

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010042.D
 Acq On : 15 May 2017 16:30
 Operator : SJ/MA
 Sample : PB98946TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98946TB

Quant Time: May 16 04:18:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	51847	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	176624	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	89242	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	190775	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	218161	20.00	ng	-0.02
86) Perylene-d12	23.66	264	215043	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	364237	109.94	ng	-0.02
7) Phenol-d6	6.94	99	497910	93.79	ng	-0.03
23) Nitrobenzene-d5	8.93	82	378430	78.30	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	115377	94.47	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	538651	80.72	ng	-0.03
78) Terphenyl-d14	19.79	244	663899	64.14	ng	-0.02

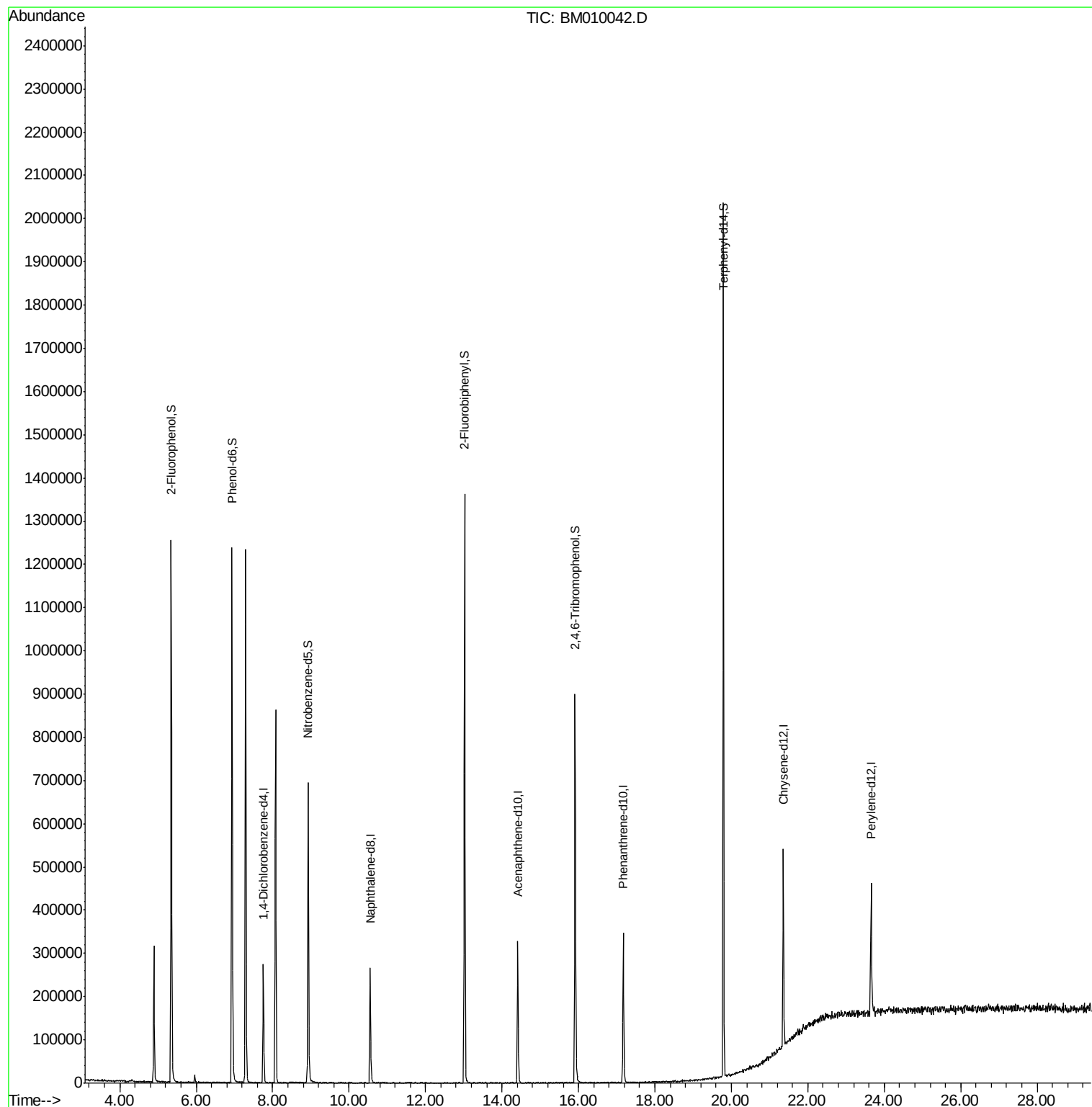
Target Compounds Qvalue

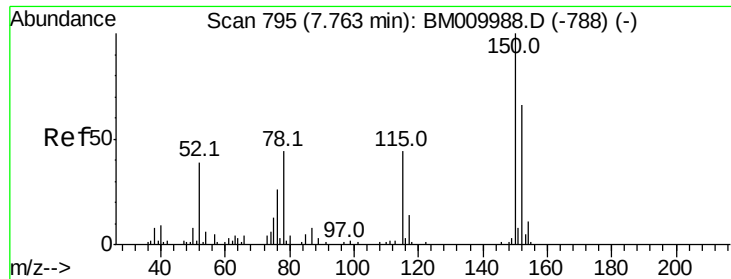
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM010042.D

