

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
 Data File : BM010057.D
 Acq On : 16 May 2017 17:27
 Operator : SJ/MA
 Sample : PB99002BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99002BL

Quant Time: May 17 04:23:43 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	39636	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	158852	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	94670	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	226858	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	264348	20.00	ng	-0.03
86) Perylene-d12	23.65	264	188258	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	246134	97.18	ng	-0.02
7) Phenol-d6	6.93	99	365852	90.15	ng	-0.04
23) Nitrobenzene-d5	8.93	82	426310	98.08	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	104131	80.37	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	670173	94.67	ng	-0.03
78) Terphenyl-d14	19.79	244	1236646	98.59	ng	-0.02

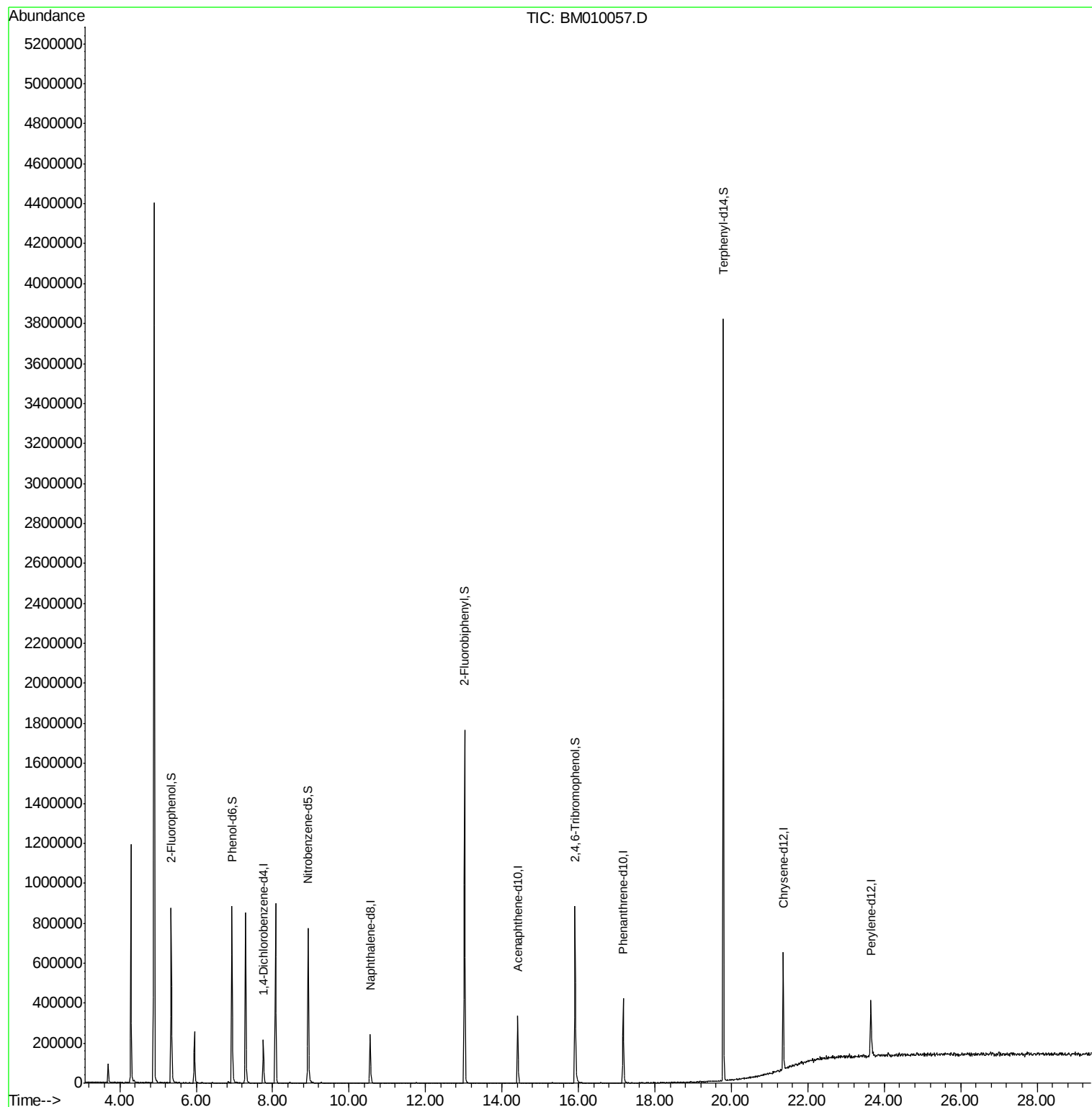
Target Compounds Qvalue

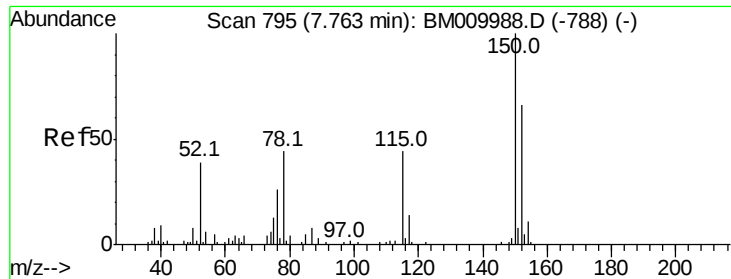
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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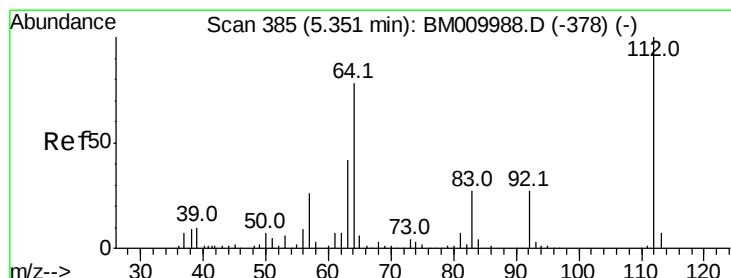
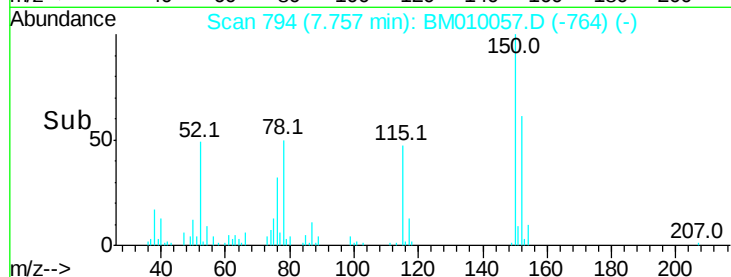
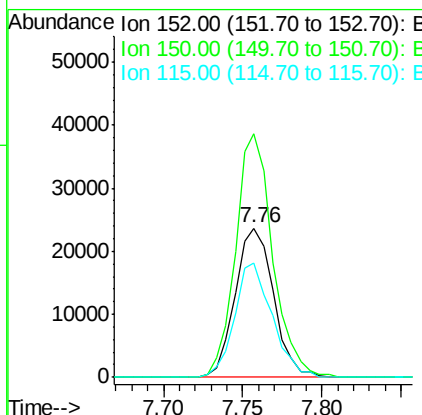
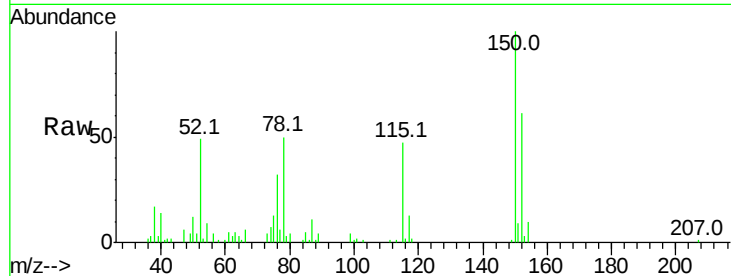


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010057.D
Acq: 16 May 2017 17:27

Instrument :
BNA_M
ClientSampleId :
PB99002BL

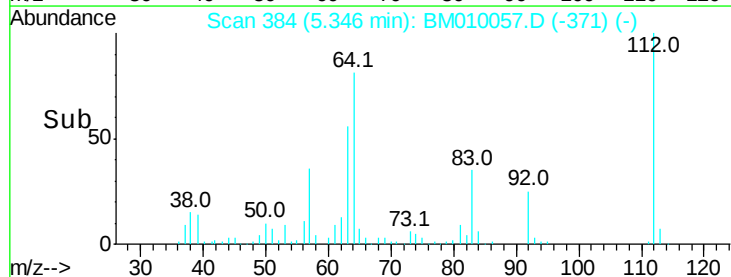
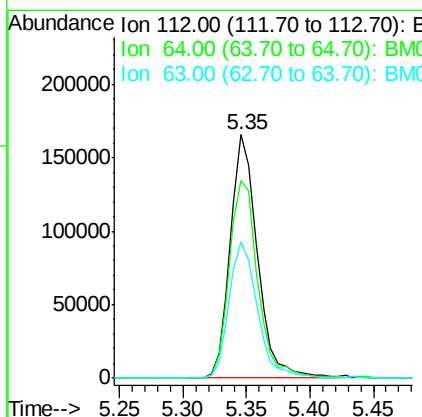
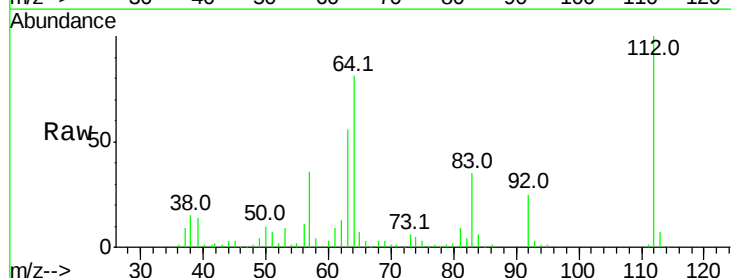
Tot Ion:152 Resp: 39636
Ion Ratio Lower Upper
152 100
150 163.4 119.5 179.3
115 77.0 43.0 64.4#

