

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
 Data File : BM010026.D
 Acq On : 12 May 2017 16:39
 Operator : SJ/MA
 Sample : I3098-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Quant Time: May 13 02:47:21 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

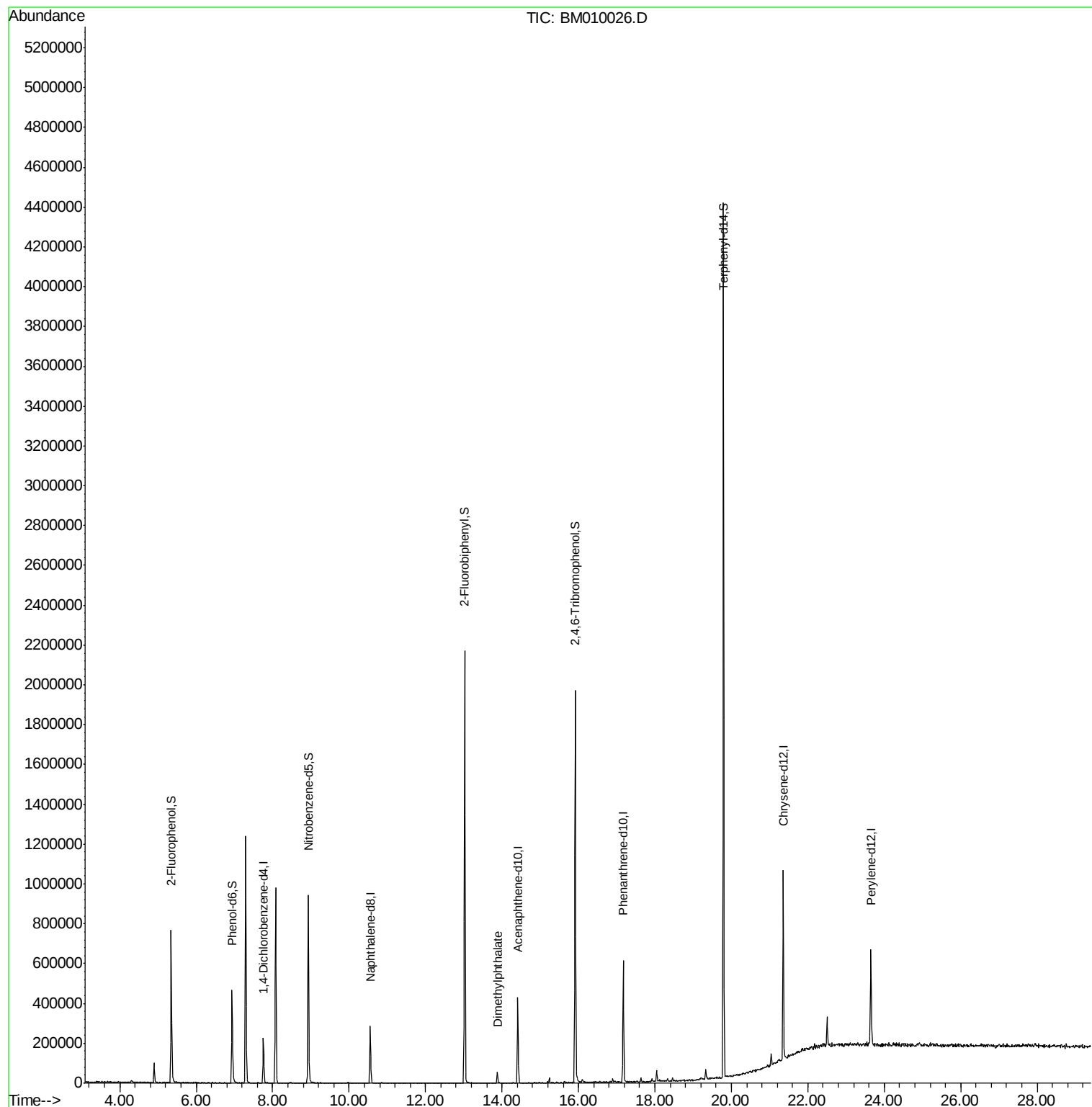
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	49528	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	204808	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	136088	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	339285	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	446065	20.00	ng	-0.03
86) Perylene-d12	23.65	264	351930	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	256427	81.02	ng	-0.02
7) Phenol-d6	6.94	99	226155	44.60	ng	-0.03
23) Nitrobenzene-d5	8.93	82	556831	99.36	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	295925	158.89	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1012817	99.53	ng	-0.02
78) Terphenyl-d14	19.79	244	1701207	80.38	ng	-0.02
Target Compounds						
49) Dimethylphthalate	13.89	163	35776	2.98	ng	Qvalue # 91