Acq: 15 May 2017 16:30

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ClientSampleId :

PB98946TB

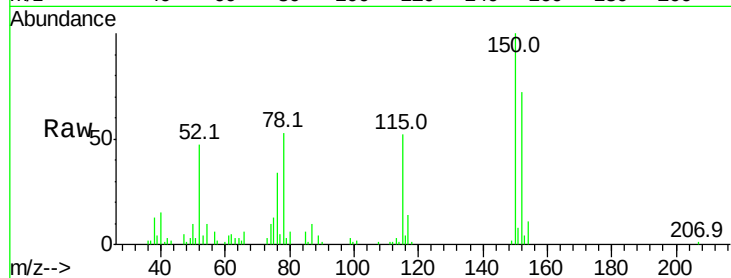
Tot Ion:152 Resp: 51847

Ion Ratio Lower Upper

152 100

150 138.5 119.5 179.3

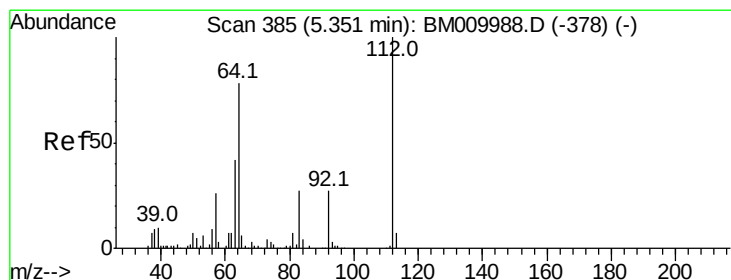
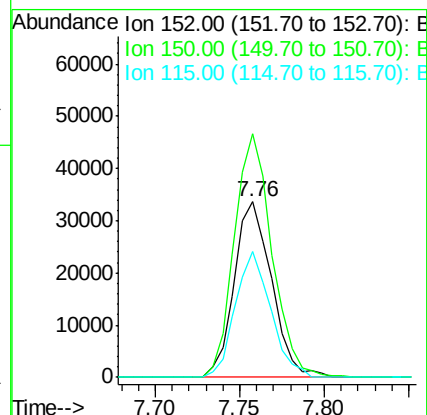
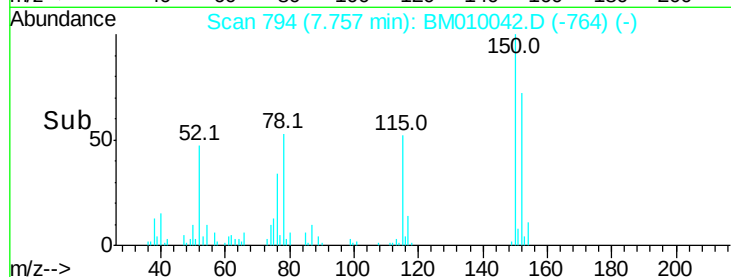
115 72.0 43.0 64.4#



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: 109.94 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010042.D