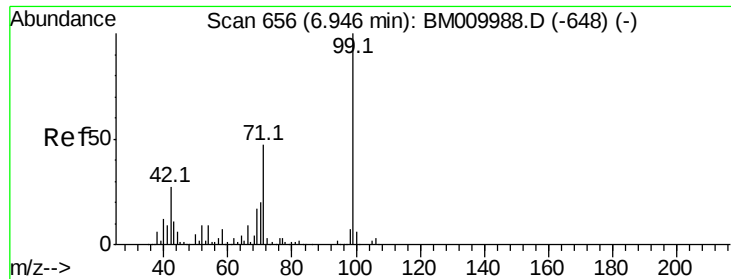


#5

2-Fluorophenol
Concen: 97.18 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM010057.D
Acq: 16 May 2017 17:27

Tgt Ion:112 Resp: 246134
Ion Ratio Lower Upper
112 100
64 81.1 38.6 57.8#
63 56.2 19.3 28.9#





#7

Phenol-d6

Concen: 90.15 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.04 min

Lab File: BM010057.D

Acq: 16 May 2017 17:27

Instrument :

BNA_M

ClientSampleId :

PB99002BL

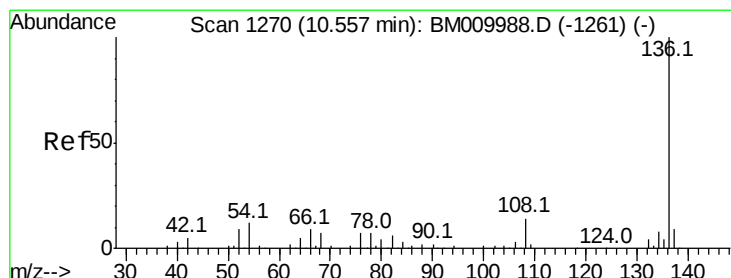
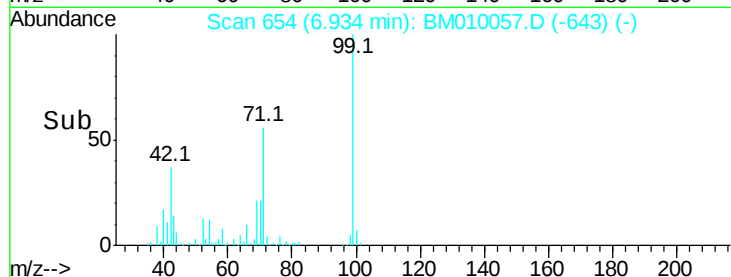
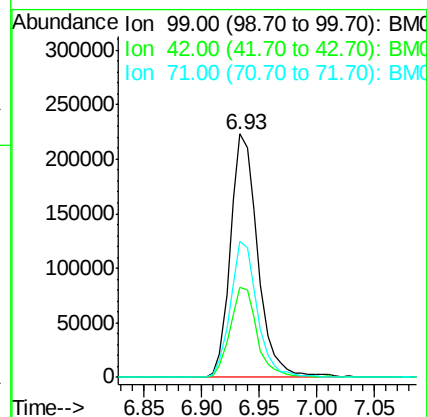
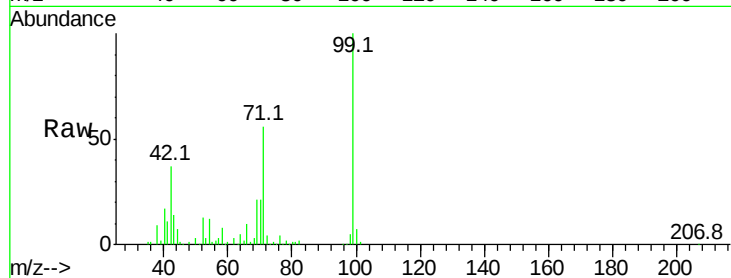
Tot Ion: 99 Resp: 365852

