

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

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 17 03:58:56 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

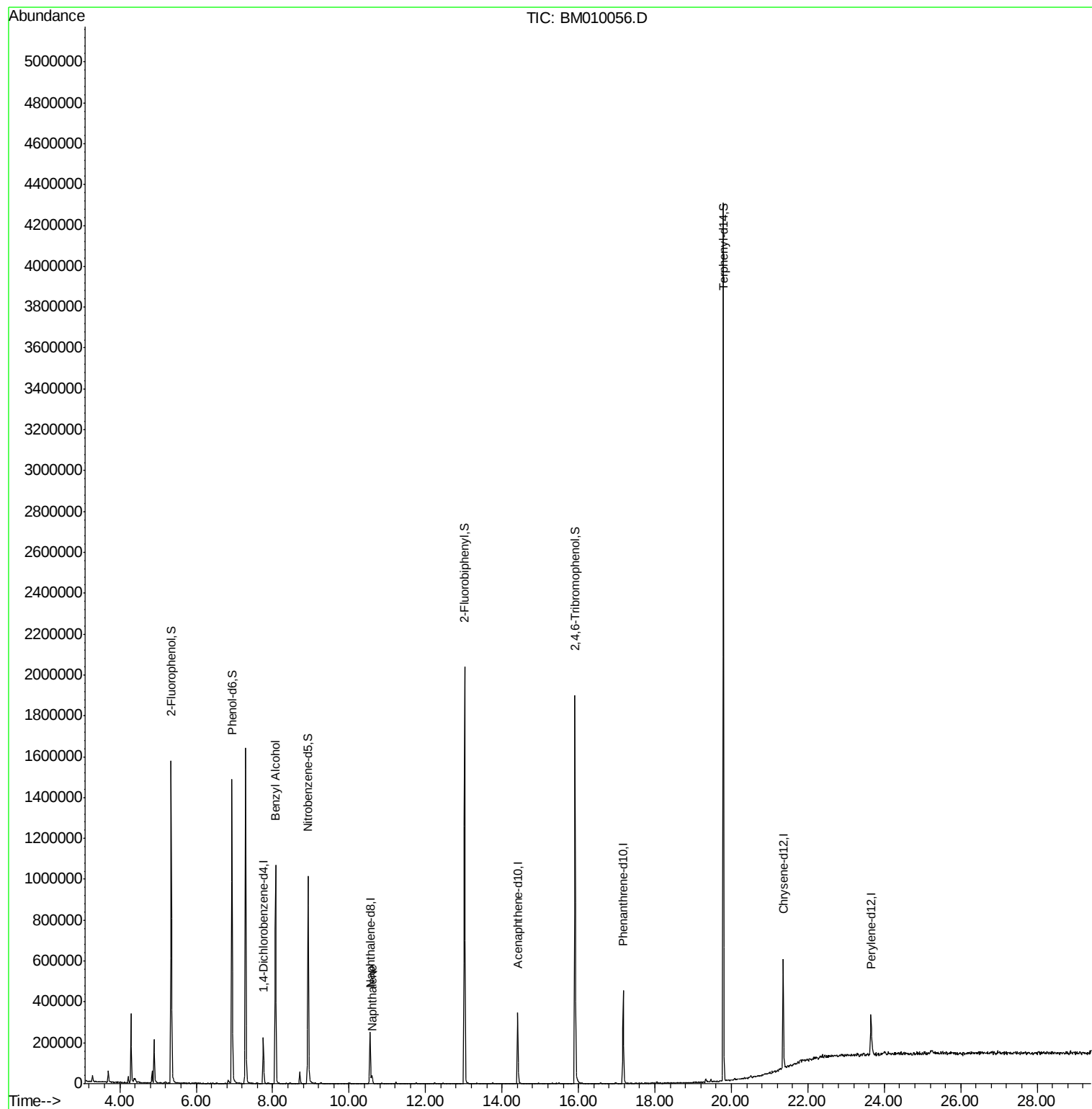
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	41538	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	166629	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	94885	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	237124	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	245304	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						
15) Benzyl Alcohol	8.07	79	9502	2.62	ng	# 45
31) Naphthalene	10.60	128	26720	2.91	ng	# 93

