

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011188.D
 Acq On : 09 Aug 2017 23:22
 Operator : SJ/JU
 Sample : I4657-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-080717-B

Quant Time: Aug 10 01:53:33 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	7.29	152	123850	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	422461	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	259970	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	641909	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	873383	20.00	ng	-0.08
86) Perylene-d12	23.02	264	884372	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1096928	149.72	ng	-0.09
7) Phenol-d6	6.50	99	1331405	127.90	ng	-0.09
23) Nitrobenzene-d5	8.45	82	1385643	123.10	ng	-0.09
41) 2,4,6-Tribromophenol	15.47	330	627770	150.66	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2236790	107.91	ng	-0.09
78) Terphenyl-d14	19.39	244	3890375	88.24	ng	-0.08

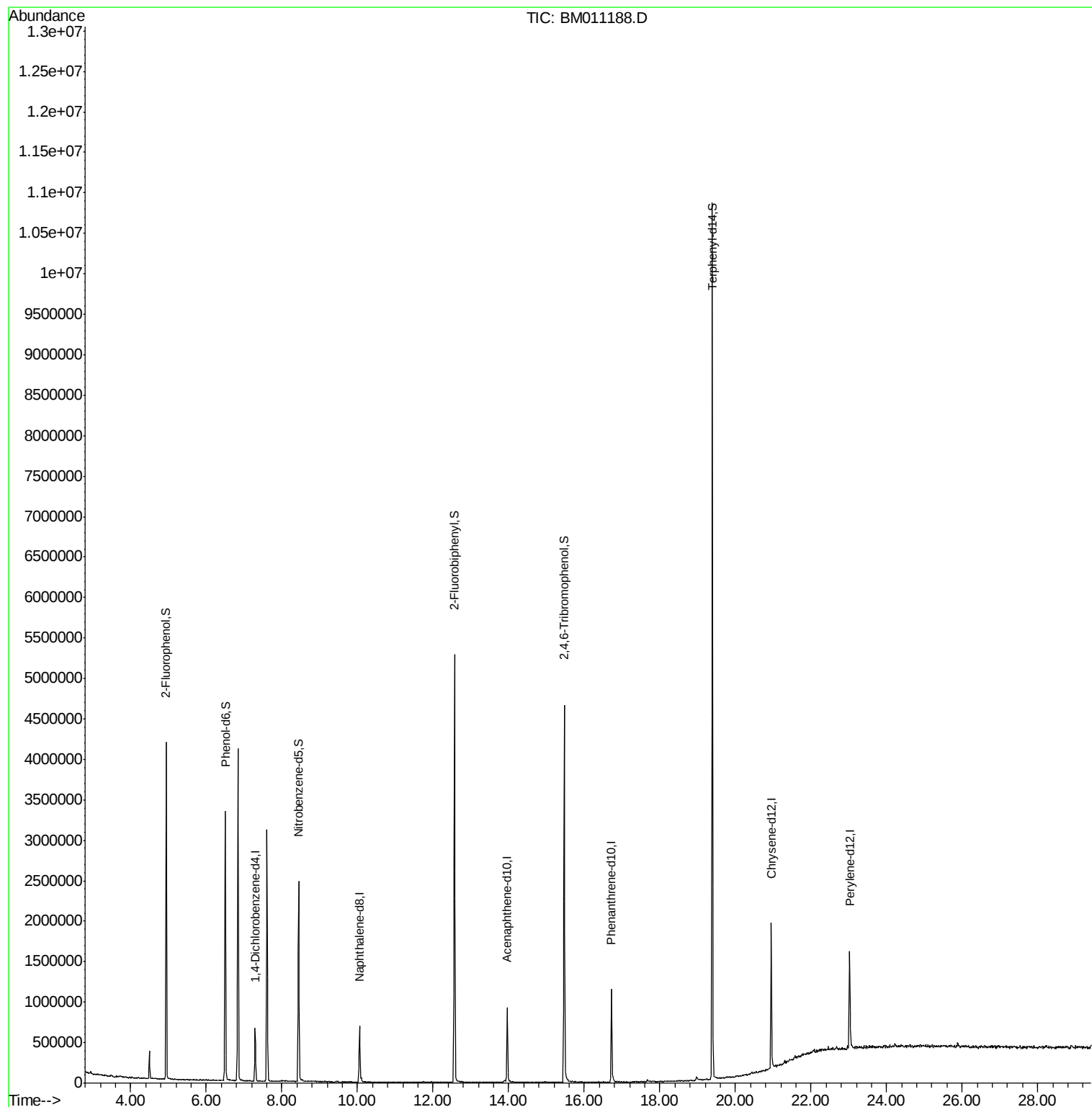
Target Compounds Qvalue

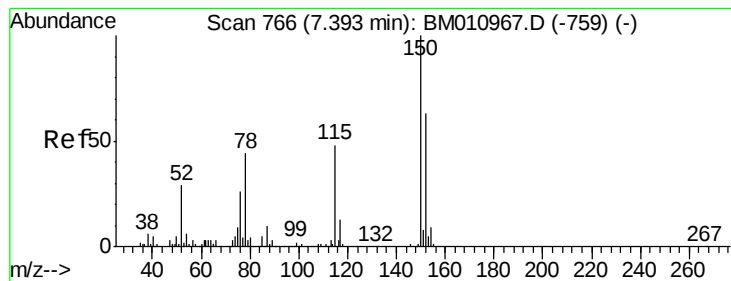
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 766

