

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009938.D
 Acq On : 06 May 2017 13:02
 Operator : SJ/MA
 Sample : I2893-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:41:22 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	84601	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	353463	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	221951	20.00	ng	-0.01
63) Phenanthrene-d10	17.19	188	561378	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	681320	20.00	ng	-0.01
86) Perylene-d12	23.69	264	502104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	364384	68.57	ng	0.00
7) Phenol-d6	6.96	99	330205	40.54	ng	0.00
23) Nitrobenzene-d5	8.95	82	1024381	104.88	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	519759	171.46	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1761219	103.39	ng	0.00
78) Terphenyl-d14	19.82	244	3509051	105.66	ng	0.00

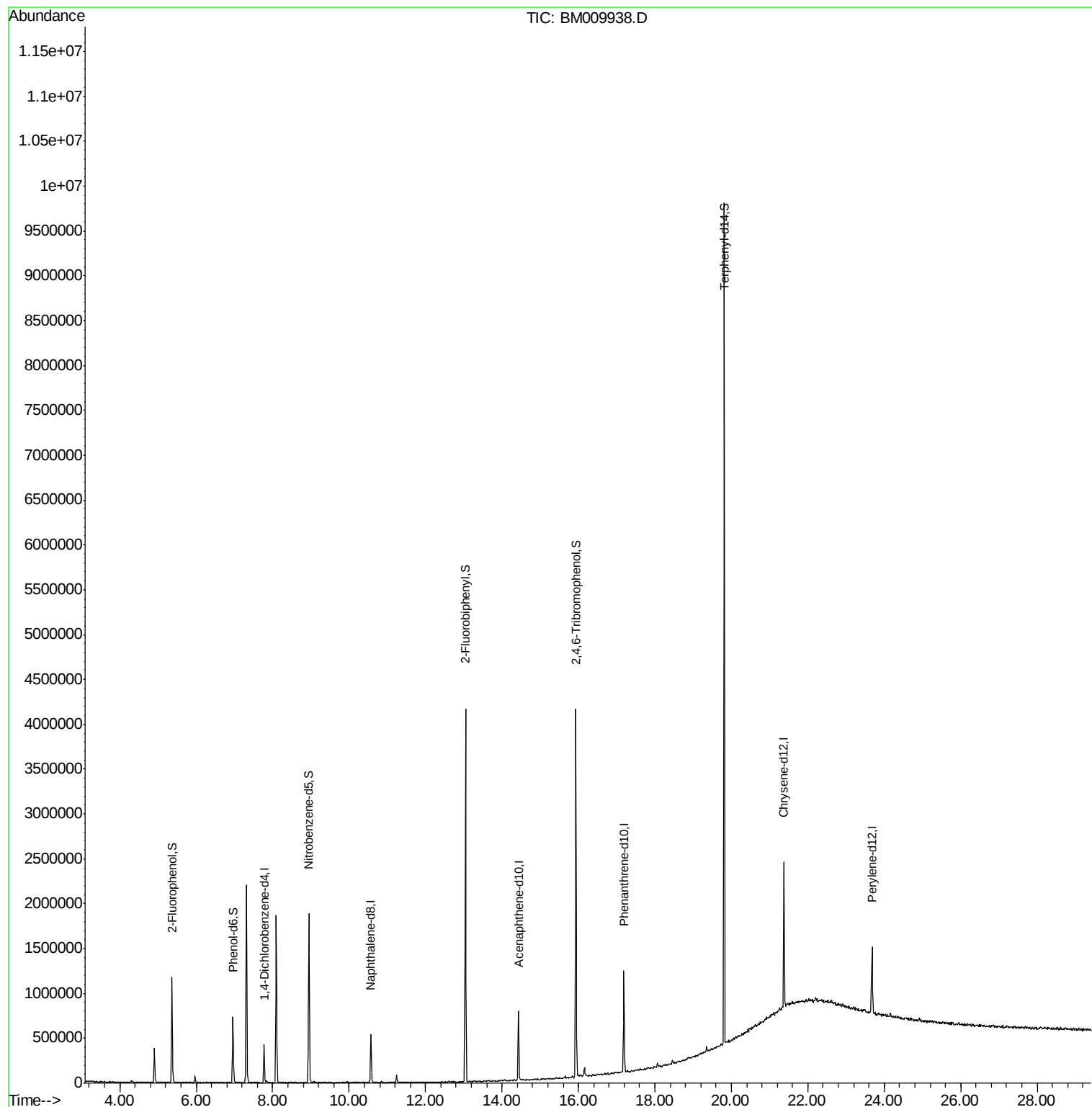
Target Compounds Qvalue

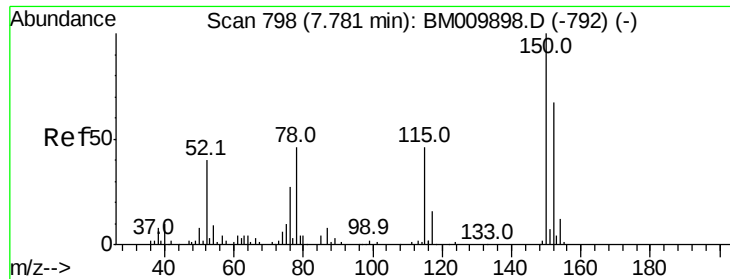
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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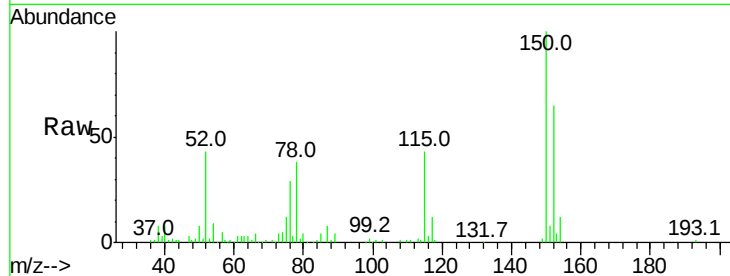


#1

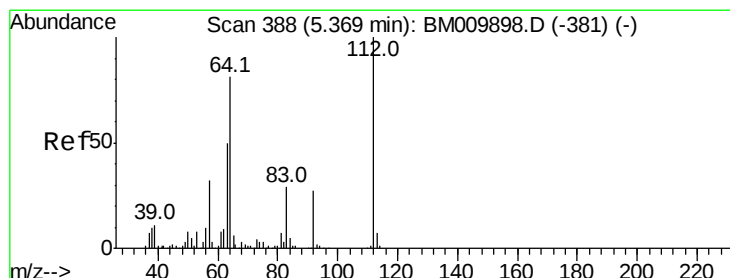
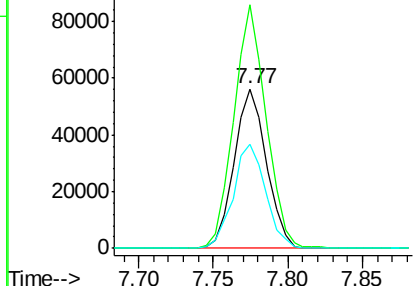
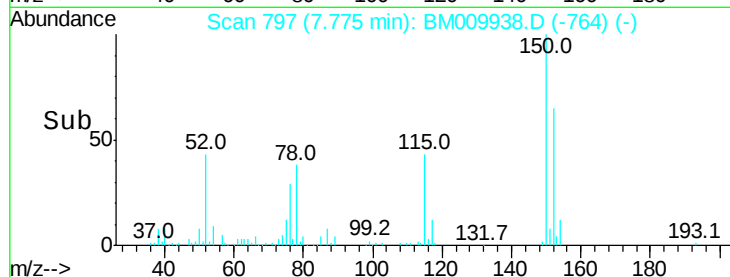
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BM009938.D
 Acq: 06 May 2017 13:02

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:152 Resp: 84601
 Ion Ratio Lower Upper
 152 100
 150 152.9 119.5 179.3
 115 65.8 43.0 64.4#



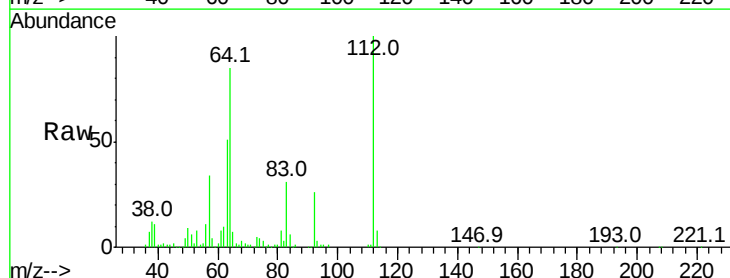
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



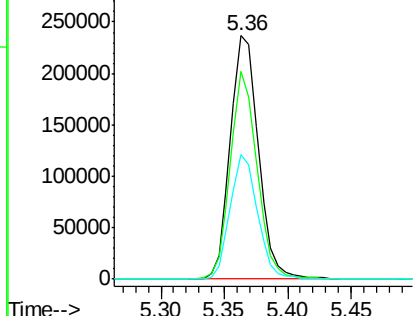
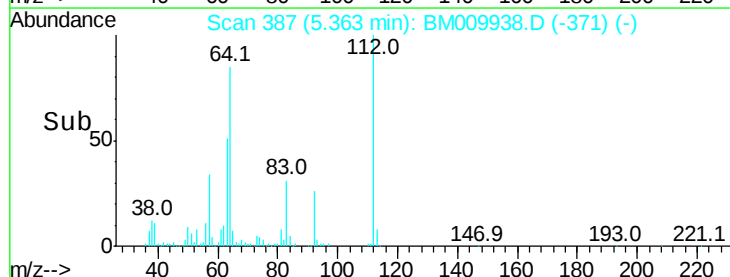
#5

