

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033332.D
 Acq On : 26 Mar 2018 16:47
 Operator : SJ/JU
 Sample : J1994-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-07-031918

Quant Time: Mar 26 18:26:11 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

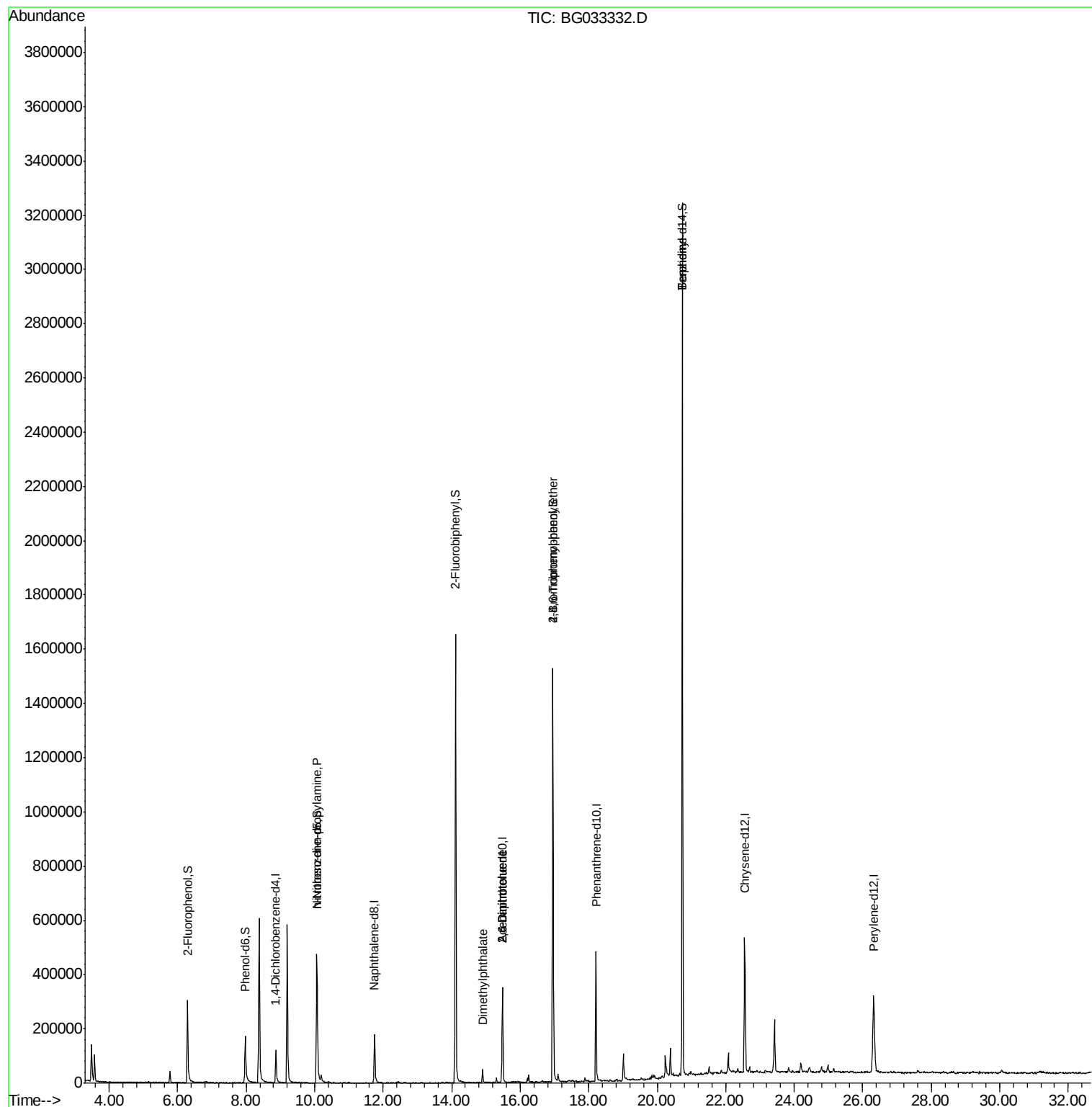
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	41546	20.00	ng	-0.03
21) Naphthalene-d8	11.74	136	178144	20.00	ng	-0.04
38) Acenaphthene-d10	15.48	164	133911	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	347257	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	367575	20.00	ng	-0.04
86) Perylene-d12	26.32	264	391732	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	156652	70.70	ng	-0.02
7) Phenol-d6	7.97	99	137894	36.22	ng	-0.02
23) Nitrobenzene-d5	10.06	82	376309	97.05	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	320608	160.08	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	938858	101.21	ng	-0.02
78) Terphenyl-d14	20.73	244	1653266	96.19	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	51379	18.418	ng	# 68
49) Dimethylphthalate	14.90	163	34587	2.968	ng	# 98
50) 2,6-Dinitrotoluene	15.48	165	18280	7.671	ng	# 18
56) 2,4-Dinitrotoluene	15.48	165	18350	5.230	ng	# 16
66) 4-Bromophenyl-phenylether	16.96	248	26738	6.556	ng	# 1
76) Benzidine	20.73	184	26570	2.666	ng	# 91

