

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032638.D
 Acq On : 9 Feb 2018 19:35
 Operator : SJ/JU
 Sample : J1510-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MADISON-MH

Quant Time: Feb 09 23:52:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

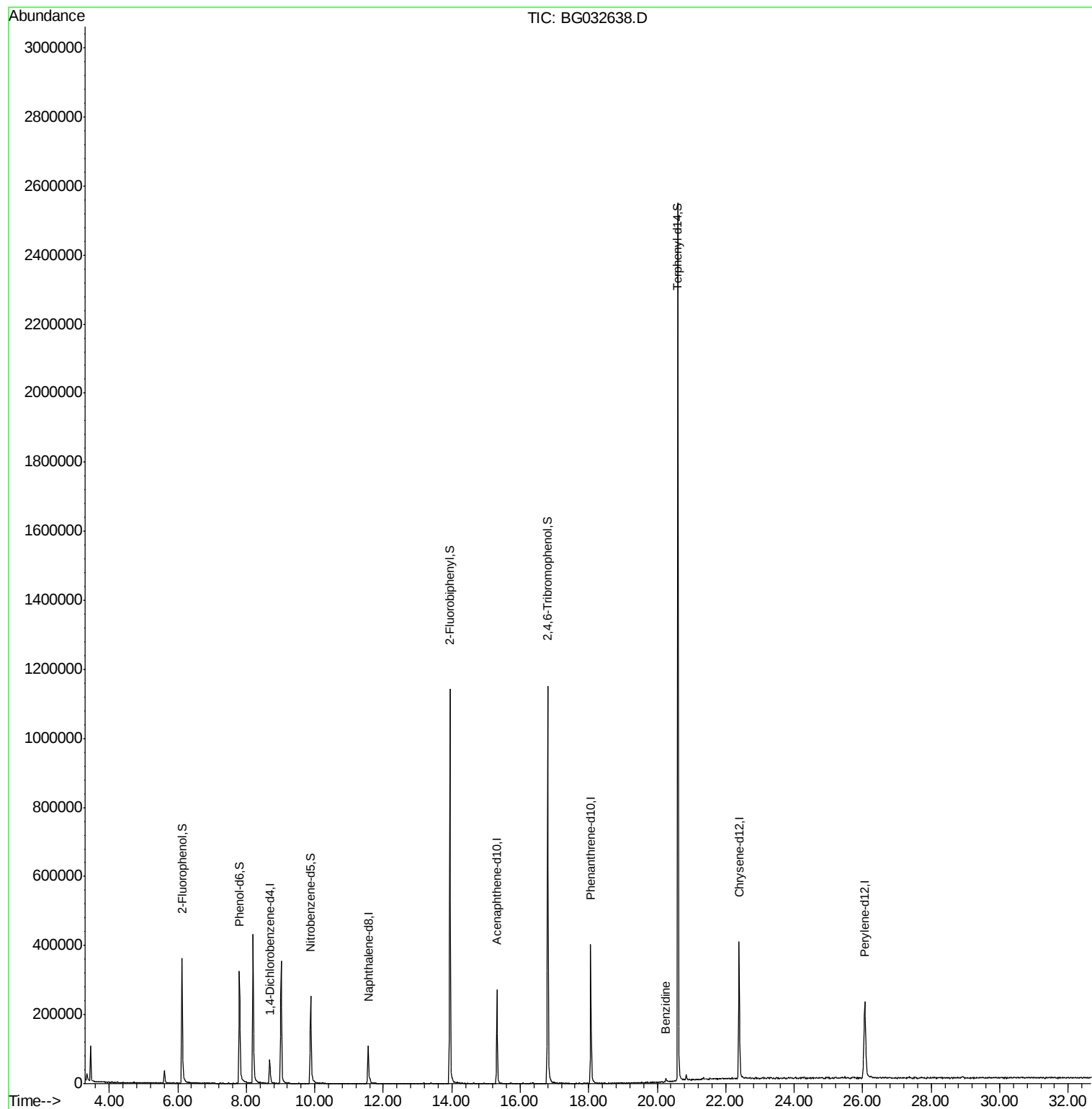
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	28480	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	123657	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	105229	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	308535	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	332087	20.00	ng	-0.02
86) Perylene-d12	26.06	264	342093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	195903	138.16	ng	-0.02
7) Phenol-d6	7.80	99	228401	120.71	ng	-0.02
23) Nitrobenzene-d5	9.88	82	179813	90.83	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	263936	131.77	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	713265	80.56	ng	-0.02
78) Terphenyl-d14	20.60	244	1400757	90.35	ng	-0.01
Target Compounds						
76) Benzidine	20.25	184	13993	2.146	ng	Qvalue 95

