

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM009998.D
 Acq On : 11 May 2017 23:18
 Operator : SJ/MA
 Sample : PB98864BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98864BL

Quant Time: May 12 06:57:44 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	42802	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	181496	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	119993	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	317749	20.00	ng	-0.02
75) Chrysene-d12	21.36	240	447398	20.00	ng	-0.02
86) Perylene-d12	23.66	264	371781	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	349075	127.63	ng	-0.02
7) Phenol-d6	6.95	99	535245	122.13	ng	-0.02
23) Nitrobenzene-d5	8.93	82	369264	74.35	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	198713	121.00	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	673961	75.11	ng	-0.02
78) Terphenyl-d14	19.80	244	1441400	67.90	ng	-0.02

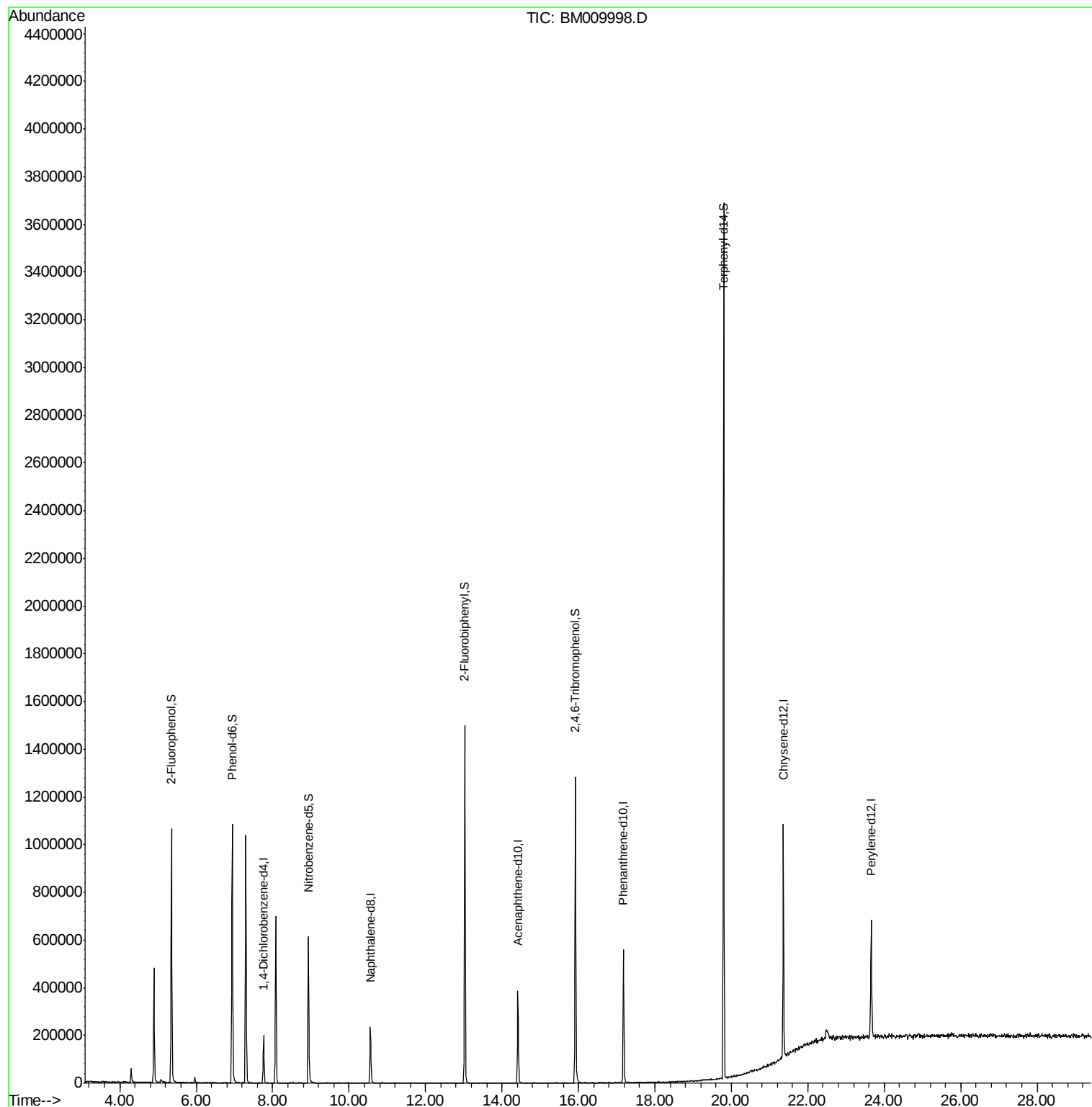
Target Compounds Qvalue

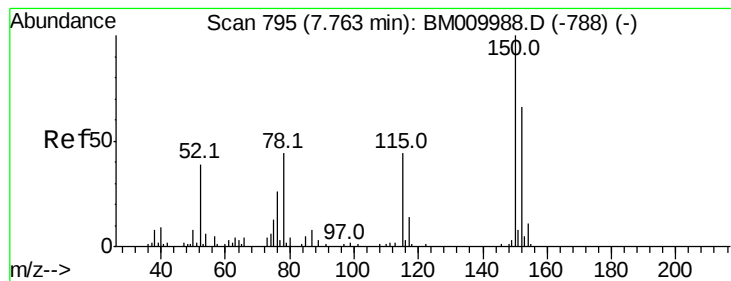
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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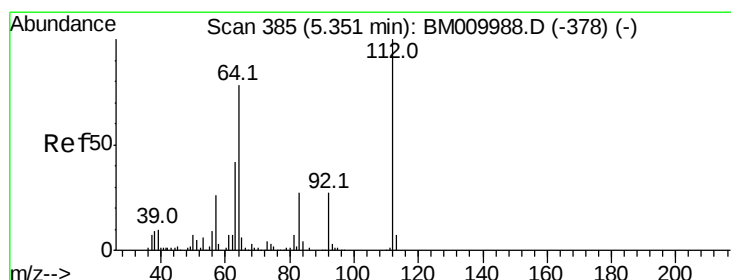
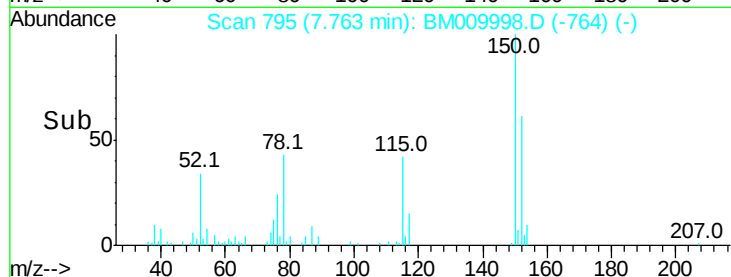
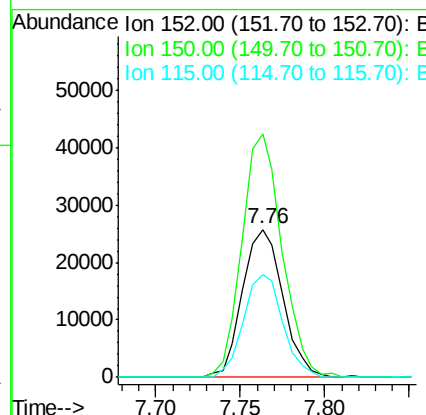
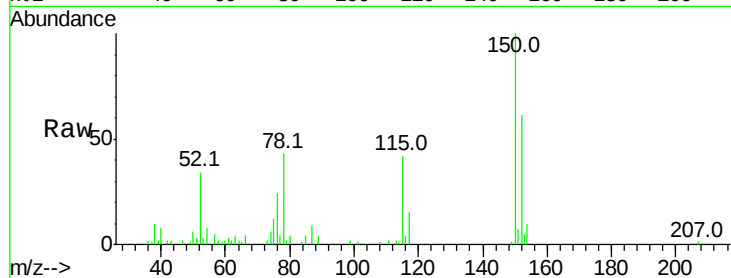


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM009998.D
Acq: 11 May 2017 23:18

Instrument :
BNA_M
ClientSampled :
PB98864BL

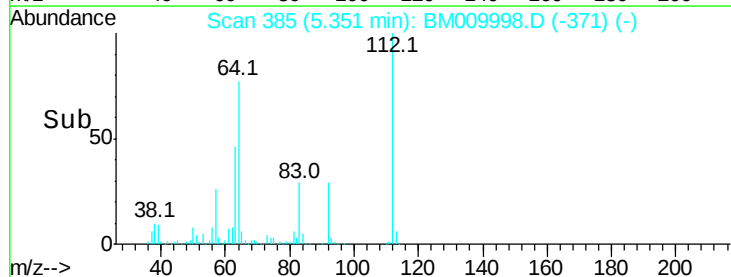
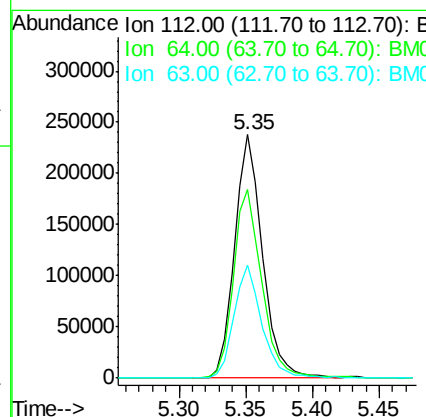
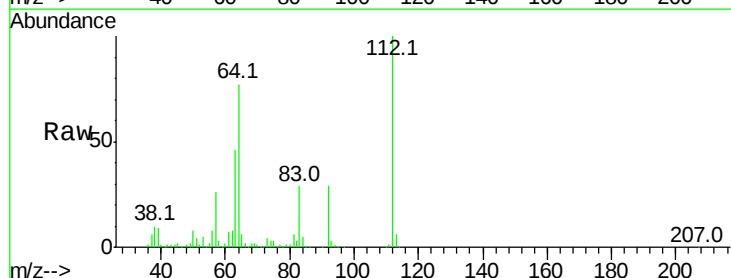
Tot Ion:152 Resp: 42802
Ion Ratio Lower Upper
152 100
150 164.9 119.5 179.3
115 69.4 43.0 64.4#

