

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009936.D
 Acq On : 06 May 2017 11:49
 Operator : SJ/MA
 Sample : I2893-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:40:51 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	85131	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	349233	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	215625	20.00	ng	-0.01
63) Phenanthrene-d10	17.19	188	558536	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	732088	20.00	ng	-0.01
86) Perylene-d12	23.68	264	552486	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	363320	67.94	ng	0.00
7) Phenol-d6	6.96	99	323505	39.47	ng	0.00
23) Nitrobenzene-d5	8.95	82	1050721	108.88	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	539105	183.06	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	1786753	107.96	ng	0.00
78) Terphenyl-d14	19.81	244	3555273	99.62	ng	0.00

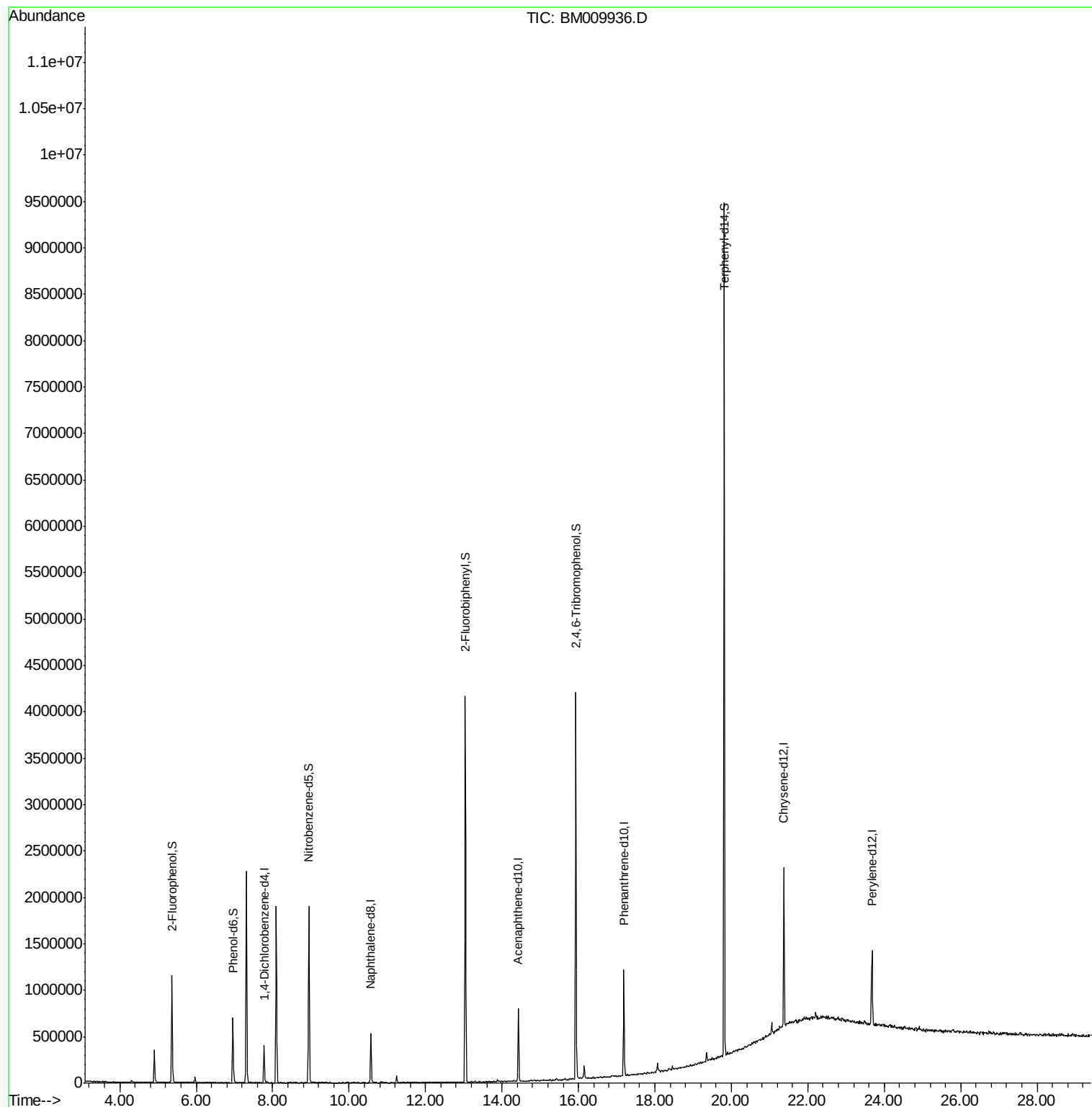
Target Compounds Qvalue

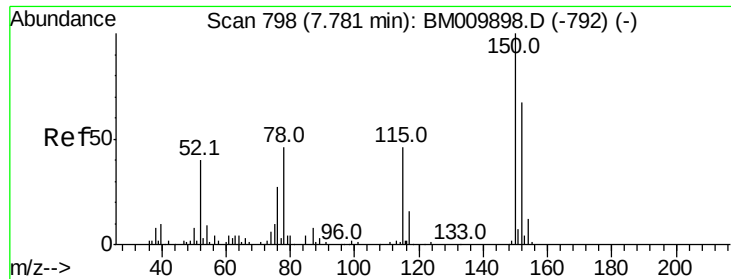
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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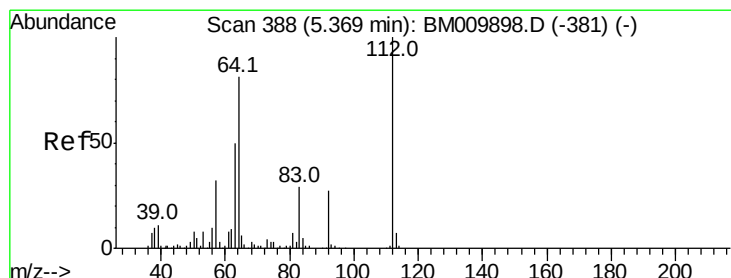
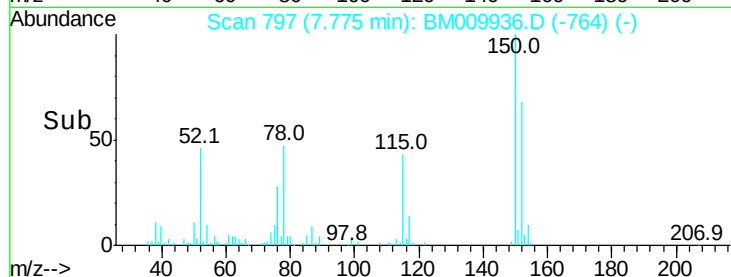
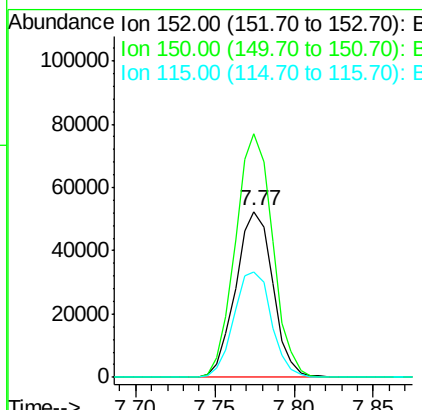
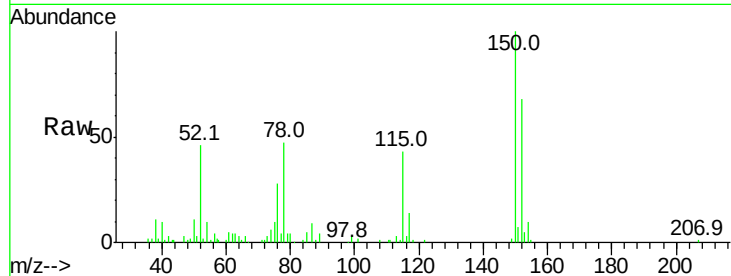


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009936.D
Acq: 06 May 2017 11:49

Instrument :
BNA_M
ClientSampleId :

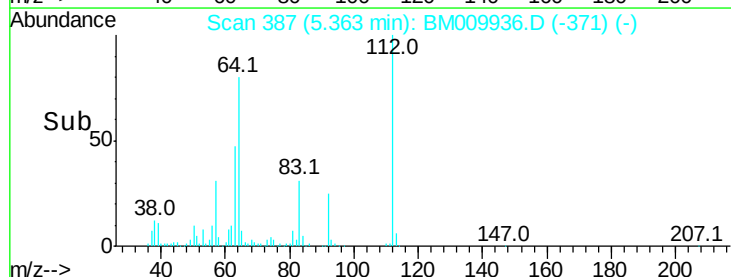
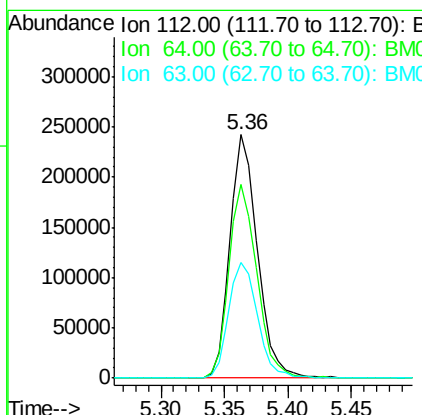
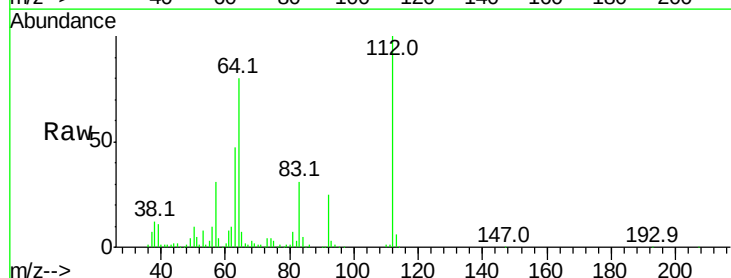
Tot Ion:152 Resp: 85131
Ion Ratio Lower Upper
152 100
150 146.6 119.5 179.3
115 63.3 43.0 64.4

