

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051017\
 Data File : BM009970.D
 Acq On : 10 May 2017 14:45
 Operator : SJ/MA
 Sample : I3059-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 10 16:58:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	77238	20.00	ng	-0.01
21) Naphthalene-d8	10.57	136	314463	20.00	ng	-0.01
38) Acenaphthene-d10	14.42	164	180268	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	448262	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	496147	20.00	ng	-0.02
86) Perylene-d12	23.66	264	274157	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	660782	136.20	ng	0.00
7) Phenol-d6	6.96	99	908995	122.23	ng	-0.01
23) Nitrobenzene-d5	8.95	82	774861	89.17	ng	-0.01
41) 2,4,6-Tribromophenol	15.93	330	338309	137.41	ng	-0.01
44) 2-Fluorobiphenyl	13.03	172	1271353	91.89	ng	-0.02
78) Terphenyl-d14	19.80	244	2258490	93.38	ng	-0.01

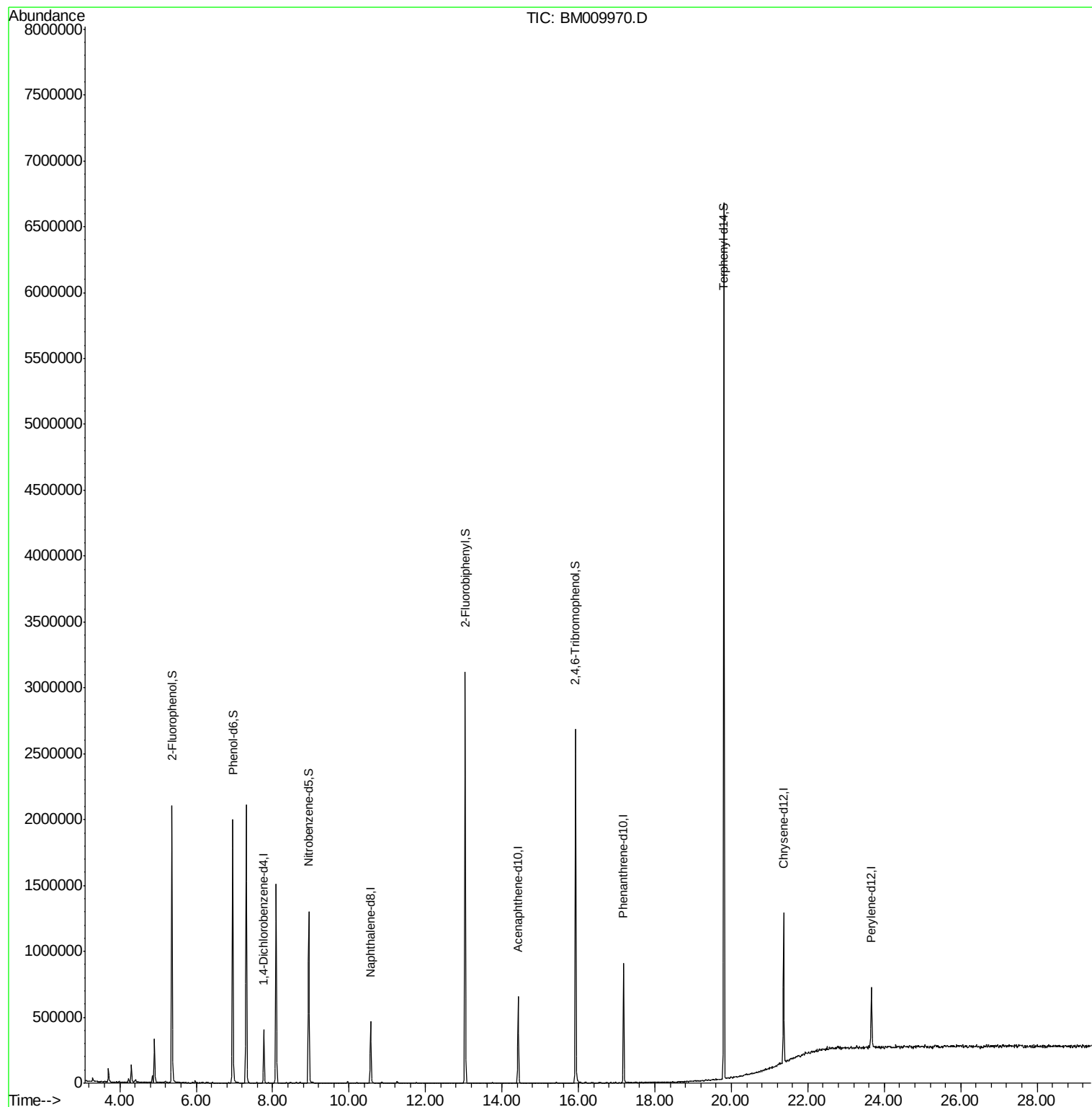
Target Compounds Qvalue

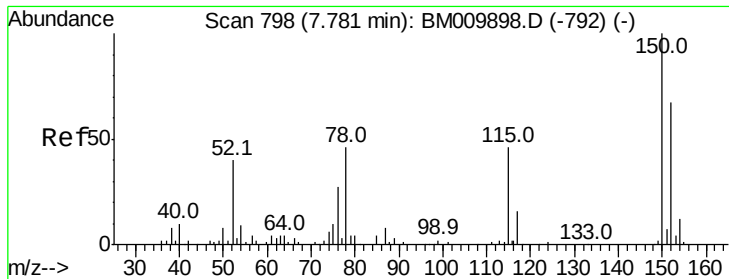
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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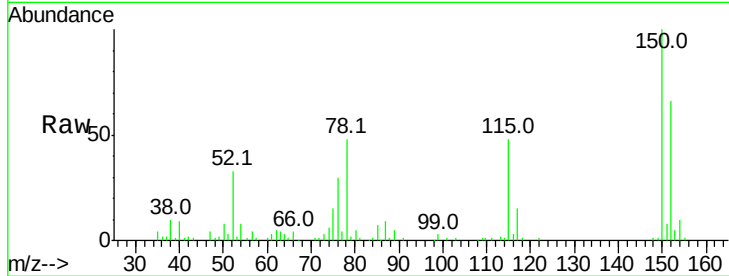


#1

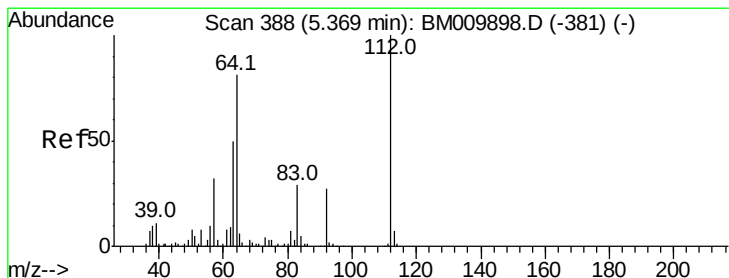
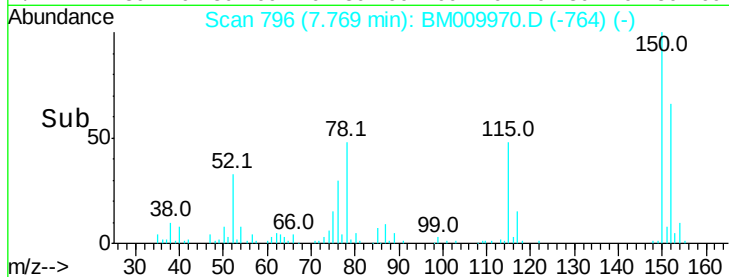
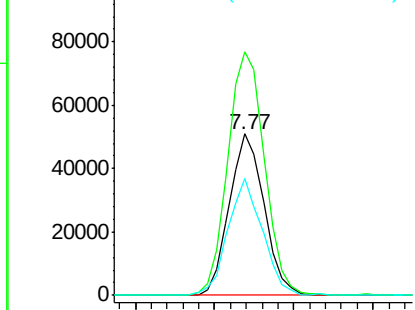
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM009970.D
Acq: 10 May 2017 14:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 77238
Ion Ratio Lower Upper
152 100
150 151.1 119.5 179.3
115 72.8 43.0 64.4#



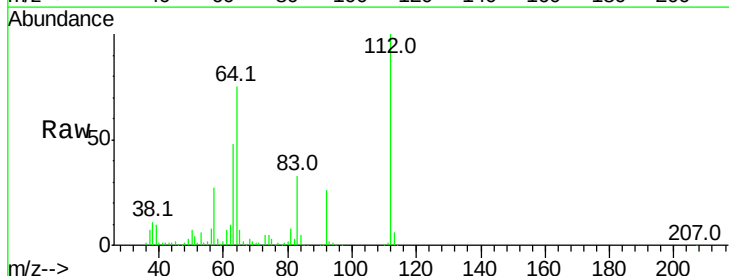
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