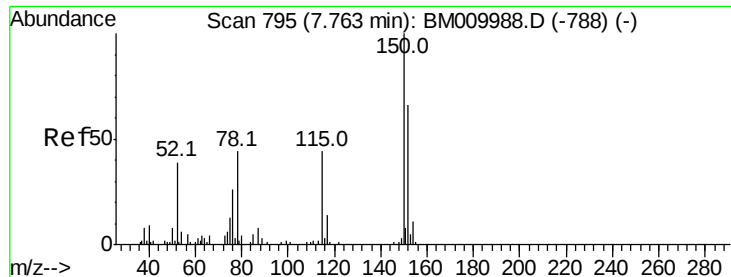
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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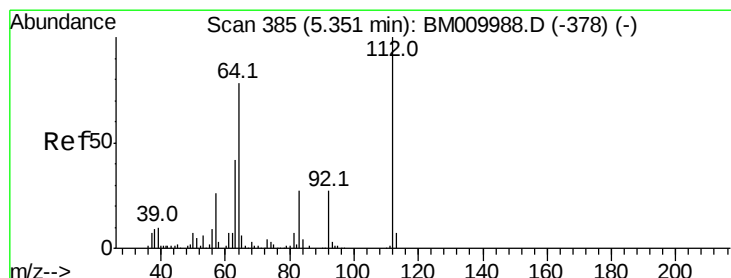
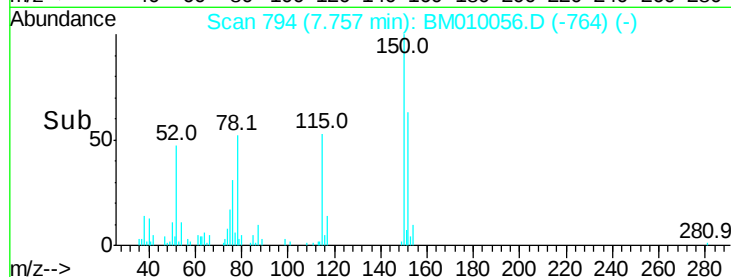
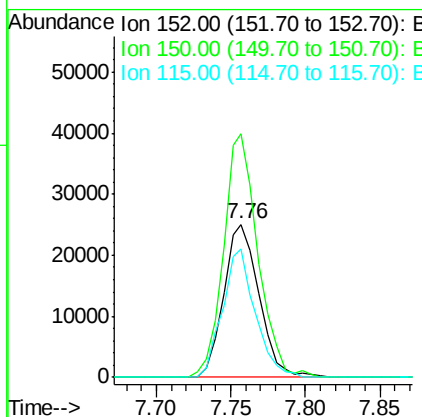
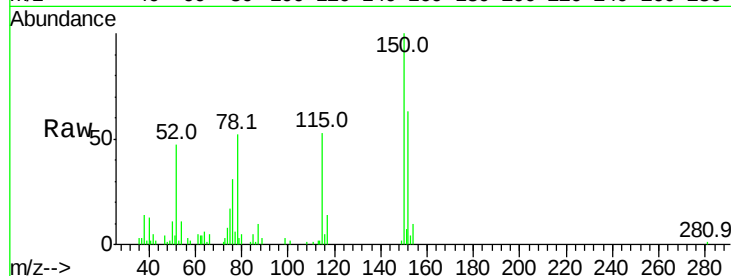


#1

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 :

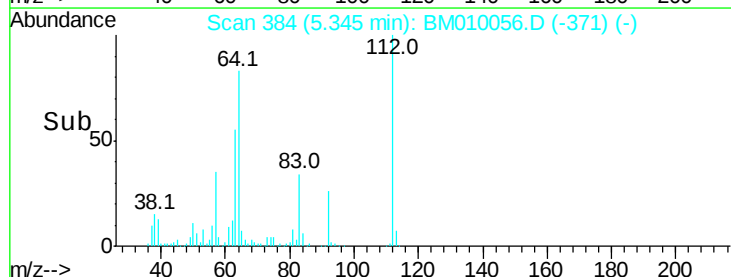
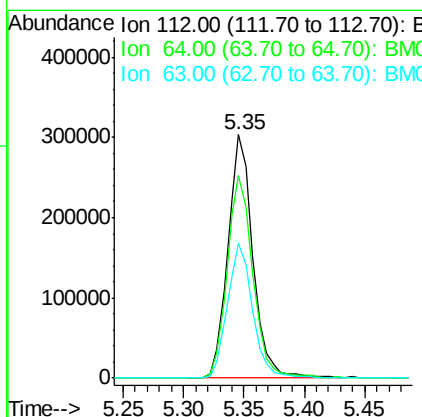
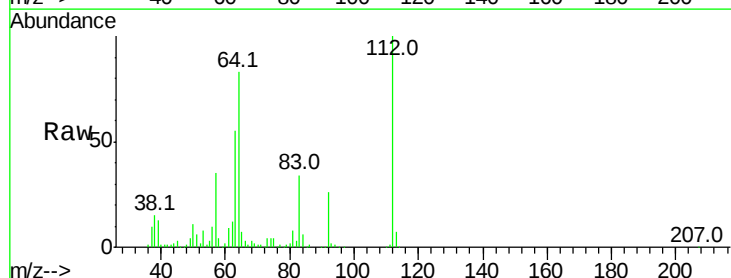
Tot Ion:152 Resp: 41538
Ion Ratio Lower Upper
152 100
150 159.4 119.5 179.3
115 84.2 43.0 64.4#

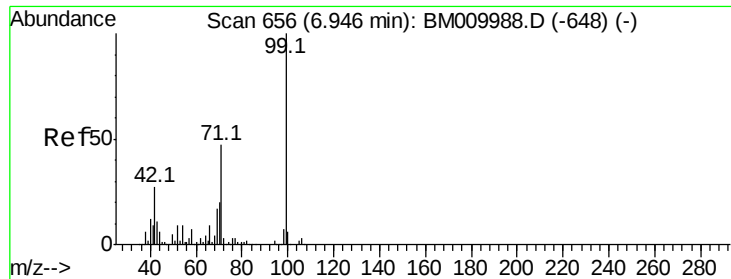


#5

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 :