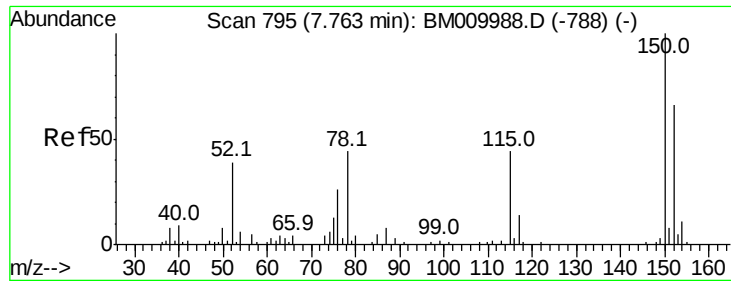
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010026.D

Acq: 12 May 2017 16:39

Instrument :

BNA_M

ClientSampleId :

MW-4

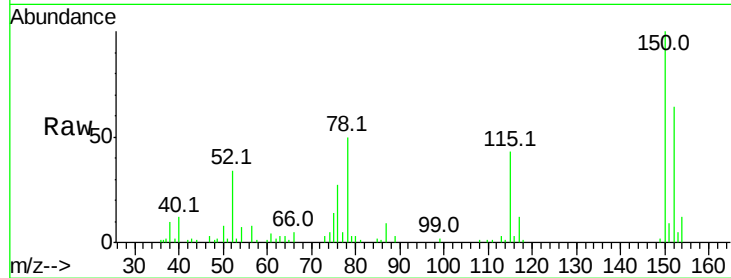
Tot Ion:152 Resp: 49528

Ion Ratio Lower Upper

152 100

150 155.9 119.5 179.3

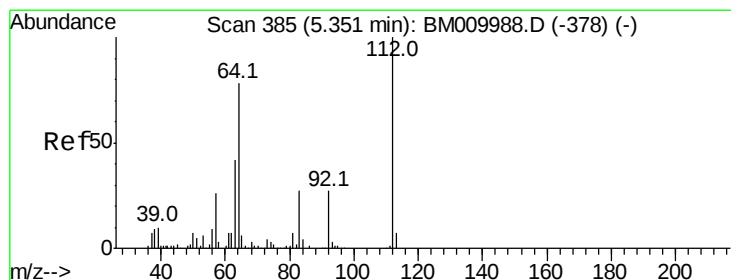
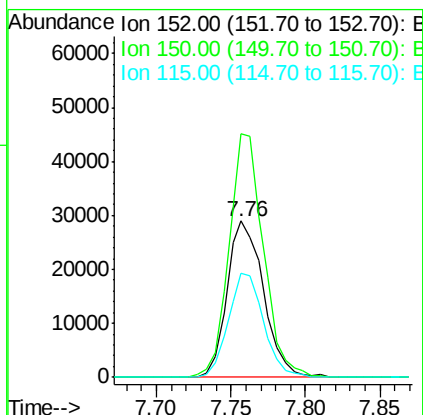
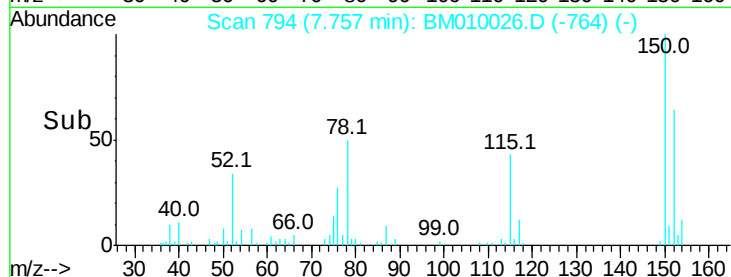
115 66.7 43.0 64.4#



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: 81.02 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM010026.D

Acq: 12 May 2017 16:39

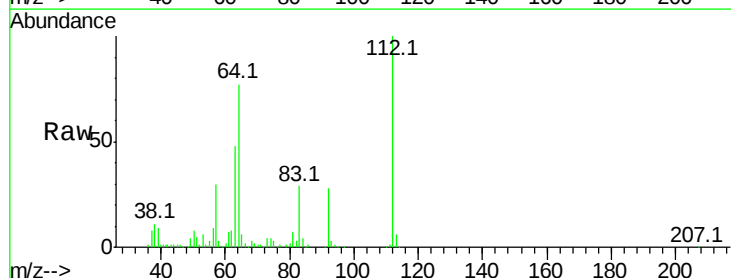
Tgt Ion:112 Resp: 256427

Ion Ratio Lower Upper

112 100

64 77.0 38.6 57.8#

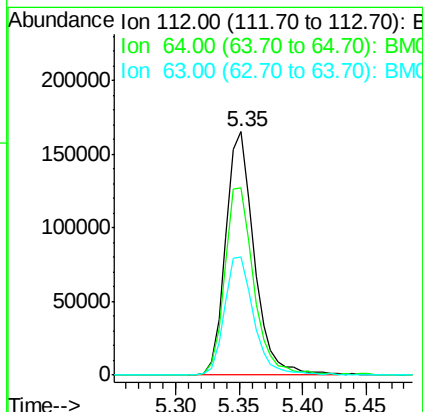
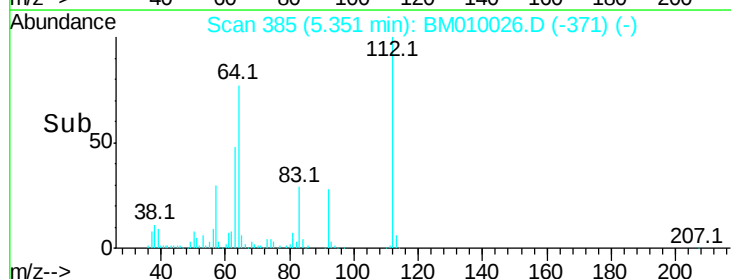
63 48.4 19.3 28.9#