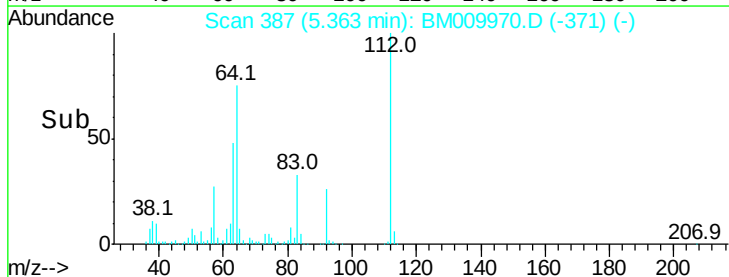
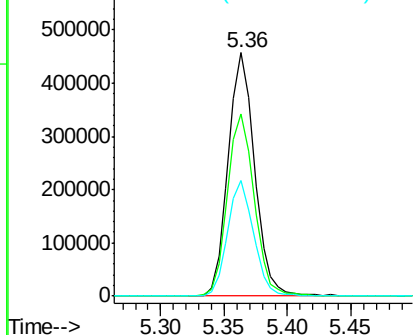
#5

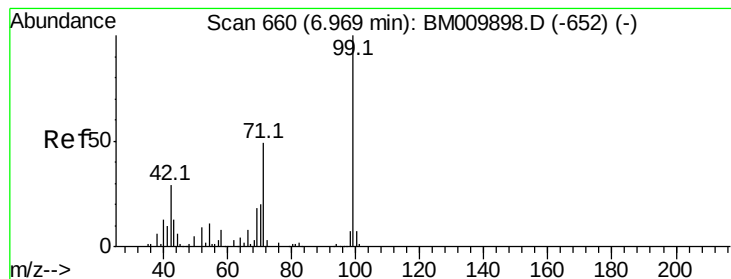
2-Fluorophenol
Concen: 136.20 ng
RT: 5.36 min Scan# 387
Delta R.T. -0.01 min
Lab File: BM009970.D
Acq: 10 May 2017 14:45

Tgt Ion:112 Resp: 660782
Ion Ratio Lower Upper
112 100
64 75.0 38.6 57.8#
63 47.6 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: 122.23 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

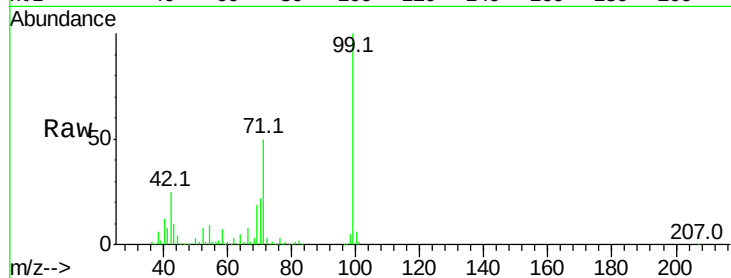
Lab File: BM009970.D

Acq: 10 May 2017 14:45

Instrument :

BNA_M

ClientSampleId :



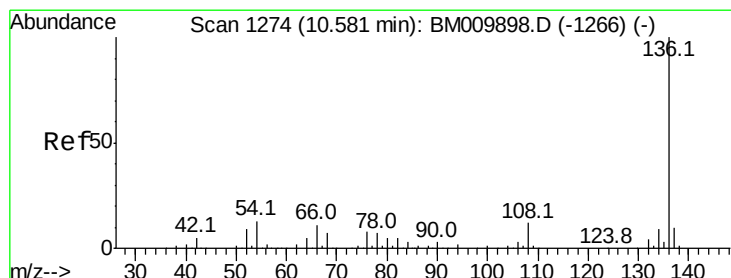
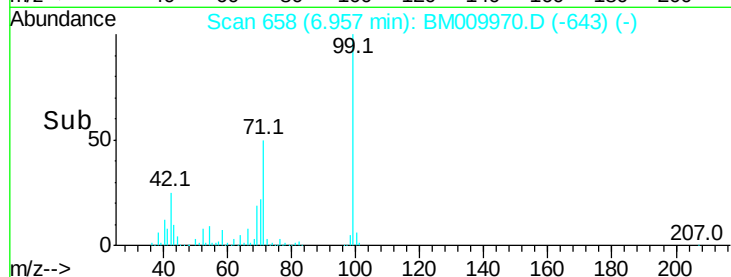
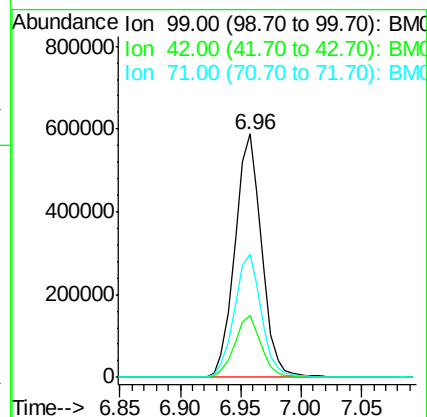
Tot Ion: 99 Resp: 908995

