

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010133.D
 Acq On : 23 May 2017 09:34
 Operator : SJ/MA
 Sample : I3240-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC8(12-16)

Quant Time: May 23 13:16:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

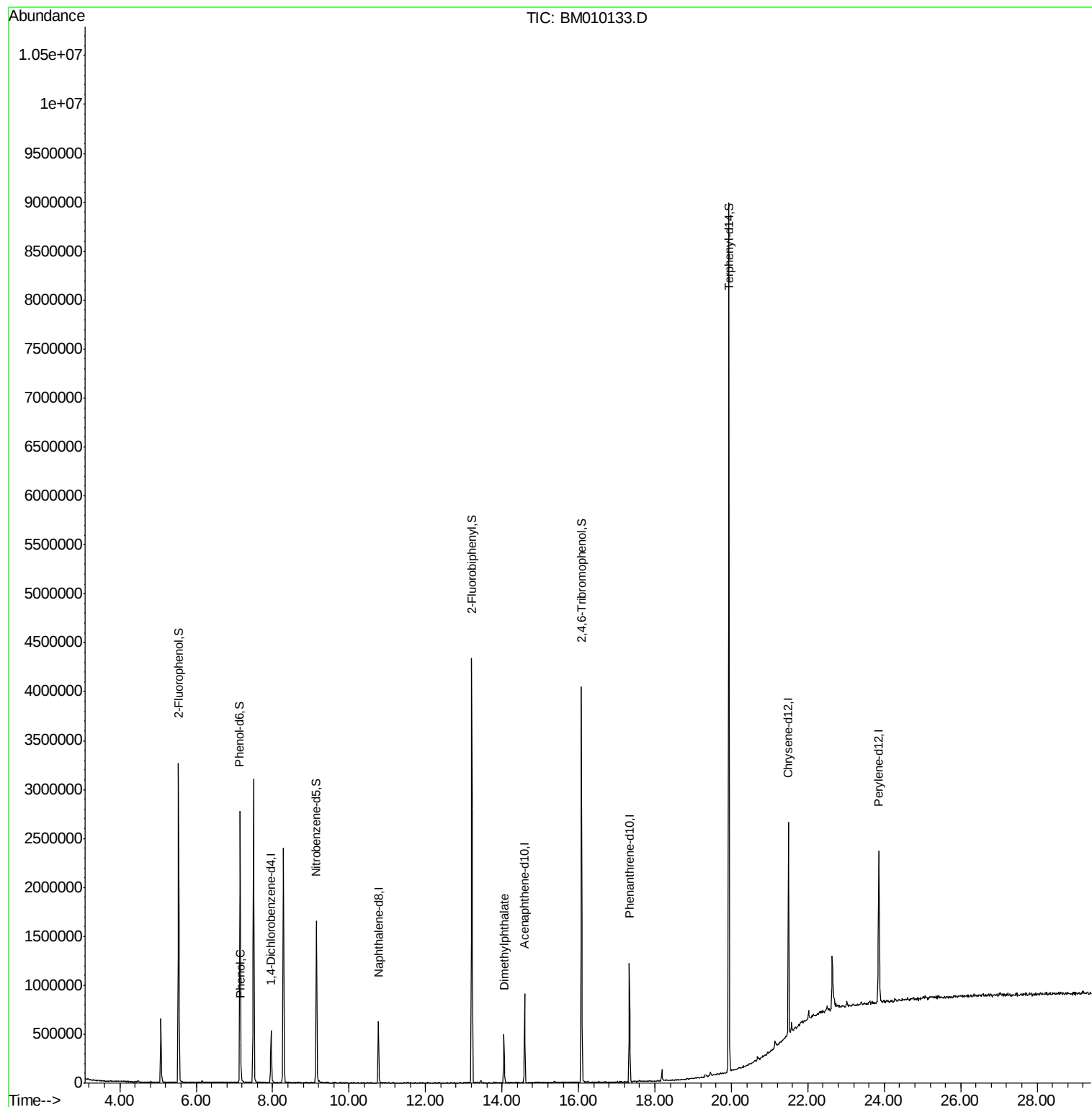
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	137397	20.00	ng	-0.02
21) Naphthalene-d8	10.77	136	460973	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	286760	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	702039	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1081720	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1245353	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1164641	153.07	ng	-0.02
7) Phenol-d6	7.15	99	1416985	144.73	ng	-0.02
23) Nitrobenzene-d5	9.15	82	921490	107.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	664859	152.66	ng	-0.02
44) 2-Fluorobiphenyl	13.22	172	2178705	97.67	ng	-0.02
78) Terphenyl-d14	19.94	244	3687119	77.50	ng	-0.01
Target Compounds						
10) Phenol	7.17	94	32454	3.15	ng	Qvalue 95
49) Dimethylphthalate	14.05	163	292669	11.44	ng	# 98

