

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
 Data File : BM010056.D
 Acq On : 16 May 2017 16:44
 Operator : SJ/MA
 Sample : I3147-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3COMP

Quant Time: May 17 04:19:17 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

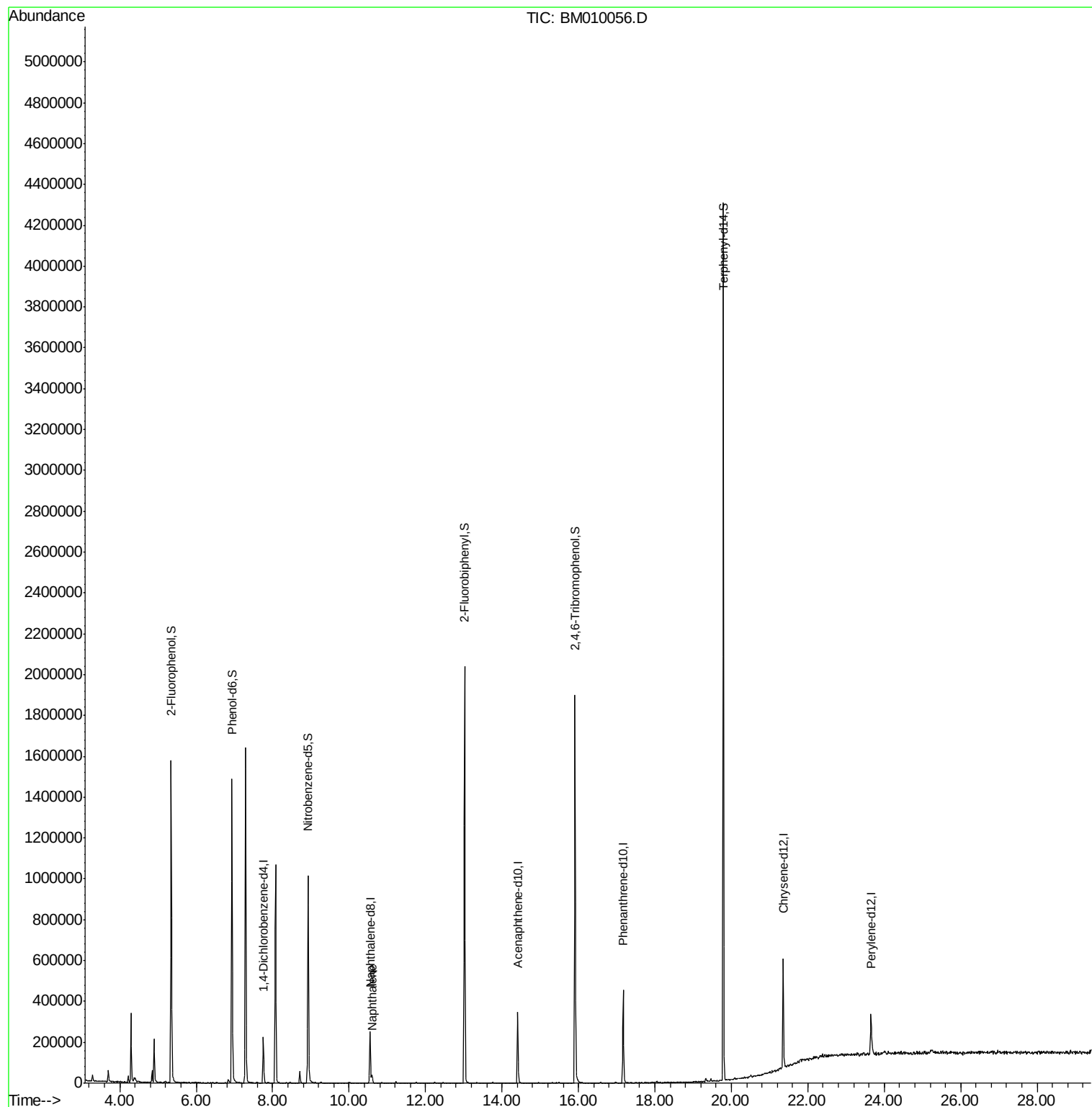
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	41538	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	166629	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	94885	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	237124	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	245304	20.00	ng	-0.03
86) Perylene-d12	23.65	264	126681	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	436627	164.50	ng	-0.02
7) Phenol-d6	6.94	99	597346	140.45	ng	-0.03
23) Nitrobenzene-d5	8.93	82	537594	117.91	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	211234	162.66	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	801539	112.97	ng	-0.03
78) Terphenyl-d14	19.79	244	1390998	119.51	ng	-0.02
Target Compounds						
31) Naphthalene	10.60	128	26720	2.91	ng	Qvalue # 93