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

71 50.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM009970.D

Acq: 10 May 2017 14:45

Tgt Ion: 136 Resp: 314463

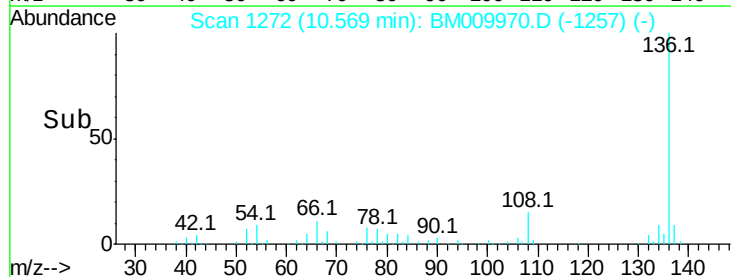
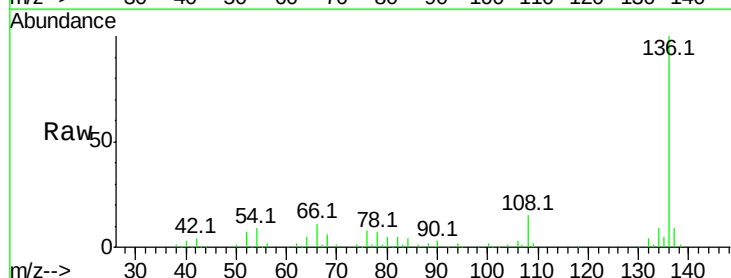
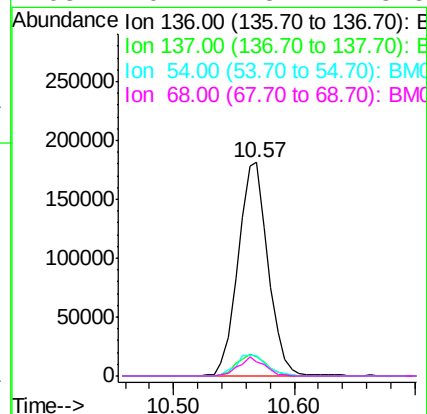
Ion Ratio Lower Upper

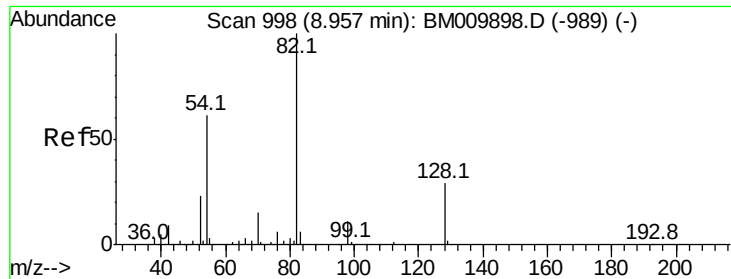
136 100

137 9.3 8.7 13.1

54 9.4 4.6 6.8#

68 6.4 3.7 5.5#

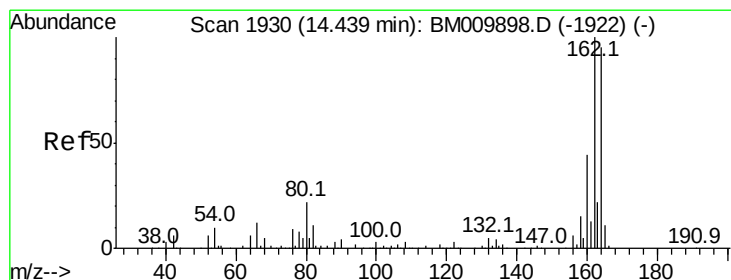
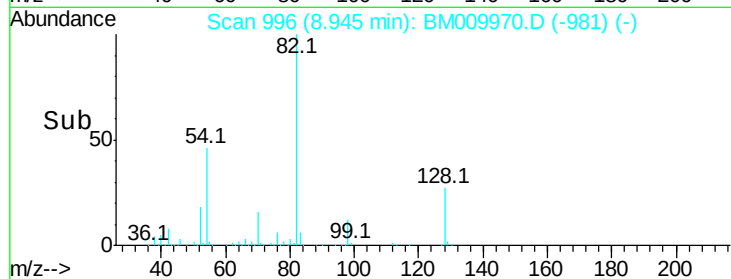
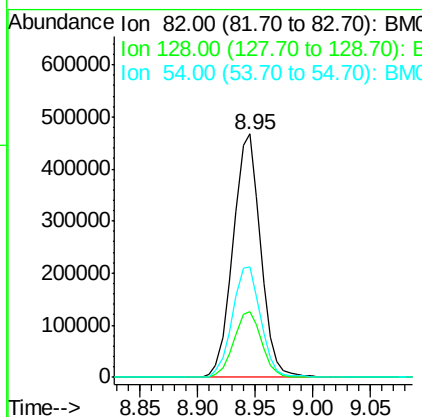
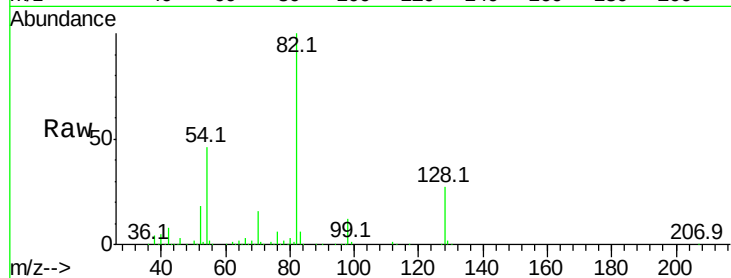




