

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033330.D
 Acq On : 26 Mar 2018 15:32
 Operator : SJ/JU
 Sample : J1994-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04-031918

Quant Time: Mar 26 18:25:39 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

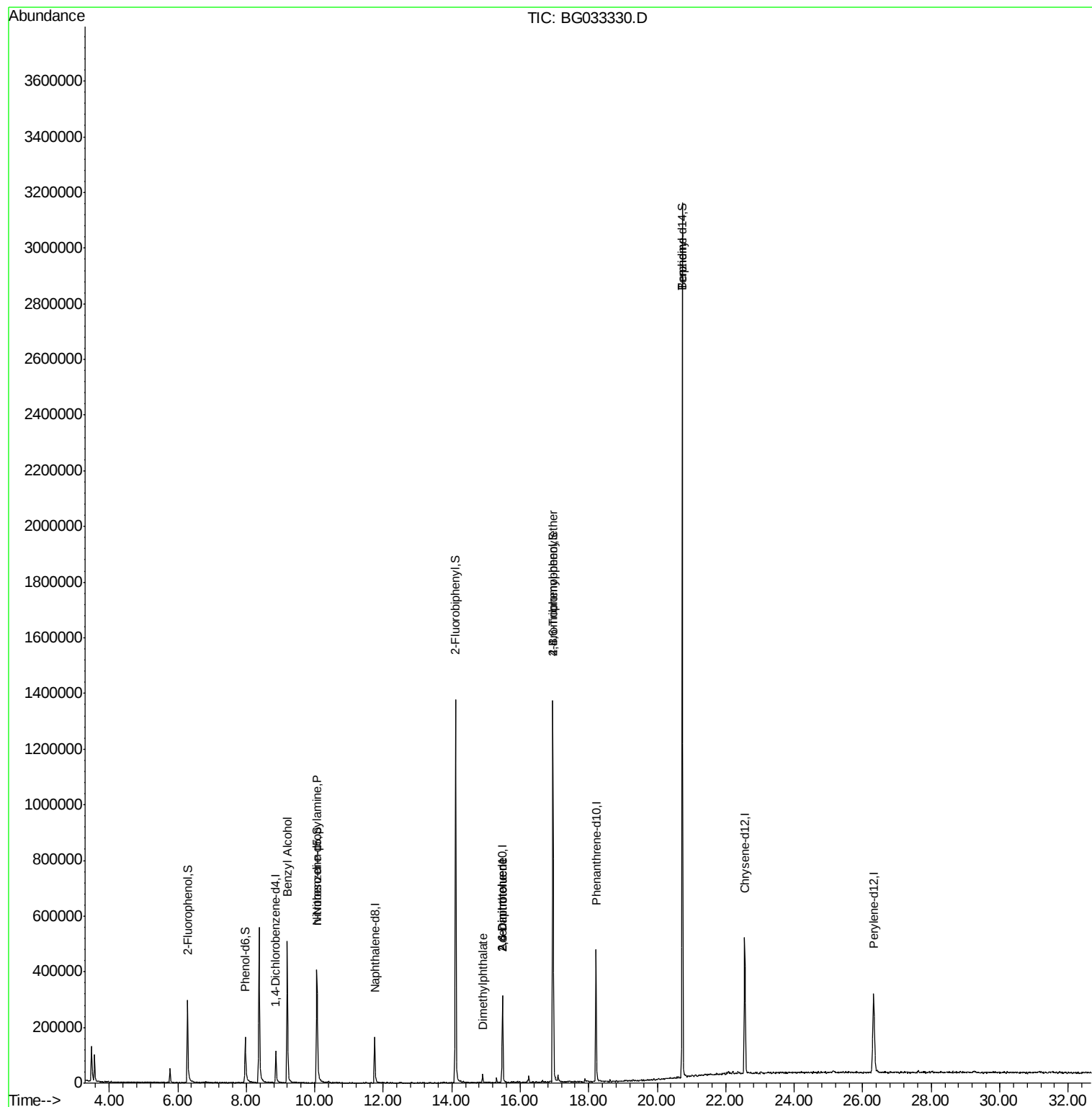
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38581	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	161488	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	119315	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	334283	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	369087	20.00	ng	-0.04
86) Perylene-d12	26.32	264	397595	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	149066	72.45	ng	-0.03
7) Phenol-d6	7.97	99	135103	38.22	ng	-0.03
23) Nitrobenzene-d5	10.06	82	326047	92.76	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	289695	162.34	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	766574	92.75	ng	-0.03
78) Terphenyl-d14	20.73	244	1551514	89.90	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	9.20	79	5632	2.023	ng	# 46
19) n-Nitroso-di-n-propylamine	10.06	70	43659	16.854	ng	# 79
49) Dimethylphthalate	14.90	163	21442	2.065	ng	# 98
50) 2,6-Dinitrotoluene	15.49	165	15285	7.199	ng	# 22
56) 2,4-Dinitrotoluene	15.49	165	15284	4.889	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	22611	5.760	ng	# 1
76) Benizidine	20.73	184	26079	2.606	ng	# 95

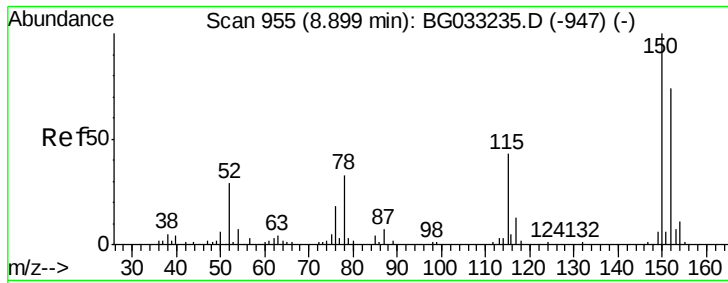
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033330.D
Acq On : 26 Mar 2018 15:32
Operator : SJ/JU
Sample : J1994-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-MW-04-031918

Quant Time: Mar 26 18:25:39 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



