

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\
 Data File : BM011200.D
 Acq On : 11 Aug 2017 14:28
 Operator : SJ/JU
 Sample : I4589-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2AVE-05

Quant Time: Aug 11 16:12:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 16:03:35 2017
 Response via : Initial Calibration

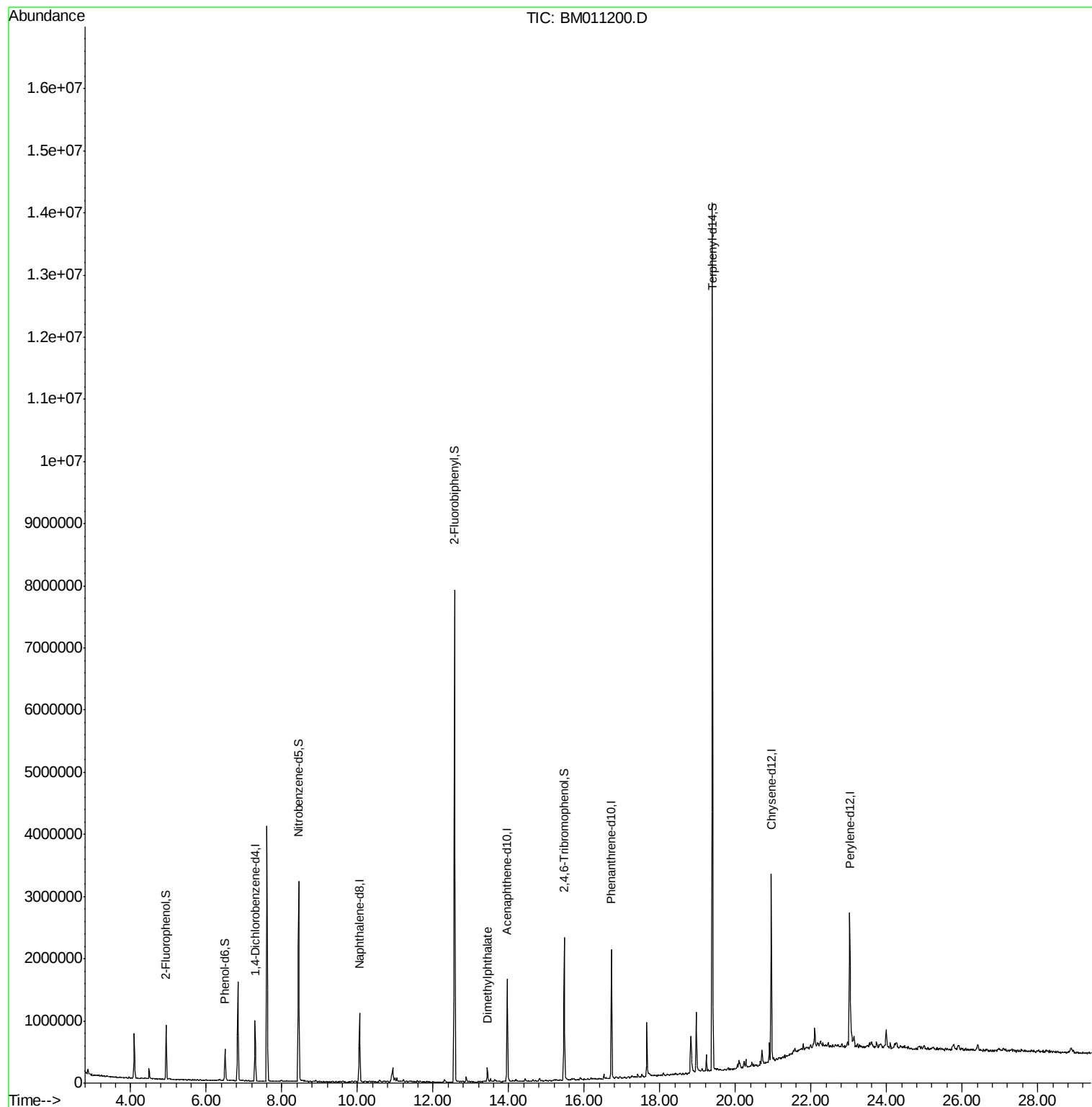
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	186029	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	661596	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	444152	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	1064697	20.00	ng	0.00
75) Chrysene-d12	20.95	240	1482852	20.00	ng	0.00
86) Perylene-d12	23.03	264	1427718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	232900	21.16	ng	0.00
7) Phenol-d6	6.50	99	216356	13.84	ng	0.00
23) Nitrobenzene-d5	8.45	82	1858953	105.46	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	328567	46.15	ng	0.00
44) 2-Fluorobiphenyl	12.57	172	3251998	91.83	ng	0.00
78) Terphenyl-d14	19.39	244	5117291	68.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.44	163	112431	2.959	ng	Qvalue 97