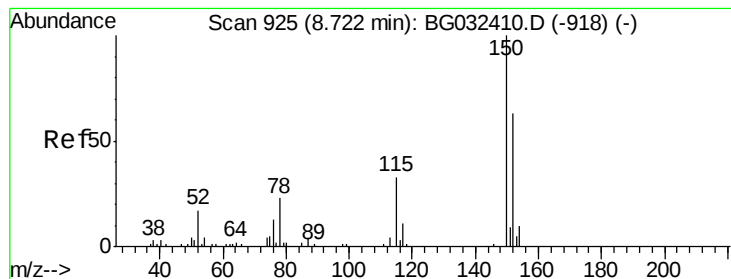
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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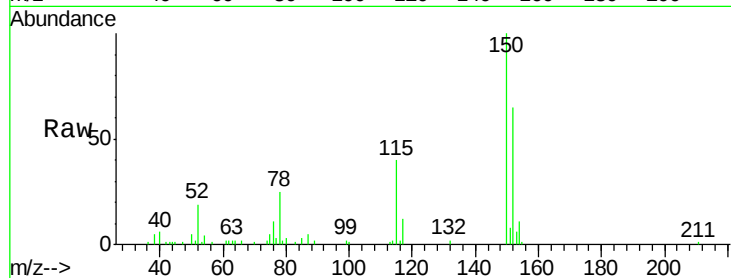


#1

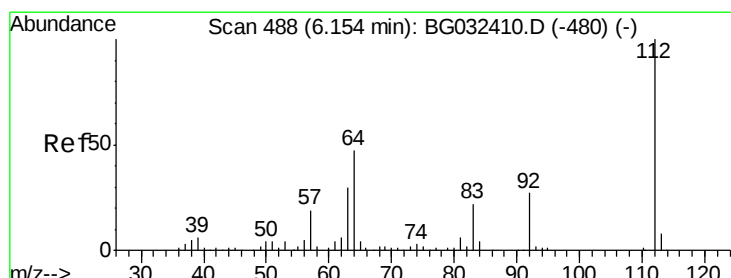
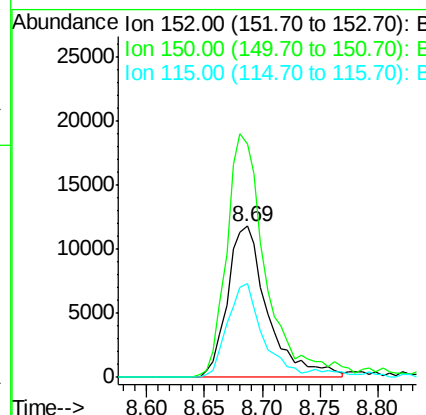
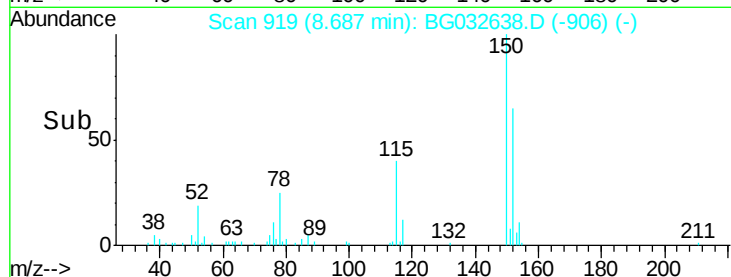
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG032638.D
Acq: 9 Feb 2018 19:35

Instrument :
BNA_G
ClientSampleId :
MADISON-MH

Tot Ion:152 Resp: 28480
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 62.1 53.0 79.4



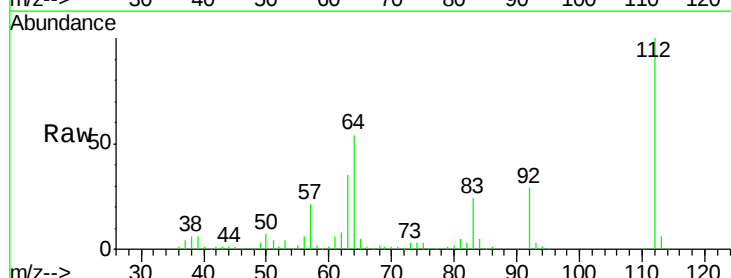
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



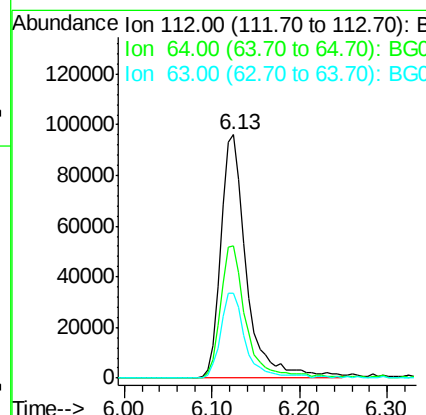
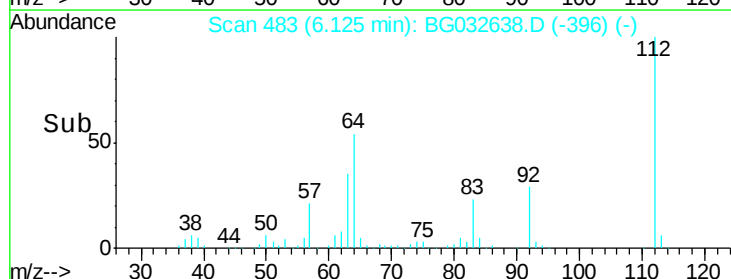
#5