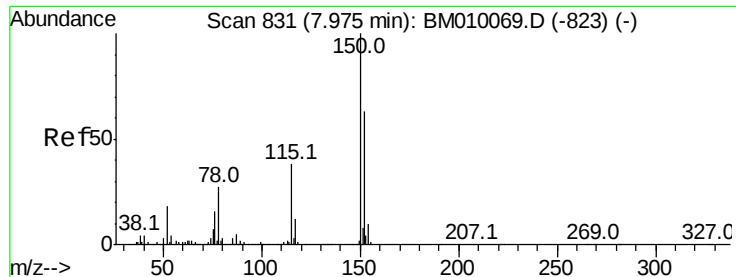
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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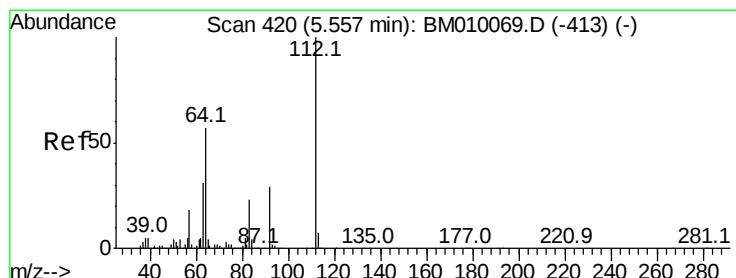
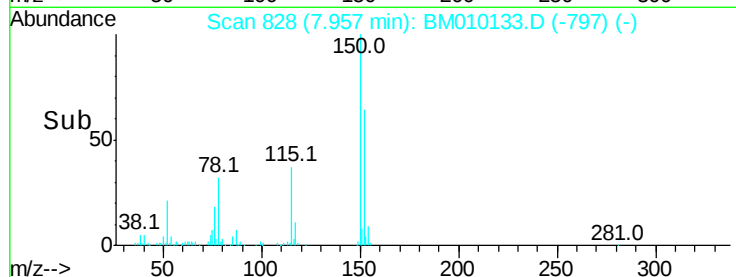
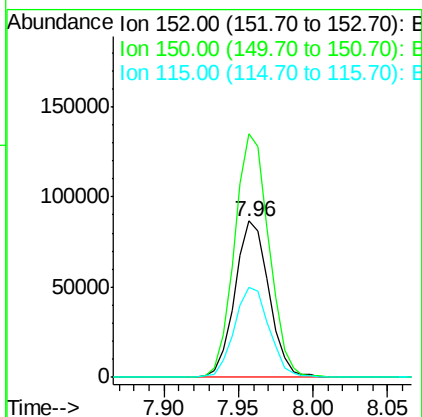
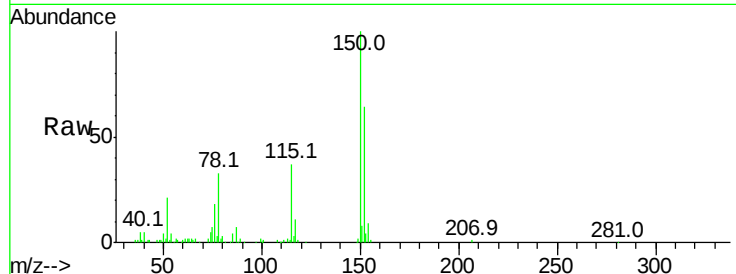


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BM010133.D
Acq: 23 May 2017 09:34

Instrument :
BNA_M
ClientSampleId :
EP2-WC8(12-16)

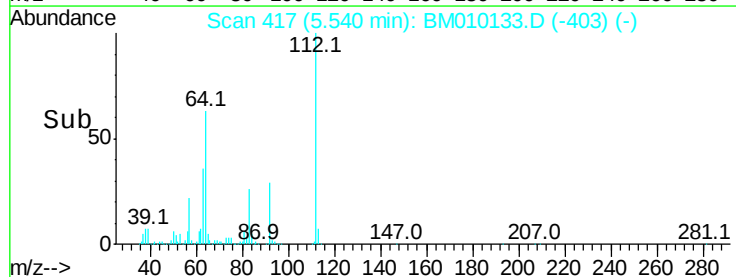
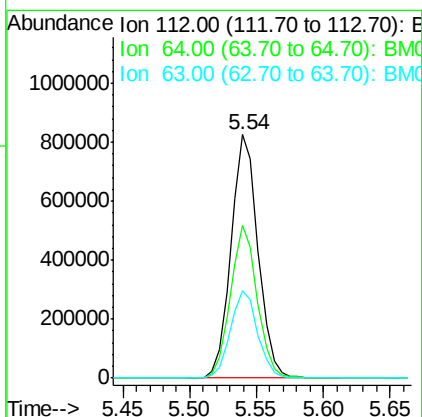
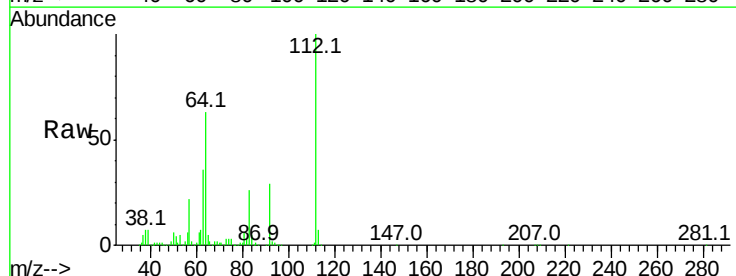
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	119.5	179.3
115	58.0	43.0	64.4