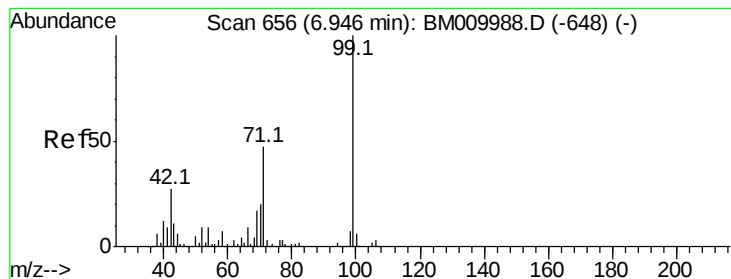


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 44.60 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010026.D

Acq: 12 May 2017 16:39

Instrument :

BNA_M

ClientSampled :

MW-4

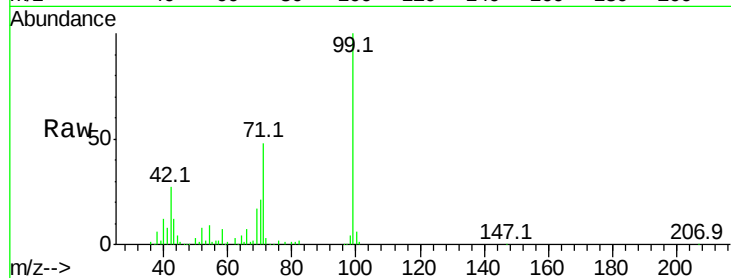
Tot Ion: 99 Resp: 226155

Ion Ratio Lower Upper

99 100

42 27.2 11.0 16.4#

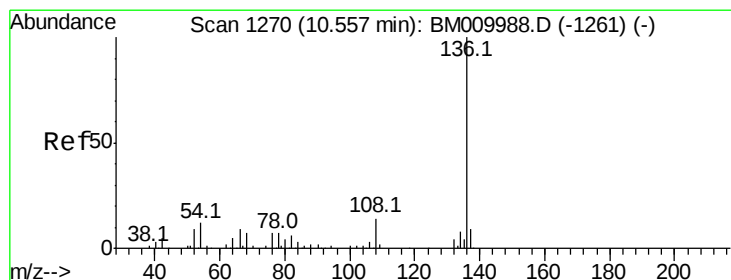
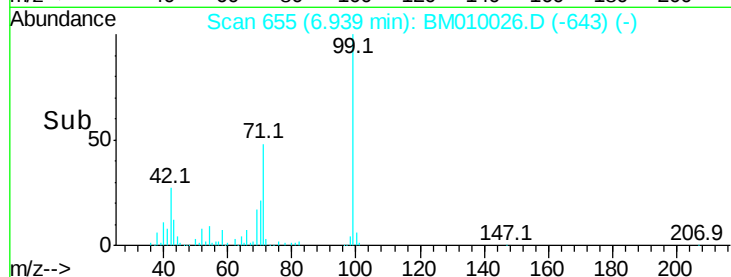
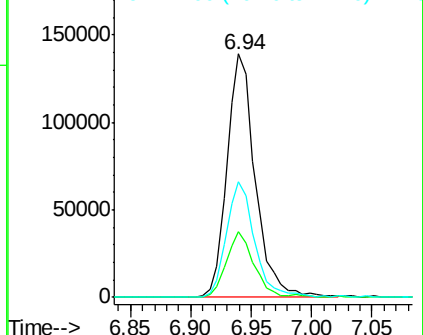
71 47.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BM010026.D