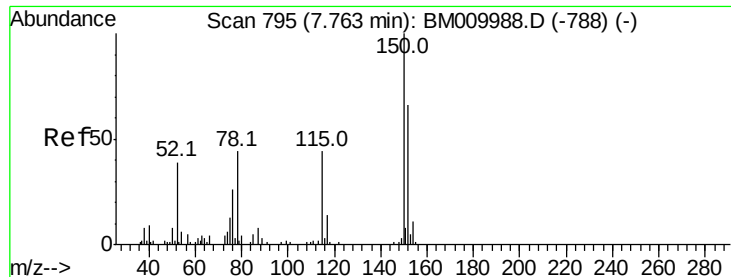
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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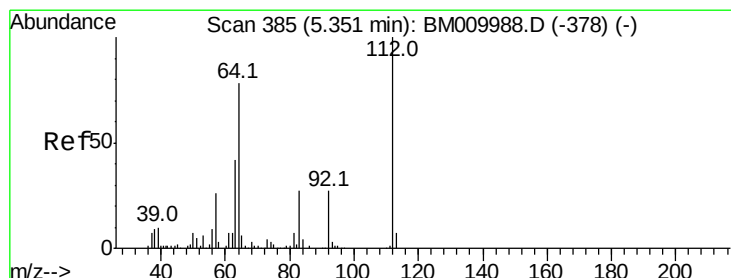
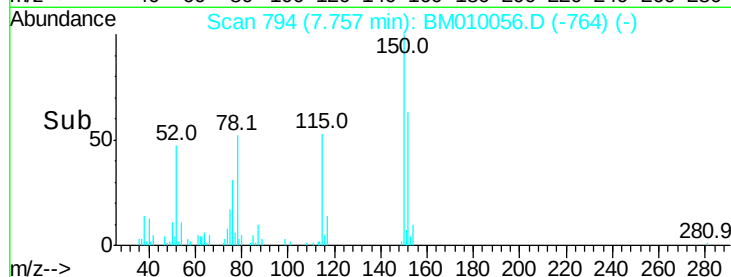
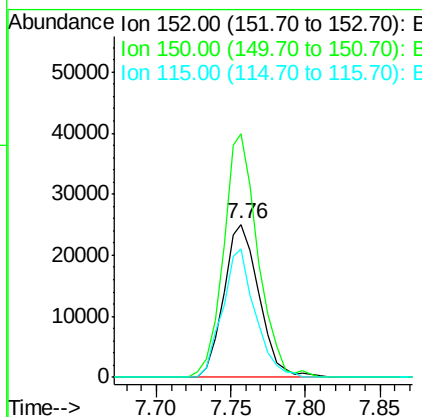
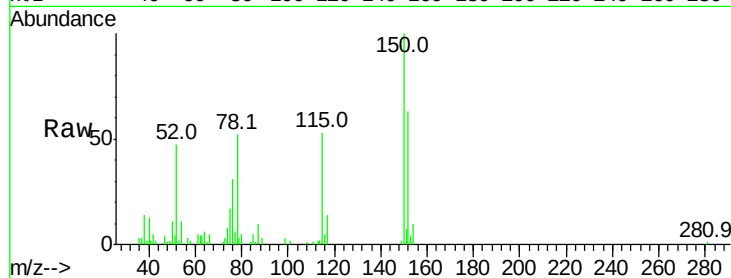


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010056.D
Acq: 16 May 2017 16:44

Instrument :
BNA_M
ClientSampleId :
TP-3COMP

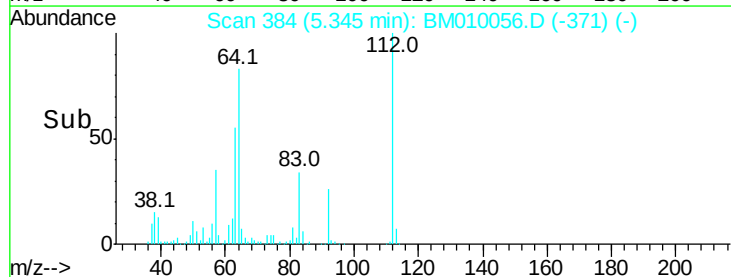
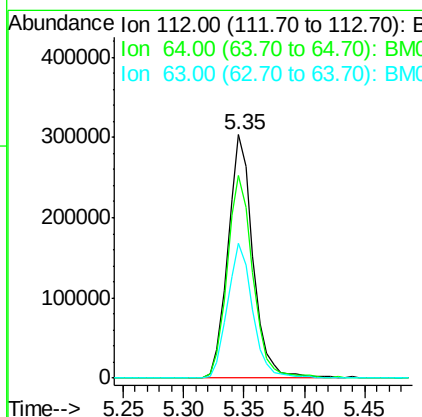
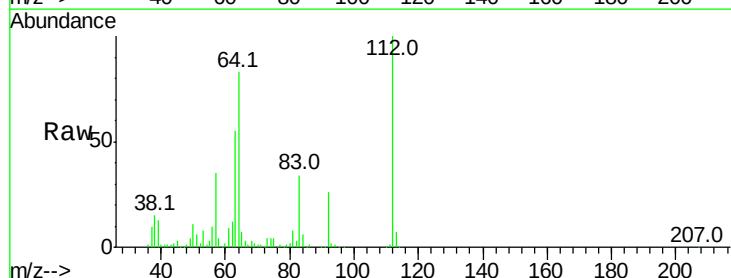
Tot Ion:152 Resp: 41538
Ion Ratio Lower Upper
152 100
150 159.4 119.5 179.3
115 84.2 43.0 64.4#