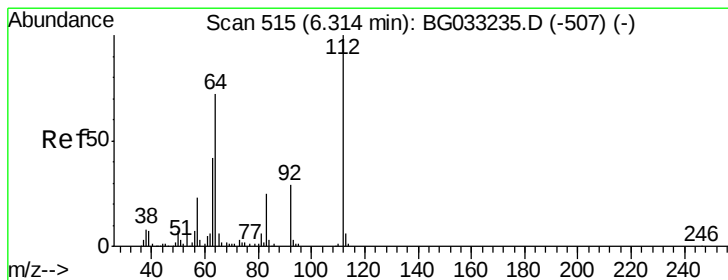
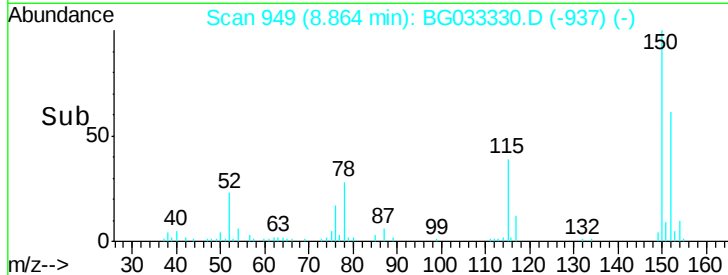
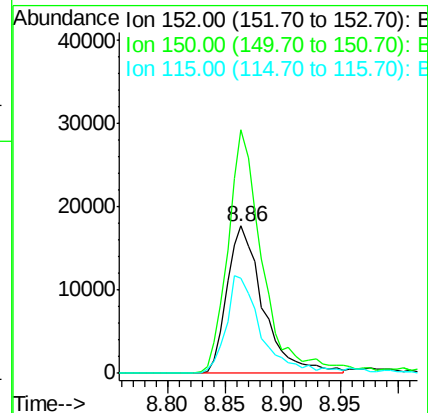
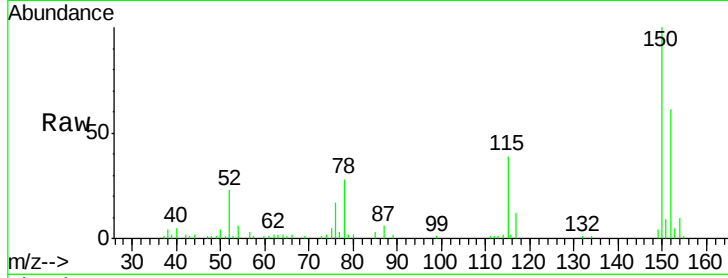


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033330.D
Acq: 26 Mar 2018 15:32

Instrument :
BNA_G
ClientSampleId :
PR-MW-04-031918

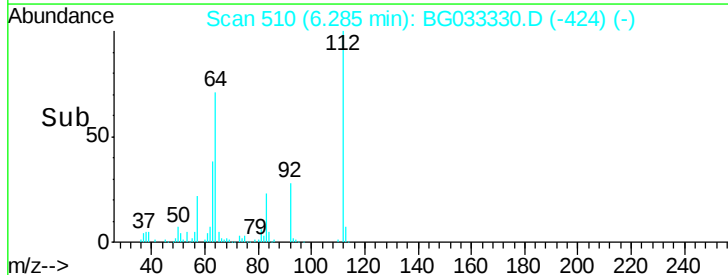
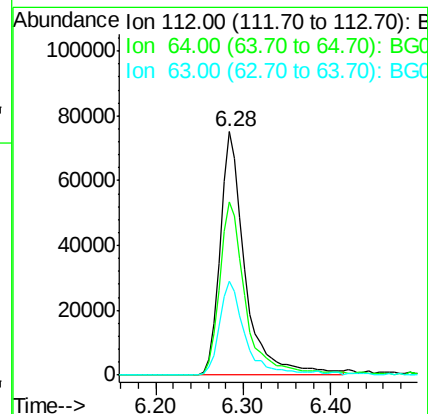
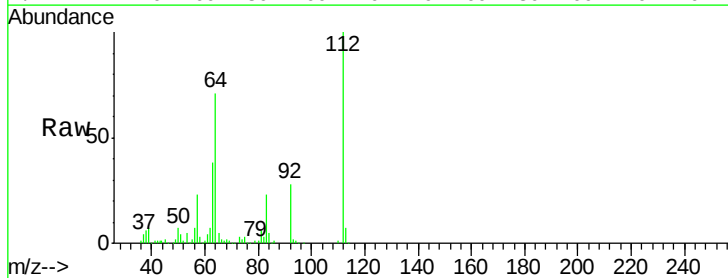
Tgt Ion:152 Resp: 38581
Ion Ratio Lower Upper
152 100
150 165.1 126.6 189.8
115 64.1 53.0 79.4

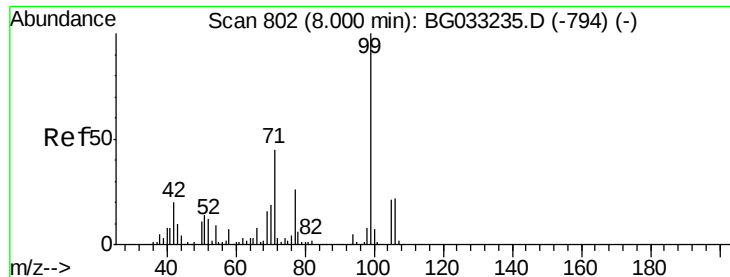


#5

2-Fluorophenol
Concen: 72.449 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.03 min
Lab File: BG033330.D
Acq: 26 Mar 2018 15:32

Tgt Ion:112 Resp: 149066
Ion Ratio Lower Upper
112 100
64 71.3 56.3 84.5
63 38.4 30.1 45.1





#7

Phenol-d6

Concen: 38.216 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033330.D

Acq: 26 Mar 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PR-MW-04-031918

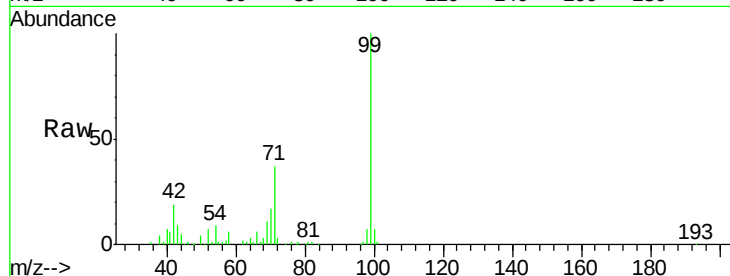
Tgt Ion: 99 Resp: 135103

Ion Ratio Lower Upper

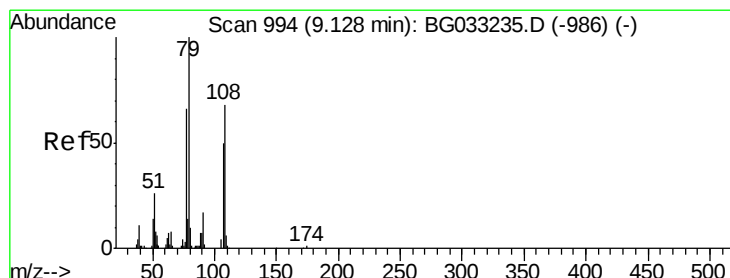
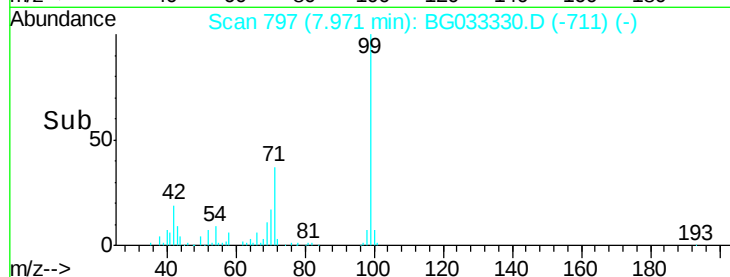
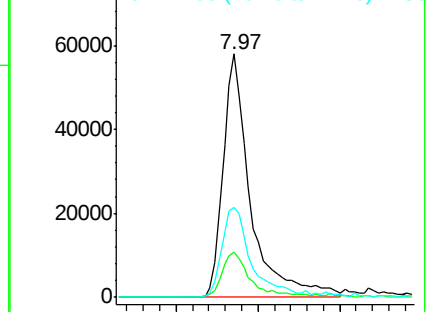
99 100