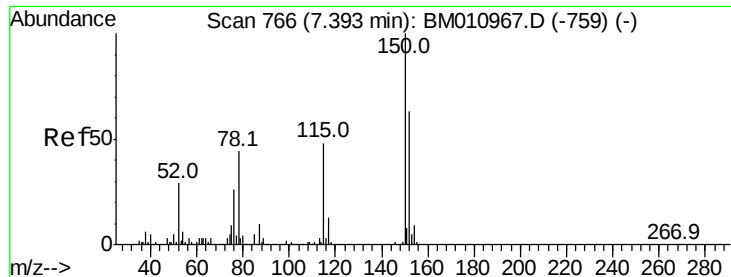
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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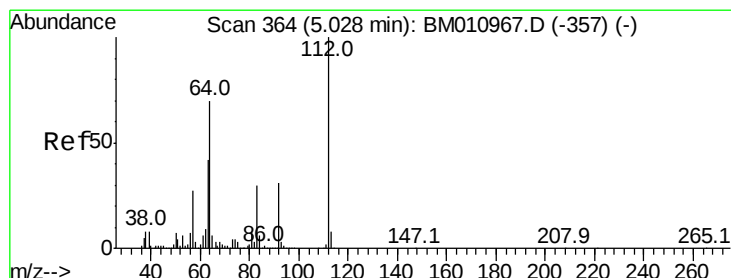
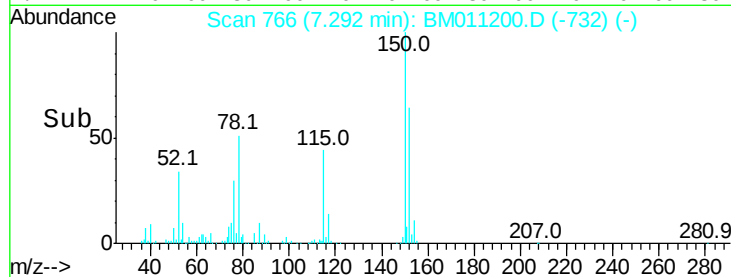
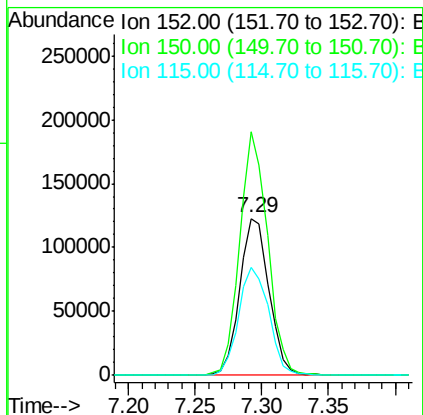
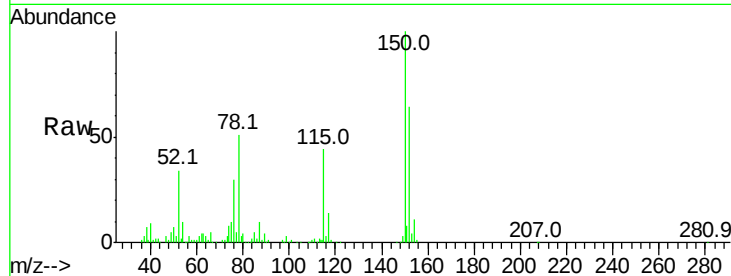


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.00 min
Lab File: BM011200.D
Acq: 11 Aug 2017 14:28

Instrument :
BNA_M
ClientSampled :
2AVE-05

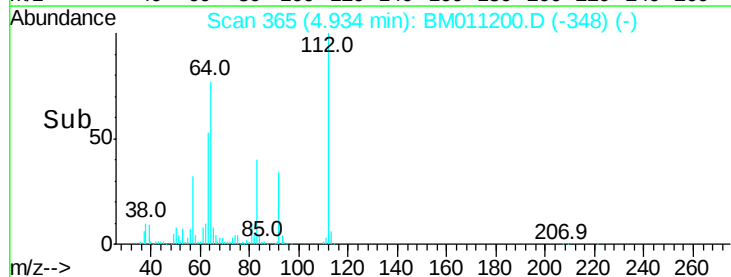
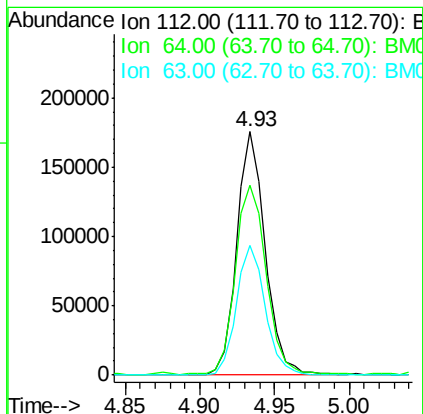
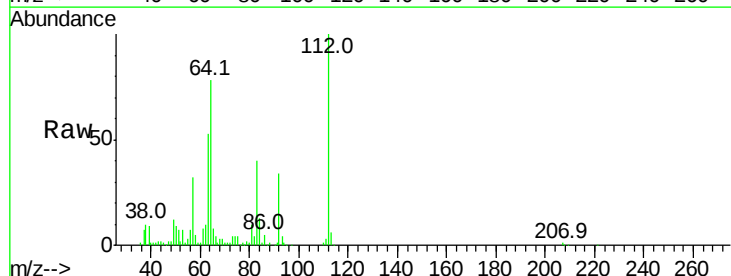
Tot Ion:152 Resp: 186029
Ion Ratio Lower Upper
152 100
150 155.2 119.5 179.3
115 68.4 43.0 64.4#

