

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
 Data File : BM010027.D
 Acq On : 12 May 2017 17:15
 Operator : SJ/MA
 Sample : I3098-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB050917

Quant Time: May 13 04:10:27 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	46435	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	194313	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	128496	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	325141	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	448892	20.00	ng	-0.03
86) Perylene-d12	23.65	264	367747	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	215492	72.62	ng	-0.02
7) Phenol-d6	6.94	99	199162	41.89	ng	-0.03
23) Nitrobenzene-d5	8.93	82	519866	97.77	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	275517	156.67	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	956383	99.54	ng	-0.02
78) Terphenyl-d14	19.79	244	1966257	92.32	ng	-0.02

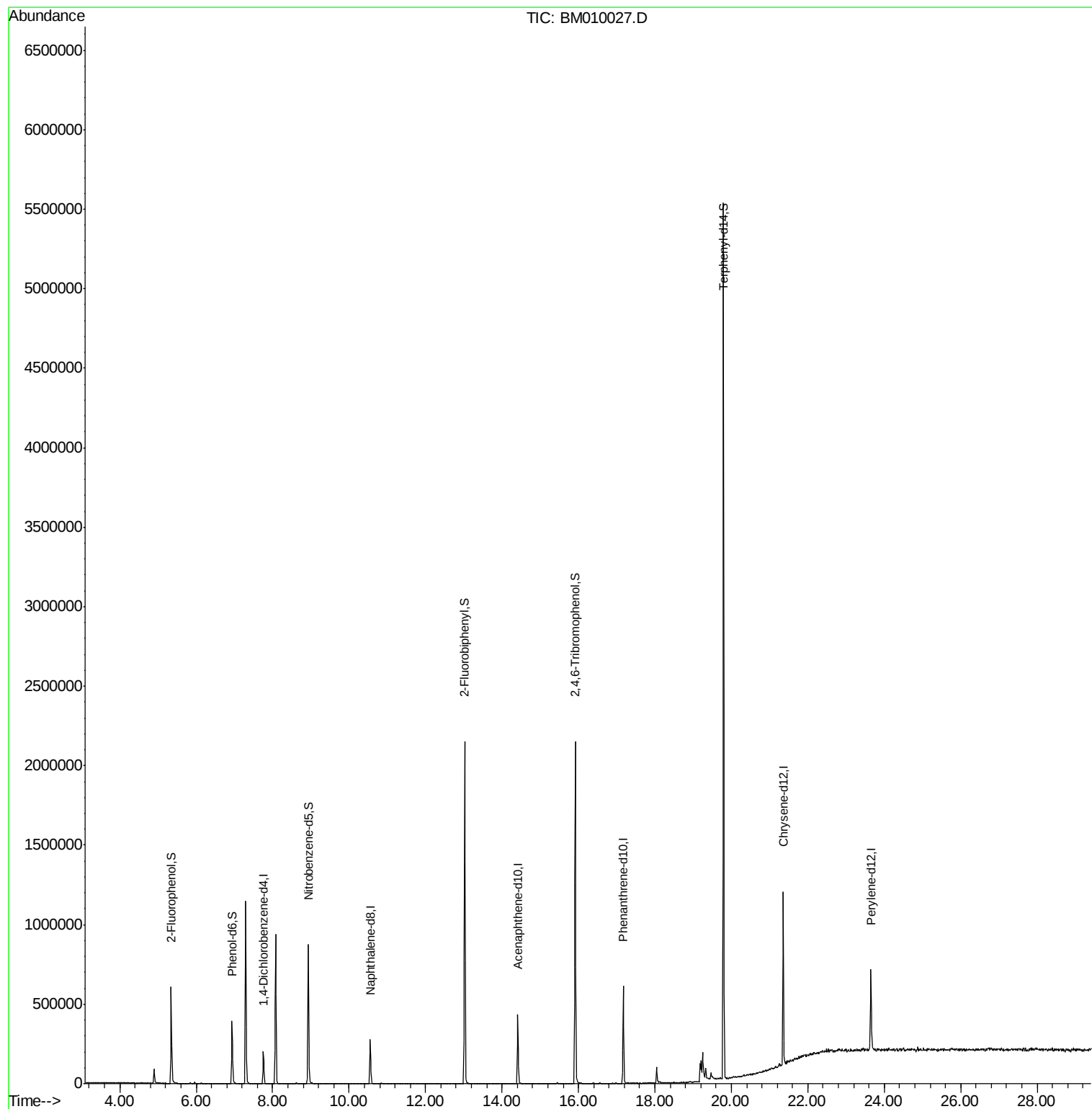
Target Compounds Qvalue

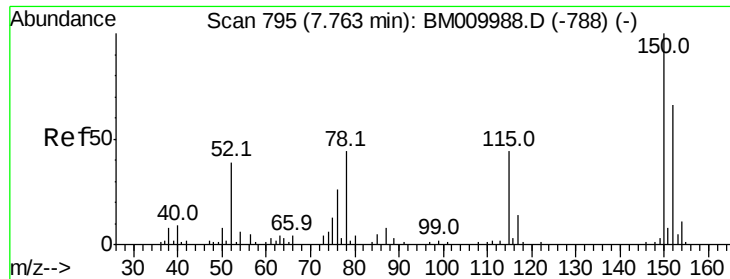
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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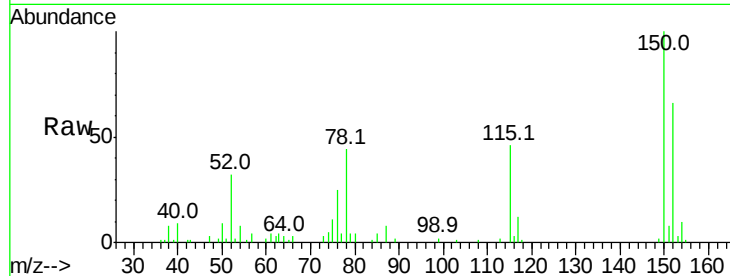


#1

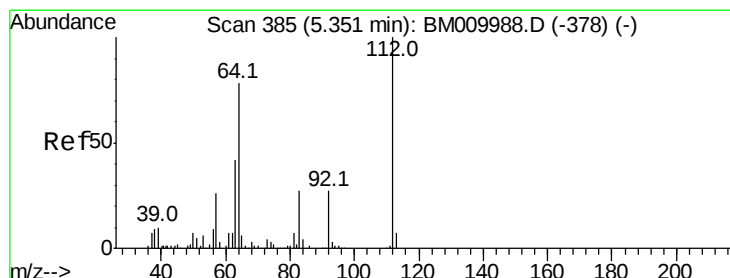
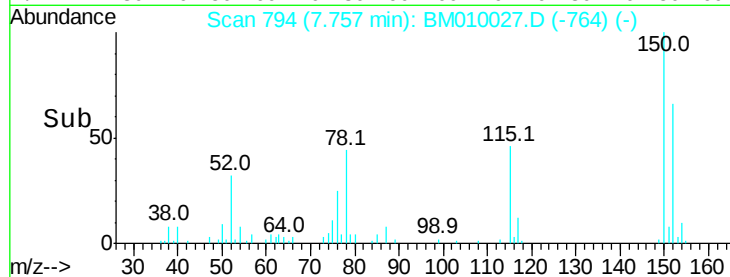
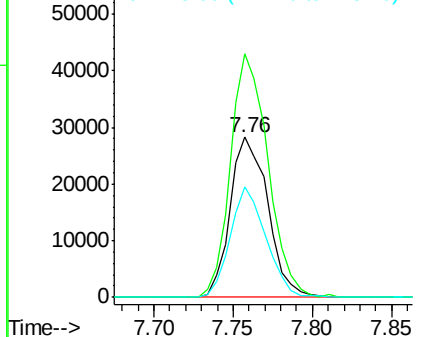
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010027.D
Acq: 12 May 2017 17:15

Instrument :
BNA_M
ClientSampleId :
FB050917

Tot Ion:152 Resp: 46435
Ion Ratio Lower Upper
152 100
150 152.0 119.5 179.3
115 69.3 43.0 64.4#



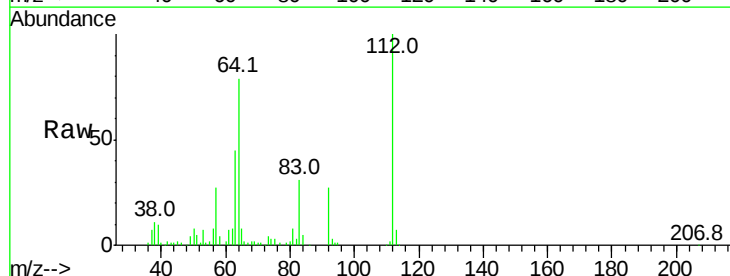
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