42 18.8 14.1 21.1

71 36.9 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: 2.023 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.07 min

Lab File: BG033330.D

Acq: 26 Mar 2018 15:32

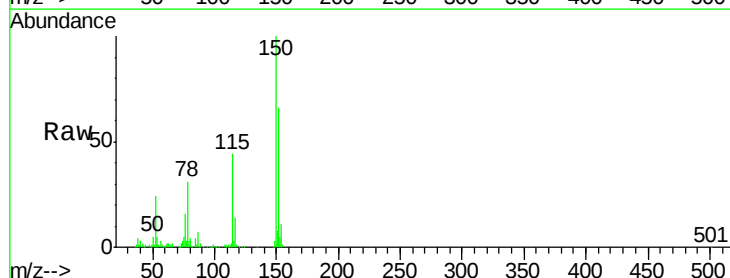
Tgt Ion: 79 Resp: 5632

Ion Ratio Lower Upper

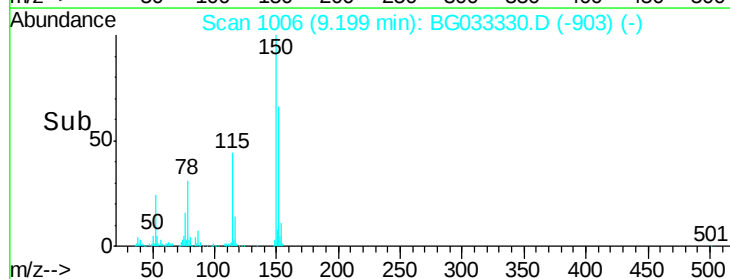
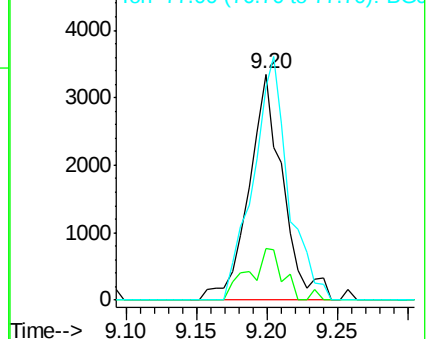
79 100

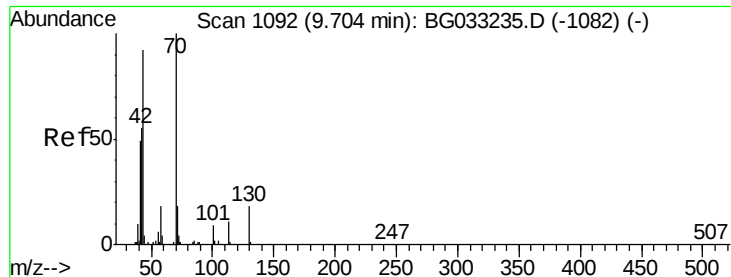
108 22.8 57.2 85.8#

77 94.1 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

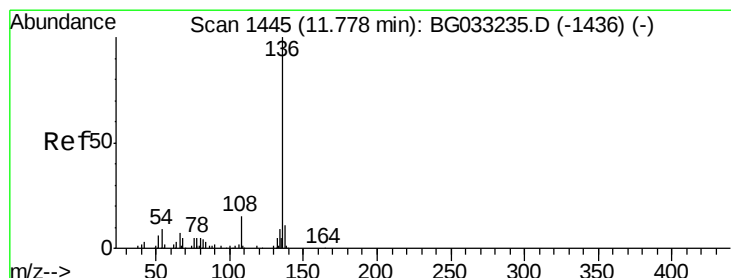
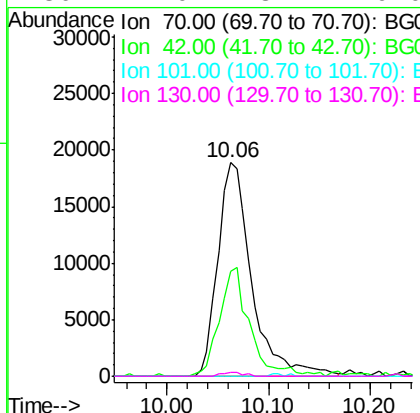
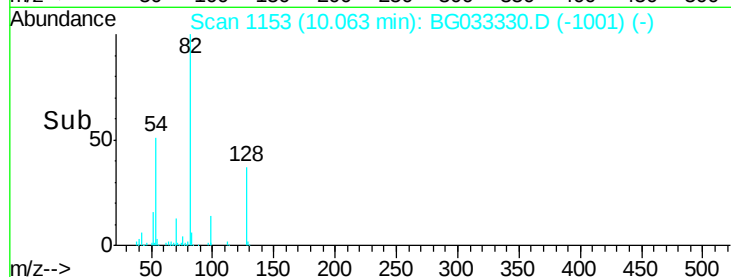
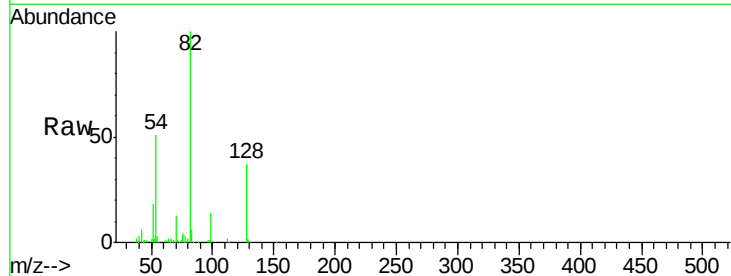




#19
n-Nitroso-di-n-propylamine
Concen: 16.854 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.36 min
Lab File: BG033330.D
Acq: 26 Mar 2018 15:32