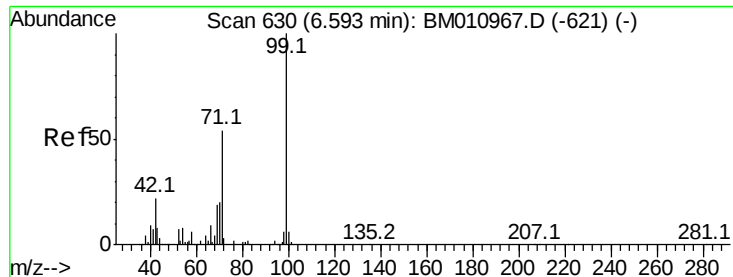


#5

2-Fluorophenol
Concen: 21.164 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.00 min
Lab File: BM011200.D
Acq: 11 Aug 2017 14:28

Tgt Ion:112 Resp: 232900
Ion Ratio Lower Upper
112 100
64 77.8 38.6 57.8#
63 53.1 19.3 28.9#





#7

Phenol-d6

Concen: 13.837 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.00 min

Lab File: BM011200.D

Acq: 11 Aug 2017 14:28

Instrument :

BNA_M

ClientSampleId :

2AVE-05

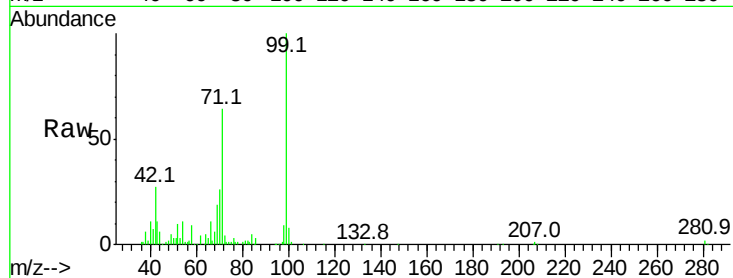
Tot Ion: 99 Resp: 216356

Ion Ratio Lower Upper

99 100

42 27.0 11.0 16.4#

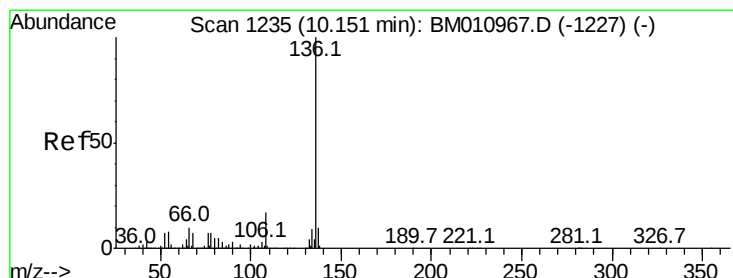
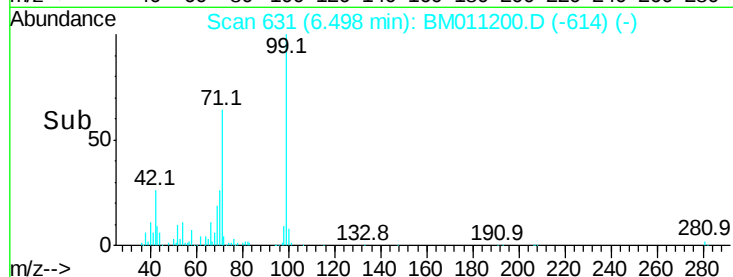
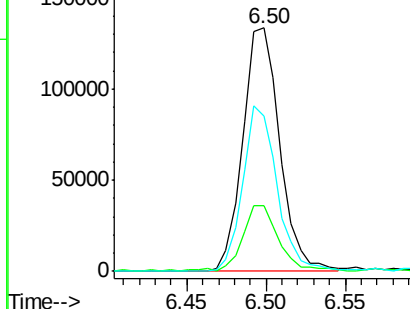
71 63.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011200.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM011200.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM011200.D (-614) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BM011200.D