Ion Ratio Lower Upper

99 100

42 36.7 11.0 16.4#

71 55.9 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: BM010057.D

Acq: 16 May 2017 17:27

Tgt Ion: 136 Resp: 158852

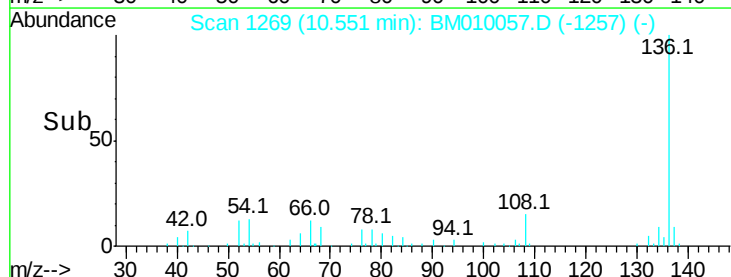
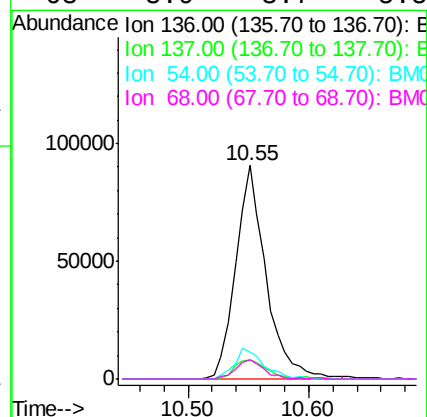
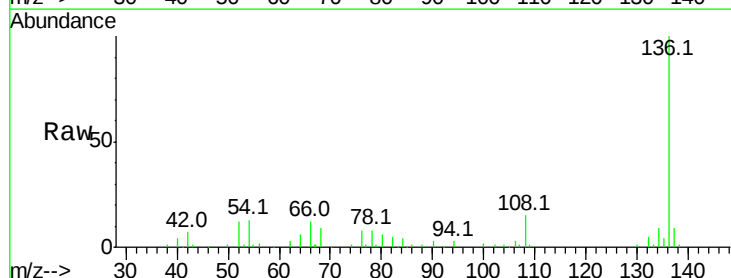
Ion Ratio Lower Upper

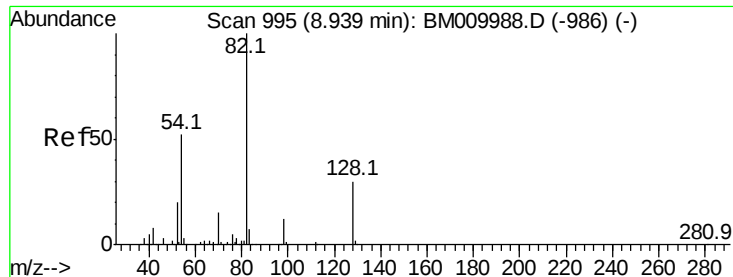
136 100

137 8.9 8.7 13.1

54 12.9 4.6 6.8#

68 8.9 3.7 5.5#

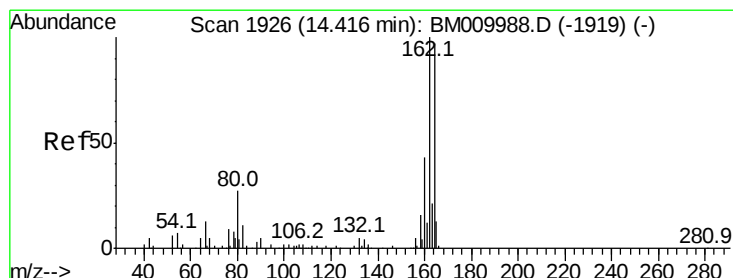
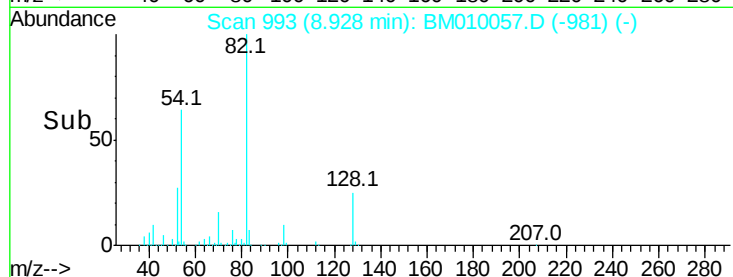
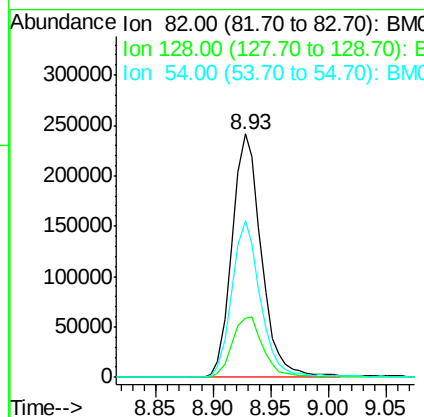
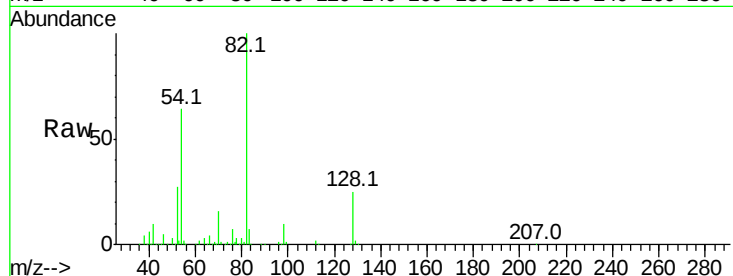




