

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081217\
 Data File : BM011215.D
 Acq On : 12 Aug 2017 12:31
 Operator : SJ/JU
 Sample : I4699-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-080917

Quant Time: Aug 14 04:17:42 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

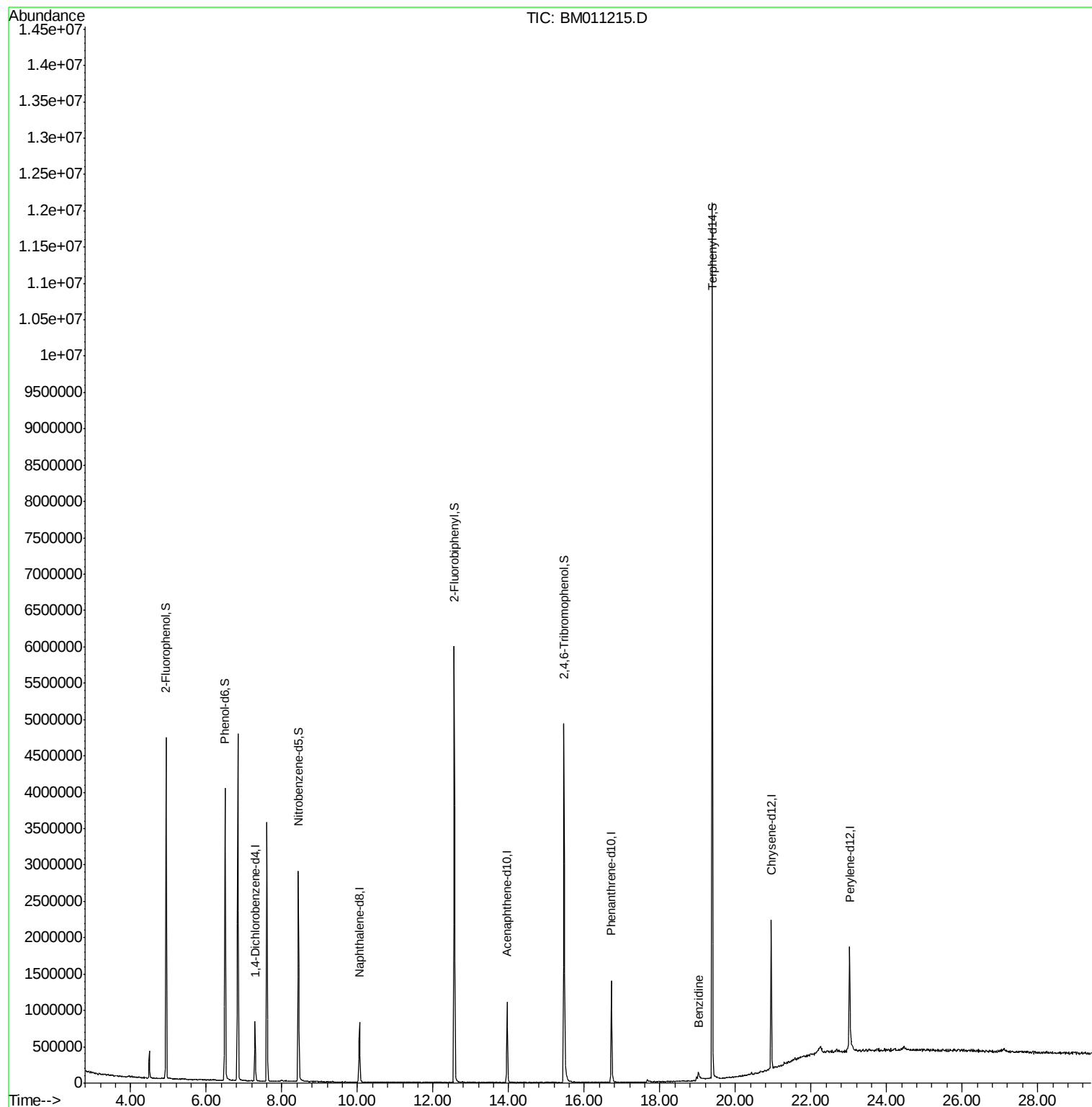
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	140868	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	534188	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	316225	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	778682	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	1010891	20.00	ng	-0.08
86) Perylene-d12	23.02	264	951640	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	1267071	152.05	ng	-0.09
7) Phenol-d6	6.50	99	1640081	138.52	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1651807	116.05	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	750460	148.07	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2714027	107.64	ng	-0.09
78) Terphenyl-d14	19.39	244	4637302	90.87	ng	-0.08
Target Compounds						
76) Benzidine	19.02	184	96571	3.993	ng	Qvalue # 94

