

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033333.D
 Acq On : 26 Mar 2018 17:25
 Operator : SJ/JU
 Sample : J1994-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-05-031918

Quant Time: Mar 26 18:26:26 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

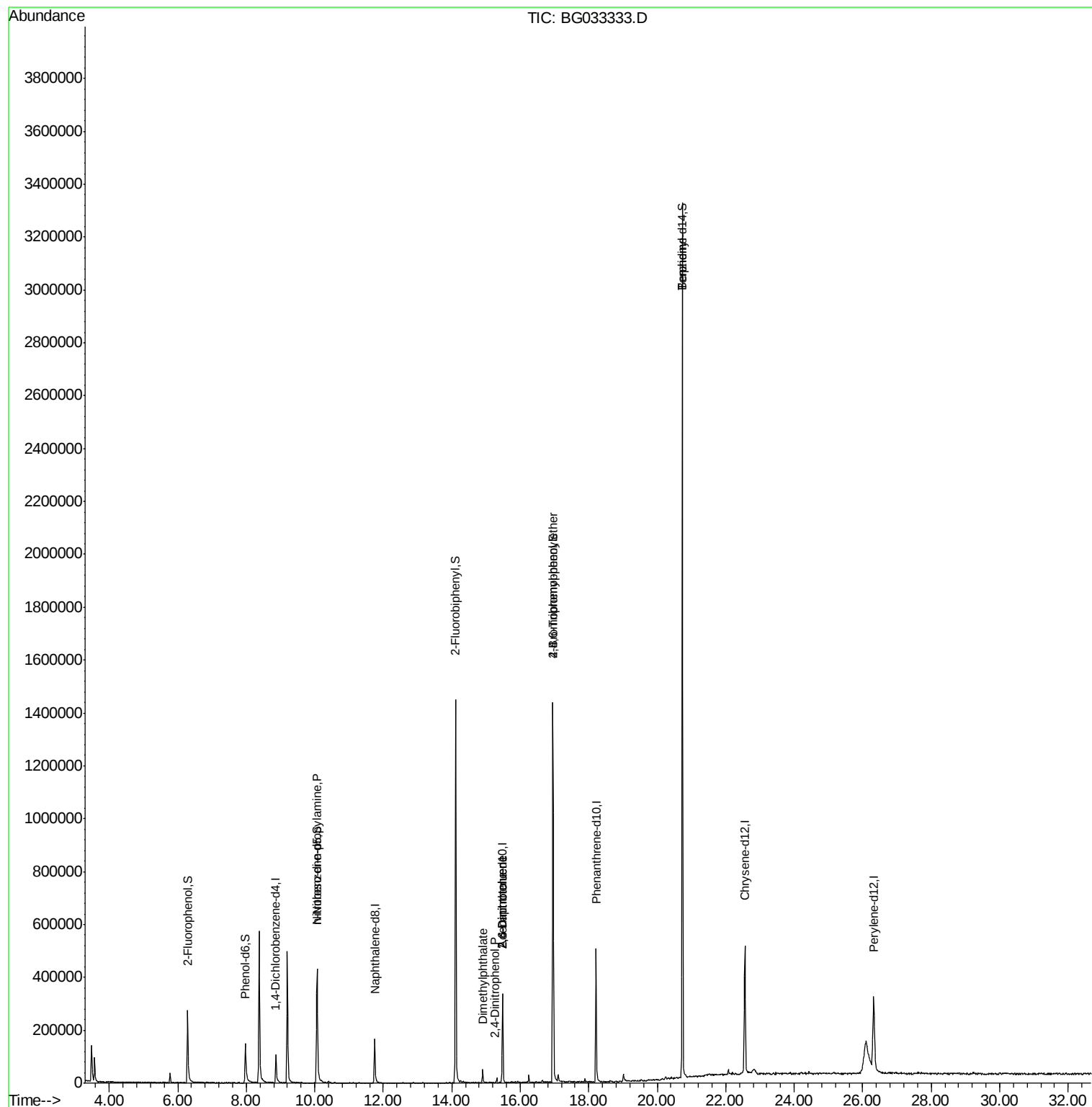
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	38016	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	159734	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	126833	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	345032	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	352828	20.00	ng	-0.04
86) Perylene-d12	26.32	264	381821	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	137175	67.66	ng	-0.02
7) Phenol-d6	7.97	99	125171	35.93	ng	-0.03
23) Nitrobenzene-d5	10.07	82	339835	97.75	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	310528	163.70	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	819432	93.27	ng	-0.03
78) Terphenyl-d14	20.73	244	1640038	99.41	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.07	70	45492	17.822	ng	# 74
49) Dimethylphthalate	14.90	163	35464	3.213	ng	# 96
50) 2,6-Dinitrotoluene	15.48	165	15595	6.910	ng	# 20
53) 2,4-Dinitrophenol	15.28	184	60	7.689	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	15595	4.693	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	22614	5.581	ng	# 1
76) Benzidine	20.73	184	25121	2.625	ng	# 91

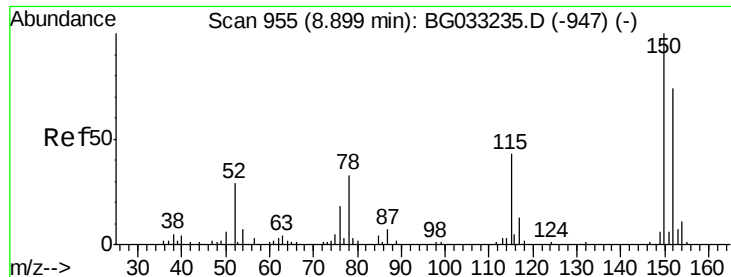
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
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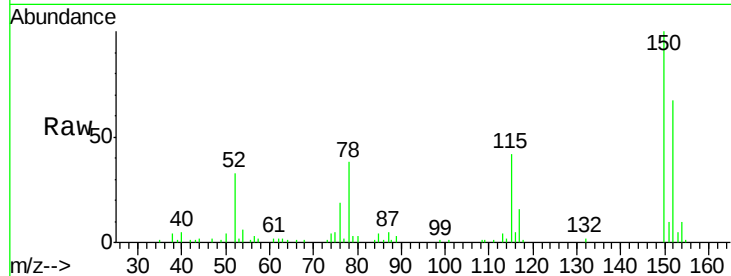