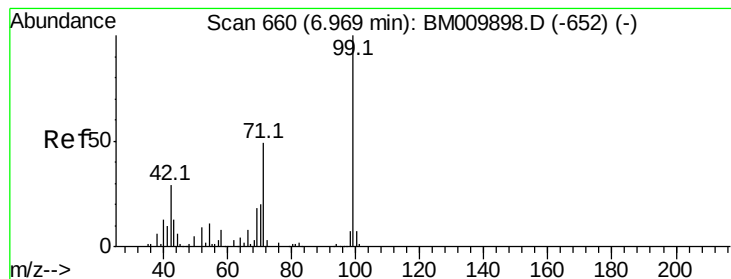


#5

2-Fluorophenol
Concen: 67.94 ng
RT: 5.36 min Scan# 387
Delta R.T. -0.01 min
Lab File: BM009936.D
Acq: 06 May 2017 11:49

Tgt Ion:112 Resp: 363320
Ion Ratio Lower Upper
112 100
64 79.6 38.6 57.8#
63 47.3 19.3 28.9#





#7

Phenol-d6

Concen: 39.47 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009936.D

Acq: 06 May 2017 11:49

Instrument :

BNA_M

ClientSampleId :

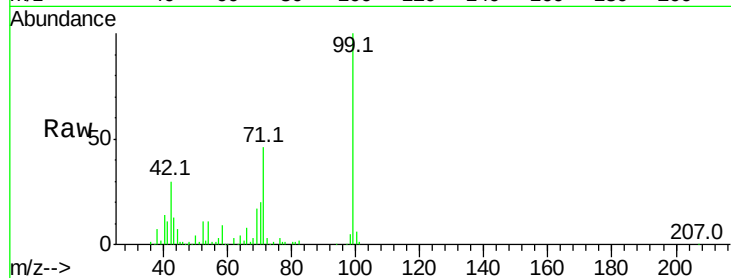
Tot Ion: 99 Resp: 323505

Ion Ratio Lower Upper

99 100

42 29.5 11.0 16.4#

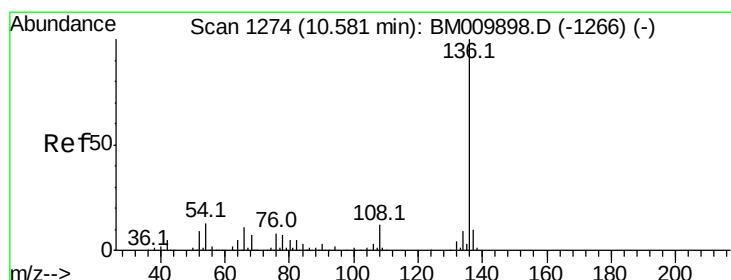
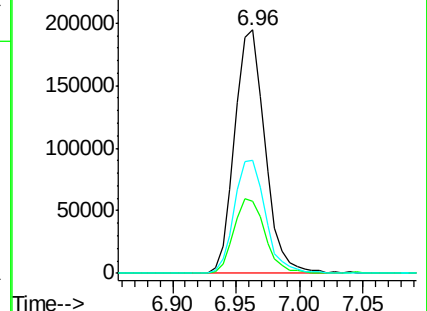
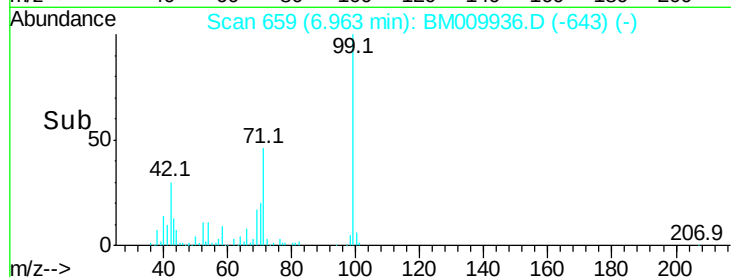
71 46.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009898.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009898.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009898.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM009936.D