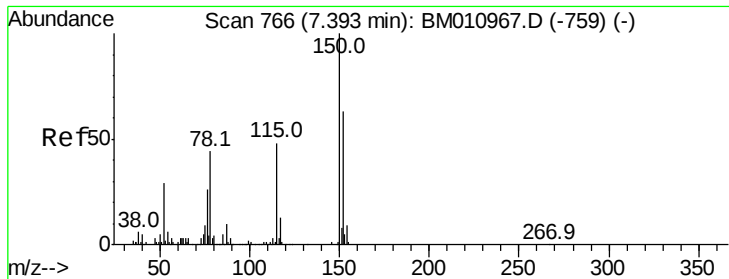
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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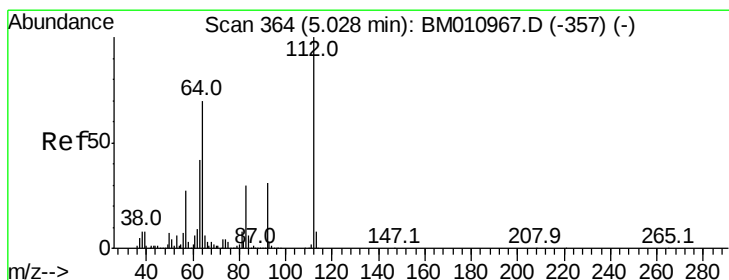
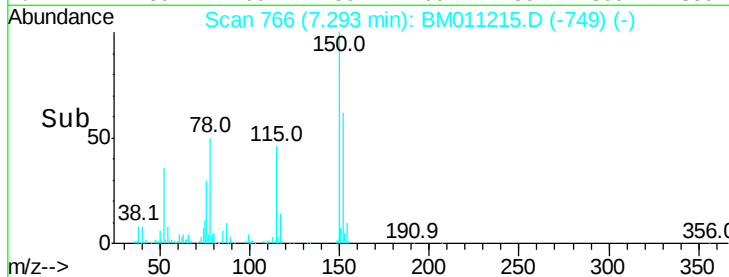
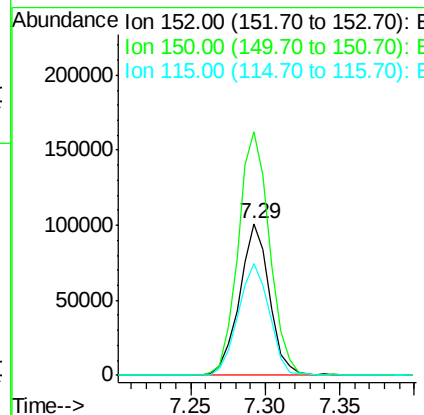
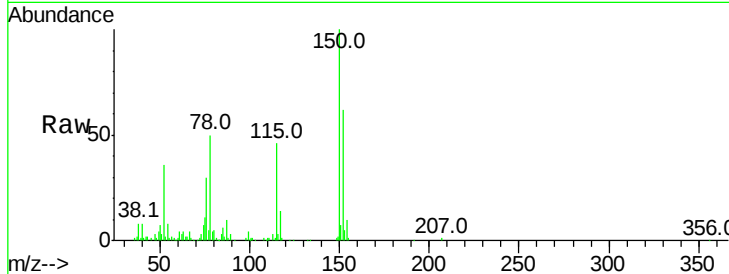


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011215.D
Acq: 12 Aug 2017 12:31

Instrument :
BNA_M
ClientSampleId :
SU-04-080917

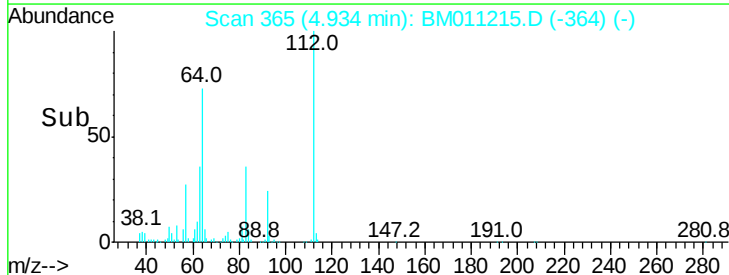
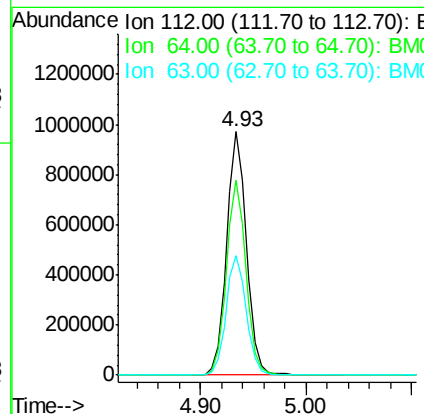
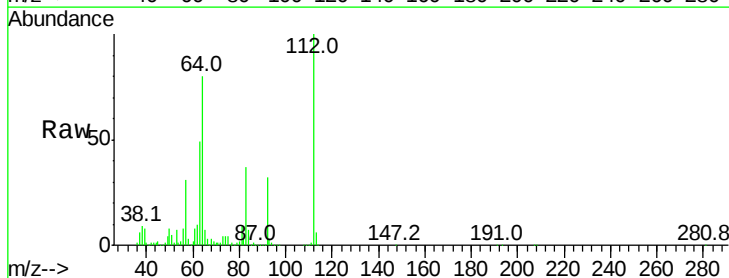
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	119.5	179.3
115	74.2	43.0	64.4

