

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010115.D
 Acq On : 22 May 2017 22:48
 Operator : SJ/MA
 Sample : I3202-24RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-10COMPRES

Quant Time: May 23 06:33:26 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	179039	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	595783	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	145060	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	602238	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	5301	20.00	ng	-0.01
86) Perylene-d12	23.85	264	696	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1494435	150.73	ng	-0.01
7) Phenol-d6	7.15	99	977892	76.65	ng	-0.02
23) Nitrobenzene-d5	9.15	82	1218580	110.35	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	877965	398.50	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	3006545	266.45	ng	-0.02
78) Terphenyl-d14	19.94	244	750407	3218.79	ng	-0.01

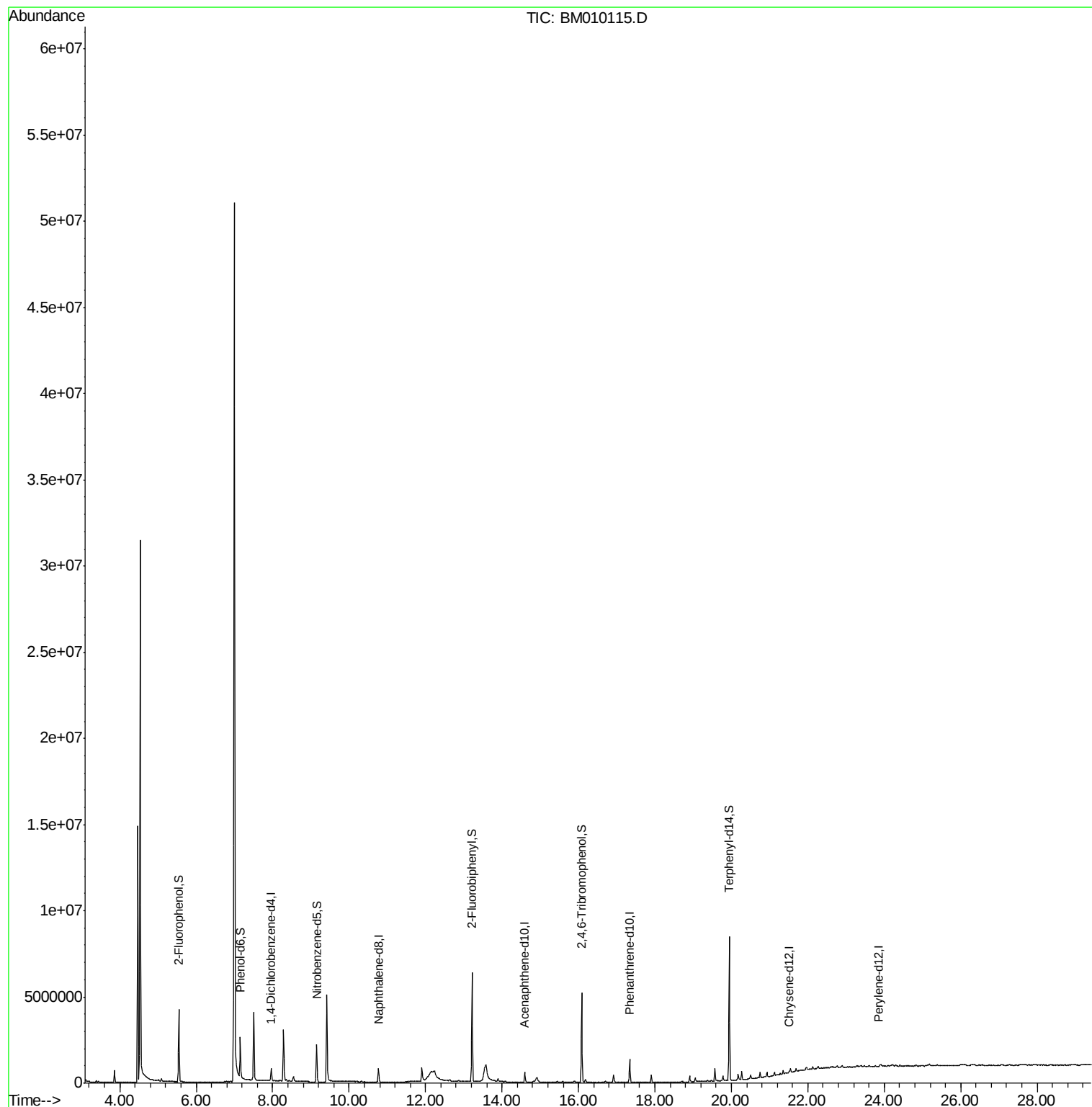
Target Compounds Qvalue

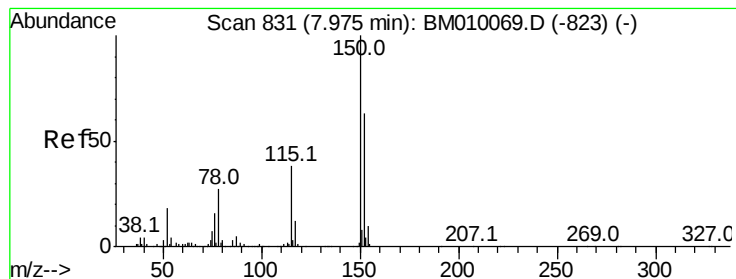
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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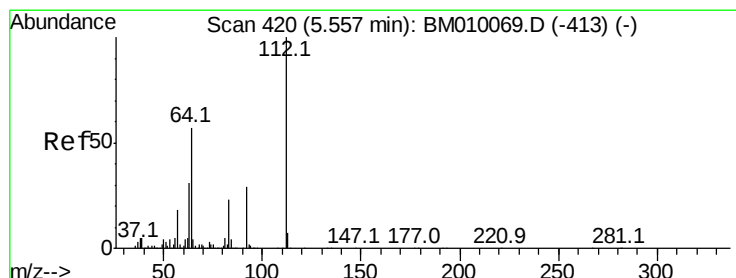
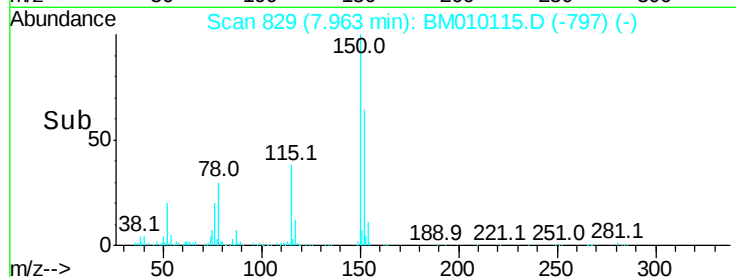
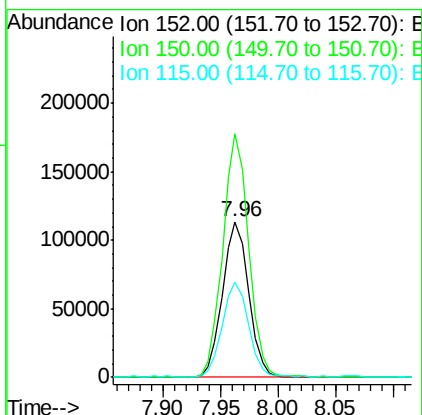
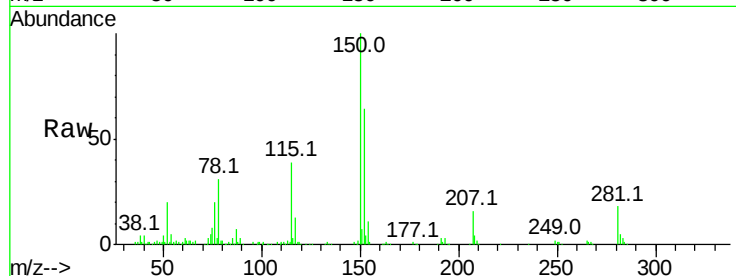




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM010115.D
 Acq: 22 May 2017 22:48

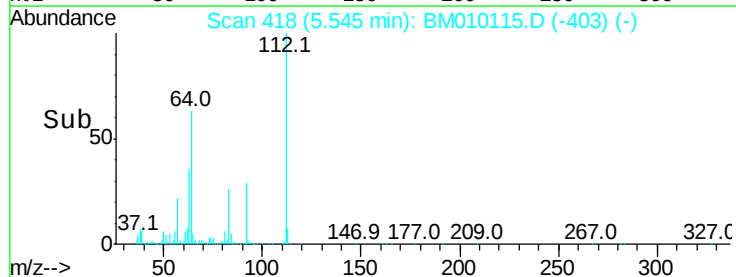
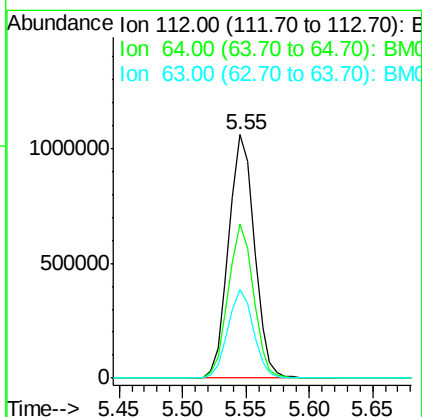
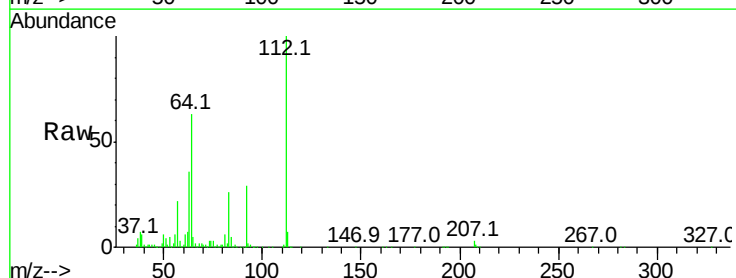
Instrument :
 BNA_M
 ClientSampleId :
 SB-10COMP