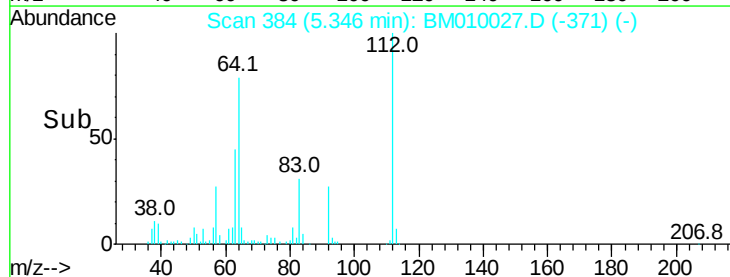
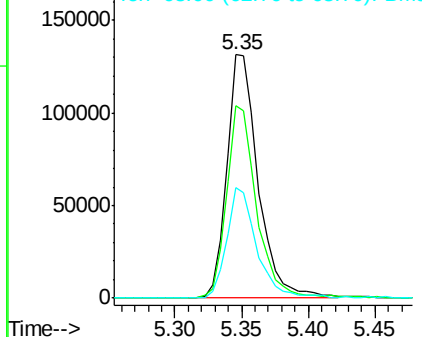
#5

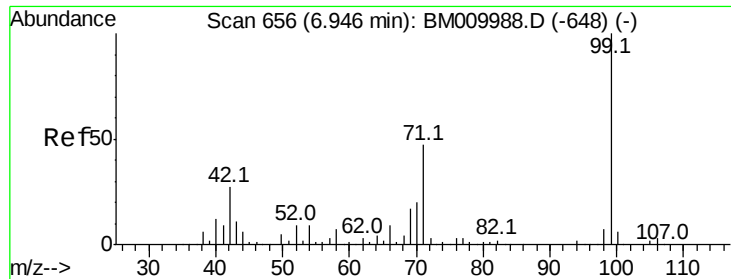
2-Fluorophenol
Concen: 72.62 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM010027.D
Acq: 12 May 2017 17:15

Tgt Ion:112 Resp: 215492
Ion Ratio Lower Upper
112 100
64 78.9 38.6 57.8#
63 45.3 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: 41.89 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010027.D

Acq: 12 May 2017 17:15

Instrument :

BNA_M

ClientSampleId :

FB050917

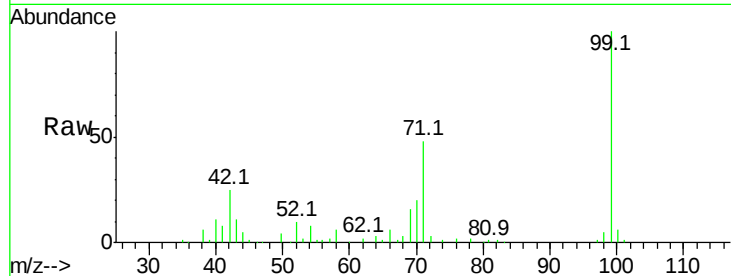
Tot Ion: 99 Resp: 199162

Ion Ratio Lower Upper

99 100

42 25.2 11.0 16.4#

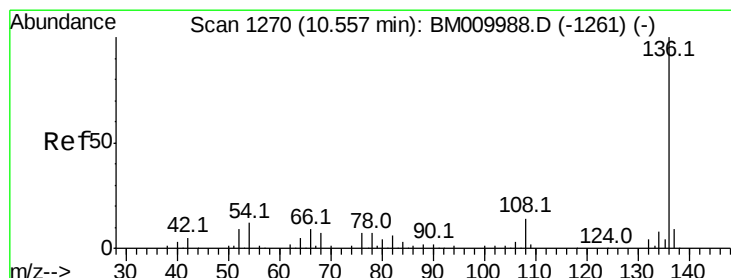
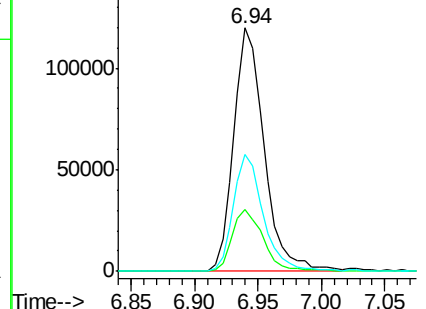
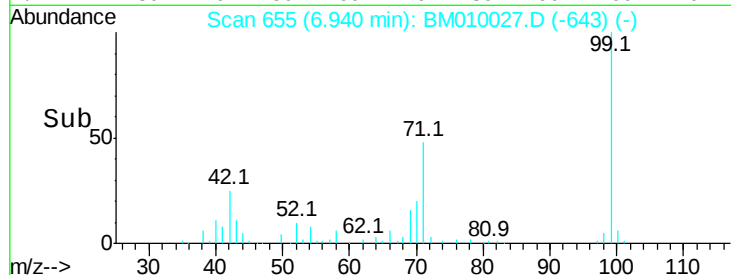
71 47.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010027.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM010027.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM010027.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BM010027.D