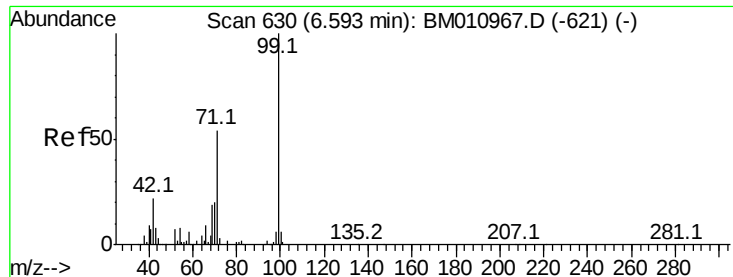


#5

2-Fluorophenol
Concen: 152.051 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.09 min
Lab File: BM011215.D
Acq: 12 Aug 2017 12:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.0	38.6	57.8
63	49.2	19.3	28.9





#7

Phenol-d6

Concen: 138.521 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011215.D

Acq: 12 Aug 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SU-04-080917

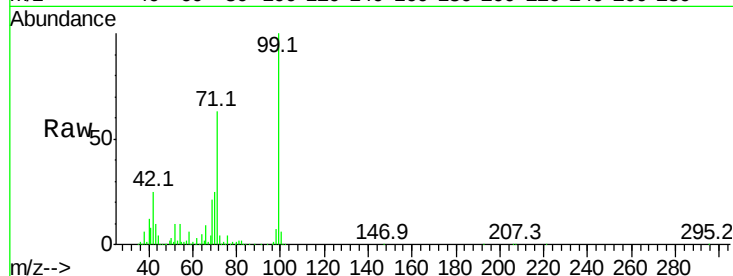
Tot Ion: 99 Resp: 1640081

Ion Ratio Lower Upper

99 100

42 24.9 11.0 16.4#

71 62.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011215.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011215.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011215.D (-630) (-)

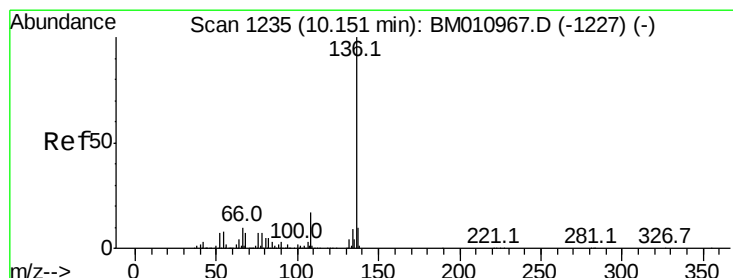
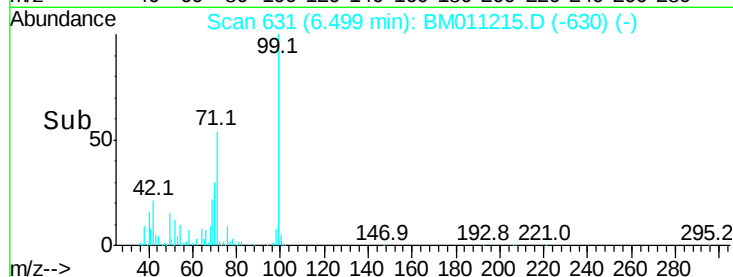
6.50

1000000

500000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011215.D

Acq: 12 Aug 2017 12:31

Tgt Ion: 136 Resp: 534188

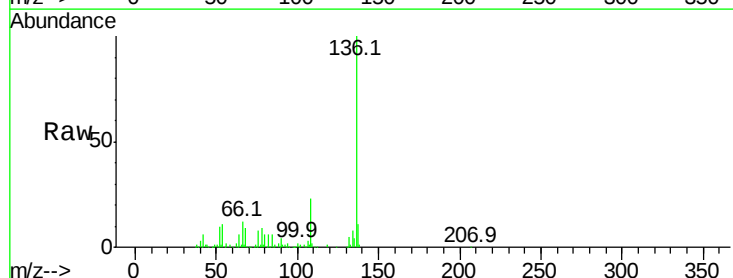
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 10.9 4.6 6.8#