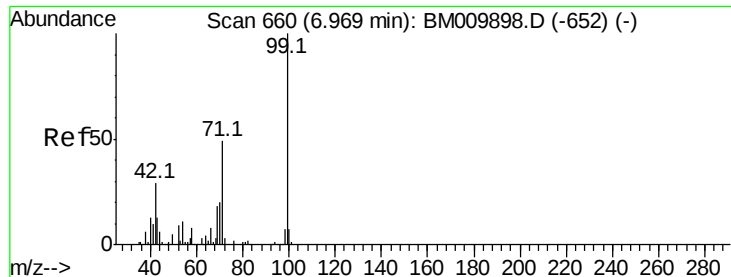
2-Fluorophenol
 Concen: 68.57 ng
 RT: 5.36 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: BM009938.D
 Acq: 06 May 2017 13:02

Tgt Ion:112 Resp: 364384
 Ion Ratio Lower Upper
 112 100
 64 85.3 38.6 57.8#
 63 50.9 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: 40.54 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009938.D

Acq: 06 May 2017 13:02

Instrument :

BNA_M

ClientSampleId :

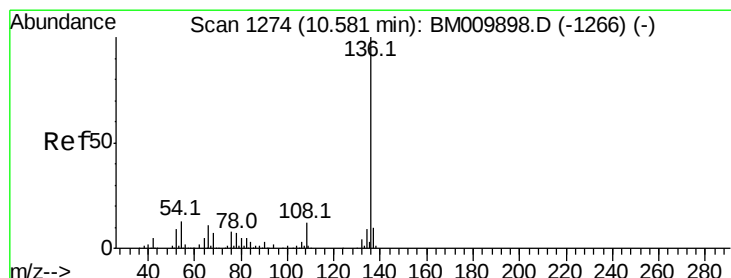
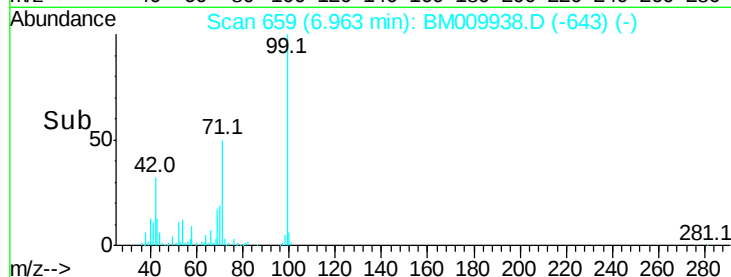
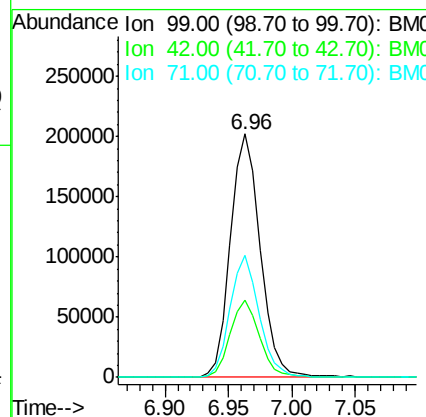
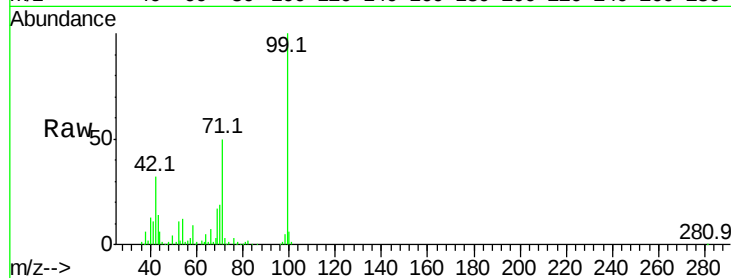
Tot Ion: 99 Resp: 330205