Acq: 11 Aug 2017 14:28

Tgt Ion: 136 Resp: 661596

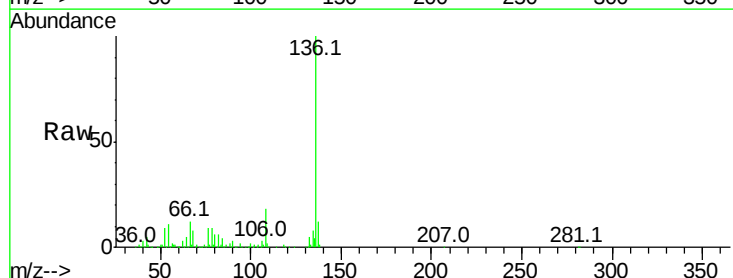
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 10.6 4.6 6.8#

68 7.9 3.7 5.5#

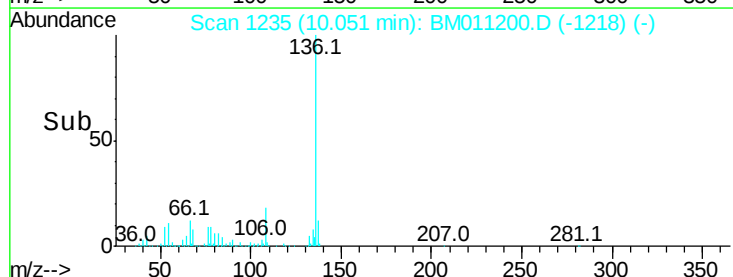
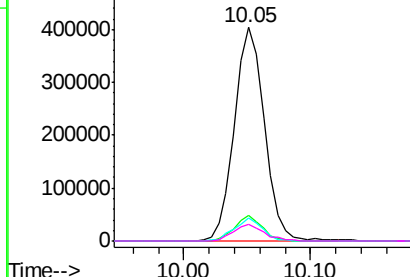


Abundance Ion 136.00 (135.70 to 136.70): BM011200.D (-1218) (-)

Ion 137.00 (136.70 to 137.70): BM011200.D (-1218) (-)

Ion 54.00 (53.70 to 54.70): BM011200.D (-1218) (-)

Ion 68.00 (67.70 to 68.70): BM011200.D (-1218) (-)





#23

Nitrobenzene-d5

Concen: 105.456 ng

RT: 8.45 min Scan# 962

Delta R.T. -0.00 min

Lab File: BM011200.D

Acq: 11 Aug 2017 14:28

Instrument :

BNA_M

ClientSampleId :

2AVE-05

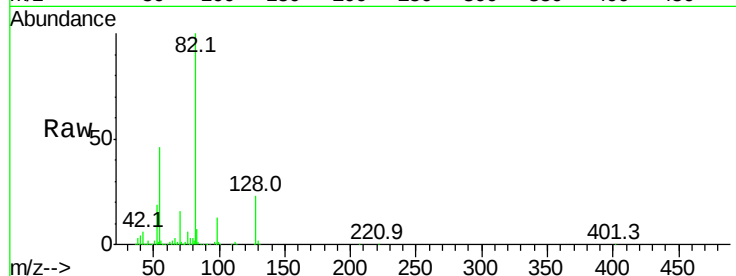
Tot Ion: 82 Resp: 1858953

Ion Ratio Lower Upper

82 100

128 22.6 32.8 49.2#

54 46.1 40.6 60.8

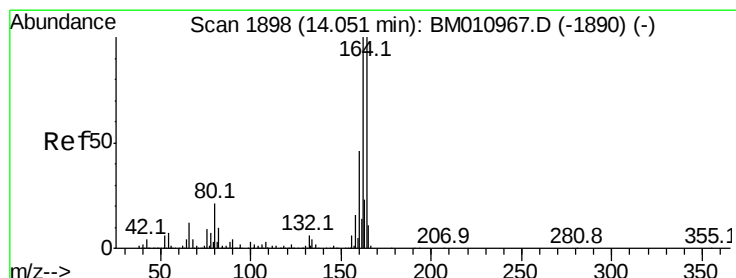
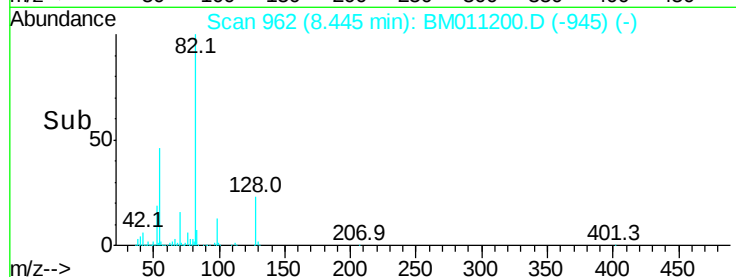


Abundance Ion 82.00 (81.70 to 82.70): BM011200.D (-945) (-)

Ion 128.00 (127.70 to 128.70): BM011200.D (-945) (-)

