

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011109.D
 Acq On : 03 Aug 2017 04:18
 Operator : SJ/JU
 Sample : I4534-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11938

Quant Time: Aug 03 05:15:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	171454	20.00	ng	-0.01
21) Naphthalene-d8	10.13	136	663005	20.00	ng	-0.02
38) Acenaphthene-d10	14.03	164	454729	20.00	ng	-0.02
63) Phenanthrene-d10	16.79	188	1119568	20.00	ng	-0.02
75) Chrysene-d12	21.02	240	913159	20.00	ng	-0.01
86) Perylene-d12	23.12	264	763591	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	697816	68.80	ng	0.00
7) Phenol-d6	6.57	99	989273	68.65	ng	-0.02
23) Nitrobenzene-d5	8.53	82	1744363	98.75	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	559008	76.70	ng	-0.02
44) 2-Fluorobiphenyl	12.65	172	3282812	90.54	ng	-0.02
78) Terphenyl-d14	19.46	244	4727066	102.54	ng	0.00

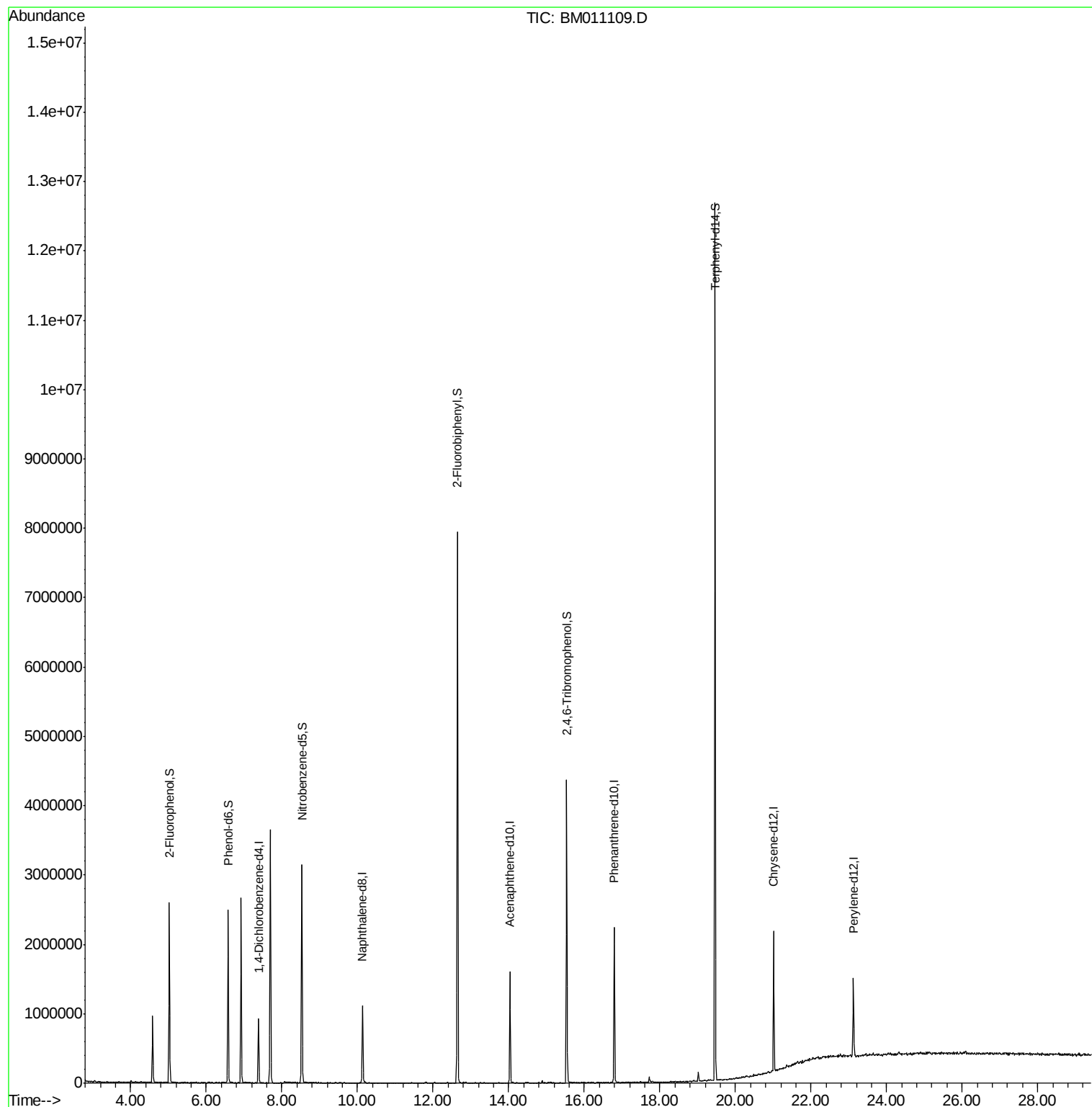
Target Compounds Qvalue

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

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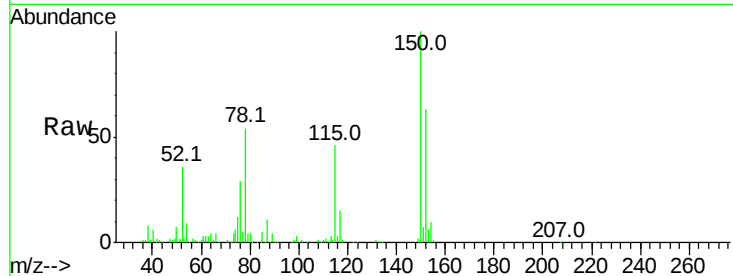


#1

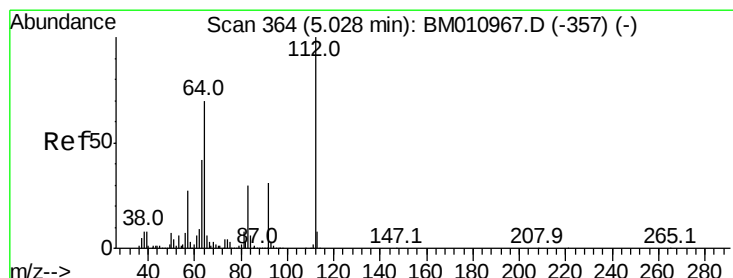
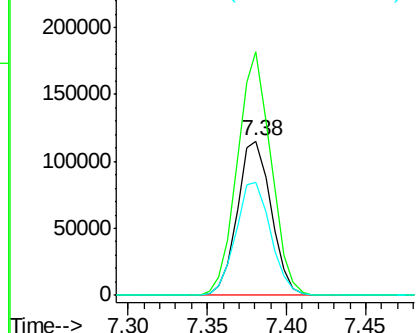
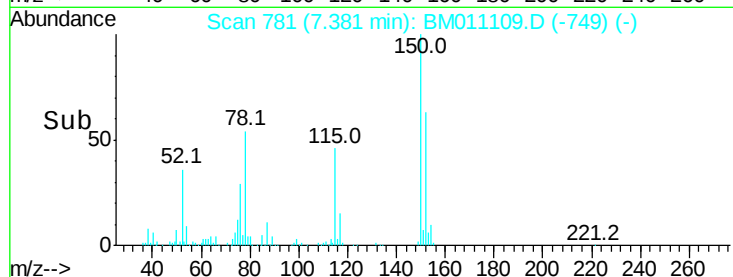
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011109.D
Acq: 03 Aug 2017 04:18

Instrument :
BNA_M
ClientSampled :
72-11938

Tot Ion:152 Resp: 171454
Ion Ratio Lower Upper
152 100
150 157.9 119.5 179.3
115 73.2 43.0 64.4#



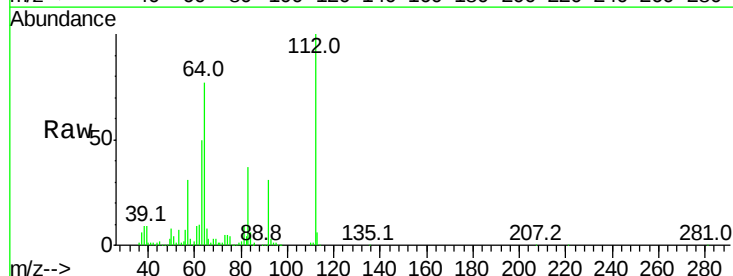
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