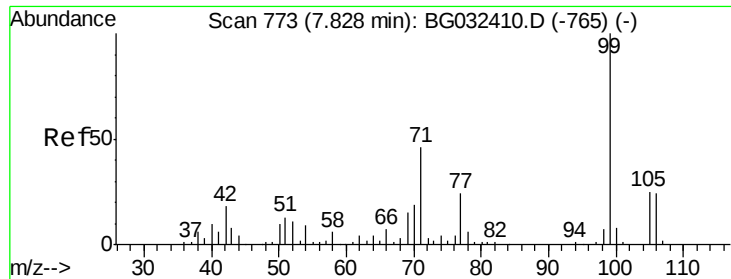
2-Fluorophenol
Concen: 138.161 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032638.D
Acq: 9 Feb 2018 19:35

Tgt Ion:112 Resp: 195903
Ion Ratio Lower Upper
112 100
64 54.3 56.3 84.5#
63 34.6 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: 120.712 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032638.D

Acq: 9 Feb 2018 19:35

Instrument :

BNA_G

ClientSampleId :

MADISON-MH

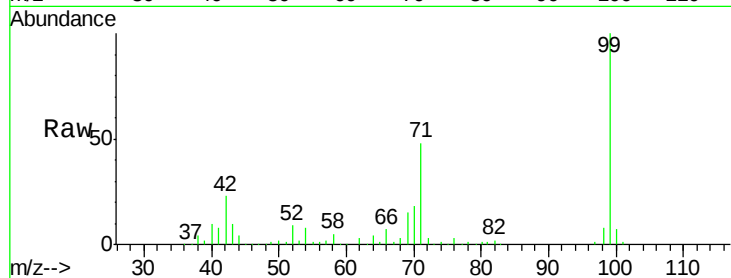
Tot Ion: 99 Resp: 228401

Ion Ratio Lower Upper

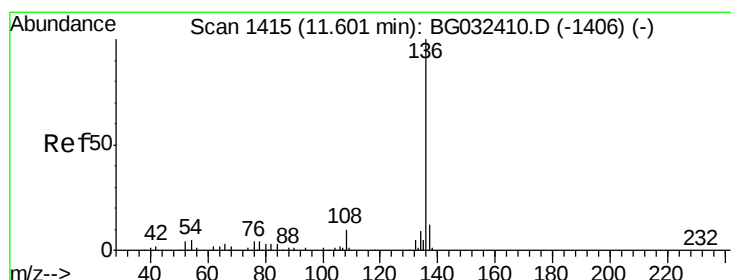
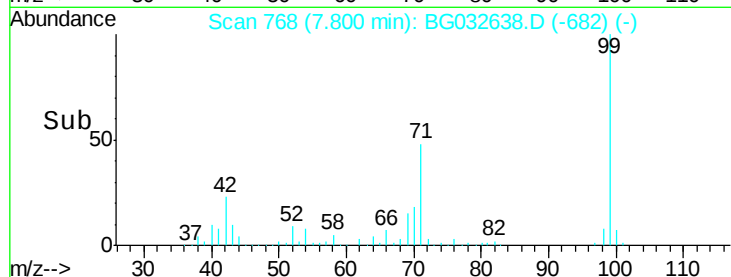
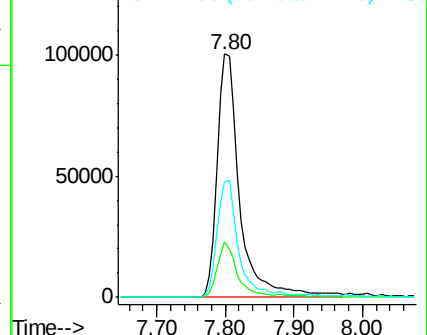
99 100