#1

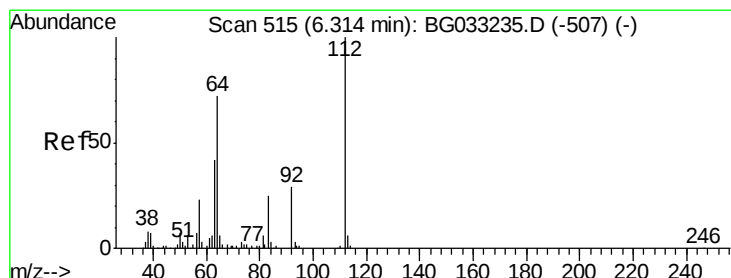
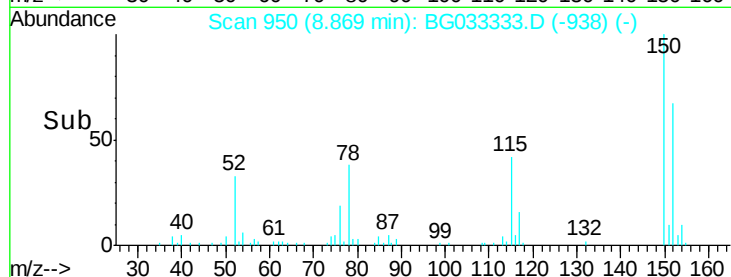
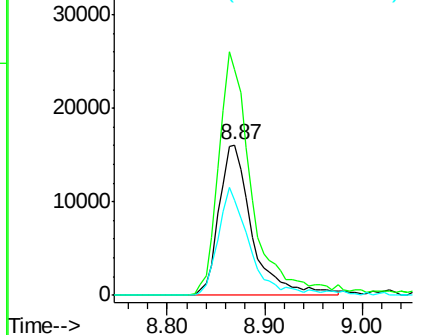
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. -0.03 min
 Lab File: BG033333.D
 Acq: 26 Mar 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-05-031918

Tgt Ion:152 Resp: 38016
 Ion Ratio Lower Upper
 152 100
 150 150.3 126.6 189.8
 115 63.7 53.0 79.4



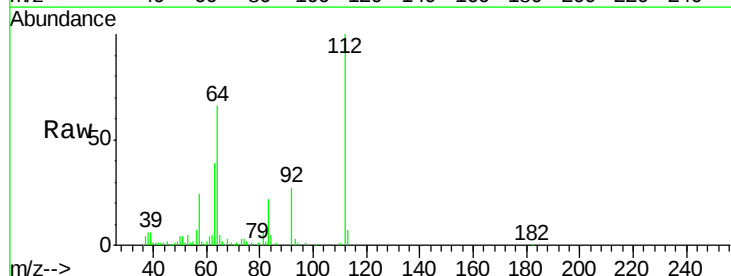
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



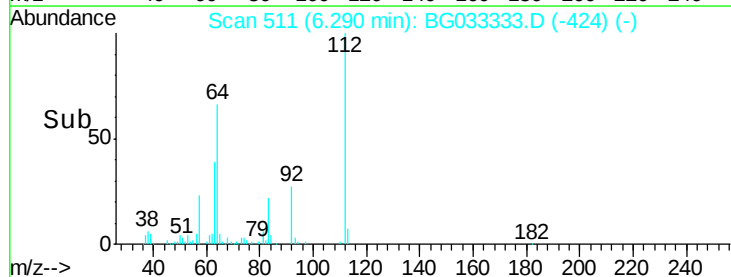
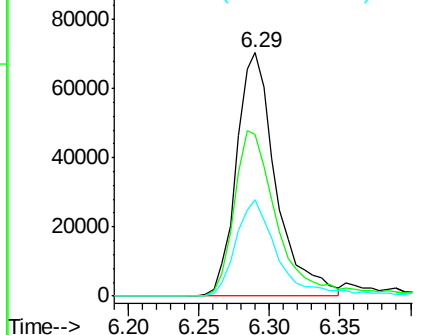
#5

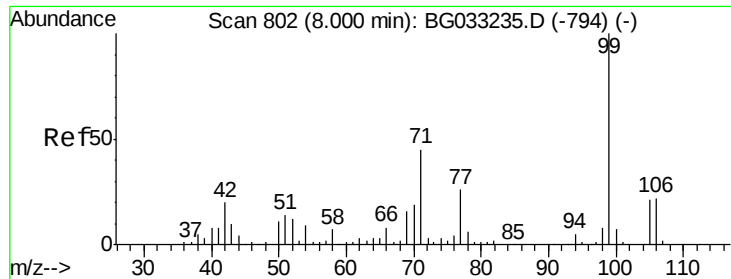
2-Fluorophenol
 Concen: 67.661 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BG033333.D
 Acq: 26 Mar 2018 17:25

Tgt Ion:112 Resp: 137175
 Ion Ratio Lower Upper
 112 100
 64 66.3 56.3 84.5
 63 39.4 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: 35.933 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033333.D

Acq: 26 Mar 2018 17:25

Instrument :

BNA_G

ClientSampleId :

C-MW-05-031918

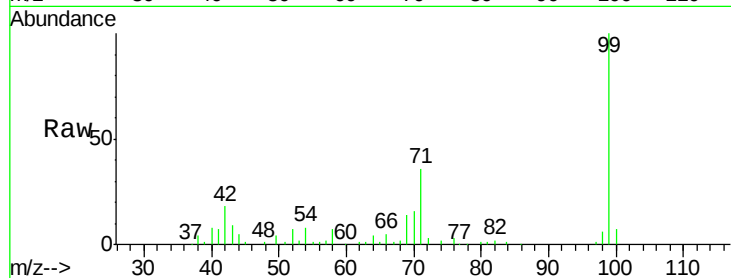
Tgt Ion: 99 Resp: 125171

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

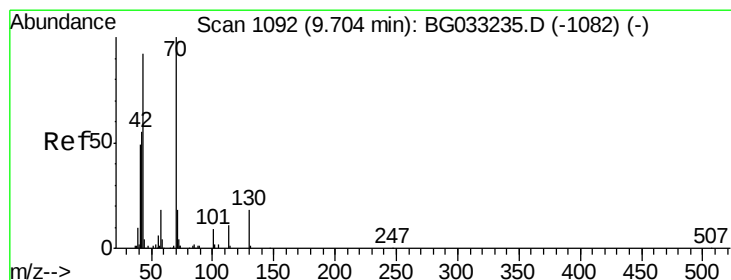
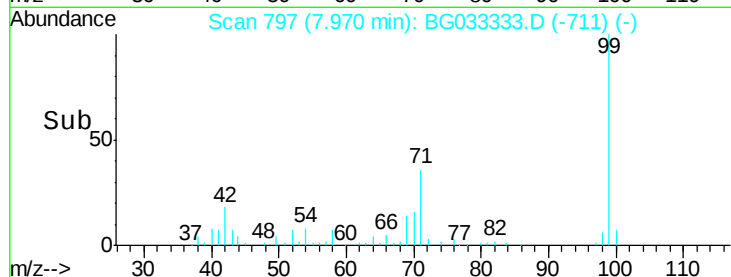
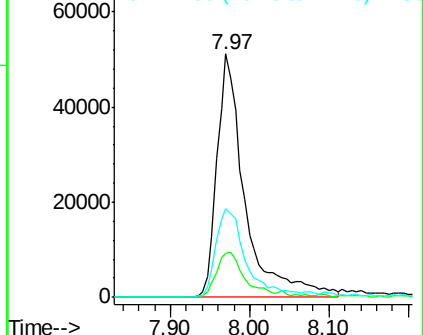
71 36.4 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.822 ng