Ion 54.00 (53.70 to 54.70): BM011200.D (-945) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BM011200.D

Acq: 11 Aug 2017 14:28

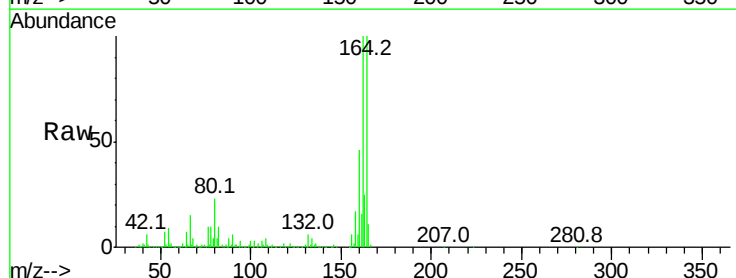
Tgt Ion:164 Resp: 444152

Ion Ratio Lower Upper

164 100

162 100.2 82.4 123.6

160 45.8 35.8 53.6

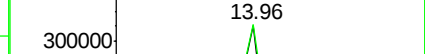
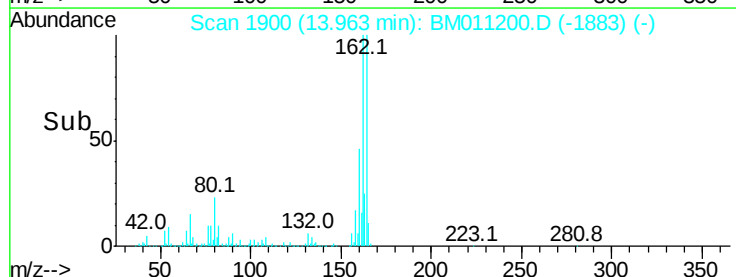


Abundance Ion 164.00 (163.70 to 164.70): BM011200.D (-1883) (-)

Ion 162.00 (161.70 to 162.70): BM011200.D (-1883) (-)

Ion 160.00 (159.70 to 160.70): BM011200.D (-1883) (-)

Time-->





#41

2,4,6-Tribromophenol

Concen: 46.155 ng

RT: 15.47 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BM011200.D

Acq: 11 Aug 2017 14:28

Instrument :

BNA_M

ClientSampleId :

2AVE-05

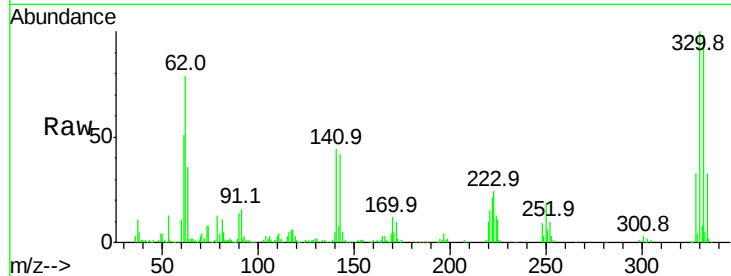
Tot Ion:330 Resp: 328567

Ion Ratio Lower Upper

330 100

332 94.0 0.0 0.0#

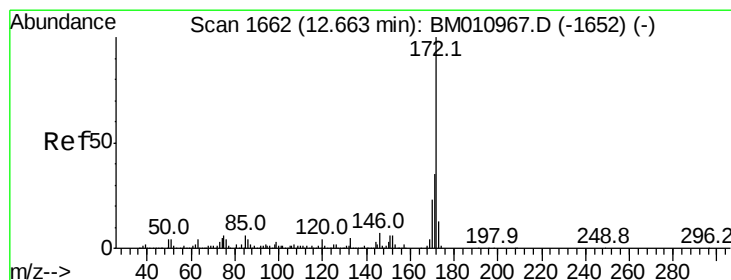
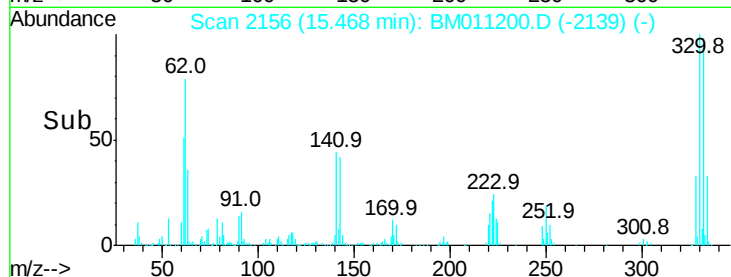
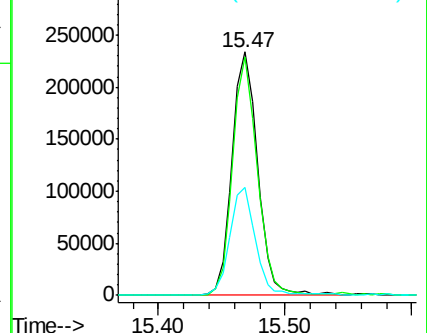
141 43.4 0.0 0.0#