#23
Nitrobenzene-d5
Concen: 89.17 ng
RT: 8.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM009970.D
Acq: 10 May 2017 14:45

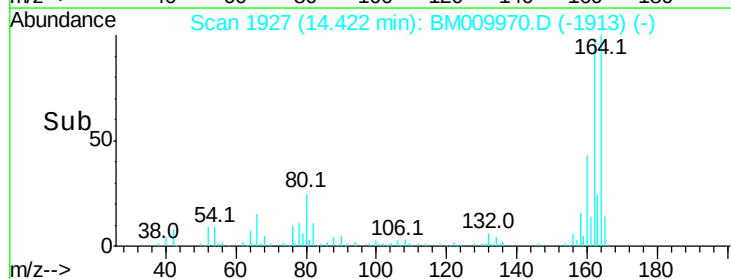
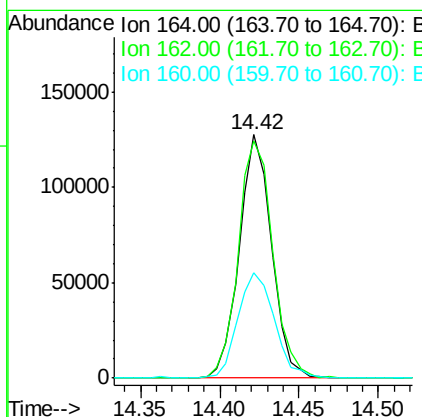
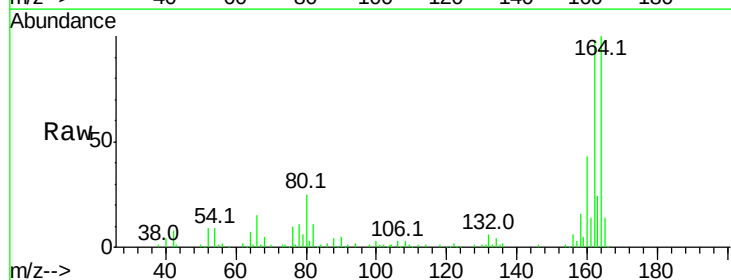
Instrument :
BNA_M
ClientSampleId :

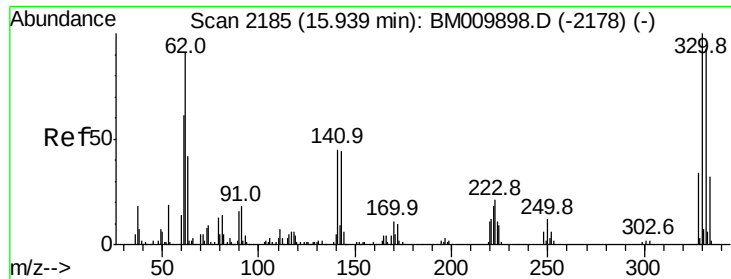
Tot Ion: 82 Resp: 774861
Ion Ratio Lower Upper
82 100
128 27.2 32.8 49.2#
54 45.6 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BM009970.D
Acq: 10 May 2017 14:45

Tgt Ion: 164 Resp: 180268
Ion Ratio Lower Upper
164 100
162 97.6 82.4 123.6
160 43.5 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 137.41 ng

RT: 15.93 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM009970.D

Acq: 10 May 2017 14:45

Instrument :

BNA_M

ClientSampleId :