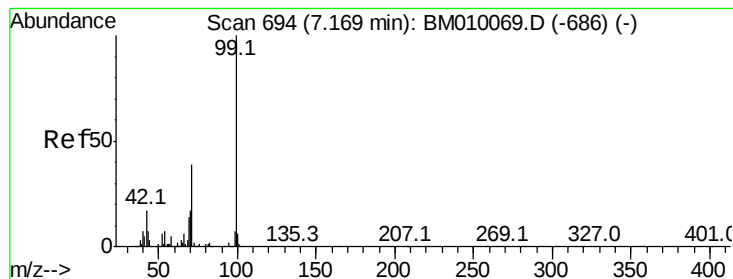


#5

2-Fluorophenol
Concen: 153.07 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.02 min
Lab File: BM010133.D
Acq: 23 May 2017 09:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	38.6	57.8#
63	35.9	19.3	28.9#





#7

Phenol-d6

Concen: 144.73 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010133.D

Acq: 23 May 2017 09:34

Instrument :

BNA_M

ClientSampleId :

EP2-WC8(12-16)

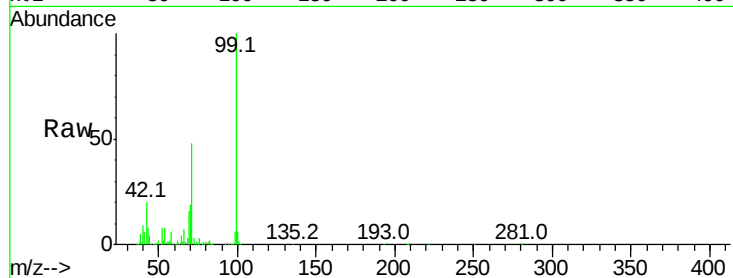
Tot Ion: 99 Resp: 1416985

Ion Ratio Lower Upper

99 100

42 19.8 11.0 16.4#

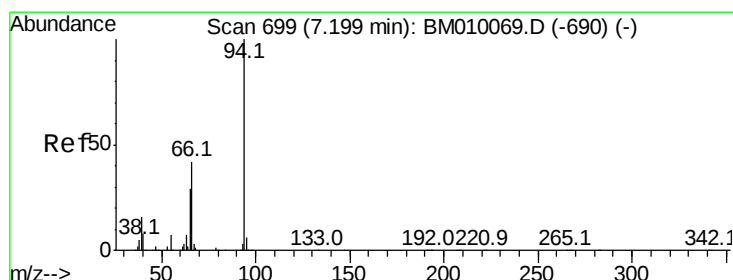
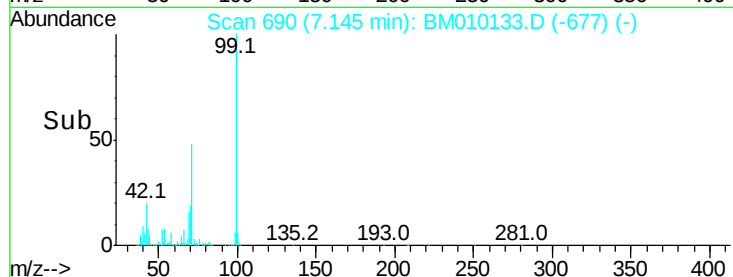
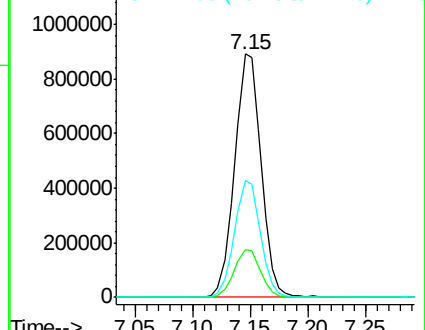
71 47.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010133.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010133.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010133.D (-677) (-)