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: 91.825 ng

RT: 12.57 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BM011200.D

Acq: 11 Aug 2017 14:28

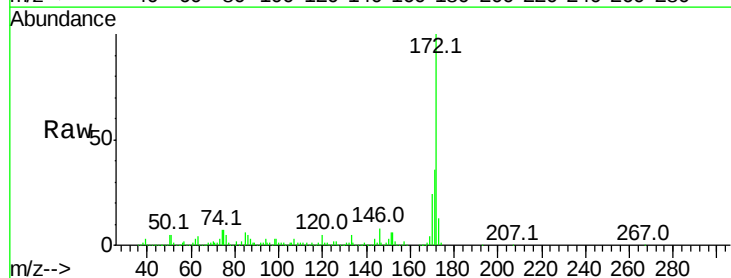
Tgt Ion:172 Resp: 3251998

Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

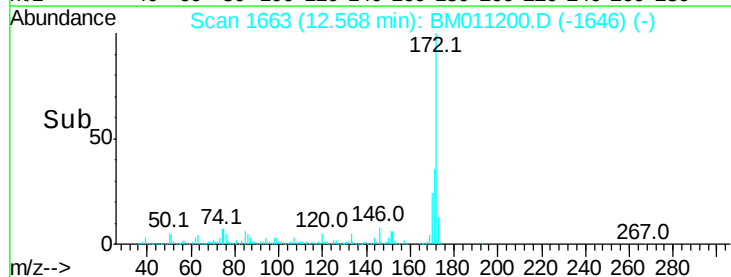
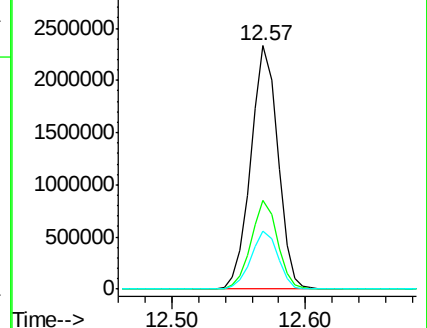
170 24.0 18.8 28.2

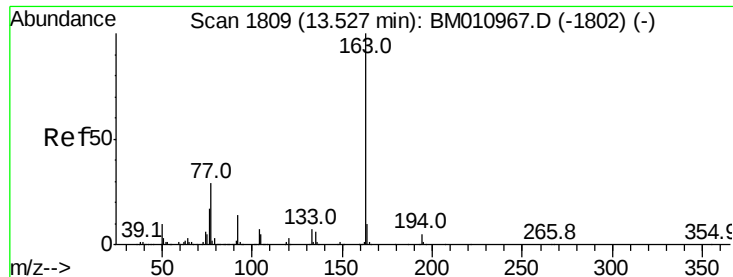


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

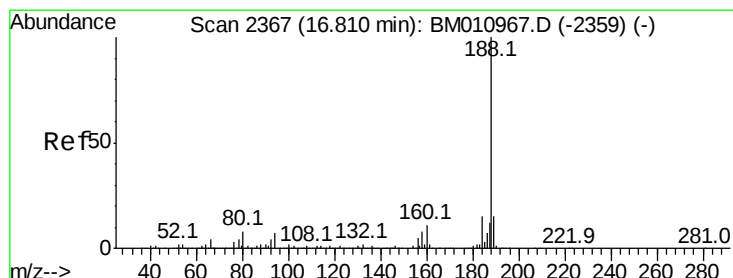
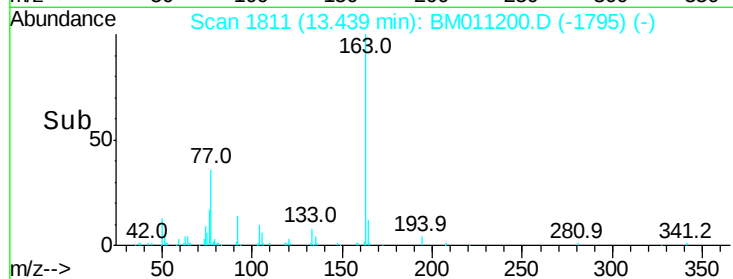
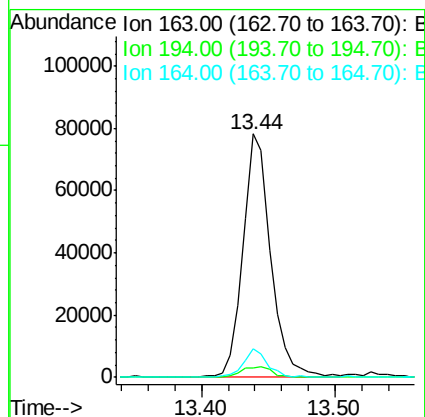
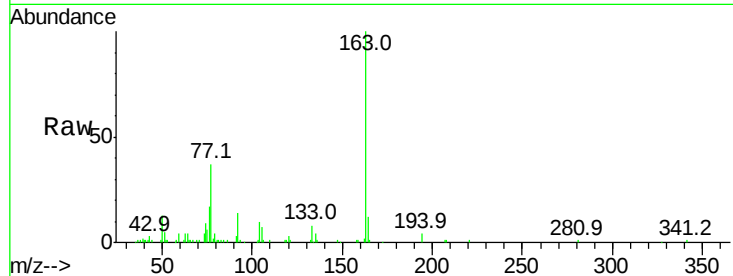