Delta R.T. -0.10 min

Lab File: BM011188.D

Acq: 09 Aug 2017 23:22

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-B

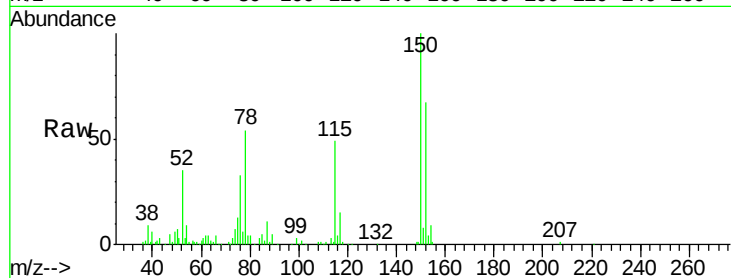
Tot Ion:152 Resp: 123850

Ion Ratio Lower Upper

152 100

150 150.0 119.5 179.3

115 72.8 43.0 64.4#

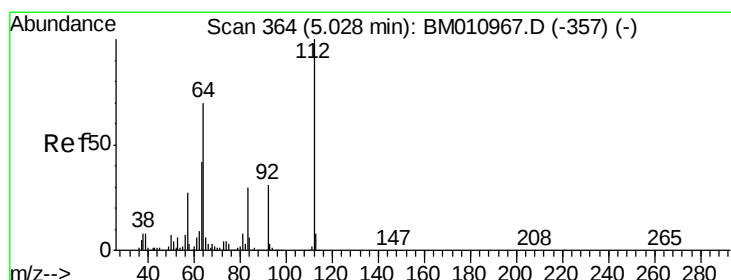
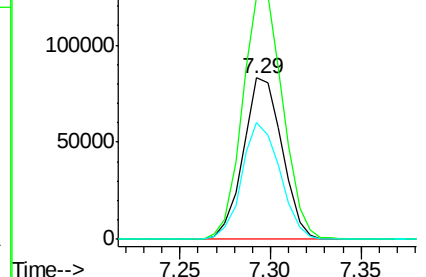
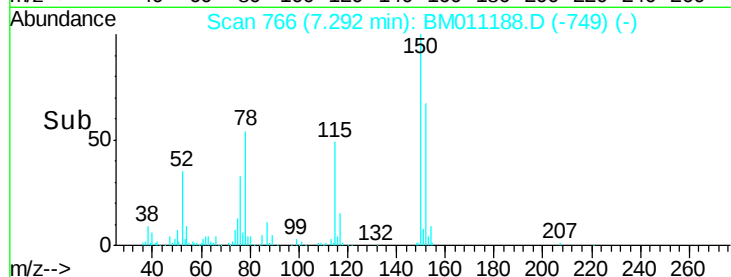


