

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010107.D
 Acq On : 22 May 2017 17:58
 Operator : SJ/MA
 Sample : PB99095BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99095BL

Quant Time: May 23 06:11:04 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	150578	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	494447	20.00	ng	-0.01
38) Acenaphthene-d10	14.59	164	298189	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	728504	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1126137	20.00	ng	-0.01
86) Perylene-d12	23.86	264	1294619	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1004845	120.51	ng	-0.01
7) Phenol-d6	7.15	99	1195468	111.42	ng	-0.02
23) Nitrobenzene-d5	9.15	82	761170	83.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	506946	111.94	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	1934836	83.42	ng	-0.02
78) Terphenyl-d14	19.94	244	3396505	68.58	ng	-0.01

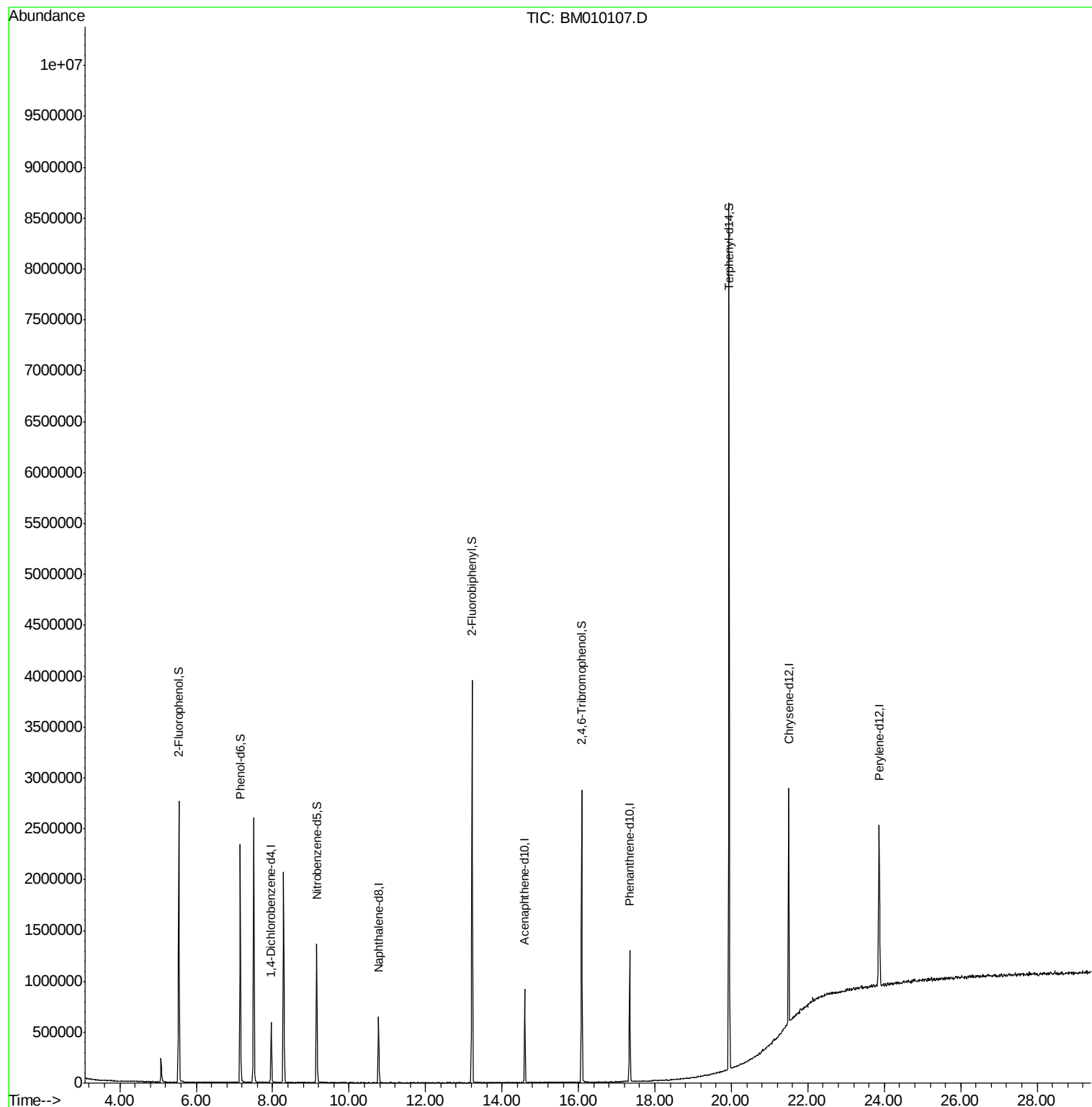
Target Compounds Qvalue

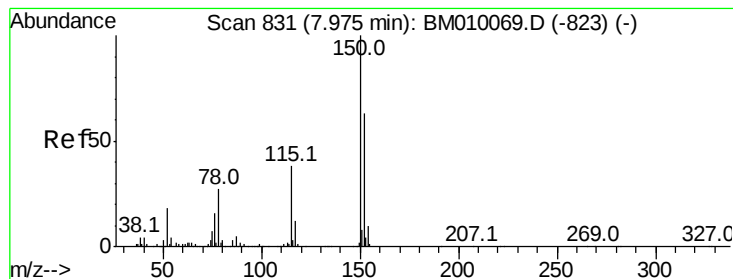
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010107.D

Acq: 22 May 2017 17:58

Instrument :

BNA_M

ClientSampleId :

PB99095BL

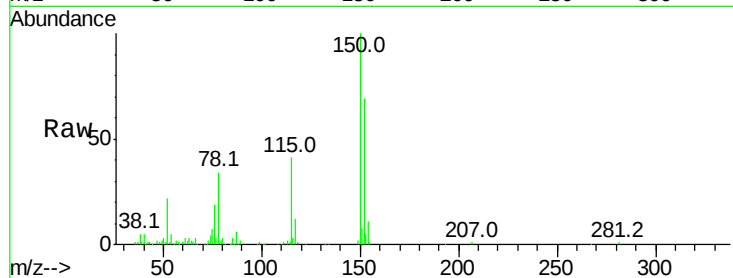
Tot Ion:152 Resp: 150578

Ion Ratio Lower Upper

152 100

150 145.8 119.5 179.3

115 59.2 43.0 64.4

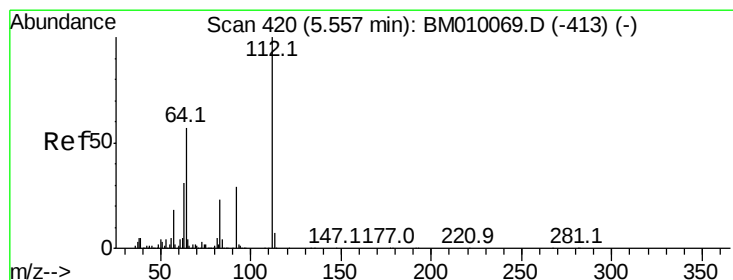
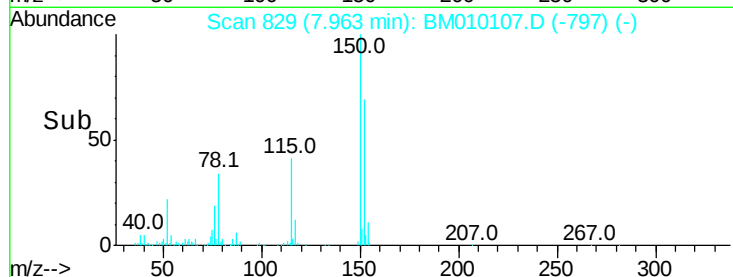
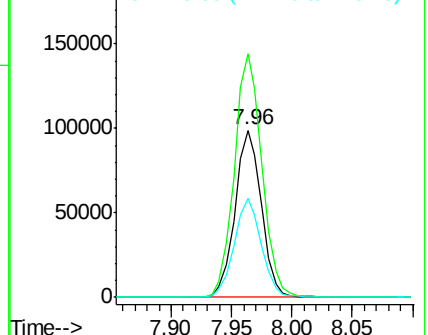