#49
Dimethylphthalate
Concen: 2.959 ng
RT: 13.44 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BM011200.D
Acq: 11 Aug 2017 14:28

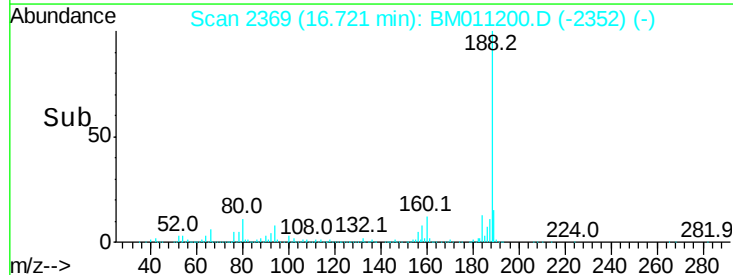
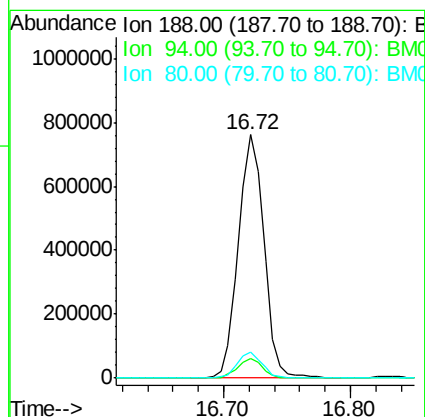
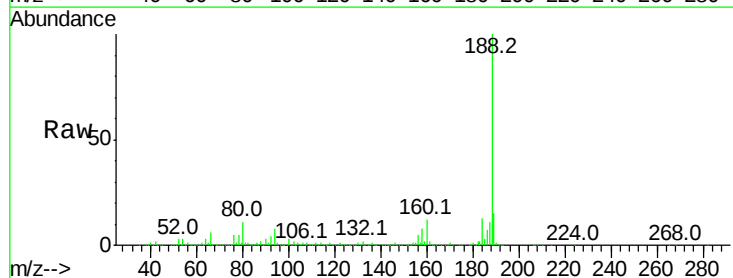
Instrument :
BNA_M
ClientSampleId :
2AVE-05

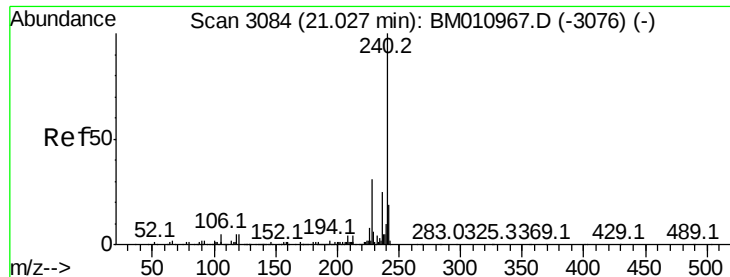
Tot Ion:163 Resp: 112431
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.7 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BM011200.D
Acq: 11 Aug 2017 14:28

Tgt Ion:188 Resp: 1064697
Ion Ratio Lower Upper
188 100
94 8.3 8.7 13.1#
80 10.6 9.3 13.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.95 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BM011200.D

Acq: 11 Aug 2017 14:28

Instrument :

BNA_M

ClientSampleId :

