

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010050.D
 Acq On : 15 May 2017 21:18
 Operator : SJ/MA
 Sample : I3147-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1COMP

Quant Time: May 16 05:04:19 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

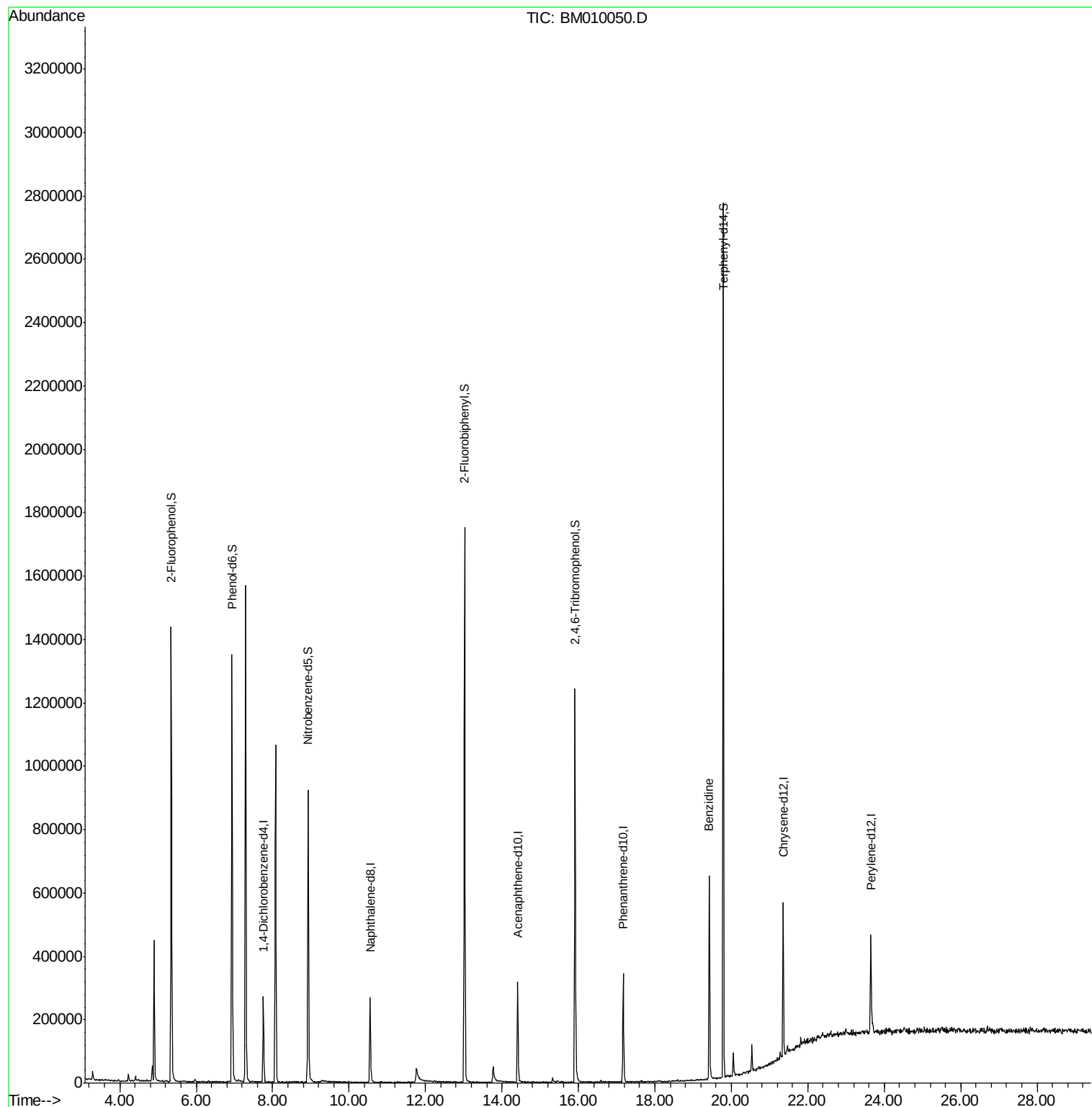
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	49689	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	177409	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	91114	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	182842	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	217437	20.00	ng	-0.03
86) Perylene-d12	23.65	264	217910	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	410547	129.30	ng	-0.02
7) Phenol-d6	6.94	99	551213	108.34	ng	-0.03
23) Nitrobenzene-d5	8.93	82	514310	105.94	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	141880	113.78	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	698244	102.48	ng	-0.03
78) Terphenyl-d14	19.79	244	930959	90.24	ng	-0.03
Target Compounds						
76) Benzidine	19.43	184	308733	56.79	ng	Qvalue 98