Acq: 12 May 2017 17:15

Tgt Ion: 136 Resp: 194313

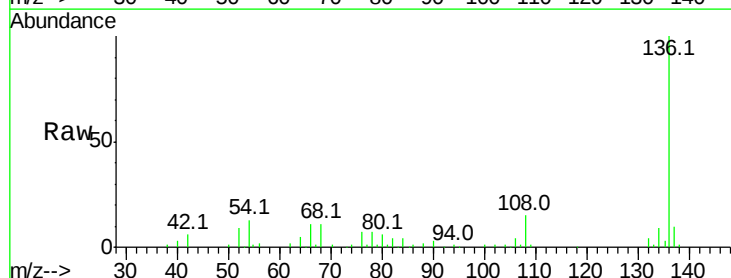
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 12.7 4.6 6.8#

68 10.6 3.7 5.5#

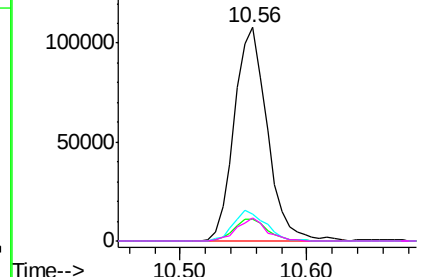
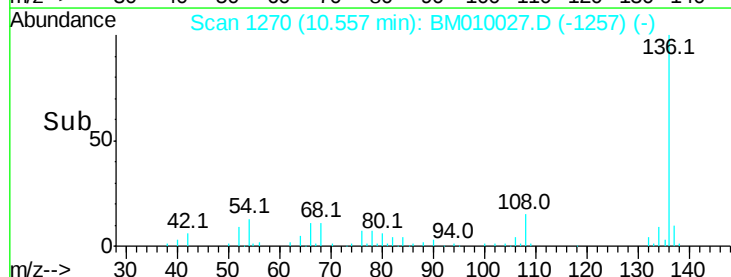


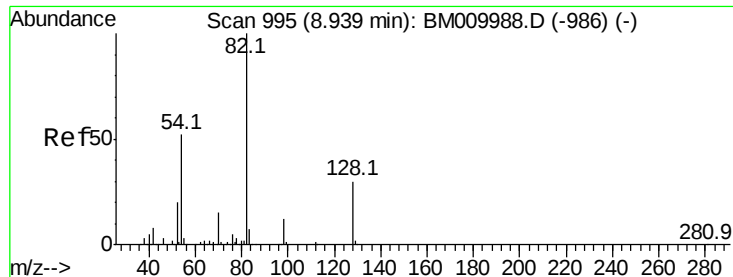
Abundance Ion 136.00 (135.70 to 136.70): BM010027.D (-1257) (-)

Ion 137.00 (136.70 to 137.70): BM010027.D (-1257) (-)

Ion 54.00 (53.70 to 54.70): BM010027.D (-1257) (-)

Ion 68.00 (67.70 to 68.70): BM010027.D (-1257) (-)





#23

Nitrobenzene-d5

Concen: 97.77 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010027.D

Acq: 12 May 2017 17:15

Instrument :

BNA_M

ClientSampleId :