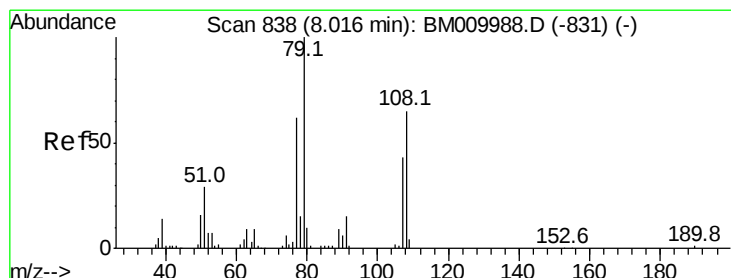
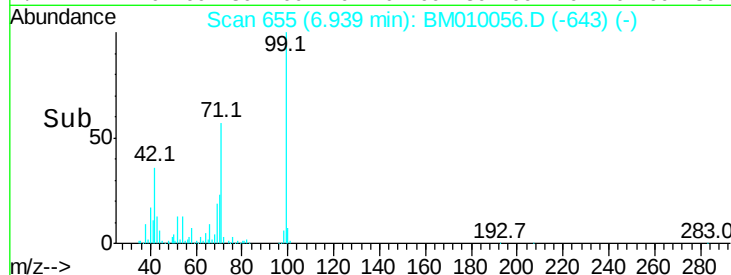
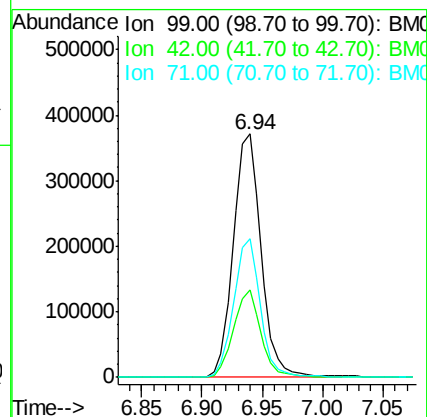
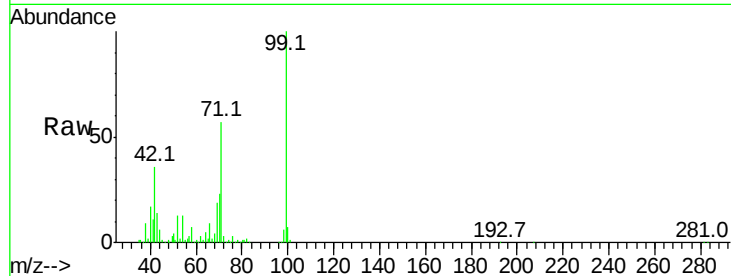
Tot Ion: 99 Resp: 597346

Ion Ratio Lower Upper

99 100

42 36.0 11.0 16.4#

71 57.1 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.62 ng

RT: 8.07 min Scan# 847

Delta R.T. 0.04 min

Lab File: BM010056.D

Acq: 16 May 2017 16:44

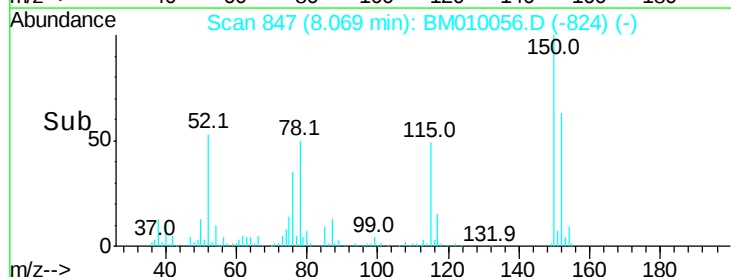
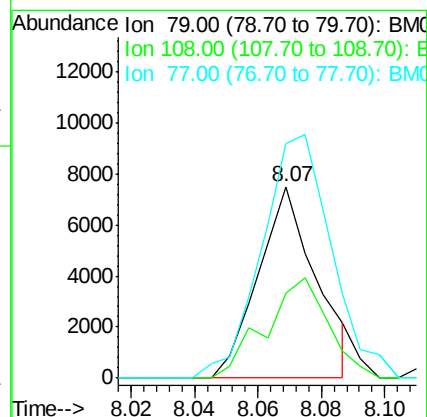
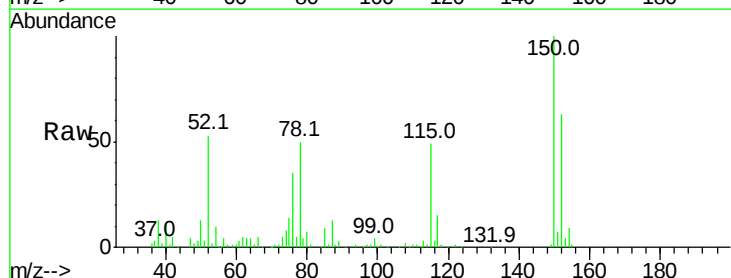
Tgt Ion: 79 Resp: 9502

