

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010052.D
 Acq On : 15 May 2017 22:30
 Operator : SJ/MA
 Sample : I3147-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3COMP

Quant Time: May 16 09:02:11 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	39563	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	146140	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	73160	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	156184	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	201719	20.00	ng	-0.03
86) Perylene-d12	23.65	264	127253	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	398466	157.61	ng	-0.02
7) Phenol-d6	6.94	99	508749	125.59	ng	-0.03
23) Nitrobenzene-d5	8.93	82	473057	118.30	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	133713	133.54	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	632965	115.70	ng	-0.03
78) Terphenyl-d14	19.79	244	910362	95.11	ng	-0.02

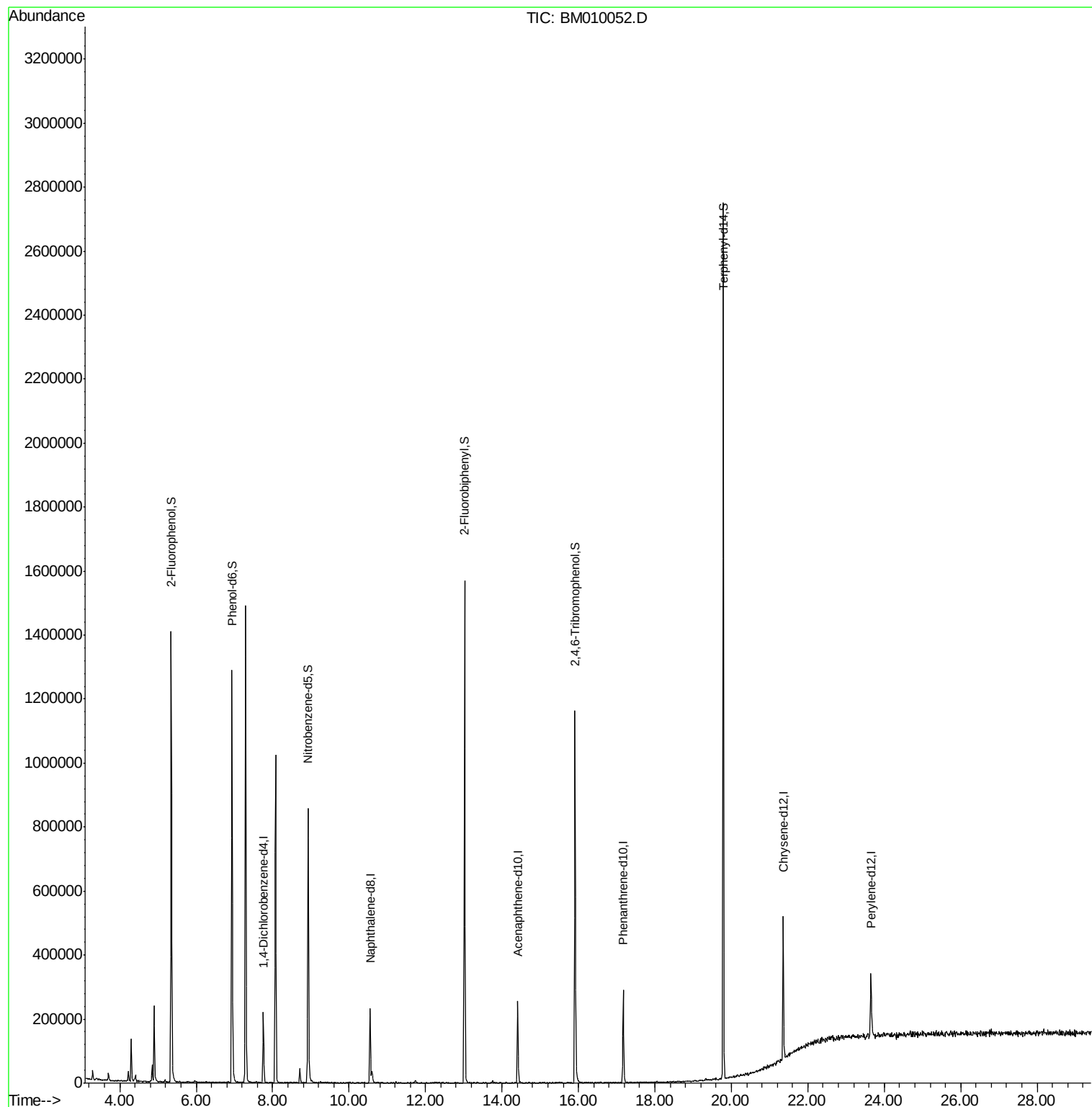
Target Compounds Qvalue

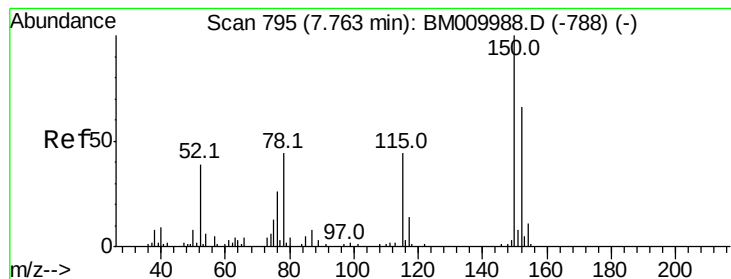
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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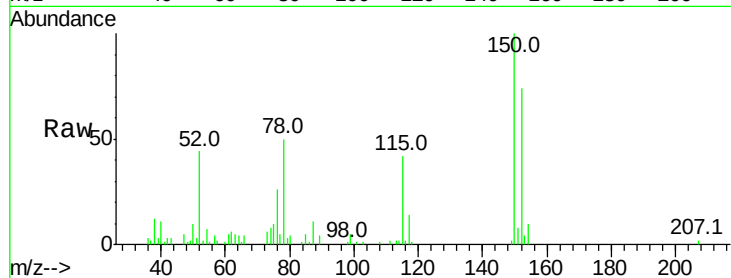


#1

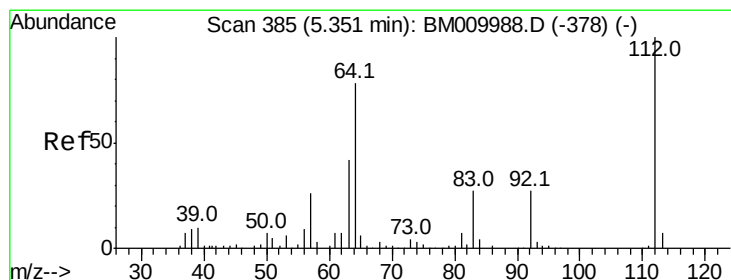
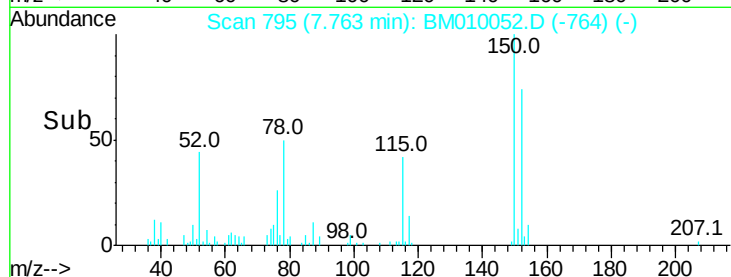
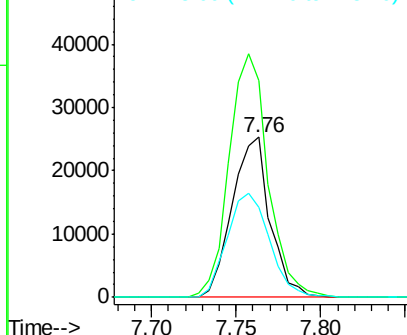
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM010052.D
Acq: 15 May 2017 22:30

Instrument :
BNA_M
ClientSampleID :
TP-3COMP

Tot Ion:152 Resp: 39563
Ion Ratio Lower Upper
152 100
150 135.2 119.5 179.3
115 56.3 43.0 64.4



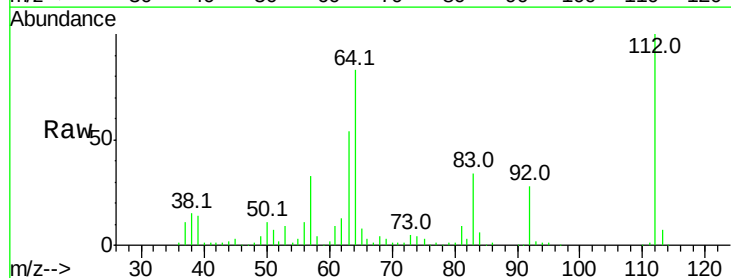
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



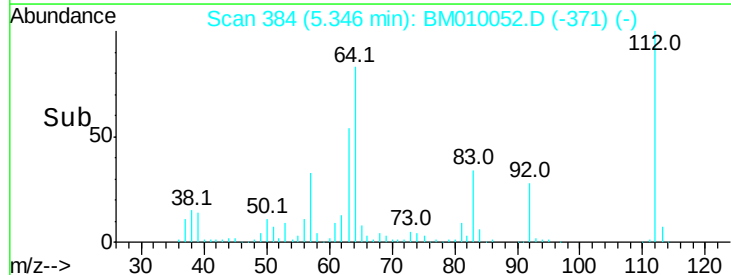
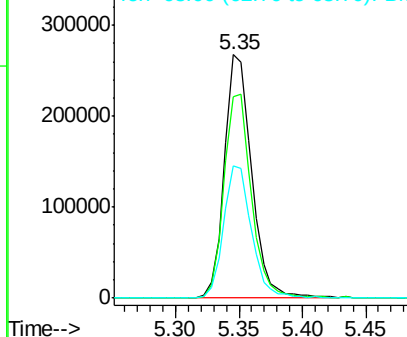
#5