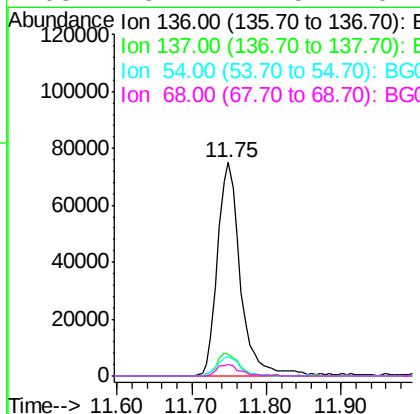
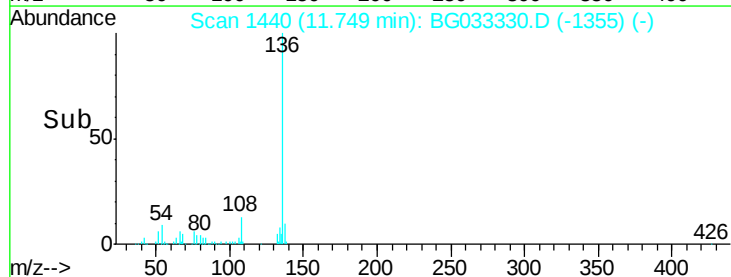
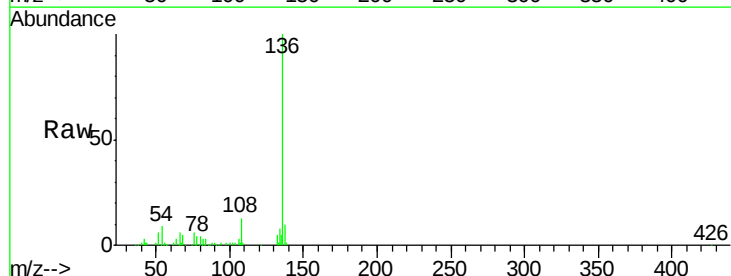
Instrument :
BNA_G
ClientSampleId :
PR-MW-04-031918

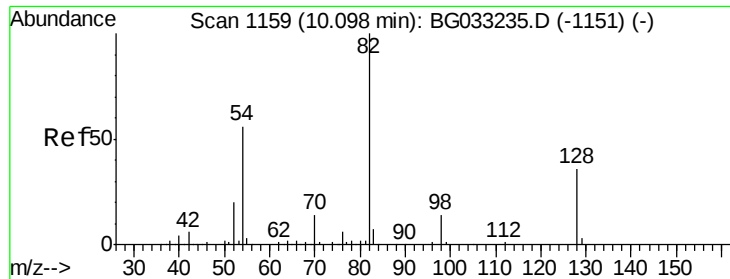
Tgt Ion: 70 Resp: 43659
Ion Ratio Lower Upper
70 100
42 48.9 49.1 73.7#
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033330.D
Acq: 26 Mar 2018 15:32

Tgt Ion: 136 Resp: 161488
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 8.7 10.3 15.5#
68 5.4 4.5 6.7

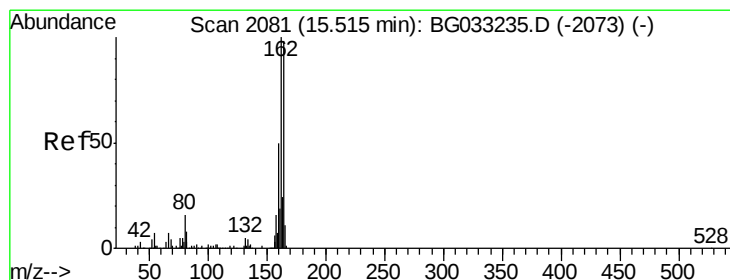
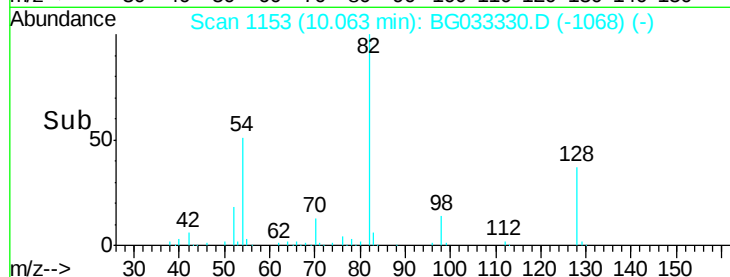
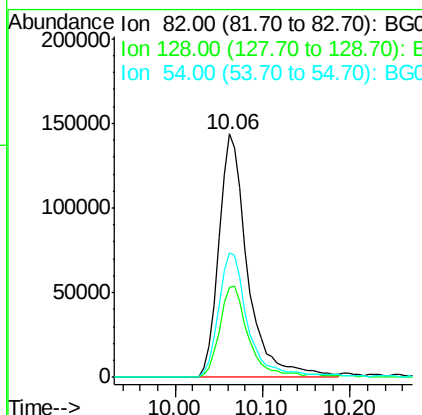
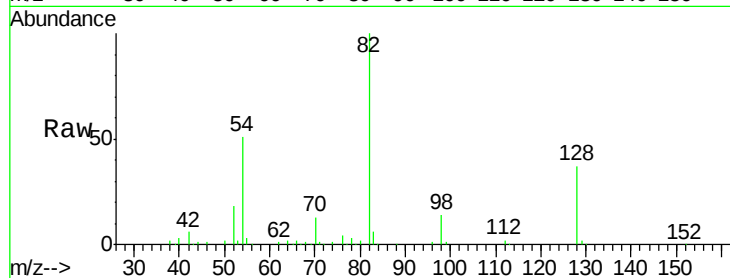




#23
Nitrobenzene-d5
Concen: 92.762 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BG033330.D
Acq: 26 Mar 2018 15:32

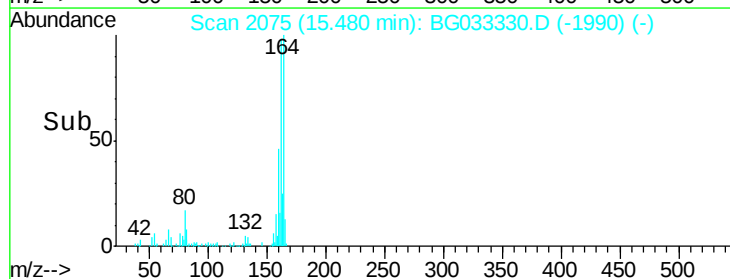
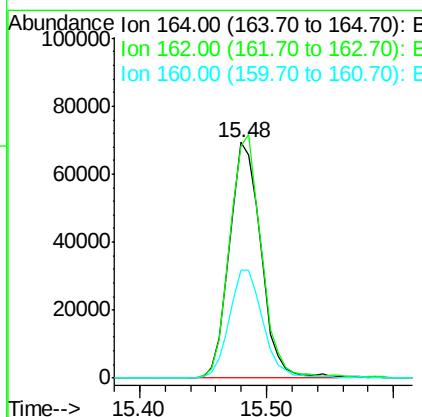
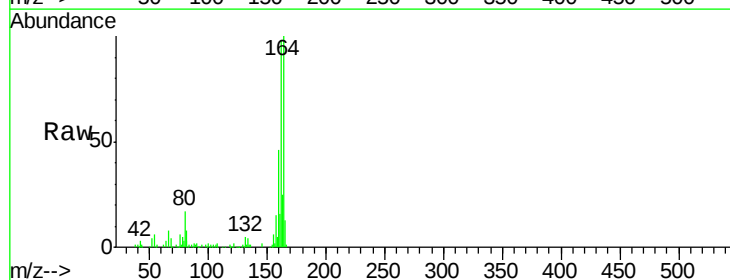
Instrument :
BNA_G
ClientSampleId :
PR-MW-04-031918