FB050917

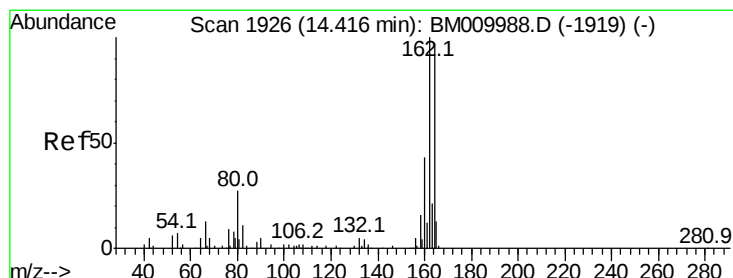
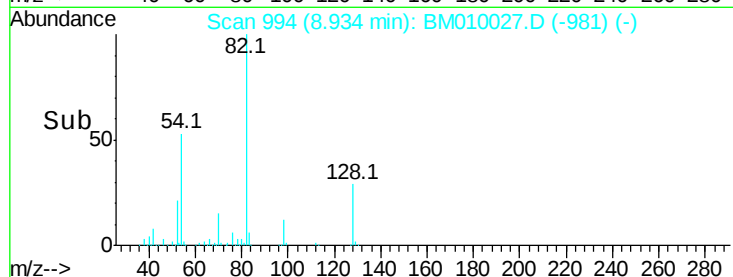
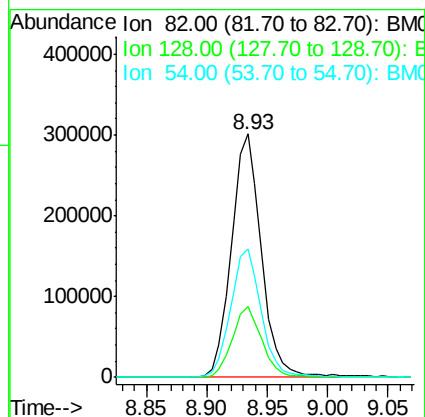
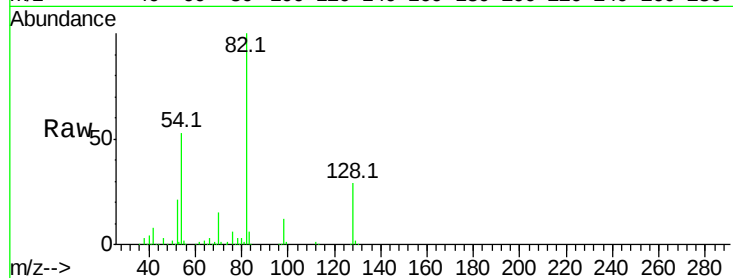
Tot Ion: 82 Resp: 519866

Ion Ratio Lower Upper

82 100

128 28.8 32.8 49.2#

54 52.8 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: BM010027.D

Acq: 12 May 2017 17:15

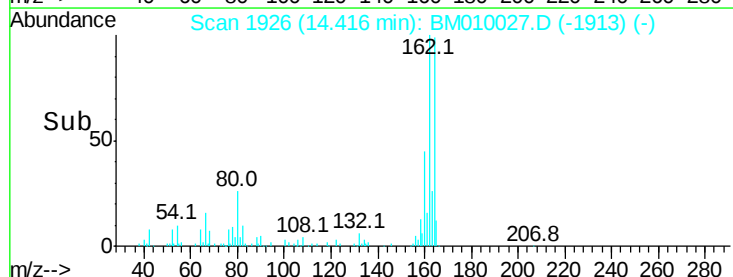
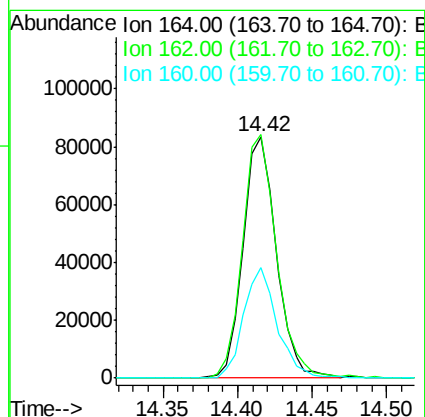
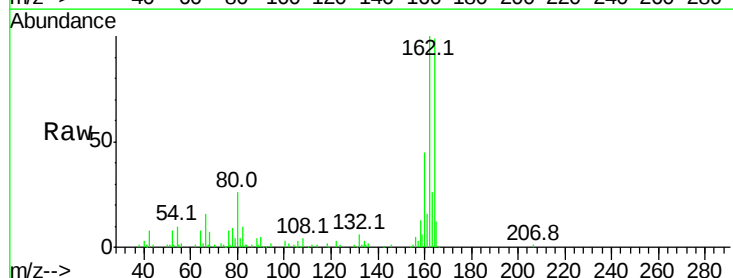
Tgt Ion: 164 Resp: 128496