Abundance

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: 120.51 ng

RT: 5.55 min Scan# 418

Delta R.T. -0.01 min

Lab File: BM010107.D

Acq: 22 May 2017 17:58

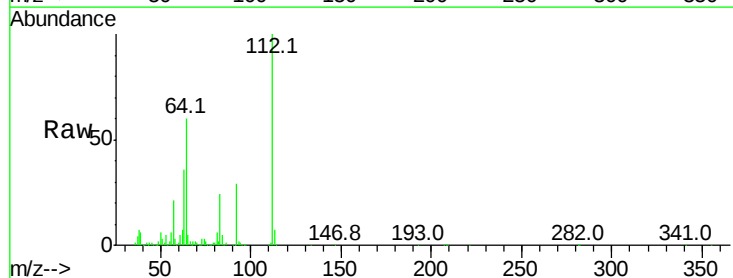
Tgt Ion:112 Resp: 1004845

Ion Ratio Lower Upper

112 100

64 59.8 38.6 57.8#

63 35.8 19.3 28.9#

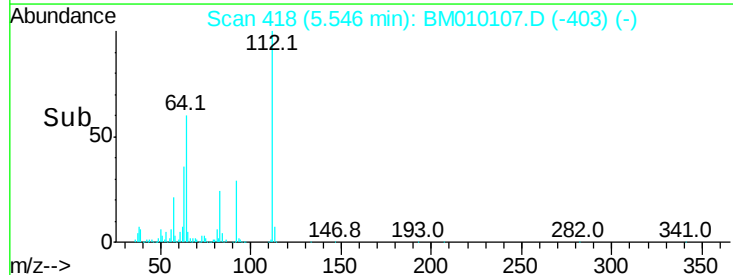
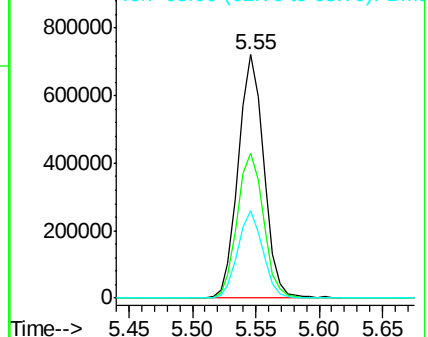


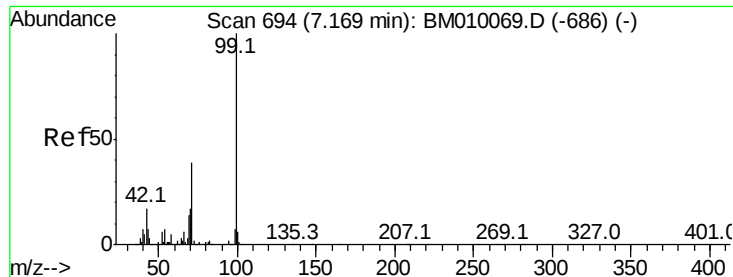
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 111.42 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010107.D

Acq: 22 May 2017 17:58

Instrument :

BNA_M

ClientSampled :

PB99095BL

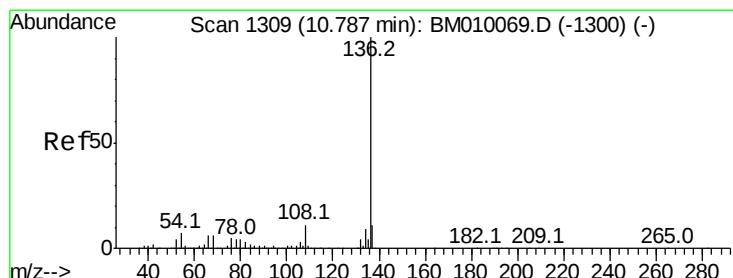
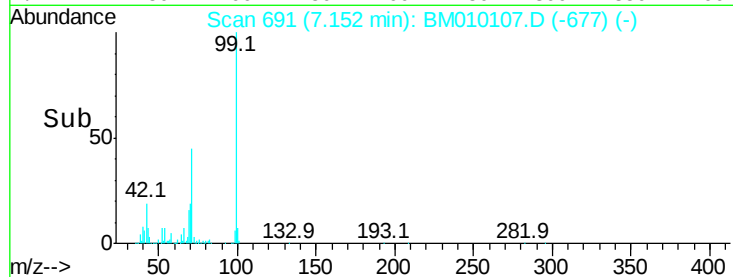
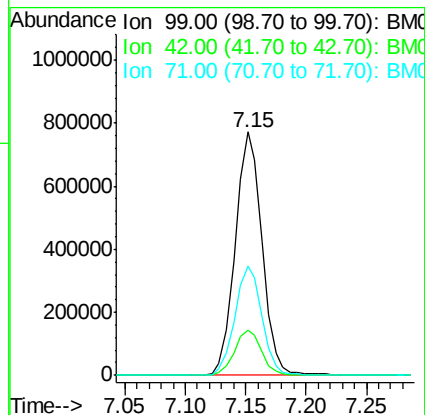
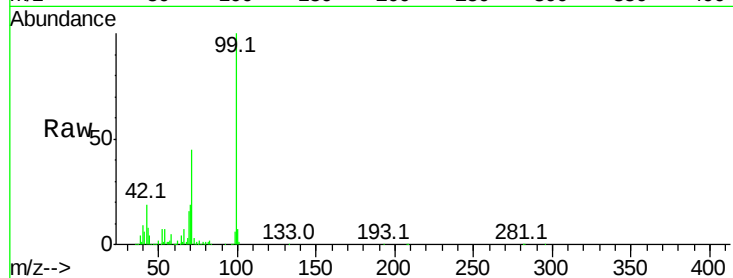
Tot Ion: 99 Resp: 1195468