68 8.8 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011215.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011215.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011215.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011215.D (-1235) (-)

10.05

400000

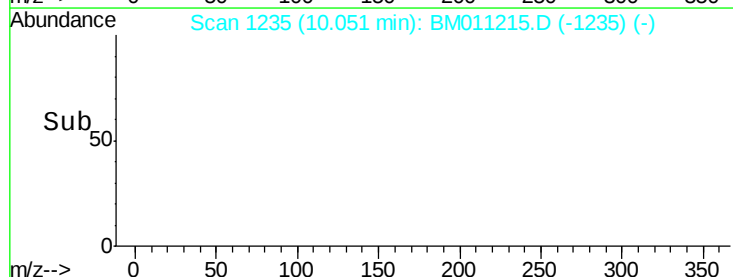
300000

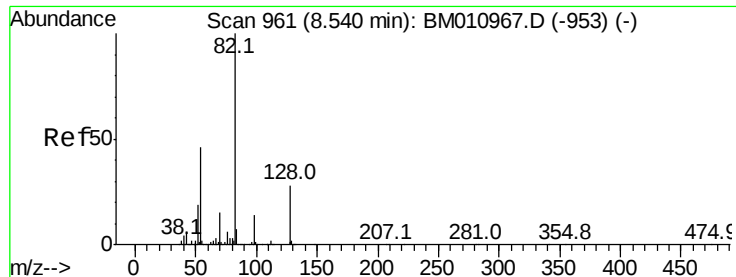
200000

100000

0

Time-->





#23

Nitrobenzene-d5

Concen: 116.055 ng

RT: 8.44 min Scan# 961

Delta R.T. -0.10 min

Lab File: BM011215.D

Acq: 12 Aug 2017 12:31

Instrument :

BNA_M

ClientSampled :

SU-04-080917

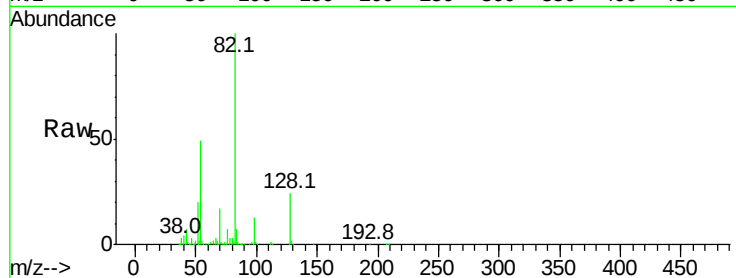
Tot Ion: 82 Resp: 1651807

Ion Ratio Lower Upper

82 100

128 23.8 32.8 49.2#

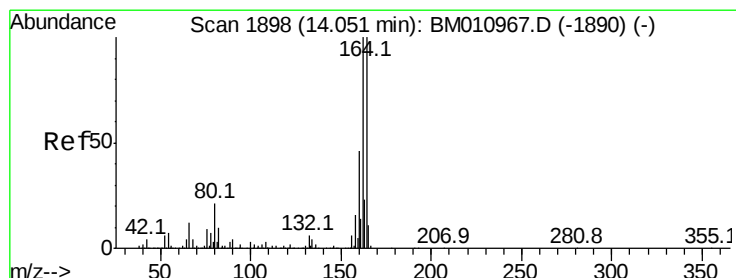
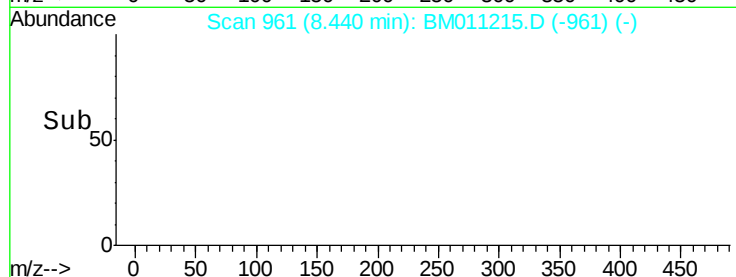
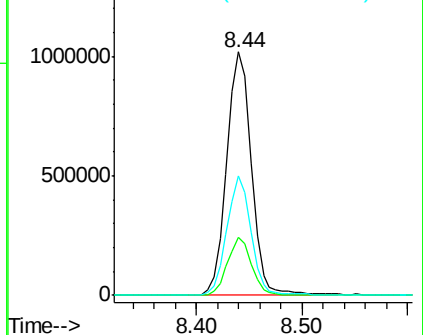
54 49.1 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011215.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011215.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011215.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. -0.09 min