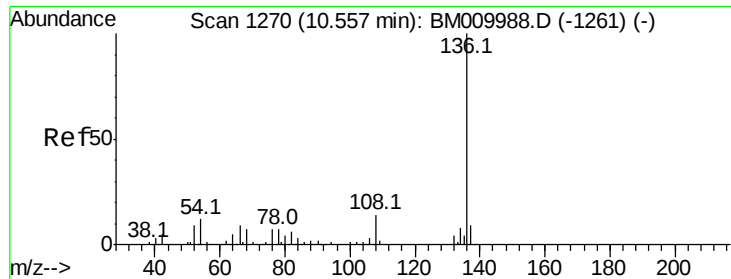
Ion Ratio Lower Upper

79 100

108 44.1 65.0 97.4#

77 122.4 53.0 79.6#

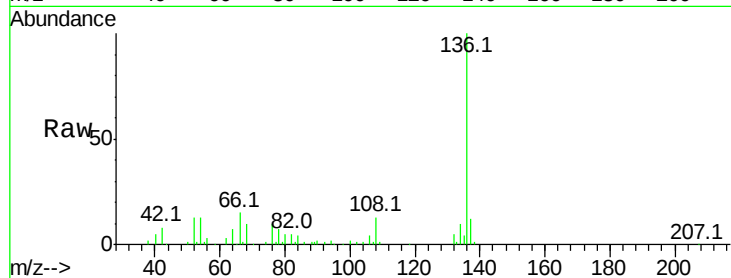




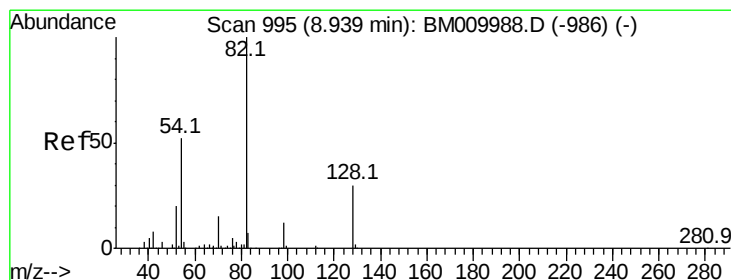
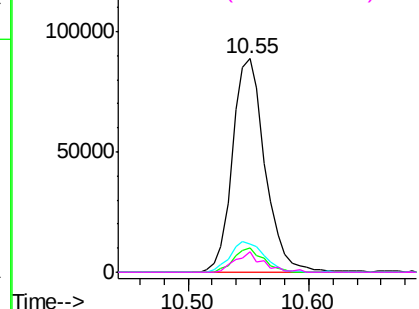
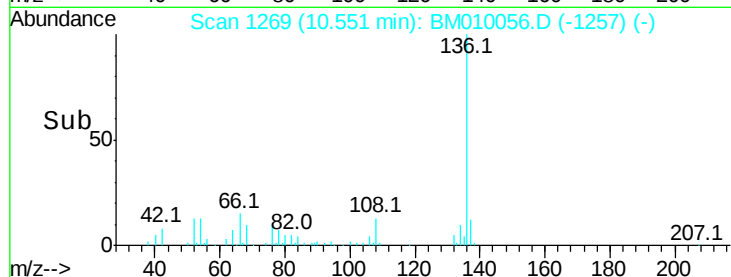
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010056.D
Acq: 16 May 2017 16:44

Instrument :
BNA_M
ClientSampleId :

Tot 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#

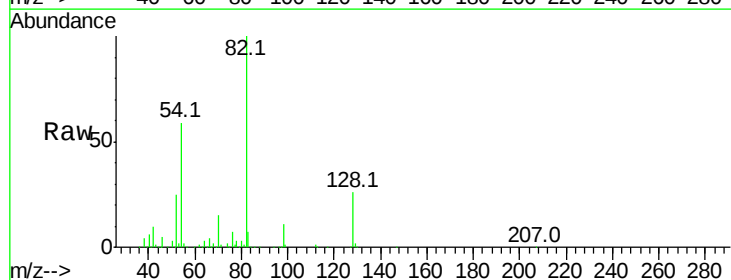


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

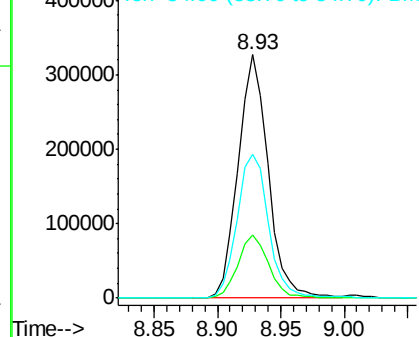
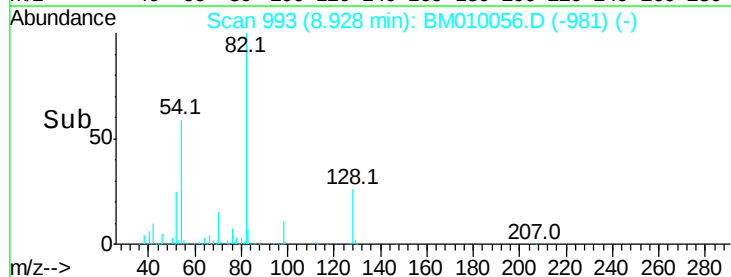