42 22.6 14.1 21.1#

71 47.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032638.D

Acq: 9 Feb 2018 19:35

Tgt Ion: 136 Resp: 123657

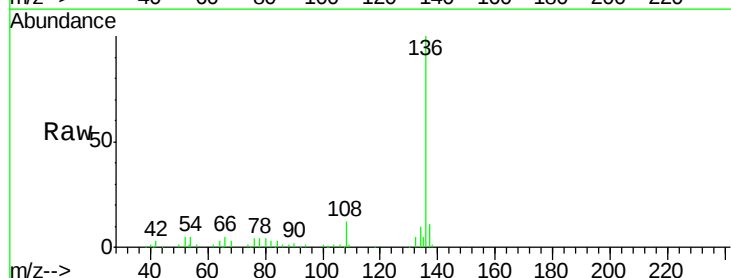
Ion Ratio Lower Upper

136 100

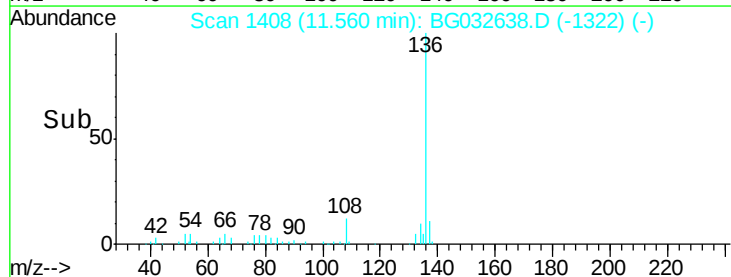
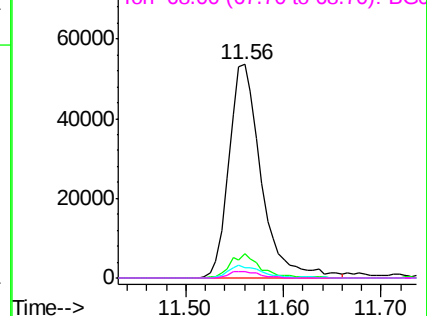
137 11.2 9.2 13.8

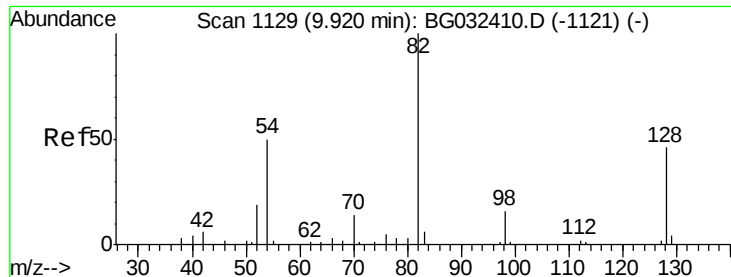
54 4.8 10.3 15.5#

68 3.3 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

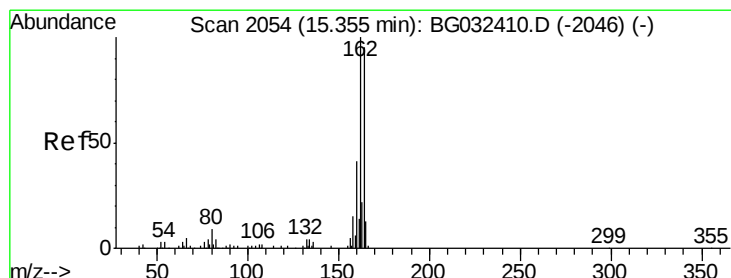
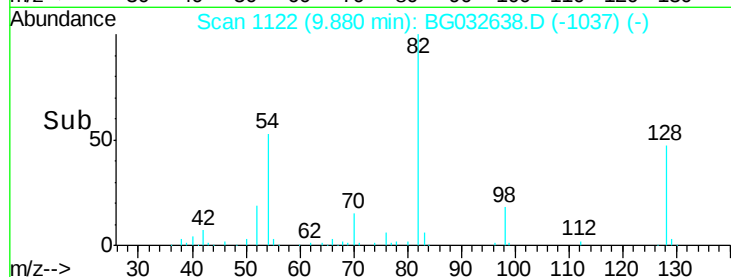
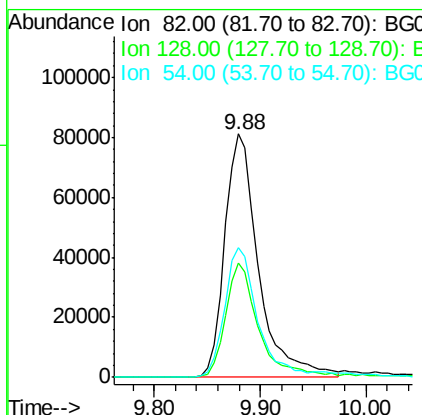
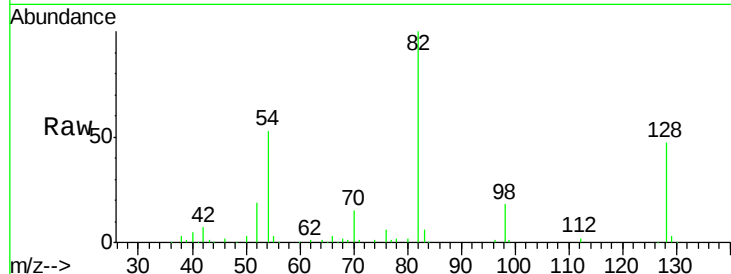




#23
 Nitrobenzene-d5
 Concen: 90.825 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032638.D
 Acq: 9 Feb 2018 19:35