Lab File: BM011215.D

Acq: 12 Aug 2017 12:31

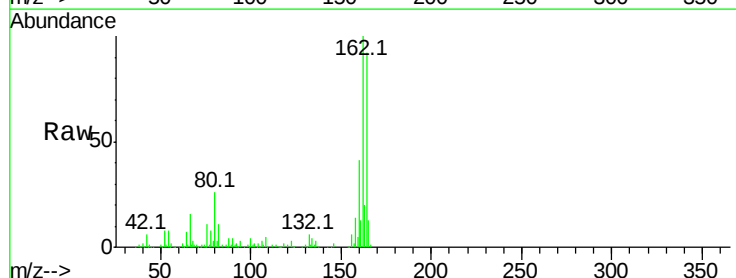
Tgt Ion:164 Resp: 316225

Ion Ratio Lower Upper

164 100

162 108.8 82.4 123.6

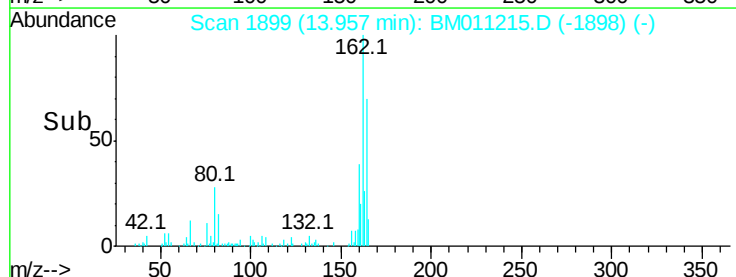
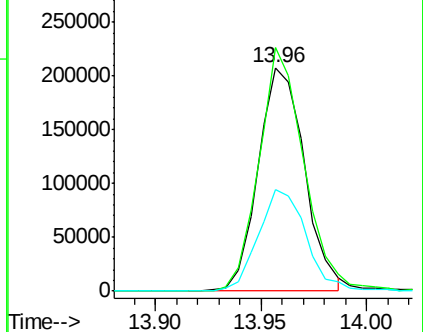
160 45.1 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM011215.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011215.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011215.D (-1898) (-)

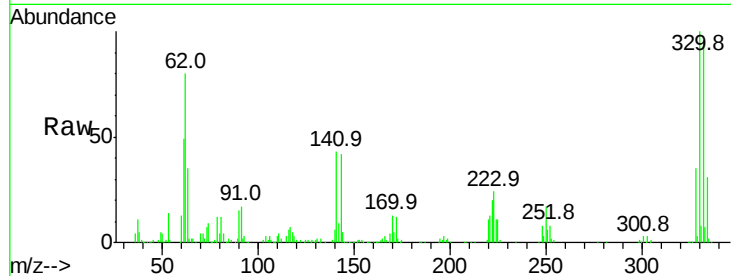




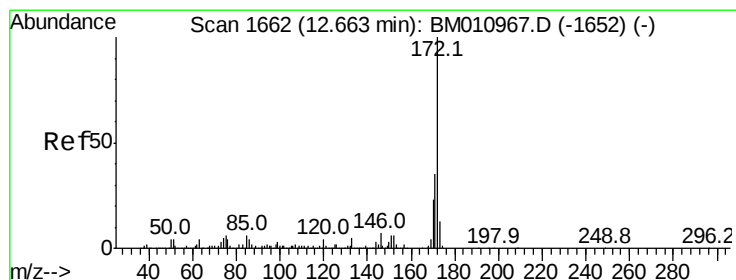
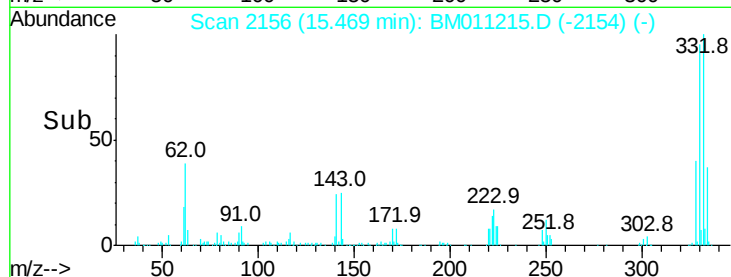
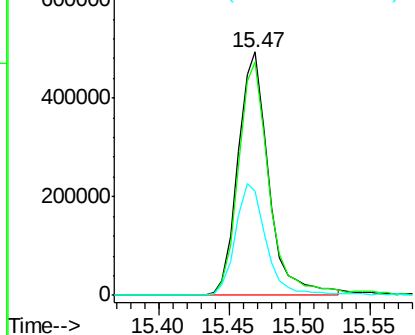
#41
 2,4,6-Tribromophenol
 Concen: 148.066 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011215.D
 Acq: 12 Aug 2017 12:31

