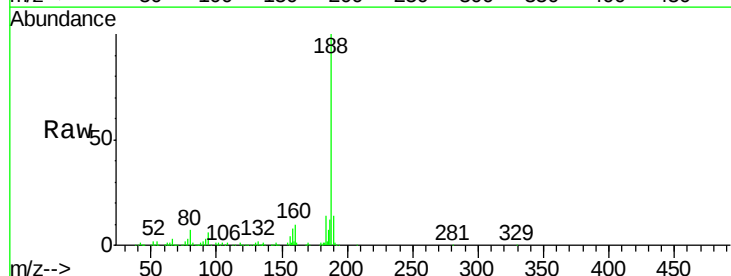
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BG033349.D
 Acq: 27 Mar 2018 3:25

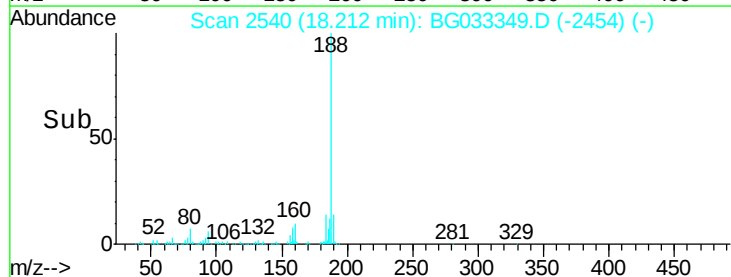
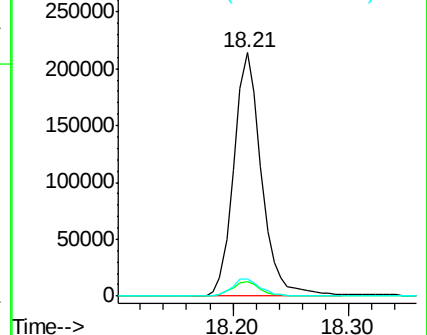
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	6.8	7.7	11.5#



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

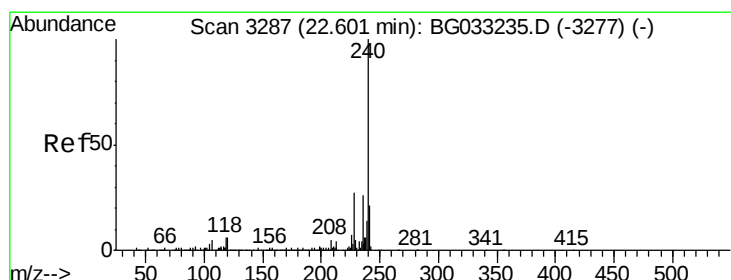
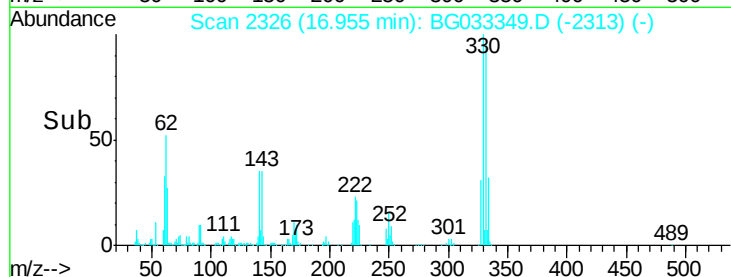
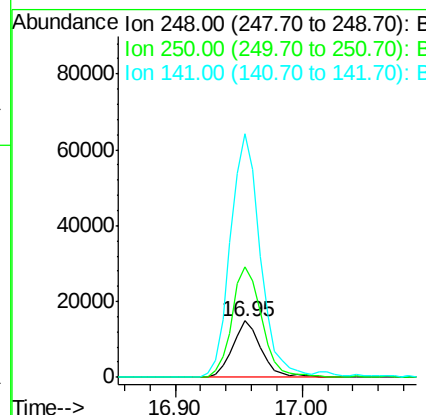
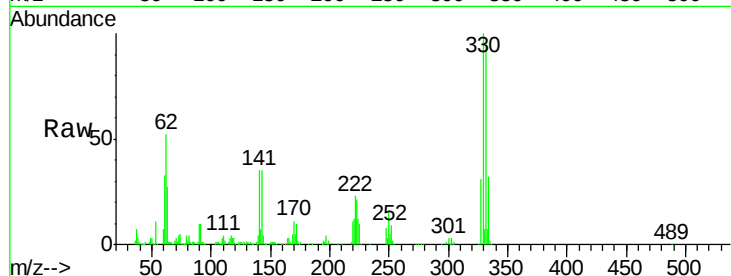