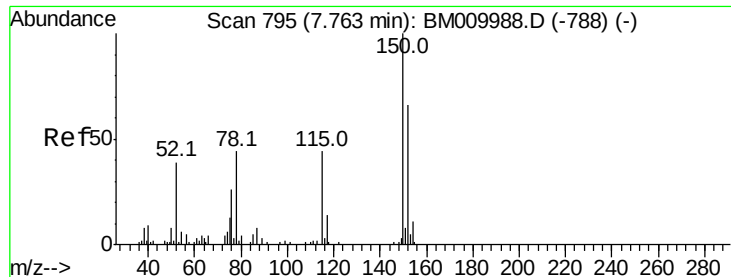
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

Instrument :

BNA_M

ClientSampleId :

TP-1COMP

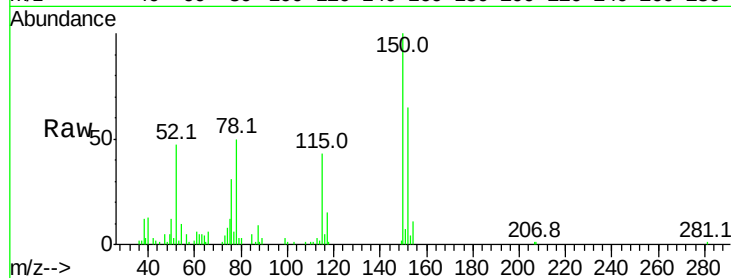
Tot Ion:152 Resp: 49689

Ion Ratio Lower Upper

152 100

150 154.7 119.5 179.3

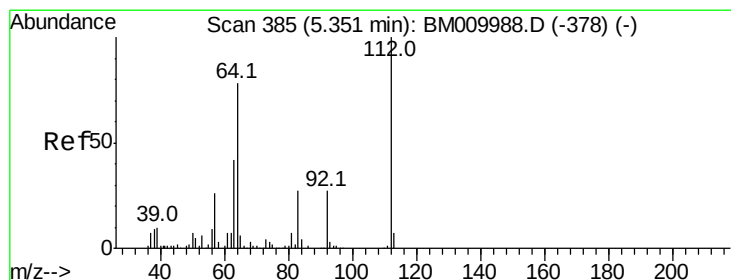
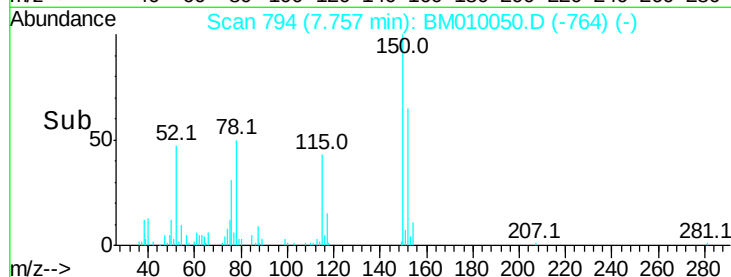
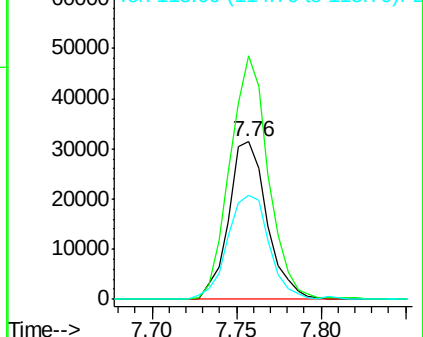
115 66.3 43.0 64.4#



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: 129.30 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

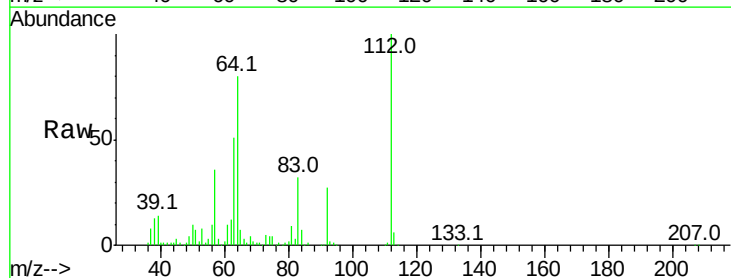
Tgt Ion:112 Resp: 410547

Ion Ratio Lower Upper

112 100

64 80.0 38.6 57.8#

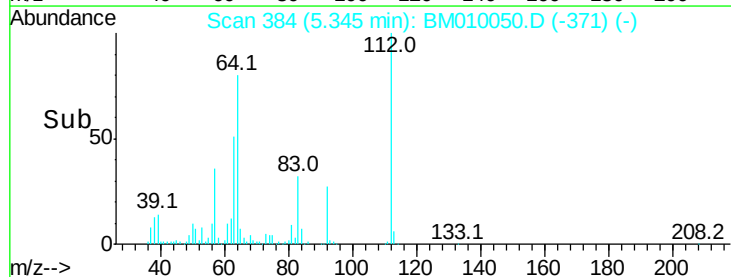
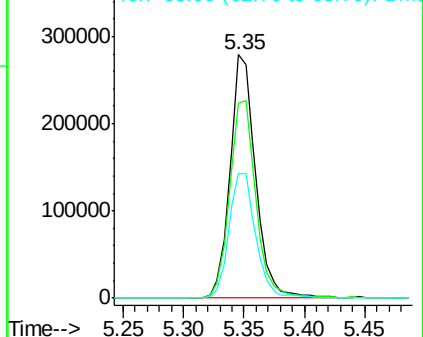
63 51.2 19.3 28.9#