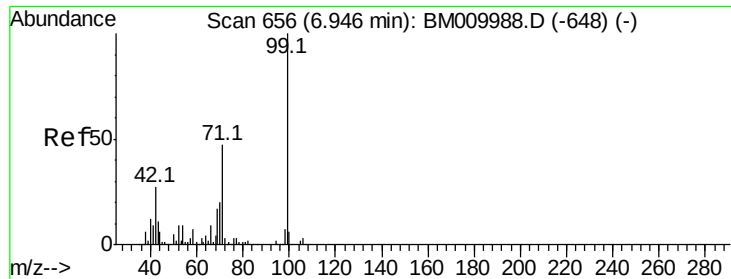
2-Fluorophenol
Concen: 157.61 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM010052.D
Acq: 15 May 2017 22:30

Tgt Ion:112 Resp: 398466
Ion Ratio Lower Upper
112 100
64 82.5 38.6 57.8#
63 54.1 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: 125.59 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010052.D

Acq: 15 May 2017 22:30

Instrument :

BNA_M

ClientSampleId :

TP-3COMP

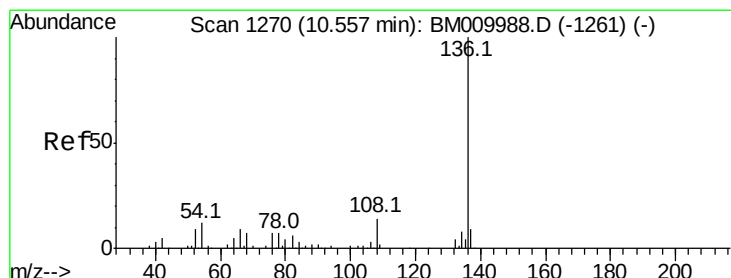
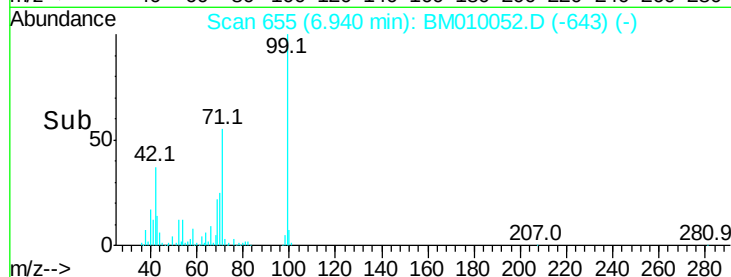
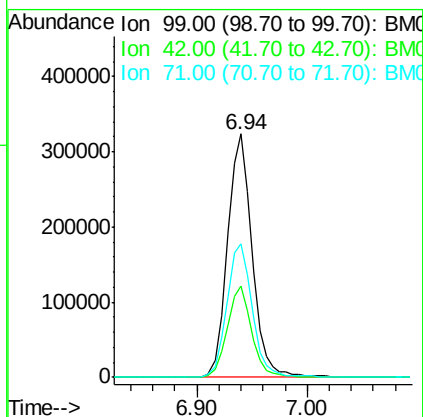
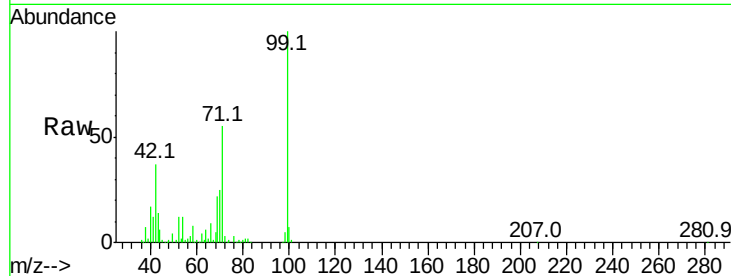
Tot Ion: 99 Resp: 508749