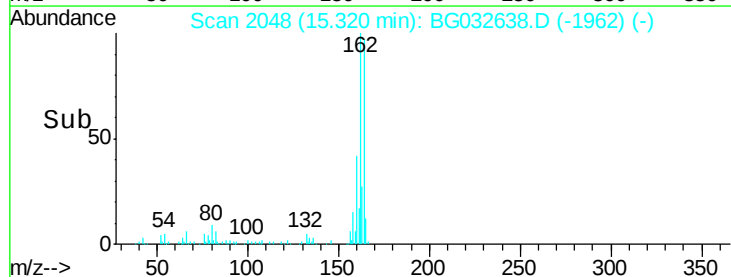
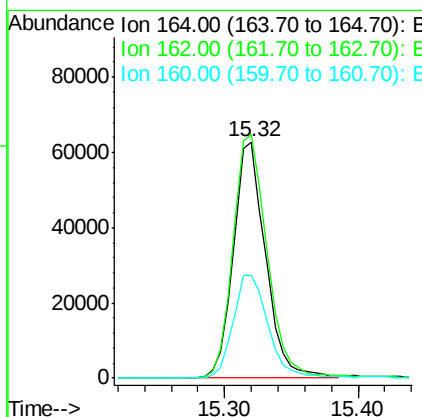
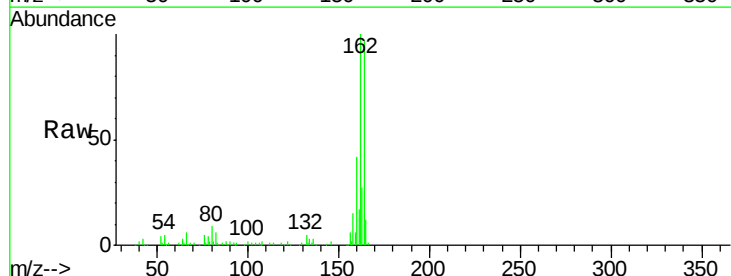
Instrument :
 BNA_G
 ClientSampleId :
 MADISON-MH

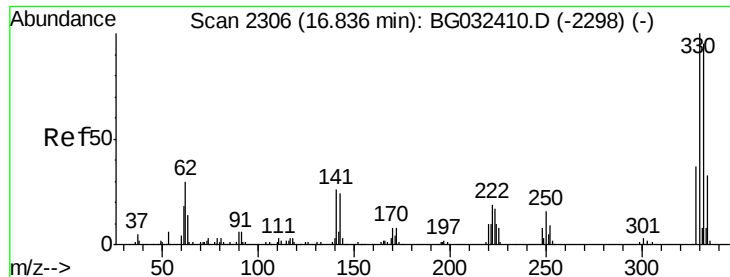
Tot Ion: 82 Resp: 179813
 Ion Ratio Lower Upper
 82 100
 128 47.0 29.7 44.5#
 54 53.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG032638.D
 Acq: 9 Feb 2018 19:35

Tgt Ion:164 Resp: 105229
 Ion Ratio Lower Upper
 164 100
 162 103.0 78.8 118.2
 160 43.6 35.4 53.0

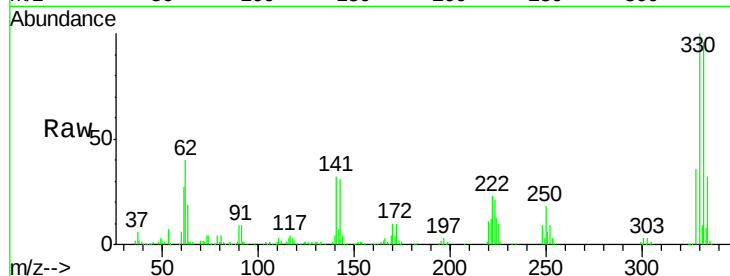




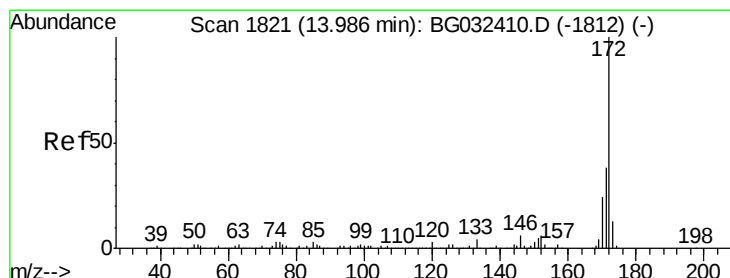
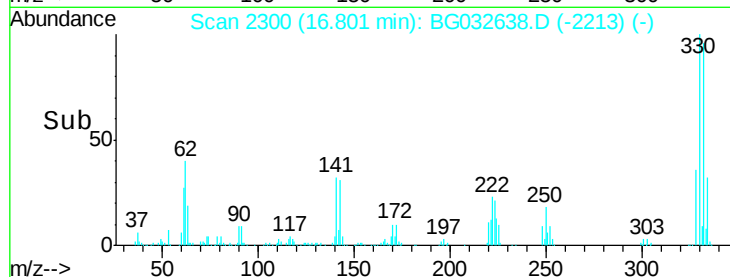
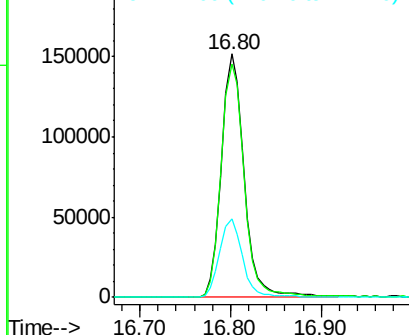
#41
 2,4,6-Tribromophenol
 Concen: 131.768 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BG032638.D
 Acq: 9 Feb 2018 19:35