#23
 Nitrobenzene-d5
 Concen: 98.08 ng
 RT: 8.93 min Scan# 993
 Delta R.T. -0.03 min
 Lab File: BM010057.D
 Acq: 16 May 2017 17:27

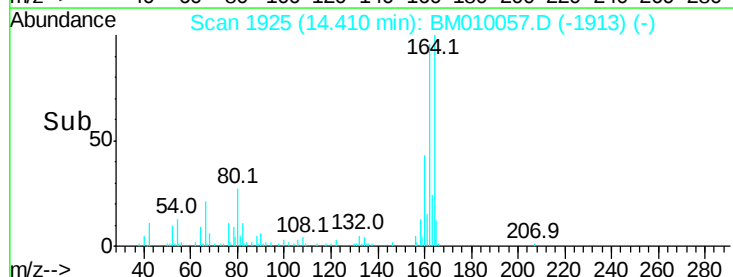
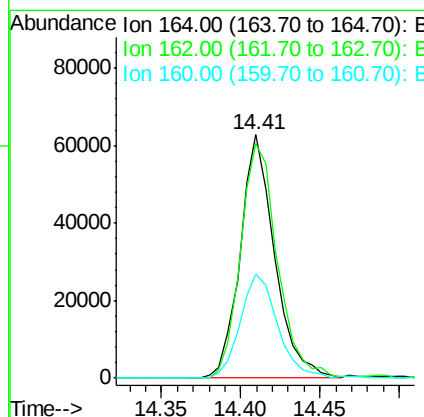
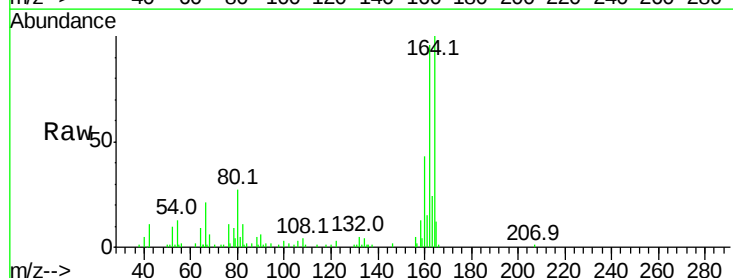
Instrument :
 BNA_M
 ClientSampleId :
 PB99002BL

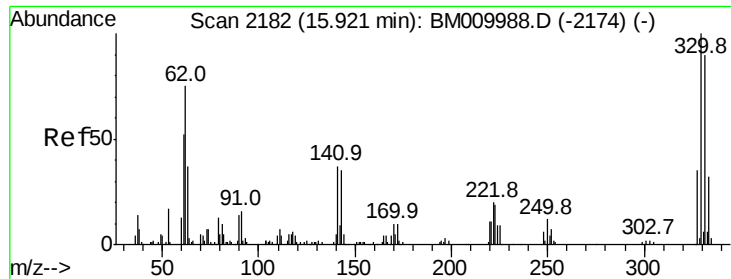
Tot Ion	82	Resp	426310
Ion	Ratio	Lower	Upper
82	100		
128	24.6	32.8	49.2#
54	64.5	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.41 min Scan# 1925
 Delta R.T. -0.03 min
 Lab File: BM010057.D
 Acq: 16 May 2017 17:27

Tgt Ion	164	Resp	94670
Ion	Ratio	Lower	Upper
164	100		
162	96.4	82.4	123.6
160	42.6	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 80.37 ng

RT: 15.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BM010057.D

Acq: 16 May 2017 17:27

Instrument :

BNA_M

ClientSampleId :