Ion Ratio Lower Upper

99 100

42 37.3 11.0 16.4#

71 54.9 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: BM010052.D

Acq: 15 May 2017 22:30

Tgt Ion: 136 Resp: 146140

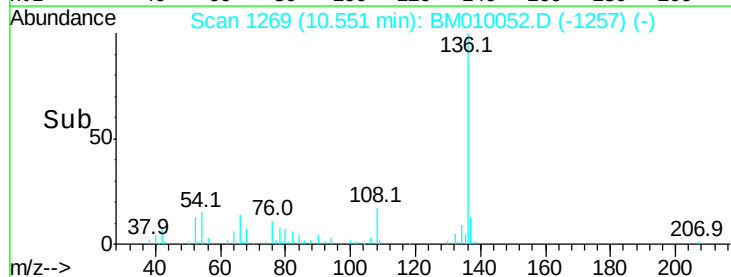
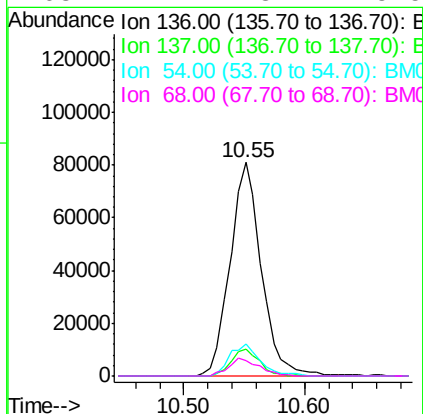
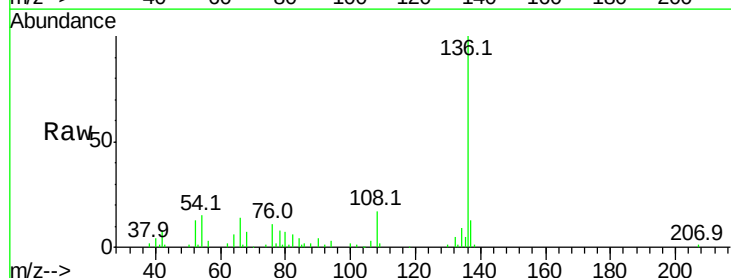
Ion Ratio Lower Upper

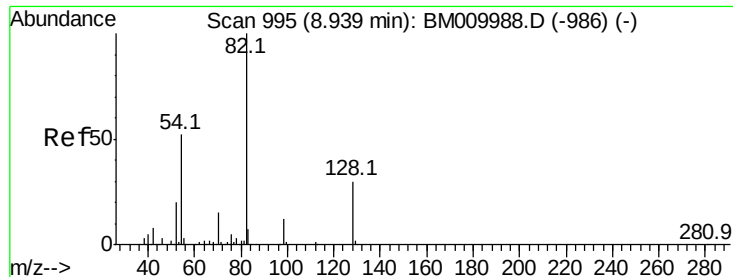
136 100

137 12.6 8.7 13.1

54 15.2 4.6 6.8#

68 7.1 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 118.30 ng

RT: 8.93 min Scan# 993

Delta R.T. -0.03 min

Lab File: BM010052.D

Acq: 15 May 2017 22:30

Instrument :

BNA_M

ClientSampleId :

TP-3COMP

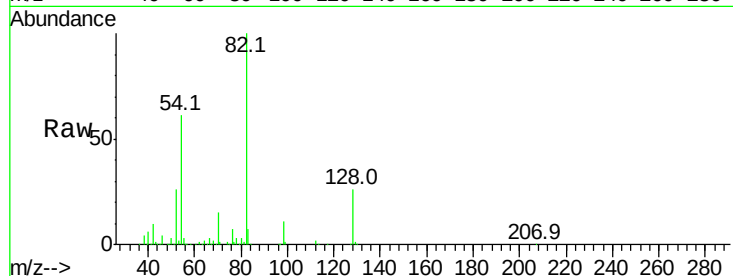
Tot Ion: 82 Resp: 473057

Ion Ratio Lower Upper

82 100

128 25.9 32.8 49.2#

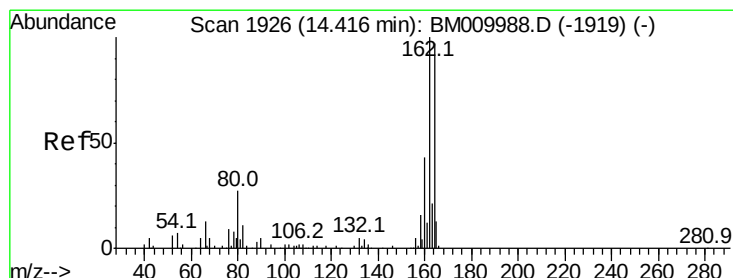
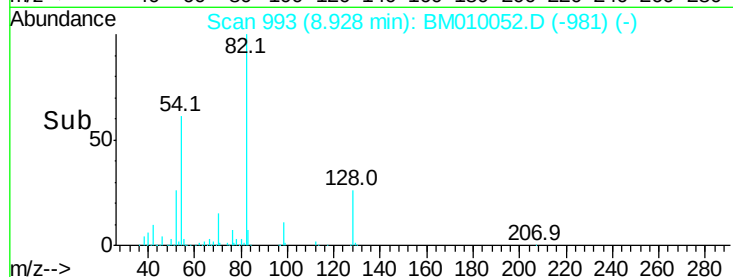
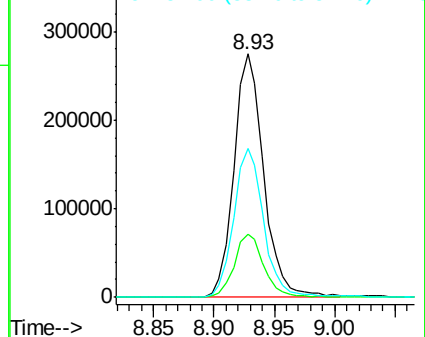
54 61.0 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM010052.D (-981) (-)