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-080917

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	45.6	0.0	0.0#

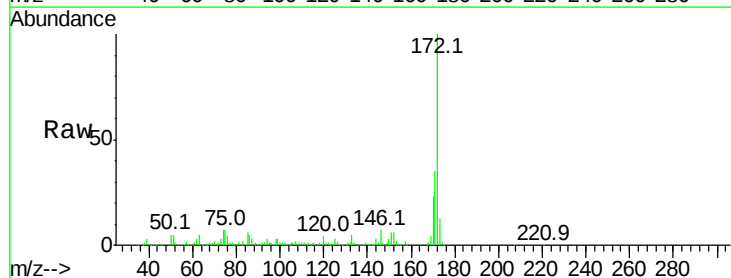


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

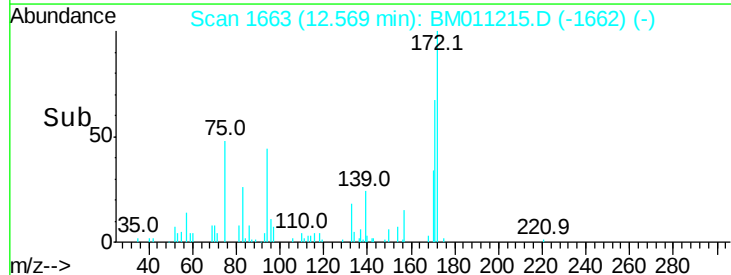
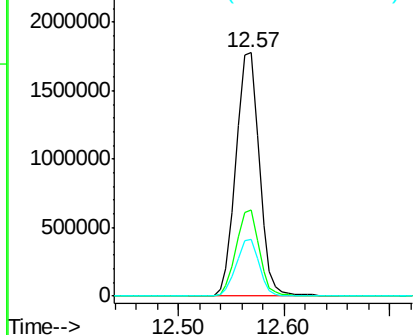


#44
 2-Fluorobiphenyl
 Concen: 107.637 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011215.D
 Acq: 12 Aug 2017 12:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	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

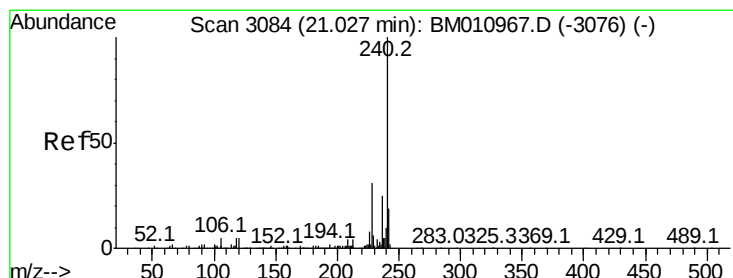
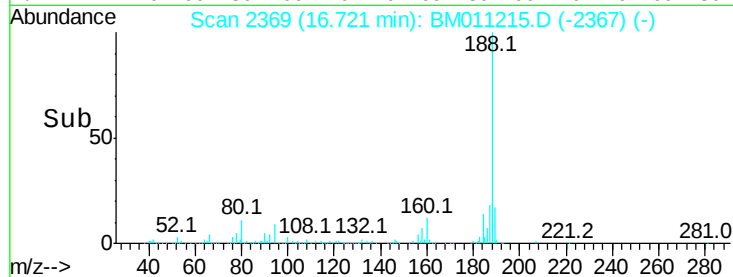
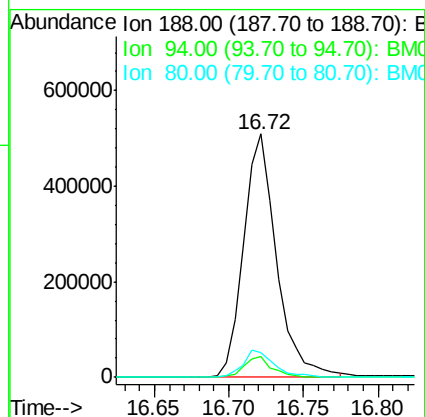
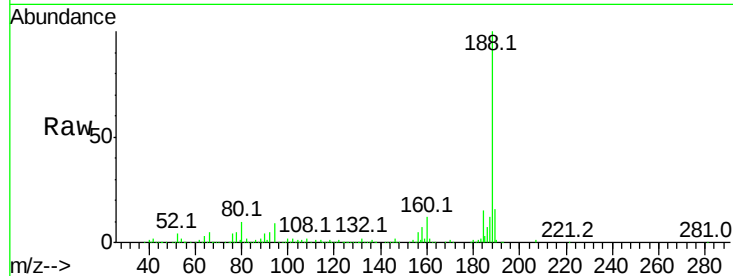