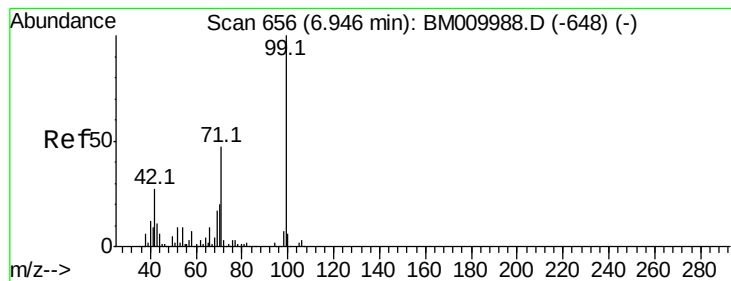


#5

2-Fluorophenol
Concen: 164.50 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM010056.D
Acq: 16 May 2017 16:44

Tgt Ion:112 Resp: 436627
Ion Ratio Lower Upper
112 100
64 83.0 38.6 57.8#
63 55.1 19.3 28.9#





#7

Phenol-d6

Concen: 140.45 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010056.D

Acq: 16 May 2017 16:44

Instrument :

BNA_M

ClientSampleId :

TP-3COMP

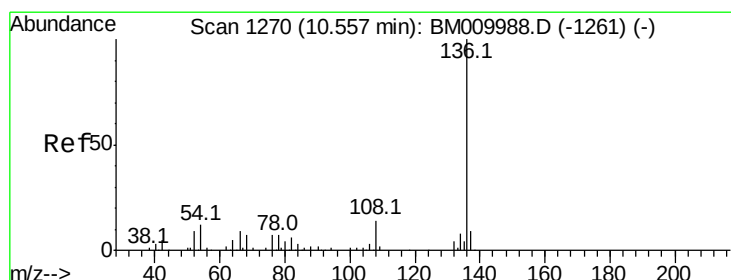
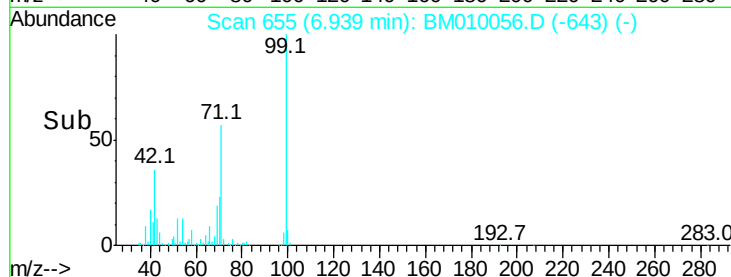
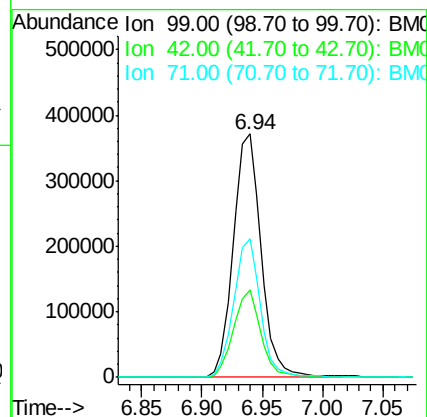
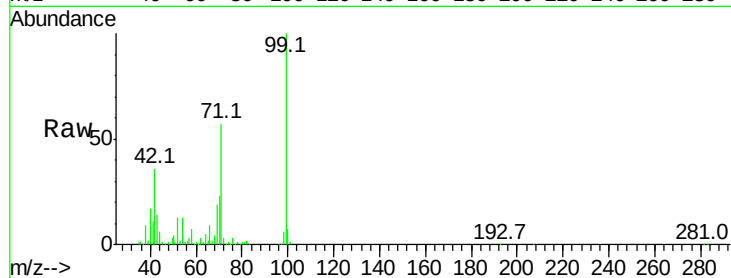
Tot Ion: 99 Resp: 597346