Ion 128.00 (127.70 to 128.70): BM010052.D (-981) (-)

Ion 54.00 (53.70 to 54.70): BM010052.D (-981) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM010052.D

Acq: 15 May 2017 22:30

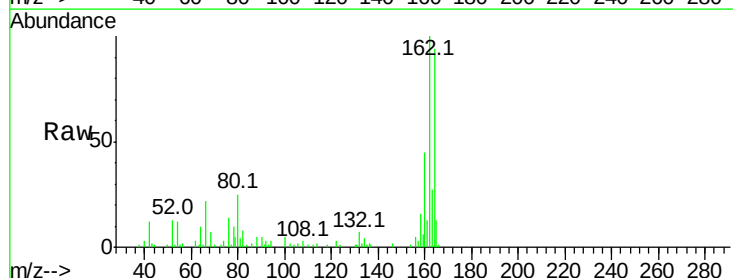
Tgt Ion: 164 Resp: 73160

Ion Ratio Lower Upper

164 100

162 106.8 82.4 123.6

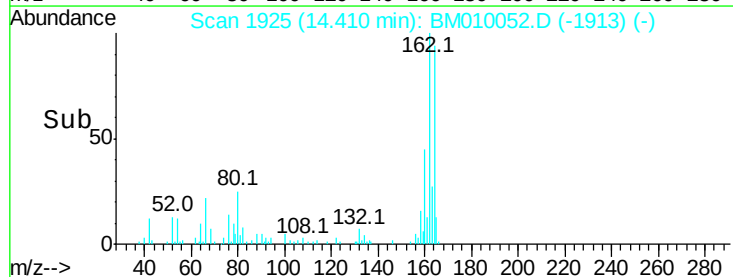
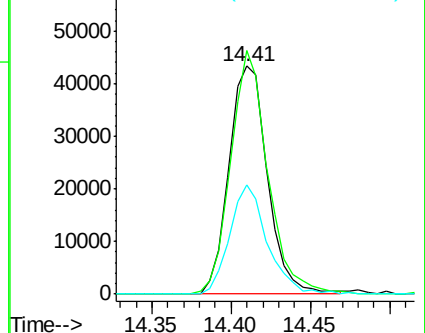
160 47.9 35.8 53.6

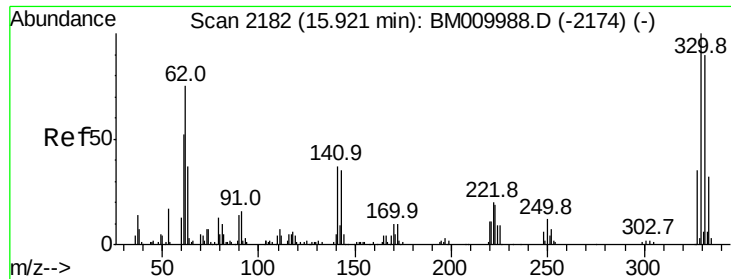


Abundance Ion 164.00 (163.70 to 164.70): BM010052.D (-1913) (-)

Ion 162.00 (161.70 to 162.70): BM010052.D (-1913) (-)

Ion 160.00 (159.70 to 160.70): BM010052.D (-1913) (-)