Acq: 12 May 2017 16:39

Tgt Ion: 136 Resp: 204808

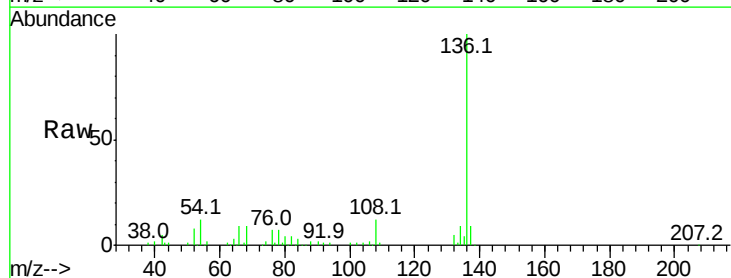
Ion Ratio Lower Upper

136 100

137 8.9 8.7 13.1

54 12.0 4.6 6.8#

68 8.7 3.7 5.5#

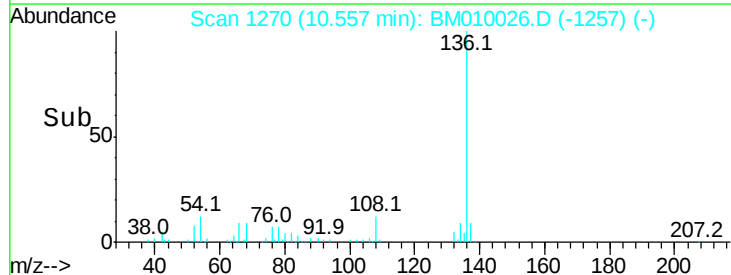
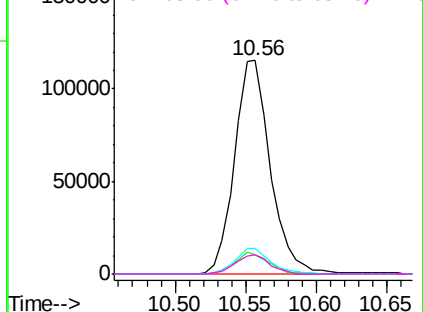


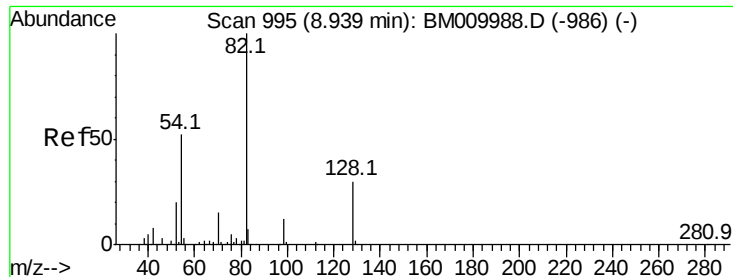
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 99.36 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010026.D

Acq: 12 May 2017 16:39

Instrument :

BNA_M

ClientSampled :

MW-4

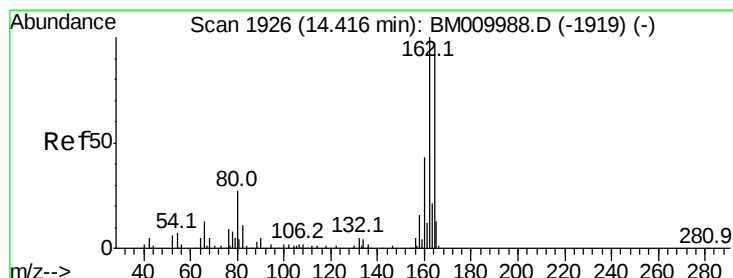
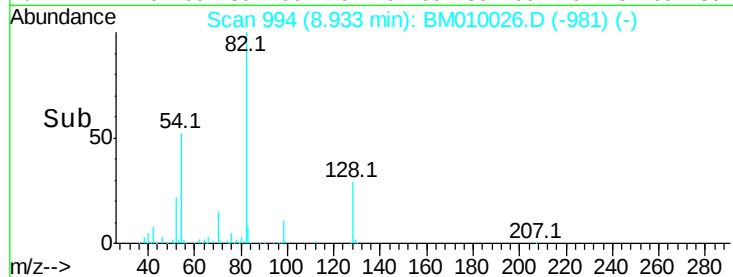
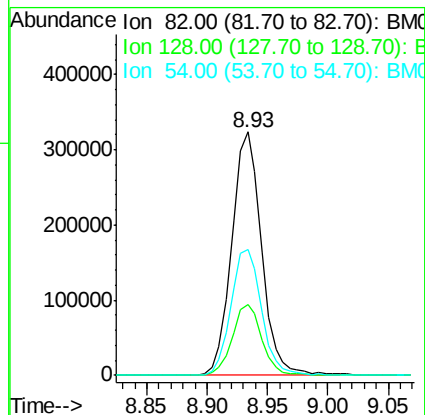
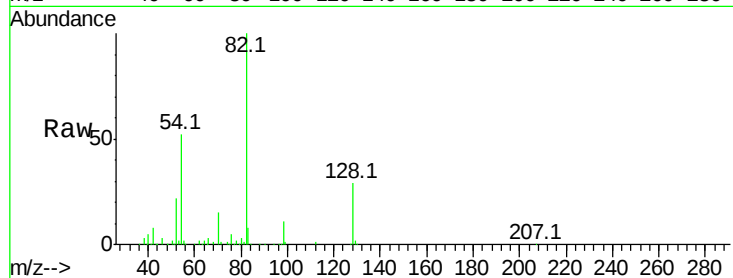
Tot Ion: 82 Resp: 556831