Ion Ratio Lower Upper

99 100

42 36.0 11.0 16.4#

71 57.1 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: BM010056.D

Acq: 16 May 2017 16:44

Tgt Ion: 136 Resp: 166629

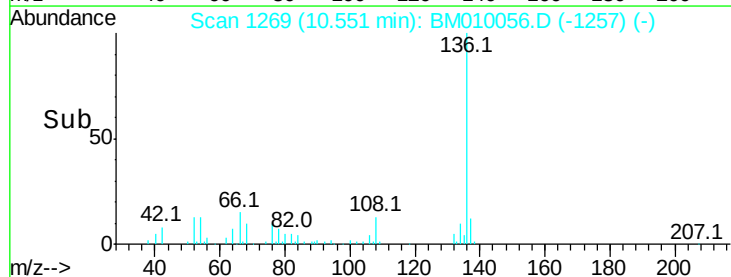
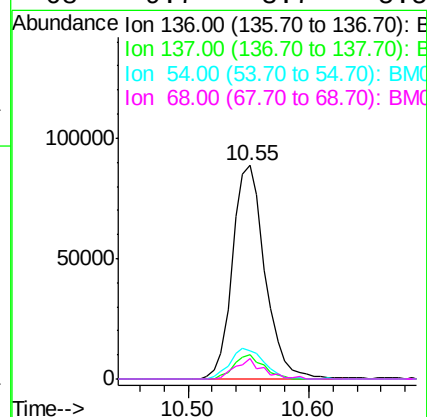
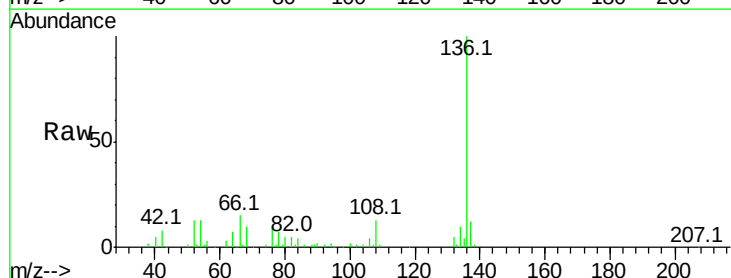
Ion Ratio Lower Upper

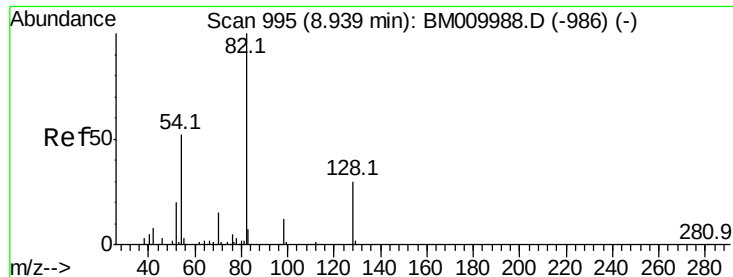
136 100

137 11.5 8.7 13.1

54 13.4 4.6 6.8#

68 9.7 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 117.91 ng

RT: 8.93 min Scan# 993

Delta R.T. -0.03 min

Lab File: BM010056.D

Acq: 16 May 2017 16:44

Instrument :

BNA_M

ClientSampled :

TP-3COMP

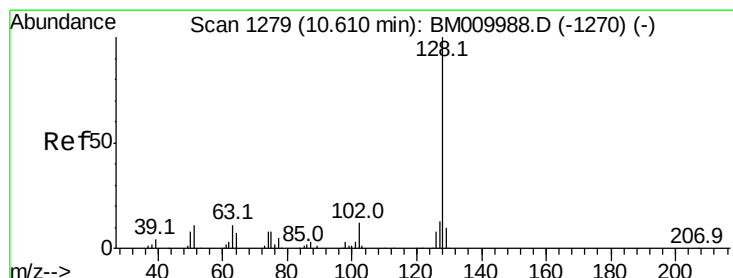
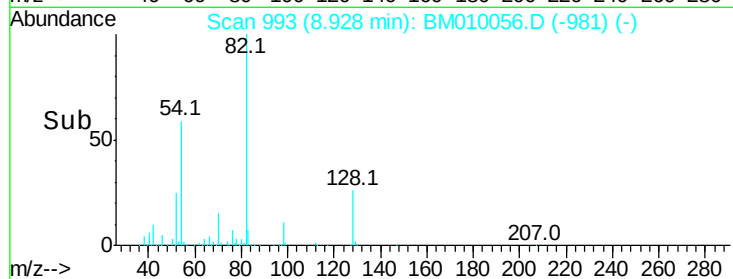
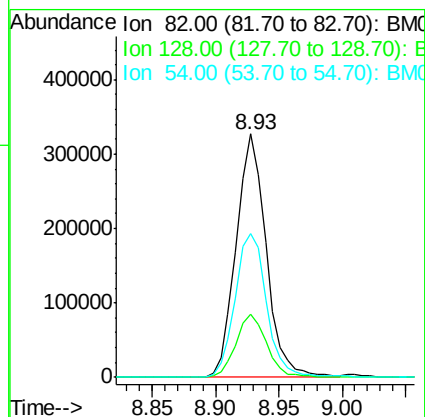
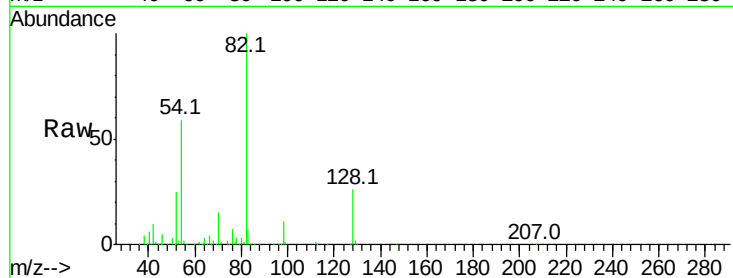
Tot Ion: 82 Resp: 537594