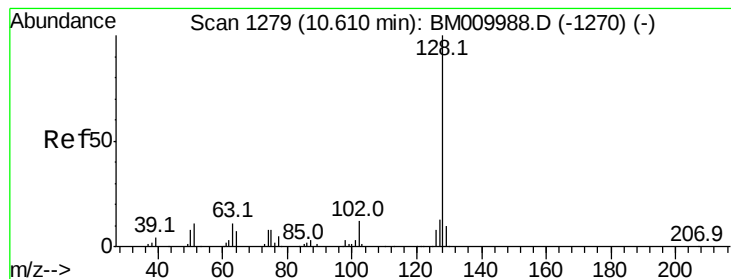
#23
Nitrobenzene-d5
Concen: 117.91 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM010056.D
Acq: 16 May 2017 16:44

Tgt Ion: 82	Resp:	537594
Ion Ratio	Lower	Upper
82	100	
128	25.7	32.8 49.2#
54	59.2	40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#31

Naphthalene

Concen: 2.91 ng

RT: 10.60 min Scan# 1278

Delta R.T. -0.03 min

Lab File: BM010056.D

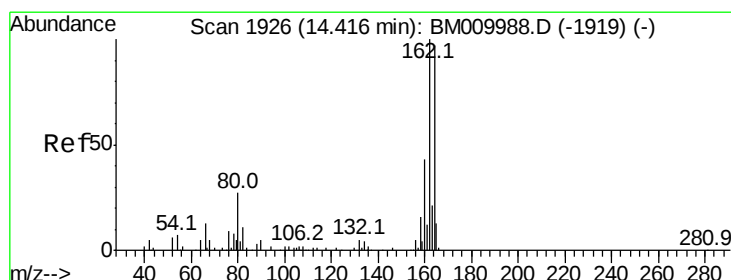
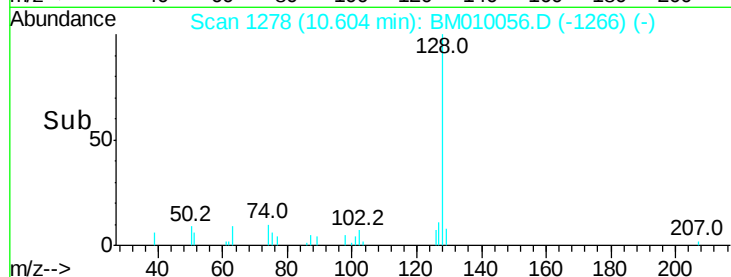
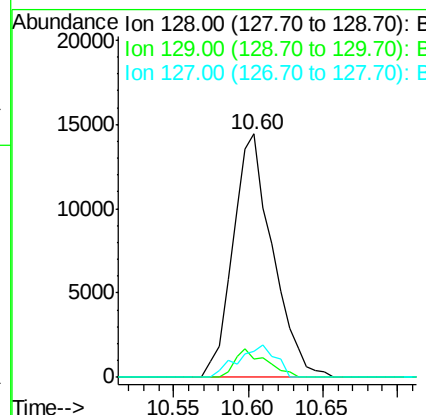
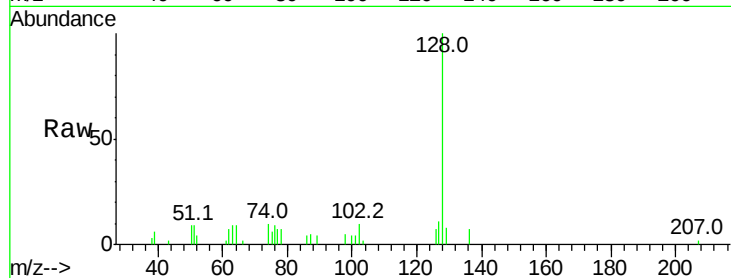
Acq: 16 May 2017 16:44

Instrument :

BNA_M

ClientSampleId :

Tot 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

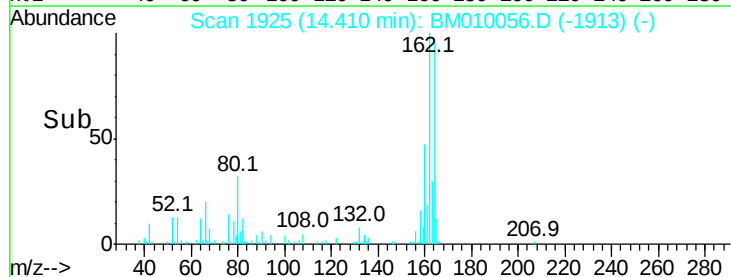
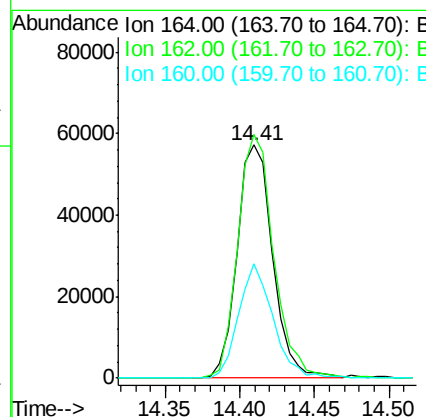
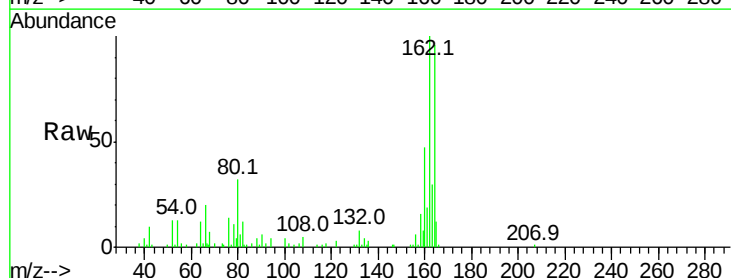
RT: 14.41 min Scan# 1925