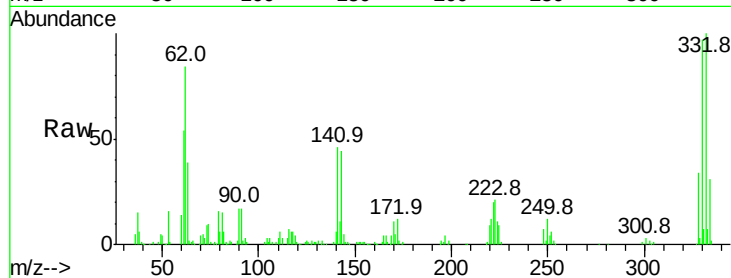
Tot Ion:330 Resp: 338309

Ion Ratio Lower Upper

330 100

332 98.1 0.0 0.0#

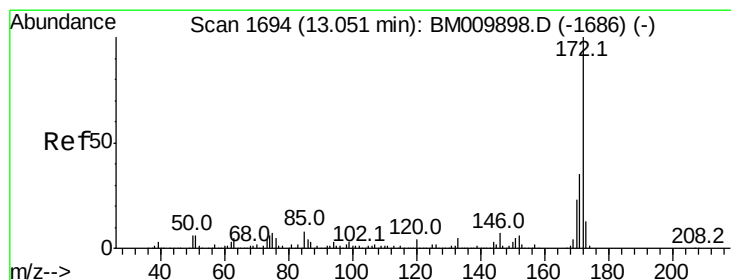
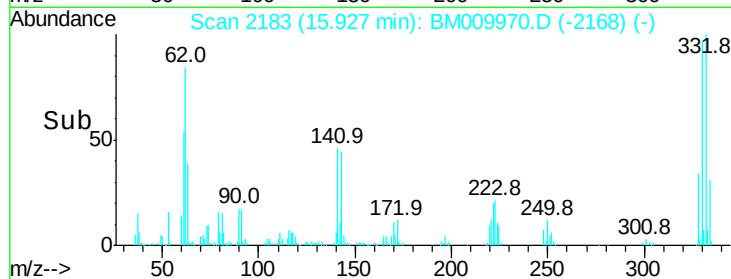
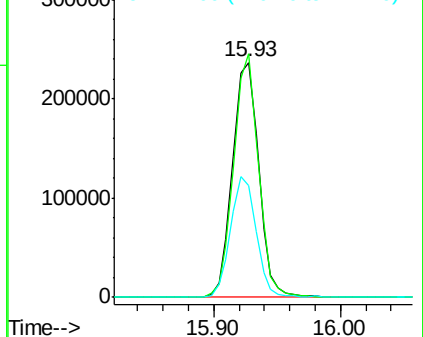
141 50.2 0.0 0.0#



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: 91.89 ng

RT: 13.03 min Scan# 1691

Delta R.T. -0.02 min

Lab File: BM009970.D

Acq: 10 May 2017 14:45

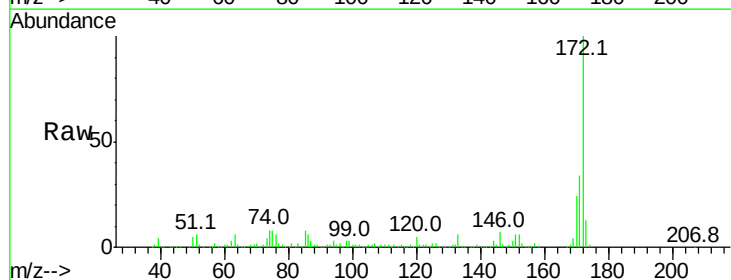
Tgt Ion:172 Resp: 1271353

Ion Ratio Lower Upper

172 100

171 34.4 28.5 42.7

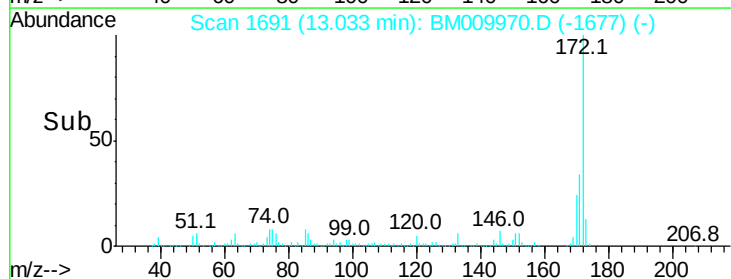
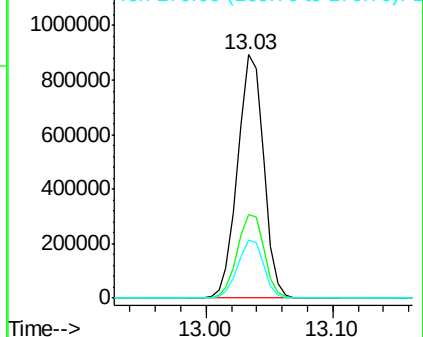
170 24.0 18.8 28.2