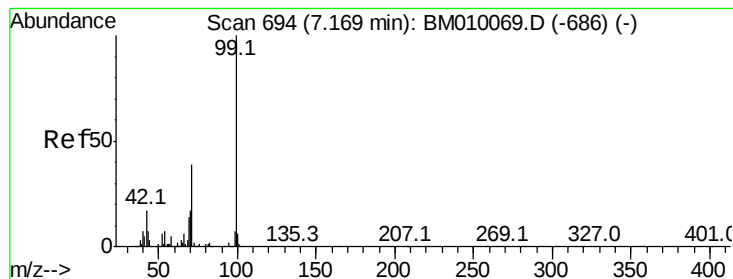
Tot Ion:152 Resp: 179039
 Ion Ratio Lower Upper
 152 100
 150 156.5 119.5 179.3
 115 61.0 43.0 64.4



#5
 2-Fluorophenol
 Concen: 150.73 ng
 RT: 5.55 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BM010115.D
 Acq: 22 May 2017 22:48

Tgt Ion:112 Resp: 1494435
 Ion Ratio Lower Upper
 112 100
 64 63.2 38.6 57.8#
 63 36.4 19.3 28.9#





#7

Phenol-d6

Concen: 76.65 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010115.D

Acq: 22 May 2017 22:48

Instrument :

BNA_M

ClientSampleId :

SB-10COMPRES

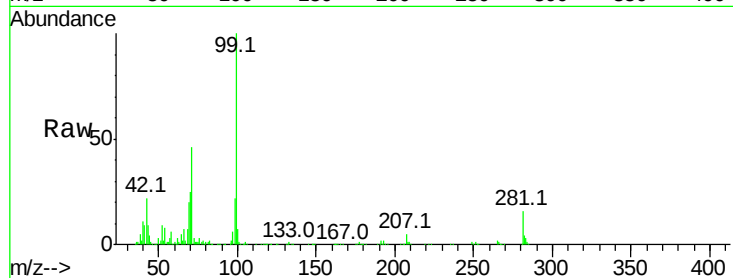
Tot Ion: 99 Resp: 977892

Ion Ratio Lower Upper

99 100

42 21.6 11.0 16.4#

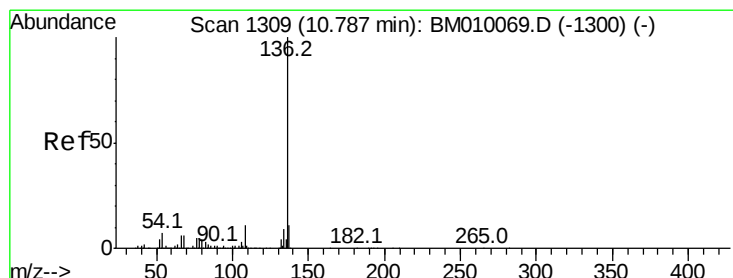
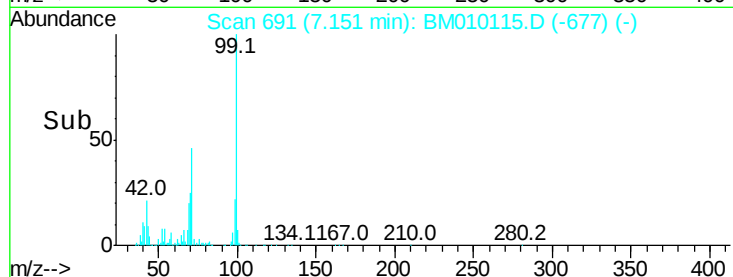
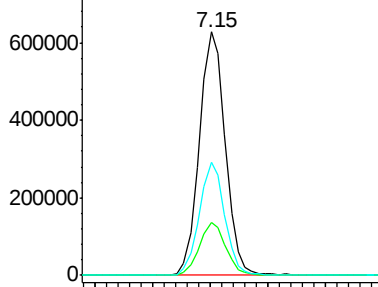
71 46.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010115.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010115.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010115.D (-677) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BM010115.D