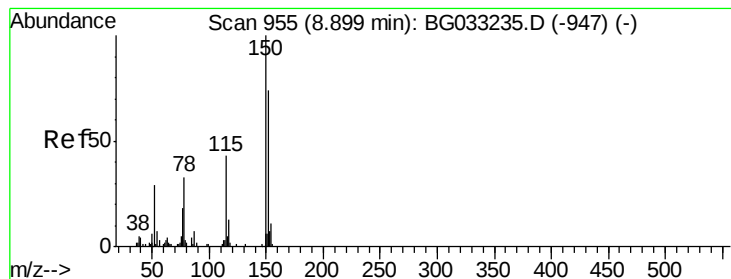
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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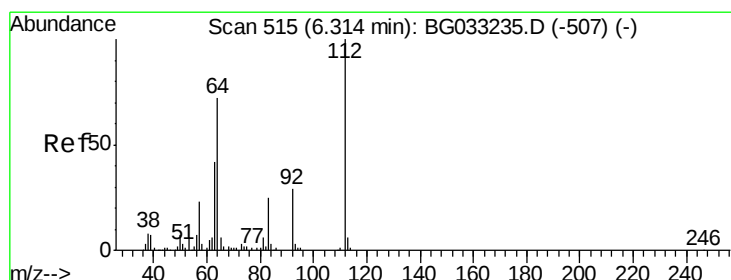
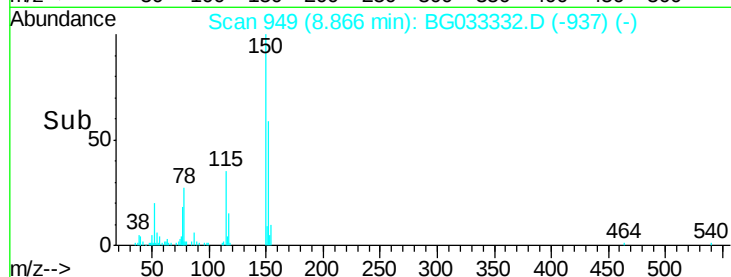
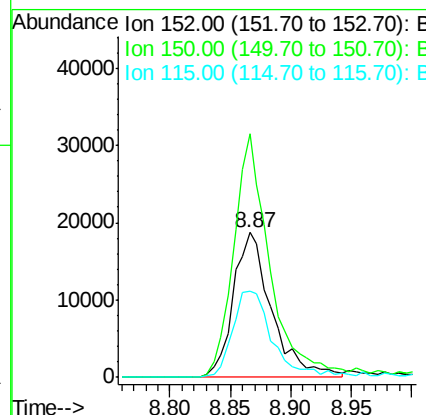
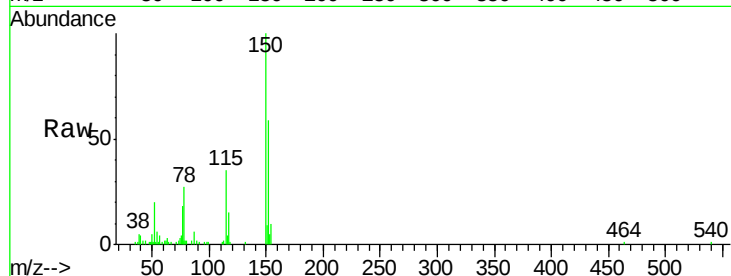


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033332.D
Acq: 26 Mar 2018 16:47

Instrument :
BNA_G
ClientSampleId :
C-MW-07-031918

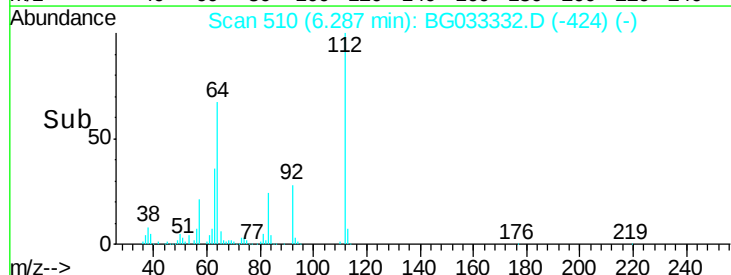
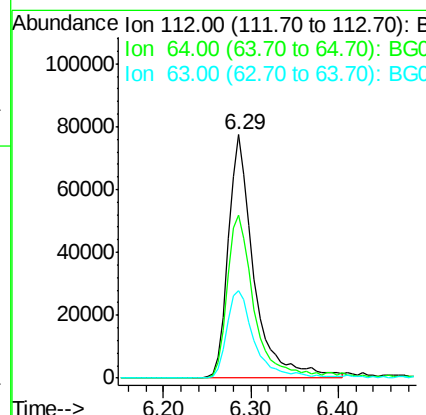
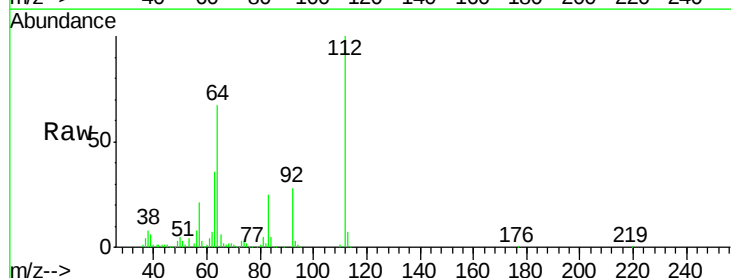
Tgt Ion:152 Resp: 41546
Ion Ratio Lower Upper
152 100
150 168.3 126.6 189.8
115 59.7 53.0 79.4

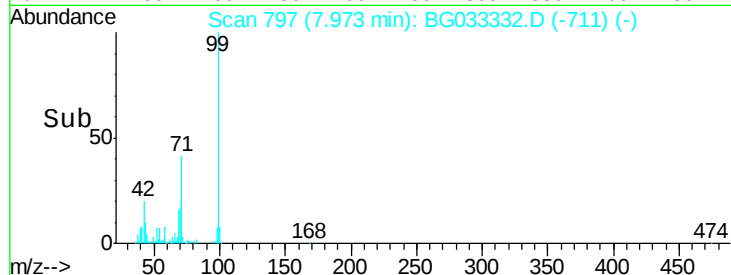
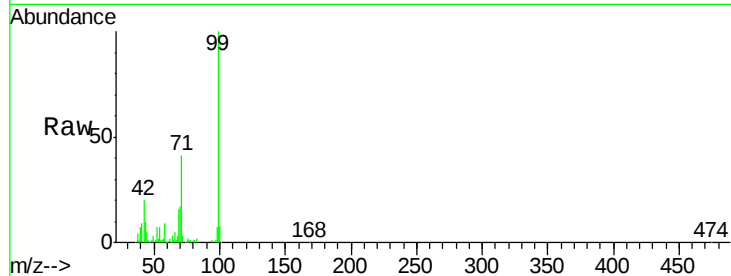
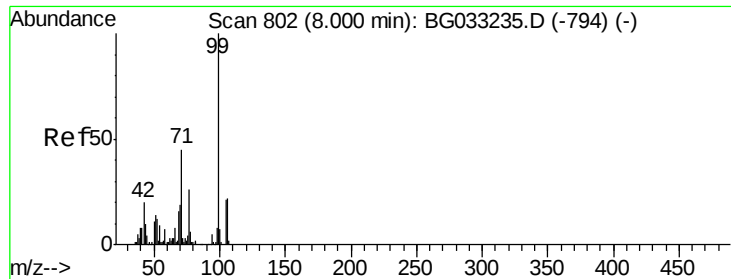


#5

2-Fluorophenol
Concen: 70.703 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.02 min
Lab File: BG033332.D
Acq: 26 Mar 2018 16:47

Tgt Ion:112 Resp: 156652
Ion Ratio Lower Upper
112 100
64 67.0 56.3 84.5
63 36.1 30.1 45.1