PB99002BL

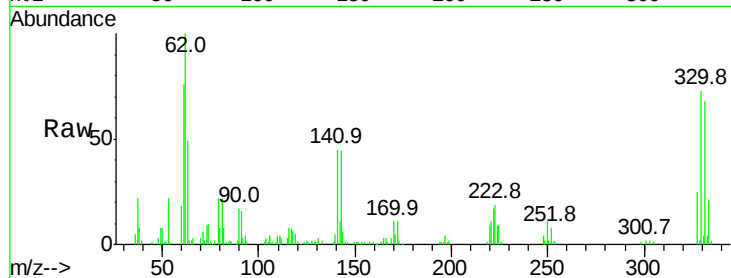
Tot Ion:330 Resp: 104131

Ion Ratio Lower Upper

330 100

332 95.2 0.0 0.0#

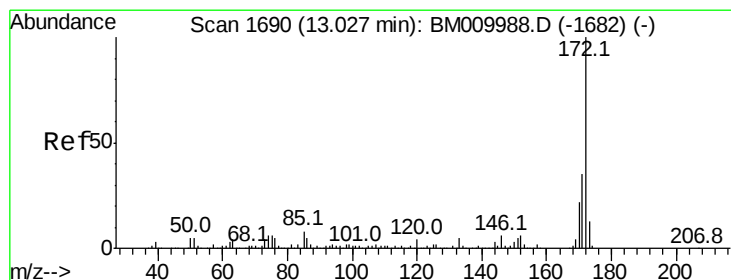
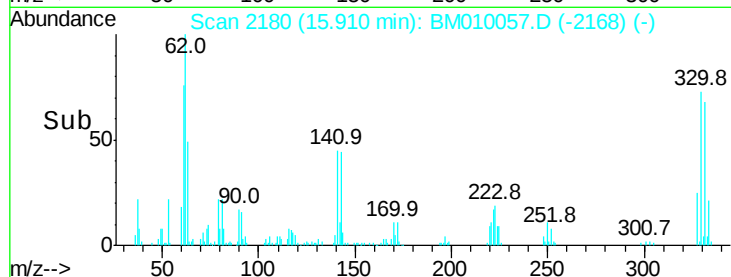
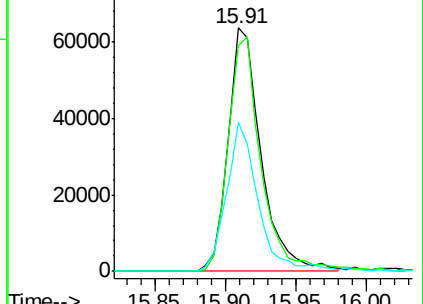
141 58.1 0.0 0.0#



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: 94.67 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.03 min

Lab File: BM010057.D

Acq: 16 May 2017 17:27

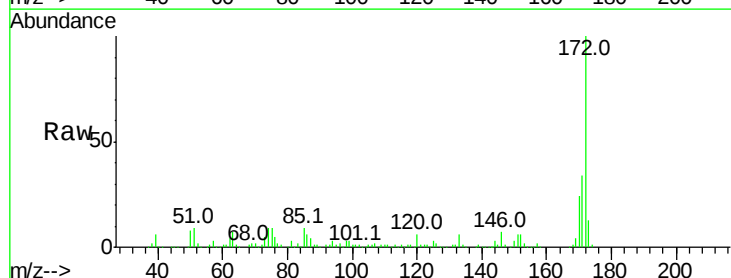
Tgt Ion:172 Resp: 670173

Ion Ratio Lower Upper

172 100

171 33.9 28.5 42.7

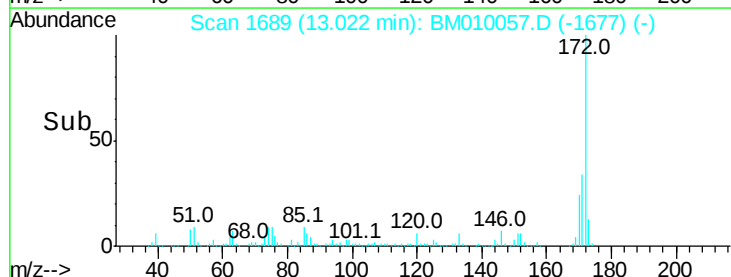
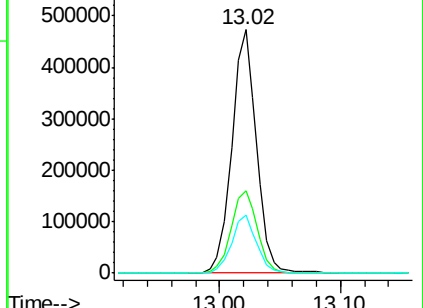
170 23.8 18.8 28.2