Acq: 15 May 2017 16:30

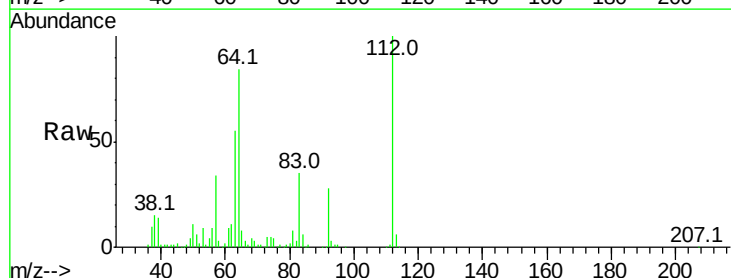
Tgt Ion:112 Resp: 364237

Ion Ratio Lower Upper

112 100

64 84.5 38.6 57.8#

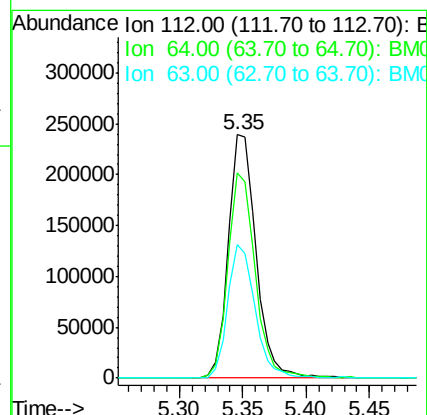
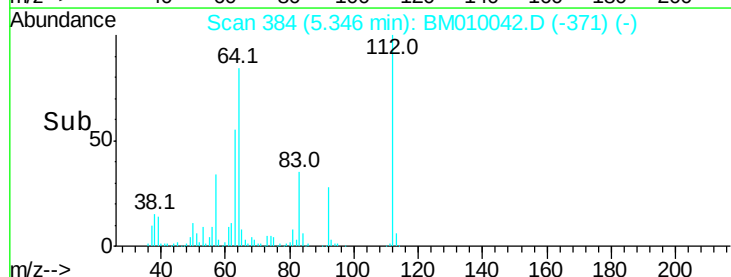
63 54.9 19.3 28.9#

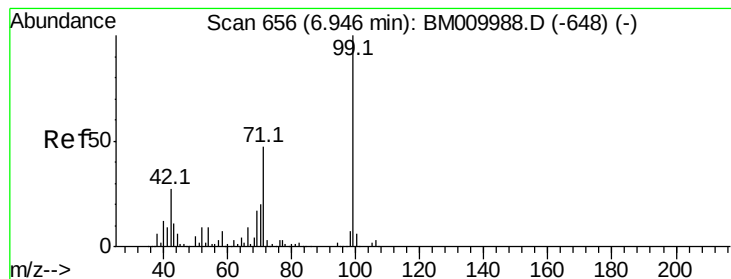


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 93.79 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010042.D

Acq: 15 May 2017 16:30

Instrument :

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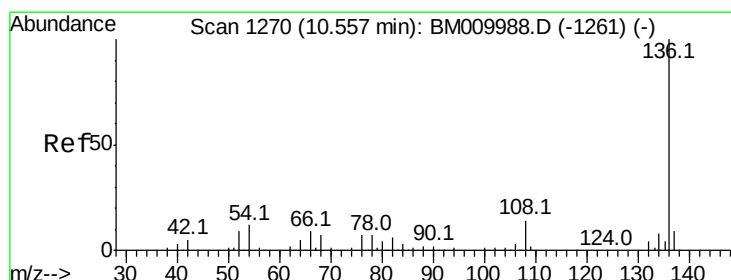
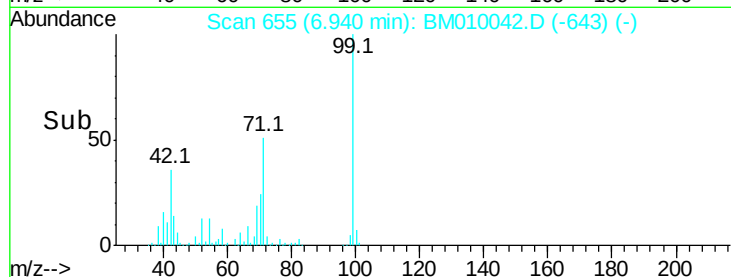
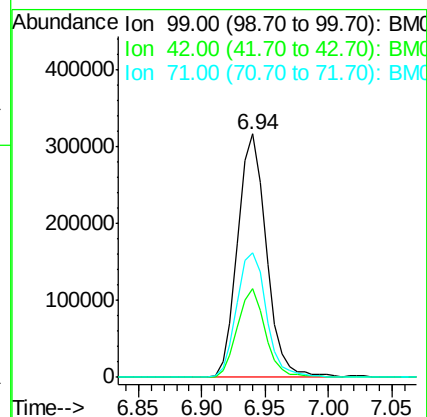
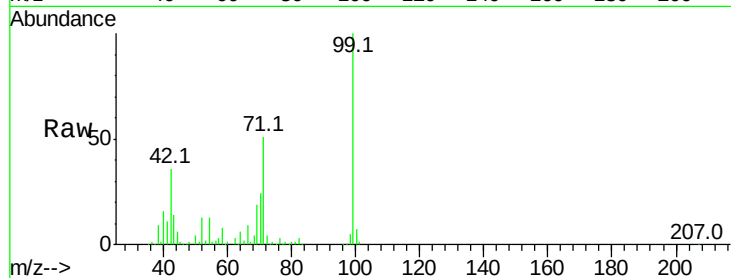
Tot Ion: 99 Resp: 497910