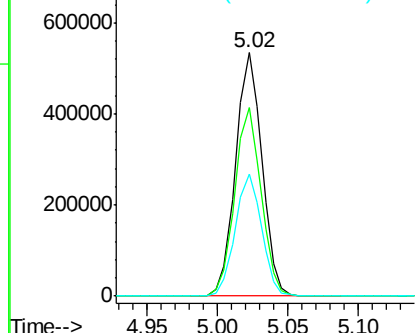
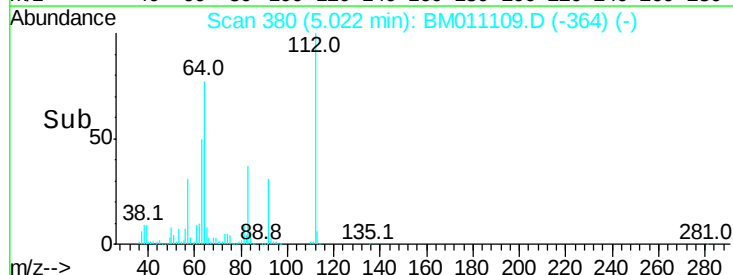
#5

2-Fluorophenol
Concen: 68.801 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011109.D
Acq: 03 Aug 2017 04:18

Tgt Ion:112 Resp: 697816
Ion Ratio Lower Upper
112 100
64 77.5 38.6 57.8#
63 50.2 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: 68.648 ng

RT: 6.57 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM011109.D

Acq: 03 Aug 2017 04:18

Instrument :

BNA_M

ClientSampleId :

72-11938

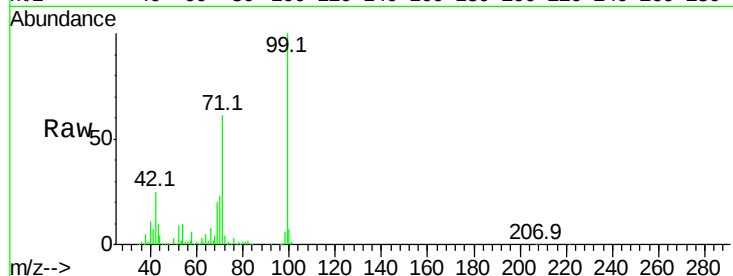
Tot Ion: 99 Resp: 989273

Ion Ratio Lower Upper

99 100

42 25.2 11.0 16.4#

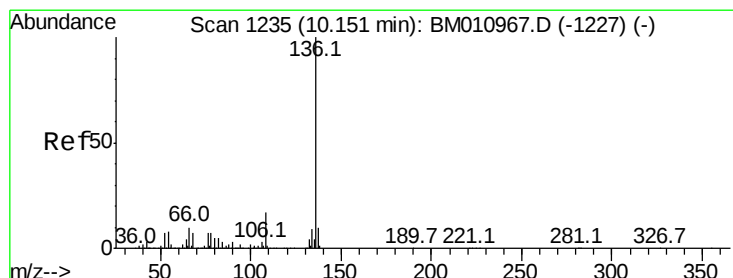
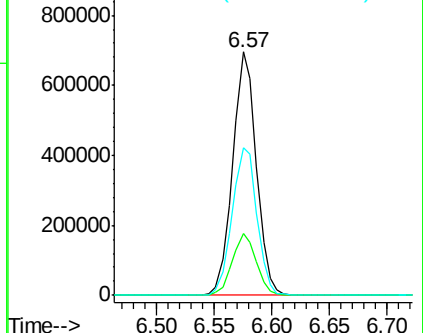
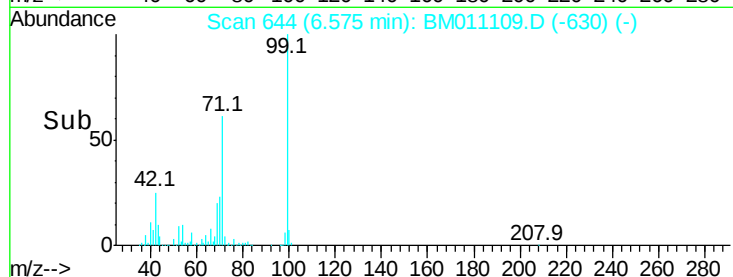
71 60.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011109.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011109.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011109.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.13 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BM011109.D