#10

Phenol

Concen: 3.15 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BM010133.D

Acq: 23 May 2017 09:34

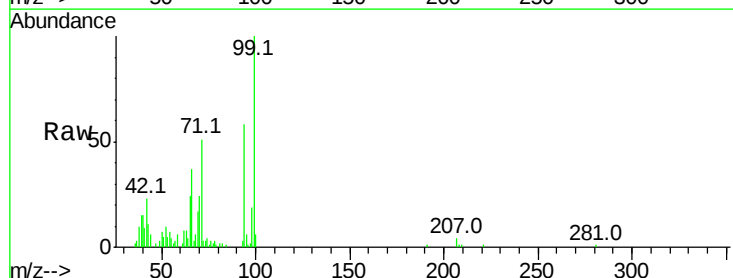
Tgt Ion: 94 Resp: 32454

Ion Ratio Lower Upper

94 100

65 41.2 18.8 58.8

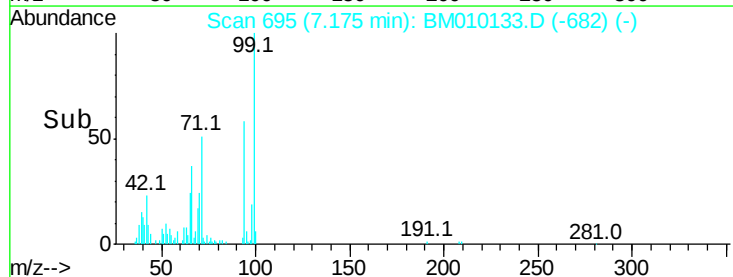
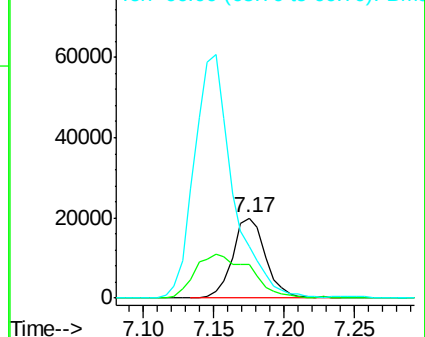
66 64.0 39.9 79.9

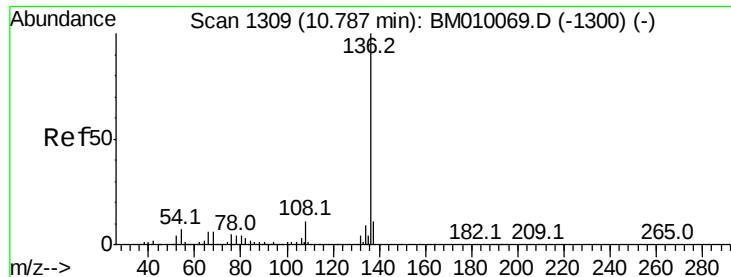


Abundance Ion 94.00 (93.70 to 94.70): BM010133.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM010133.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM010133.D (-682) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BM010133.D

Acq: 23 May 2017 09:34

Instrument :

BNA_M

ClientSampleId :

EP2-WC8(12-16)

Tot Ion:136 Resp: 460973

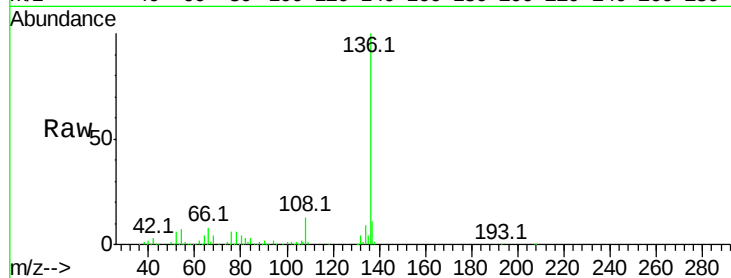
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.5 4.6 6.8#

68 4.1 3.7 5.5

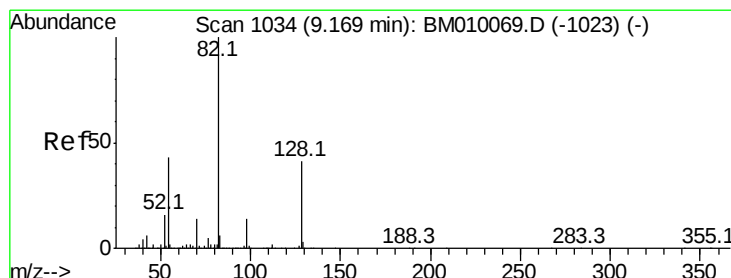
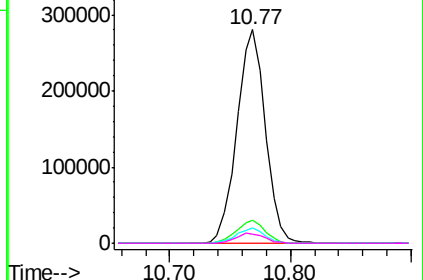
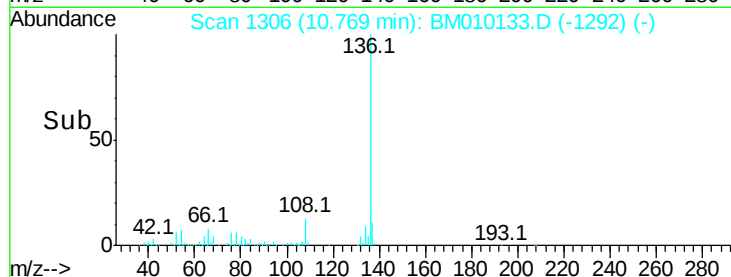