Ion Ratio Lower Upper

99 100

42 36.3 11.0 16.4#

71 51.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.03 min

Lab File: BM010042.D

Acq: 15 May 2017 16:30

Tgt Ion: 136 Resp: 176624

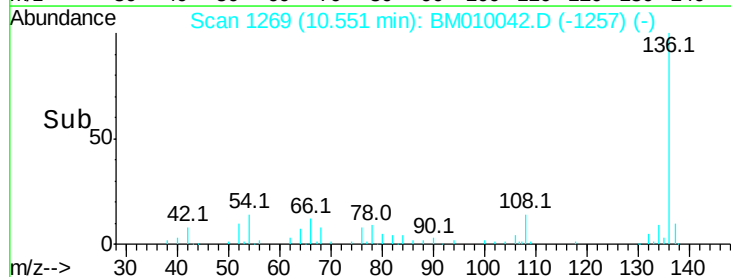
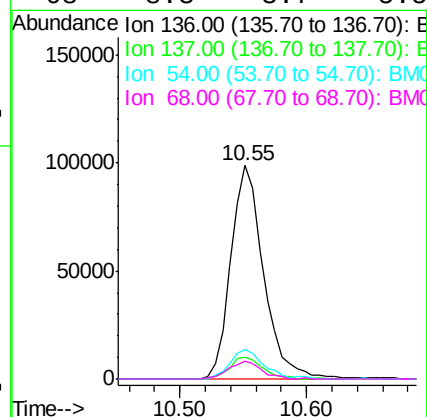
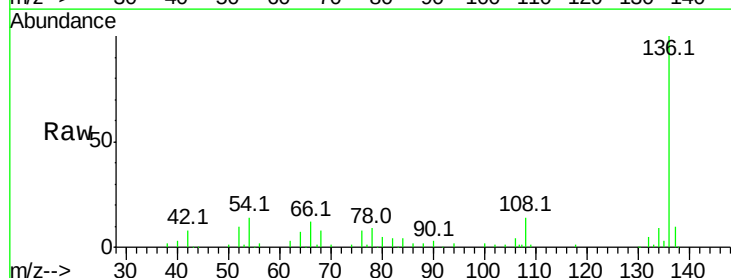
Ion Ratio Lower Upper

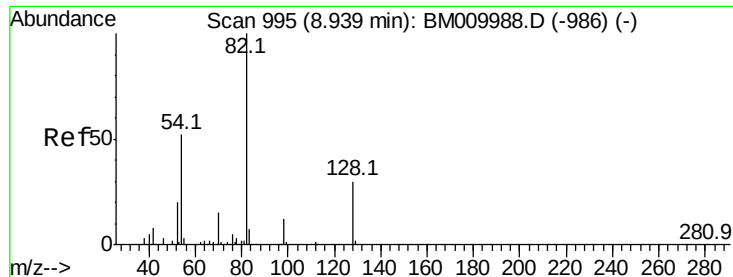
136 100

137 10.0 8.7 13.1

54 13.8 4.6 6.8#

68 8.3 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 78.30 ng

RT: 8.93 min Scan# 993

Delta R.T. -0.03 min

Lab File: BM010042.D

Acq: 15 May 2017 16:30

Instrument :

BNA_M

ClientSampleId :

PB98946TB

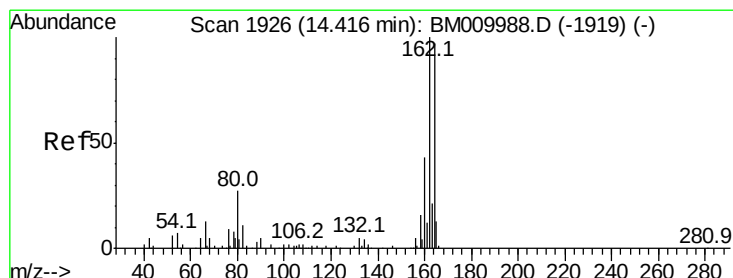
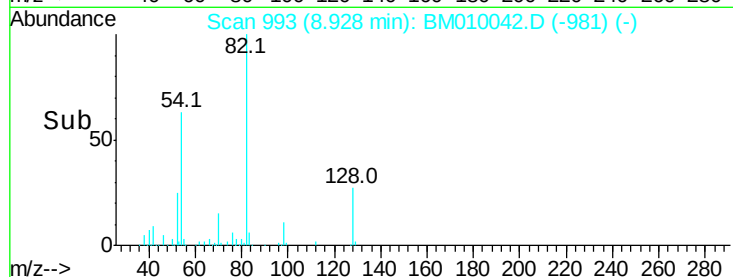
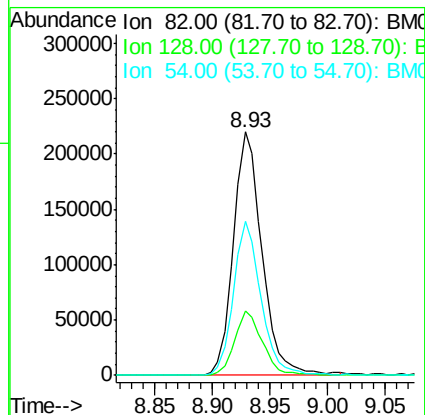
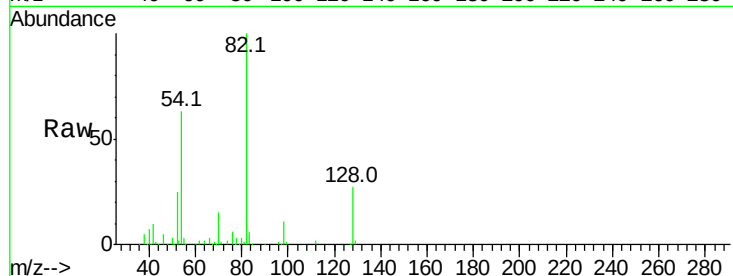
Tot Ion: 82 Resp: 378430