Ion Ratio Lower Upper

99 100

42 18.8 11.0 16.4#

71 44.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM010107.D

Acq: 22 May 2017 17:58

Tgt Ion: 136 Resp: 494447

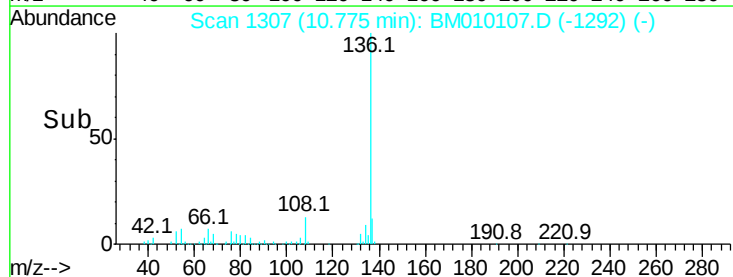
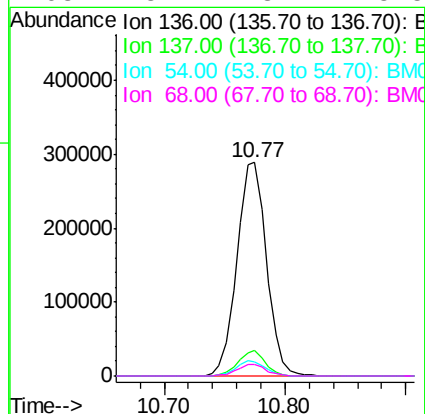
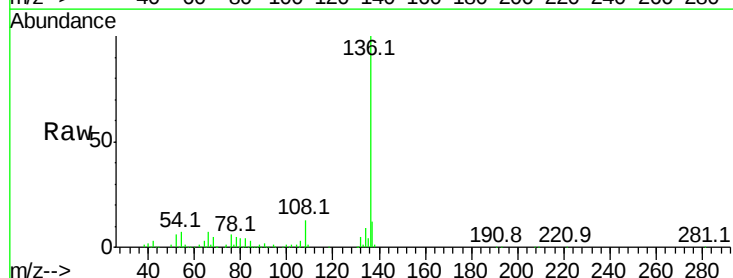
Ion Ratio Lower Upper

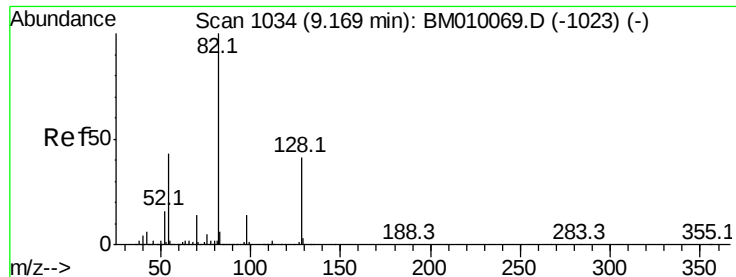
136 100

137 11.7 8.7 13.1

54 6.9 4.6 6.8#

68 5.2 3.7 5.5

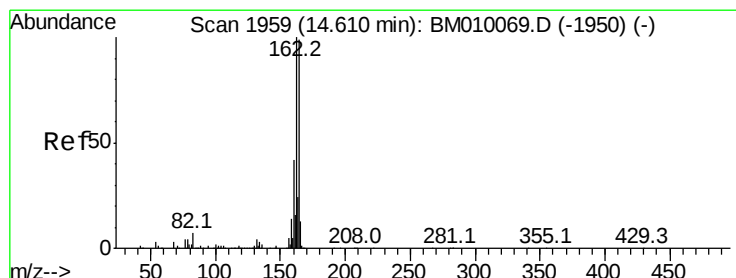
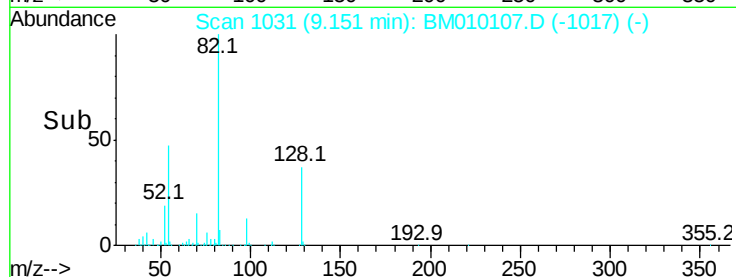
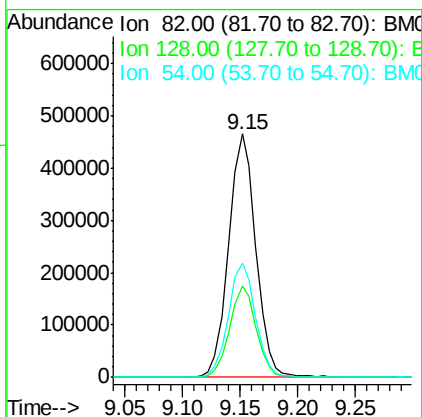
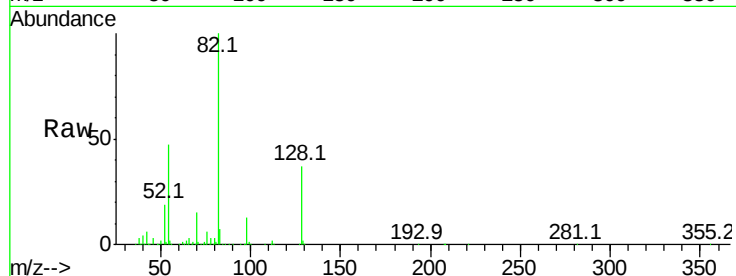