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 107.85 ng

RT: 9.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BM010133.D

Acq: 23 May 2017 09:34

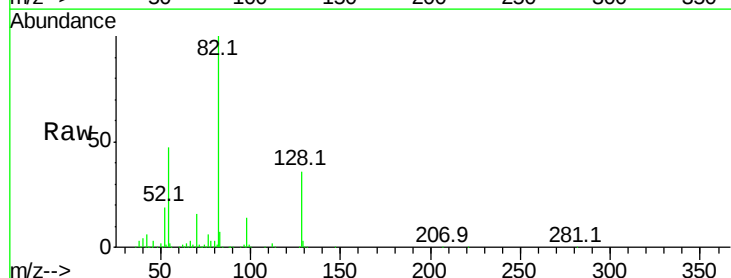
Tgt Ion: 82 Resp: 921490

Ion Ratio Lower Upper

82 100

128 35.7 32.8 49.2

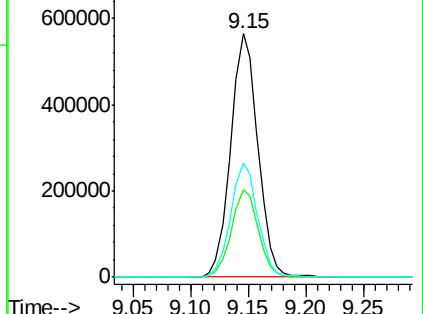
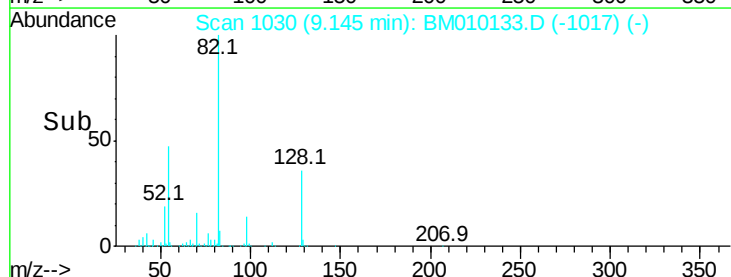
54 47.0 40.6 60.8

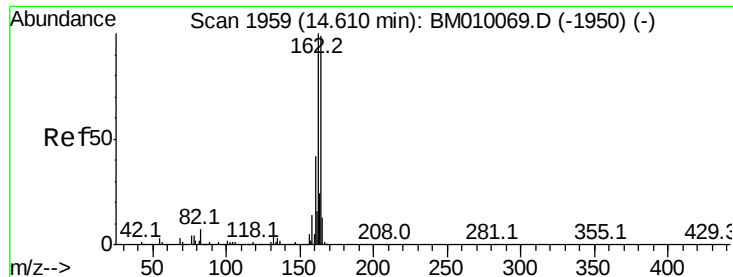


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM010133.D

Acq: 23 May 2017 09:34

Instrument :

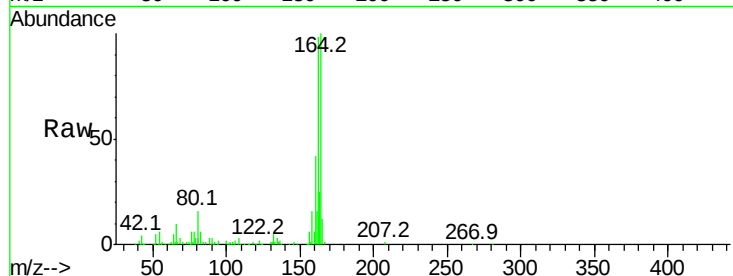
BNA_M

ClientSampleId :

EP2-WC8(12-16)

Tot Ion:164 Resp: 286760

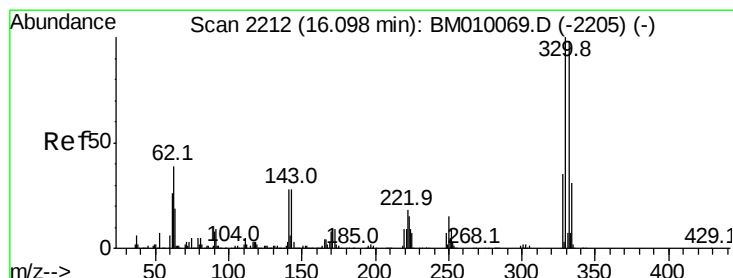
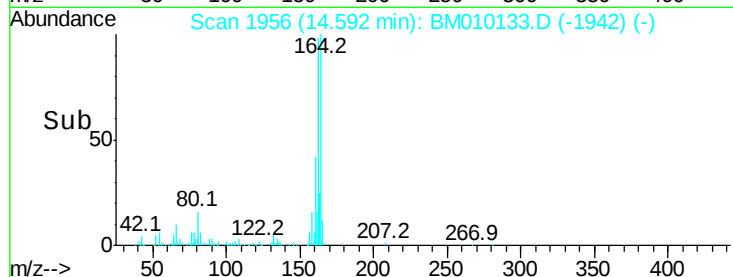
Ion	Ratio	Lower	Upper
164	100		
162	98.4	82.4	123.6
160	42.4	35.8	53.6