Acq: 03 Aug 2017 04:18

Tgt Ion: 136 Resp: 663005

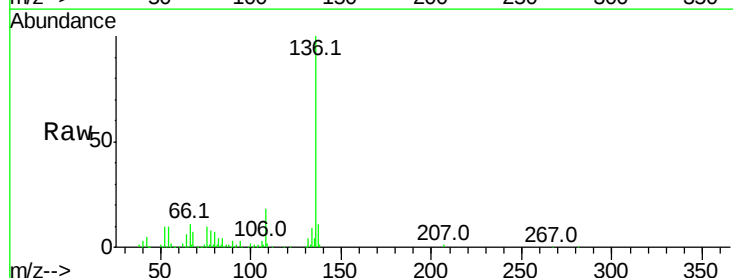
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.2 4.6 6.8#

68 7.0 3.7 5.5#

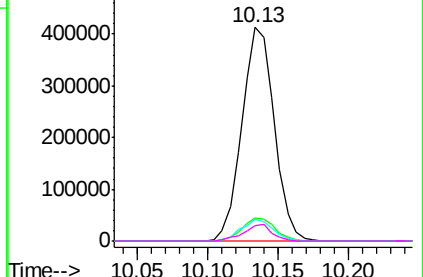
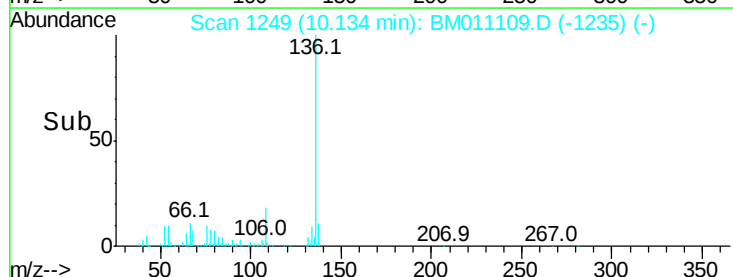


Abundance Ion 136.00 (135.70 to 136.70): BM011109.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011109.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011109.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011109.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 98.745 ng

RT: 8.53 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM011109.D

Acq: 03 Aug 2017 04:18

Instrument :

BNA_M

ClientSampleId :

72-11938

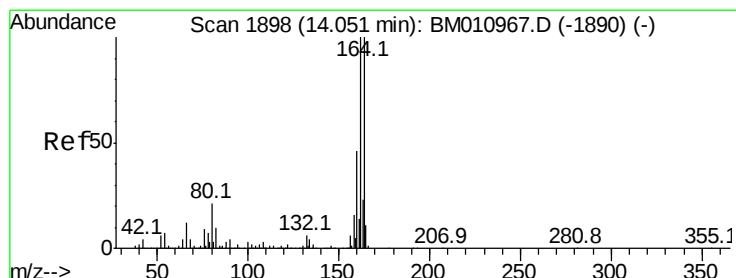
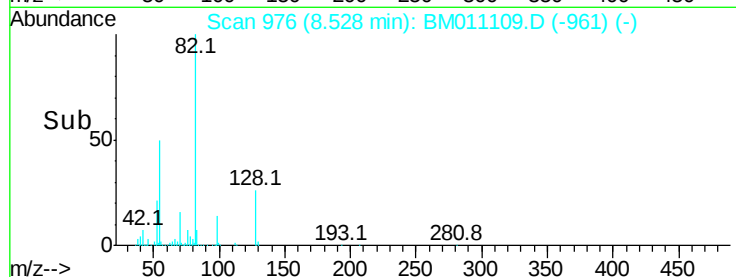
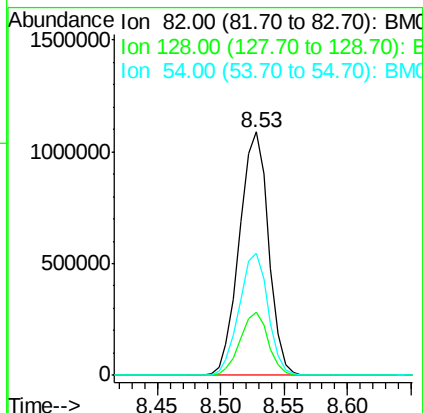
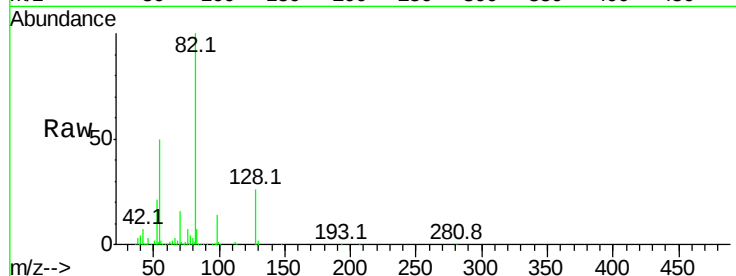
Tot Ion: 82 Resp: 1744363