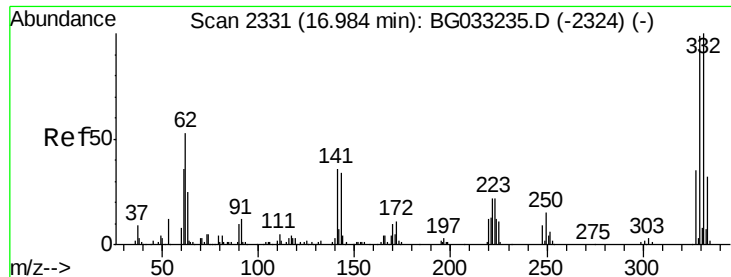
Tgt Ion: 82 Resp: 326047
Ion Ratio Lower Upper
82 100
128 36.7 29.7 44.5
54 51.0 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.03 min
Lab File: BG033330.D
Acq: 26 Mar 2018 15:32

Tgt Ion: 164 Resp: 119315
Ion Ratio Lower Upper
164 100
162 98.4 78.8 118.2
160 46.0 35.4 53.0

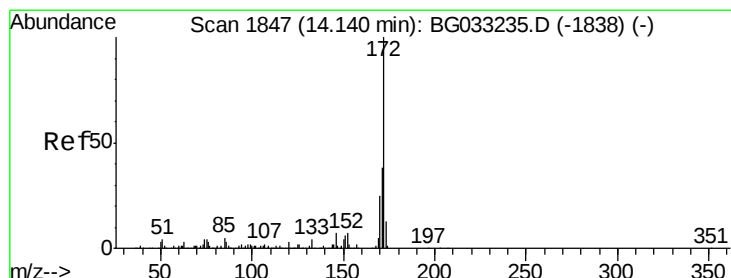
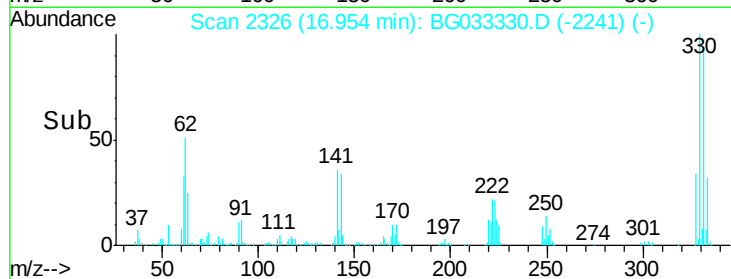
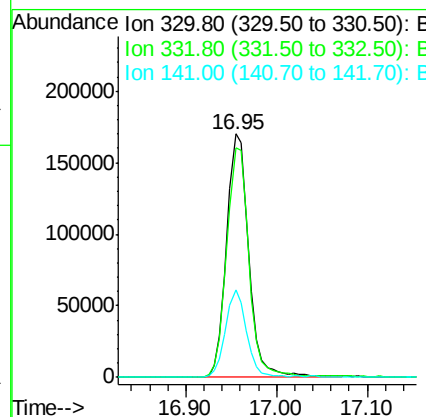
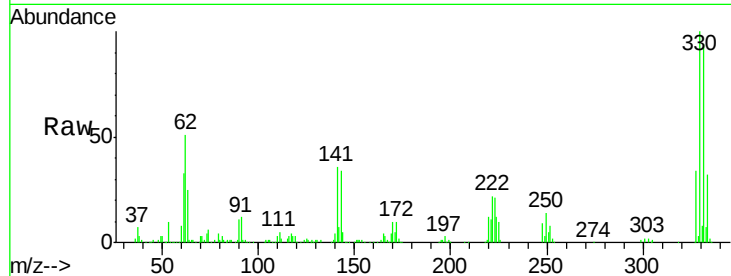




#41
 2,4,6-Tribromophenol
 Concen: 162.340 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033330.D
 Acq: 26 Mar 2018 15:32

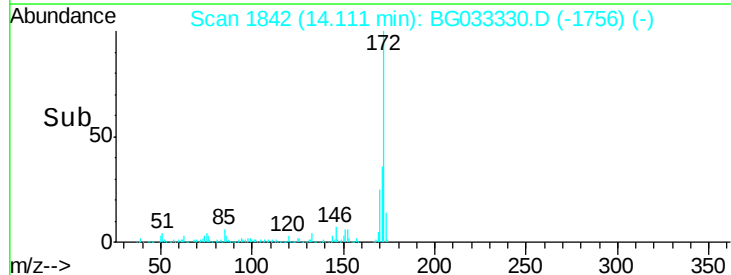
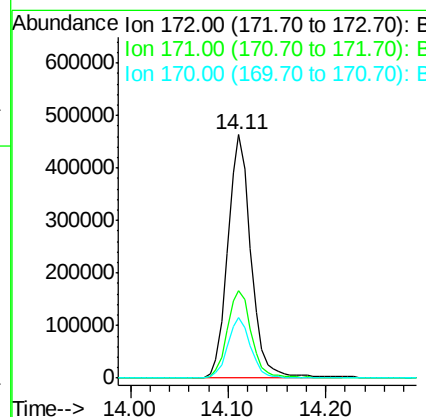
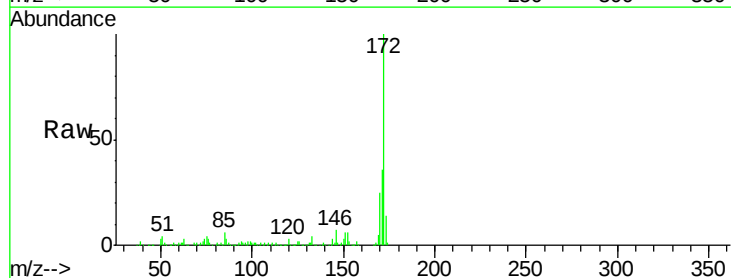
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04-031918

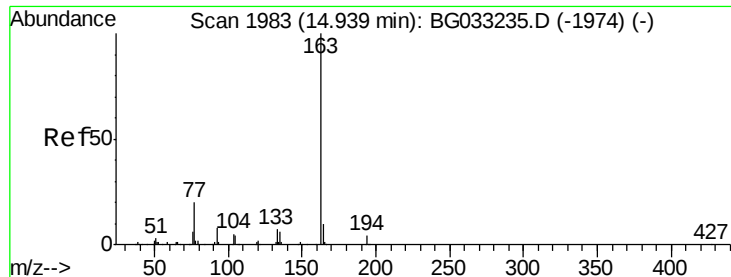
Tgt Ion:330 Resp: 289695
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 34.0 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 92.751 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033330.D
 Acq: 26 Mar 2018 15:32

Tgt Ion:172 Resp: 766574
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.0 45.0
 170 24.8 19.5 29.3