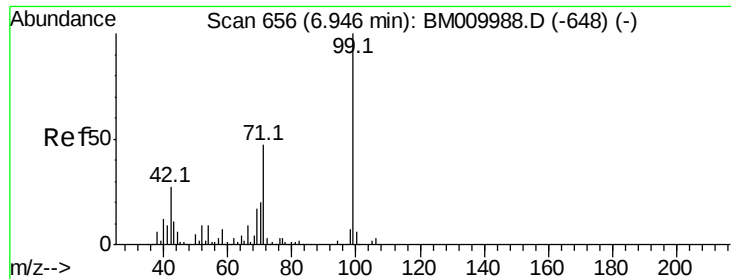


#5

2-Fluorophenol
Concen: 127.63 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM009998.D
Acq: 11 May 2017 23:18

Tgt Ion:112 Resp: 349075
Ion Ratio Lower Upper
112 100
64 77.4 38.6 57.8#
63 46.4 19.3 28.9#





#7

Phenol-d6

Concen: 122.13 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM009998.D

Acq: 11 May 2017 23:18

Instrument :

BNA_M

ClientSampleId :

PB98864BL

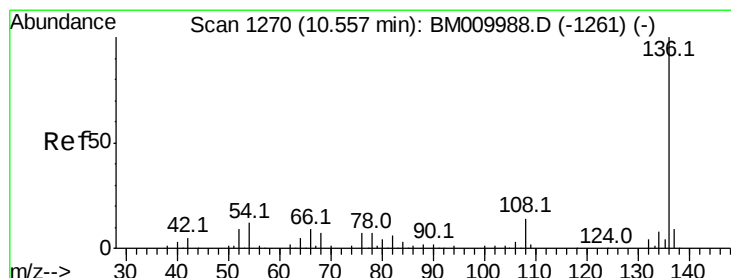
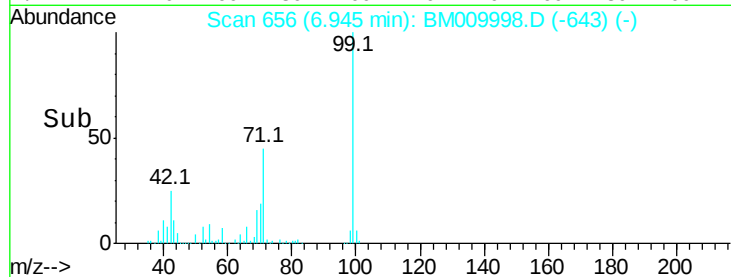
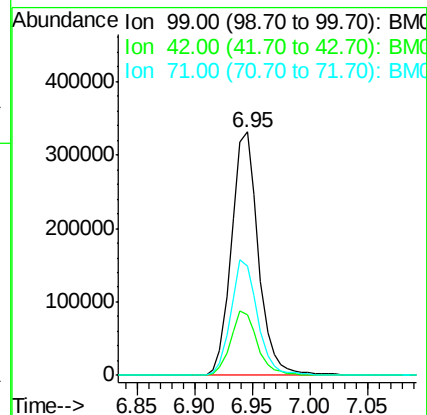
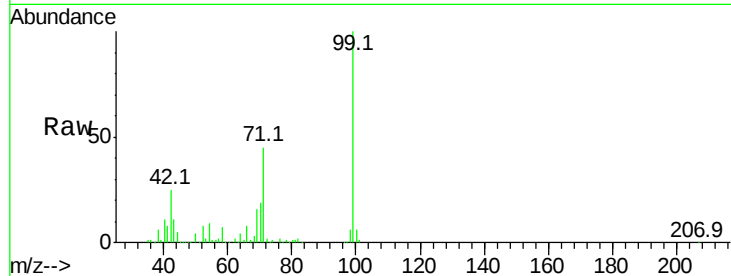
Tot Ion: 99 Resp: 535245