Acq: 22 May 2017 22:48

Tgt Ion: 136 Resp: 595783

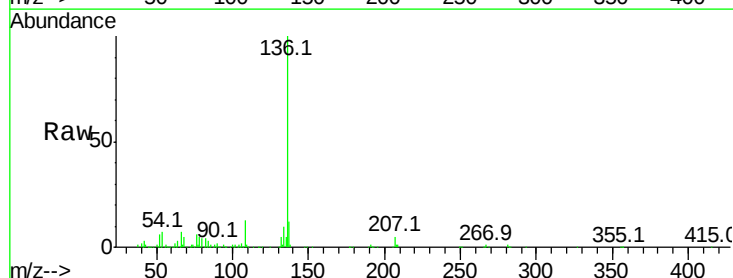
Ion Ratio Lower Upper

136 100

137 12.2 8.7 13.1

54 7.1 4.6 6.8#

68 5.3 3.7 5.5

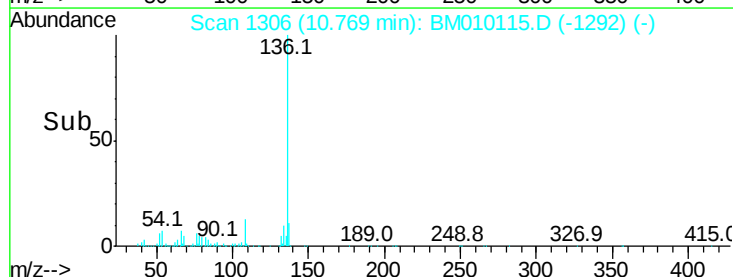
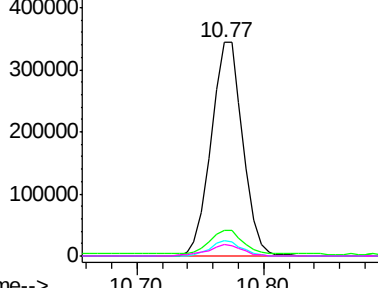


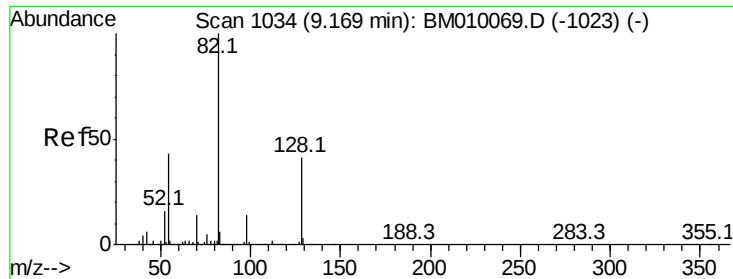
Abundance Ion 136.00 (135.70 to 136.70): BM010115.D (-1292) (-)

Ion 137.00 (136.70 to 137.70): BM010115.D (-1292) (-)

Ion 54.00 (53.70 to 54.70): BM010115.D (-1292) (-)

Ion 68.00 (67.70 to 68.70): BM010115.D (-1292) (-)

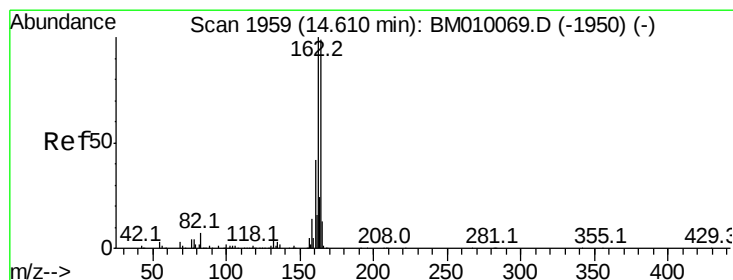
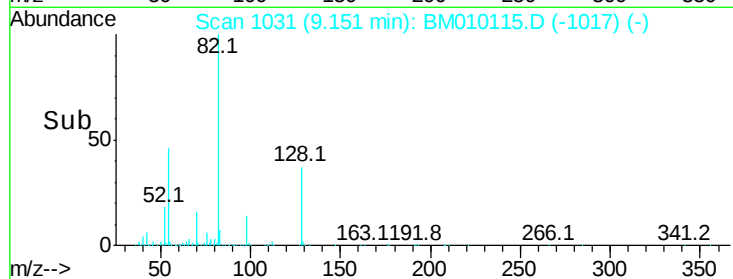
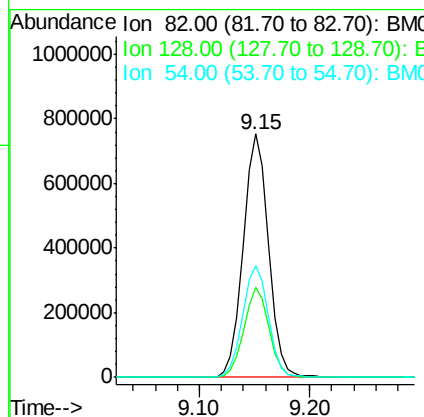
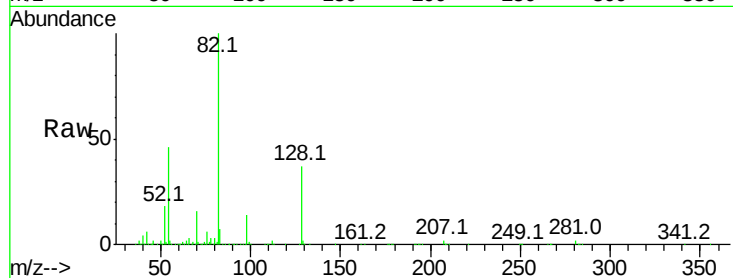