Acq: 06 May 2017 11:49

Tgt Ion: 136 Resp: 349233

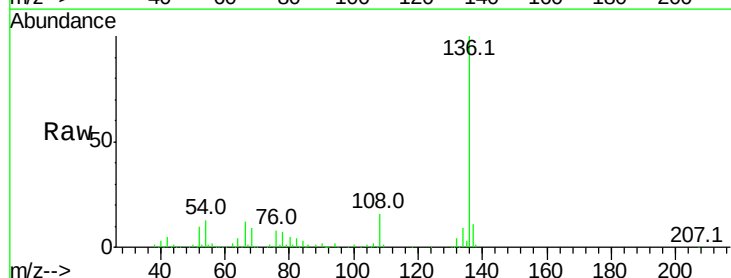
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 12.8 4.6 6.8#

68 9.2 3.7 5.5#

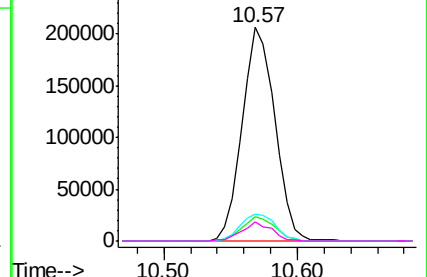
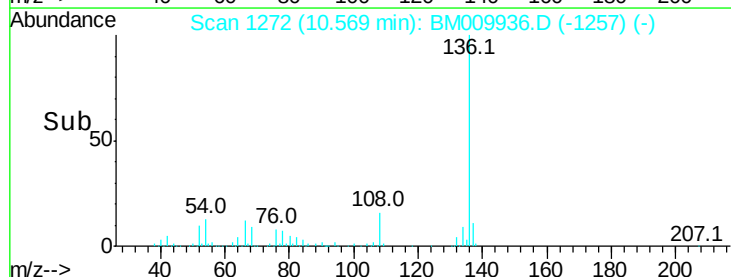


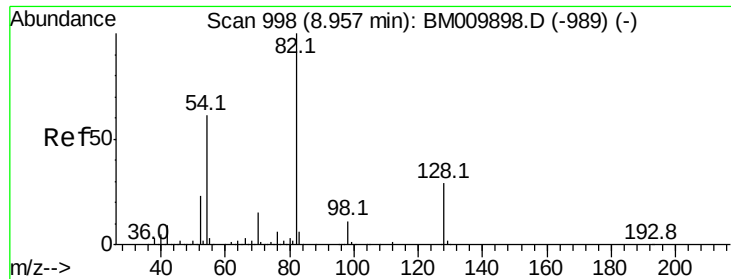
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

Ion 137.00 (136.70 to 137.70): BM009898.D (-1266) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-1266) (-)

Ion 68.00 (67.70 to 68.70): BM009898.D (-1266) (-)

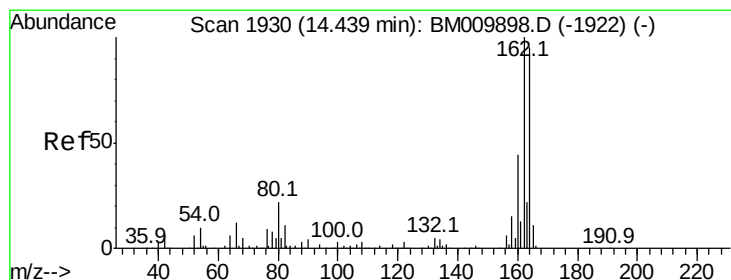
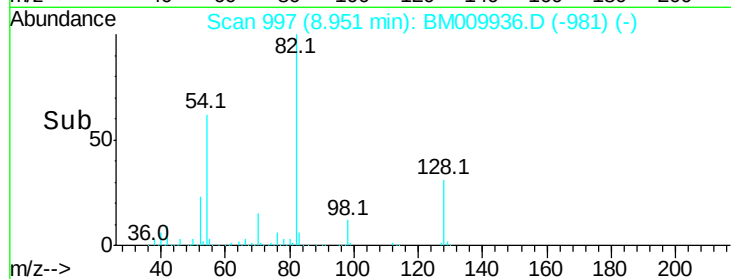
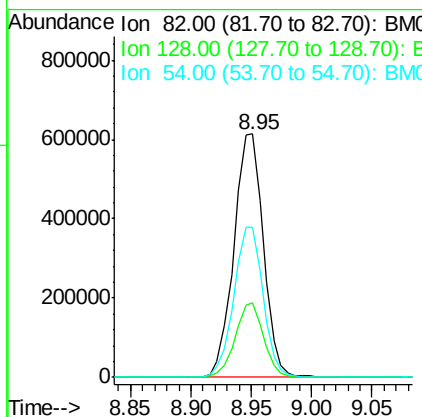
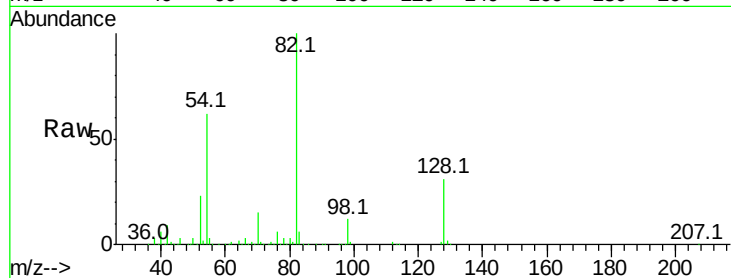