Ion Ratio Lower Upper

82 100

128 26.7 32.8 49.2#

54 63.4 40.6 60.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM010042.D

Acq: 15 May 2017 16:30

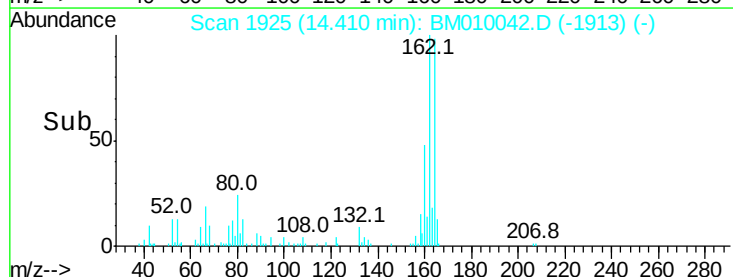
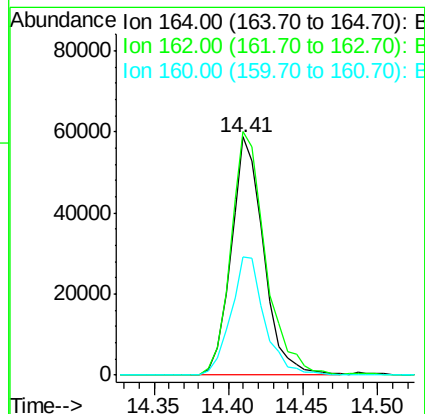
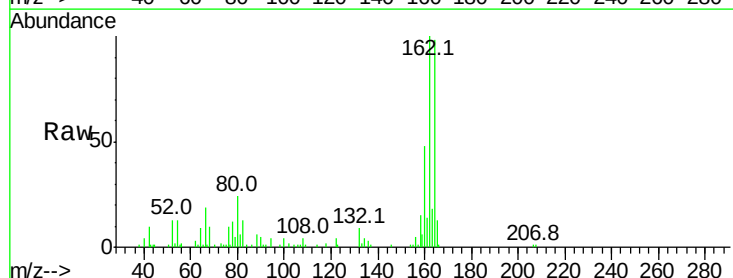
Tgt Ion: 164 Resp: 89242