Ion Ratio Lower Upper

82 100

128 25.7 32.8 49.2#

54 59.2 40.6 60.8



#31

Naphthalene

Concen: 2.91 ng

RT: 10.60 min Scan# 1278

Delta R.T. -0.03 min

Lab File: BM010056.D

Acq: 16 May 2017 16:44

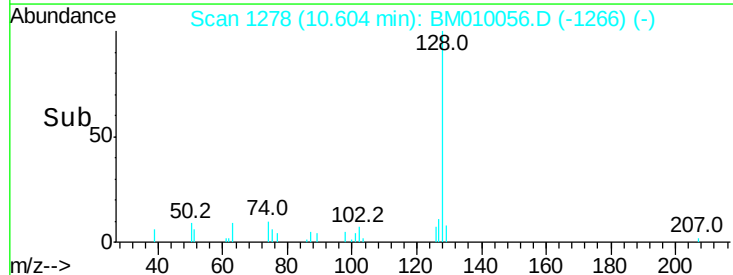
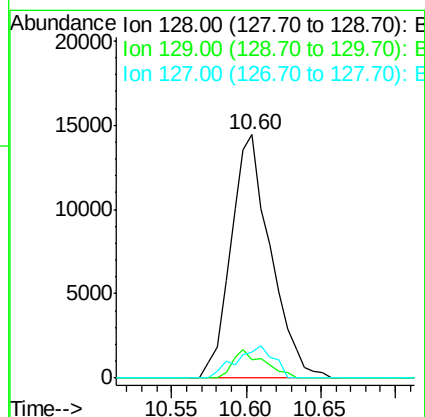
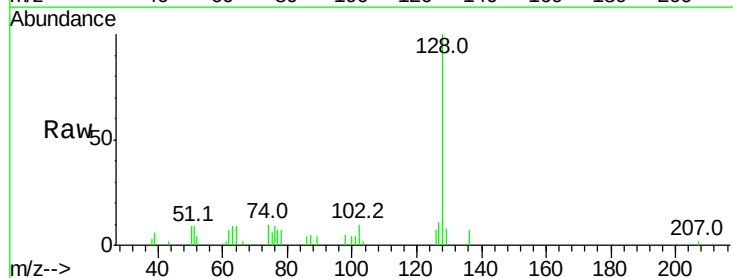
Tgt Ion: 128 Resp: 26720

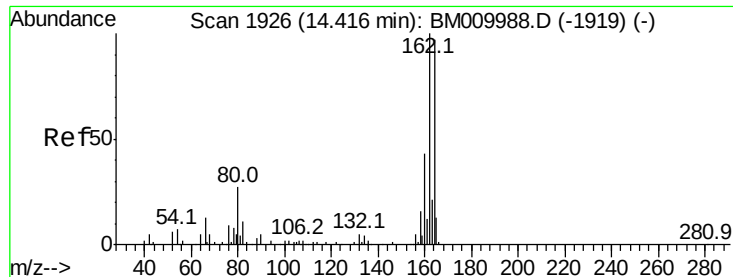
Ion Ratio Lower Upper

128 100

129 7.6 8.9 13.3#

127 10.8 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM010056.D

Acq: 16 May 2017 16:44

Instrument :

BNA_M

ClientSampleId :