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011215.D
Acq: 12 Aug 2017 12:31

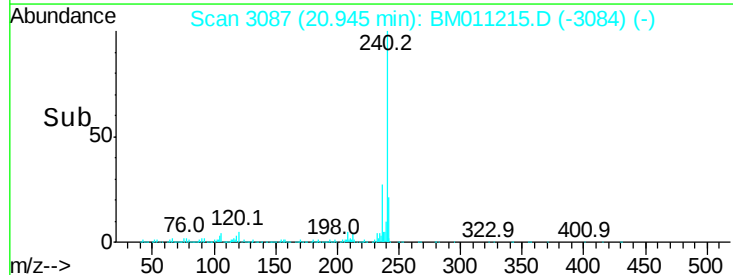
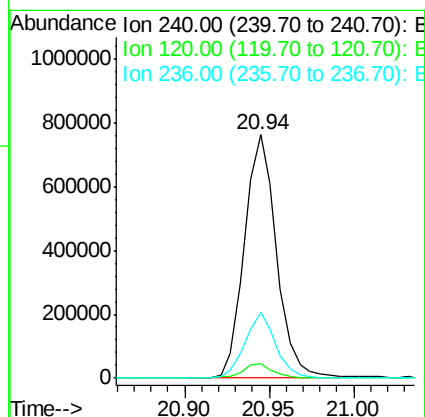
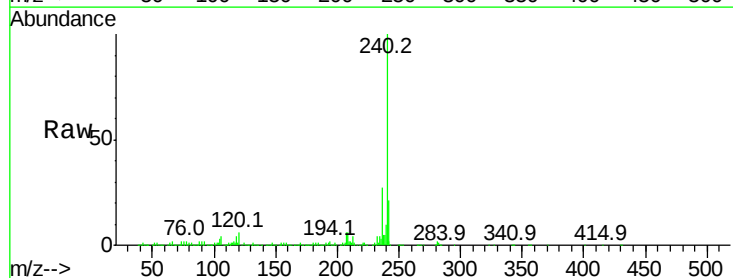
Instrument :
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ClientSampleId :
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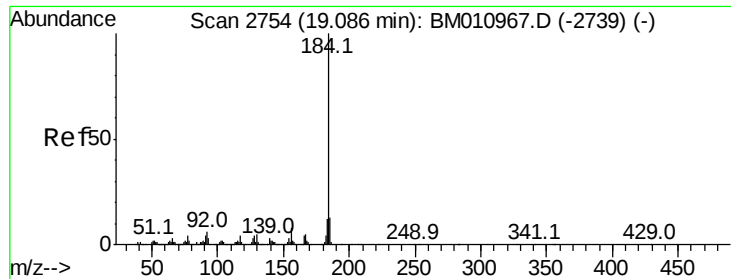
Tot Ion:188 Resp: 778682
Ion Ratio Lower Upper
188 100
94 8.6 8.7 13.1#
80 10.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011215.D
Acq: 12 Aug 2017 12:31

Tgt Ion:240 Resp: 1010891
Ion Ratio Lower Upper
240 100
120 5.7 8.2 12.2#
236 27.2 20.0 30.0

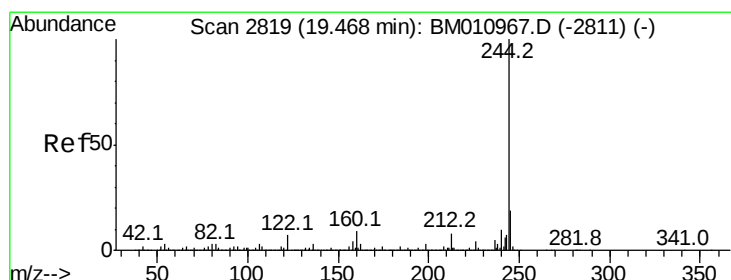
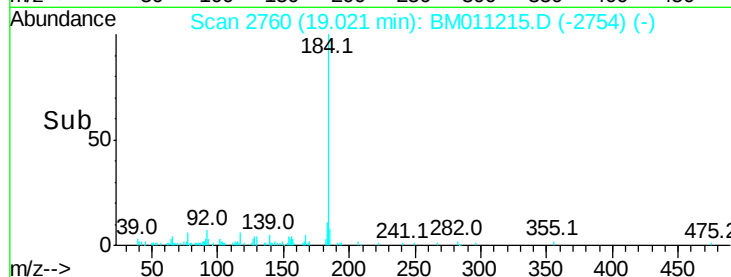
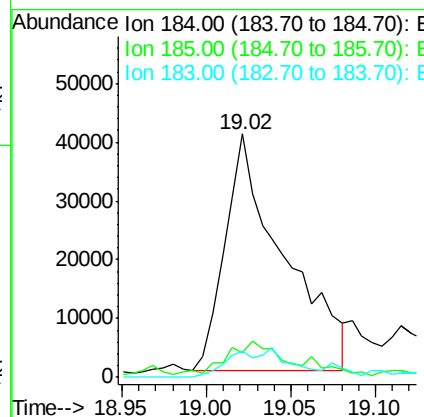
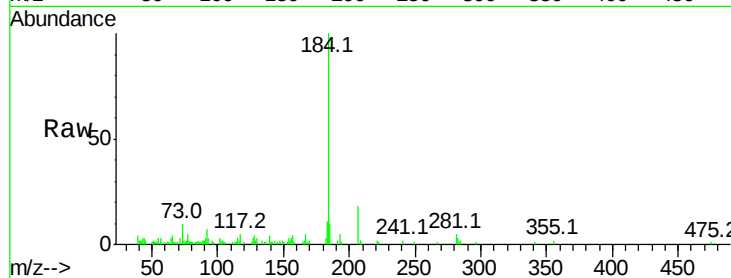