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.29



#5

2-Fluorophenol

Concen: 149.72 ng

RT: 4.94 min Scan# 366

Delta R.T. -0.09 min

Lab File: BM011188.D

Acq: 09 Aug 2017 23:22

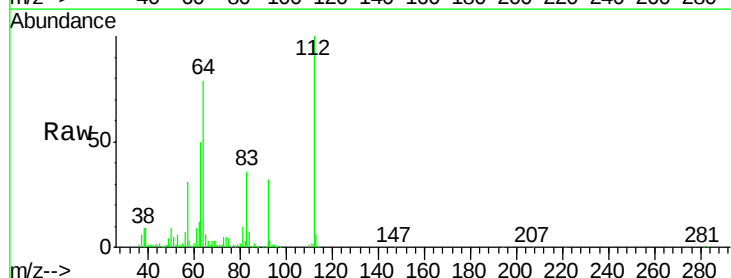
Tgt Ion:112 Resp: 1096928

Ion Ratio Lower Upper

112 100

64 78.9 38.6 57.8#

63 50.0 19.3 28.9#

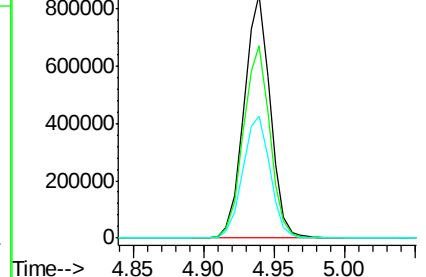
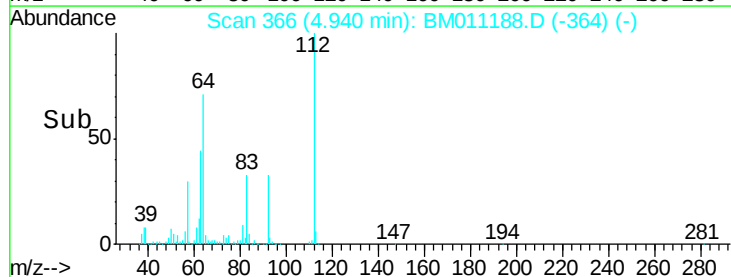


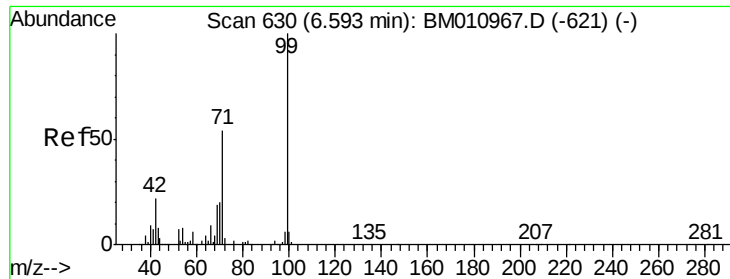
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM

4.94





#7

Phenol-d6

Concen: 127.90 ng

RT: 6.50 min Scan# 632

Delta R.T. -0.09 min

Lab File: BM011188.D

Acq: 09 Aug 2017 23:22

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-B

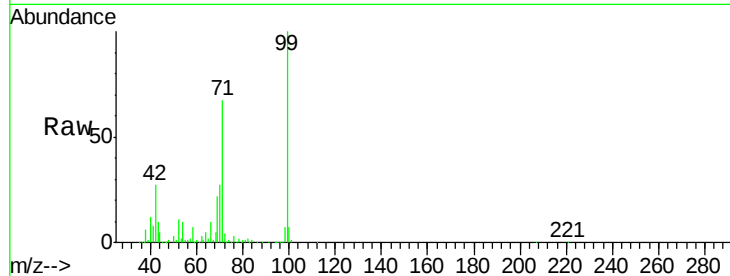
Tot Ion: 99 Resp: 1331405

Ion Ratio Lower Upper

99 100

42 27.2 11.0 16.4#

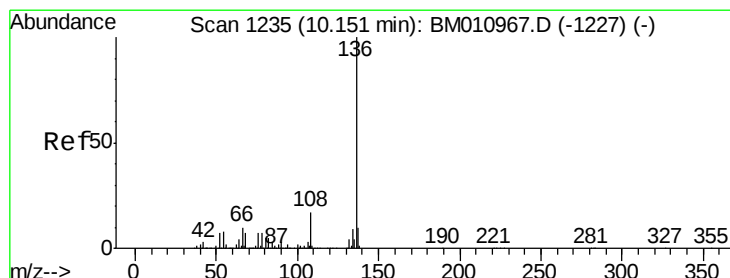
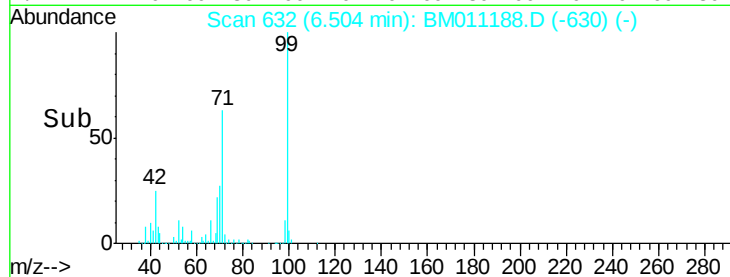
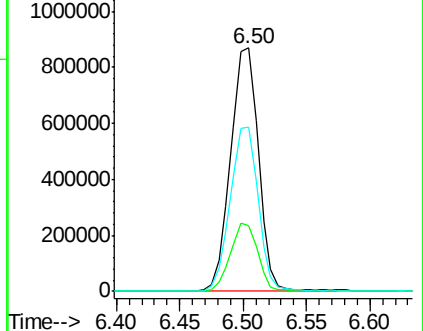
71 67.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011188.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011188.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011188.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011188.D