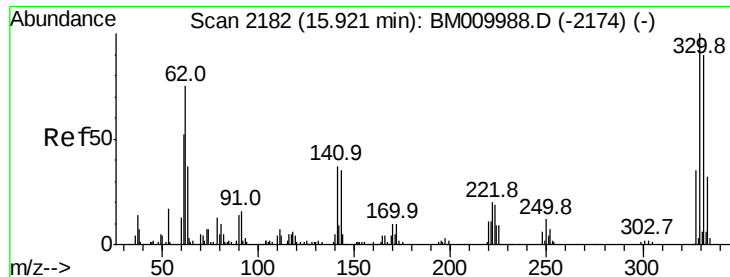
Delta R.T. -0.03 min

Lab File: BM010056.D

Acq: 16 May 2017 16:44

Tgt Ion:164	Resp:	94885
Ion Ratio	Lower	Upper
164	100	
162	104.6	82.4 123.6
160	48.9	35.8 53.6

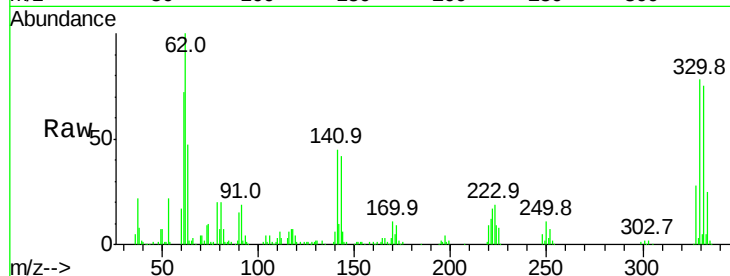




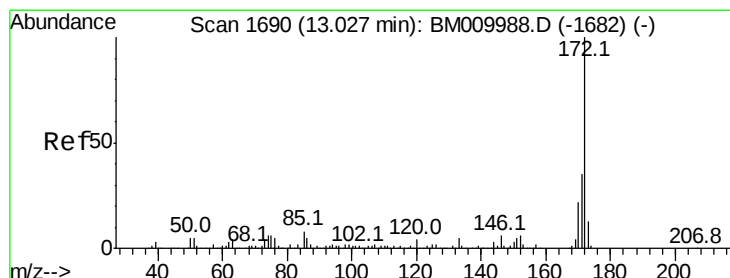
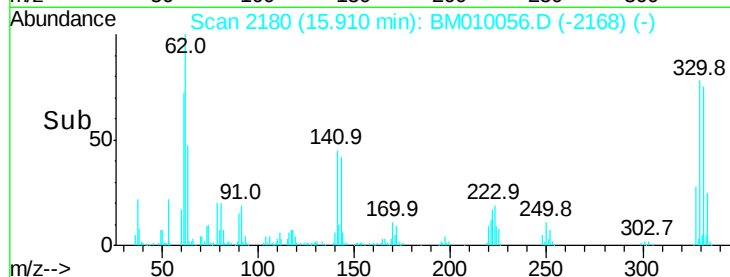
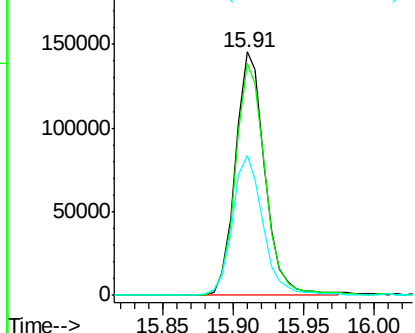
#41
 2,4,6-Tribromophenol
 Concen: 162.66 ng
 RT: 15.91 min Scan# 2180
 Delta R.T. -0.03 min
 Lab File: BM010056.D
 Acq: 16 May 2017 16:44