RT: 10.07 min Scan# 1154

Delta R.T. 0.37 min

Lab File: BG033333.D

Acq: 26 Mar 2018 17:25

Tgt Ion: 70 Resp: 45492

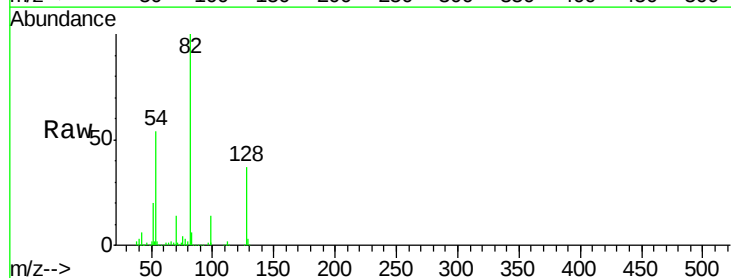
Ion Ratio Lower Upper

70 100

42 43.4 49.1 73.7#

101 0.0 8.5 12.7#

130 1.1 13.4 20.0#

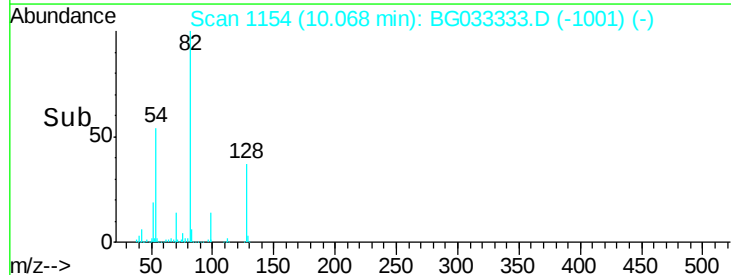
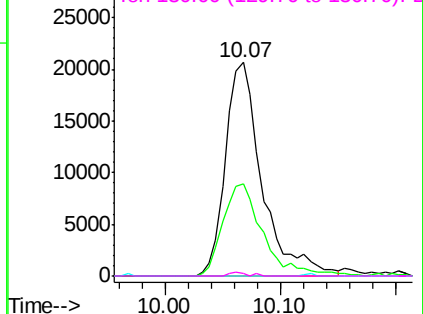


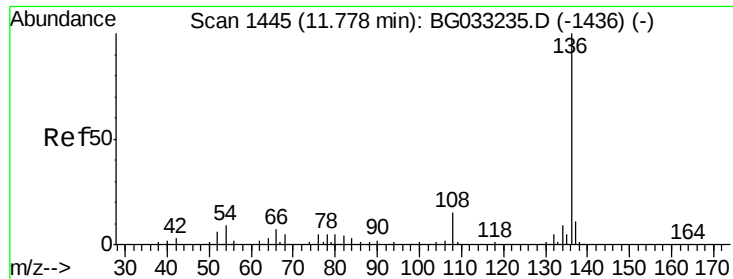
Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033333.D

Acq: 26 Mar 2018 17:25

Instrument :

BNA_G

ClientSampleId :

C-MW-05-031918

Tgt Ion: 136 Resp: 159734

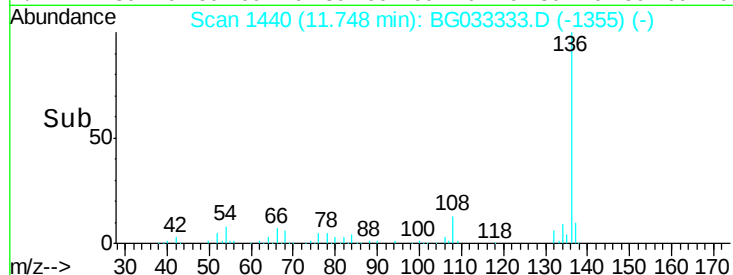
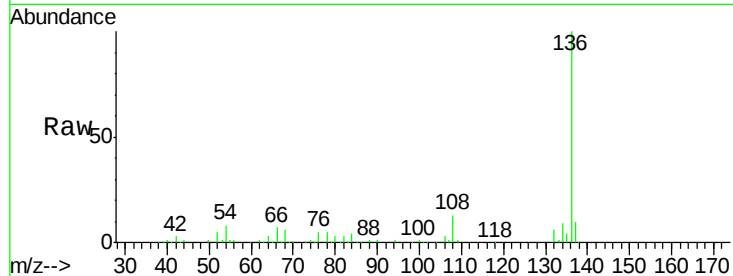
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 8.2 10.3 15.5#

68 6.0 4.5 6.7

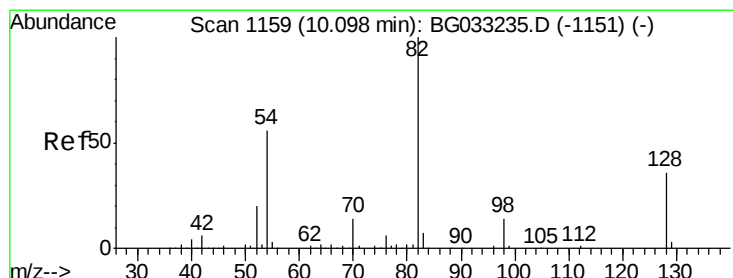
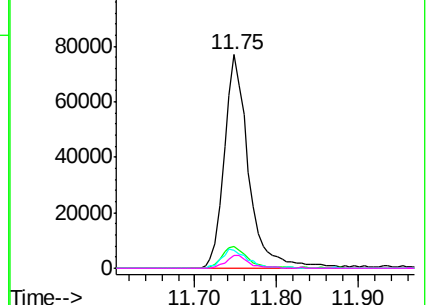


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.746 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.03 min

Lab File: BG033333.D

Acq: 26 Mar 2018 17:25

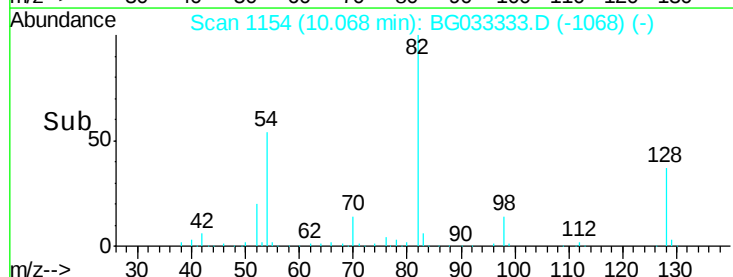
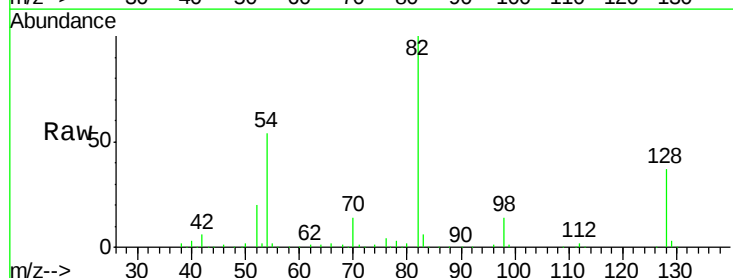
Tgt Ion: 82 Resp: 339835