Ion Ratio Lower Upper

99 100

42 31.9 11.0 16.4#

71 50.2 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: BM009938.D

Acq: 06 May 2017 13:02

Tgt Ion: 136 Resp: 353463

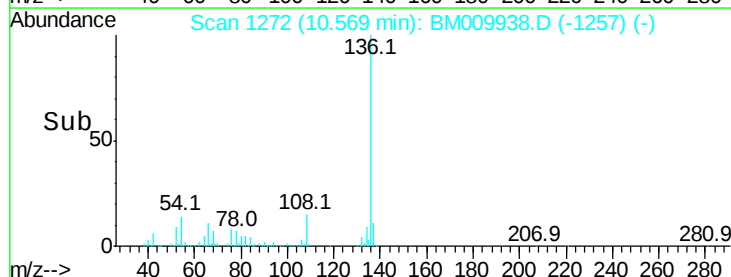
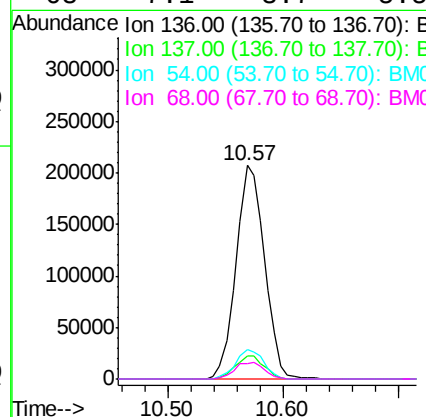
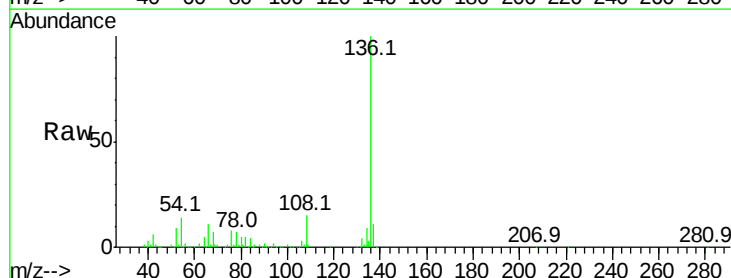
Ion Ratio Lower Upper

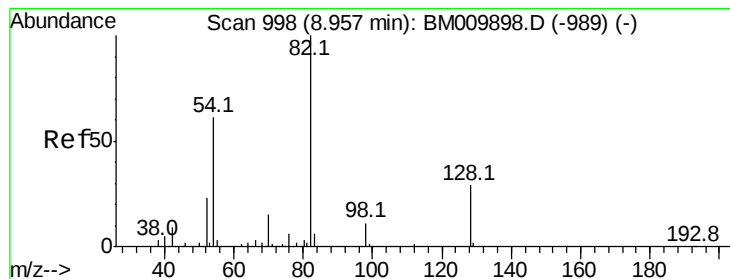
136 100

137 10.7 8.7 13.1

54 13.8 4.6 6.8#

68 7.1 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 104.88 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BM009938.D

Acq: 06 May 2017 13:02

Instrument :

BNA_M

ClientSampleId :

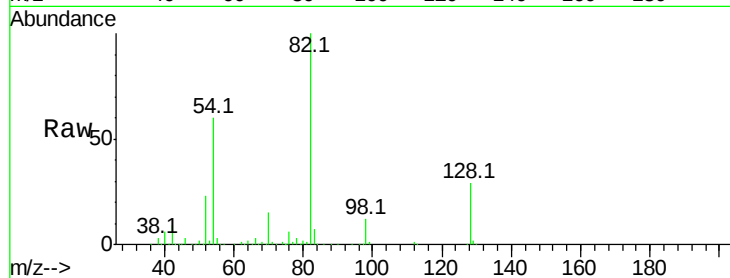
Tot Ion: 82 Resp: 1024381

Ion Ratio Lower Upper

82 100

128 28.8 32.8 49.2#

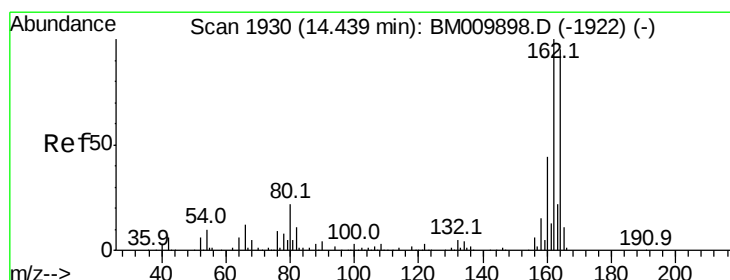
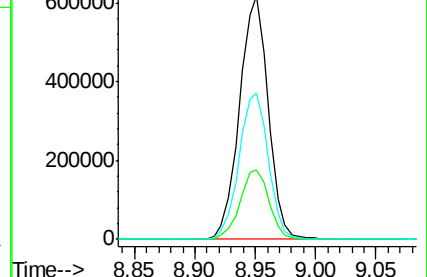
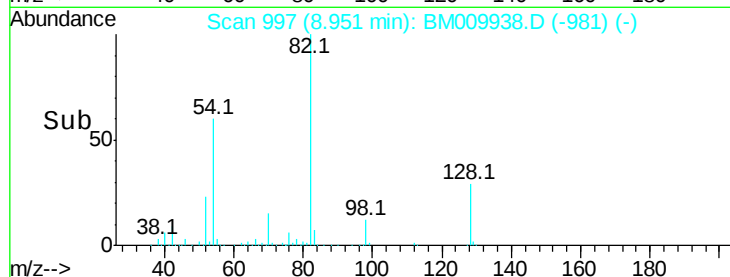
54 60.1 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM009898.D (-989) (-)