Ion Ratio Lower Upper

99 100

42 25.0 11.0 16.4#

71 44.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BM009998.D

Acq: 11 May 2017 23:18

Tgt Ion: 136 Resp: 181496

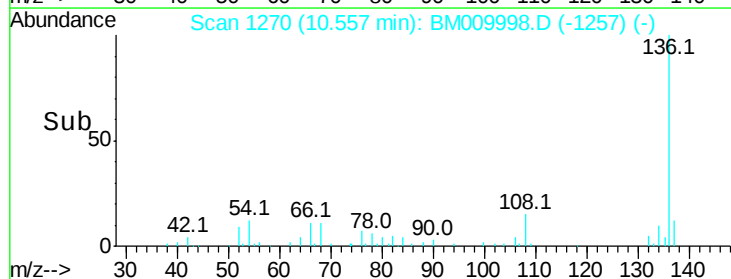
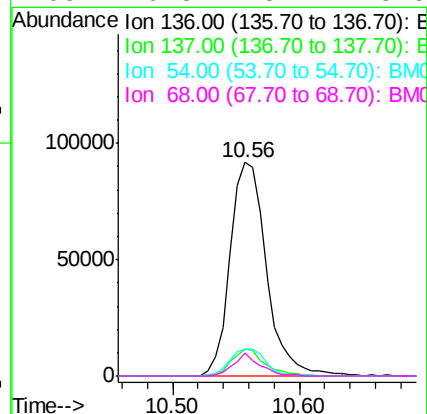
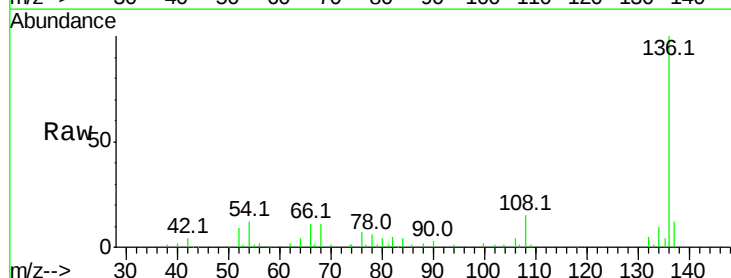
Ion Ratio Lower Upper

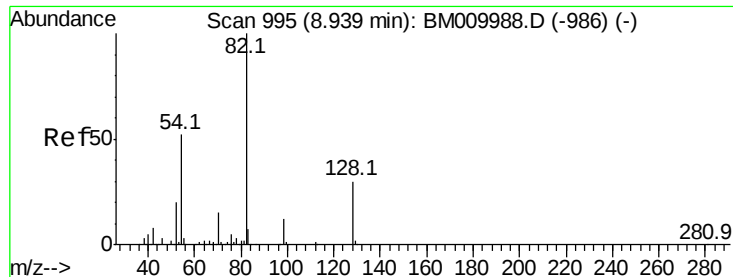
136 100

137 12.4 8.7 13.1

54 12.4 4.6 6.8#

68 10.8 3.7 5.5#

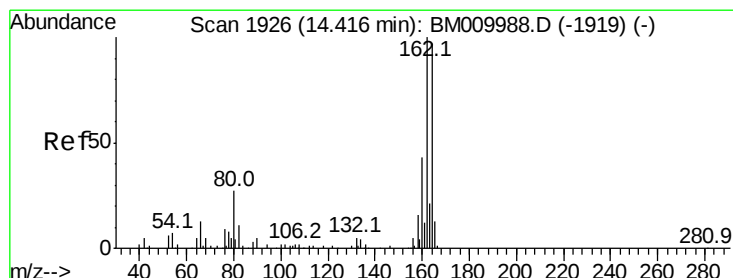
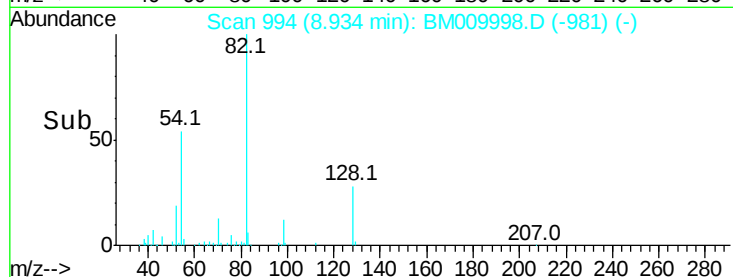
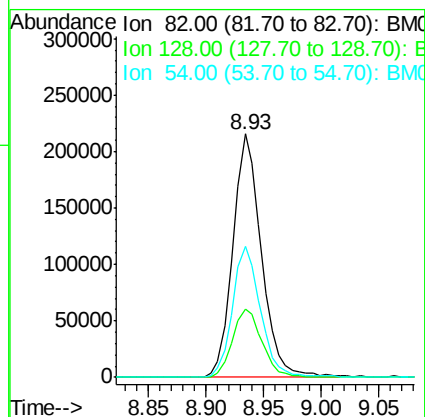
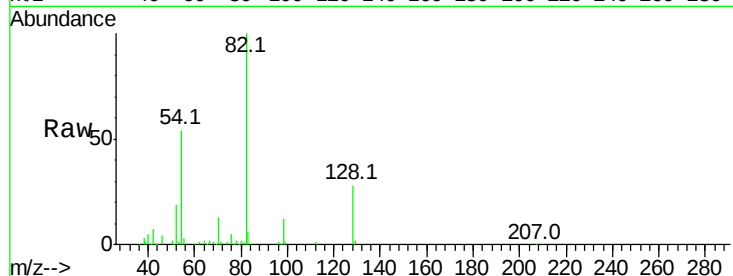