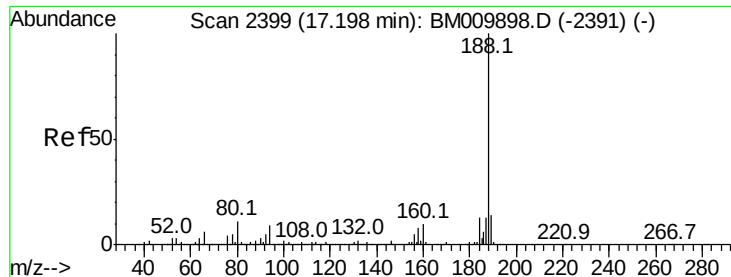


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.18 min Scan# 2396

Delta R.T. -0.02 min

Lab File: BM009970.D

Acq: 10 May 2017 14:45

Instrument :

BNA_M

ClientSampleId :

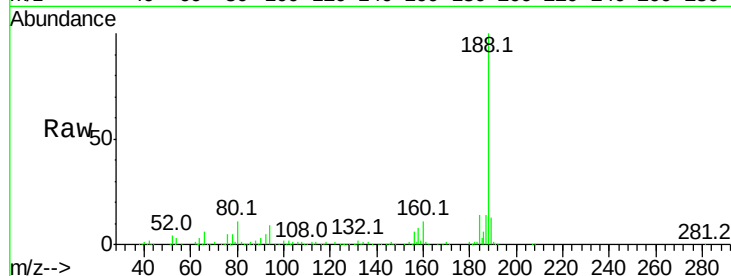
Tot Ion:188 Resp: 448262

Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

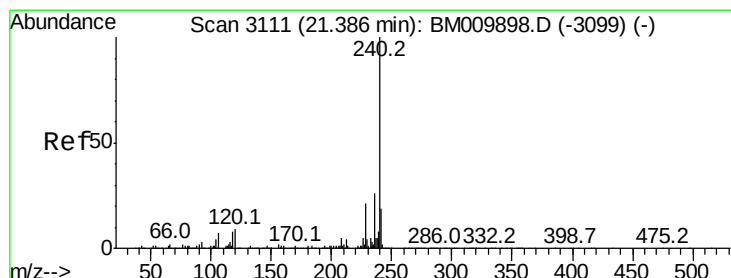
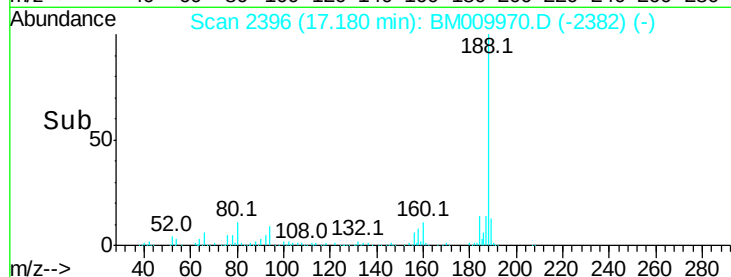
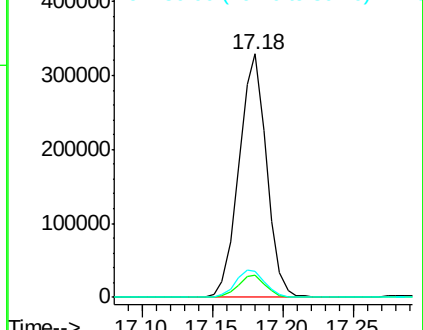
80 10.8 9.3 13.9



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: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM009970.D