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	59.6	0.0	0.0#

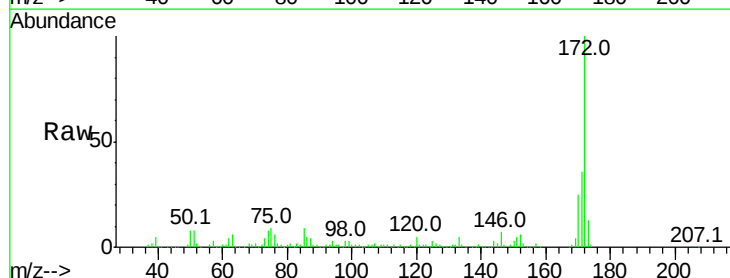


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

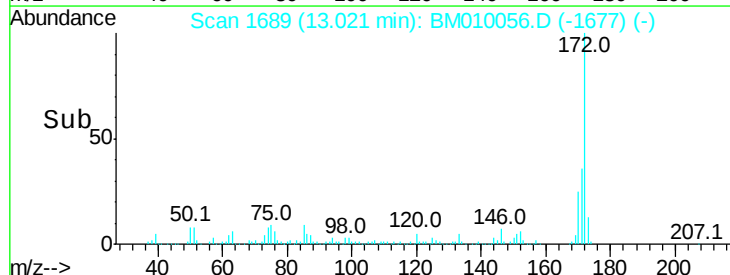
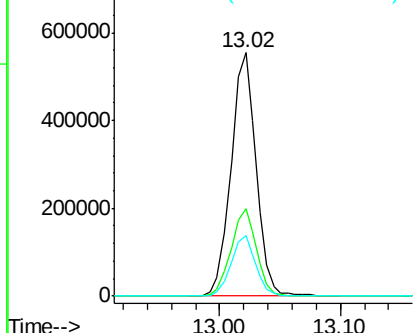


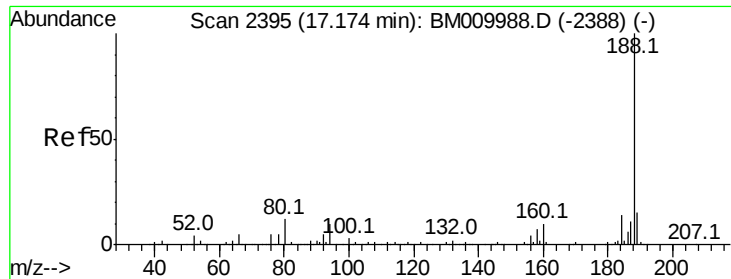
#44
 2-Fluorobiphenyl
 Concen: 112.97 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.03 min
 Lab File: BM010056.D
 Acq: 16 May 2017 16:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.6	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

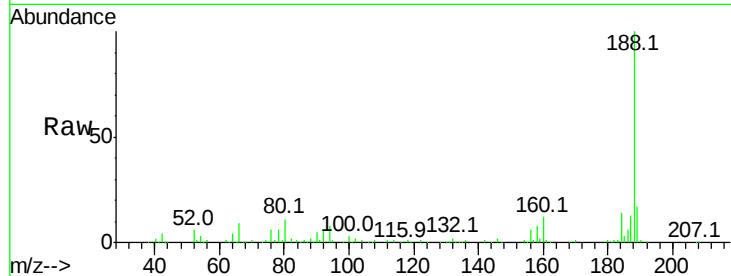




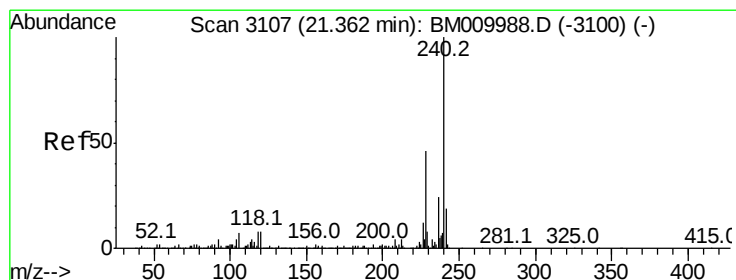
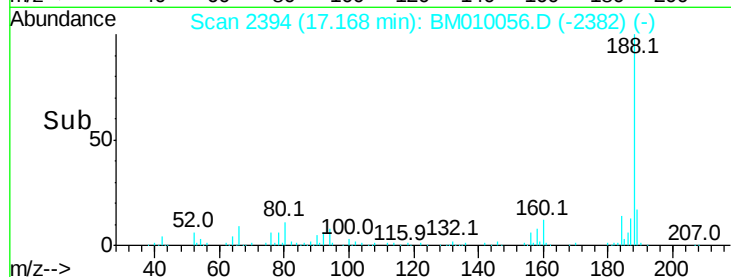
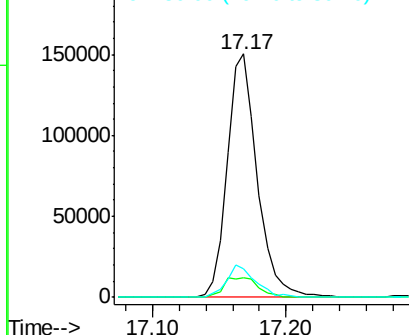
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010056.D
Acq: 16 May 2017 16:44

Instrument :
BNA_M
ClientSampleId :