Acq: 09 Aug 2017 23:22

Tgt Ion: 136 Resp: 422461

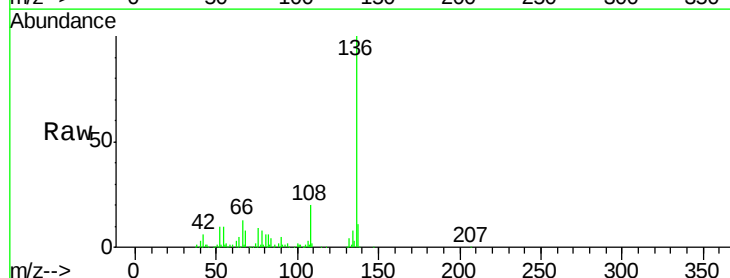
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.0 4.6 6.8#

68 8.1 3.7 5.5#

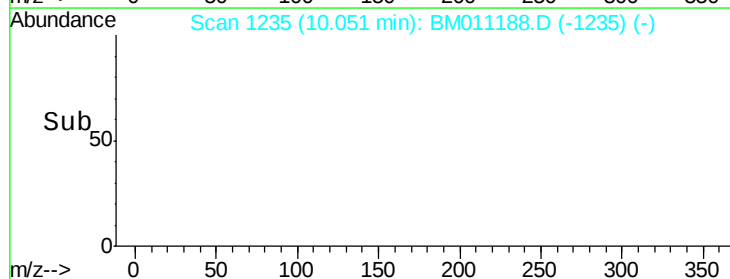
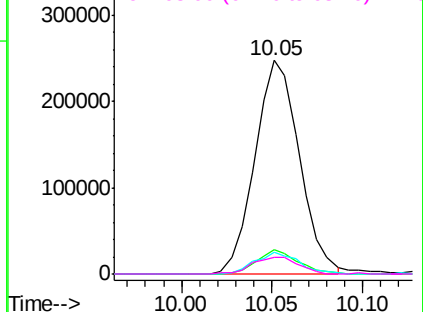


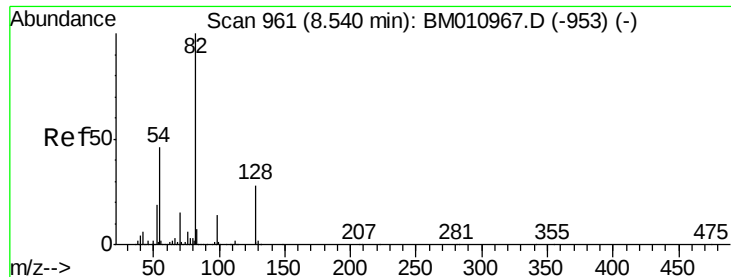
Abundance Ion 136.00 (135.70 to 136.70): BM011188.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011188.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011188.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011188.D (-1235) (-)

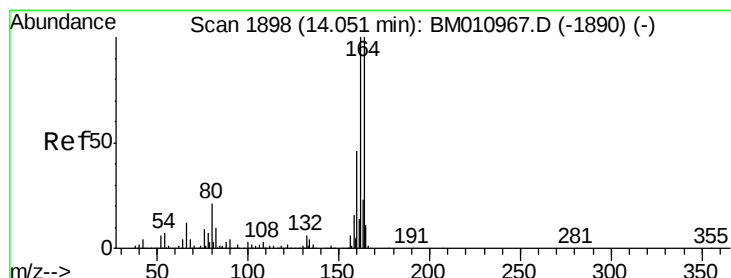
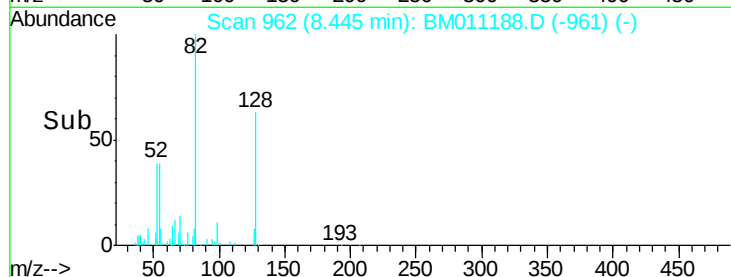
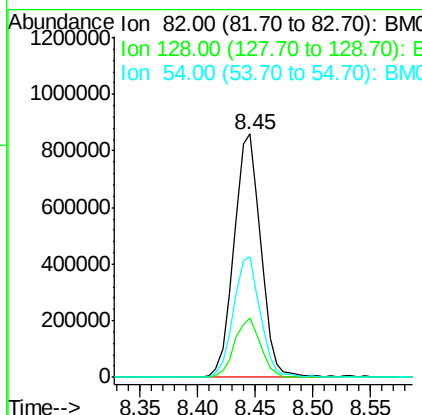
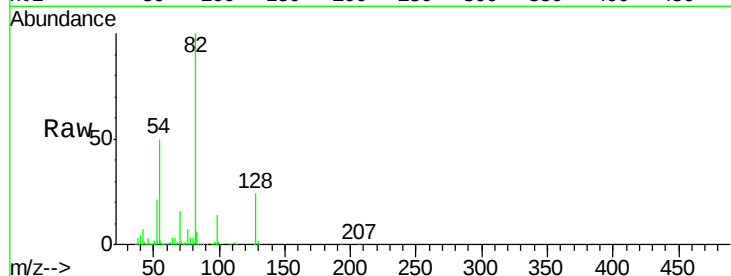