#23
 Nitrobenzene-d5
 Concen: 108.88 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009936.D
 Acq: 06 May 2017 11:49

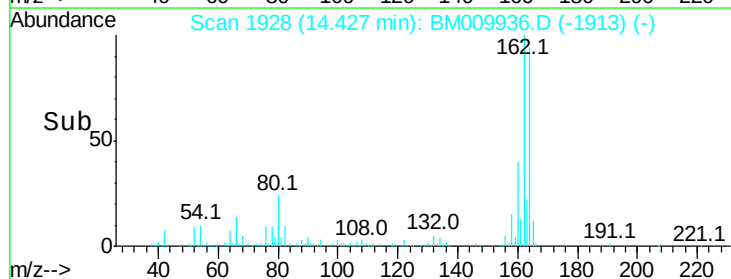
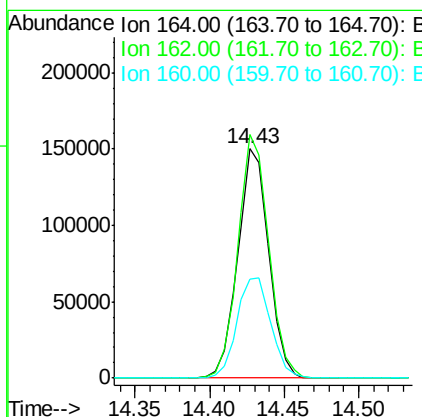
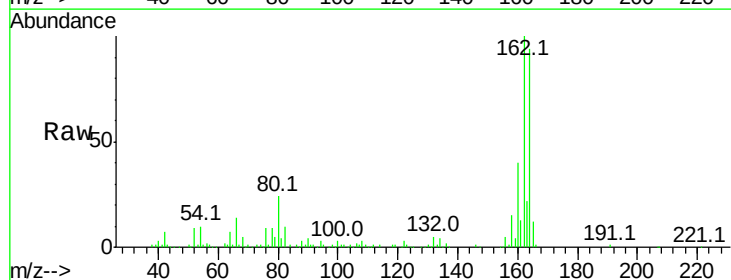
Instrument :
 BNA_M
 ClientSampleId :

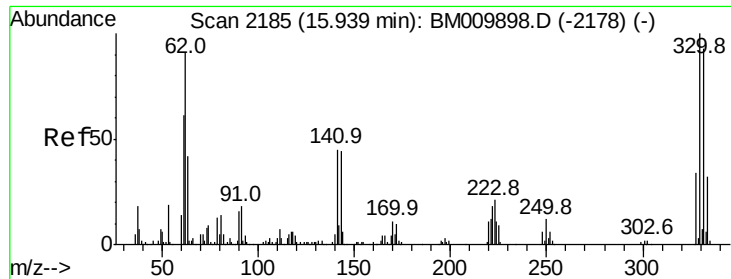
Tot Ion: 82 Resp: 1050721
 Ion Ratio Lower Upper
 82 100
 128 30.6 32.8 49.2#
 54 61.5 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM009936.D
 Acq: 06 May 2017 11:49

Tgt Ion:164 Resp: 215625
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.4 123.6
 160 43.0 35.8 53.6