#7

Phenol-d6

Concen: 36.222 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

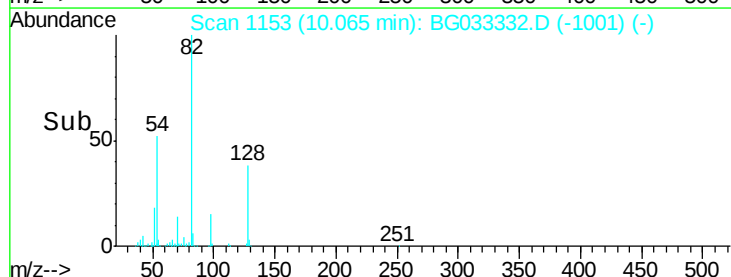
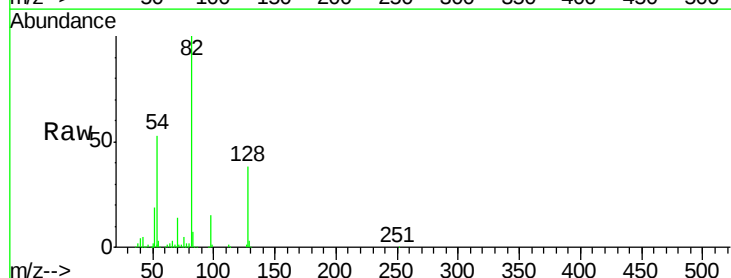
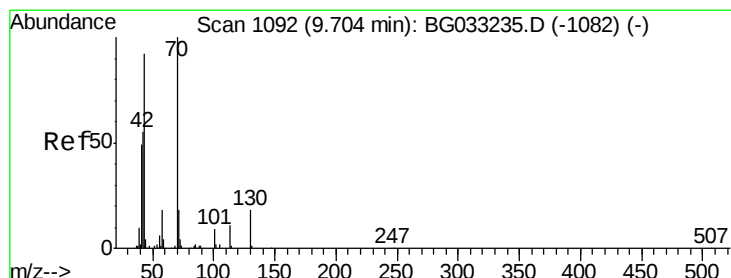
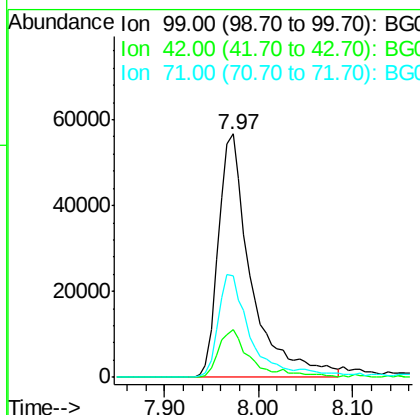
Lab File: BG033332.D

Acq: 26 Mar 2018 16:47

Instrument :
BNA_G
ClientSampleId :
C-MW-07-031918

Tgt Ion: 99 Resp: 137894

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.1	21.1
71	41.5	26.1	39.1



#19

n-Nitroso-di-n-propylamine

Concen: 18.418 ng

RT: 10.06 min Scan# 1153

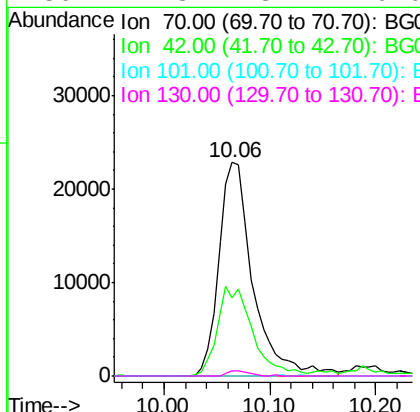
Delta R.T. 0.36 min

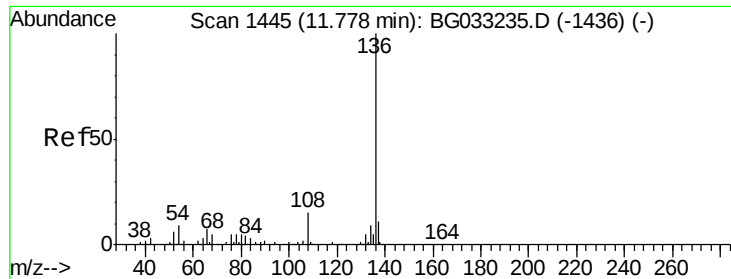
Lab File: BG033332.D

Acq: 26 Mar 2018 16:47

Tgt Ion: 70 Resp: 51379

Ion	Ratio	Lower	Upper
70	100		
42	36.4	49.1	73.7
101	0.0	8.5	12.7
130	2.3	13.4	20.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1439

Delta R.T. -0.04 min

Lab File: BG033332.D

Acq: 26 Mar 2018 16:47

Instrument :

BNA_G

ClientSampleId :

C-MW-07-031918

Tgt Ion: 136 Resp: 178144

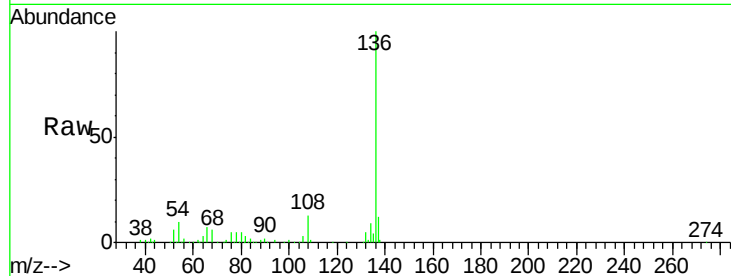
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 9.6 10.3 15.5#

68 6.1 4.5 6.7

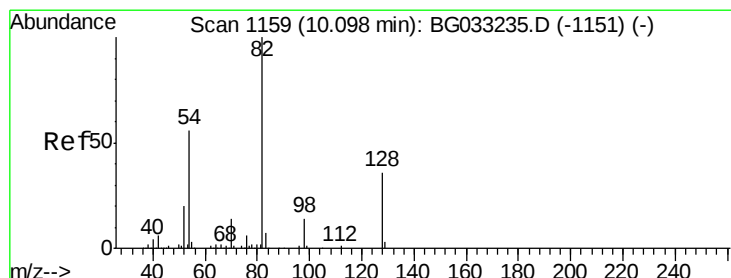
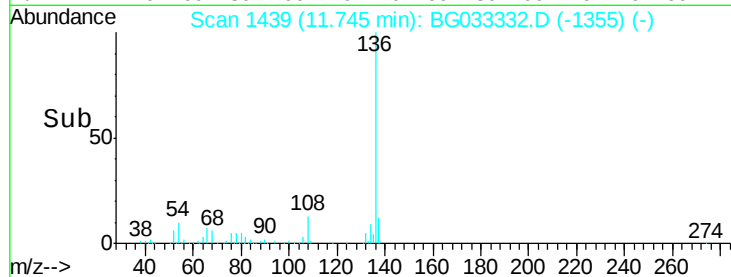
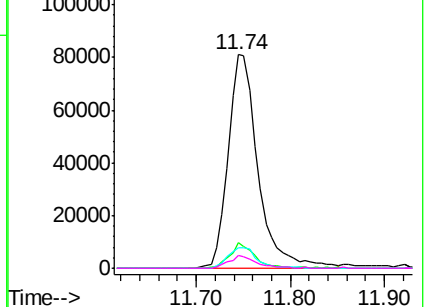