Ion Ratio Lower Upper

82 100

128 25.7 32.8 49.2#

54 50.0 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.03 min Scan# 1912

Delta R.T. -0.02 min

Lab File: BM011109.D

Acq: 03 Aug 2017 04:18

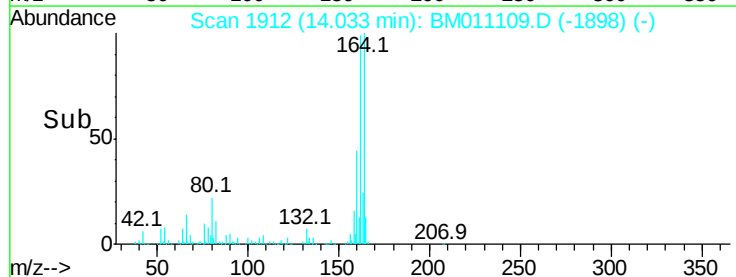
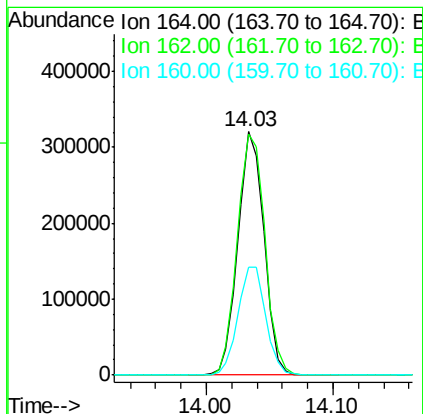
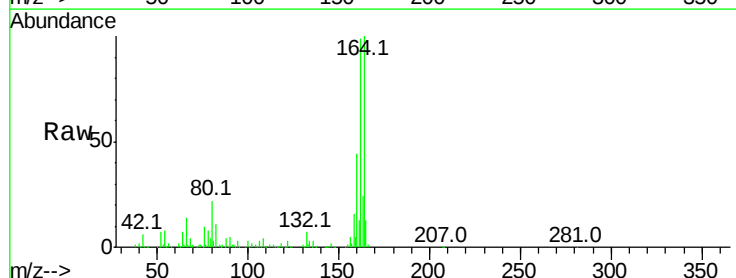
Tgt Ion:164 Resp: 454729