#23
 Nitrobenzene-d5
 Concen: 110.35 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BM010115.D
 Acq: 22 May 2017 22:48

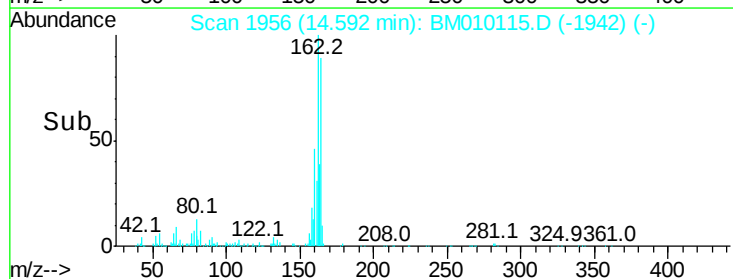
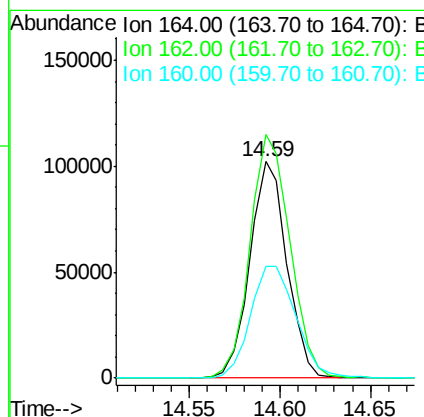
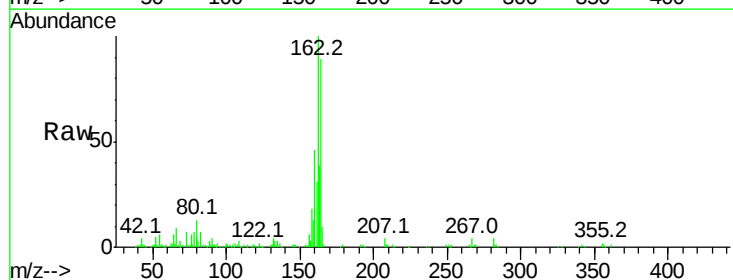
Instrument :
 BNA_M
 ClientSampleId :
 SB-10COMPRES

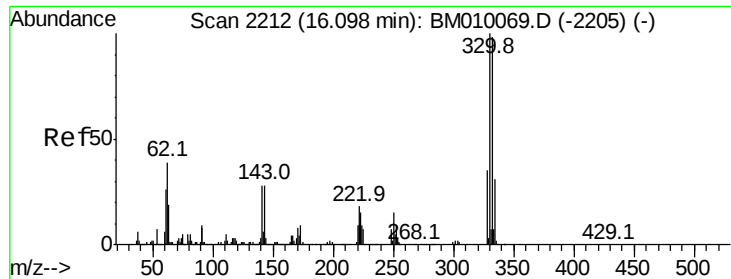
Tot Ion: 82 Resp: 1218580
 Ion Ratio Lower Upper
 82 100
 128 37.2 32.8 49.2
 54 46.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1956
 Delta R.T. -0.02 min
 Lab File: BM010115.D
 Acq: 22 May 2017 22:48

Tgt Ion: 164 Resp: 145060
 Ion Ratio Lower Upper
 164 100
 162 112.5 82.4 123.6
 160 51.7 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 398.50 ng

RT: 16.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BM010115.D

Acq: 22 May 2017 22:48

Instrument :

BNA_M

ClientSampleId :