#49

Dimethylphthalate

Concen: 2.065 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.03 min

Lab File: BG033330.D

Acq: 26 Mar 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PR-MW-04-031918

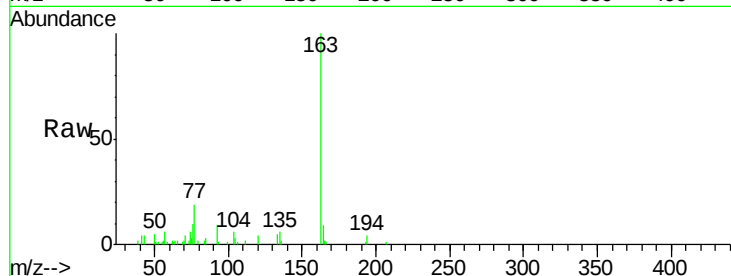
Tgt Ion:163 Resp: 21442

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

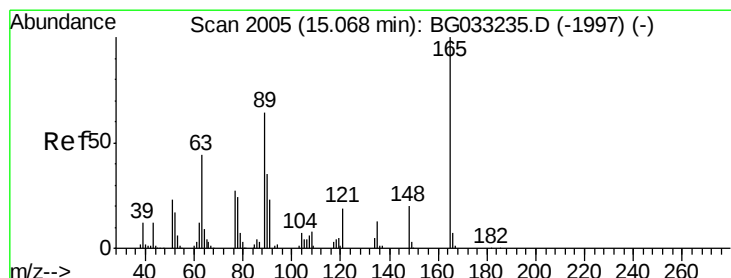
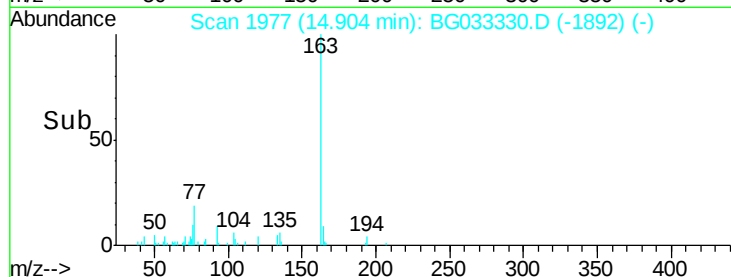
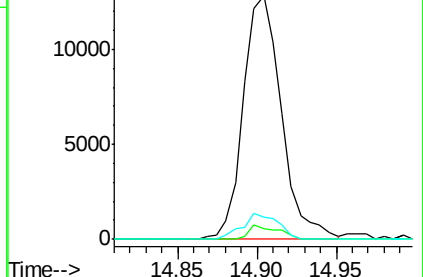
164 9.1 8.2 12.4



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: 7.199 ng

RT: 15.49 min Scan# 2076

Delta R.T. 0.42 min

Lab File: BG033330.D

Acq: 26 Mar 2018 15:32

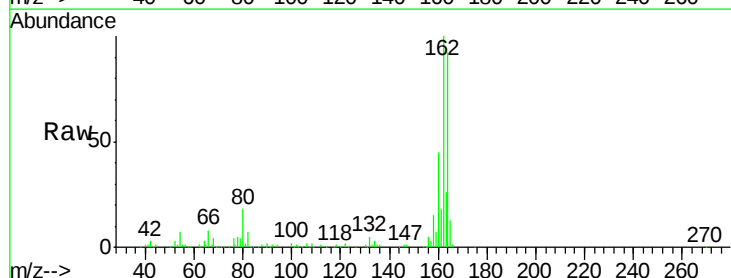
Tgt Ion:165 Resp: 15285

Ion Ratio Lower Upper

165 100

63 3.4 52.7 79.1#

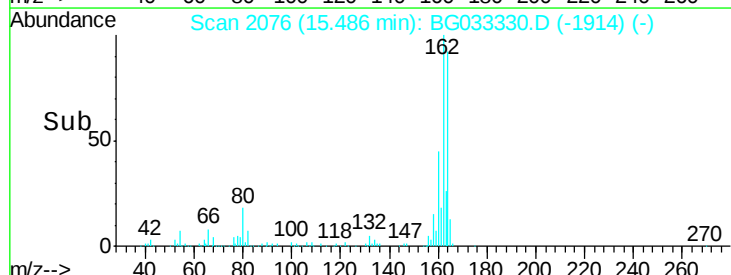
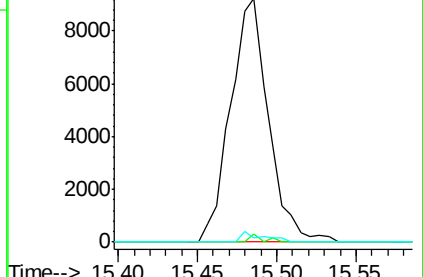
89 2.0 49.2 73.8#



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

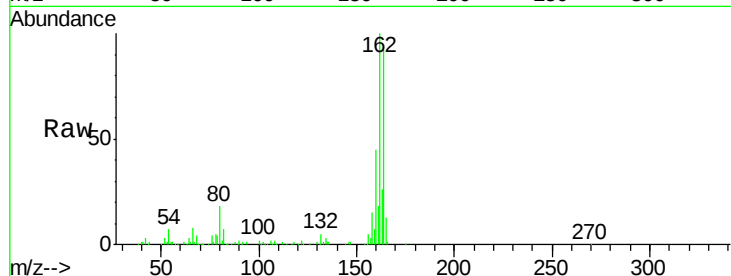




#56
 2,4-Dinitrotoluene
 Concen: 4.889 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.36 min
 Lab File: BG033330.D
 Acq: 26 Mar 2018 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04-031918

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.4	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#

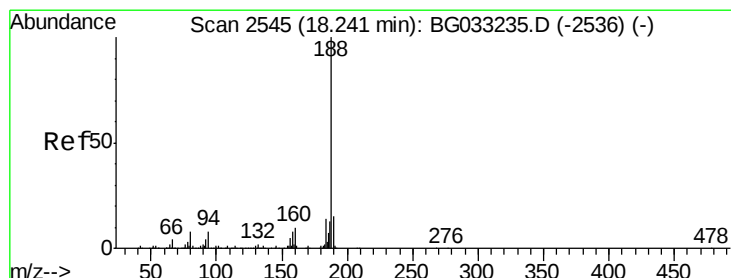
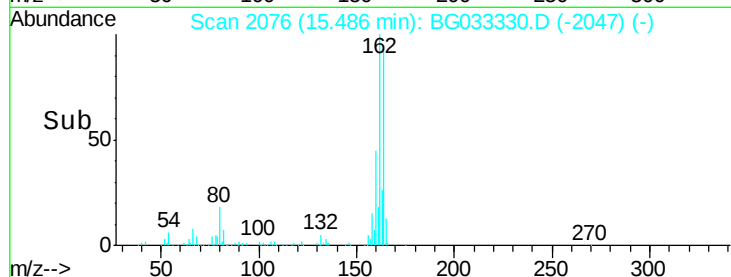
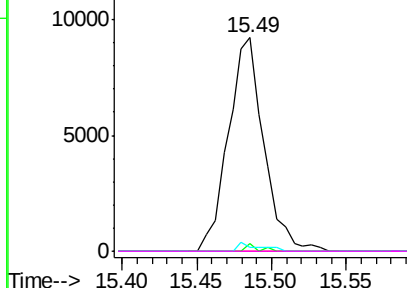