Ion 128.00 (127.70 to 128.70): BM009898.D (-989) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-989) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BM009938.D

Acq: 06 May 2017 13:02

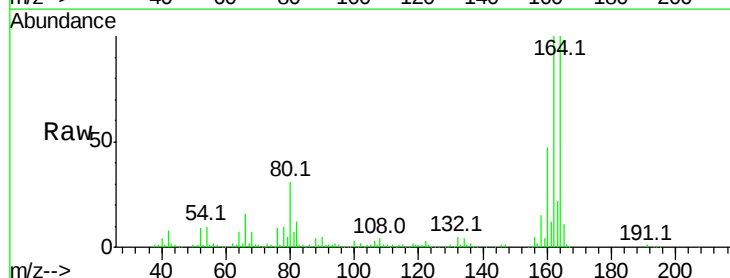
Tgt Ion: 164 Resp: 221951

Ion Ratio Lower Upper

164 100

162 100.3 82.4 123.6

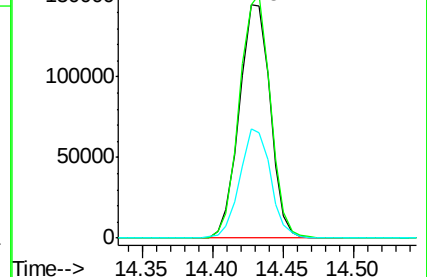
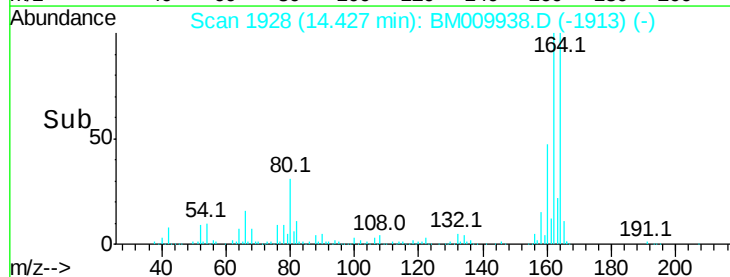
160 47.0 35.8 53.6

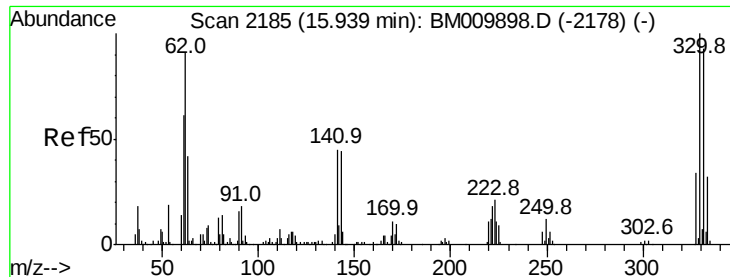


Abundance Ion 164.00 (163.70 to 164.70): BM009898.D (-1922) (-)

Ion 162.00 (161.70 to 162.70): BM009898.D (-1922) (-)

Ion 160.00 (159.70 to 160.70): BM009898.D (-1922) (-)