SB-10COMPRES

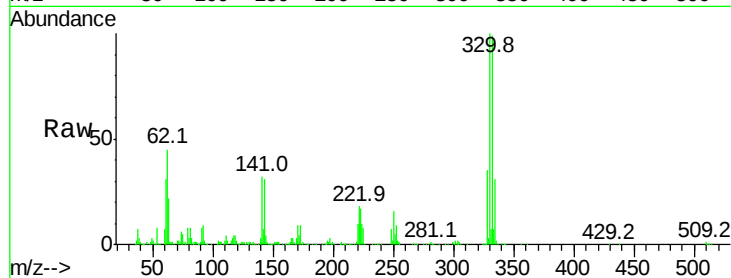
Tot Ion:330 Resp: 877965

Ion Ratio Lower Upper

330 100

332 97.4 0.0 0.0#

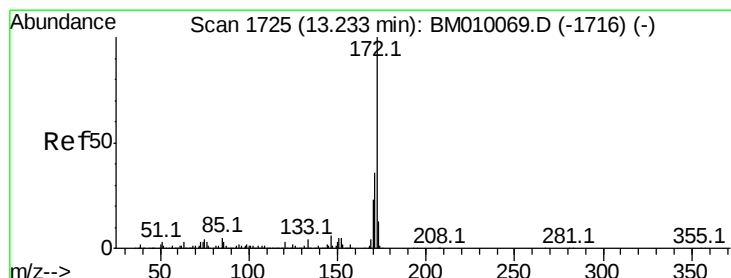
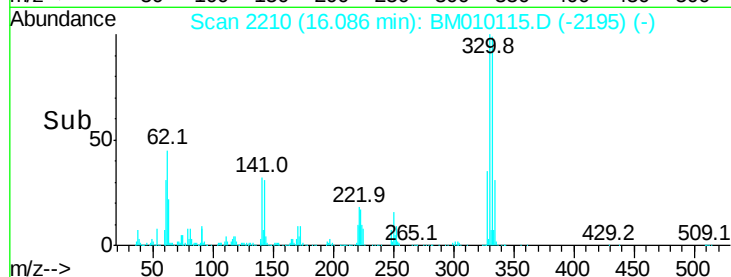
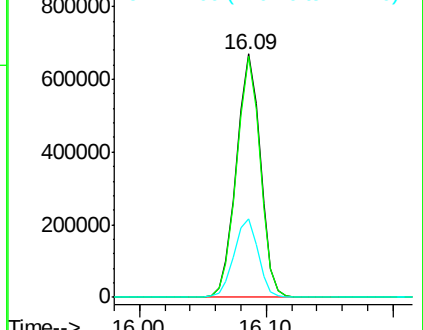
141 32.4 0.0 0.0#



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: 266.45 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BM010115.D

Acq: 22 May 2017 22:48

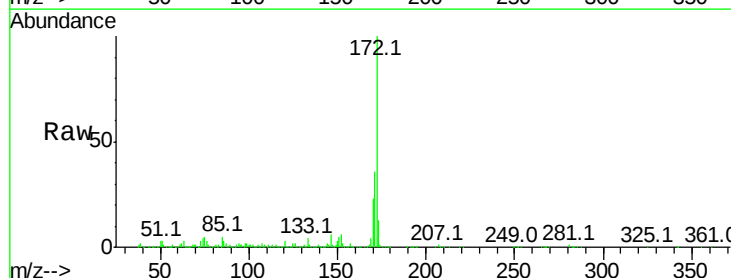
Tgt Ion:172 Resp: 3006545

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

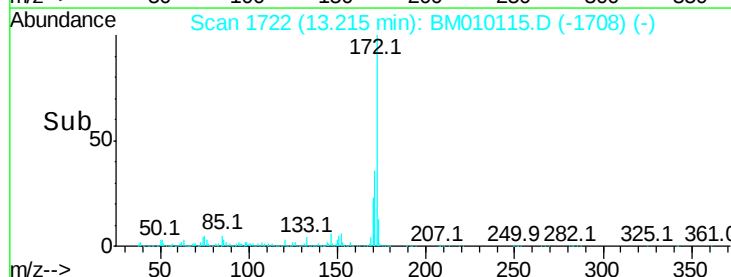
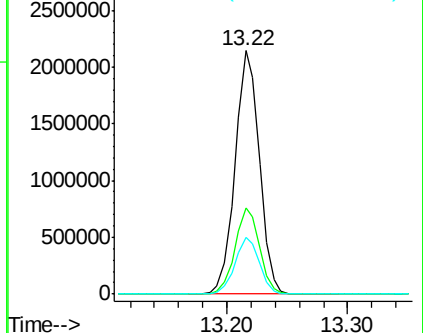
170 23.4 18.8 28.2