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

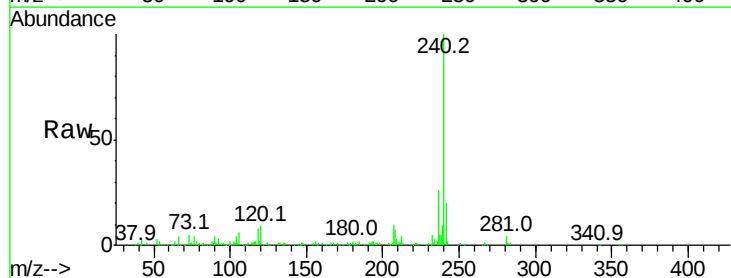


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

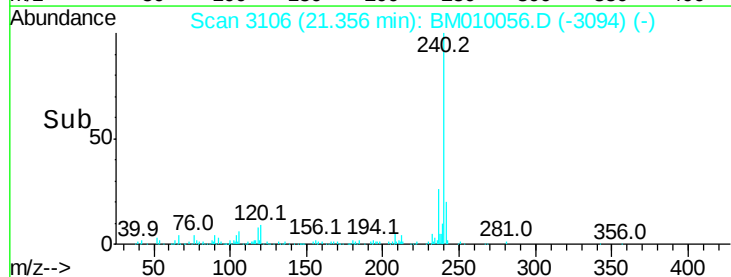
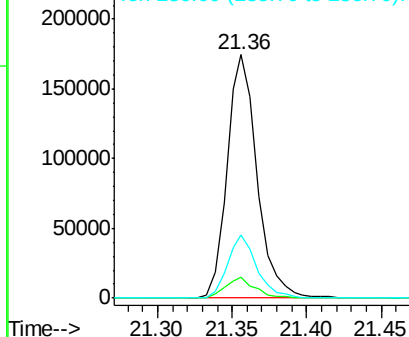


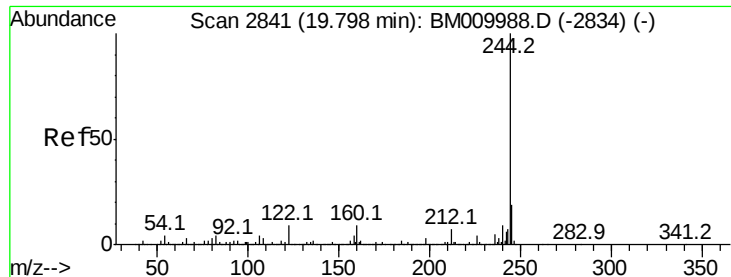
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010056.D
Acq: 16 May 2017 16:44

Tgt 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



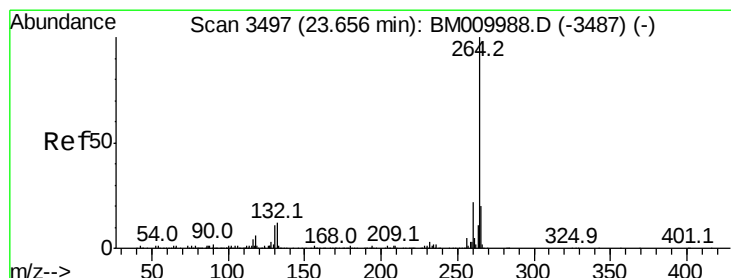
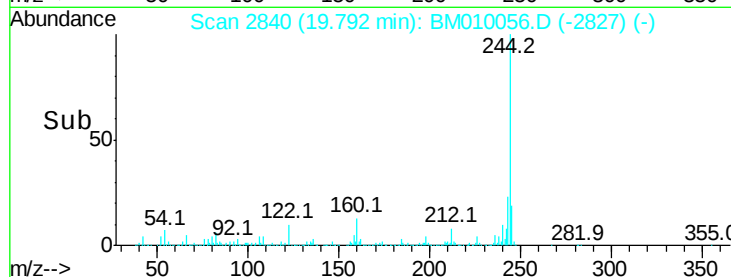
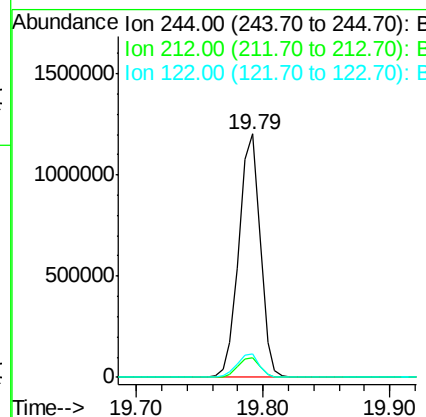
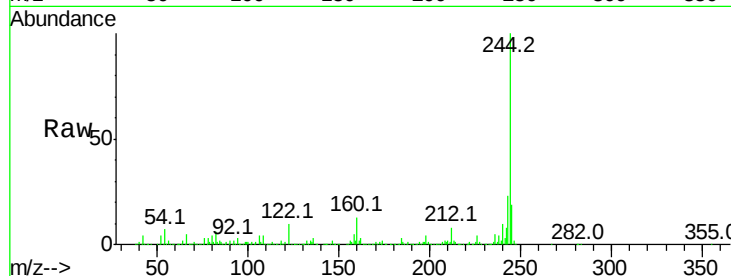


#78
 Terphenyl-d14
 Concen: 119.51 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. -0.02 min
 Lab File: BM010056.D
 Acq: 16 May 2017 16:44

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1390998

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	9.7	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: BM010056.D
 Acq: 16 May 2017 16:44

Tgt Ion:264 Resp: 126681

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