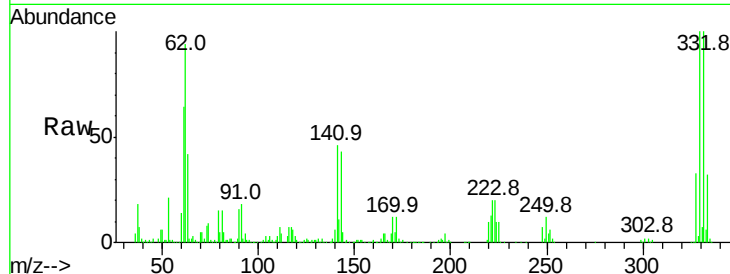




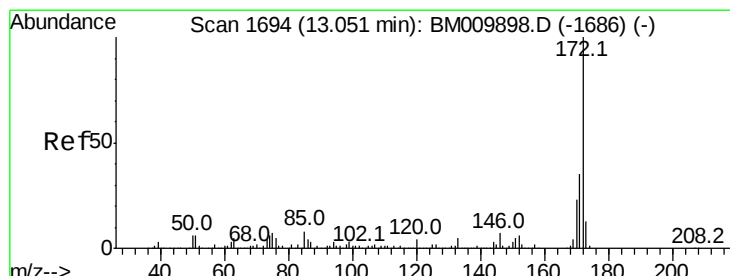
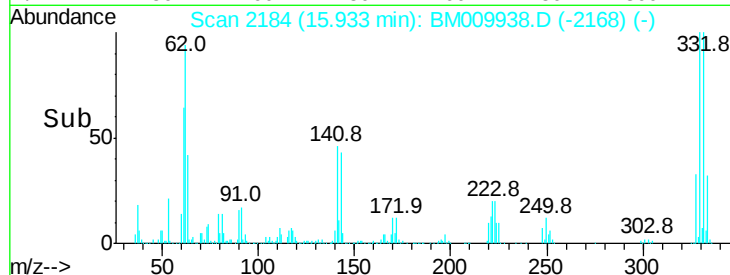
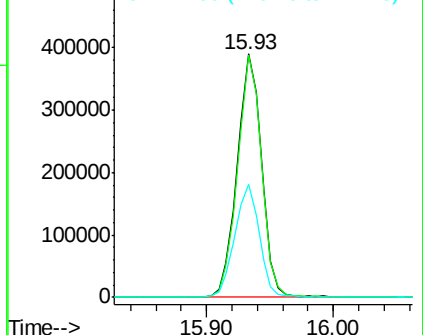
#41
 2,4,6-Tribromophenol
 Concen: 171.46 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009938.D
 Acq: 06 May 2017 13:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 519759
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 46.6 0.0 0.0#

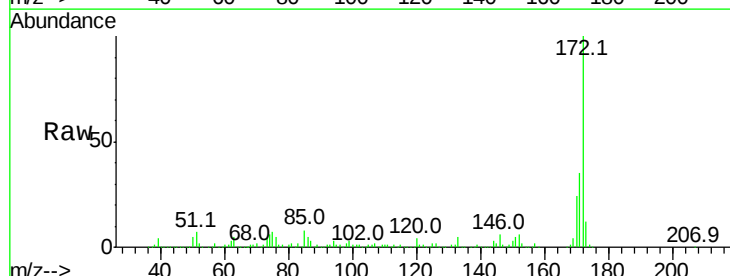


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

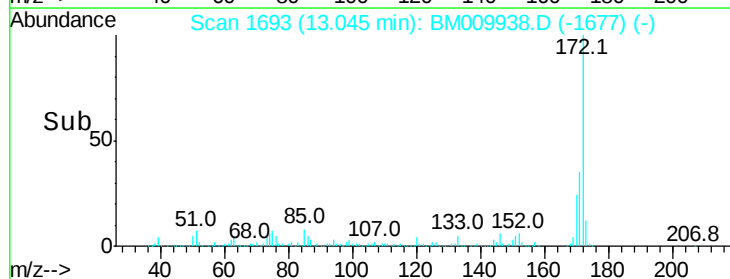
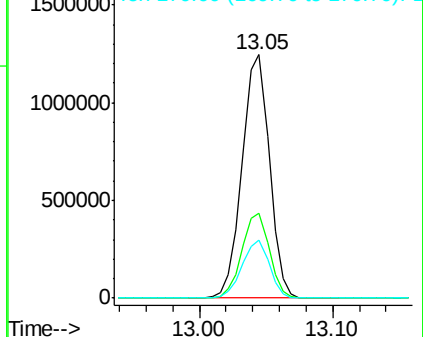


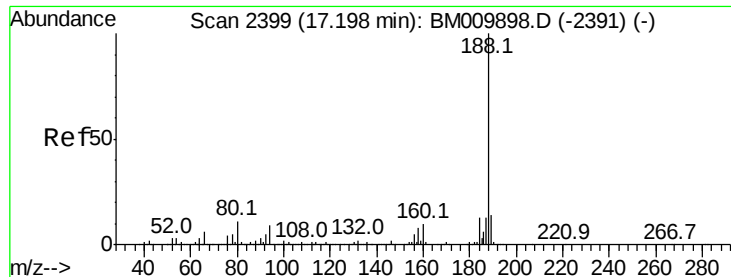
#44
 2-Fluorobiphenyl
 Concen: 103.39 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009938.D
 Acq: 06 May 2017 13:02

Tgt Ion:172 Resp: 1761219
 Ion Ratio Lower Upper
 172 100
 171 34.8 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