#23
 Nitrobenzene-d5
 Concen: 83.05 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BM010107.D
 Acq: 22 May 2017 17:58

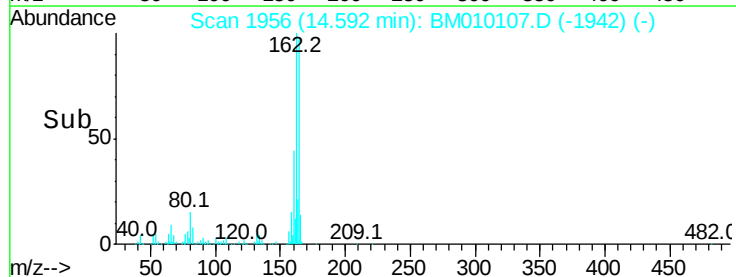
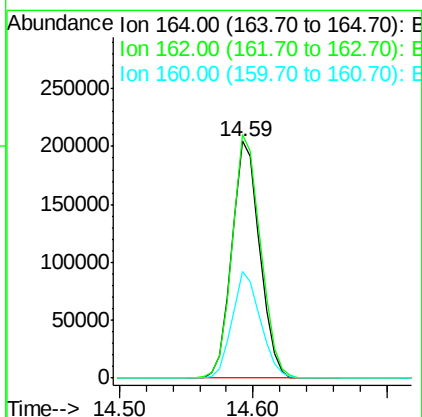
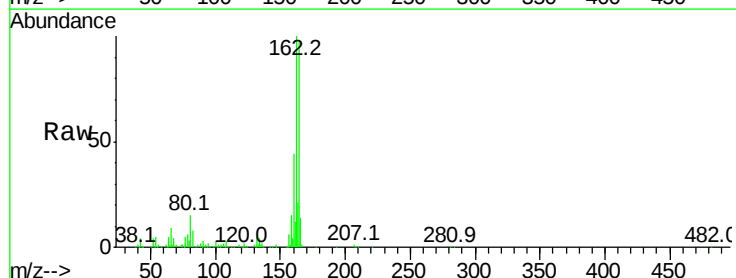
Instrument :
 BNA_M
 ClientSampleId :
 PB99095BL

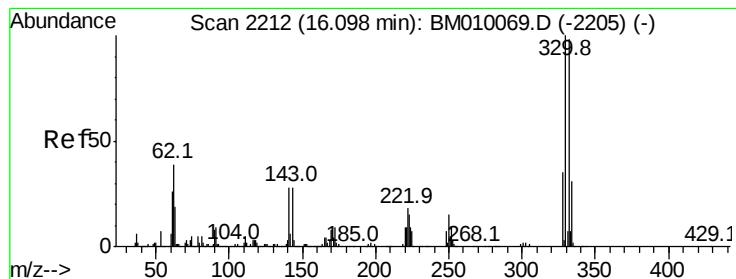
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	32.8	49.2
54	47.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1956
 Delta R.T. -0.02 min
 Lab File: BM010107.D
 Acq: 22 May 2017 17:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.4	123.6
160	44.9	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 111.94 ng

RT: 16.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BM010107.D

Acq: 22 May 2017 17:58

Instrument :

BNA_M

ClientSampleId :