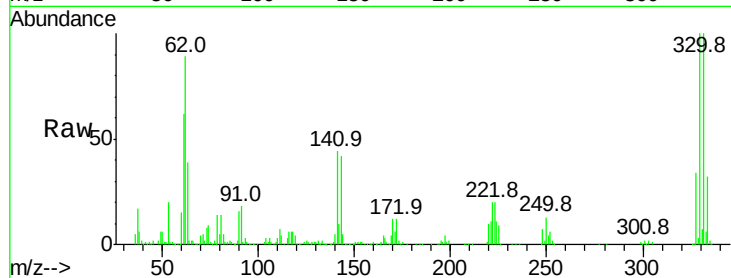




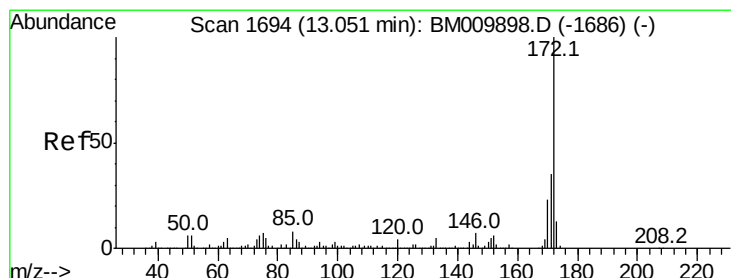
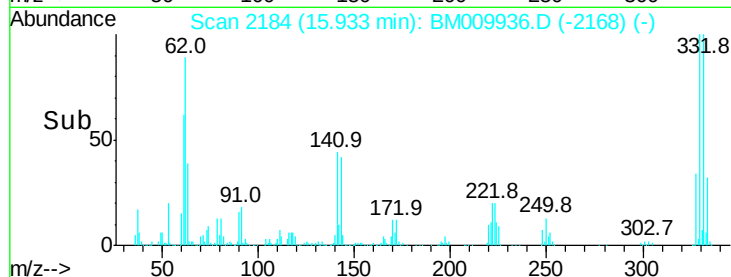
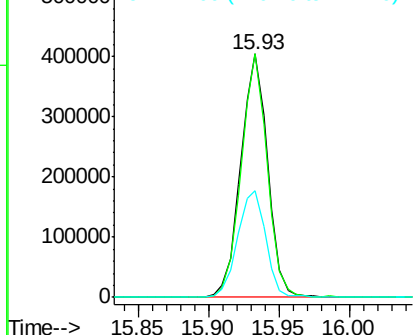
#41
 2,4,6-Tribromophenol
 Concen: 183.06 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009936.D
 Acq: 06 May 2017 11:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 539105
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 45.8 0.0 0.0#

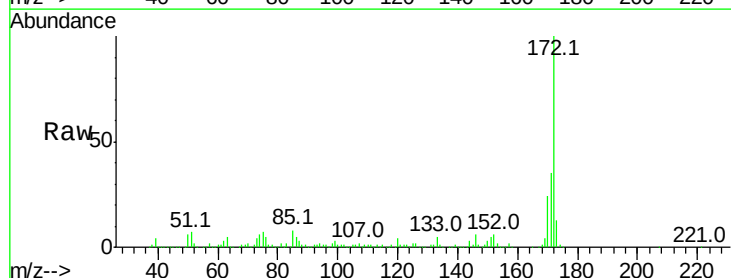


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

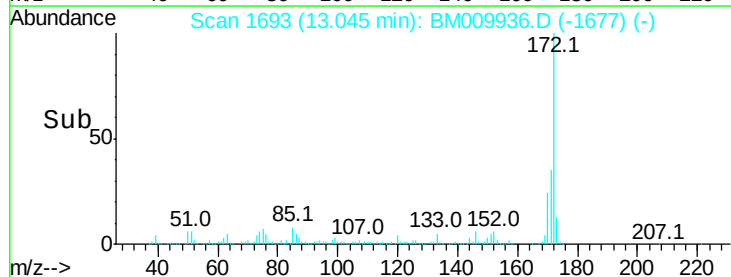
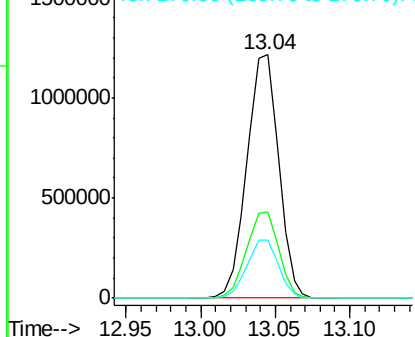


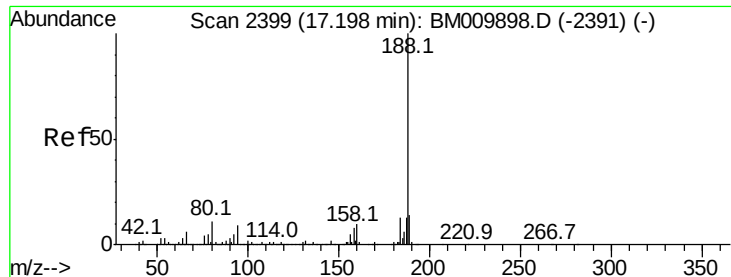
#44
 2-Fluorobiphenyl
 Concen: 107.96 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009936.D
 Acq: 06 May 2017 11:49