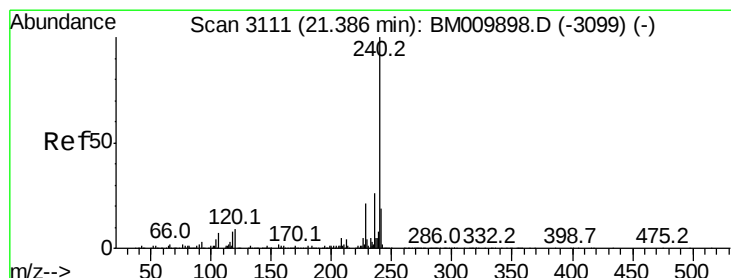
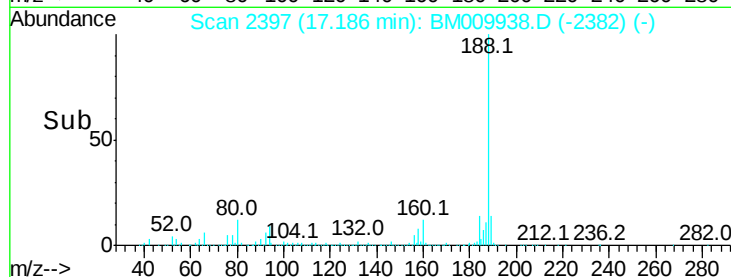
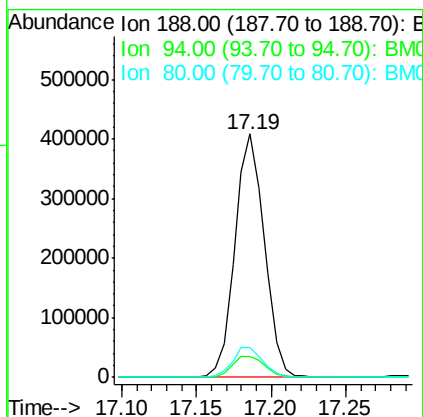
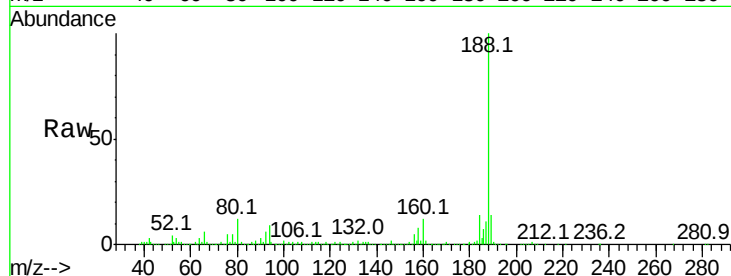




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009938.D
Acq: 06 May 2017 13:02

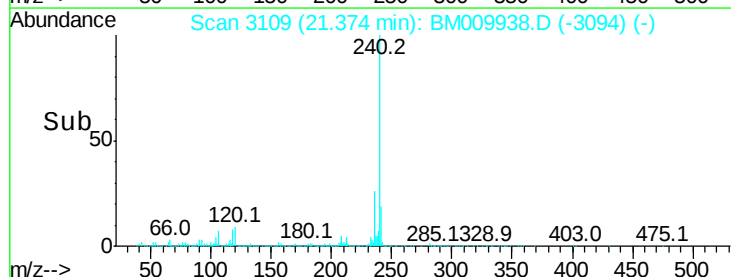
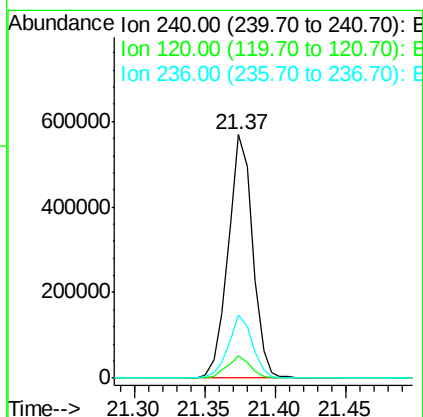
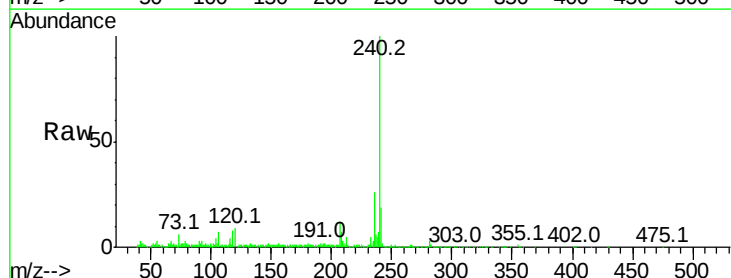
Instrument :
BNA_M
ClientSampled :