#23
 Nitrobenzene-d5
 Concen: 74.35 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BM009998.D
 Acq: 11 May 2017 23:18

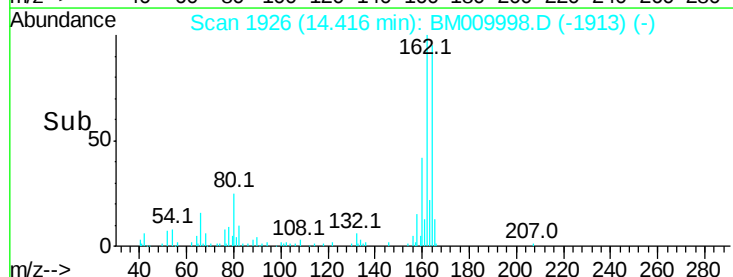
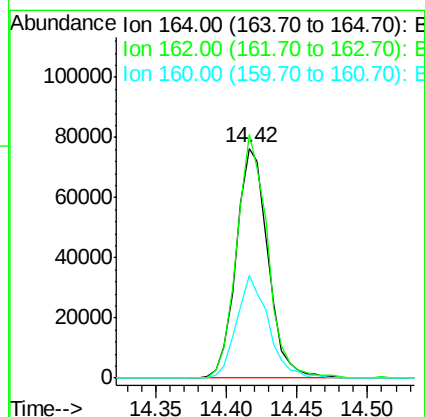
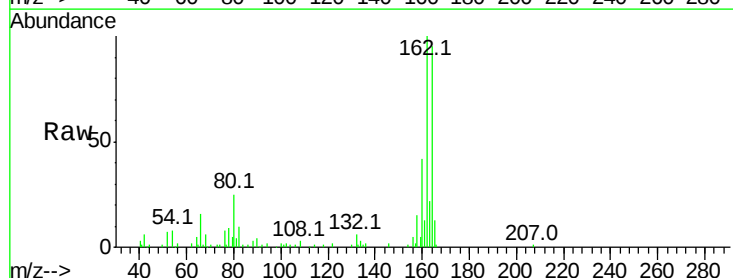
Instrument :
 BNA_M
 ClientSampleId :
 PB98864BL

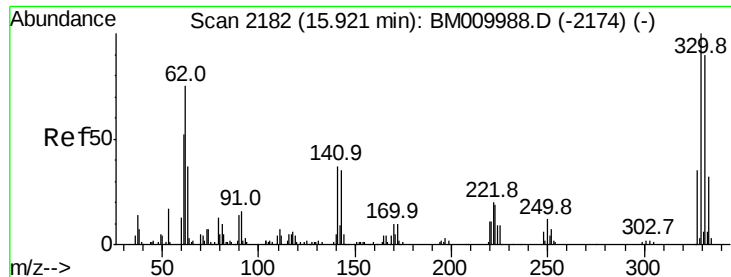
Tot Ion	Ratio	Lower	Upper
82	100		
128	28.3	32.8	49.2#
54	53.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BM009998.D
 Acq: 11 May 2017 23:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.4	123.6
160	44.4	35.8	53.6