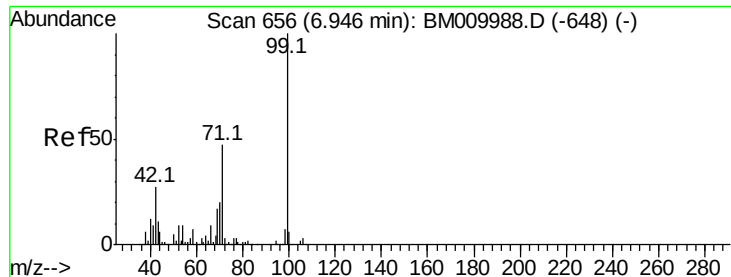


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 108.34 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

Instrument :

BNA_M

ClientSampleId :

TP-1COMP

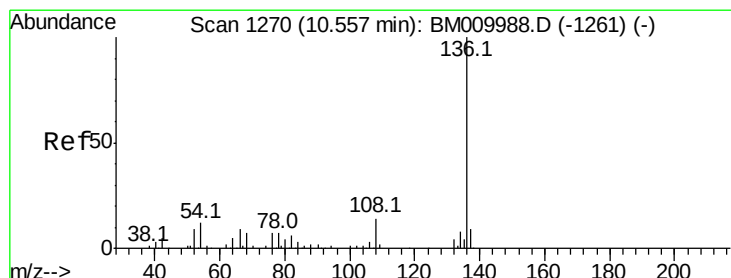
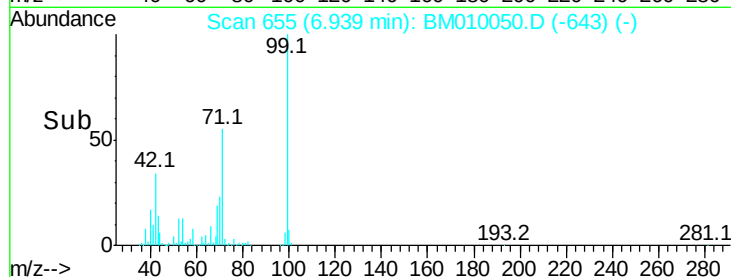
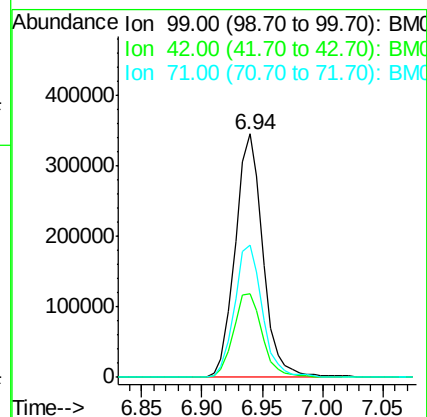
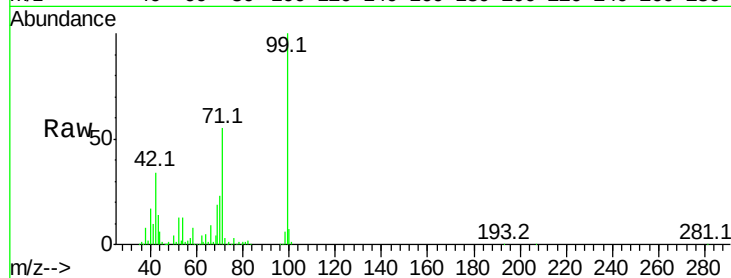
Tot Ion: 99 Resp: 551213