#23
 Nitrobenzene-d5
 Concen: 123.10 ng
 RT: 8.45 min Scan# 962
 Delta R.T. -0.09 min
 Lab File: BM011188.D
 Acq: 09 Aug 2017 23:22

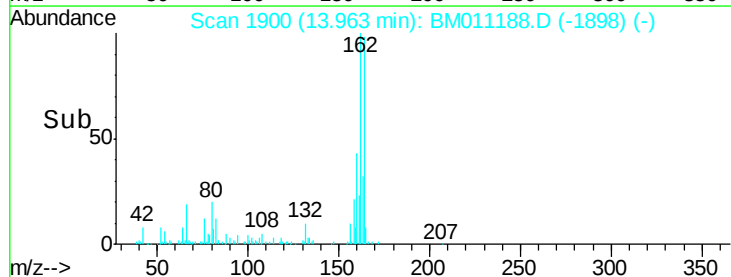
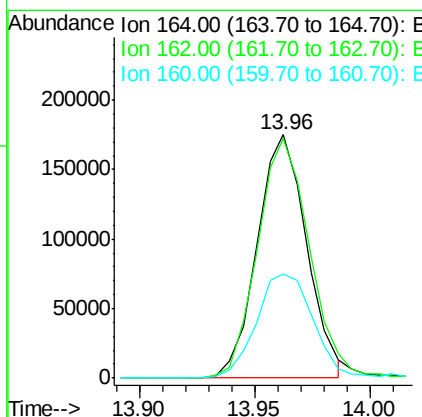
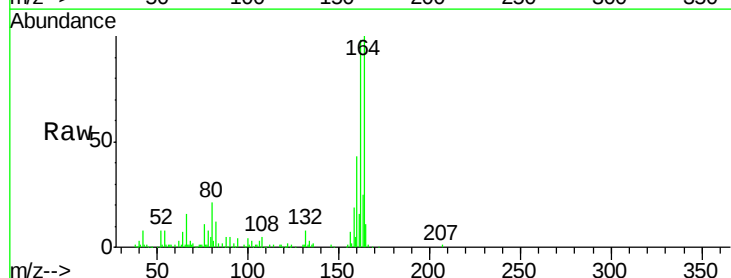
Instrument :
 BNA_M
 ClientSampleId :
 CL-01-080717-B

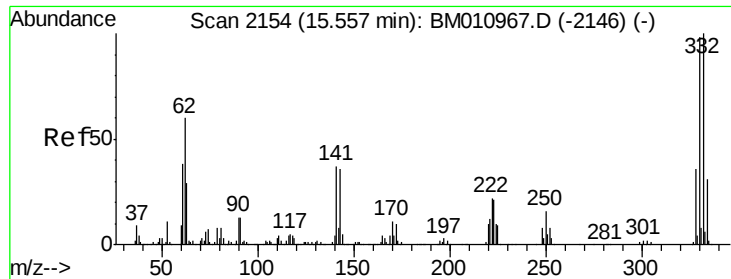
Tot Ion: 82 Resp: 1385643
 Ion Ratio Lower Upper
 82 100
 128 24.3 32.8 49.2#
 54 49.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1900
 Delta R.T. -0.09 min
 Lab File: BM011188.D
 Acq: 09 Aug 2017 23:22

Tgt Ion:164 Resp: 259970
 Ion Ratio Lower Upper
 164 100
 162 98.3 82.4 123.6
 160 42.6 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 150.66 ng