TP-3COMP

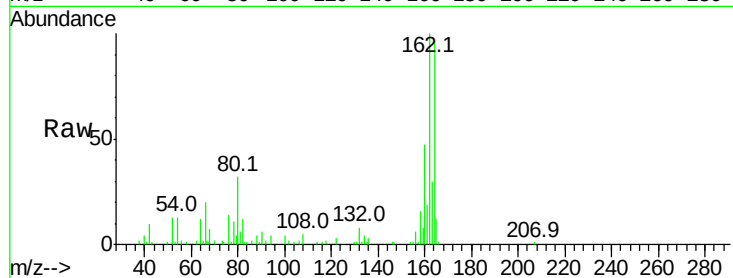
Tot Ion:164 Resp: 94885

Ion Ratio Lower Upper

164 100

162 104.6 82.4 123.6

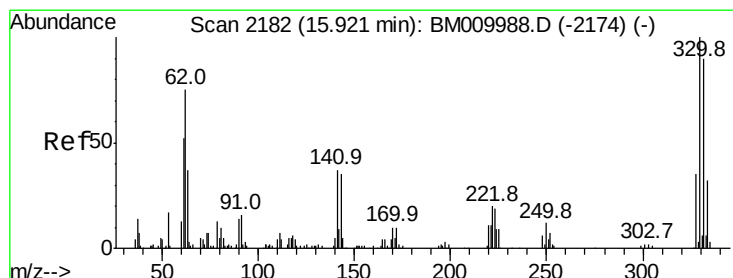
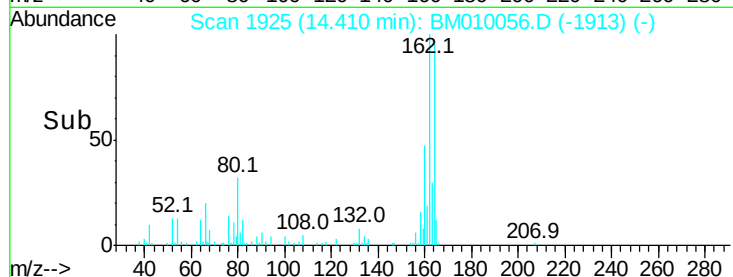
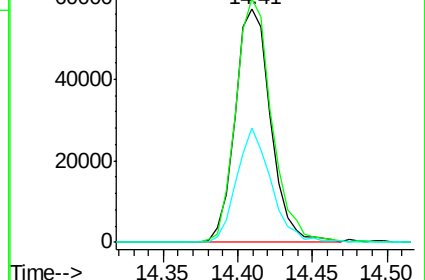
160 48.9 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 162.66 ng

RT: 15.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BM010056.D

Acq: 16 May 2017 16:44

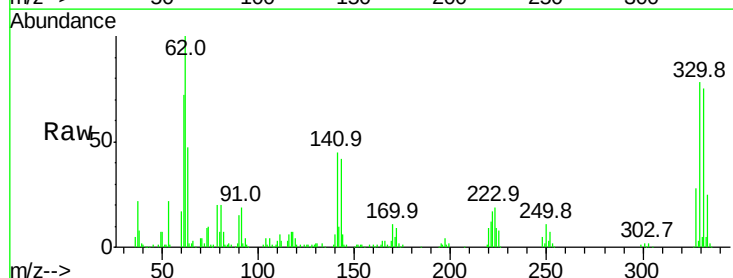
Tgt Ion:330 Resp: 211234

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

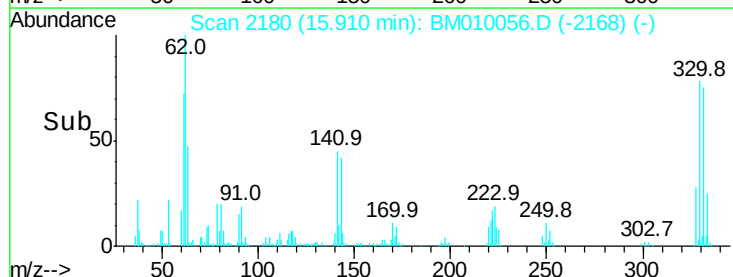
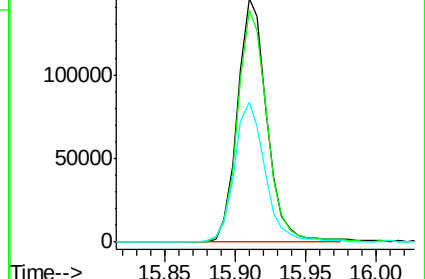
141 59.6 0.0 0.0#

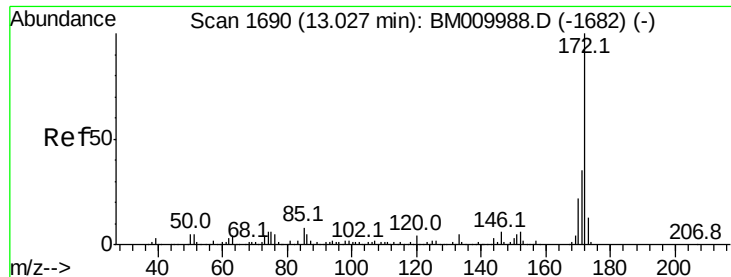


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

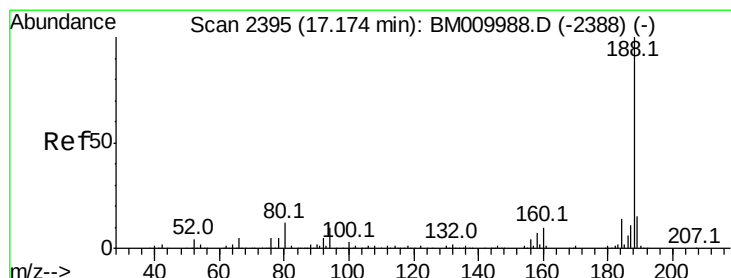
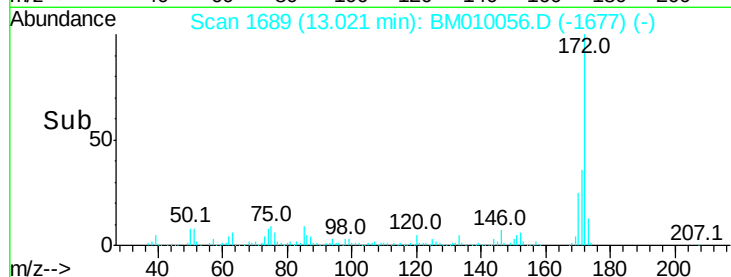
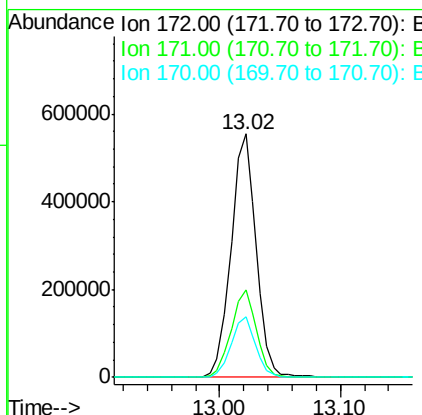
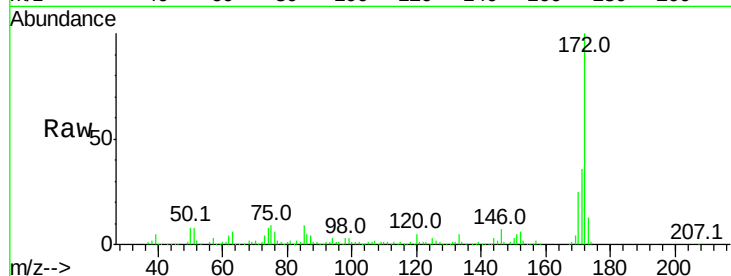