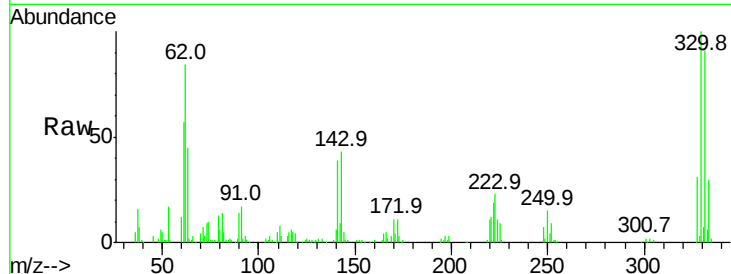




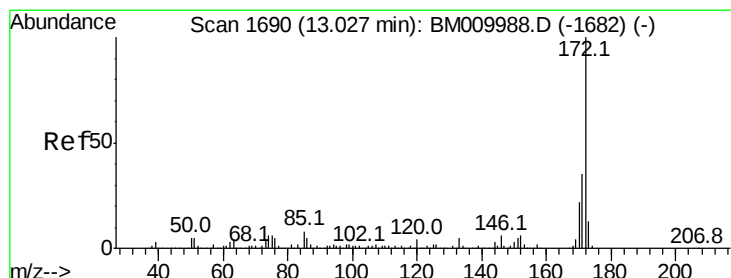
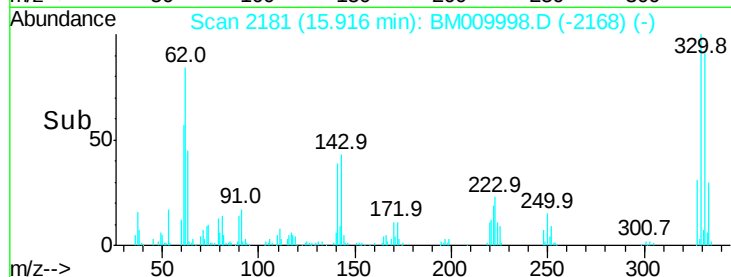
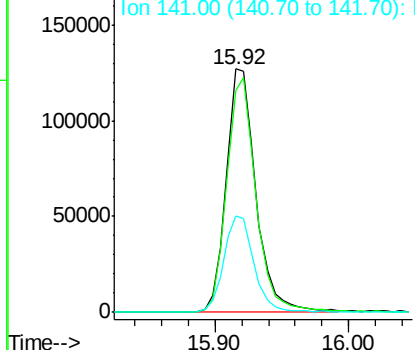
#41
 2,4,6-Tribromophenol
 Concen: 121.00 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM009998.D
 Acq: 11 May 2017 23:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98864BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	40.2	0.0	0.0#

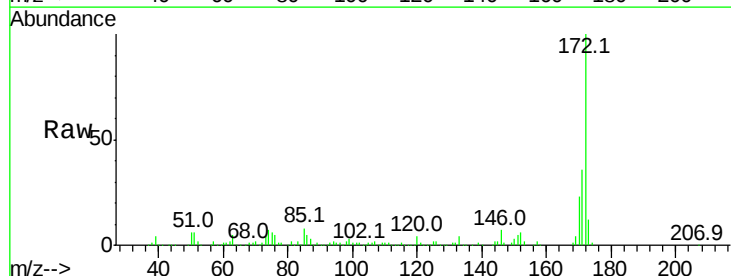


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

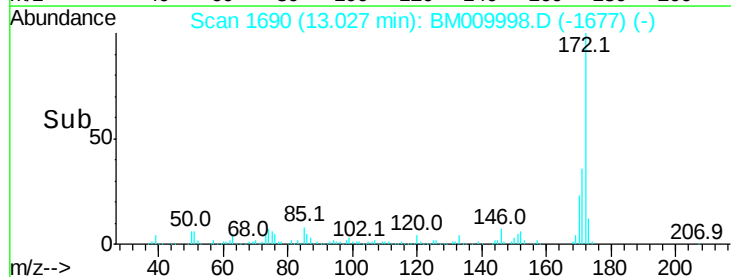
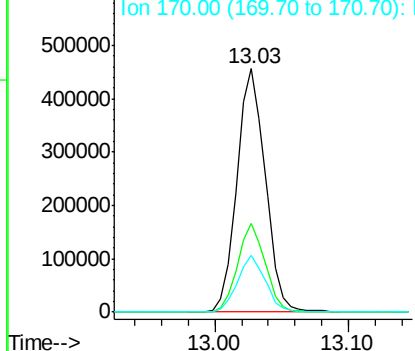


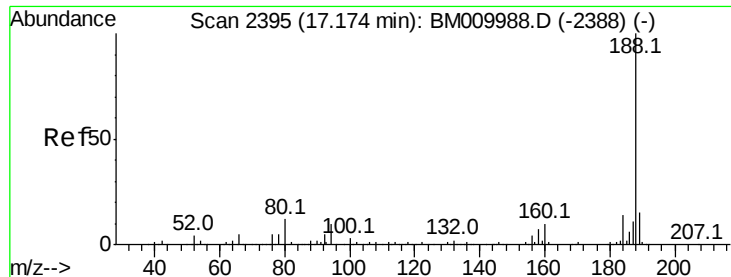
#44
 2-Fluorobiphenyl
 Concen: 75.11 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM009998.D
 Acq: 11 May 2017 23:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	23.4	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