Instrument :
 BNA_G
 ClientSampleId :
 MADISON-MH

Tot Ion:330 Resp: 263936
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 33.1 25.2 37.8

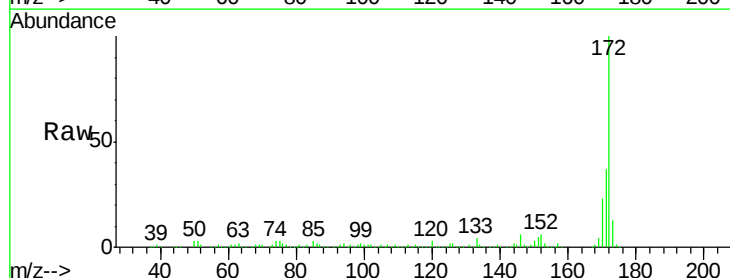


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

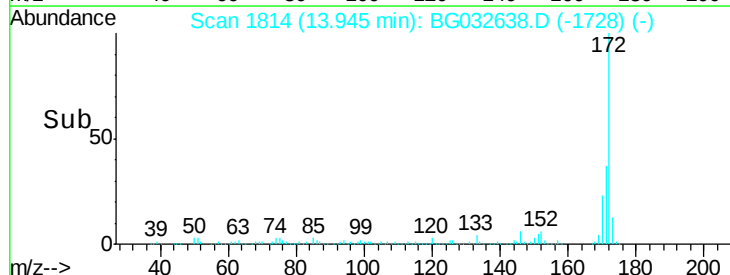
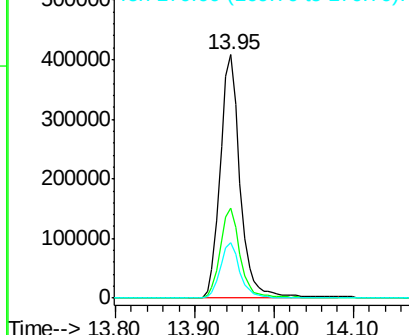


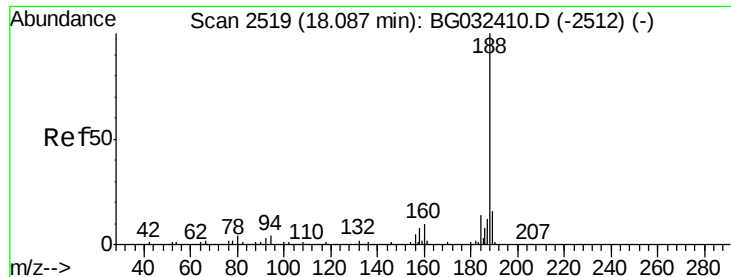
#44
 2-Fluorobiphenyl
 Concen: 80.564 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032638.D
 Acq: 9 Feb 2018 19:35

Tgt Ion:172 Resp: 713265
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 22.8 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

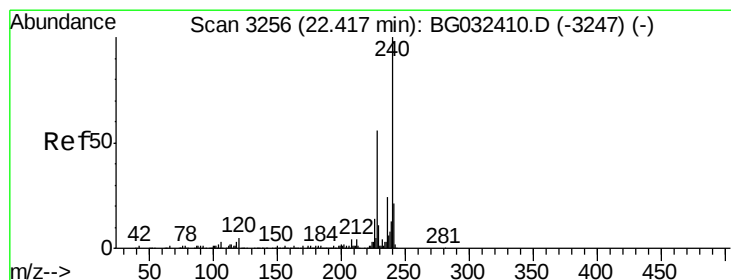
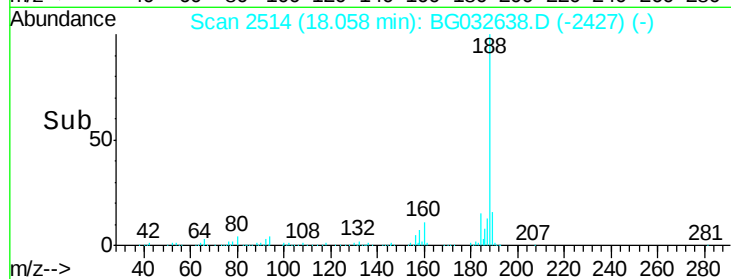
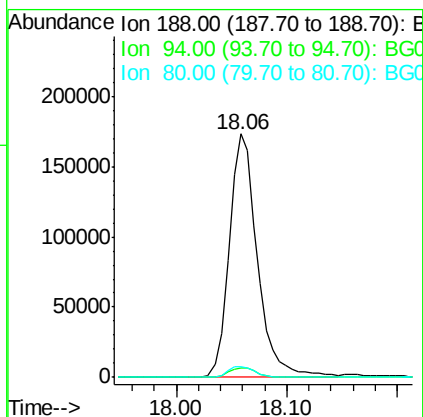
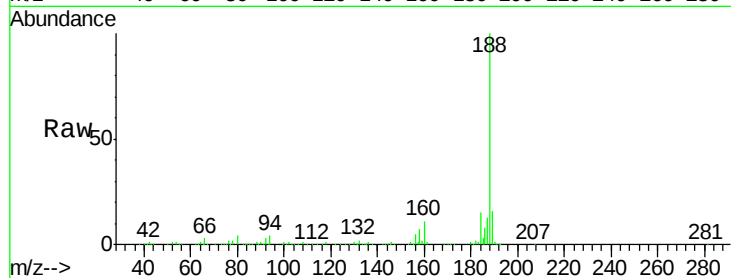