Ion Ratio Lower Upper

82 100

128 36.6 29.7 44.5

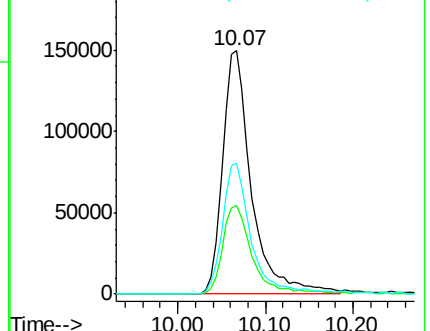
54 53.6 43.1 64.7

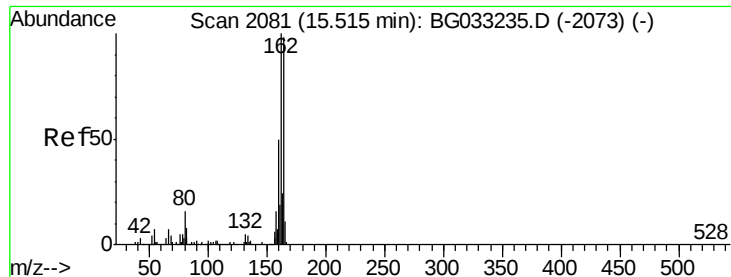


Abundance Ion 82.00 (81.70 to 82.70): BGC

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# 2076

Delta R.T. -0.03 min

Lab File: BG033333.D

Acq: 26 Mar 2018 17:25

Instrument :

BNA_G

ClientSampleId :

C-MW-05-031918

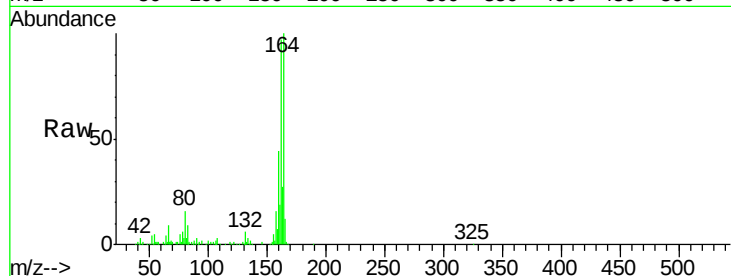
Tgt Ion:164 Resp: 126833

Ion Ratio Lower Upper

164 100

162 96.8 78.8 118.2

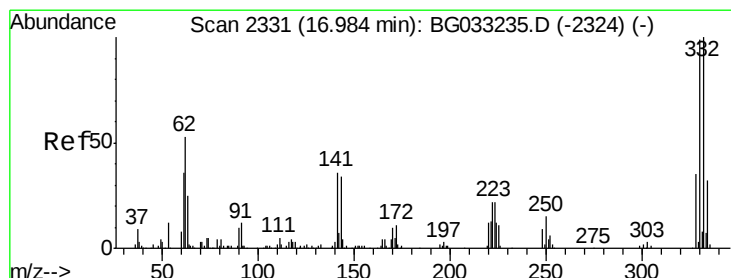
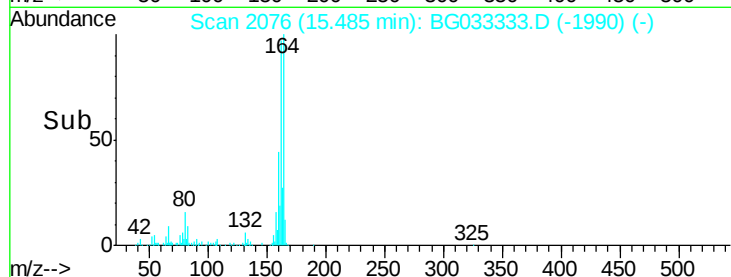
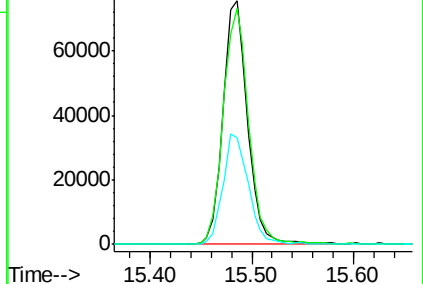
160 43.6 35.4 53.0



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: 163.700 ng

RT: 16.96 min Scan# 2327

Delta R.T. -0.03 min

Lab File: BG033333.D

Acq: 26 Mar 2018 17:25

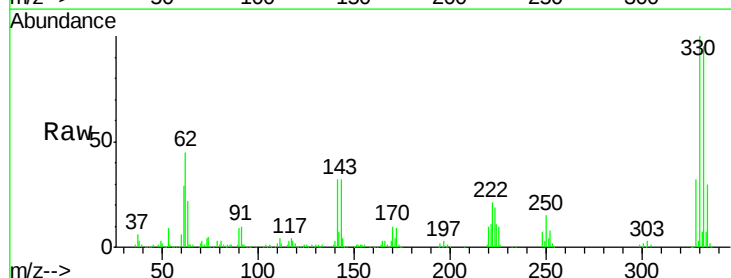
Tgt Ion:330 Resp: 310528

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

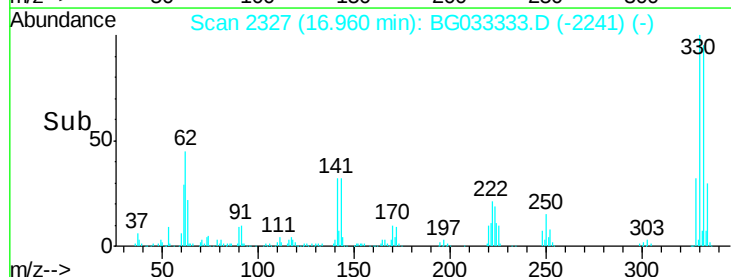
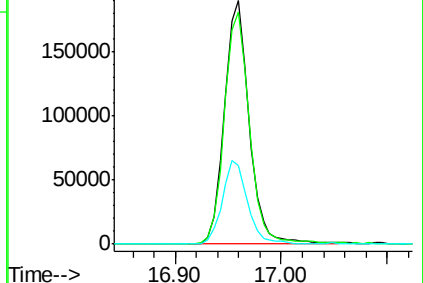
141 34.6 25.2 37.8

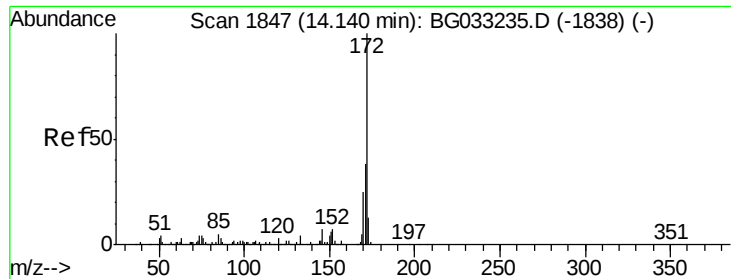


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 93.269 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.03 min

Lab File: BG033333.D

Acq: 26 Mar 2018 17:25

Instrument :

BNA_G

ClientSampleId :