Ion Ratio Lower Upper

99 100

42 34.3 11.0 16.4#

71 54.6 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: BM010050.D

Acq: 15 May 2017 21:18

Tgt Ion: 136 Resp: 177409

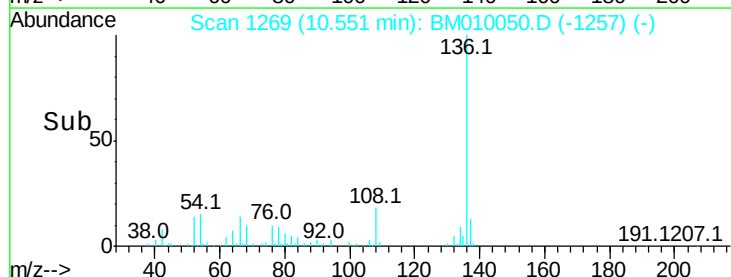
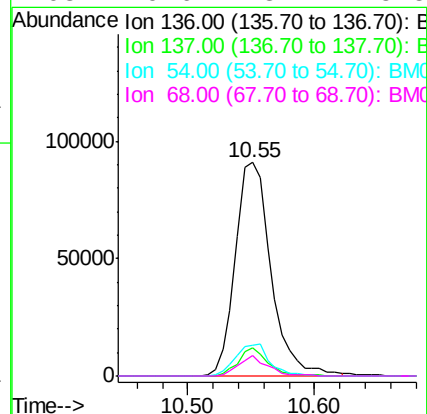
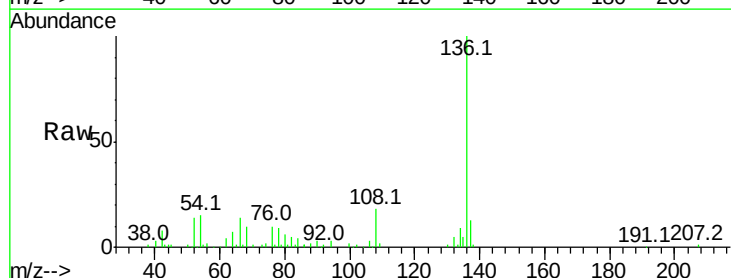
Ion Ratio Lower Upper

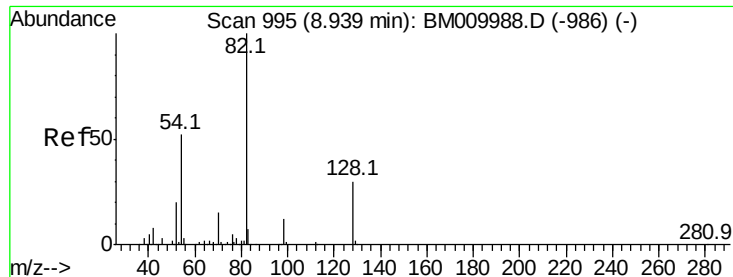
136 100

137 13.3 8.7 13.1#

54 14.5 4.6 6.8#

68 9.6 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 105.94 ng

RT: 8.93 min Scan# 993

Delta R.T. -0.03 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

Instrument :

BNA_M

ClientSampleId :

TP-1COMP

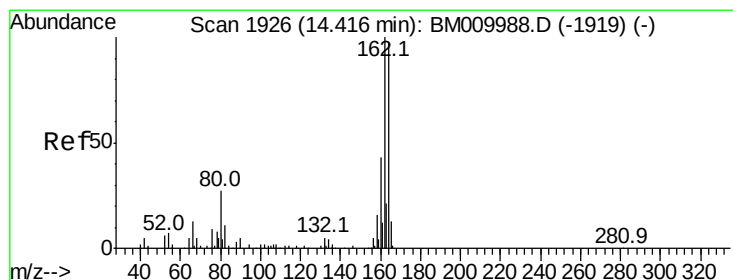
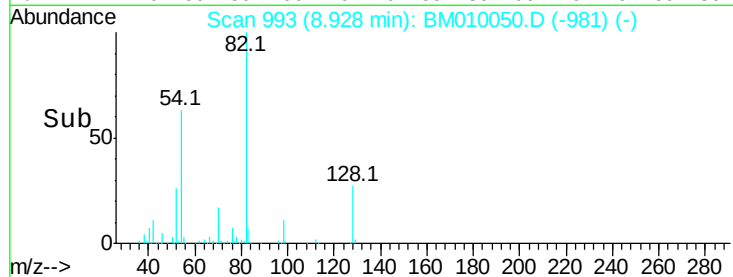
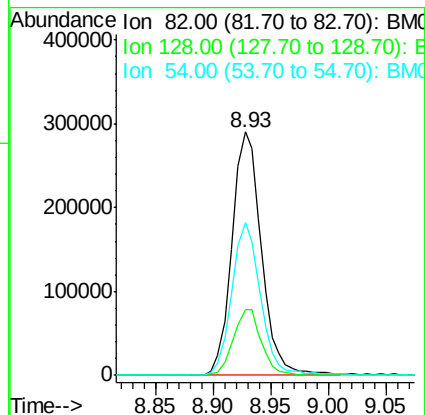
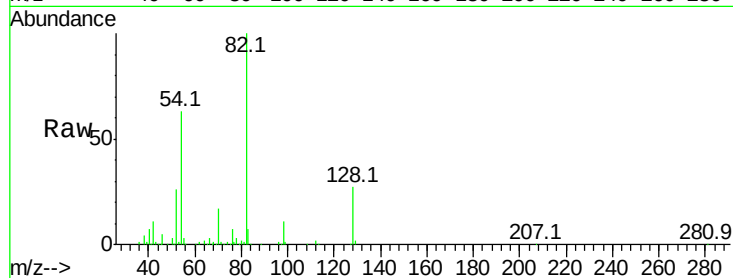
Tot Ion: 82 Resp: 514310