Ion Ratio Lower Upper

164 100

162 98.8 82.4 123.6

160 44.4 35.8 53.6

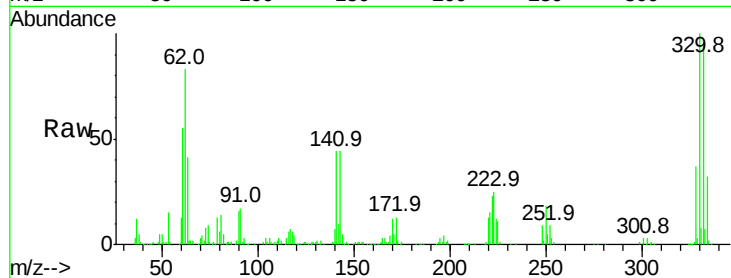




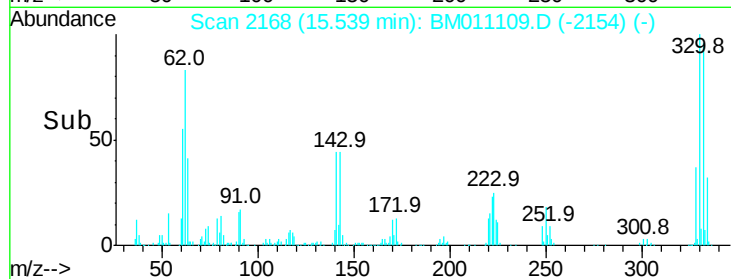
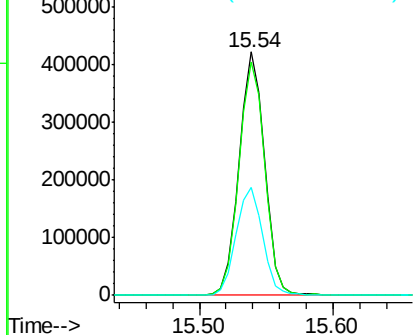
#41
 2,4,6-Tribromophenol
 Concen: 76.699 ng
 RT: 15.54 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM011109.D
 Acq: 03 Aug 2017 04:18

Instrument :
 BNA_M
 ClientSampled :
 72-11938

Tot Ion:330 Resp: 559008
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 46.6 0.0 0.0#

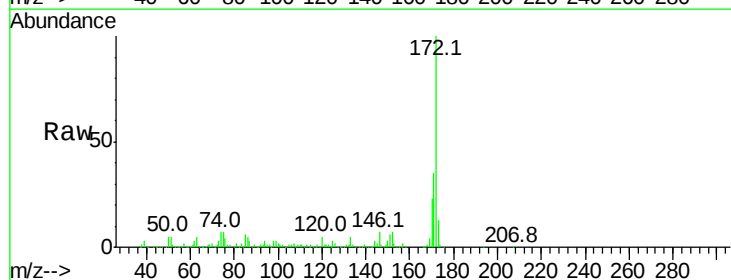


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

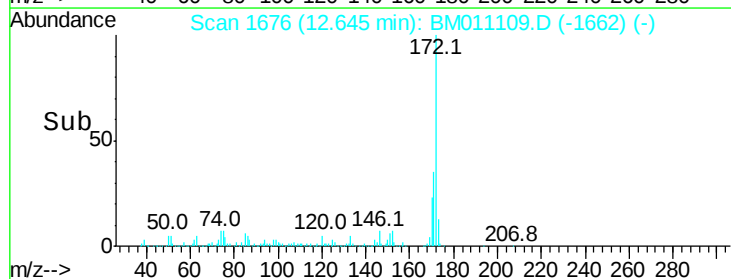
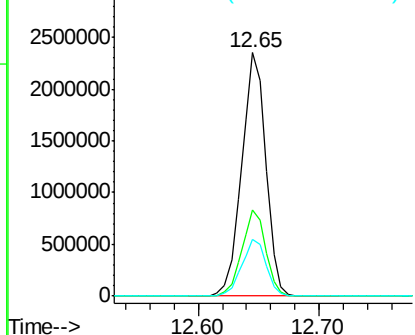


#44
 2-Fluorobiphenyl
 Concen: 90.539 ng
 RT: 12.65 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM011109.D
 Acq: 03 Aug 2017 04:18

Tgt Ion:172 Resp: 3282812
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.2 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