RT: 15.47 min Scan# 2156

Delta R.T. -0.09 min

Lab File: BM011188.D

Acq: 09 Aug 2017 23:22

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-B

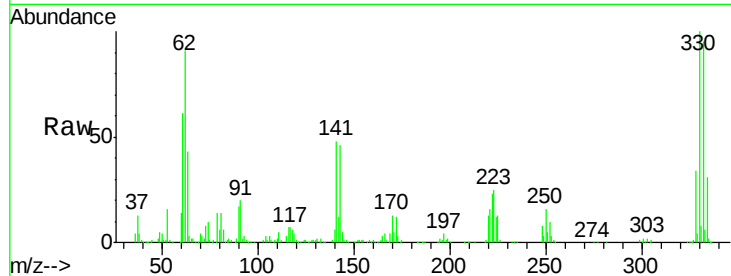
Tot Ion:330 Resp: 627770

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

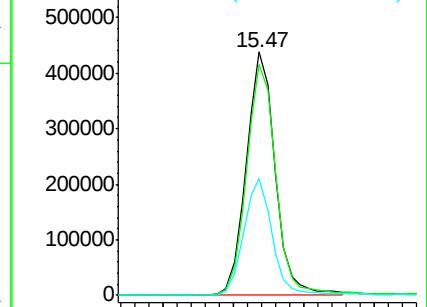
141 46.9 0.0 0.0#



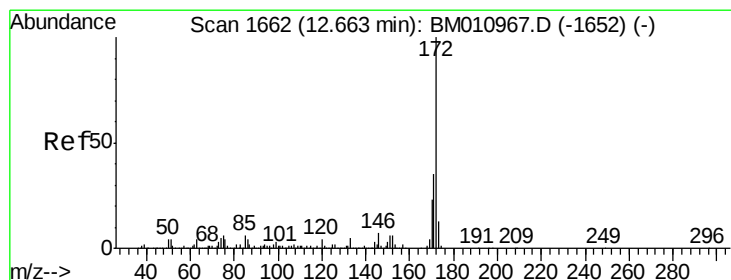
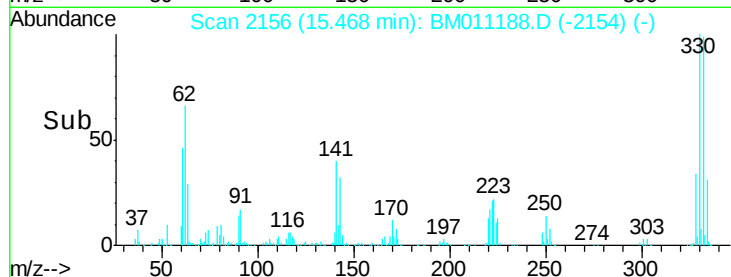
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#44

2-Fluorobiphenyl

Concen: 107.91 ng

RT: 12.57 min Scan# 1663

Delta R.T. -0.09 min

Lab File: BM011188.D

Acq: 09 Aug 2017 23:22

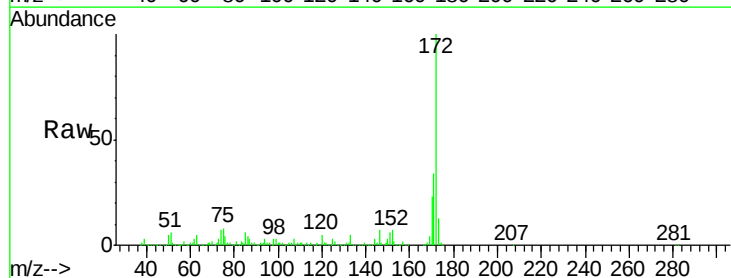
Tgt Ion:172 Resp: 2236790

Ion Ratio Lower Upper

172 100

171 34.4 28.5 42.7

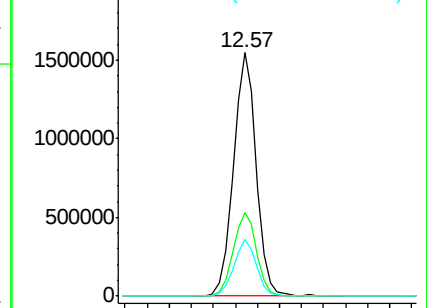
170 23.3 18.8 28.2



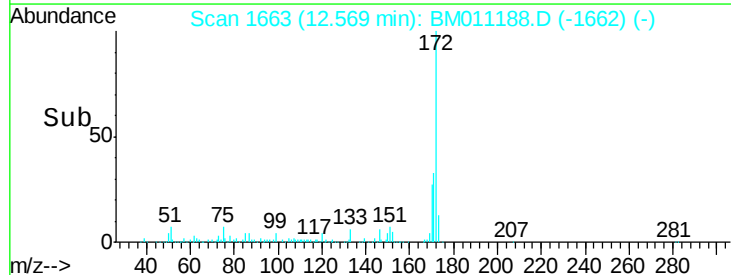
Abundance Ion 172.00 (171.70 to 172.70): E

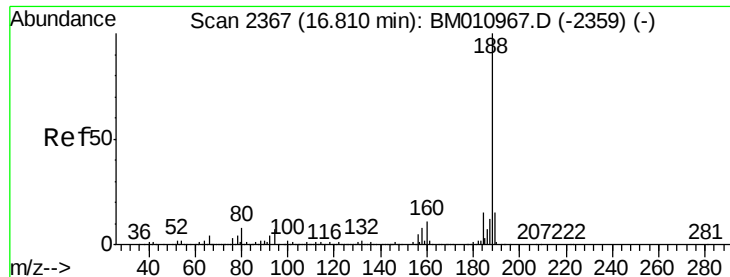
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.72 min Scan# 2369