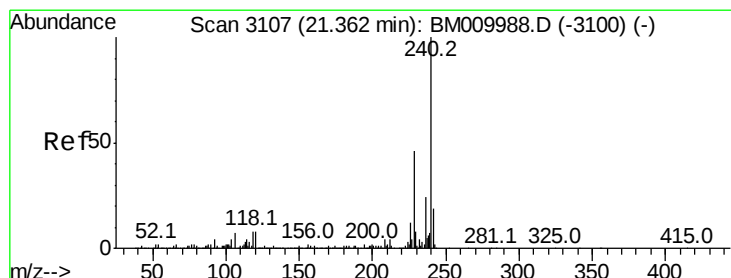
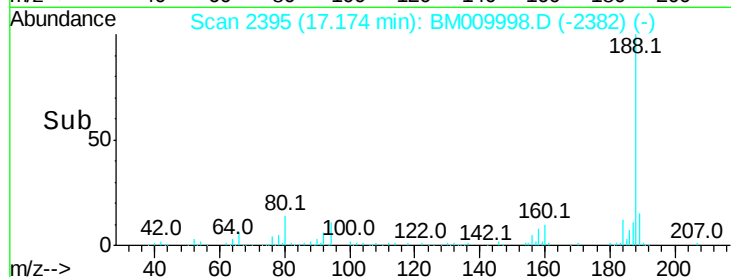
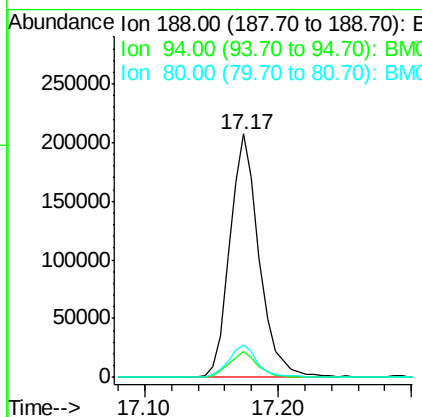
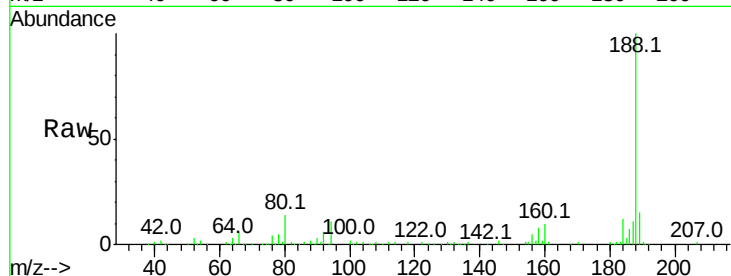




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2395
Delta R.T. -0.02 min
Lab File: BM009998.D
Acq: 11 May 2017 23:18

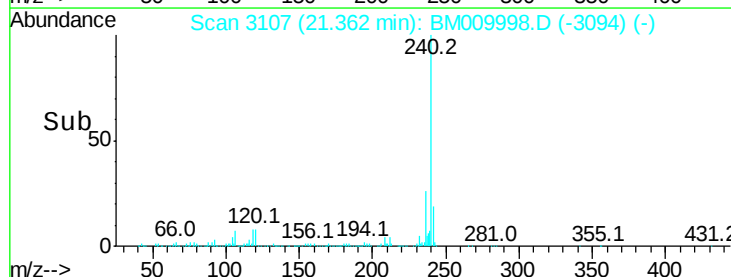
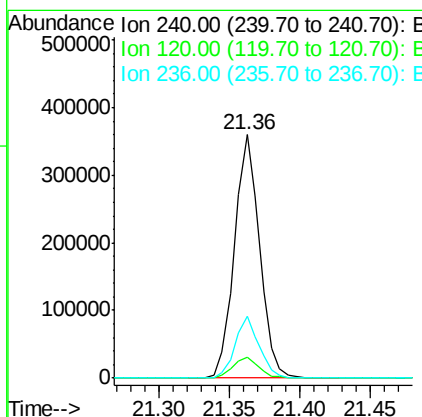
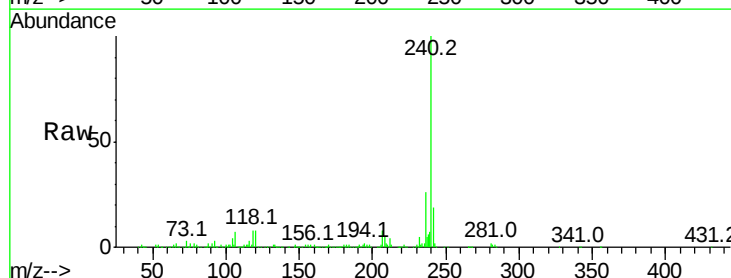
Instrument :
BNA_M
ClientSampled :
PB98864BL