Acq: 10 May 2017 14:45

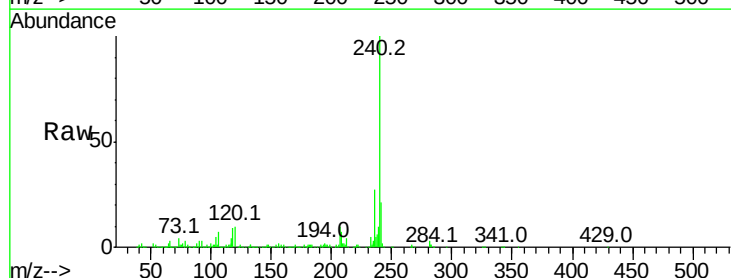
Tgt Ion:240 Resp: 496147

Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.2

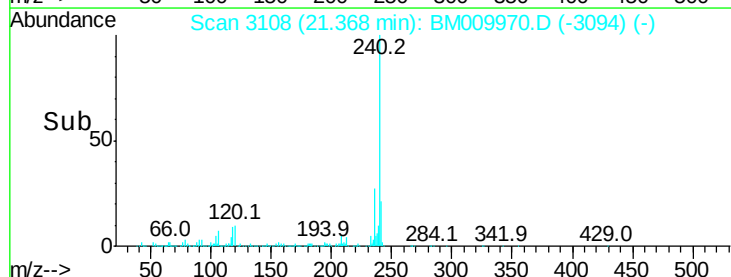
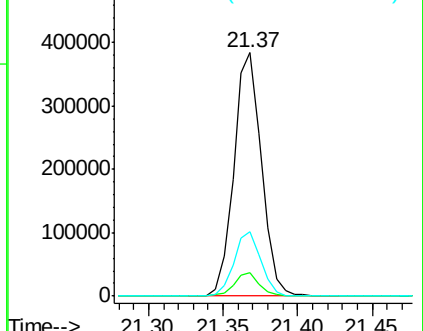
236 26.6 20.0 30.0

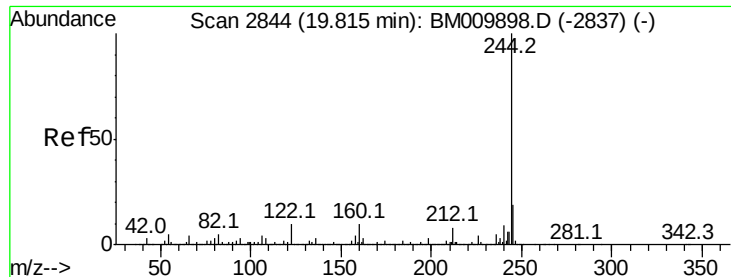


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

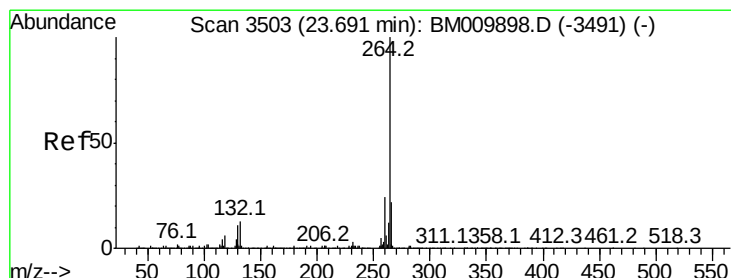
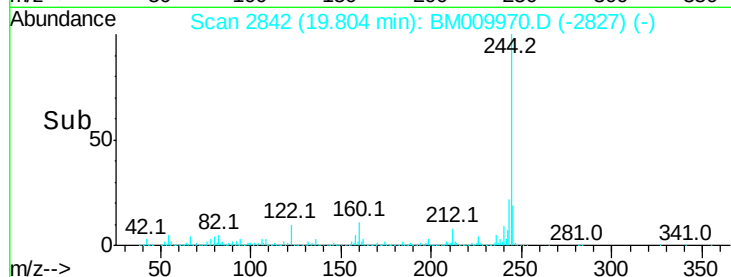
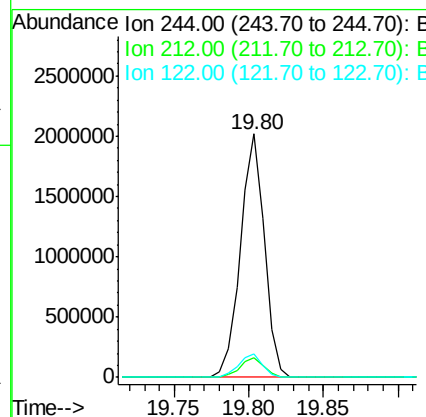
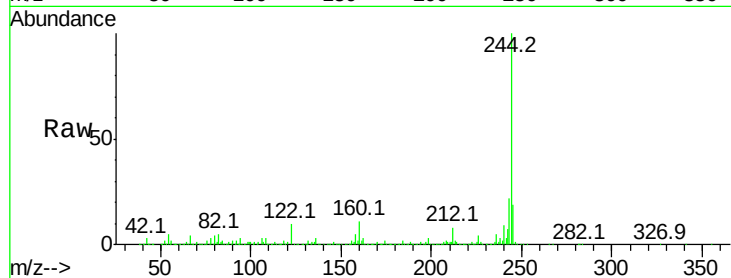




#78
 Terphenyl-d14
 Concen: 93.38 ng
 RT: 19.80 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM009970.D
 Acq: 10 May 2017 14:45

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 2258490
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.9 7.3#
 122 9.6 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.66 min Scan# 3498
 Delta R.T. -0.03 min
 Lab File: BM009970.D
 Acq: 10 May 2017 14:45

Tgt Ion:264 Resp: 274157
 Ion Ratio Lower Upper
 264 100
 260 26.8 18.6 27.8
 265 22.9 17.3 25.9