PB99095BL

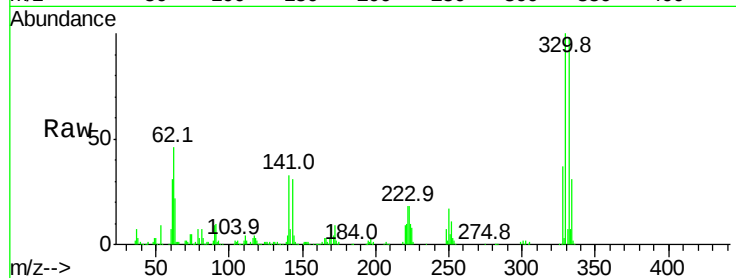
Tot Ion:330 Resp: 506946

Ion Ratio Lower Upper

330 100

332 98.2 0.0 0.0#

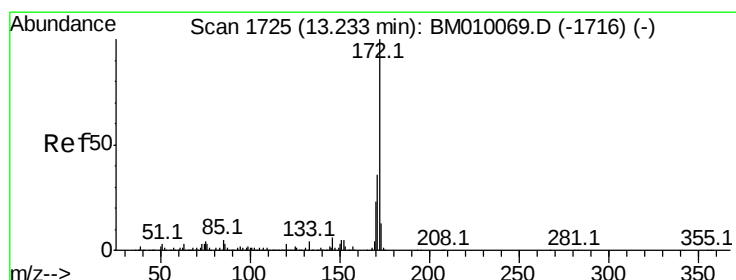
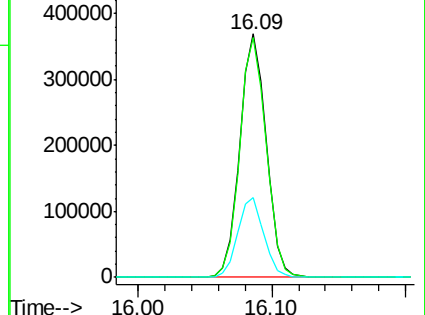
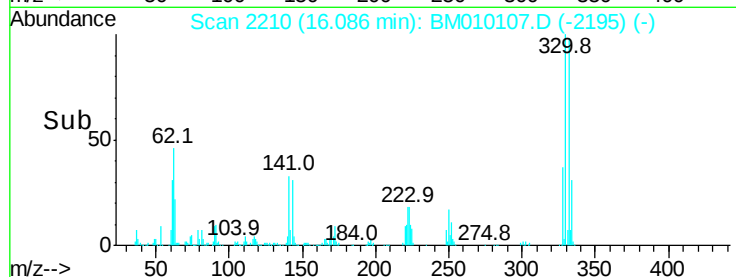
141 32.4 0.0 0.0#



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: 83.42 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BM010107.D

Acq: 22 May 2017 17:58

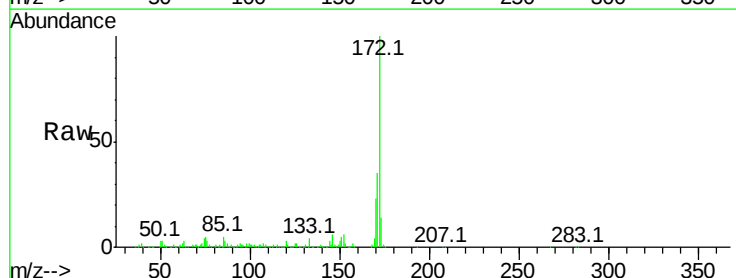
Tgt Ion:172 Resp: 1934836

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

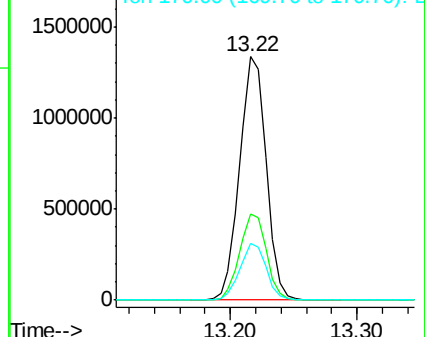
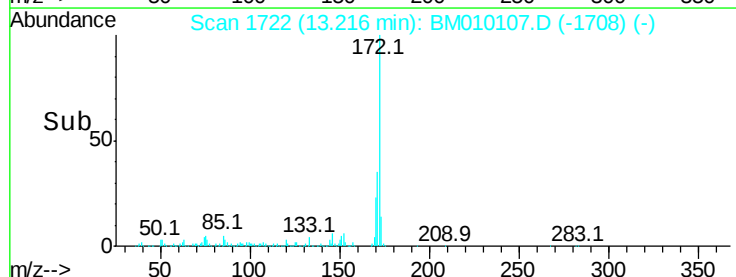
170 23.5 18.8 28.2