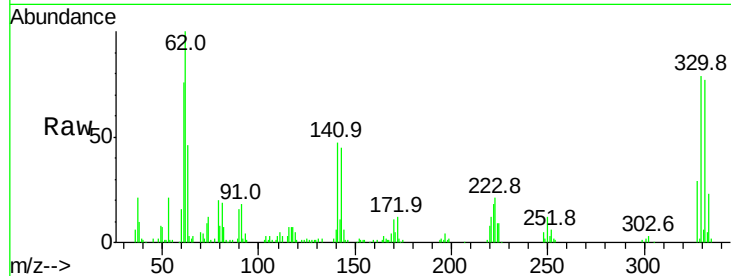




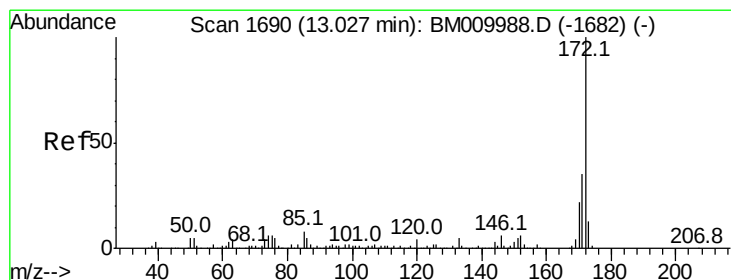
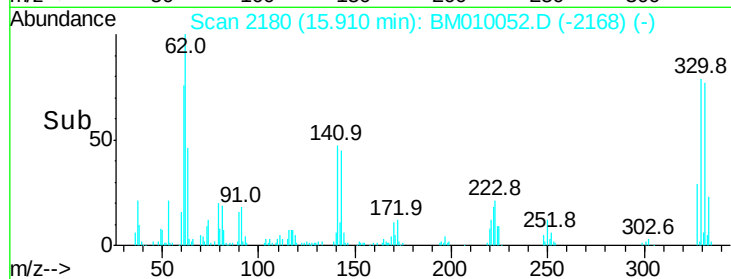
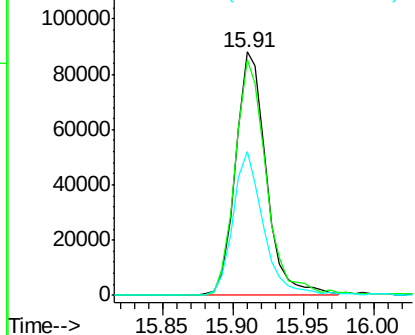
#41
 2,4,6-Tribromophenol
 Concen: 133.54 ng
 RT: 15.91 min Scan# 2180
 Delta R.T. -0.03 min
 Lab File: BM010052.D
 Acq: 15 May 2017 22:30

Instrument :
 BNA_M
 ClientSampleId :
 TP-3COMP

Tot Ion:330 Resp: 133713
 Ion Ratio Lower Upper
 330 100
 332 98.3 0.0 0.0#
 141 58.4 0.0 0.0#

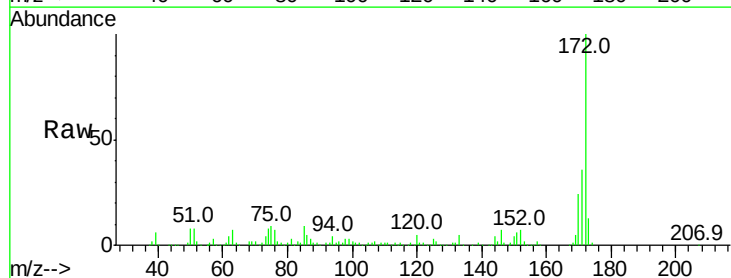


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

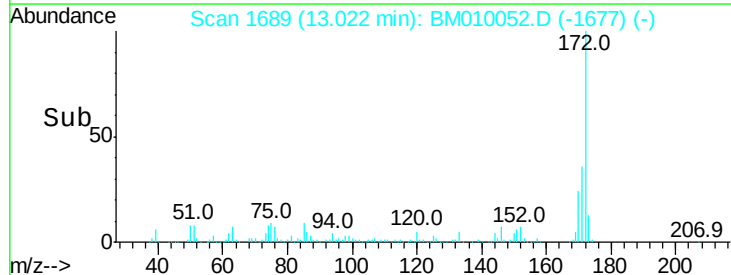
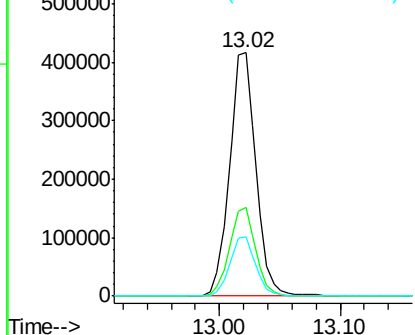


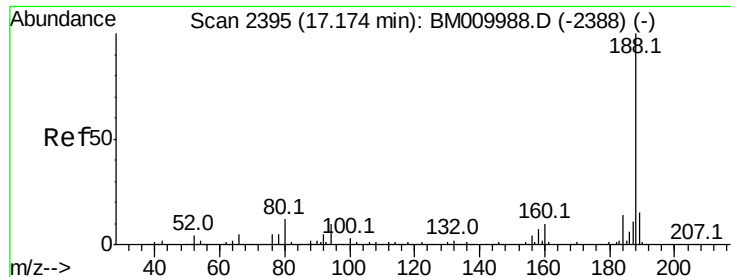
#44
 2-Fluorobiphenyl
 Concen: 115.70 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.03 min
 Lab File: BM010052.D
 Acq: 15 May 2017 22:30