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 97.052 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BG033332.D

Acq: 26 Mar 2018 16:47

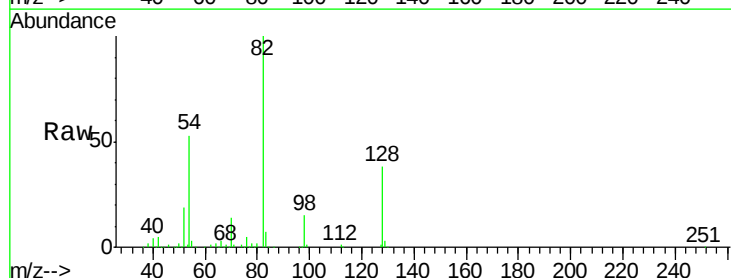
Tgt Ion: 82 Resp: 376309

Ion Ratio Lower Upper

82 100

128 38.1 29.7 44.5

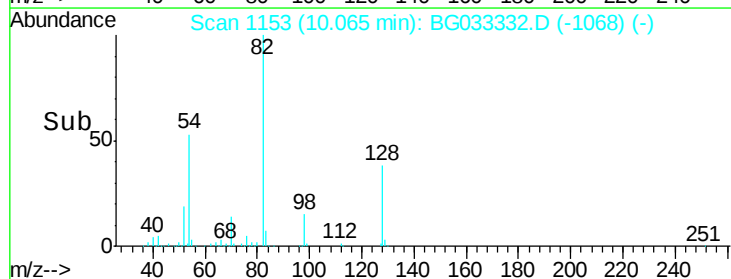
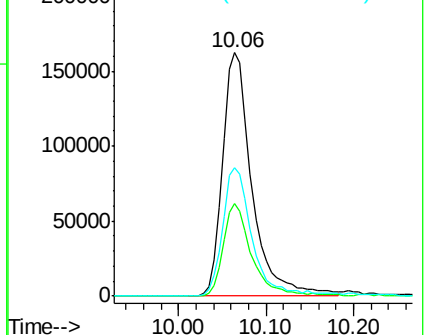
54 52.7 43.1 64.7

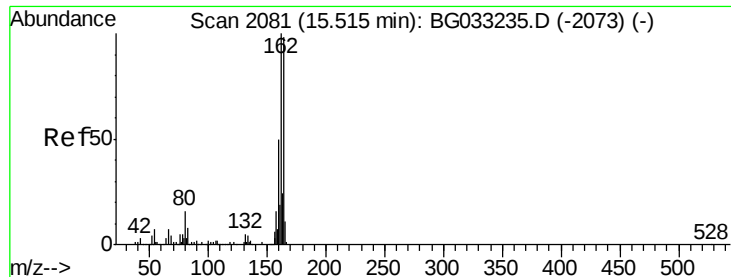


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

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. -0.03 min

Lab File: BG033332.D

Acq: 26 Mar 2018 16:47

Instrument :

BNA_G

ClientSampleId :

C-MW-07-031918

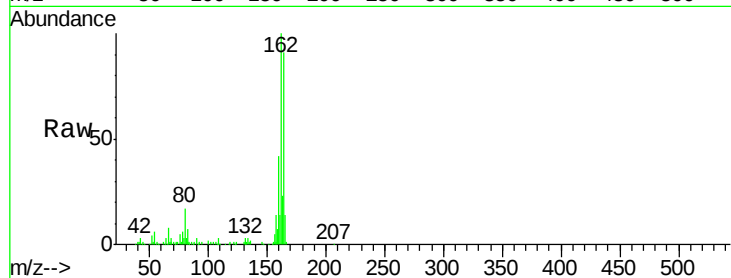
Tgt Ion:164 Resp: 133911

Ion Ratio Lower Upper

164 100

162 110.0 78.8 118.2

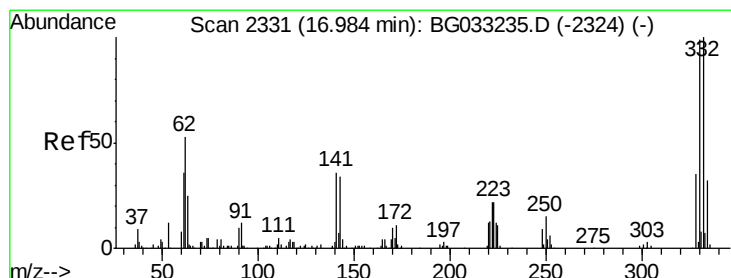
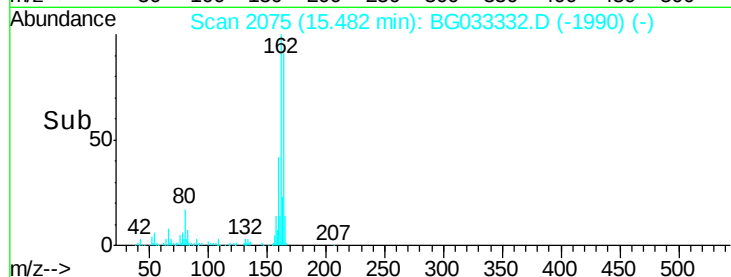
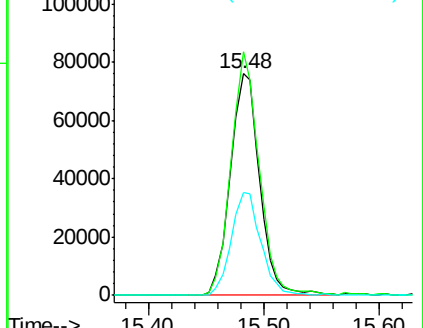
160 46.3 35.4 53.0