Ion Ratio Lower Upper

82 100

128 27.1 32.8 49.2#

54 62.7 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: BM010050.D

Acq: 15 May 2017 21:18

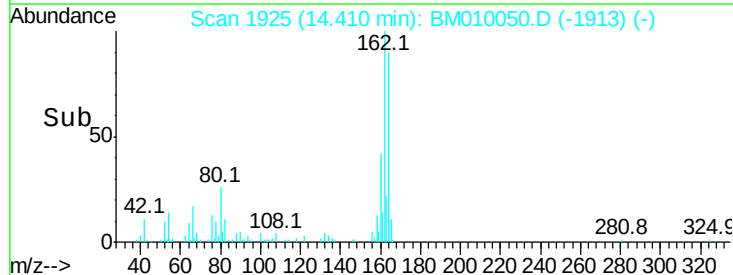
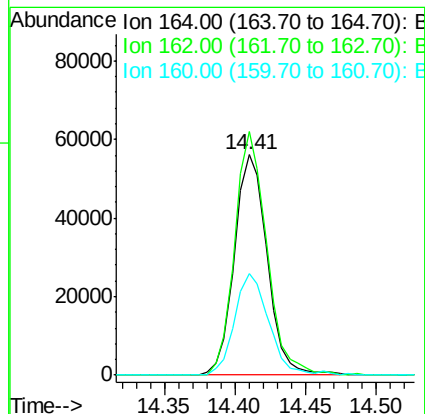
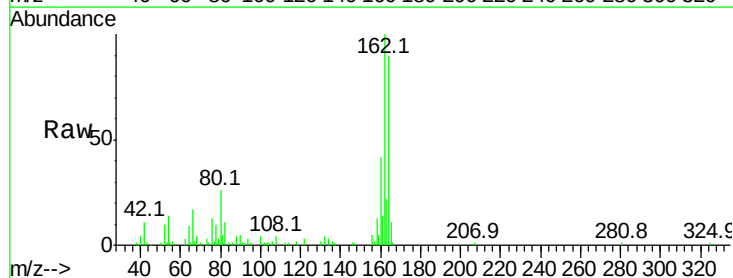
Tgt Ion: 164 Resp: 91114

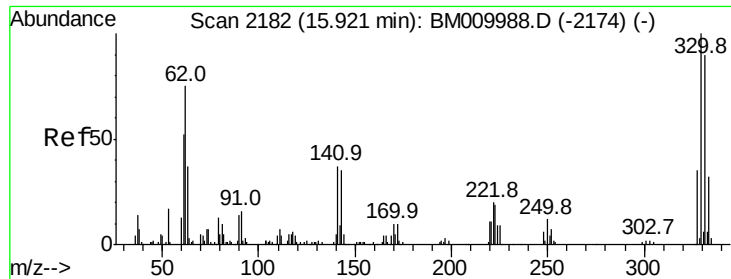
Ion Ratio Lower Upper

164 100

162 110.7 82.4 123.6

160 46.3 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 113.78 ng

RT: 15.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

Instrument :

BNA_M

ClientSampleId :

TP-1COMP

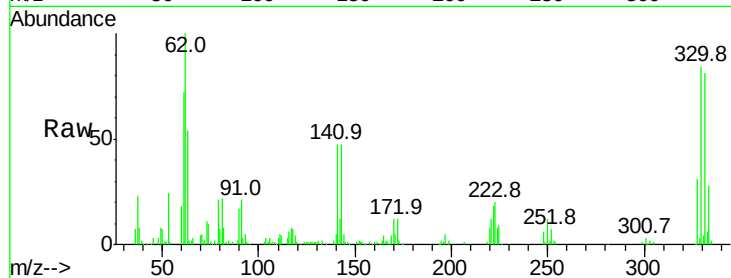
Tot Ion:330 Resp: 141880

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

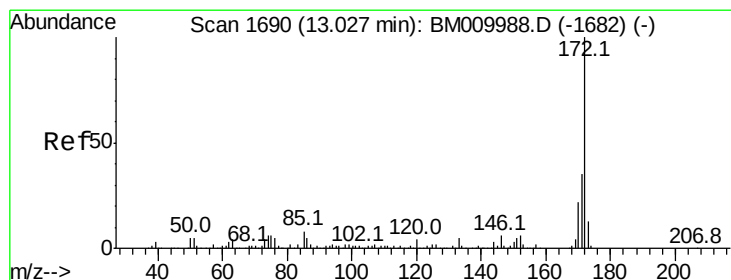
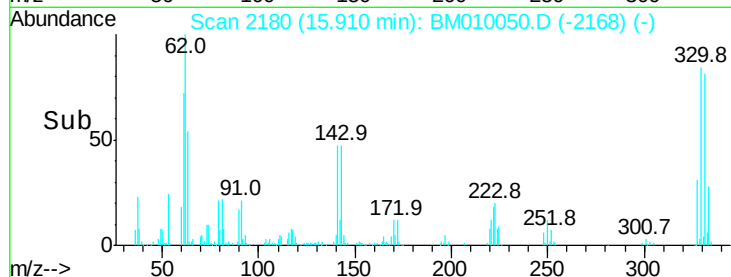
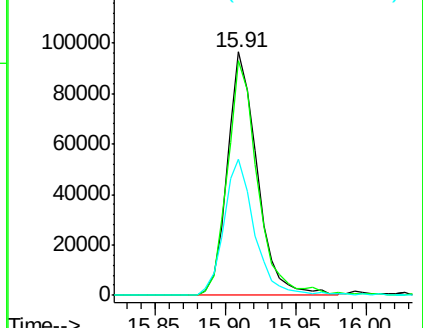
141 57.2 0.0 0.0#