Tgt Ion:172 Resp: 632965
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.5 42.7
 170 24.4 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

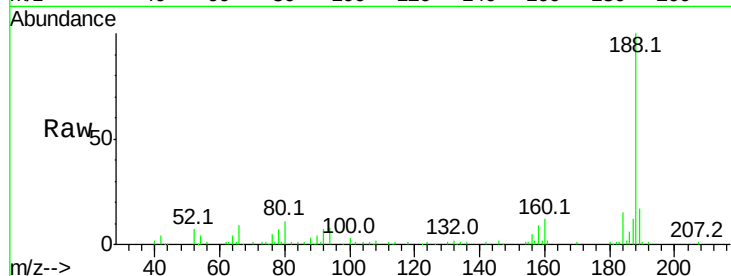




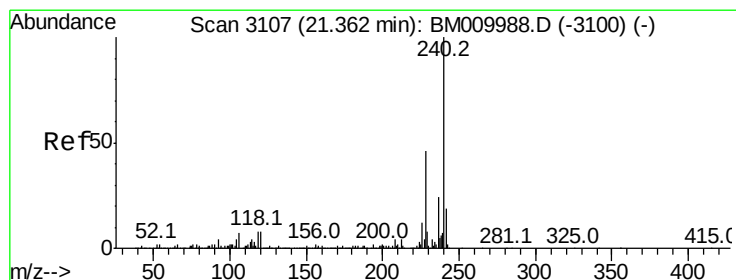
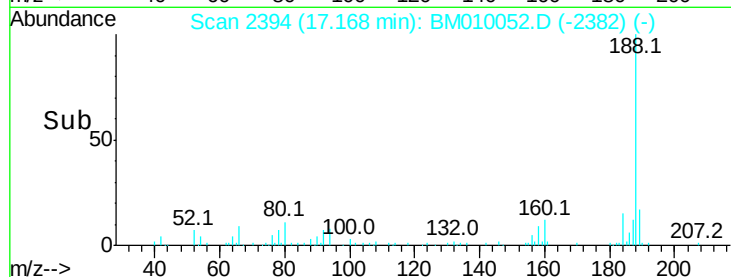
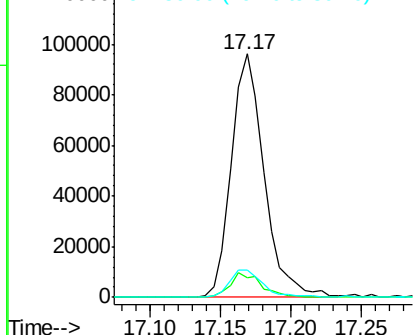
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010052.D
Acq: 15 May 2017 22:30

Instrument :
BNA_M
ClientSampleId :
TP-3COMP

Tot Ion:188 Resp: 156184
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 11.4 9.3 13.9

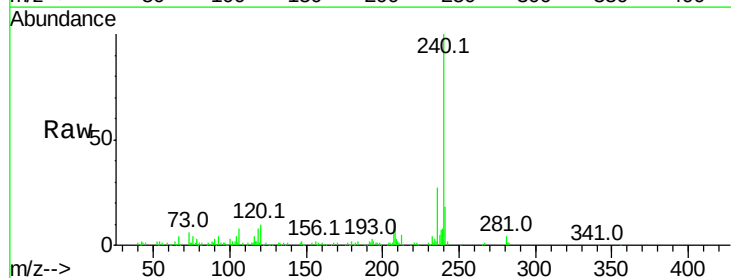


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

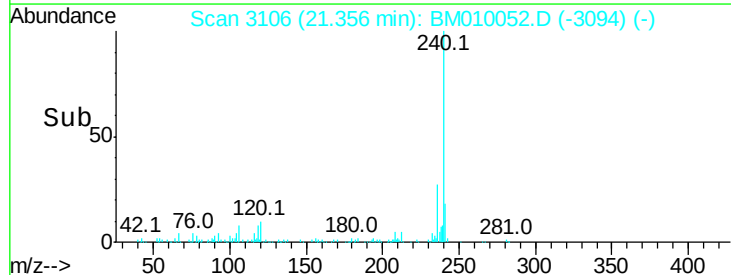
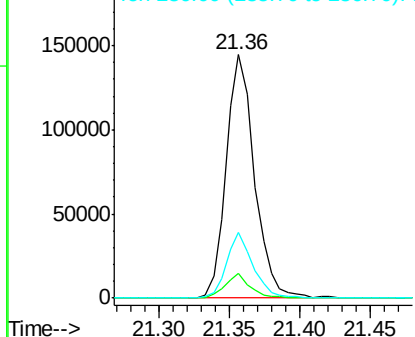