Ion Ratio Lower Upper

82 100

128 29.1 32.8 49.2#

54 51.9 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BM010026.D

Acq: 12 May 2017 16:39

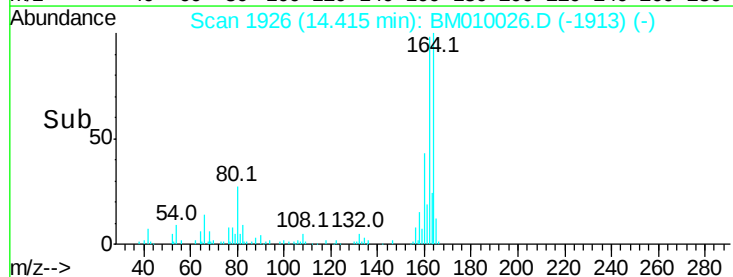
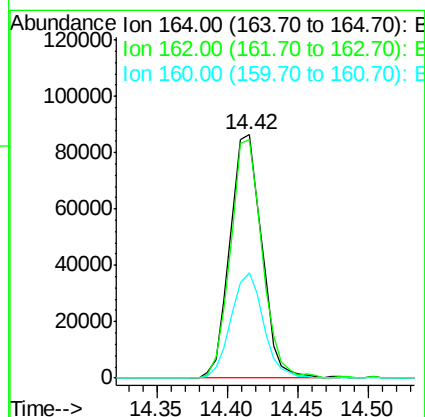
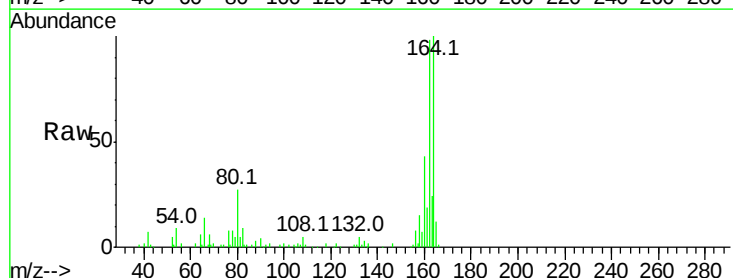
Tgt Ion: 164 Resp: 136088

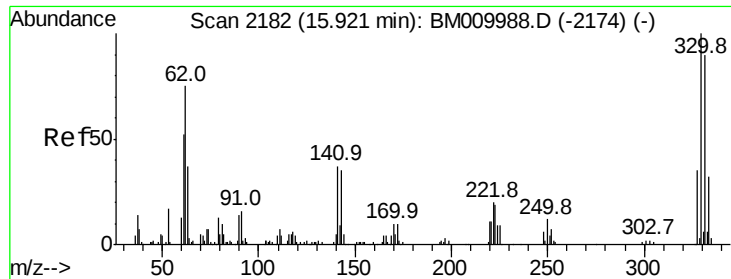
Ion Ratio Lower Upper

164 100

162 97.8 82.4 123.6

160 43.5 35.8 53.6

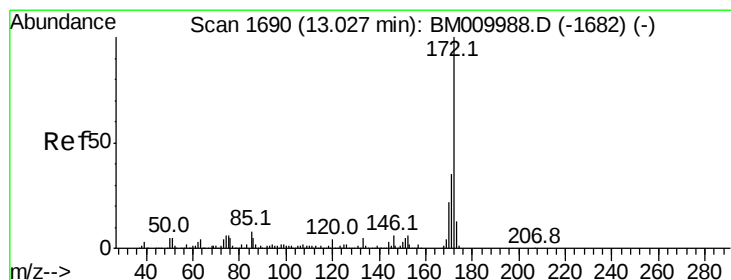
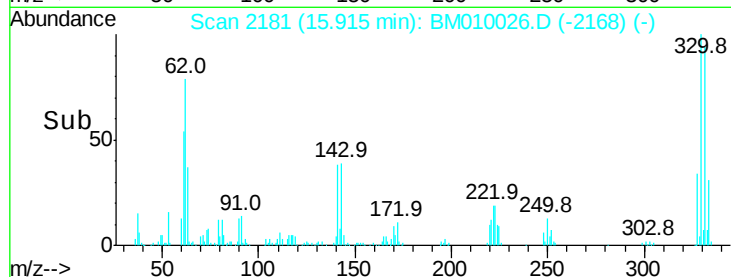
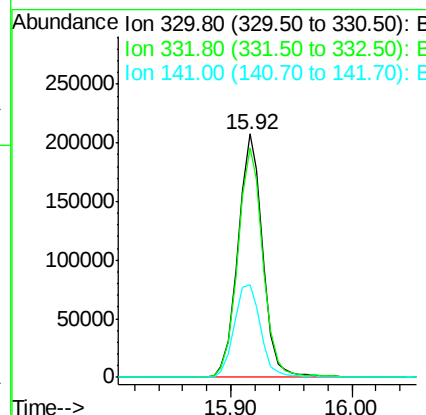
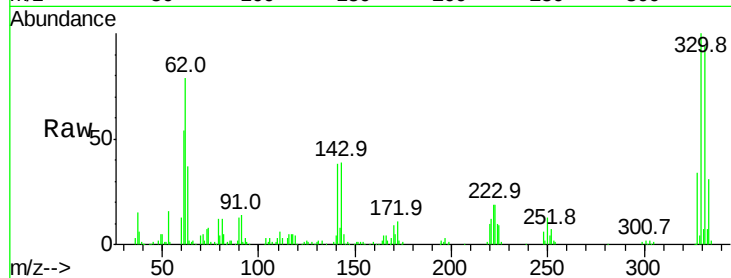