#44
2-Fluorobiphenyl
Concen: 112.97 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.03 min
Lab File: BM010056.D
Acq: 16 May 2017 16:44

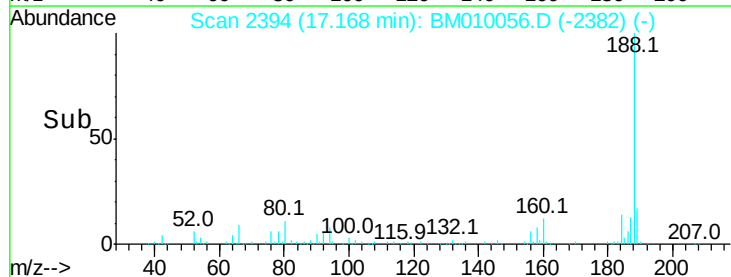
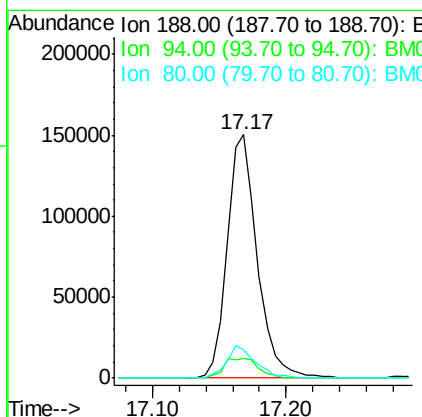
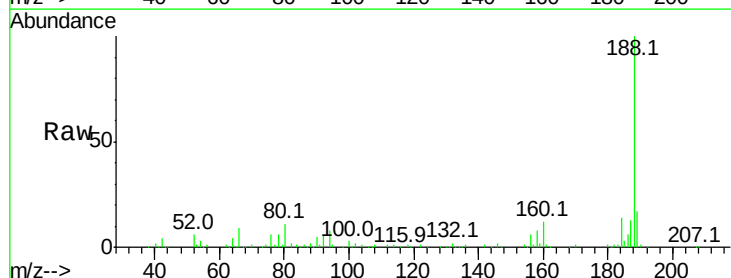
Instrument :
BNA_M
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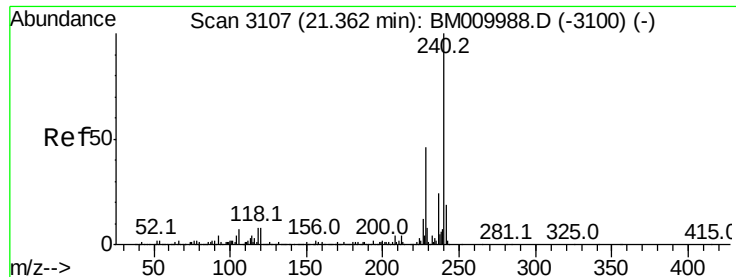
Tot Ion:172 Resp: 801539
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.6 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010056.D
Acq: 16 May 2017 16:44

Tgt Ion:188 Resp: 237124
Ion Ratio Lower Upper
188 100
94 8.1 8.7 13.1#
80 11.5 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010056.D

Acq: 16 May 2017 16:44

Instrument :

BNA_M

ClientSampleId :