#66
4-Bromophenyl-phenylether
Concen: 5.540 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.45 min
Lab File: BG033349.D
Acq: 27 Mar 2018 3:25

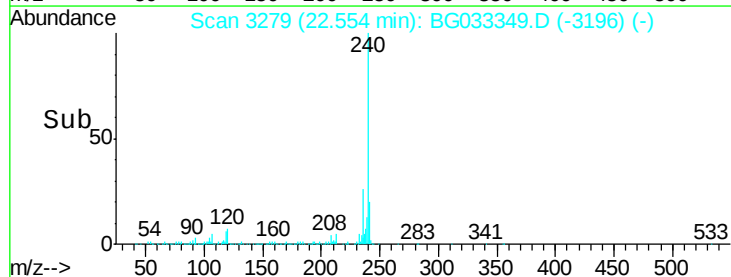
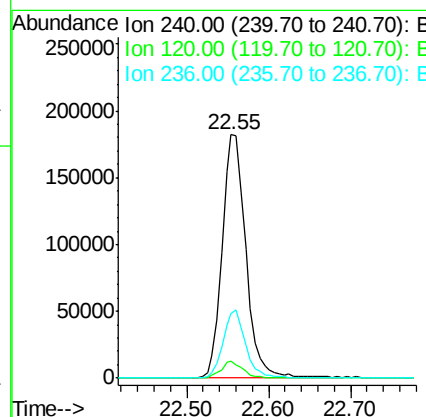
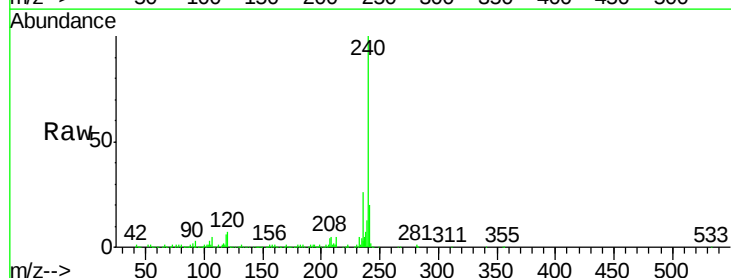
Instrument :
BNA_G
ClientSampleId :

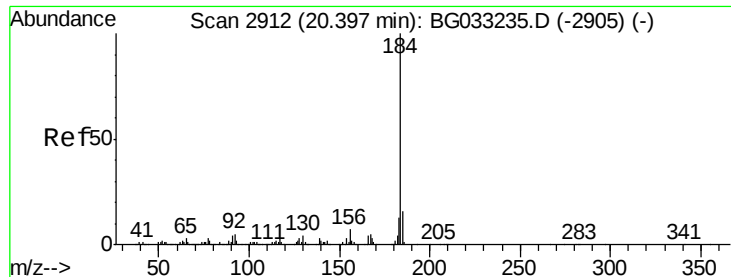
Tot Ion:248 Resp: 23175
Ion Ratio Lower Upper
248 100
250 195.5 77.1 115.7#
141 430.3 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.04 min
Lab File: BG033349.D
Acq: 27 Mar 2018 3:25

Tgt Ion:240 Resp: 368430
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 26.4 20.9 31.3