#41
 2,4,6-Tribromophenol
 Concen: 158.89 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010026.D
 Acq: 12 May 2017 16:39

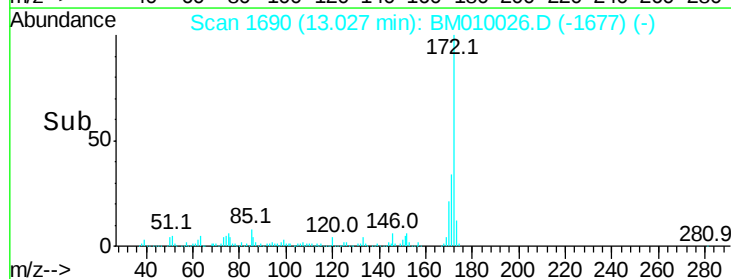
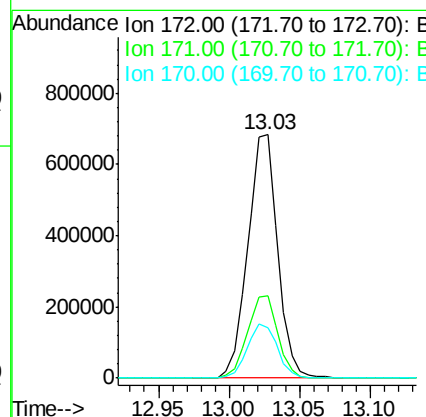
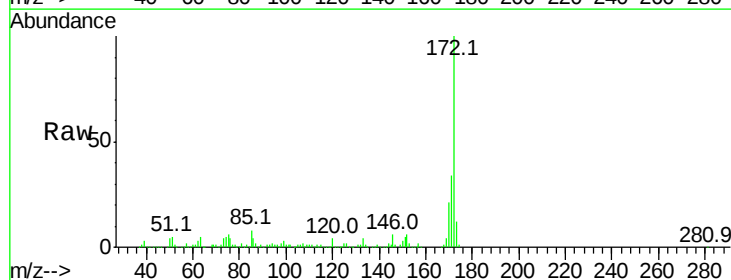
Instrument :
 BNA_M
 ClientSampled :
 MW-4

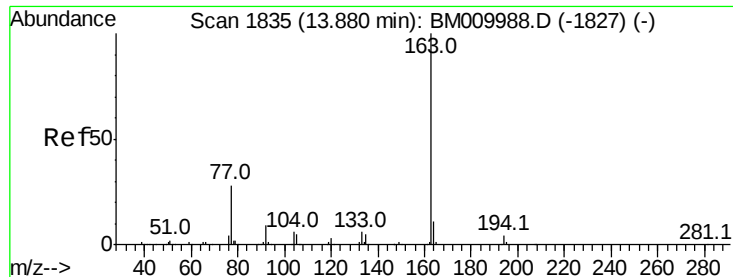
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	41.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 99.53 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010026.D
 Acq: 12 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.5	42.7
170	20.8	18.8	28.2

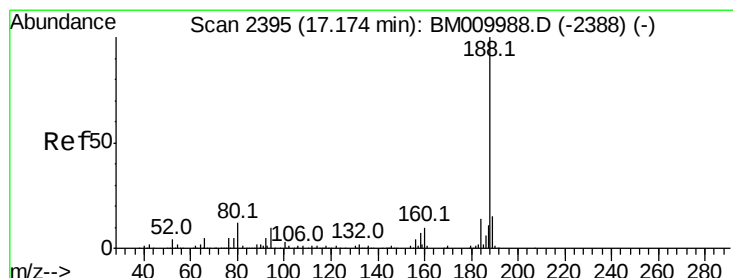
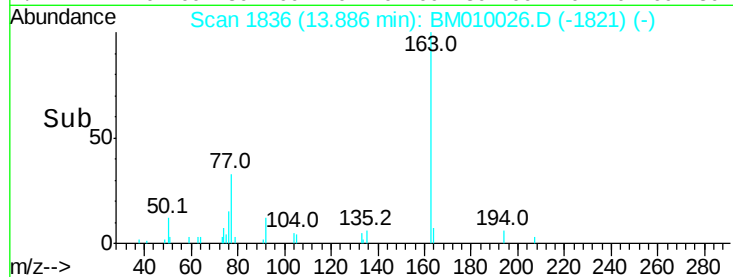
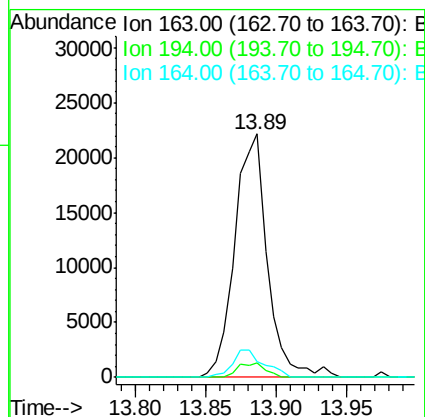
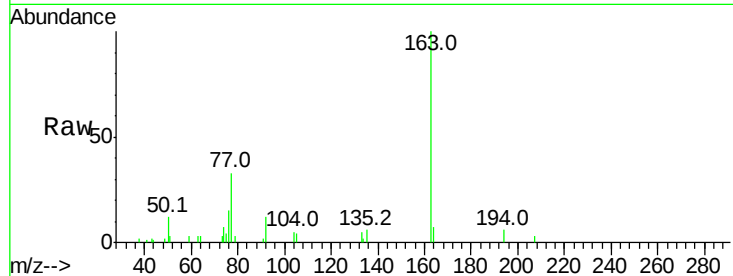