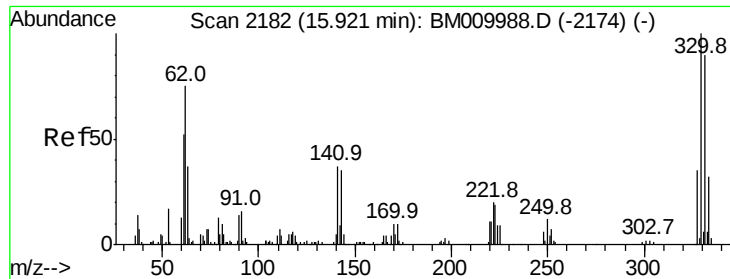
Ion Ratio Lower Upper

164 100

162 101.0 82.4 123.6

160 45.7 35.8 53.6

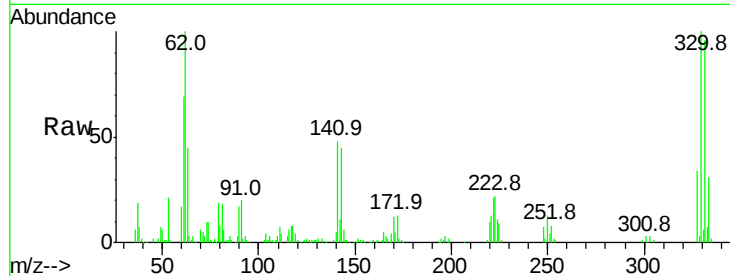




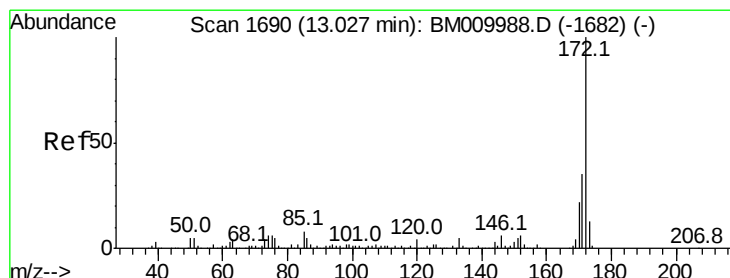
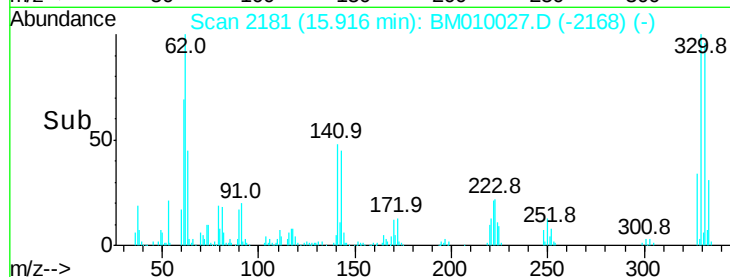
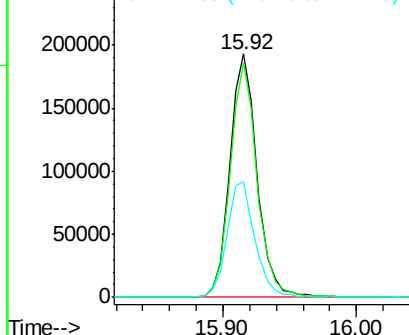
#41
 2,4,6-Tribromophenol
 Concen: 156.67 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010027.D
 Acq: 12 May 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 FB050917

Tot Ion:330 Resp: 275517
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 48.9 0.0 0.0#

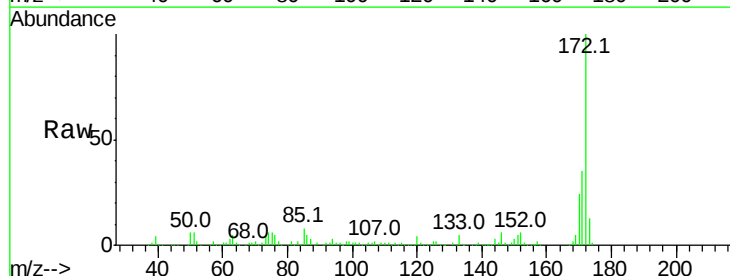


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

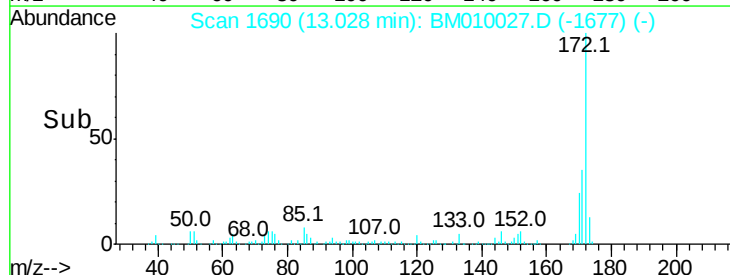
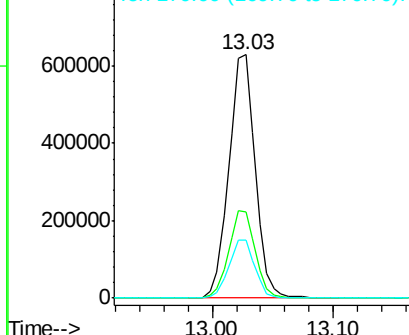