Tgt Ion:172 Resp: 1786753
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.7 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: BM009936.D

Acq: 06 May 2017 11:49

Instrument :

BNA_M

ClientSampled :

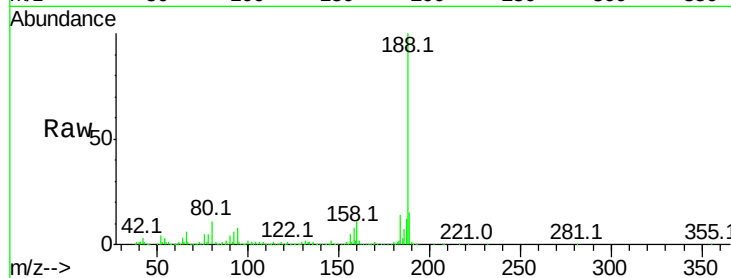
Tot Ion:188 Resp: 558536

Ion Ratio Lower Upper

188 100

94 8.4 8.7 13.1#

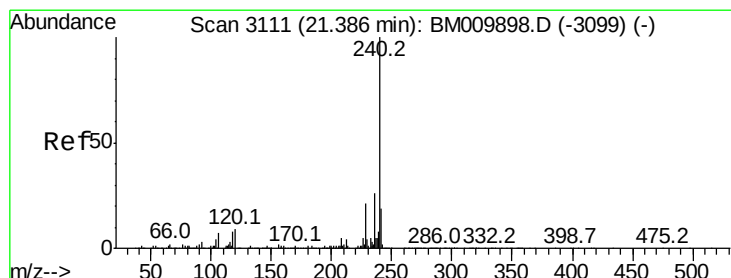
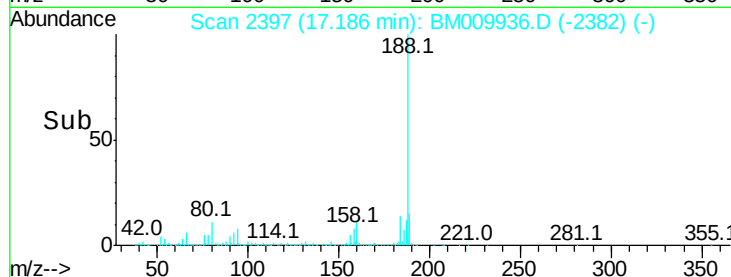
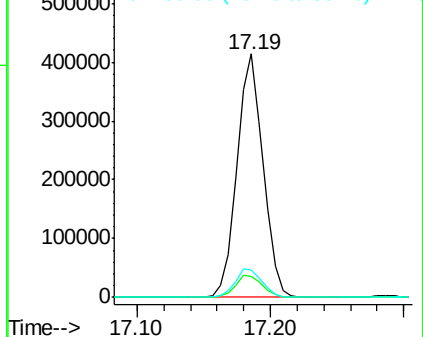
80 11.4 9.3 13.9



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: 21.37 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM009936.D

Acq: 06 May 2017 11:49

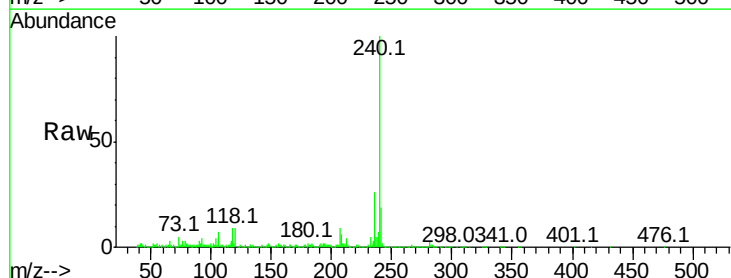
Tgt Ion:240 Resp: 732088

Ion Ratio Lower Upper

240 100

120 8.7 8.2 12.2

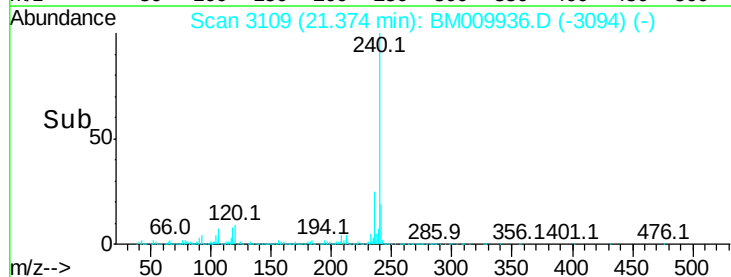
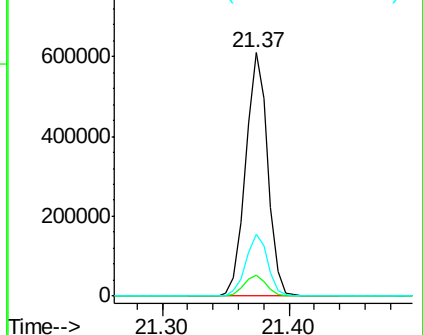
236 25.6 20.0 30.0