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: 152.66 ng

RT: 16.08 min Scan# 2209

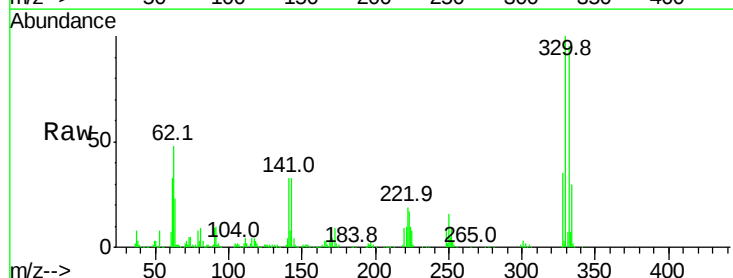
Delta R.T. -0.02 min

Lab File: BM010133.D

Acq: 23 May 2017 09:34

Tgt Ion:330 Resp: 664859

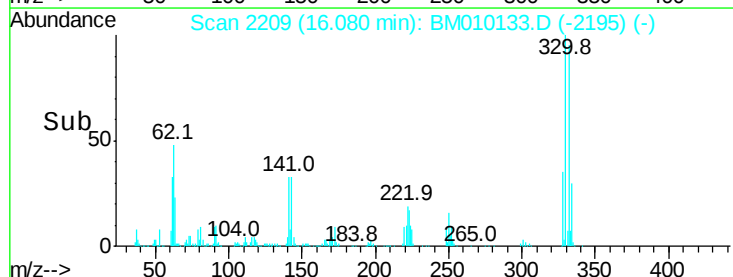
Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	32.3	0.0	0.0#



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

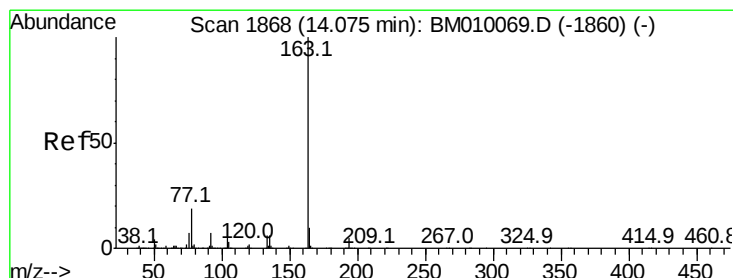
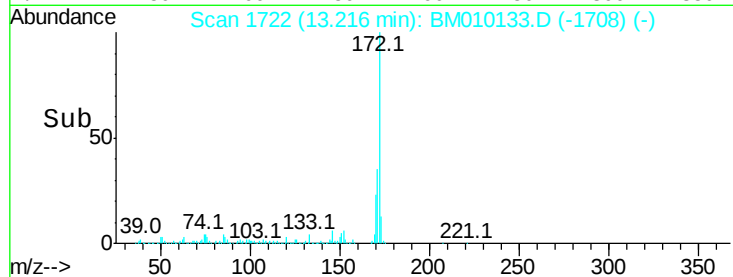
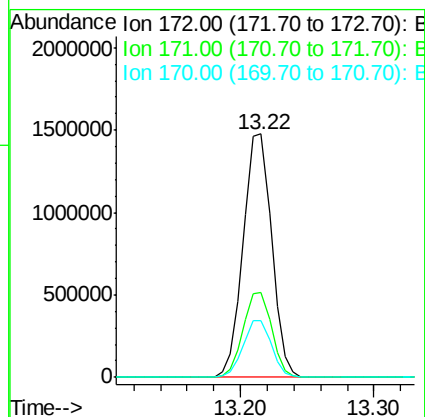
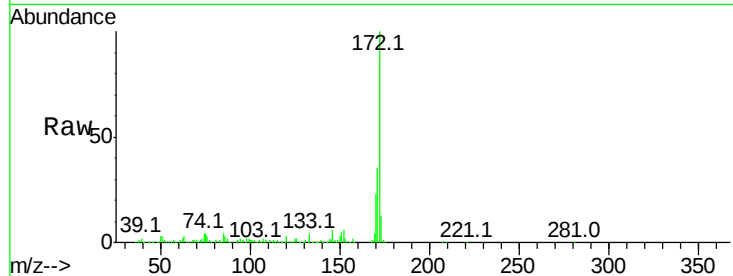




#44
2-Fluorobiphenyl
Concen: 97.67 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BM010133.D
Acq: 23 May 2017 09:34