TP-3COMP

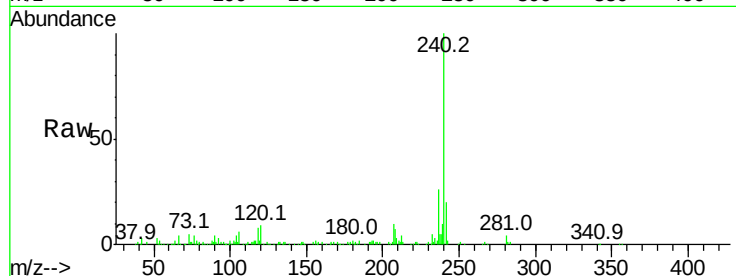
Tot Ion:240 Resp: 245304

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

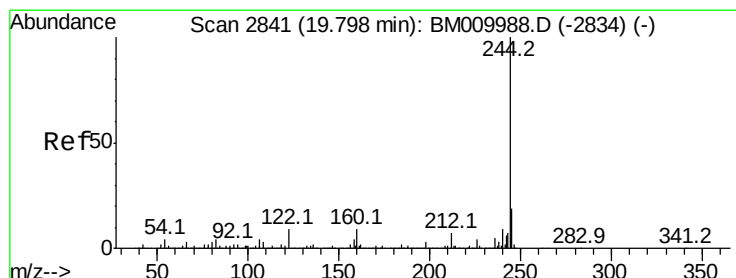
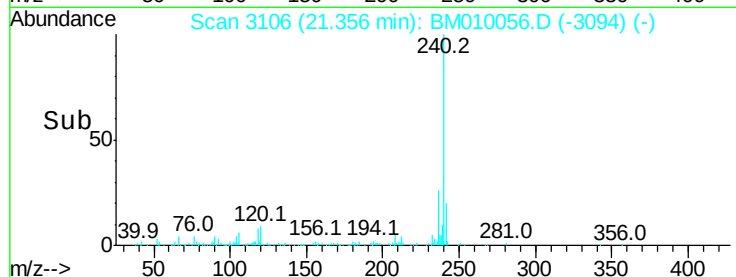
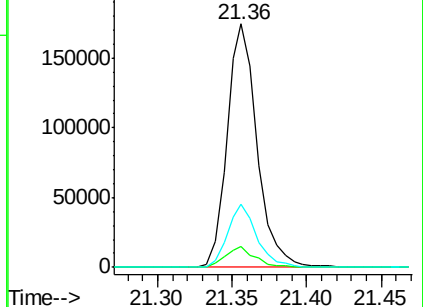
236 25.9 20.0 30.0



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



#78

Terphenyl-d14

Concen: 119.51 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010056.D

Acq: 16 May 2017 16:44

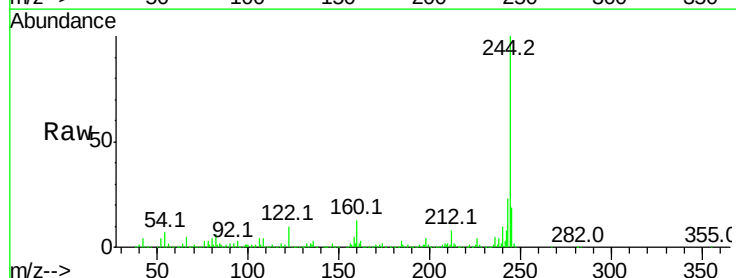
Tgt Ion:244 Resp: 1390998

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

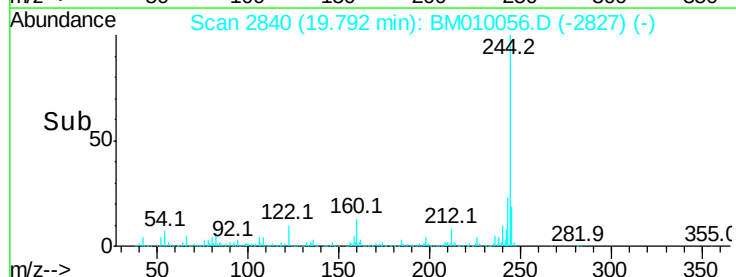
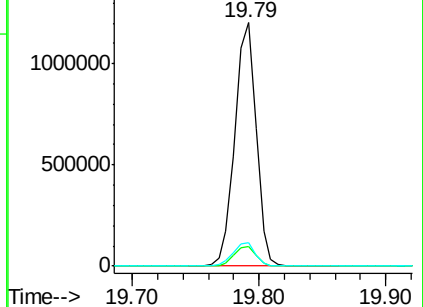
122 9.7 6.2 9.4#

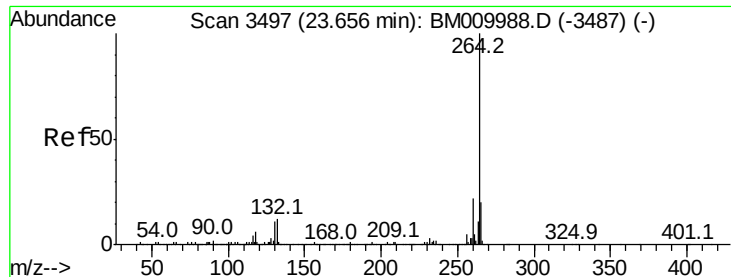


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3496
Delta R.T. -0.04 min
Lab File: BM010056.D
Acq: 16 May 2017 16:44

Instrument :
BNA_M
ClientSampleId :
TP-3COMP

Tot Ion: 264 Resp: 126681

Ion	Ratio	Lower	Upper
264	100		
260	20.8	18.6	27.8
265	18.9	17.3	25.9