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

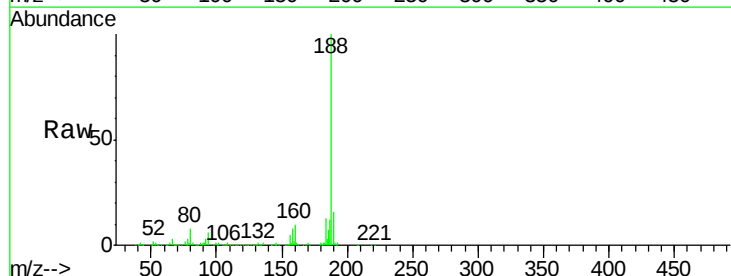
Ion 89.00 (88.70 to 89.70): BGC

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: BG033330.D
 Acq: 26 Mar 2018 15:32

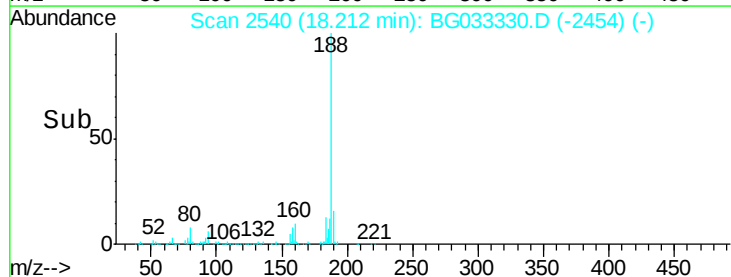
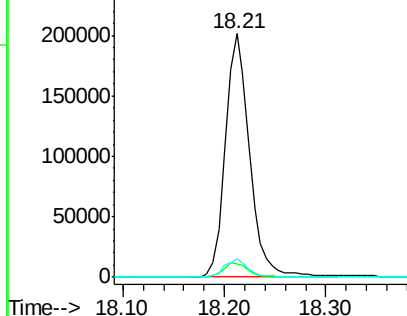
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	7.7	7.7	11.5#



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

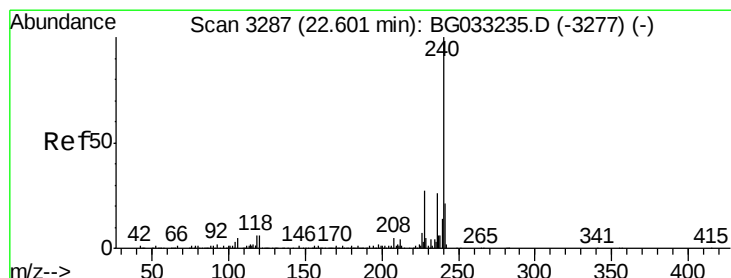
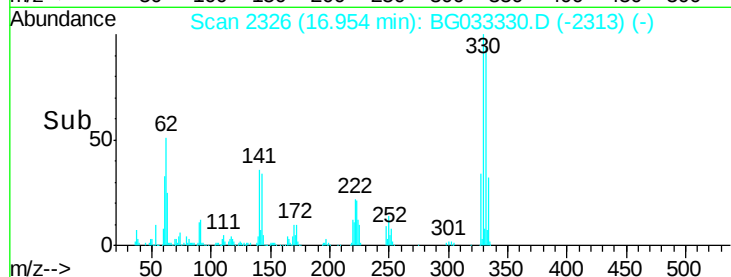
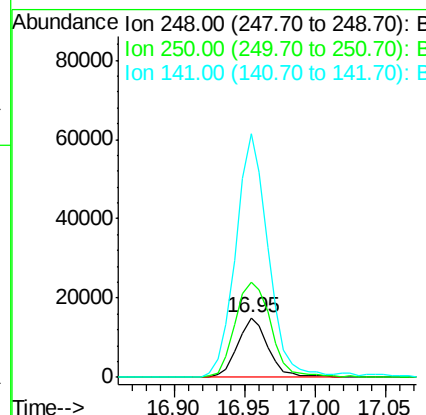
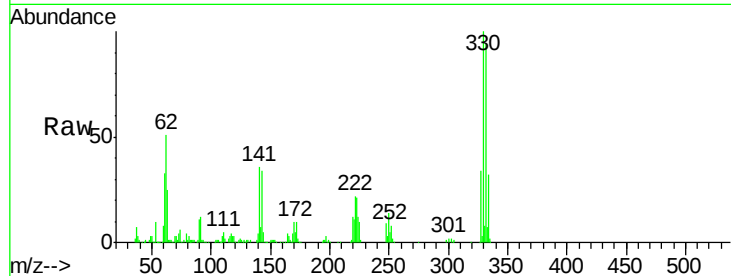




#66
 4-Bromophenyl-phenylether
 Concen: 5.760 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.46 min
 Lab File: BG033330.D
 Acq: 26 Mar 2018 15:32

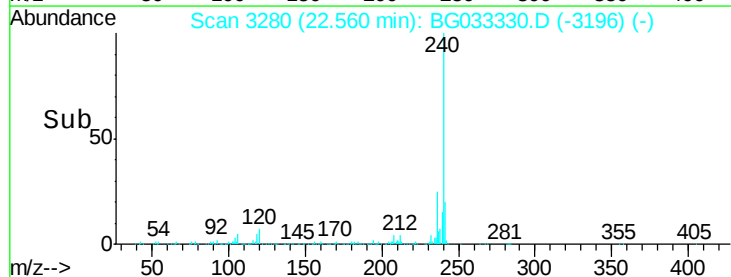
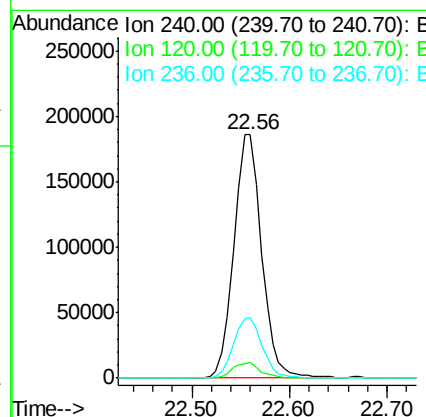
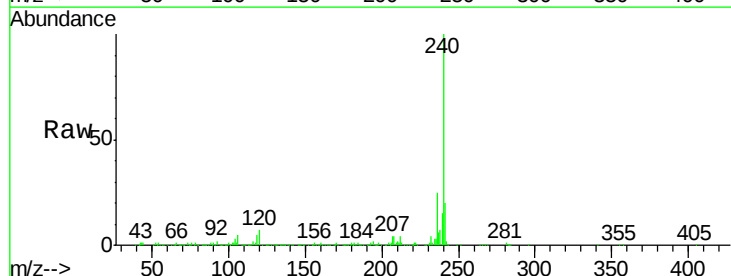
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04-031918