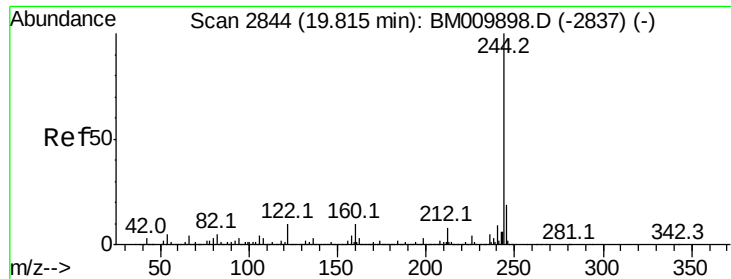


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.62 ng

RT: 19.81 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM009936.D

Acq: 06 May 2017 11:49

Instrument :

BNA_M

ClientSampleId :

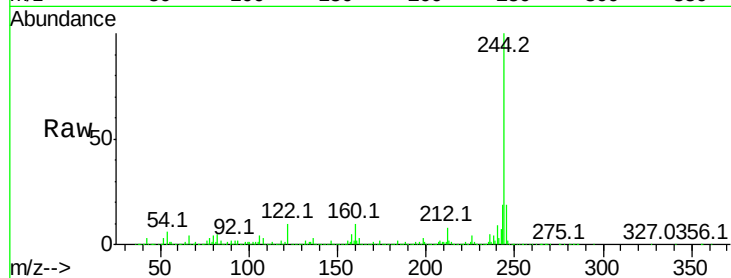
Tot Ion:244 Resp: 3555273

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

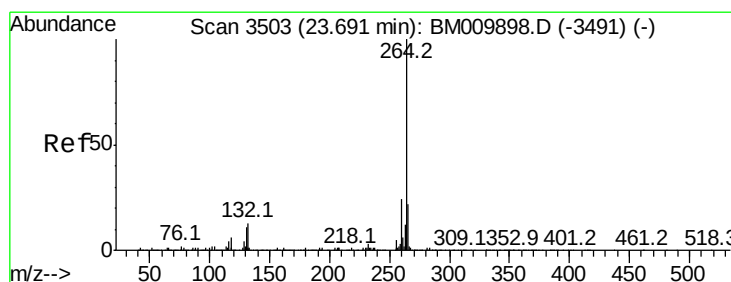
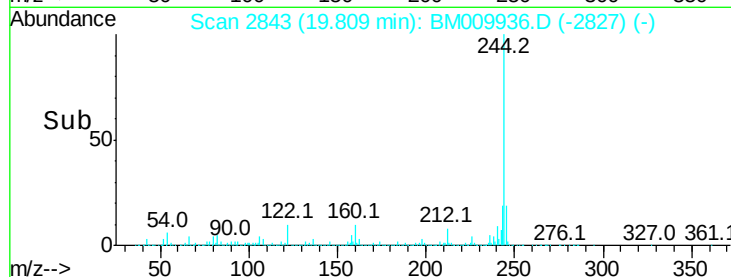
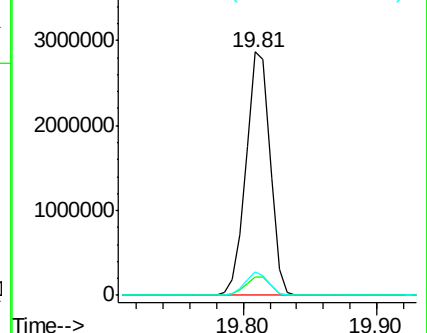
122 9.7 6.2 9.4#



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: 23.68 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BM009936.D

Acq: 06 May 2017 11:49

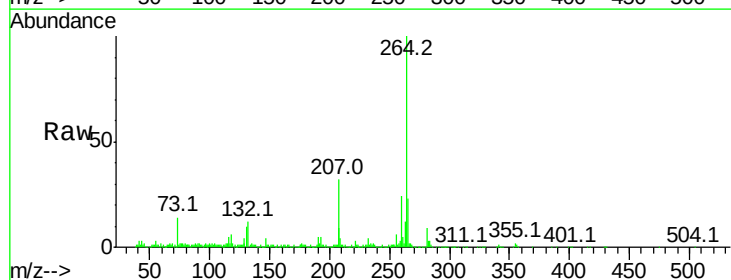
Tgt Ion:264 Resp: 552486

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 22.5 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