Delta R.T. -0.09 min

Lab File: BM011188.D

Acq: 09 Aug 2017 23:22

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-B

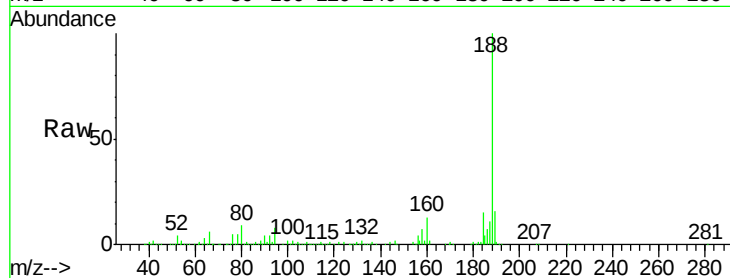
Tot Ion:188 Resp: 641909

Ion Ratio Lower Upper

188 100

94 8.3 8.7 13.1#

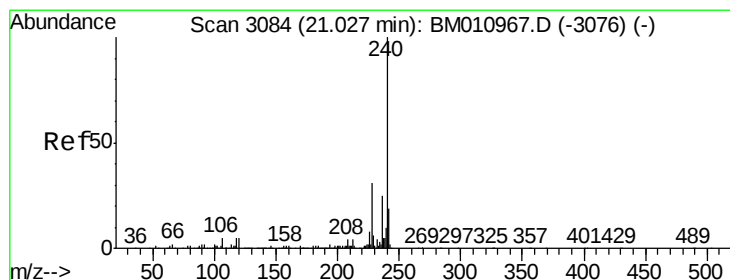
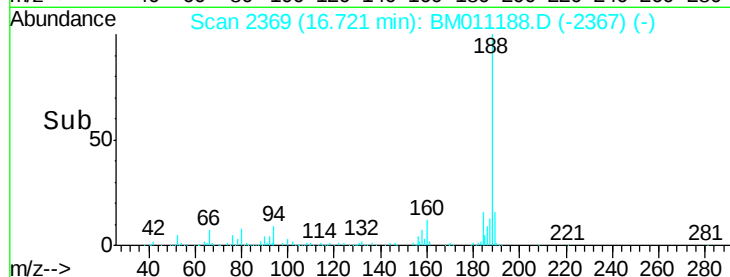
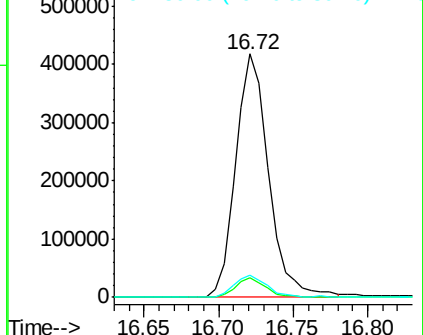
80 9.3 9.3 13.9



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: 20.94 min Scan# 3087

Delta R.T. -0.08 min

Lab File: BM011188.D

Acq: 09 Aug 2017 23:22

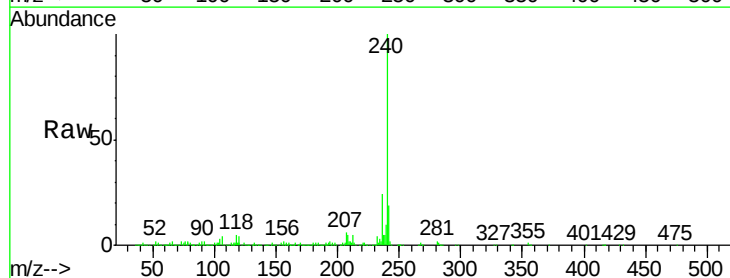
Tgt Ion:240 Resp: 873383

Ion Ratio Lower Upper

240 100

120 4.1 8.2 12.2#

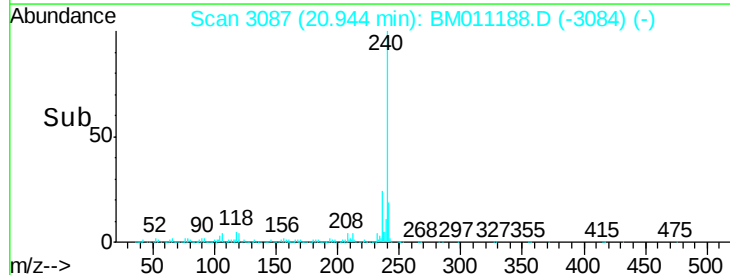
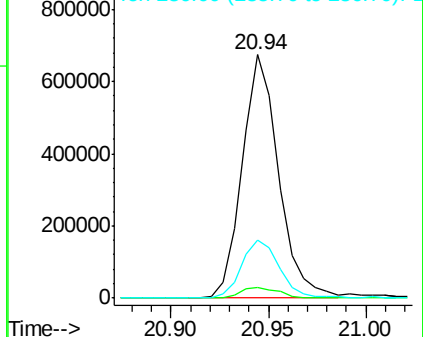
236 24.1 20.0 30.0