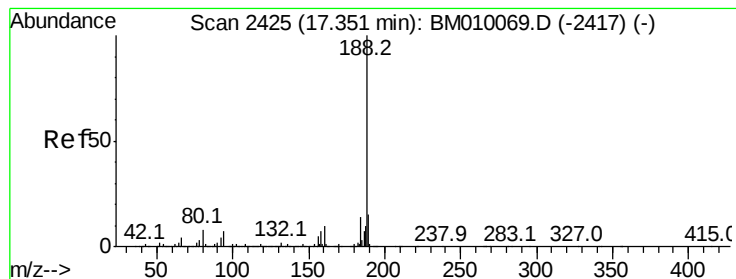


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM010107.D

Acq: 22 May 2017 17:58

Instrument :

BNA_M

ClientSampleId :

PB99095BL

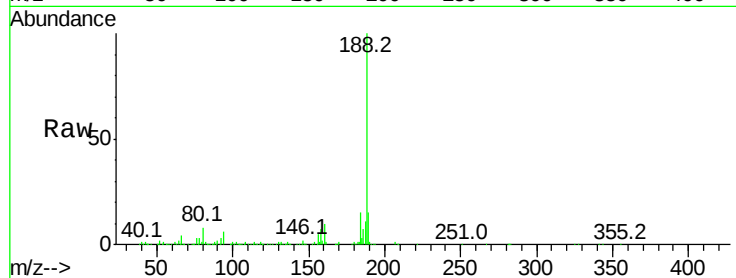
Tot Ion:188 Resp: 728504

Ion Ratio Lower Upper

188 100

94 5.7 8.7 13.1#

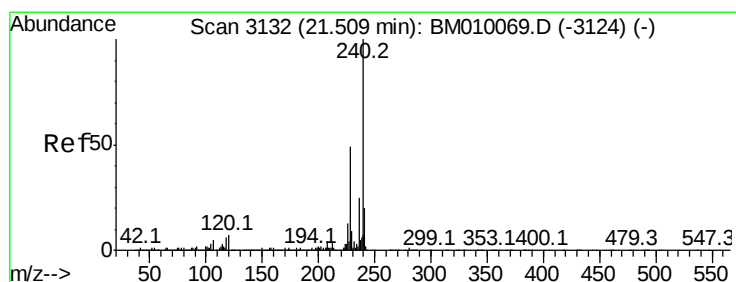
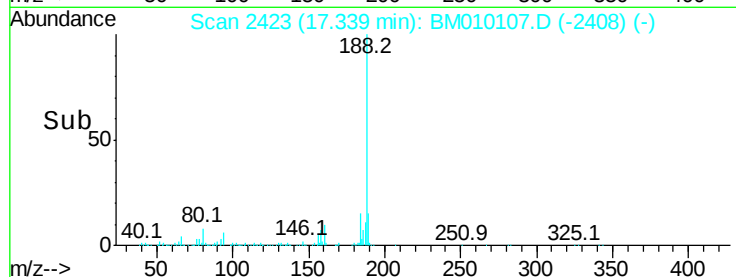
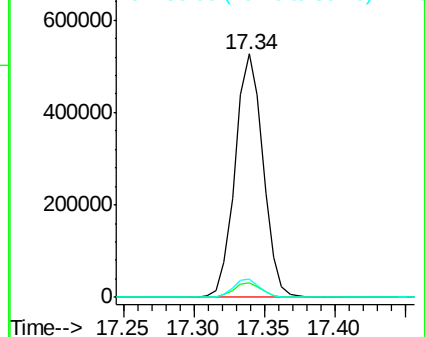
80 7.7 9.3 13.9#