#49
Dimethylphthalate
Concen: 2.98 ng
RT: 13.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BM010026.D
Acq: 12 May 2017 16:39

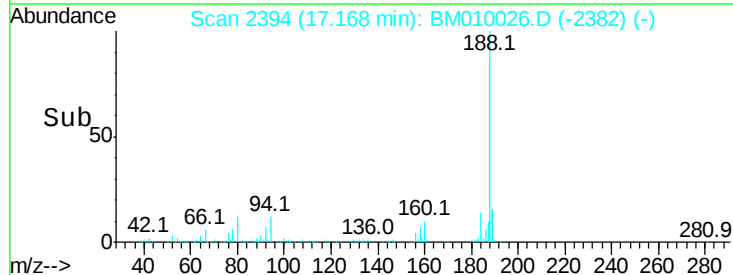
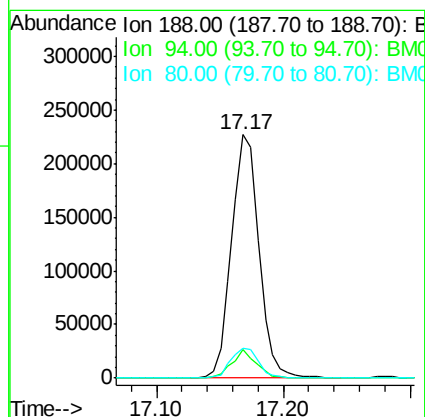
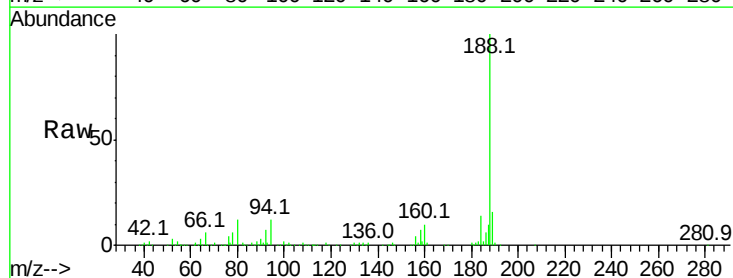
Instrument :
BNA_M
ClientSampleId :
MW-4

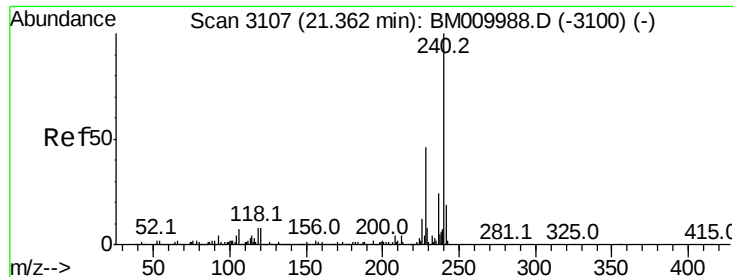
Tot Ion:163 Resp: 35776
Ion Ratio Lower Upper
163 100
194 5.8 2.7 4.1#
164 6.6 8.2 12.2#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010026.D
Acq: 12 May 2017 16:39

Tgt Ion:188 Resp: 339285
Ion Ratio Lower Upper
188 100
94 11.9 8.7 13.1
80 12.5 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: BM010026.D

Acq: 12 May 2017 16:39

Instrument :

BNA_M

ClientSampleId :