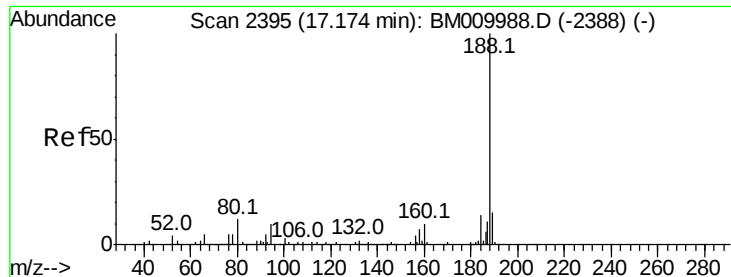
#44
 2-Fluorobiphenyl
 Concen: 99.54 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010027.D
 Acq: 12 May 2017 17:15

Tgt Ion:172 Resp: 956383
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.6 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

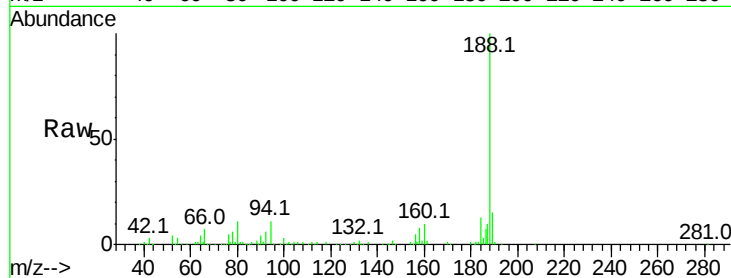




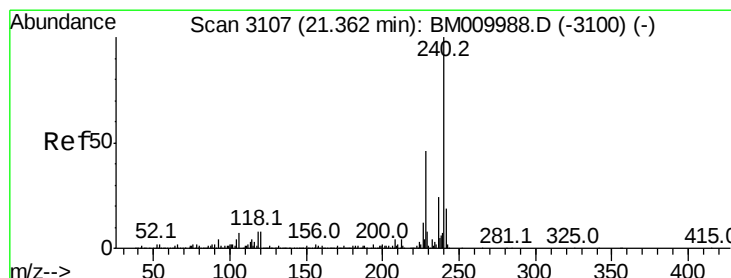
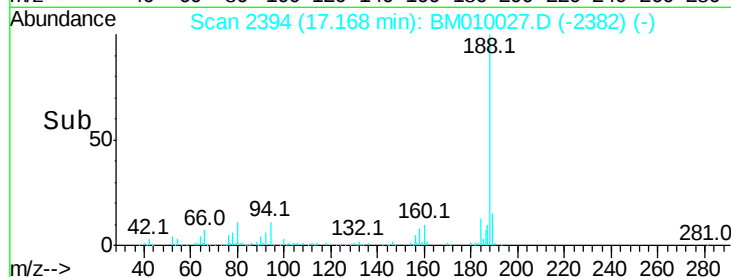
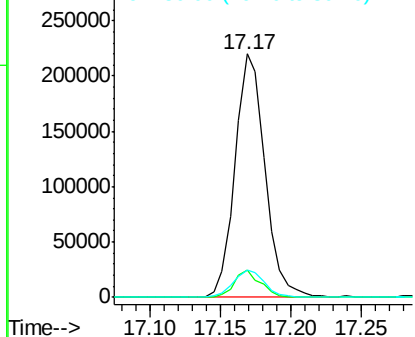
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010027.D
Acq: 12 May 2017 17:15

Instrument :
BNA_M
ClientSampleId :
FB050917

Tot Ion:188 Resp: 325141
Ion Ratio Lower Upper
188 100
94 11.3 8.7 13.1
80 11.4 9.3 13.9