2AVE-05

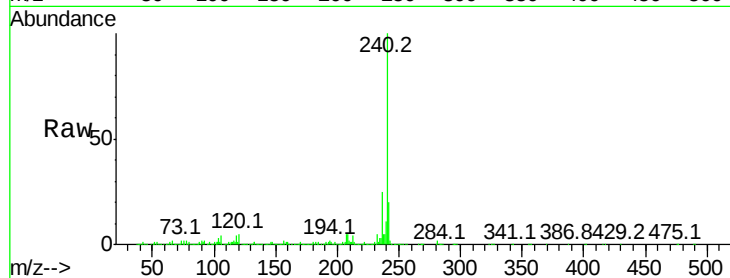
Tot Ion:240 Resp: 1482852

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

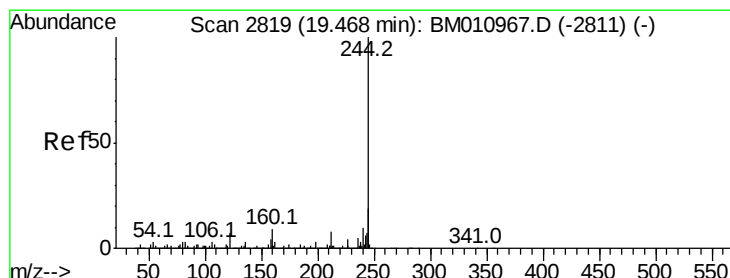
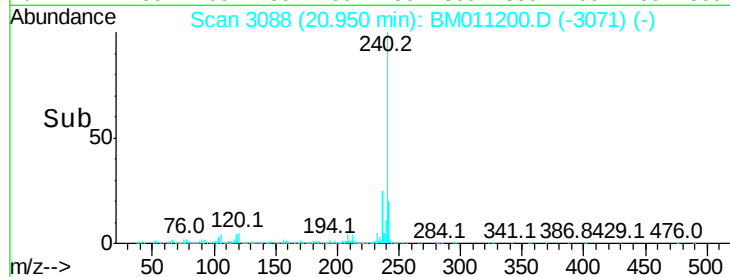
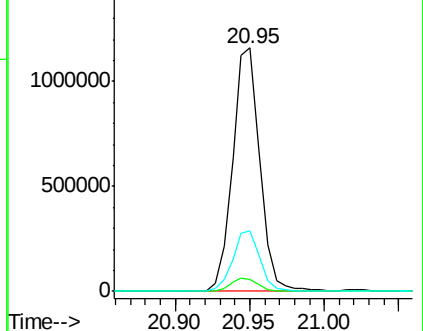
236 24.9 20.0 30.0



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: 68.359 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM011200.D

Acq: 11 Aug 2017 14:28

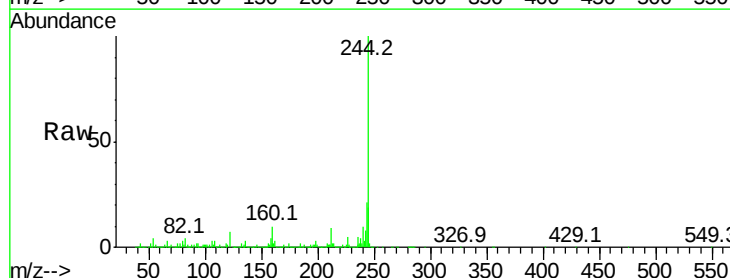
Tgt Ion:244 Resp: 5117291

Ion Ratio Lower Upper

244 100

212 8.8 4.9 7.3#

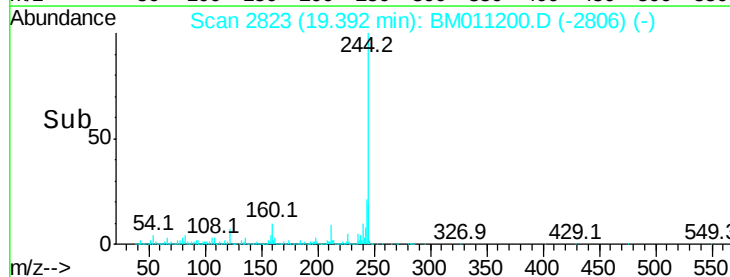
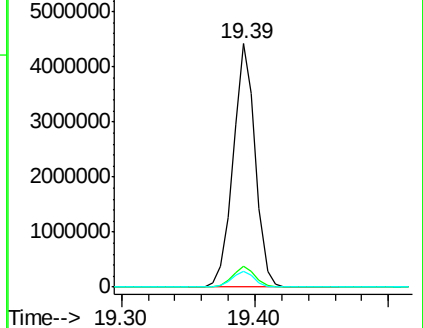
122 6.7 6.2 9.4

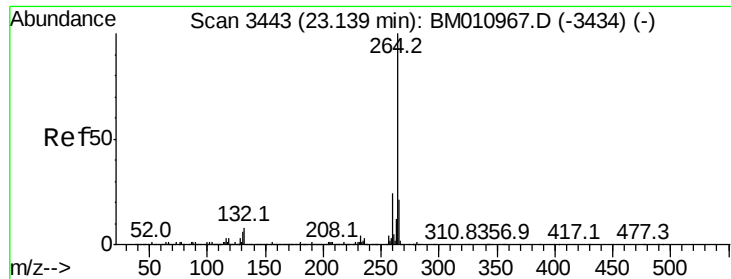


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.03 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM011200.D
Acq: 11 Aug 2017 14:28

Instrument :
BNA_M
ClientSampleId :
2AVE-05

Tot Ion:264 Resp: 1427718

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.4	17.3	25.9