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BG032638.D
Acq: 9 Feb 2018 19:35

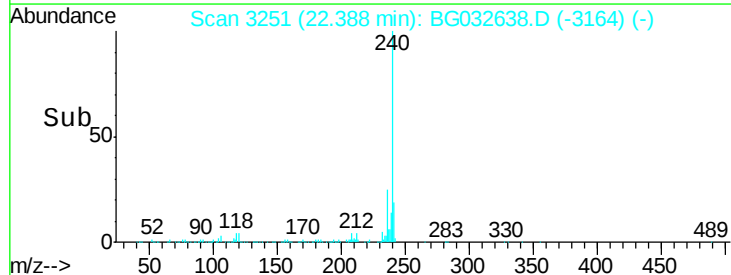
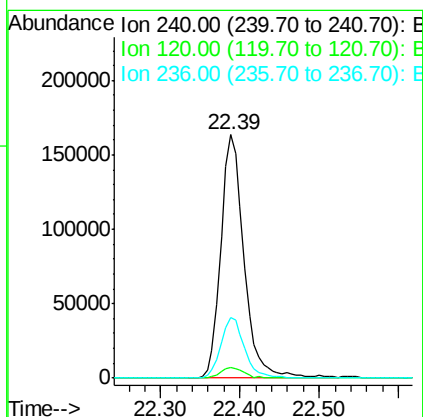
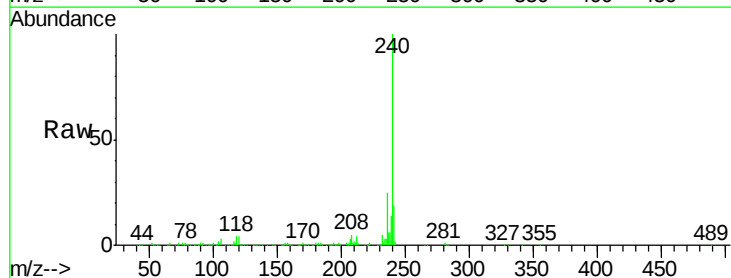
Instrument :
BNA_G
ClientSampleId :
MADISON-MH

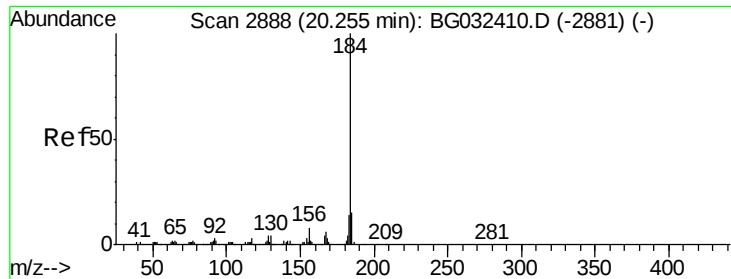
Tot Ion:188 Resp: 308535
Ion Ratio Lower Upper
188 100
94 4.0 6.9 10.3#
80 4.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.02 min
Lab File: BG032638.D
Acq: 9 Feb 2018 19:35

Tgt Ion:240 Resp: 332087
Ion Ratio Lower Upper
240 100
120 4.4 6.8 10.2#
236 24.8 20.9 31.3





#76

Benzidine

Concen: 2.146 ng

RT: 20.25 min Scan# 2887

Delta R.T. 0.01 min

Lab File: BG032638.D

Acq: 9 Feb 2018 19:35

Instrument :

BNA_G

ClientSampleId :