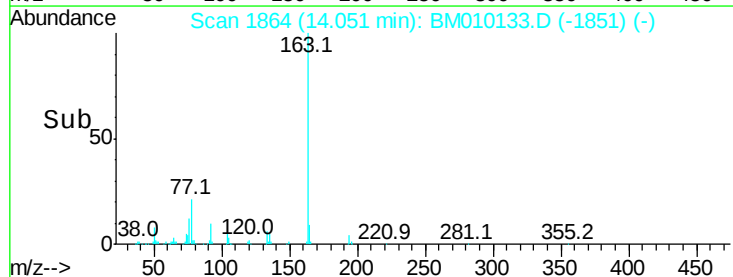
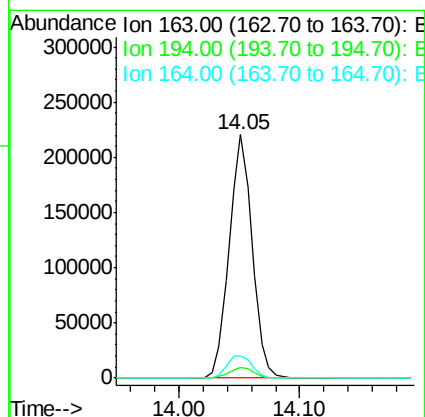
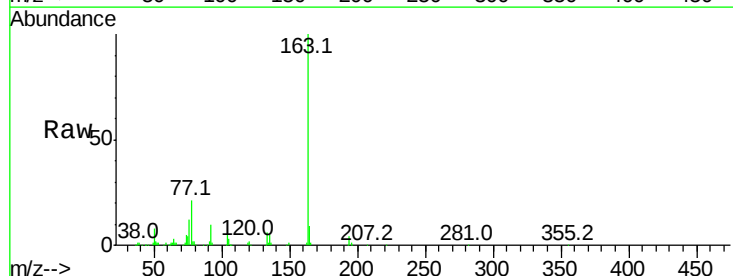
Instrument :
BNA_M
ClientSampleId :
EP2-WC8(12-16)

Tot Ion:172 Resp: 2178705
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.4 18.8 28.2



#49
Dimethylphthalate
Concen: 11.44 ng
RT: 14.05 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BM010133.D
Acq: 23 May 2017 09:34

Tgt Ion:163 Resp: 292669
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.3 8.2 12.2

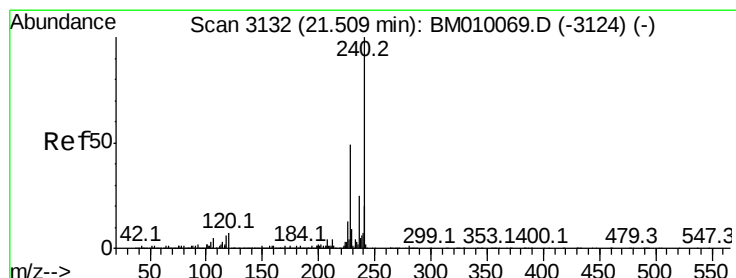
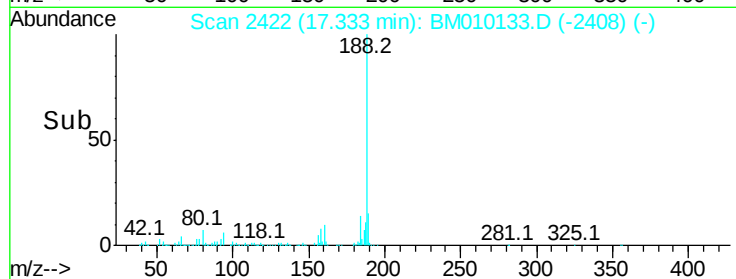
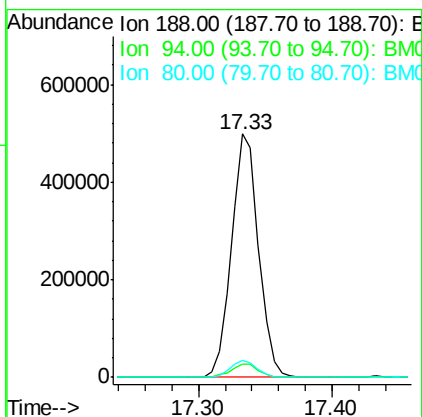
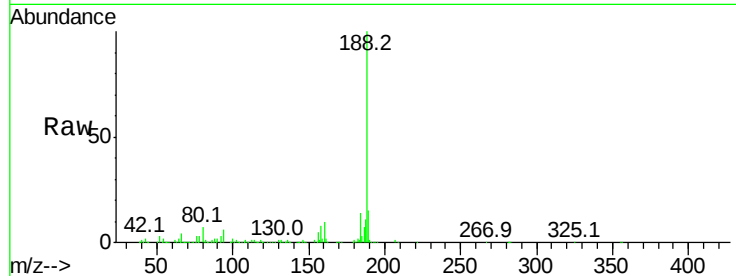




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010133.D
Acq: 23 May 2017 09:34