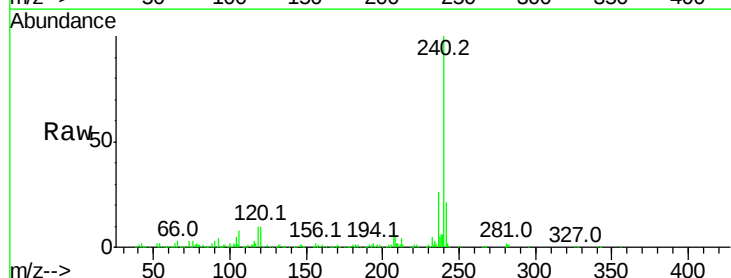


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

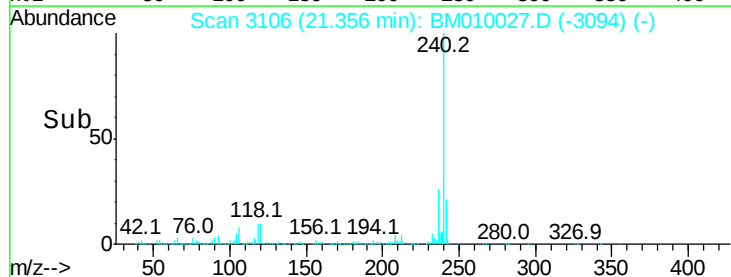
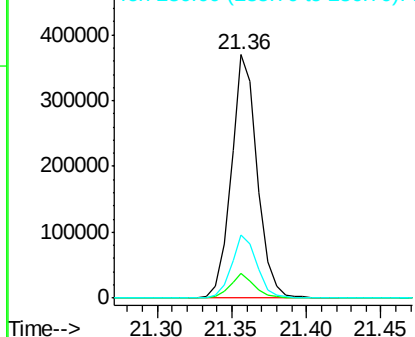


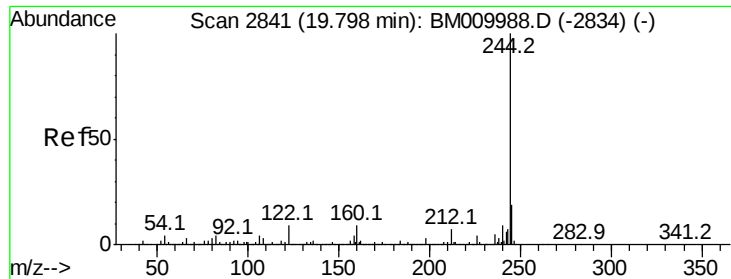
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010027.D
Acq: 12 May 2017 17:15

Tgt Ion:240 Resp: 448892
Ion Ratio Lower Upper
240 100
120 10.0 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

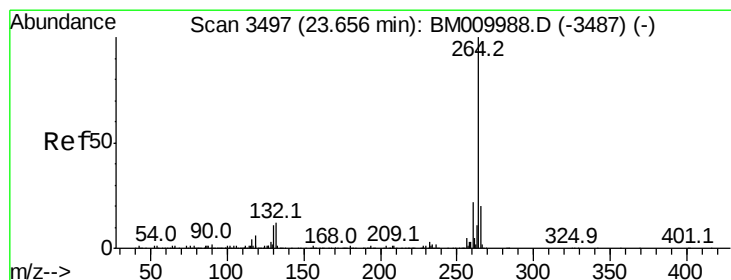
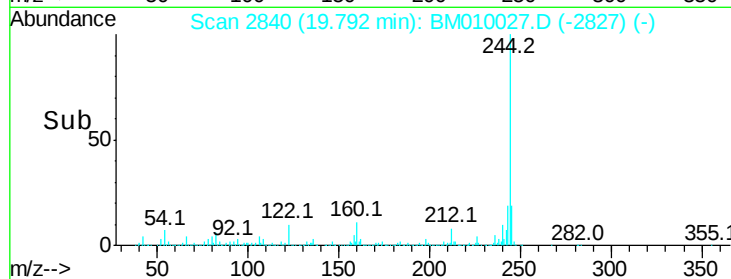
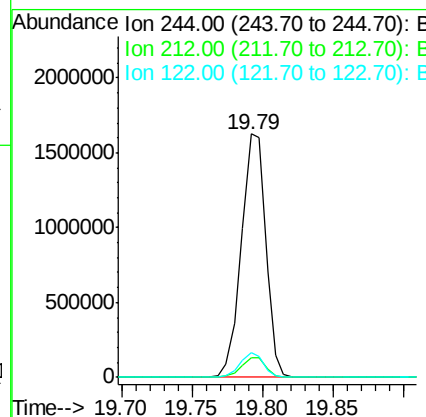
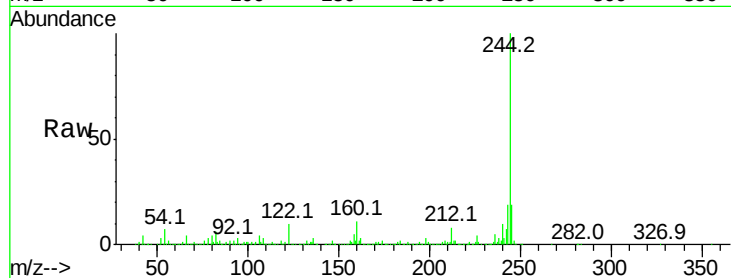




#78
 Terphenyl-d14
 Concen: 92.32 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. -0.02 min
 Lab File: BM010027.D
 Acq: 12 May 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 FB050917

Tot Ion:244 Resp: 1966257
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 10.1 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010027.D
 Acq: 12 May 2017 17:15

Tgt Ion:264 Resp: 367747
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 22.2 17.3 25.9