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: 160.080 ng

RT: 16.96 min Scan# 2326

Delta R.T. -0.03 min

Lab File: BG033332.D

Acq: 26 Mar 2018 16:47

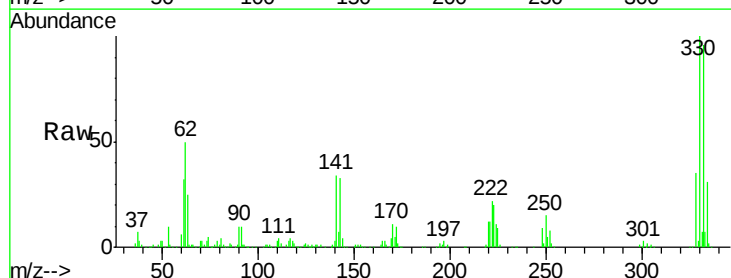
Tgt Ion:330 Resp: 320608

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

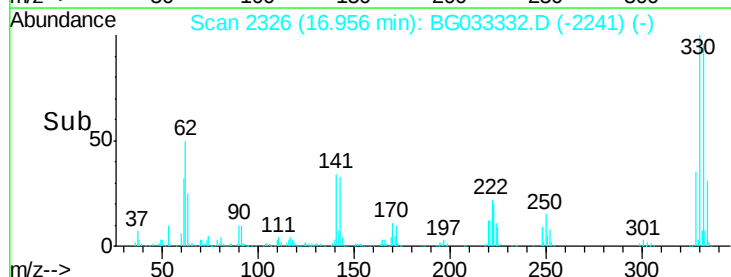
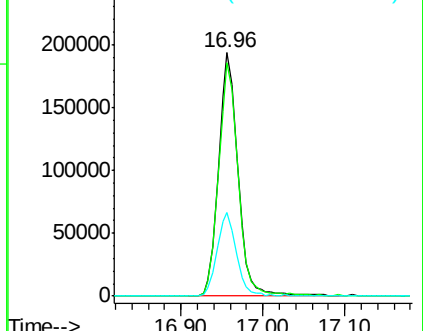
141 33.9 25.2 37.8

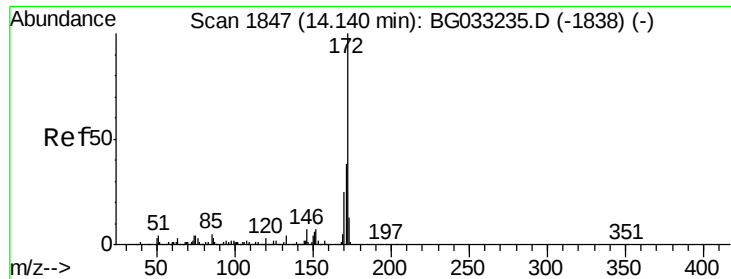


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 101.214 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG033332.D

Acq: 26 Mar 2018 16:47

Instrument :

BNA_G

ClientSampleId :

C-MW-07-031918

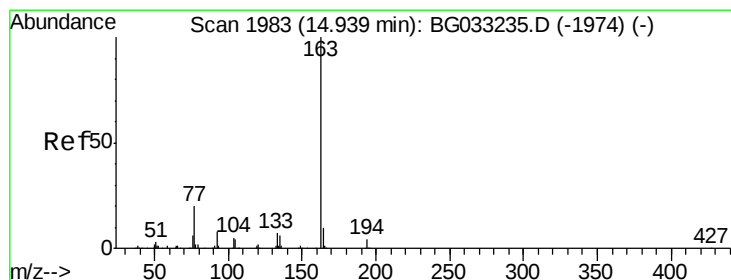
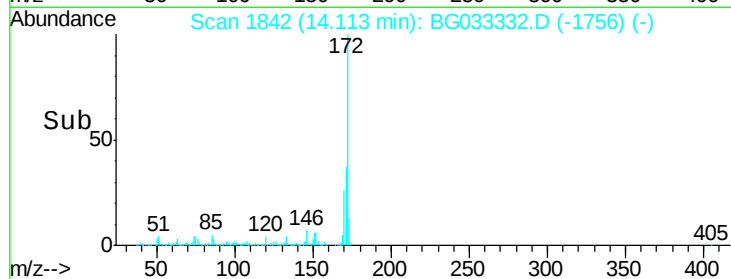
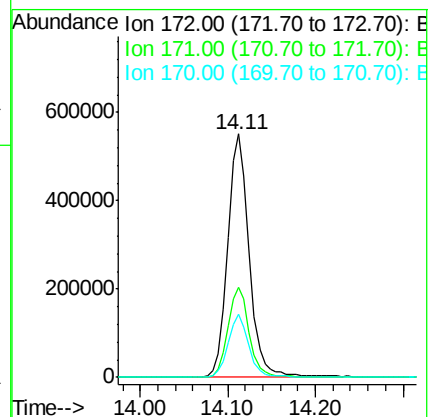
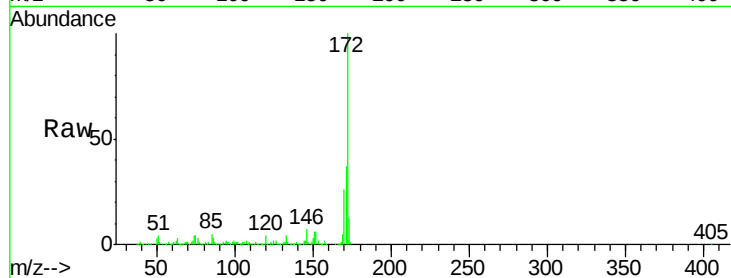
Tgt Ion:172 Resp: 938858

Ion Ratio Lower Upper

172 100

171 37.0 30.0 45.0

170 26.0 19.5 29.3



#49

Dimethylphthalate

Concen: 2.968 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.04 min

Lab File: BG033332.D

Acq: 26 Mar 2018 16:47

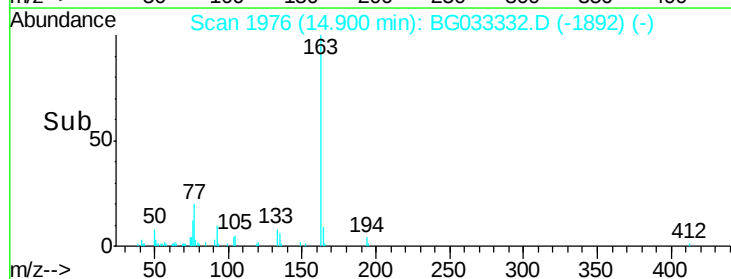
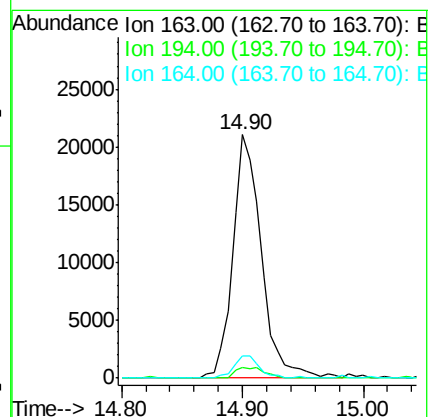
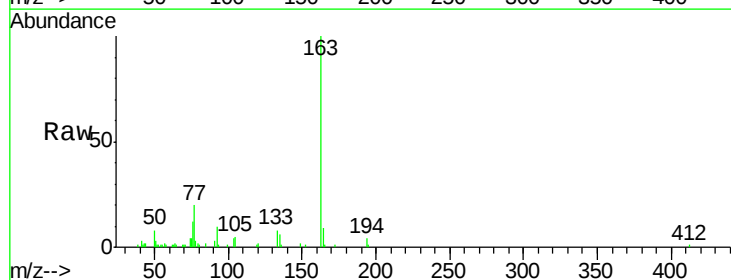
Tgt Ion:163 Resp: 34587