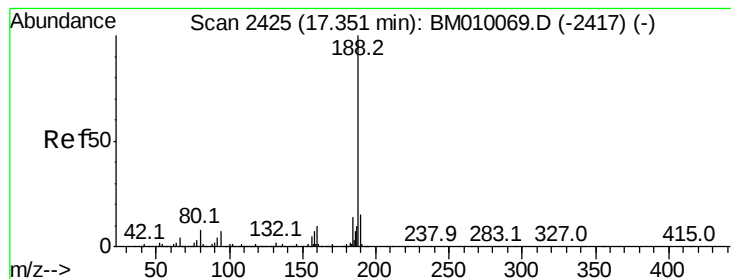


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.34 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BM010115.D

Acq: 22 May 2017 22:48

Instrument :

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ClientSampleId :

SB-10COMPRES

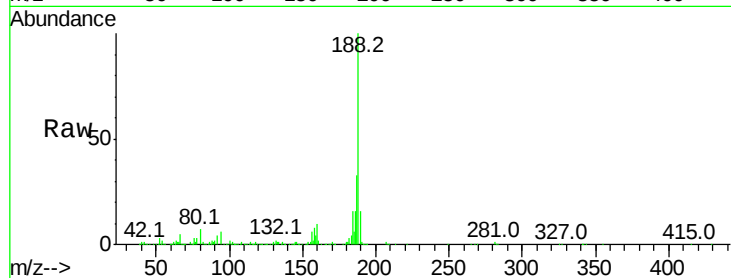
Tot Ion:188 Resp: 602238

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

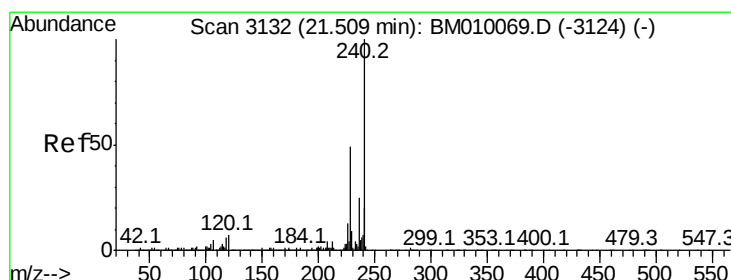
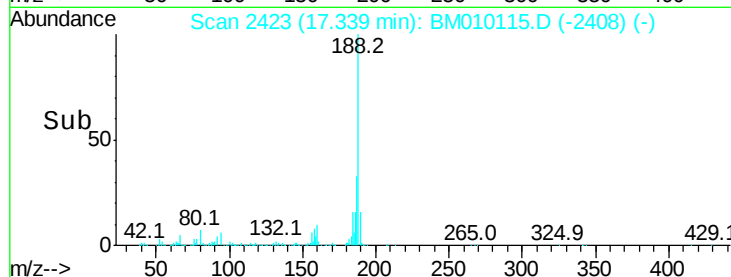
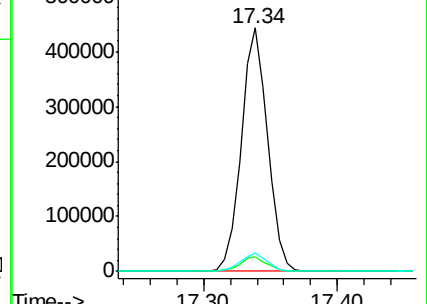
80 7.4 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.50 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM010115.D