C-MW-05-031918

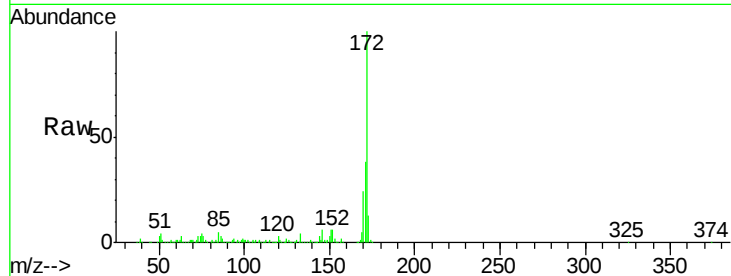
Tgt Ion:172 Resp: 819432

Ion Ratio Lower Upper

172 100

171 37.9 30.0 45.0

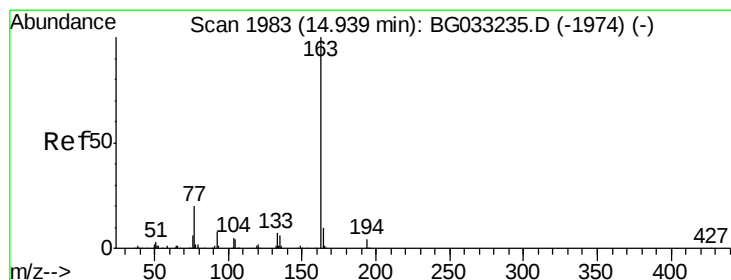
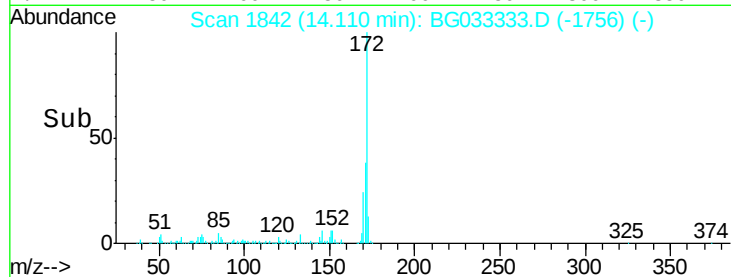
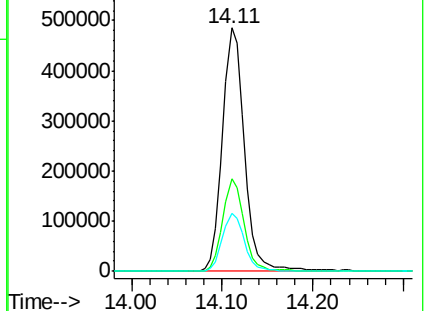
170 24.1 19.5 29.3



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



#49

Dimethylphthalate

Concen: 3.213 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.03 min

Lab File: BG033333.D

Acq: 26 Mar 2018 17:25

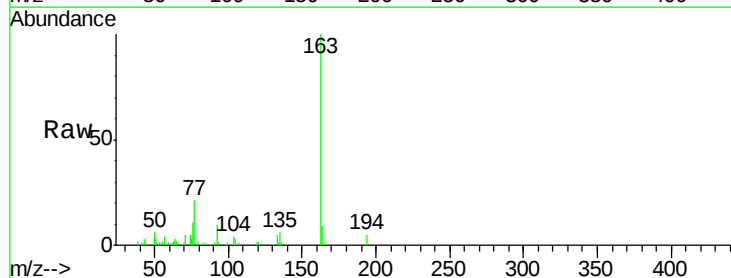
Tgt Ion:163 Resp: 35464

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

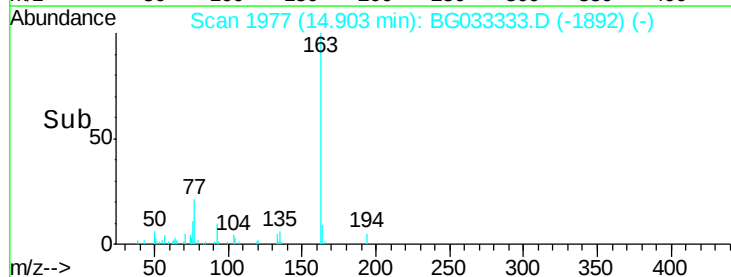
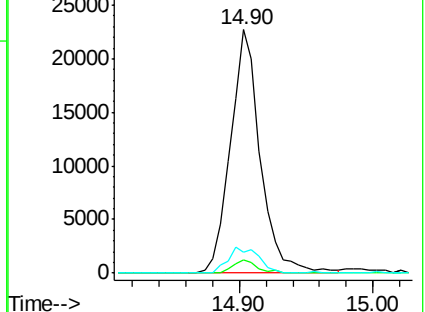
164 8.8 8.2 12.4

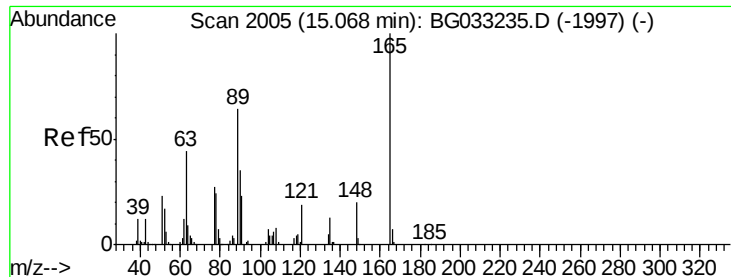


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

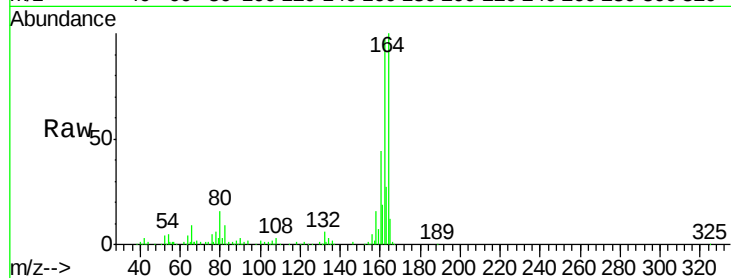




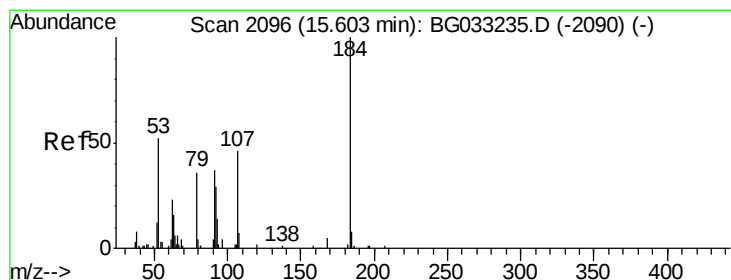
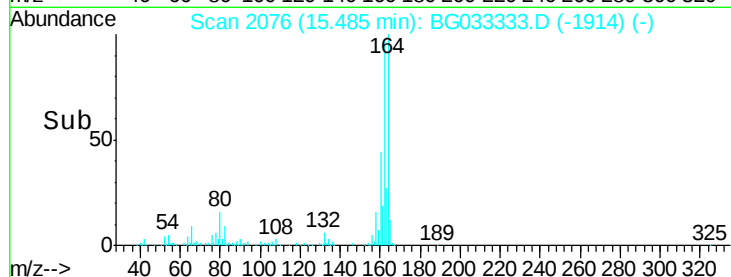
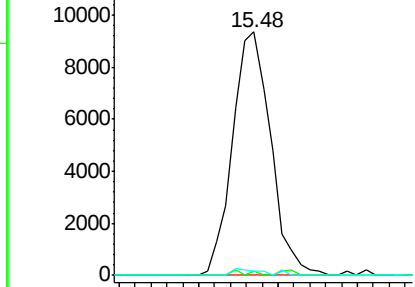
#50
2,6-Dinitrotoluene
Concen: 6.910 ng
RT: 15.48 min Scan# 2076
Delta R.T. 0.42 min
Lab File: BG033333.D
Acq: 26 Mar 2018 17:25