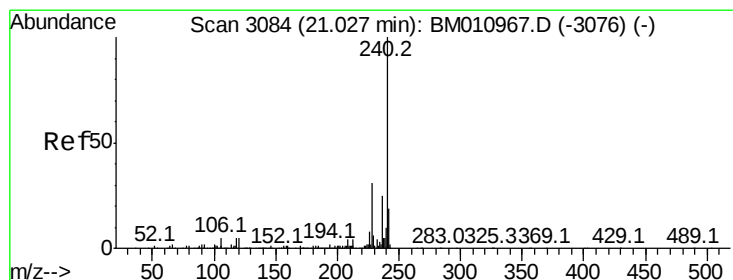
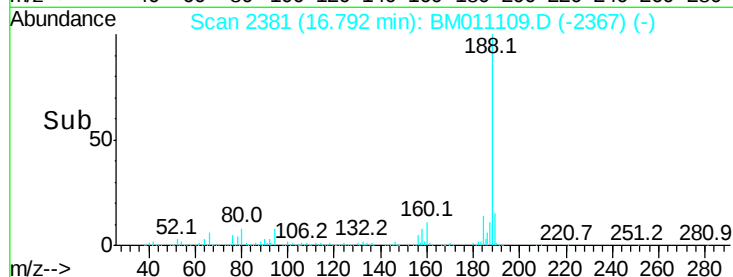
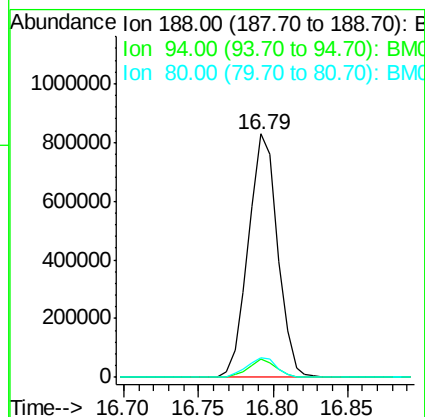
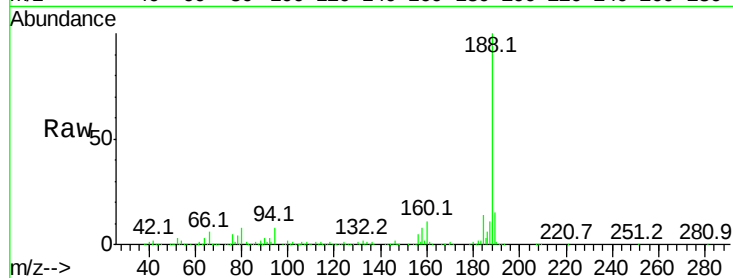




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.79 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM011109.D
Acq: 03 Aug 2017 04:18

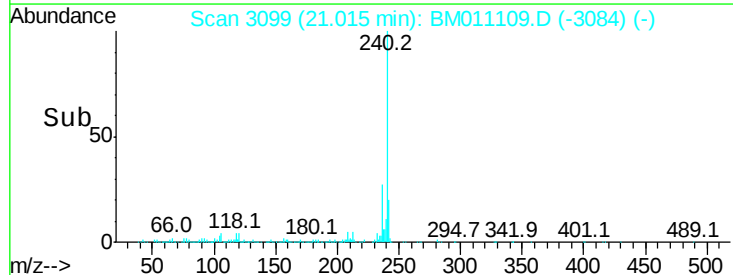
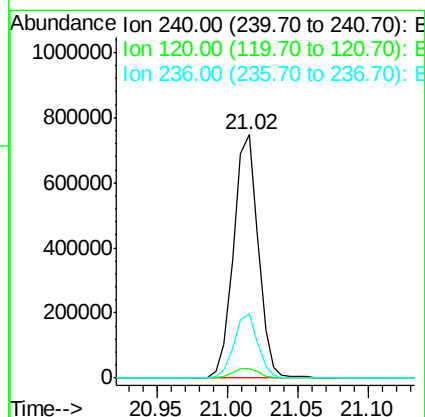
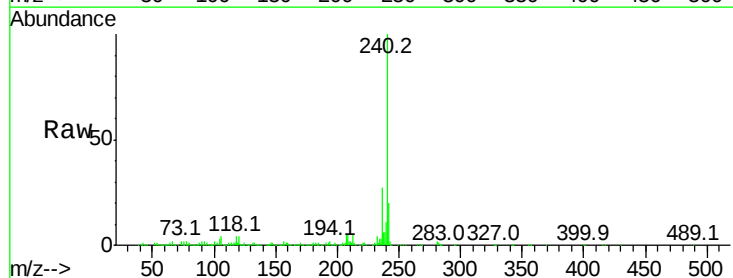
Instrument :
BNA_M
ClientSampled :
72-11938

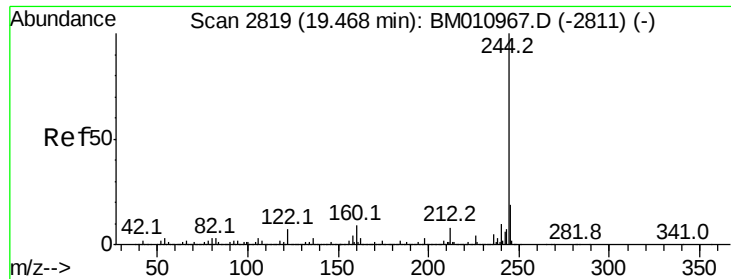
Tot Ion:188 Resp: 1119568
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 8.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011109.D
Acq: 03 Aug 2017 04:18