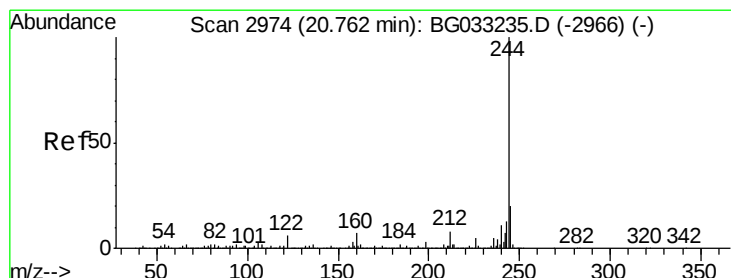
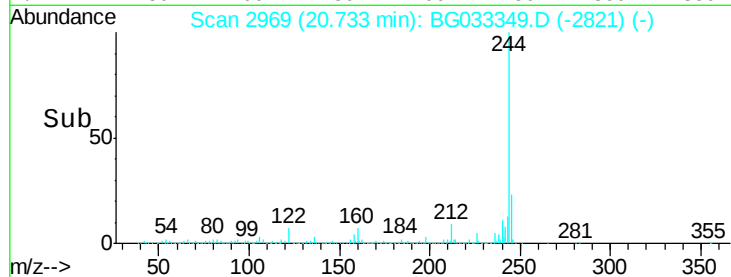
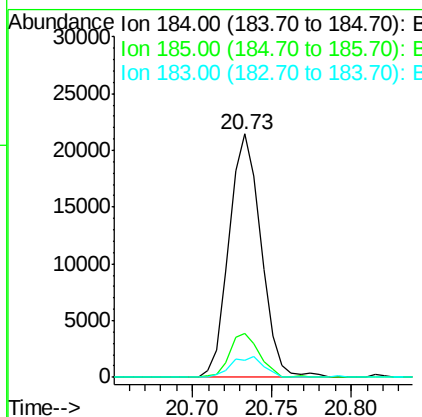
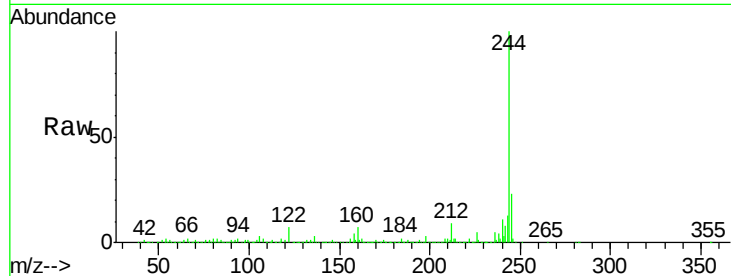




#76
Benzidine
Concen: 3.005 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.34 min
Lab File: BG033349.D
Acq: 27 Mar 2018 3:25

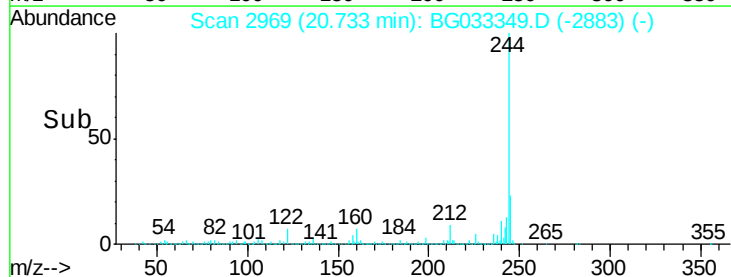
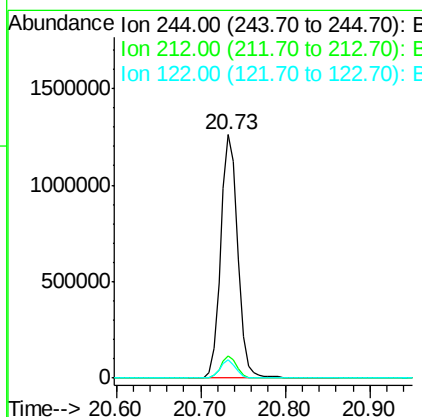
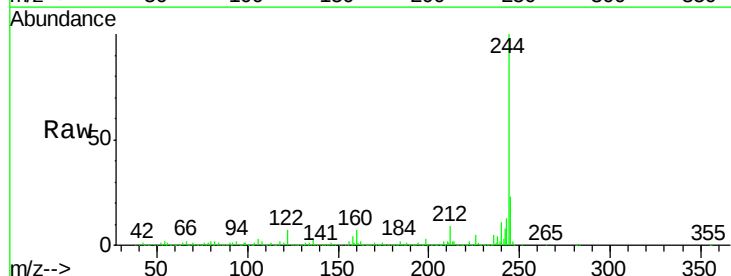
Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 30020
Ion Ratio Lower Upper
184 100
185 17.9 11.1 16.7#
183 7.2 10.6 16.0#



#78
Terphenyl-d14
Concen: 103.295 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.03 min
Lab File: BG033349.D
Acq: 27 Mar 2018 3:25

Tgt Ion:244 Resp: 1779518
Ion Ratio Lower Upper
244 100
212 8.9 5.8 8.8#
122 7.4 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. -0.06 min
 Lab File: BG033349.D
 Acq: 27 Mar 2018 3:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.4	26.0
265	20.0	17.7	26.5