Instrument :
BNA_G
ClientSampleId :
C-MW-05-031918

Tgt Ion:165 Resp: 15595
Ion Ratio Lower Upper
165 100
63 1.7 52.7 79.1#
89 1.7 49.2 73.8#

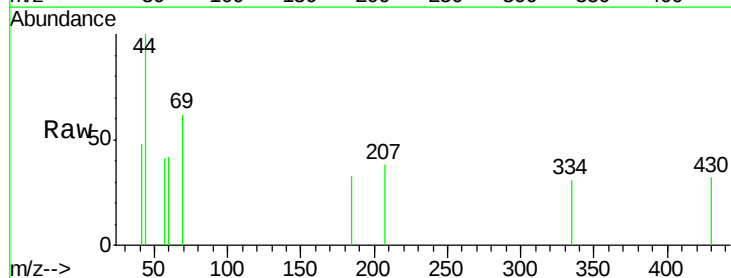


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

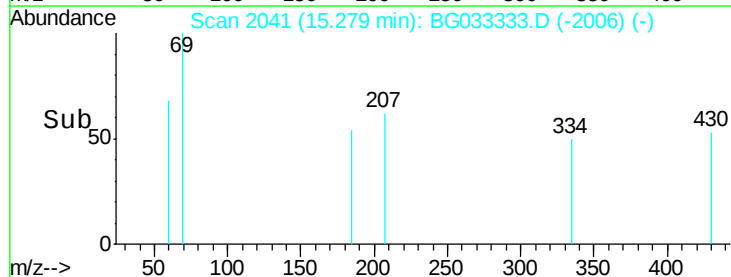
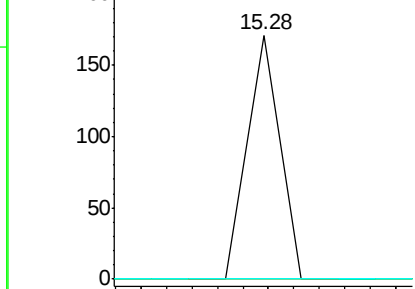


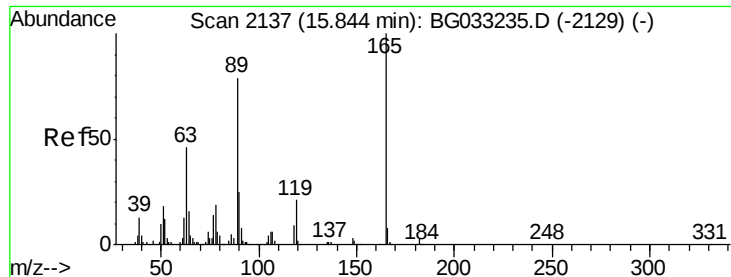
#53
2,4-Dinitrophenol
Concen: 7.689 ng
RT: 15.28 min Scan# 2041
Delta R.T. -0.33 min
Lab File: BG033333.D
Acq: 26 Mar 2018 17:25

Tgt Ion:184 Resp: 60
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

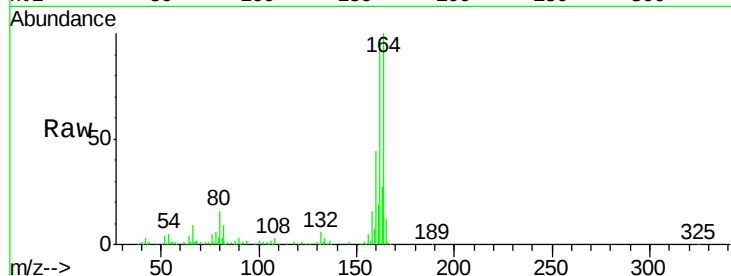




#56
 2,4-Dinitrotoluene
 Concen: 4.693 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. -0.36 min
 Lab File: BG033333.D
 Acq: 26 Mar 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-05-031918

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#

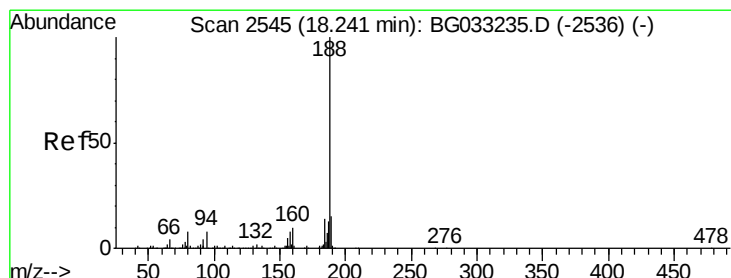
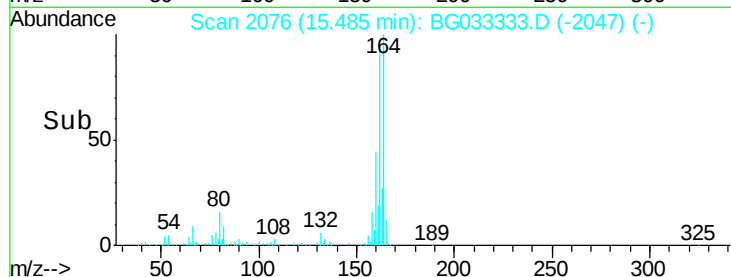
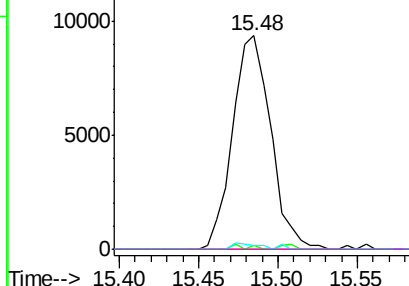


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

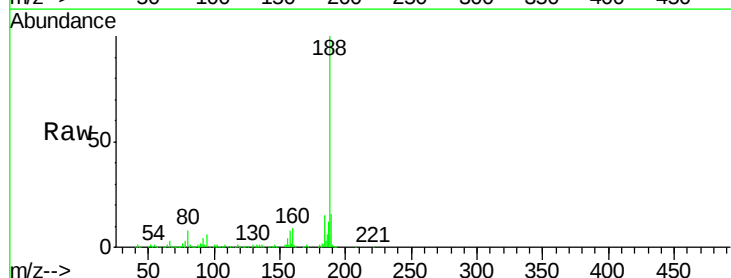
Ion 89.00 (88.70 to 89.70): BGC

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: BG033333.D
 Acq: 26 Mar 2018 17:25