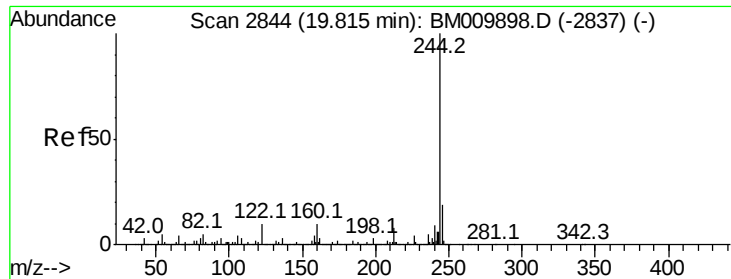
Tot Ion:188 Resp: 561378
Ion Ratio Lower Upper
188 100
94 8.7 8.7 13.1
80 12.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM009938.D
Acq: 06 May 2017 13:02

Tgt Ion:240 Resp: 681320
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 26.0 20.0 30.0





#78

Terphenyl-d14

Concen: 105.66 ng

RT: 19.82 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BM009938.D

Acq: 06 May 2017 13:02

Instrument :

BNA_M

ClientSampleId :

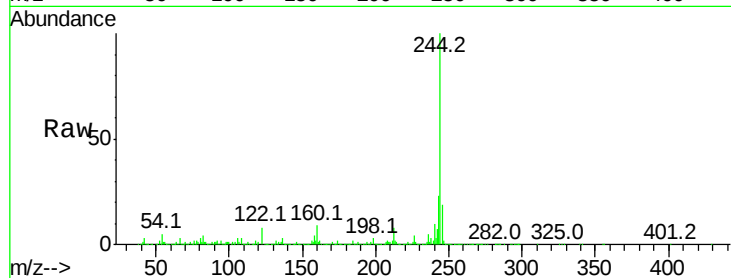
Tot Ion:244 Resp: 3509051

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

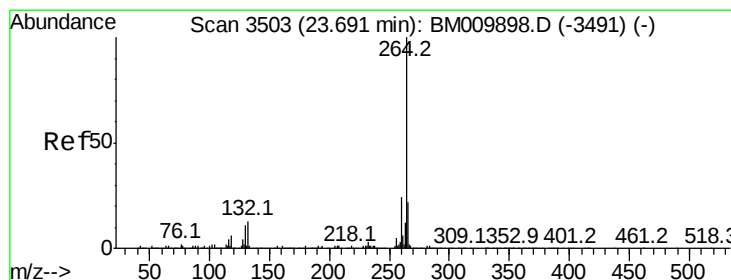
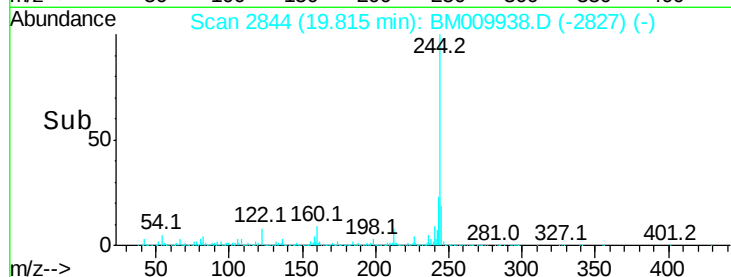
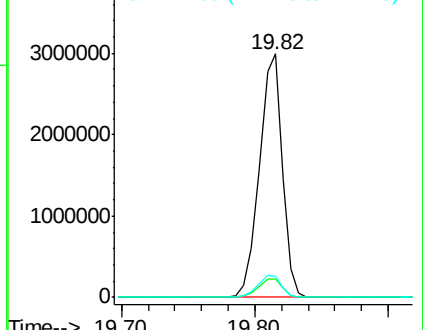
122 8.4 6.2 9.4



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: 23.69 min Scan# 3502

Delta R.T. -0.01 min

Lab File: BM009938.D

Acq: 06 May 2017 13:02

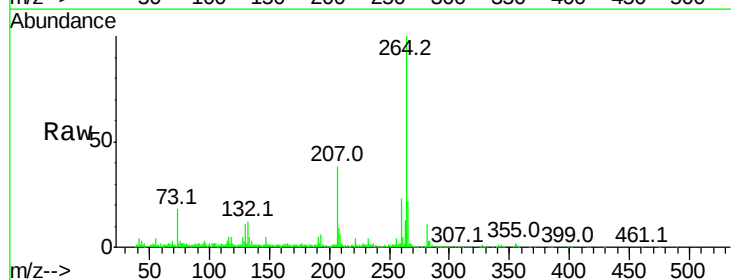
Tgt Ion:264 Resp: 502104

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 22.2 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