#76
Benzidine
Concen: 3.993 ng
RT: 19.02 min Scan# 2760
Delta R.T. -0.06 min
Lab File: BM011215.D
Acq: 12 Aug 2017 12:31

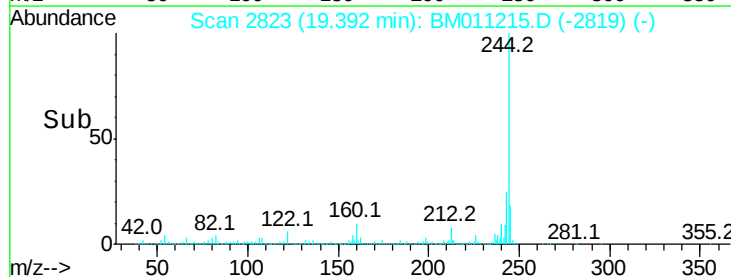
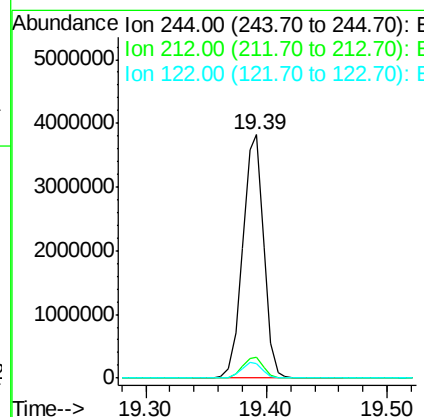
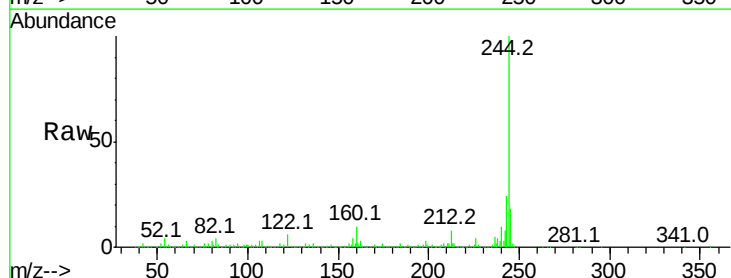
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SU-04-080917

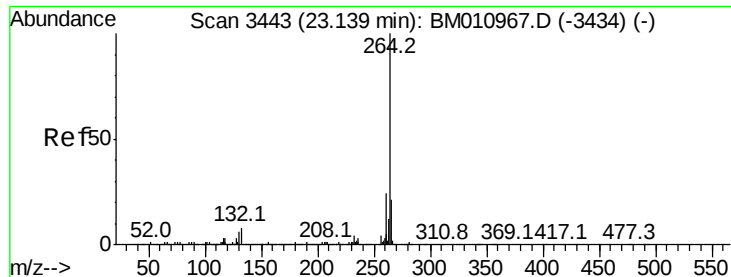
Tot Ion:184 Resp: 96571
Ion Ratio Lower Upper
184 100
185 10.2 11.3 16.9#
183 10.6 8.9 13.3



#78
Terphenyl-d14
Concen: 90.869 ng
RT: 19.39 min Scan# 2823
Delta R.T. -0.08 min
Lab File: BM011215.D
Acq: 12 Aug 2017 12:31

Tgt Ion:244 Resp: 4637302
Ion Ratio Lower Upper
244 100
212 8.5 4.9 7.3#
122 5.9 6.2 9.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. -0.12 min
 Lab File: BM011215.D
 Acq: 12 Aug 2017 12:31

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-080917

Tot Ion: 264 Resp: 951640
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 27.8
 265 23.9 17.3 25.9