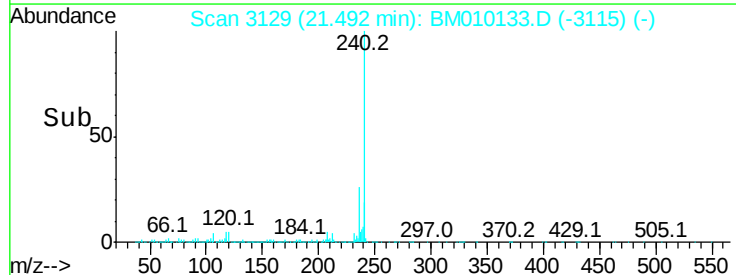
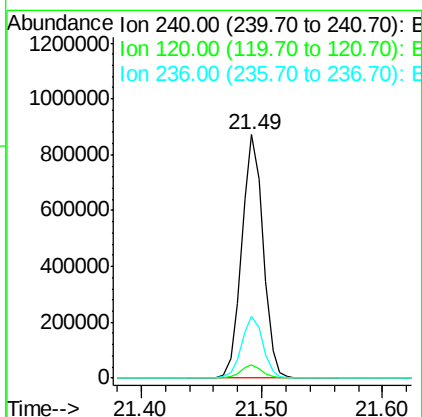
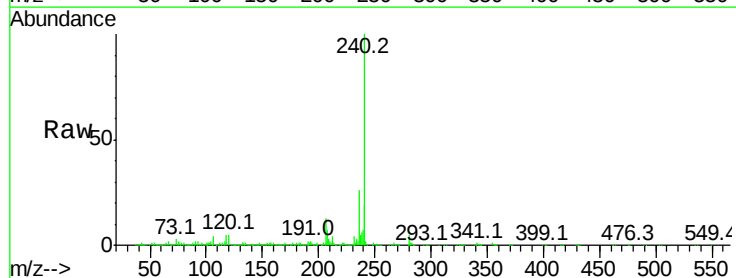
Instrument :
BNA_M
ClientSampleId :
EP2-WC8(12-16)

Tot Ion:188 Resp: 702039
Ion Ratio Lower Upper
188 100
94 5.5 8.7 13.1#
80 6.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010133.D
Acq: 23 May 2017 09:34

Tgt Ion:240 Resp: 1081720
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 25.6 20.0 30.0





#78

Terphenyl-d14

Concen: 77.50 ng

RT: 19.94 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM010133.D

Acq: 23 May 2017 09:34

Instrument :

BNA_M

ClientSampleId :

EP2-WC8(12-16)

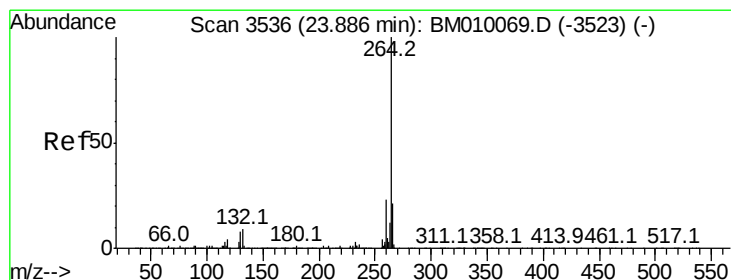
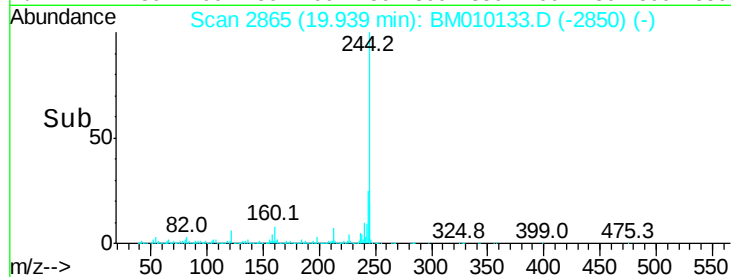
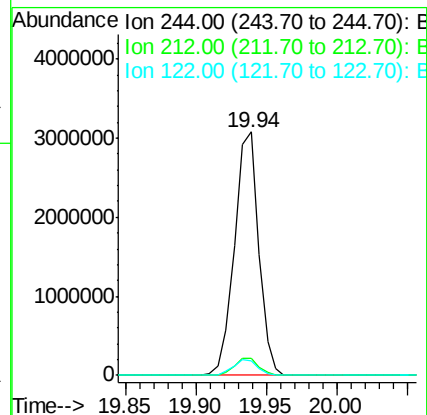
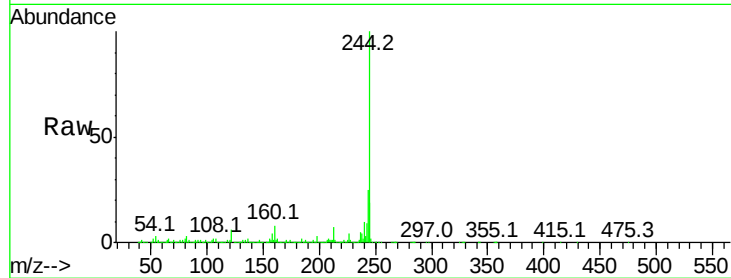
Tot Ion:244 Resp: 3687119

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

122 5.8 6.2 9.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.86 min Scan# 3531

Delta R.T. -0.03 min

Lab File: BM010133.D

Acq: 23 May 2017 09:34

Tgt Ion:264 Resp: 1245353

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.7 17.3 25.9