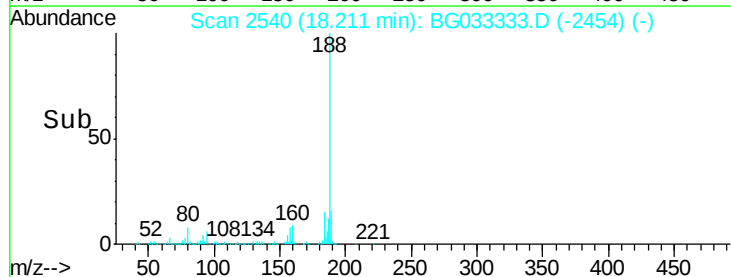
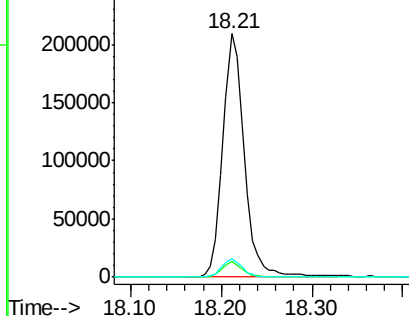
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.6	7.7	11.5#

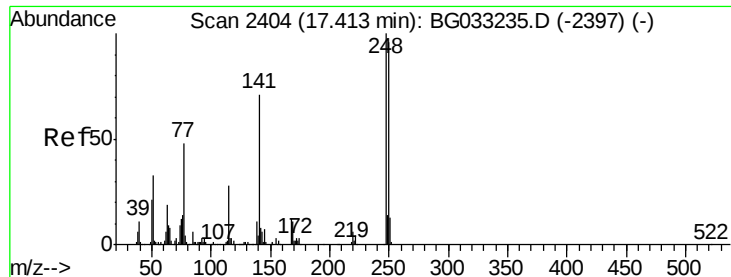


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

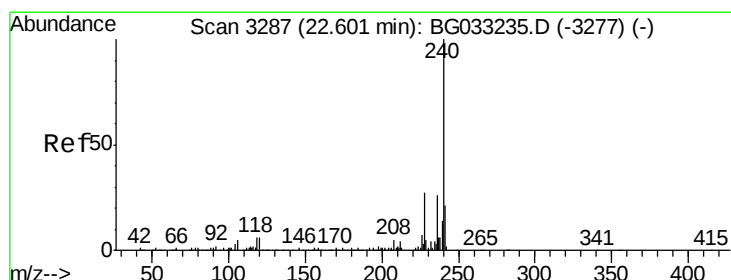
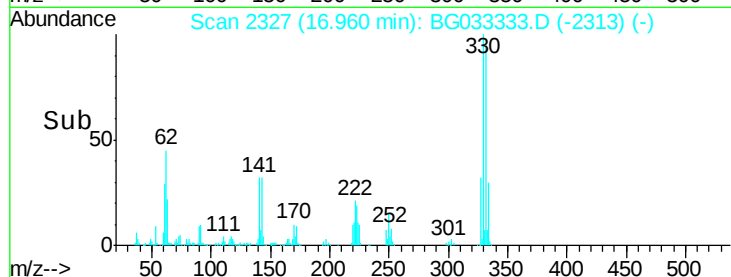
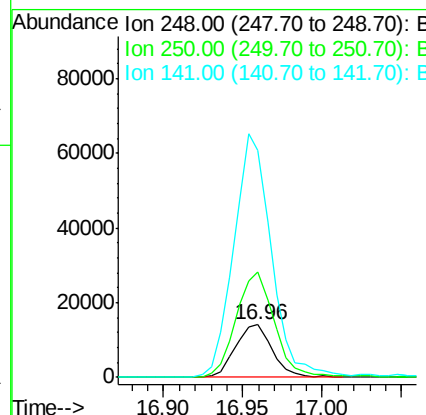
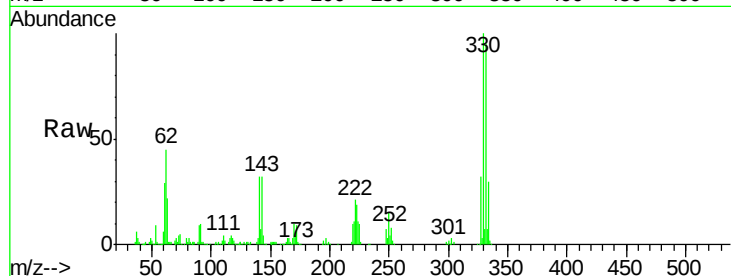




#66
 4-Bromophenyl-phenylether
 Concen: 5.581 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.45 min
 Lab File: BG033333.D
 Acq: 26 Mar 2018 17:25

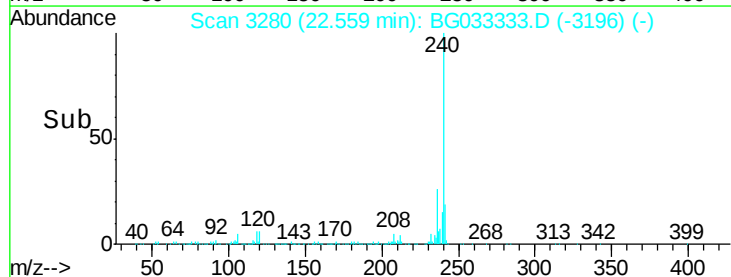
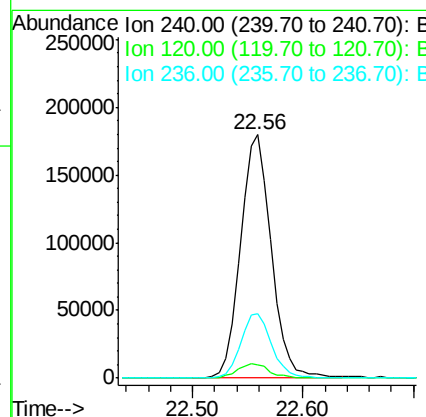
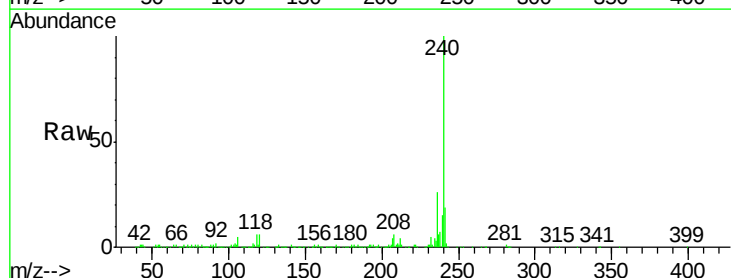
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-05-031918

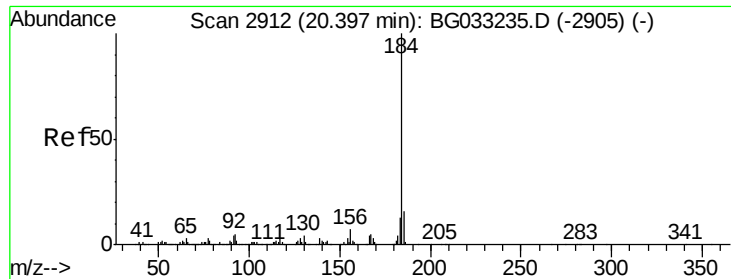
Tgt Ion:248 Resp: 22614
 Ion Ratio Lower Upper
 248 100
 250 202.3 77.1 115.7#
 141 434.7 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. -0.04 min
 Lab File: BG033333.D
 Acq: 26 Mar 2018 17:25