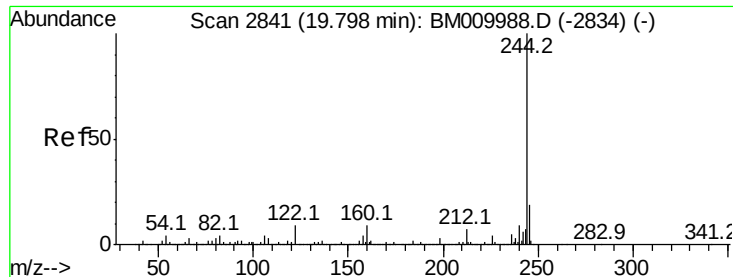
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010052.D
Acq: 15 May 2017 22:30

Tgt Ion:240 Resp: 201719
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 27.1 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: 95.11 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010052.D

Acq: 15 May 2017 22:30

Instrument :

BNA_M

ClientSampleId :

TP-3COMP

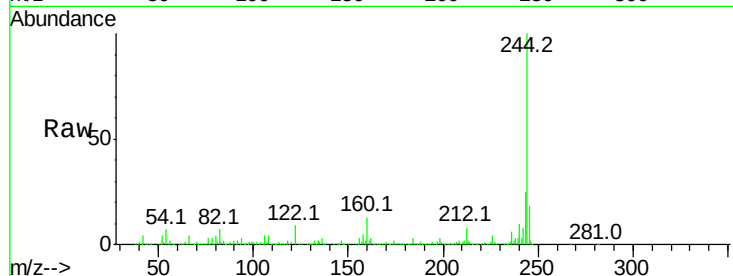
Tot Ion:244 Resp: 910362

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

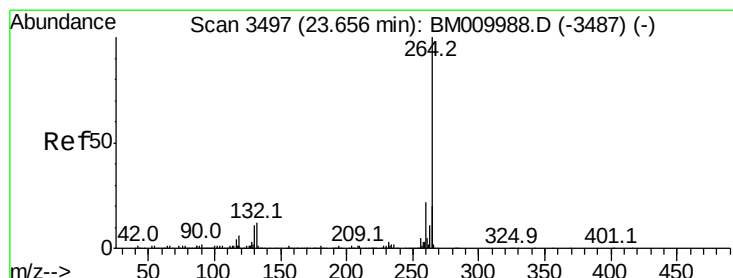
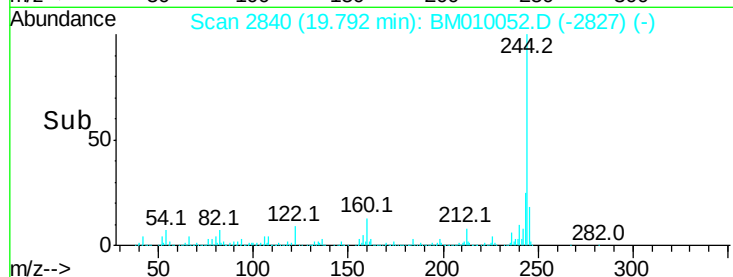
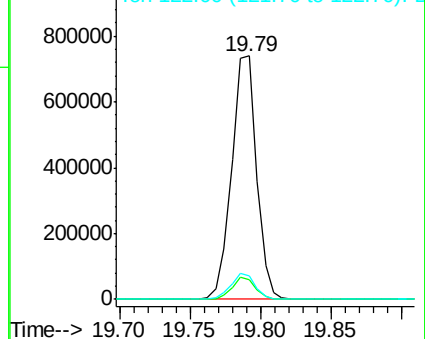
122 9.4 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.65 min Scan# 3496

Delta R.T. -0.04 min

Lab File: BM010052.D

Acq: 15 May 2017 22:30

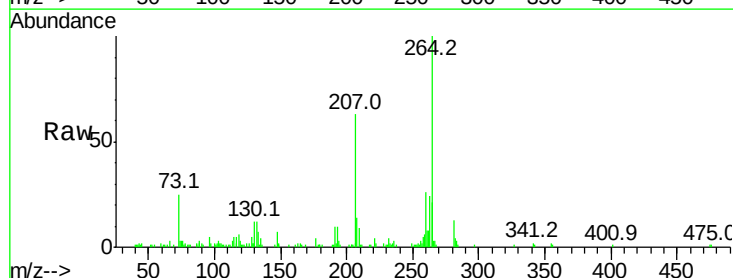
Tgt Ion:264 Resp: 127253

Ion Ratio Lower Upper

264 100

260 25.9 18.6 27.8

265 20.9 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