Tgt Ion:240 Resp: 913159
Ion Ratio Lower Upper
240 100
120 4.1 8.2 12.2#
236 26.6 20.0 30.0





#78

Terphenyl-d14

Concen: 102.542 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011109.D

Acq: 03 Aug 2017 04:18

Instrument :

BNA_M

ClientSampleId :

72-11938

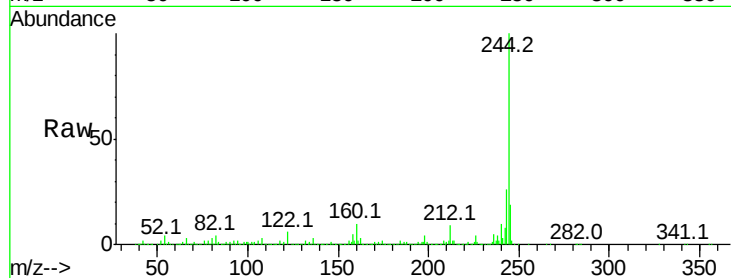
Tot Ion:244 Resp: 4727066

Ion Ratio Lower Upper

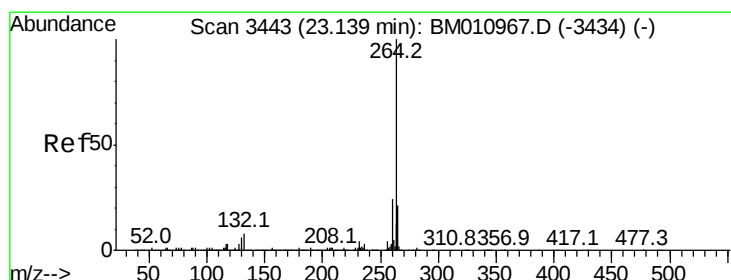
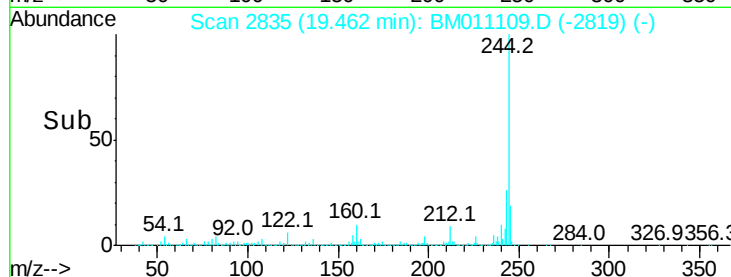
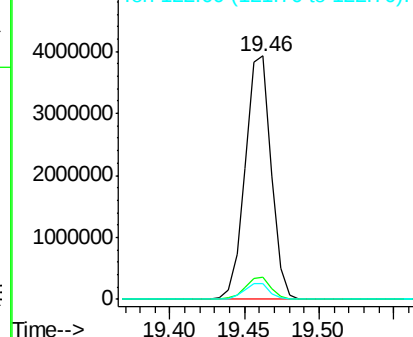
244 100

212 9.0 4.9 7.3#

122 6.3 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: 20.000 ng

RT: 23.12 min Scan# 3457

Delta R.T. -0.02 min

Lab File: BM011109.D

Acq: 03 Aug 2017 04:18

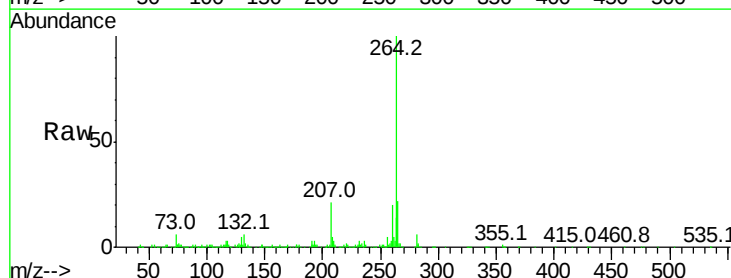
Tgt Ion:264 Resp: 763591

Ion Ratio Lower Upper

264 100

260 20.4 18.6 27.8

265 22.1 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