Acq: 22 May 2017 22:48

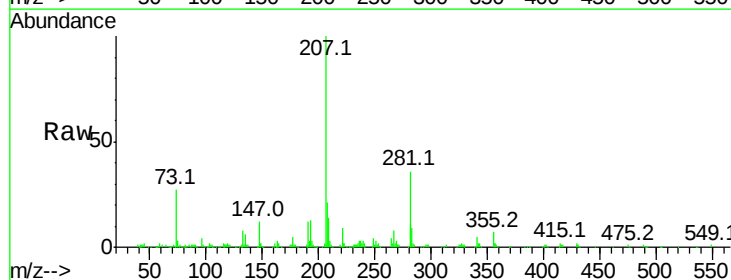
Tgt Ion:240 Resp: 5301

Ion Ratio Lower Upper

240 100

120 29.0 8.2 12.2#

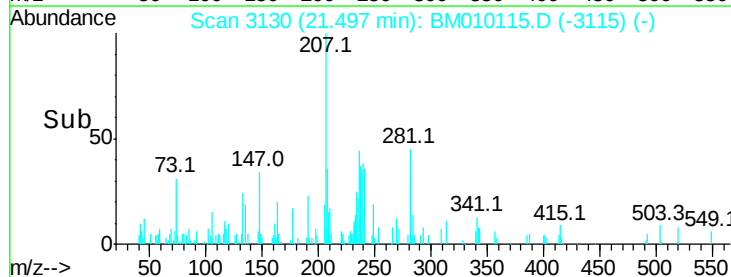
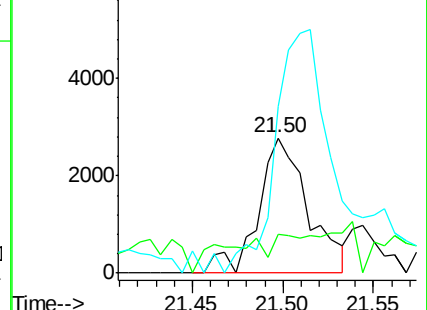
236 123.1 20.0 30.0#

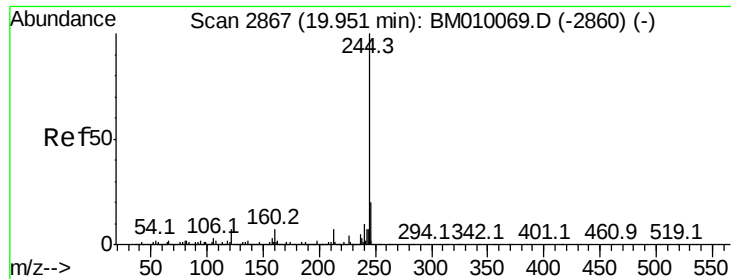


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 3218.79 ng

RT: 19.94 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM010115.D

Acq: 22 May 2017 22:48

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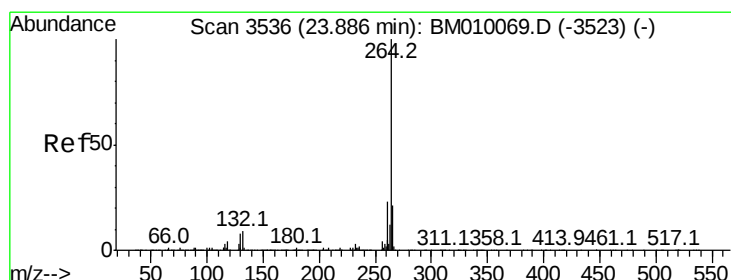
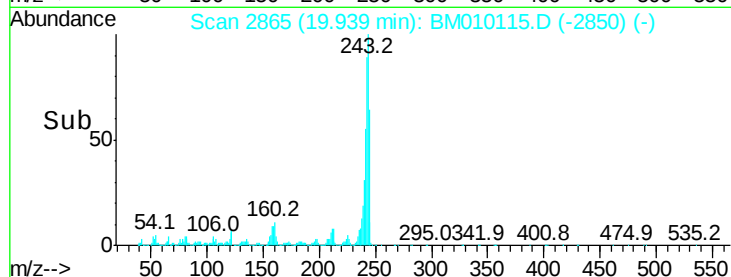
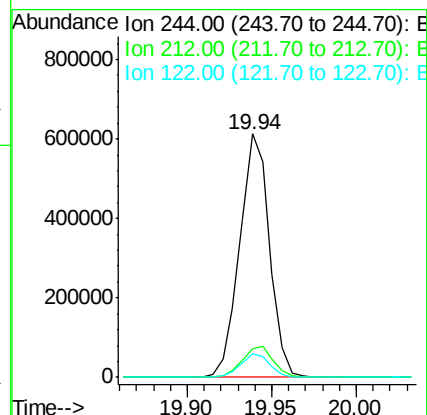
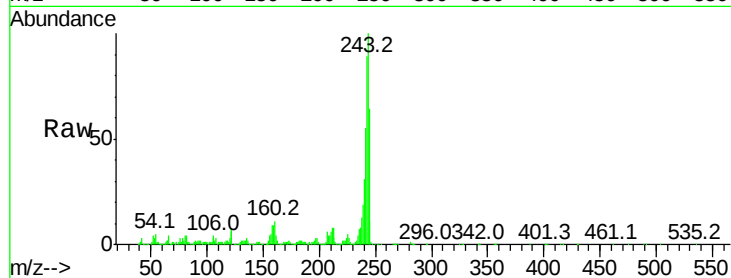
Tot Ion:244 Resp: 750407

Ion Ratio Lower Upper

244 100

212 11.8 4.9 7.3#

122 9.4 6.2 9.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.85 min Scan# 3530

Delta R.T. -0.04 min

Lab File: BM010115.D

Acq: 22 May 2017 22:48

Tgt Ion:264 Resp: 696

Ion Ratio Lower Upper

264 100

260 112.1 18.6 27.8#

265 1802.3 17.3 25.9#