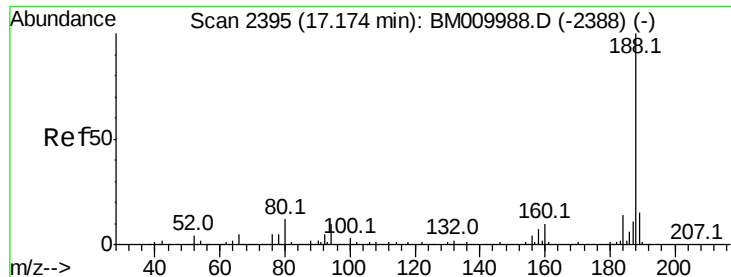


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

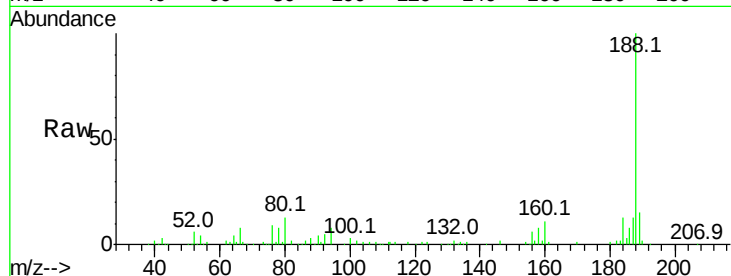




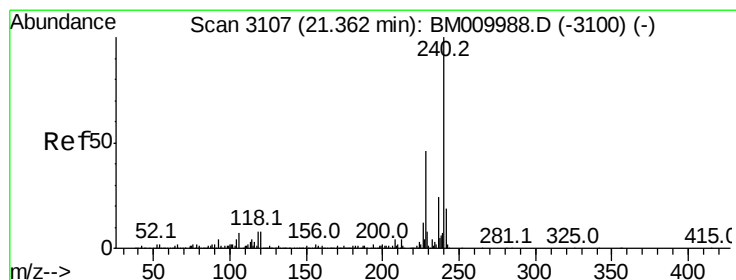
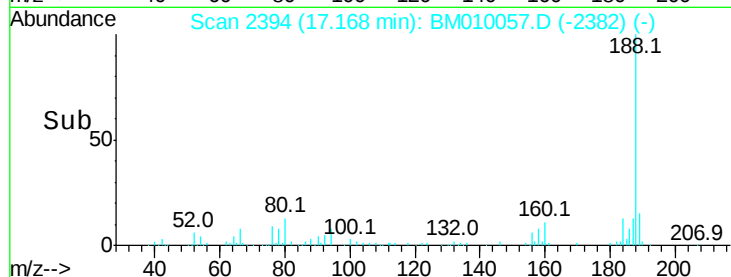
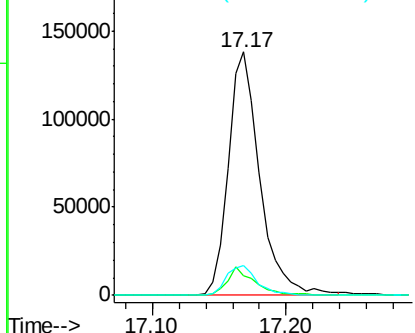
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010057.D
Acq: 16 May 2017 17:27

Instrument :
BNA_M
ClientSampleId :
PB99002BL

Tot Ion:188 Resp: 226858
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 12.5 9.3 13.9

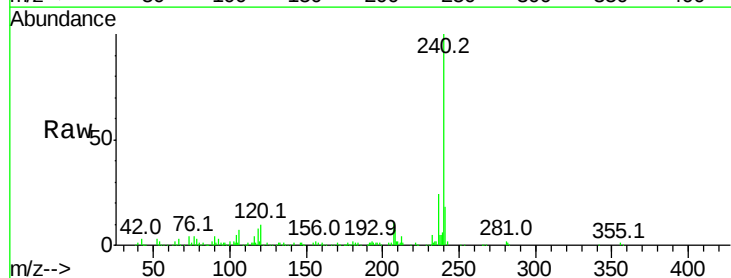


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

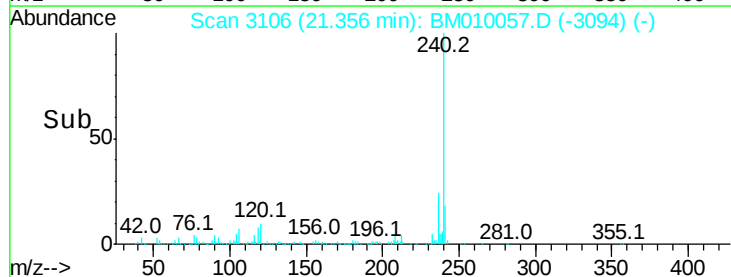
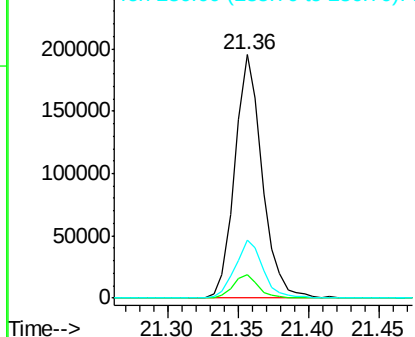