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: BM010107.D

Acq: 22 May 2017 17:58

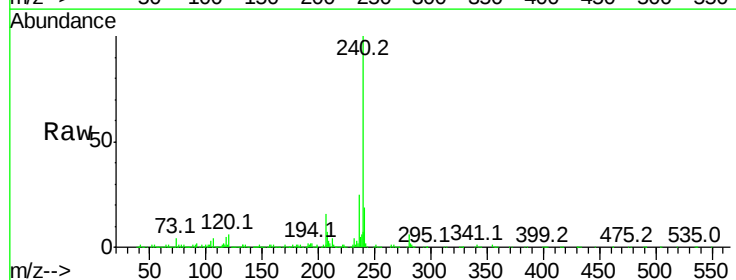
Tgt Ion:240 Resp: 1126137

Ion Ratio Lower Upper

240 100

120 5.9 8.2 12.2#

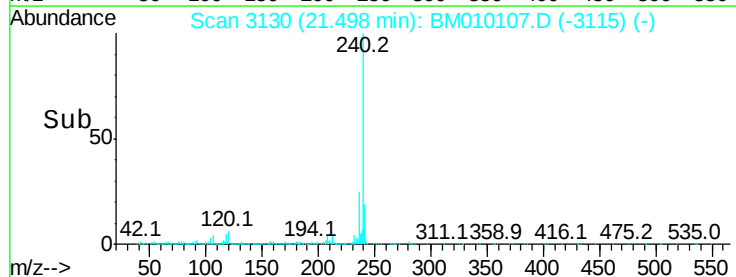
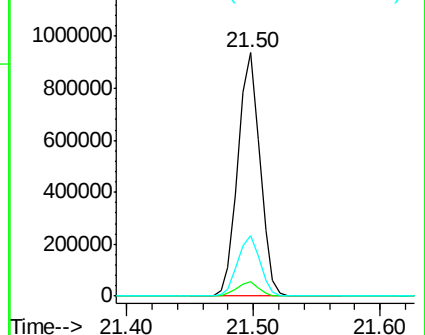
236 25.0 20.0 30.0

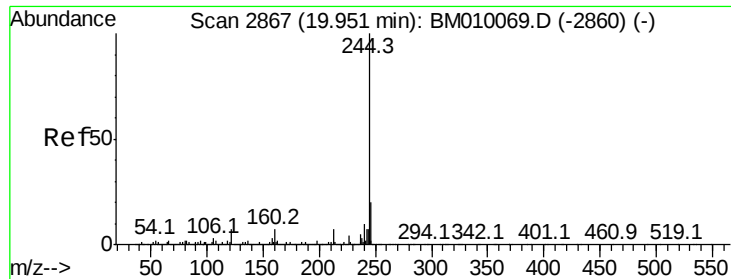


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

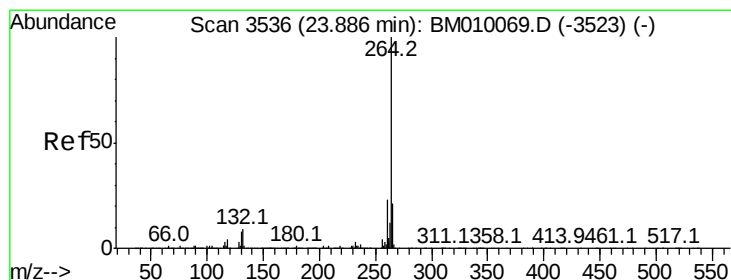
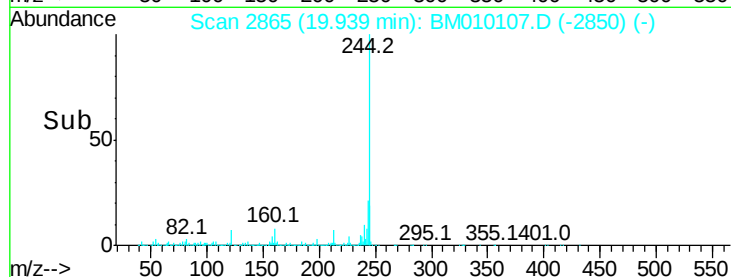
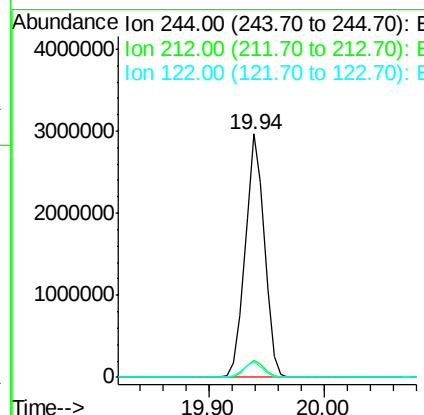
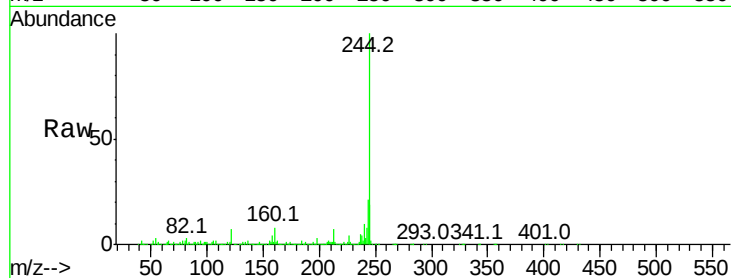




#78
 Terphenyl-d14
 Concen: 68.58 ng
 RT: 19.94 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BM010107.D
 Acq: 22 May 2017 17:58

Instrument :
 BNA_M
 ClientSampleId :
 PB99095BL

Tot Ion:244 Resp: 3396505
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.9 7.3
 122 6.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.86 min Scan# 3532
 Delta R.T. -0.02 min
 Lab File: BM010107.D
 Acq: 22 May 2017 17:58

Tgt Ion:264 Resp: 1294619
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 22.8 17.3 25.9