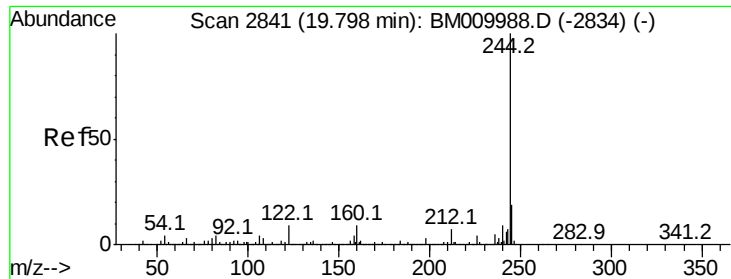
Tot Ion:188 Resp: 317749
Ion Ratio Lower Upper
188 100
94 10.8 8.7 13.1
80 13.6 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM009998.D
Acq: 11 May 2017 23:18

Tgt Ion:240 Resp: 447398
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 25.6 20.0 30.0



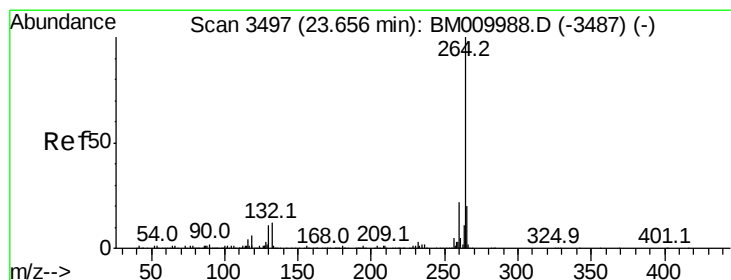
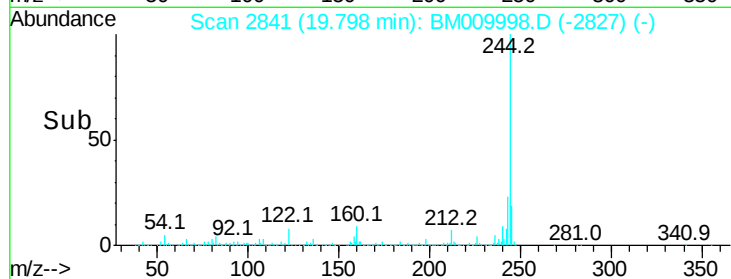
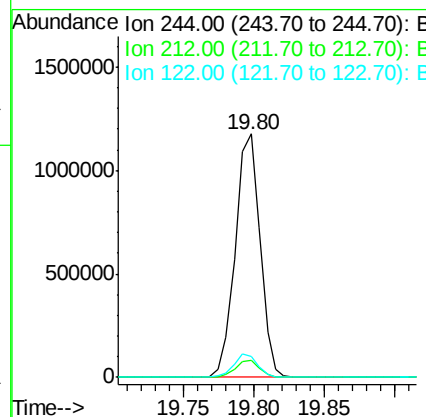
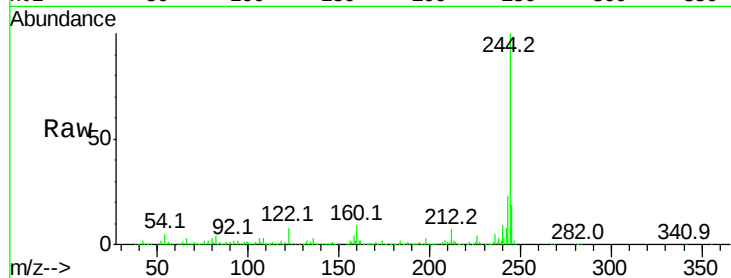


#78
 Terphenyl-d14
 Concen: 67.90 ng
 RT: 19.80 min Scan# 2841
 Delta R.T. -0.02 min
 Lab File: BM009988.D
 Acq: 11 May 2017 23:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98864BL

Tot Ion:244 Resp: 1441400

Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	8.5	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.66 min Scan# 3497
 Delta R.T. -0.04 min
 Lab File: BM009988.D
 Acq: 11 May 2017 23:18

Tgt Ion:264 Resp: 371781

Ion	Ratio	Lower	Upper
264	100		
260	19.9	18.6	27.8
265	22.3	17.3	25.9