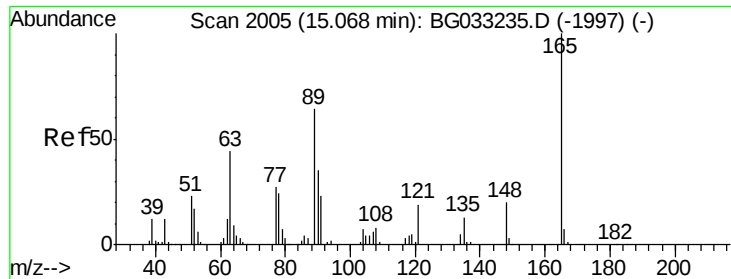
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 9.3 8.2 12.4

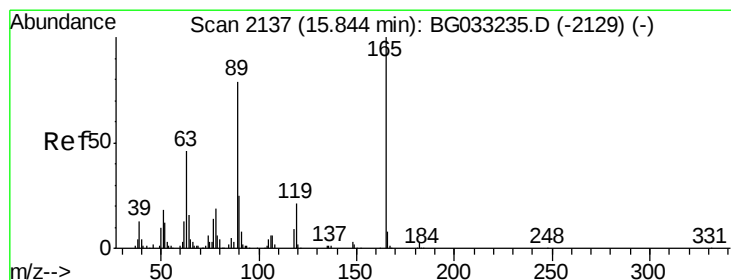
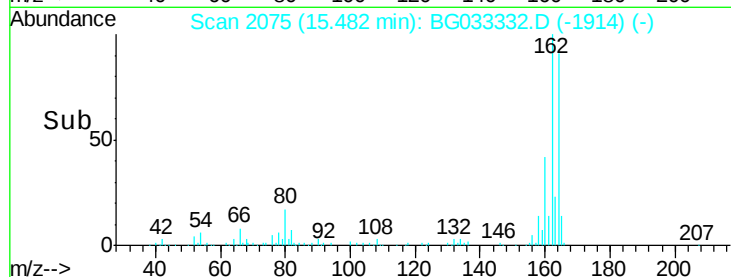
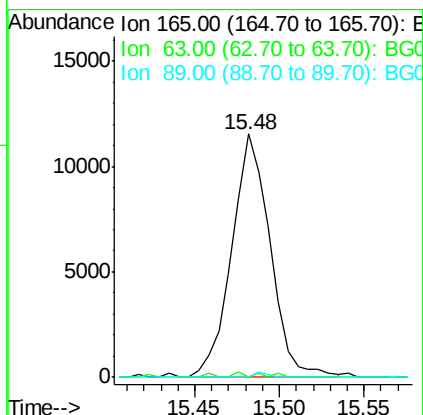
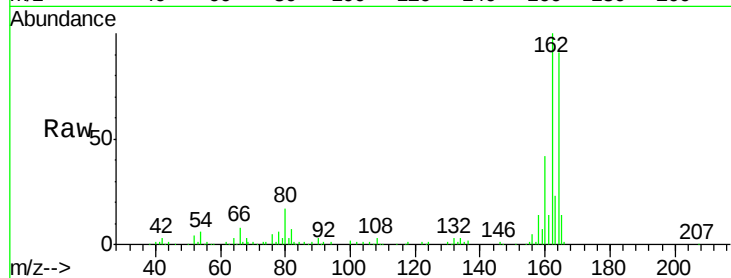




#50
 2,6-Dinitrotoluene
 Concen: 7.671 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.42 min
 Lab File: BG033332.D
 Acq: 26 Mar 2018 16:47

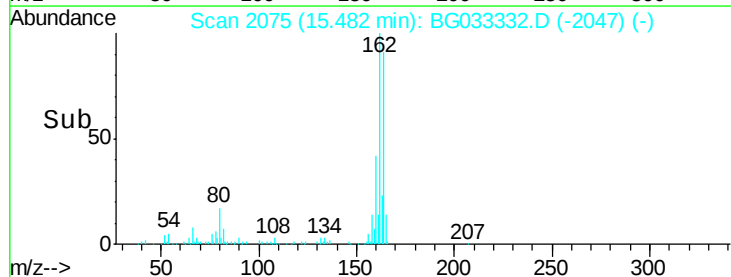
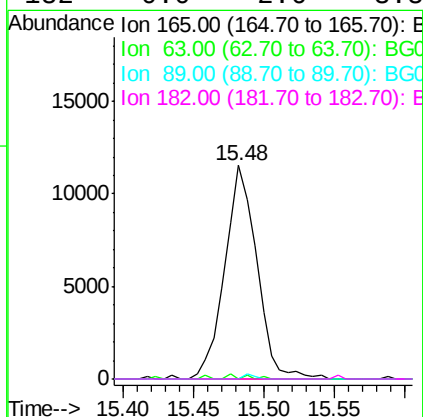
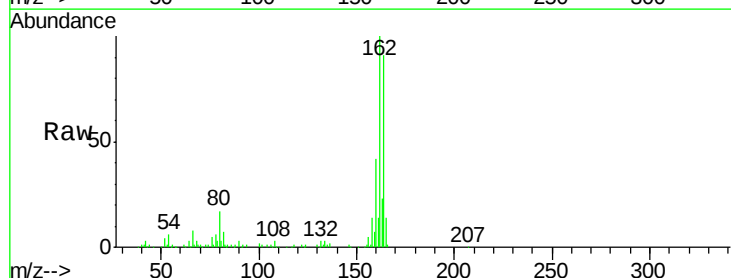
Instrument :
 BNA_G
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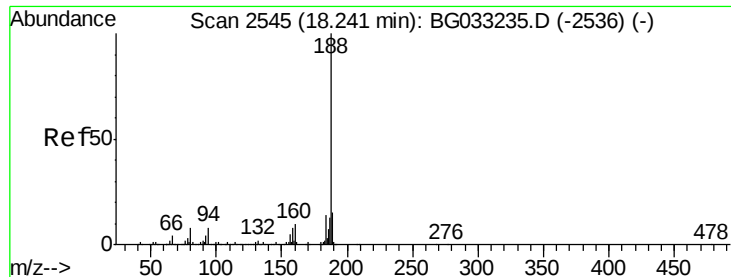
Tgt Ion:165 Resp: 18280
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.230 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.37 min
 Lab File: BG033332.D
 Acq: 26 Mar 2018 16:47