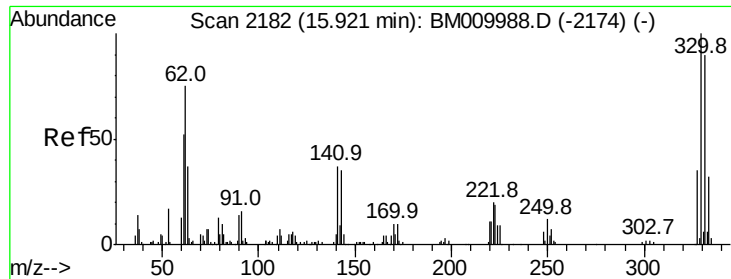
Ion Ratio Lower Upper

164 100

162 102.3 82.4 123.6

160 49.4 35.8 53.6

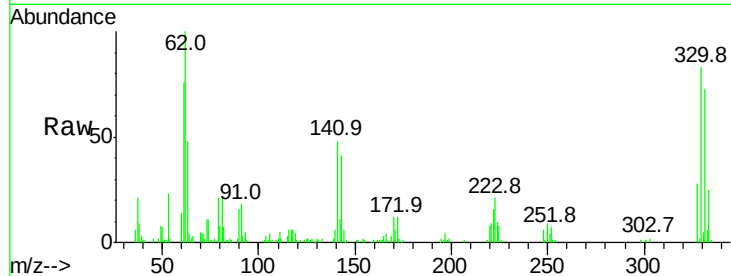




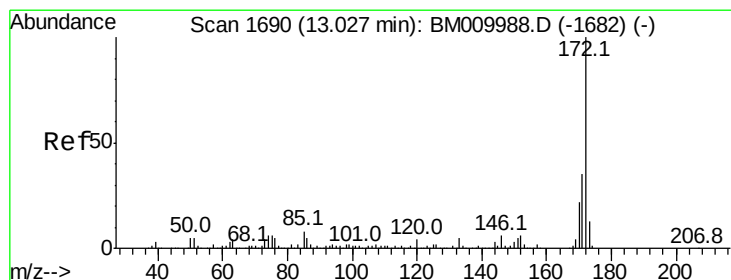
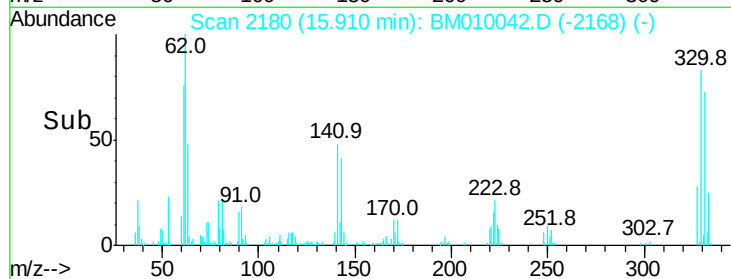
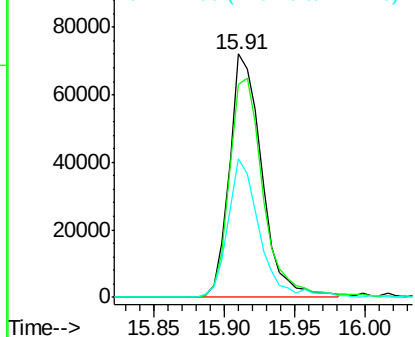
#41
 2,4,6-Tribromophenol
 Concen: 94.47 ng
 RT: 15.91 min Scan# 2180
 Delta R.T. -0.03 min
 Lab File: BM010042.D
 Acq: 15 May 2017 16:30

Instrument :
 BNA_M
 ClientSampleID :
 PB98946TB

Tot Ion:330 Resp: 115377
 Ion Ratio Lower Upper
 330 100
 332 93.5 0.0 0.0#
 141 55.4 0.0 0.0#

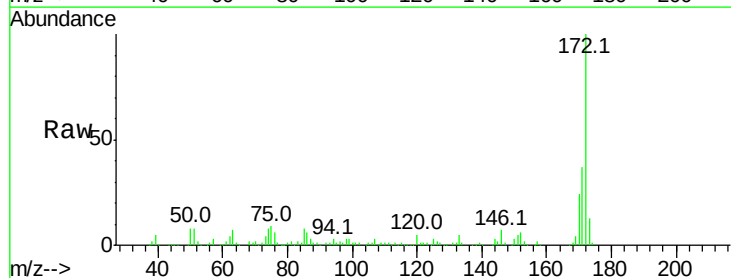


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

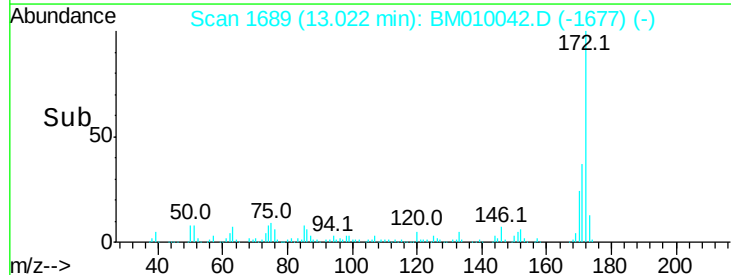
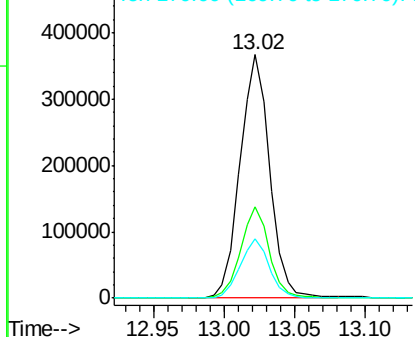


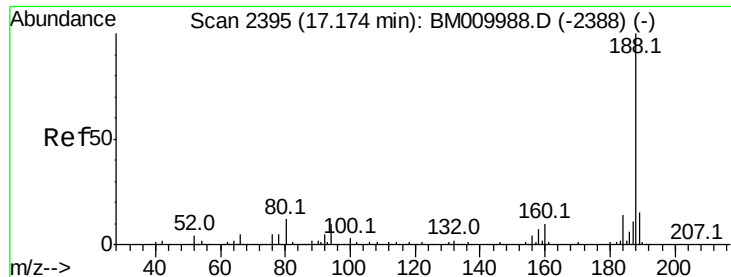
#44
 2-Fluorobiphenyl
 Concen: 80.72 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.03 min
 Lab File: BM010042.D
 Acq: 15 May 2017 16:30

Tgt Ion:172 Resp: 538651
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.5 42.7
 170 24.2 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: 17.17 min Scan# 2394

Delta R.T. -0.03 min

Lab File: BM010042.D

Acq: 15 May 2017 16:30

Instrument :