MW-4

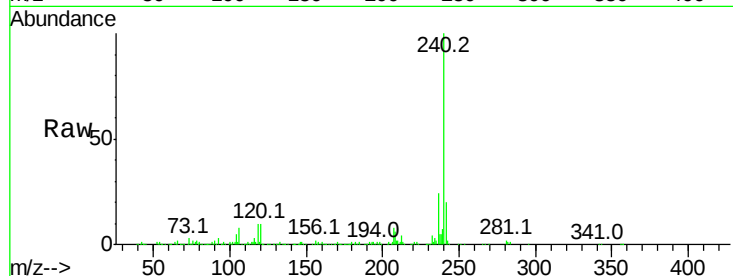
Tot Ion:240 Resp: 446065

Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.2

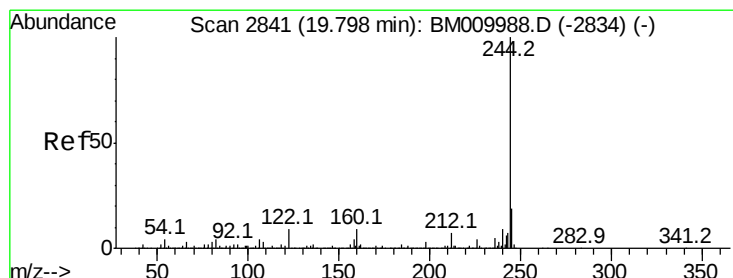
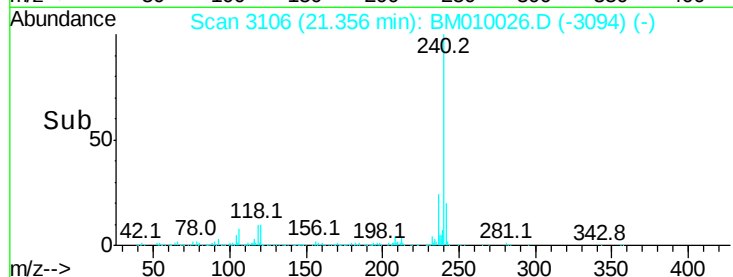
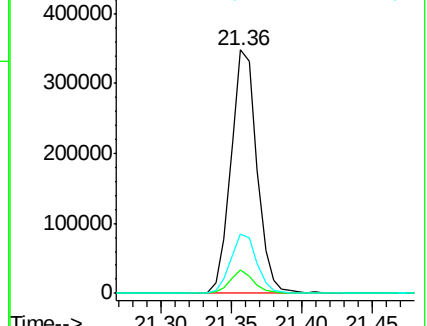
236 24.2 20.0 30.0



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: 80.38 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010026.D

Acq: 12 May 2017 16:39

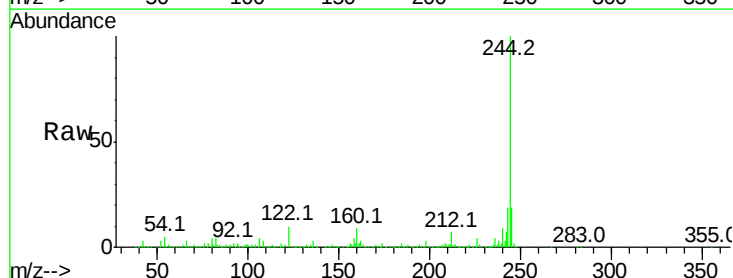
Tgt Ion:244 Resp: 1701207

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

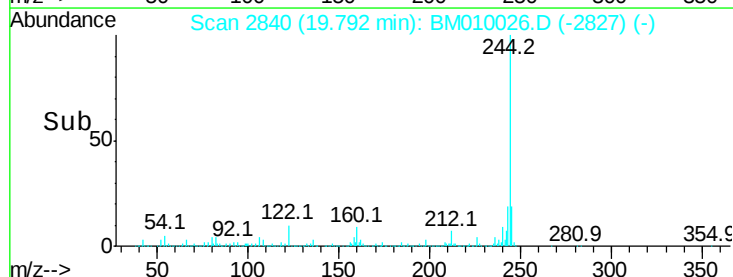
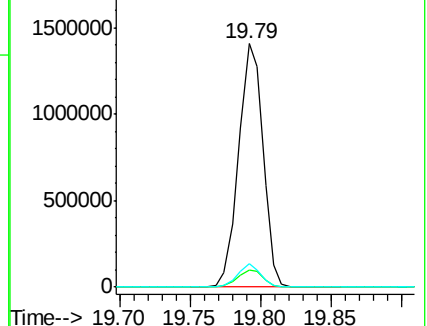
122 9.8 6.2 9.4#

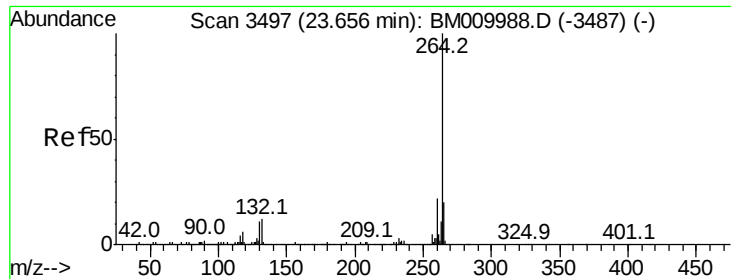


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

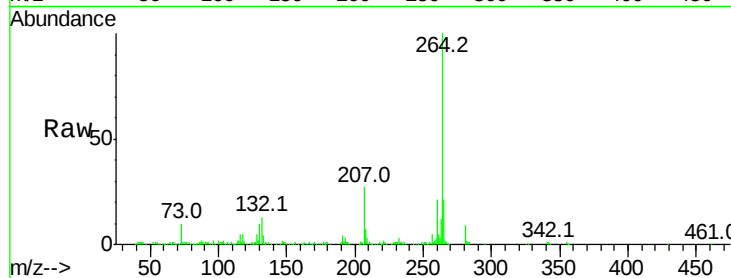




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010026.D
 Acq: 12 May 2017 16:39

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Tot Ion:	264	Resp:	351930
Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.6	27.8
265	21.3	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