Tgt Ion:165 Resp: 18350
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

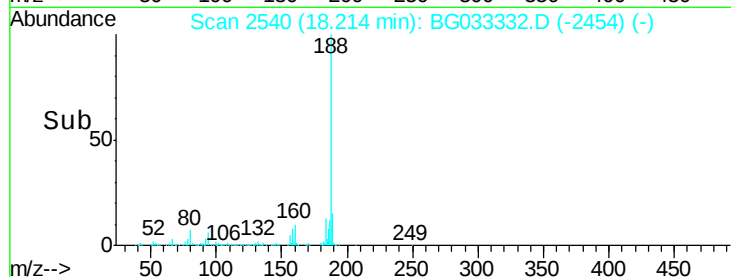
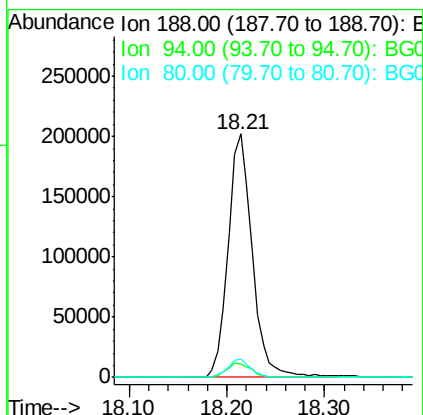
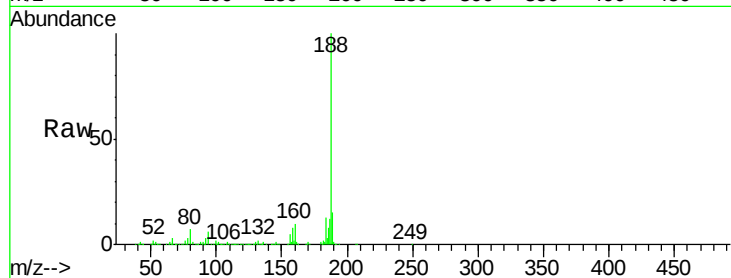




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BG033332.D
Acq: 26 Mar 2018 16:47

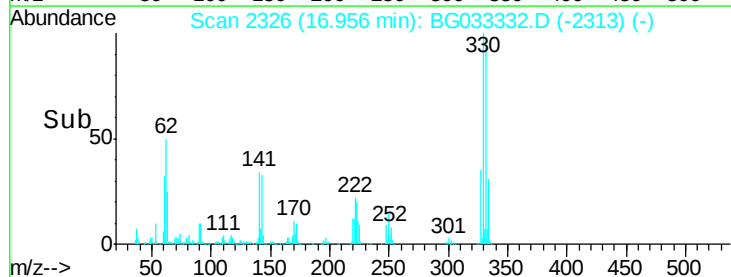
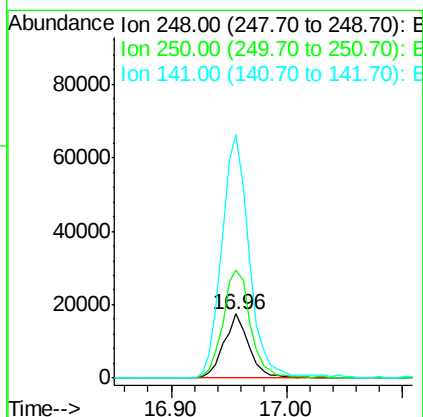
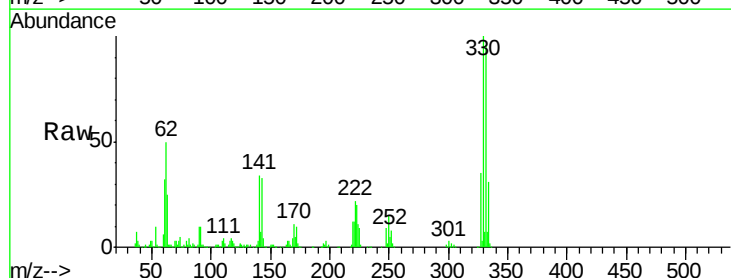
Instrument :
BNA_G
ClientSampleId :
C-MW-07-031918

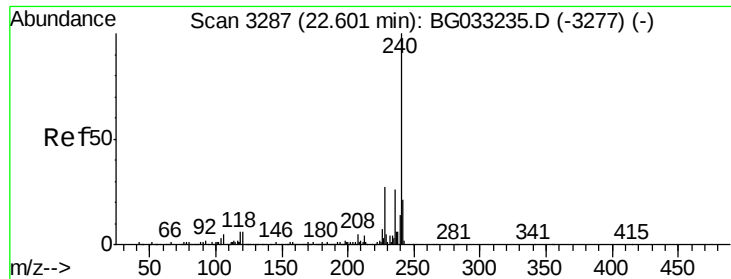
Tgt Ion:188 Resp: 347257
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 7.4 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 6.556 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.45 min
Lab File: BG033332.D
Acq: 26 Mar 2018 16:47

Tgt Ion:248 Resp: 26738
Ion Ratio Lower Upper
248 100
250 168.9 77.1 115.7#
141 379.0 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.04 min

Lab File: BG033332.D

Acq: 26 Mar 2018 16:47

Instrument :

BNA_G

ClientSampleId :

C-MW-07-031918

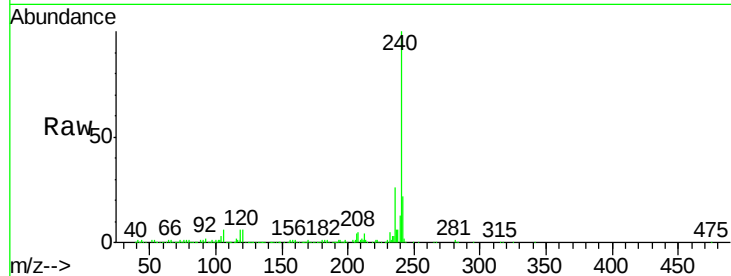
Tgt Ion:240 Resp: 367575

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

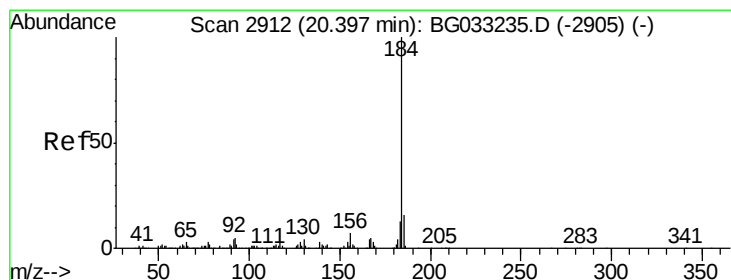
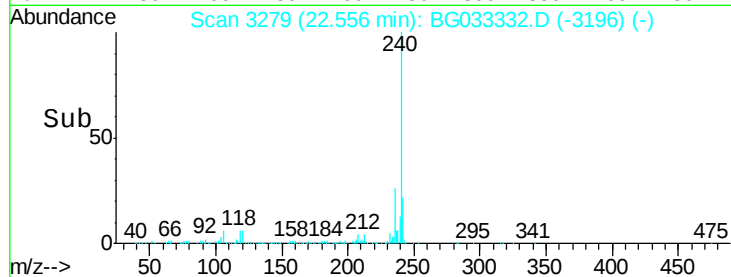
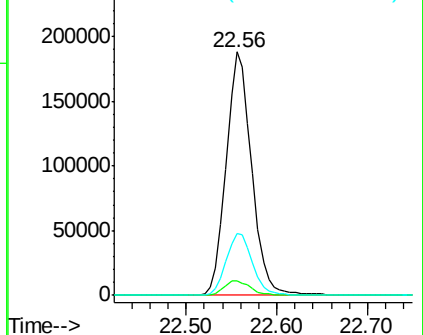
236 25.6 20.9 31.3