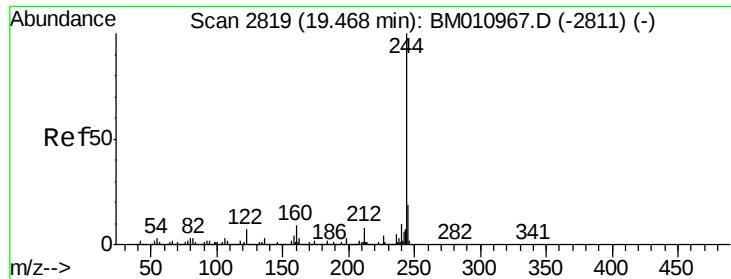


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.24 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011188.D

Acq: 09 Aug 2017 23:22

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CL-01-080717-B

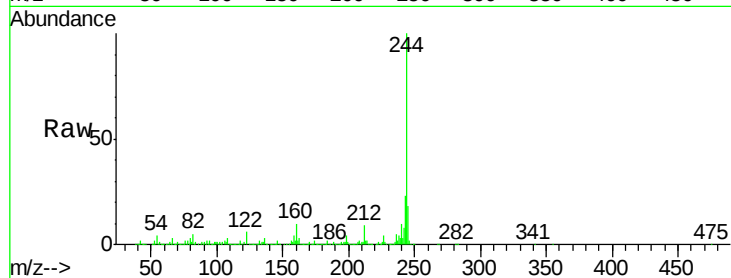
Tot Ion:244 Resp: 3890375

Ion Ratio Lower Upper

244 100

212 8.9 4.9 7.3#

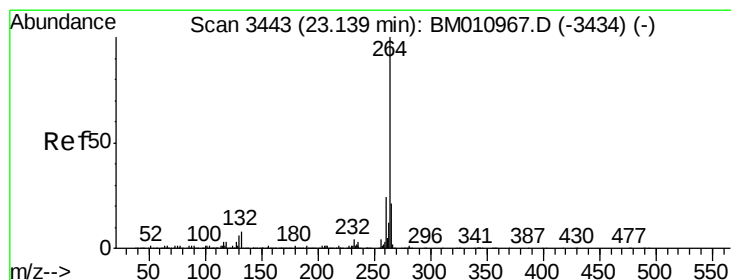
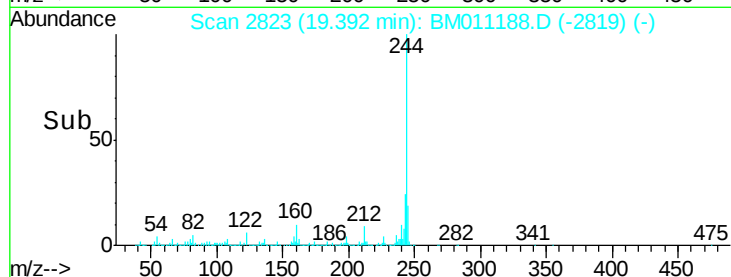
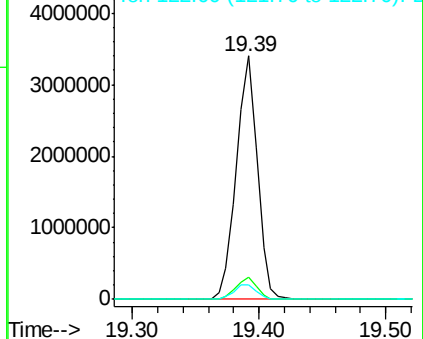
122 6.1 6.2 9.4#



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: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011188.D

Acq: 09 Aug 2017 23:22

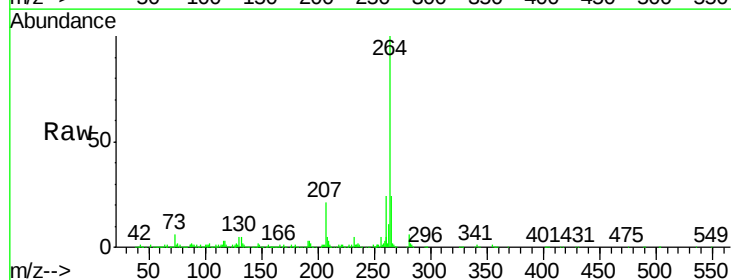
Tgt Ion:264 Resp: 884372

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 23.9 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