MADISON-MH

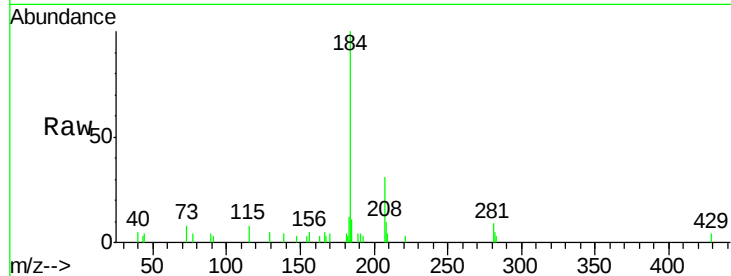
Tot Ion:184 Resp: 13993

Ion Ratio Lower Upper

184 100

185 11.3 11.1 16.7

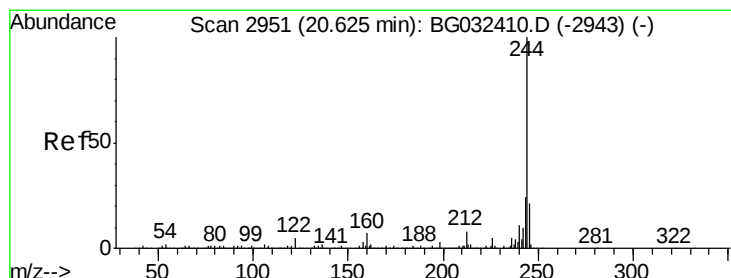
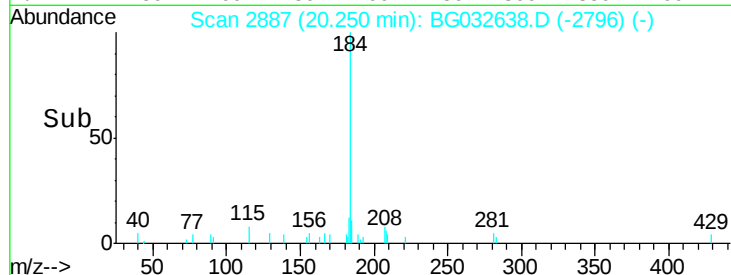
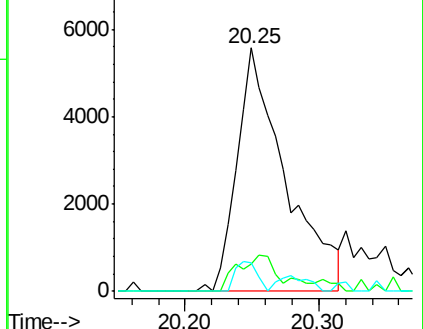
183 11.7 10.6 16.0



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: 90.354 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032638.D

Acq: 9 Feb 2018 19:35

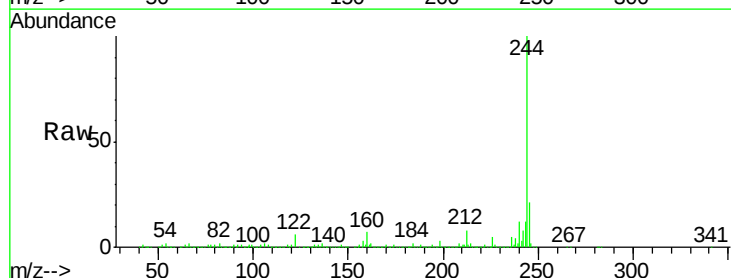
Tgt Ion:244 Resp: 1400757

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

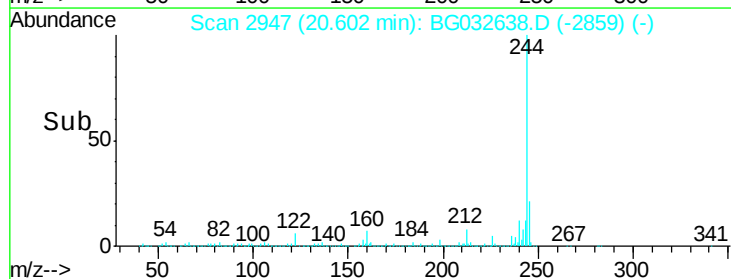
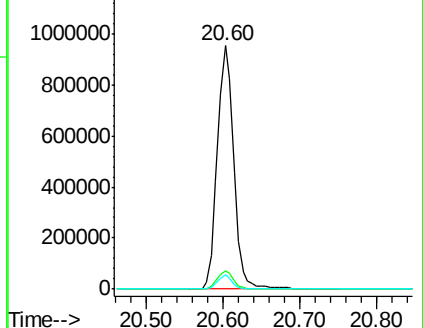
122 5.8 7.0 10.4#

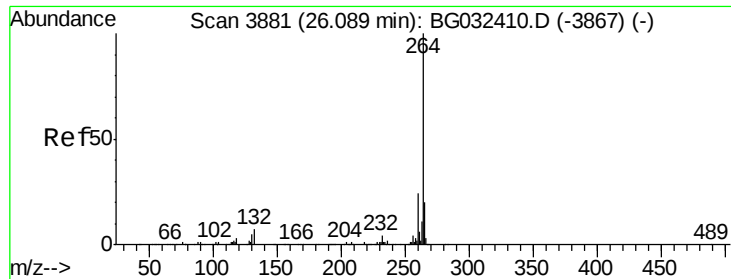


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.06 min Scan# 3876
 Delta R.T. -0.01 min
 Lab File: BG032638.D
 Acq: 9 Feb 2018 19:35

Instrument :
 BNA_G
 ClientSampleId :
 MADISON-MH

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.1	17.7	26.5