BNA_M

ClientSampleId :

PB98946TB

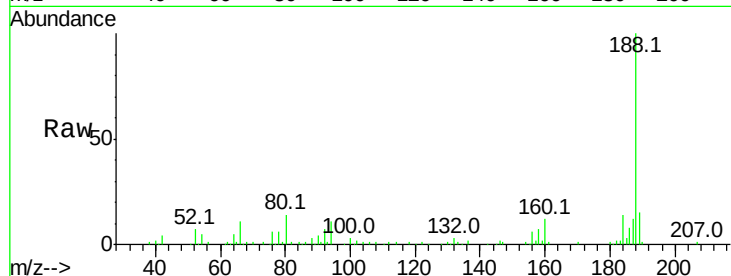
Tot Ion:188 Resp: 190775

Ion Ratio Lower Upper

188 100

94 11.5 8.7 13.1

80 13.6 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

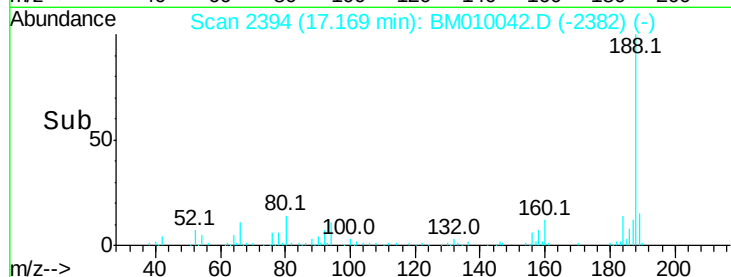
150000

100000

50000

0

Time-->



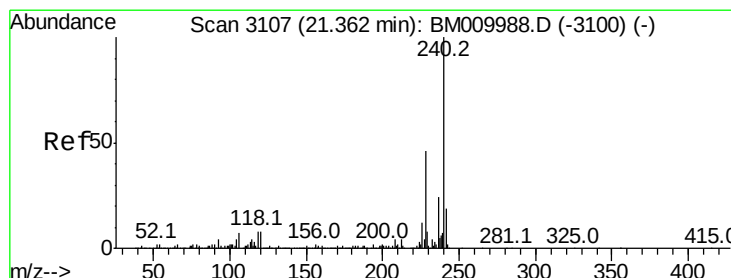
17.17

100000

50000

0

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM010042.D

Acq: 15 May 2017 16:30

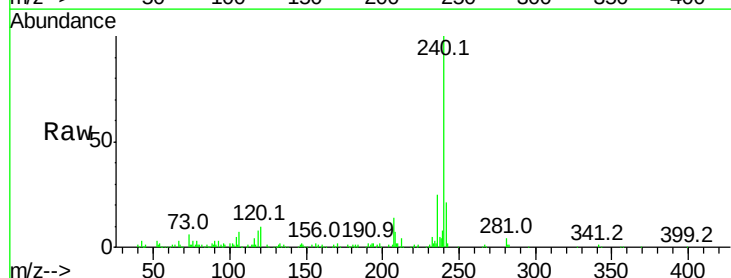
Tgt Ion:240 Resp: 218161

Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.2

236 24.6 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

200000

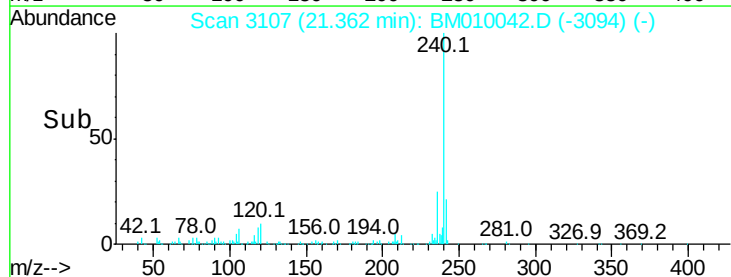
150000

100000

50000

0

Time-->



21.36

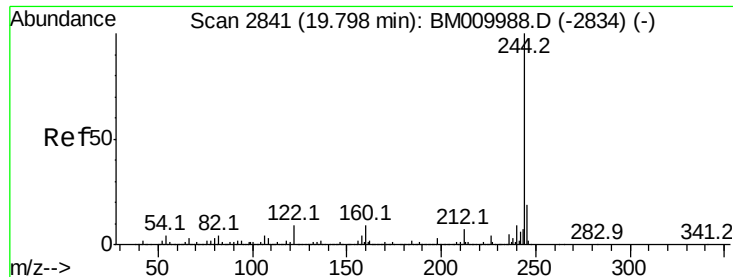
150000

100000

50000

0

Time-->



#78

Terphenyl-d14

Concen: 64.14 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010042.D

Acq: 15 May 2017 16:30

Instrument :