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: 102.48 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.03 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

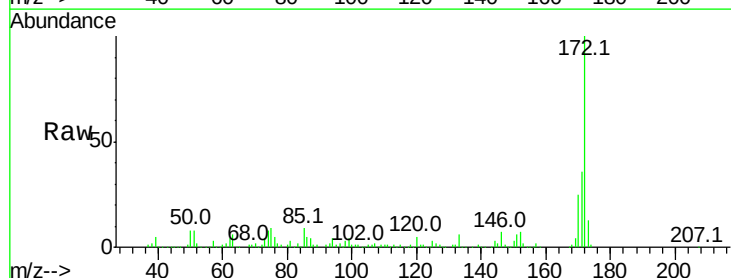
Tgt Ion:172 Resp: 698244

Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

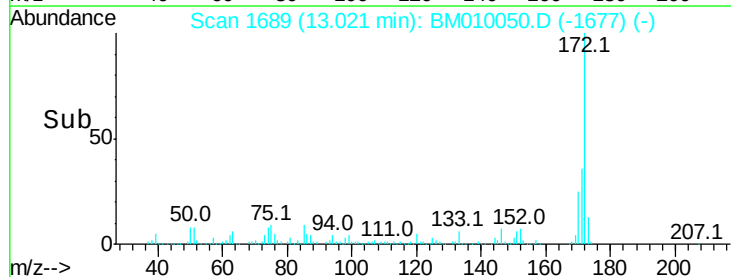
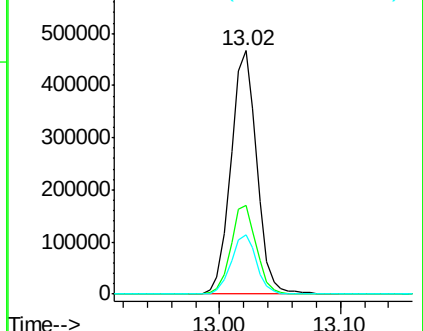
170 24.5 18.8 28.2

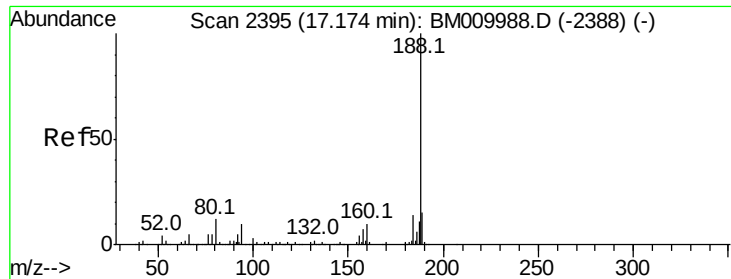


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

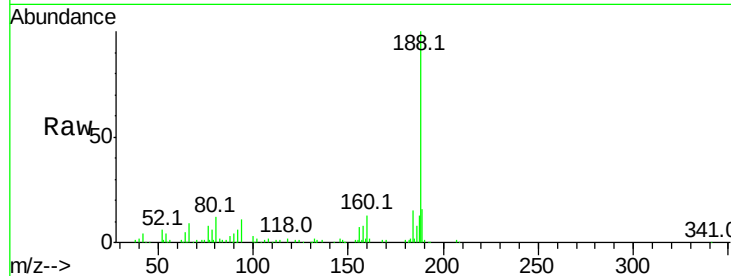




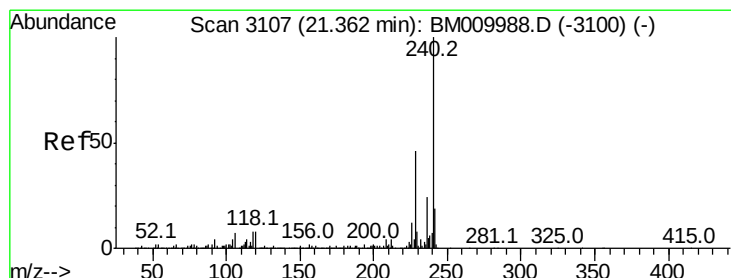
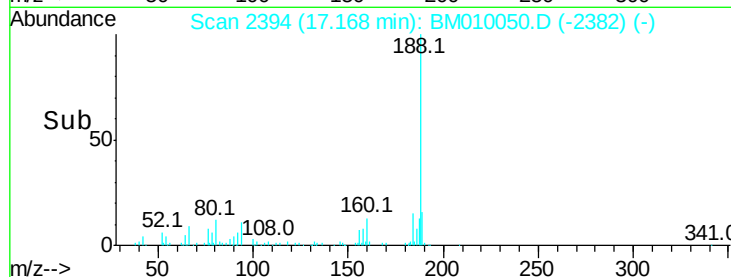
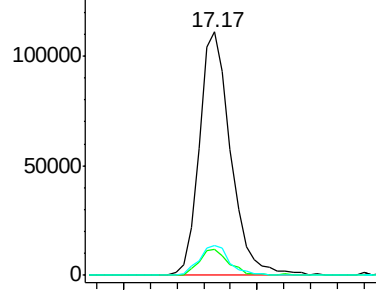
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010050.D
Acq: 15 May 2017 21:18