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



#76

Benzidine

Concen: 2.666 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.34 min

Lab File: BG033332.D

Acq: 26 Mar 2018 16:47

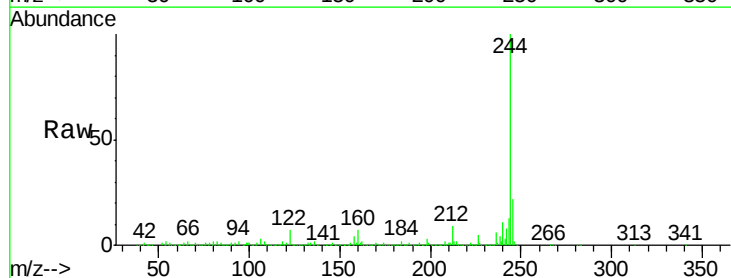
Tgt Ion:184 Resp: 26570

Ion Ratio Lower Upper

184 100

185 16.9 11.1 16.7#

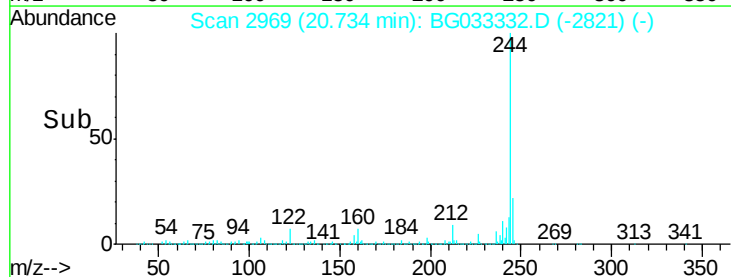
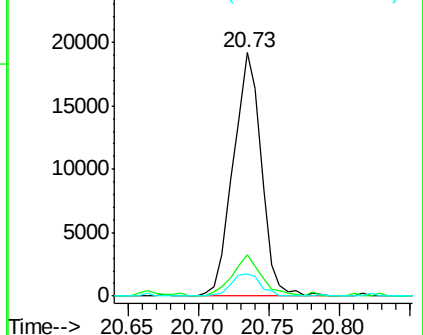
183 9.1 10.6 16.0#

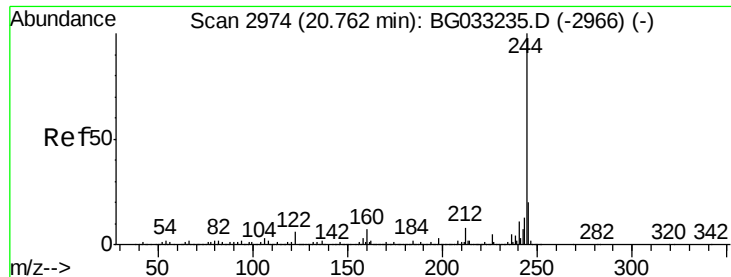


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

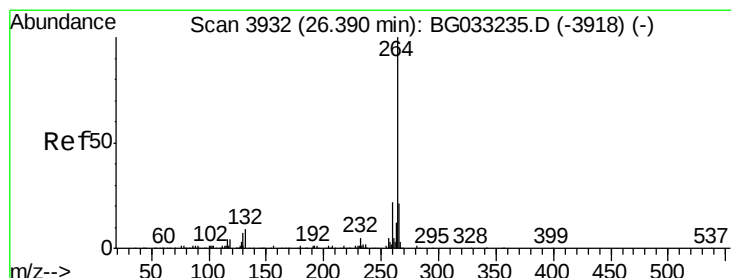
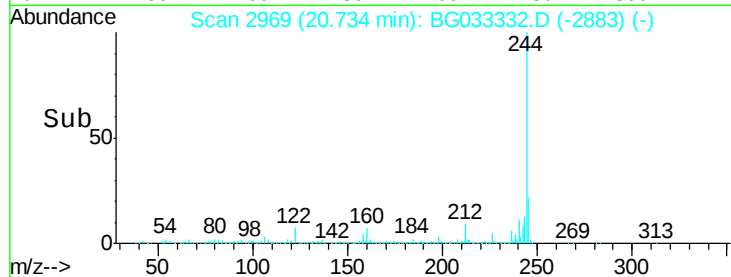
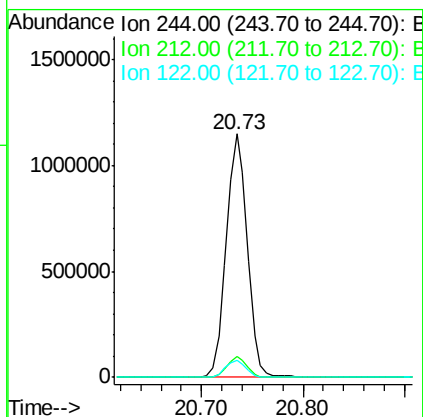
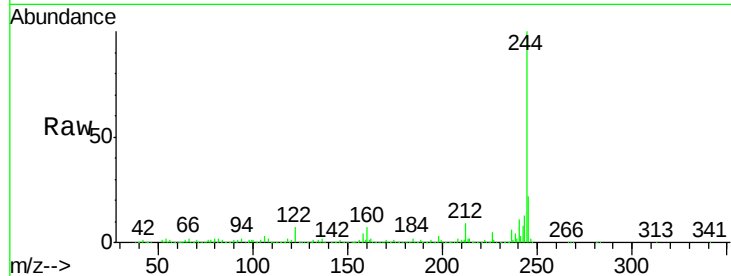




#78
 Terphenyl-d14
 Concen: 96.189 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.02 min
 Lab File: BG033332.D
 Acq: 26 Mar 2018 16:47

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-07-031918

Tgt Ion:244 Resp: 1653266
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.8#
 122 7.0 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.07 min
 Lab File: BG033332.D
 Acq: 26 Mar 2018 16:47

Tgt Ion:264 Resp: 391732
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.4 26.0
 265 21.1 17.7 26.5