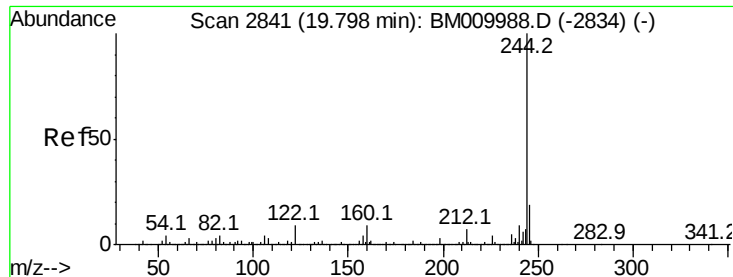
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010057.D
Acq: 16 May 2017 17:27

Tgt Ion:240 Resp: 264348
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 23.9 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



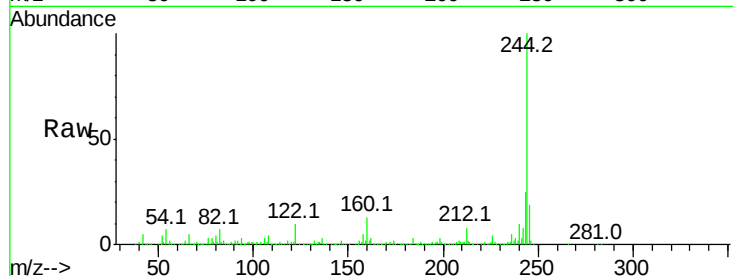


#78
 Terphenyl-d14
 Concen: 98.59 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. -0.02 min
 Lab File: BM010057.D
 Acq: 16 May 2017 17:27

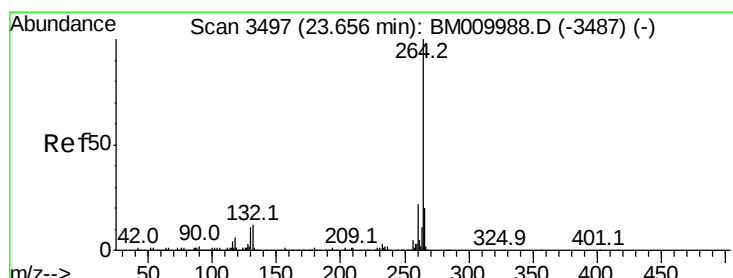
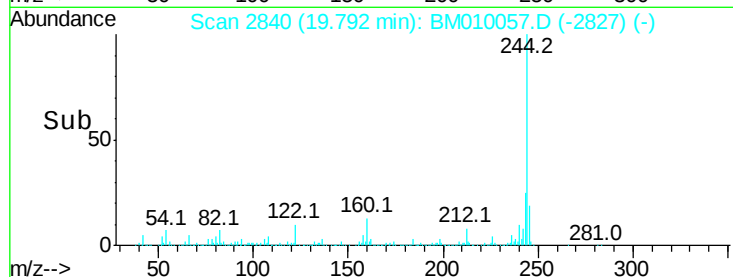
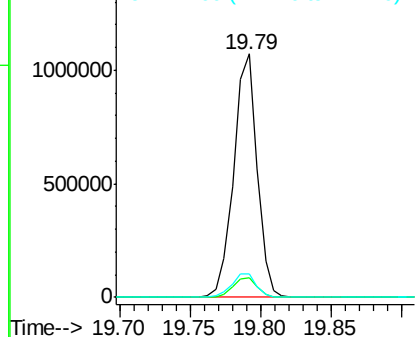
Instrument :
 BNA_M
 ClientSampleID :
 PB99002BL

Tot Ion:244 Resp: 1236646

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	9.7	6.2	9.4#



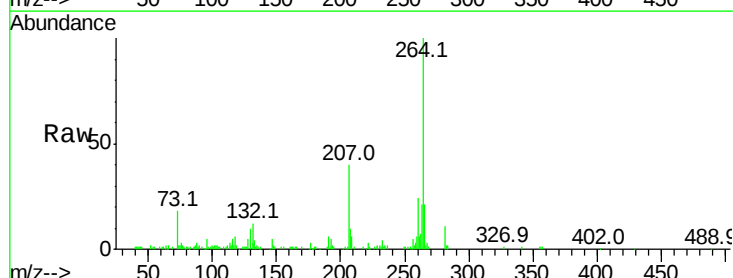
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010057.D
 Acq: 16 May 2017 17:27

Tgt Ion:264 Resp: 188258

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	20.9	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