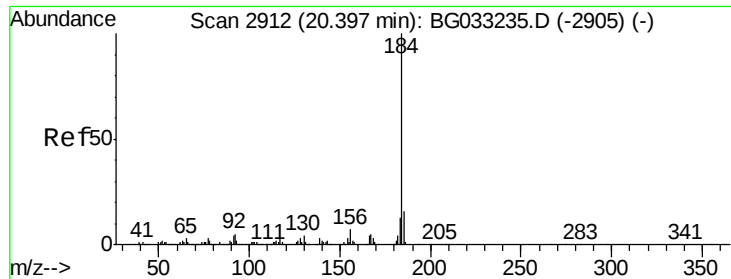
Tgt Ion:248 Resp: 22611
 Ion Ratio Lower Upper
 248 100
 250 159.8 77.1 115.7#
 141 408.8 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. -0.04 min
 Lab File: BG033330.D
 Acq: 26 Mar 2018 15:32

Tgt Ion:240 Resp: 369087
 Ion Ratio Lower Upper
 240 100
 120 6.5 6.8 10.2#
 236 24.6 20.9 31.3

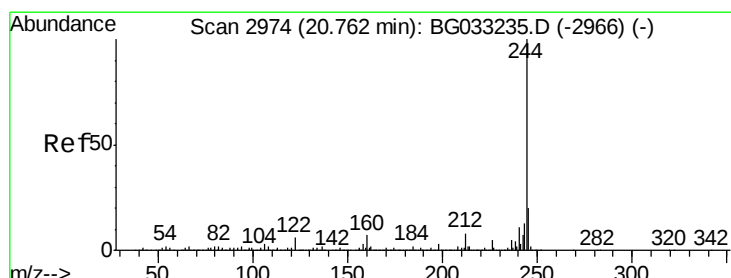
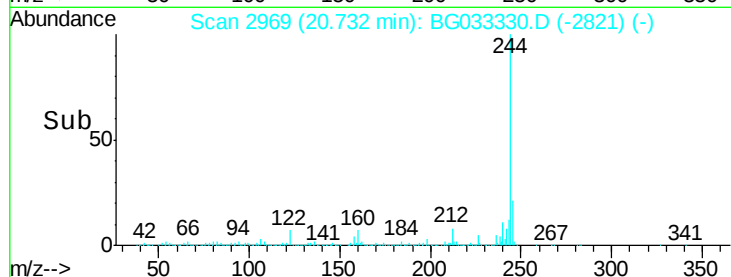
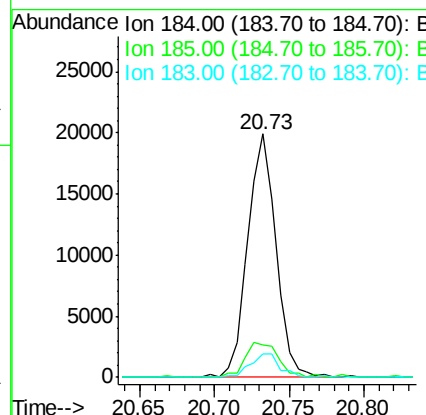
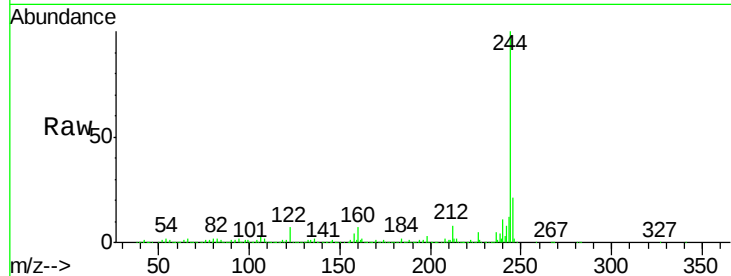




#76
Benzidine
Concen: 2.606 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.34 min
Lab File: BG033330.D
Acq: 26 Mar 2018 15:32

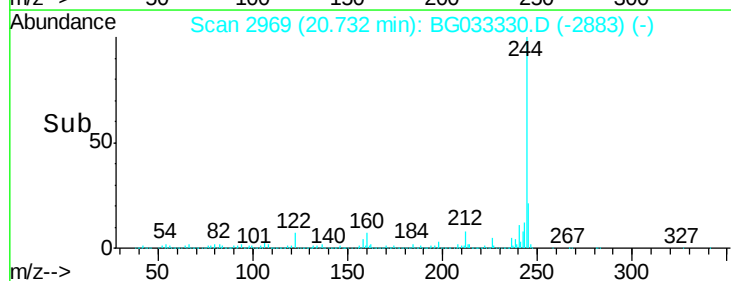
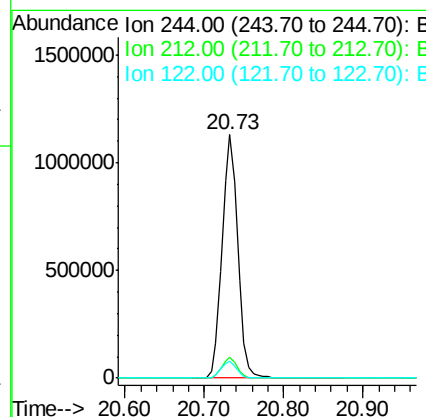
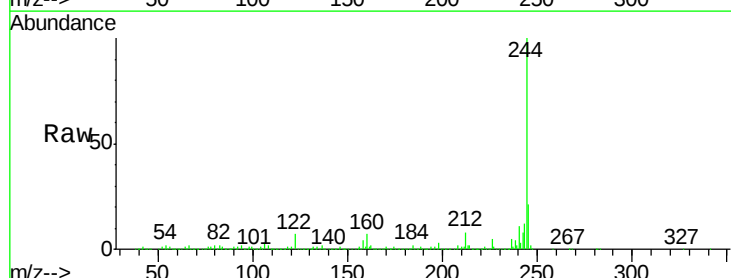
Instrument :
BNA_G
ClientSampleId :
PR-MW-04-031918

Tgt Ion:184 Resp: 26079
Ion Ratio Lower Upper
184 100
185 13.1 11.1 16.7
183 9.7 10.6 16.0#



#78
Terphenyl-d14
Concen: 89.900 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.03 min
Lab File: BG033330.D
Acq: 26 Mar 2018 15:32

Tgt Ion:244 Resp: 1551514
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 6.8 7.0 10.4#

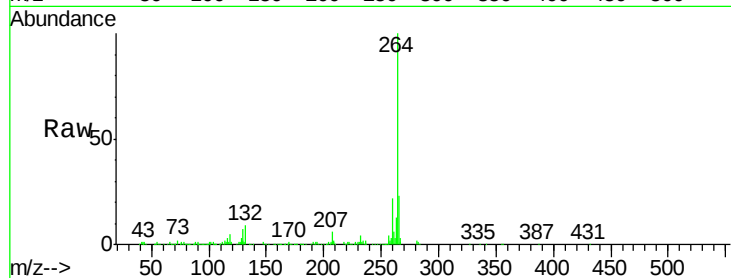




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.07 min
Lab File: BG033330.D
Acq: 26 Mar 2018 15:32

Instrument :
BNA_G
ClientSampleId :
PR-MW-04-031918

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	23.3	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