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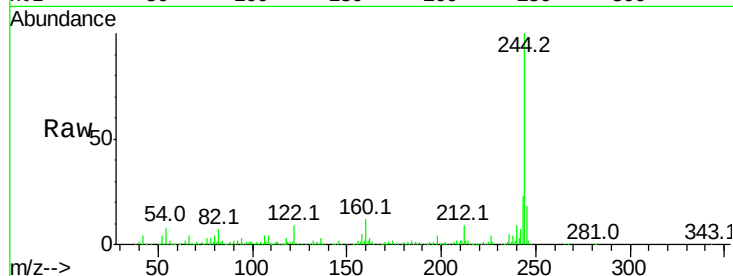
Tot Ion:244 Resp: 663899

Ion Ratio Lower Upper

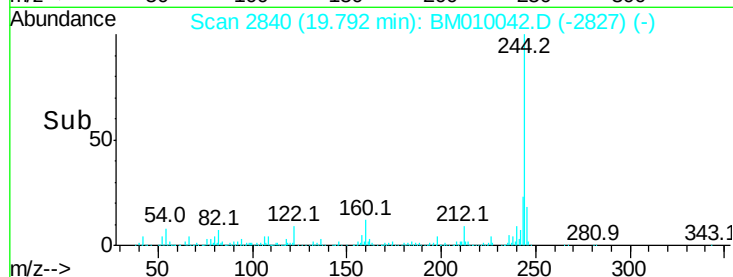
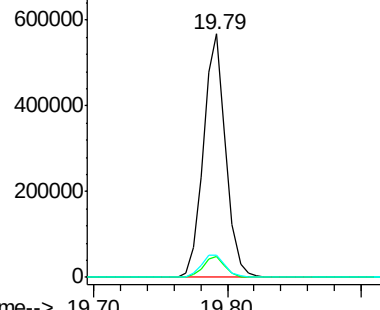
244 100

212 8.6 4.9 7.3#

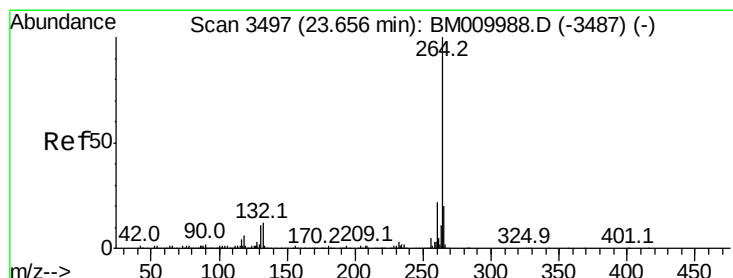
122 8.9 6.2 9.4



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



Time--> 19.70 19.80



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.66 min Scan# 3497

Delta R.T. -0.04 min

Lab File: BM010042.D

Acq: 15 May 2017 16:30

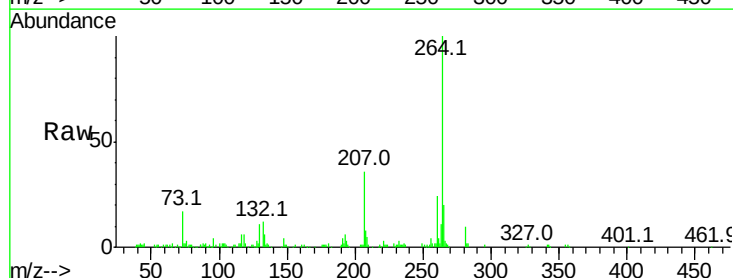
Tgt Ion:264 Resp: 215043

Ion Ratio Lower Upper

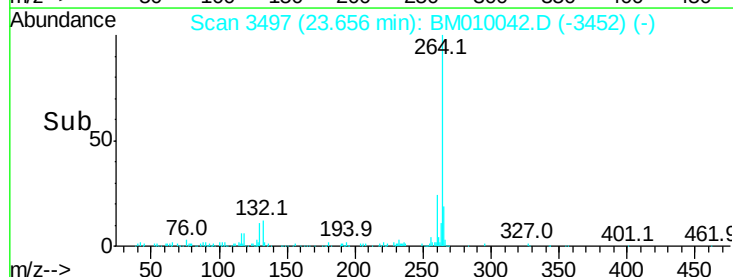
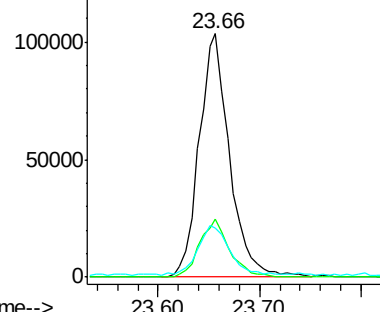
264 100

260 23.7 18.6 27.8

265 20.1 17.3 25.9



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



Time--> 23.60 23.70