Instrument :
BNA_M
ClientSampleId :
TP-1COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.7	13.1
80	12.5	9.3	13.9

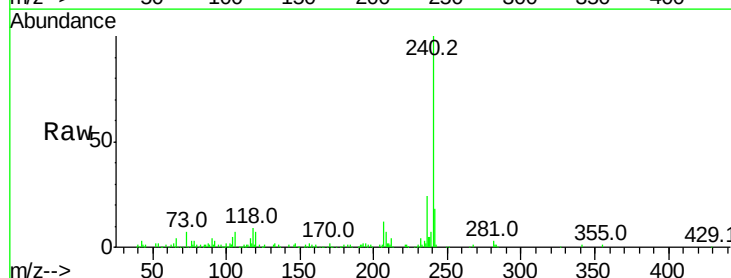


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

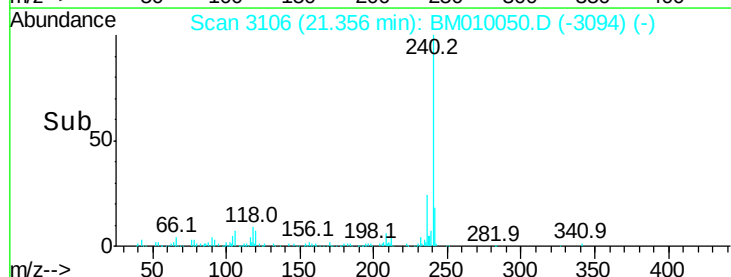
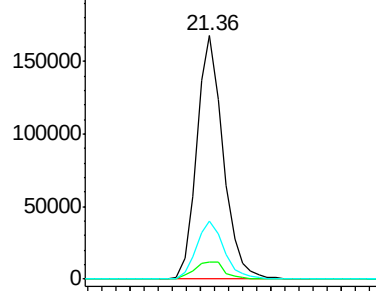


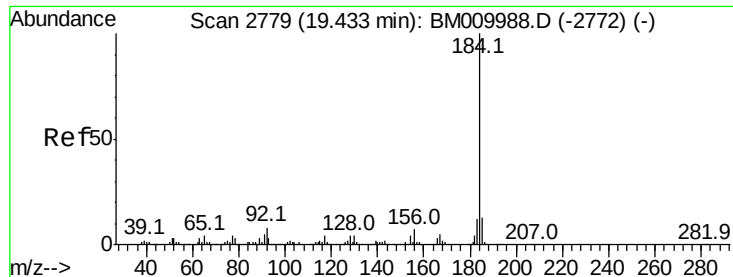
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010050.D
Acq: 15 May 2017 21:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	8.2	12.2#
236	23.9	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





#76

Benzidine

Concen: 56.79 ng

RT: 19.43 min Scan# 2778

Delta R.T. -0.02 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

Instrument :

BNA_M

ClientSampleId :

TP-1COMP

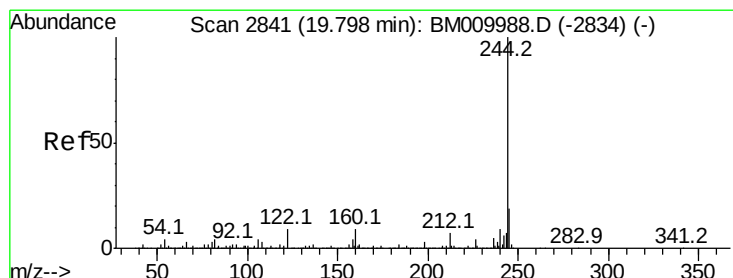
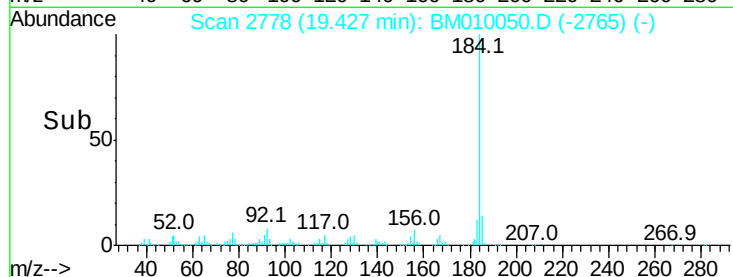
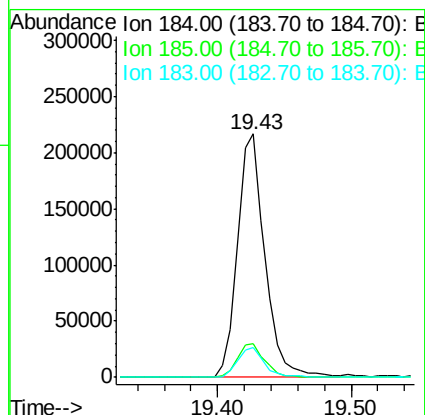
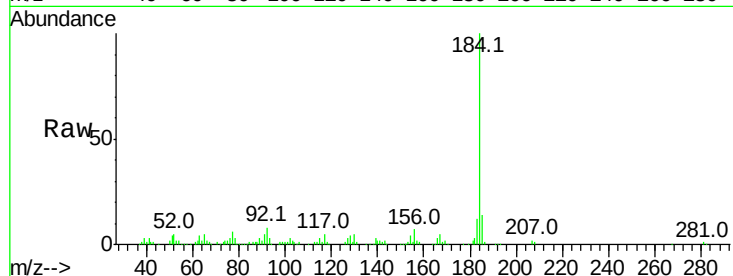
Tot Ion:184 Resp: 308733