Tgt Ion:240 Resp: 352828
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 26.5 20.9 31.3

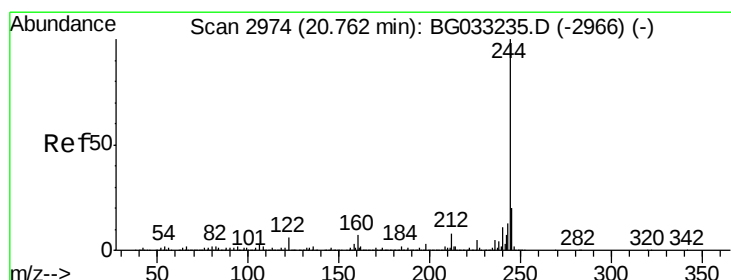
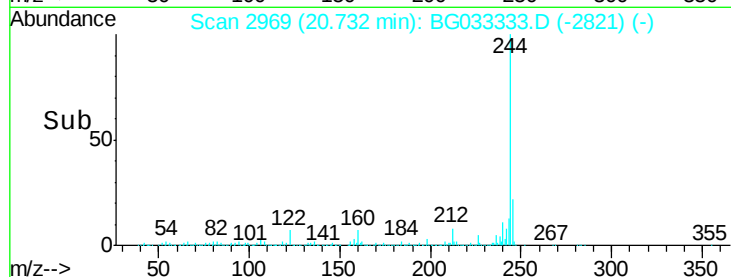
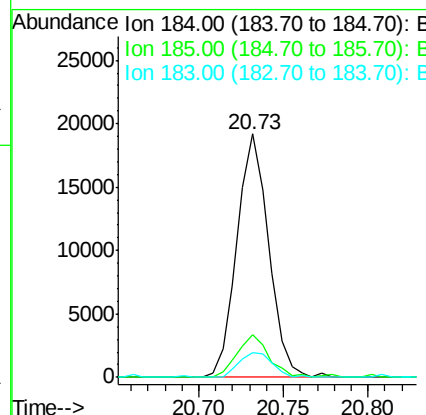
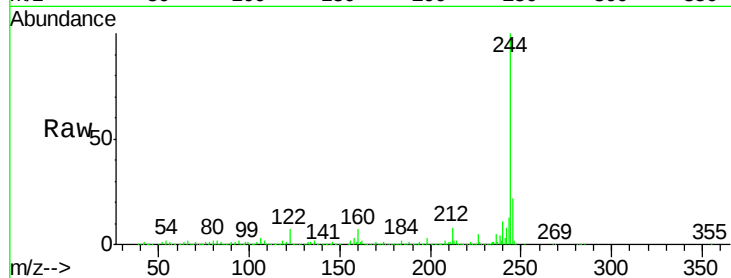




#76
Benzidine
Concen: 2.625 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.34 min
Lab File: BG033333.D
Acq: 26 Mar 2018 17:25

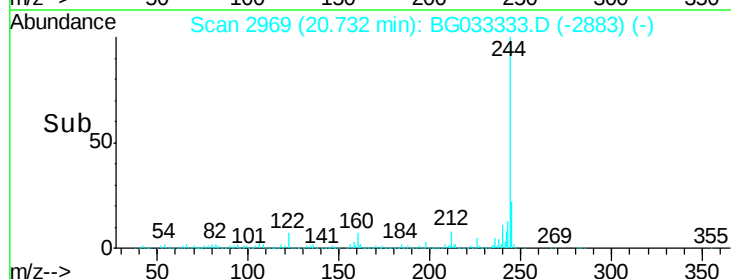
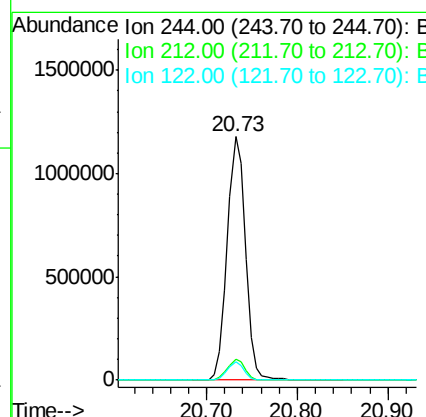
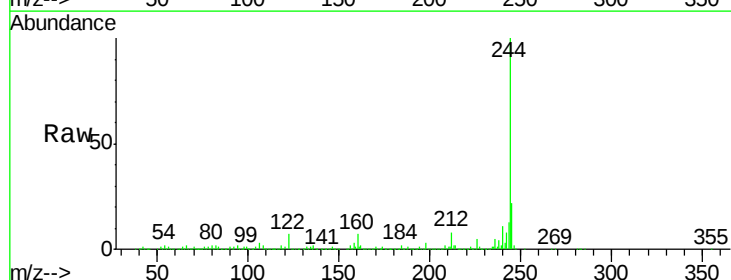
Instrument :
BNA_G
ClientSampleId :
C-MW-05-031918

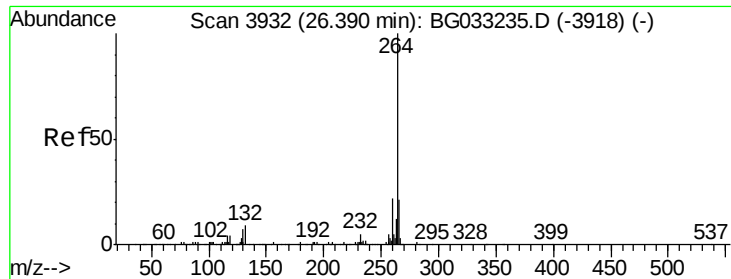
Tgt Ion:184 Resp: 25121
Ion Ratio Lower Upper
184 100
185 17.6 11.1 16.7#
183 10.2 10.6 16.0#



#78
Terphenyl-d14
Concen: 99.408 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.03 min
Lab File: BG033333.D
Acq: 26 Mar 2018 17:25

Tgt Ion:244 Resp: 1640038
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 7.5 7.0 10.4

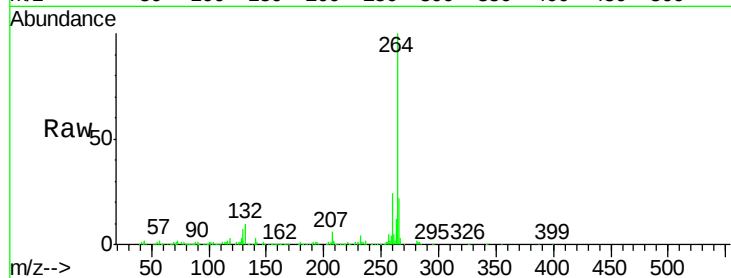




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.07 min
Lab File: BG033333.D
Acq: 26 Mar 2018 17:25

Instrument :
BNA_G
ClientSampleId :
C-MW-05-031918

Tgt Ion:	264	Resp:	381821
Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.0	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