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

183 12.2 8.9 13.3



#78

Terphenyl-d14

Concen: 90.24 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.03 min

Lab File: BM010050.D

Acq: 15 May 2017 21:18

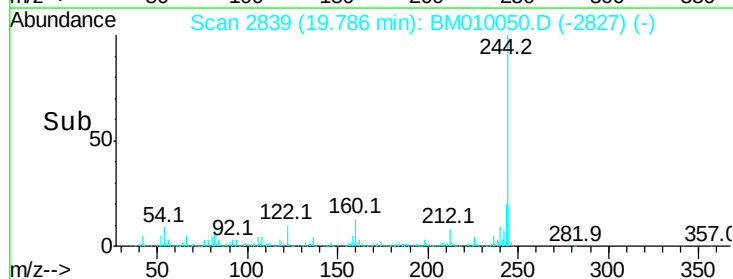
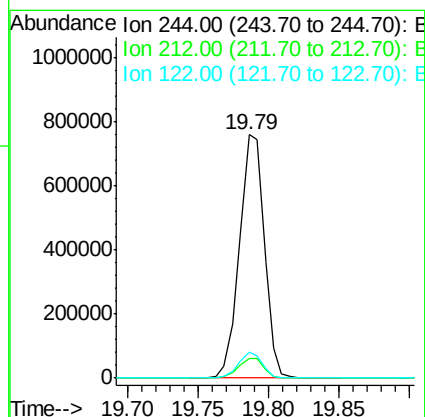
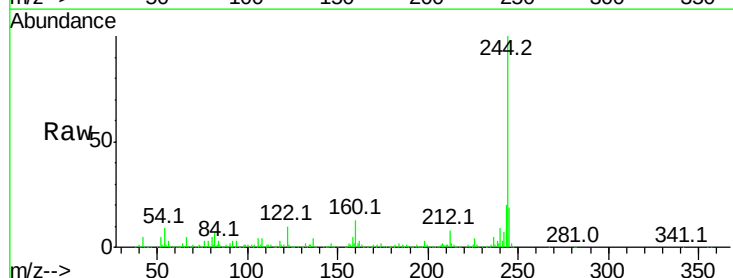
Tgt Ion:244 Resp: 930959

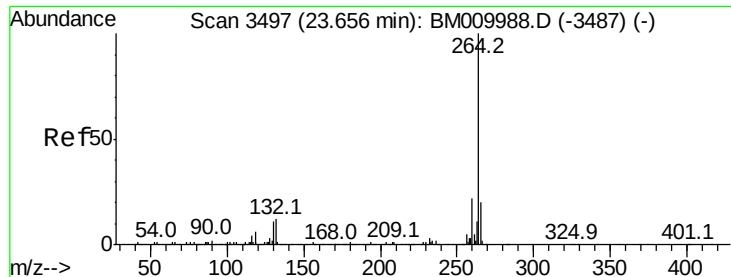
Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

122 10.5 6.2 9.4#

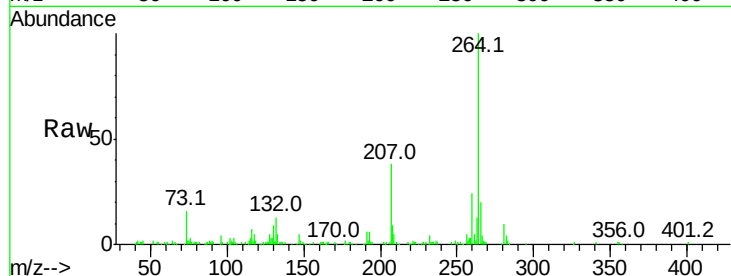




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010050.D
 Acq: 15 May 2017 21:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-1COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	20.2	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

