

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081217\
 Data File : BM011216.D
 Acq On : 12 Aug 2017 13:08
 Operator : SJ/JU
 Sample : I4700-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-01-080917-A

Quant Time: Aug 14 04:00:43 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

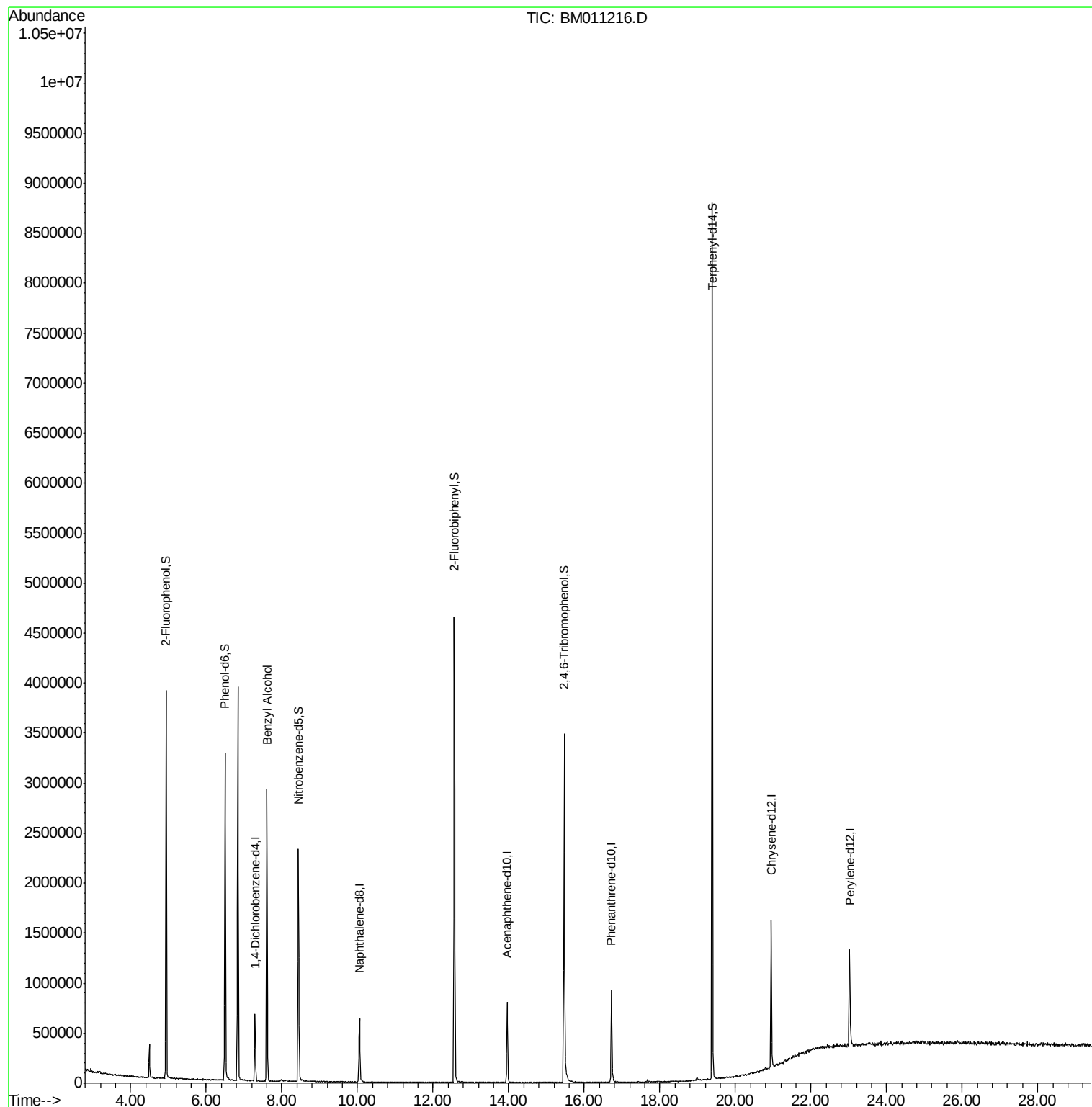
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	116540	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	381030	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	239419	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	553992	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	710556	20.00	ng	-0.08
86) Perylene-d12	23.02	264	723888	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	998414	144.82	ng	-0.09
7) Phenol-d6	6.50	99	1223221	124.88	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1301243	128.17	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	516340	134.56	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	2032660	106.48	ng	-0.10
78) Terphenyl-d14	19.39	244	3242683	90.40	ng	-0.08
Target Compounds						
15) Benzyl Alcohol	7.60	79	24699	2.63	ng	Qvalue # 39

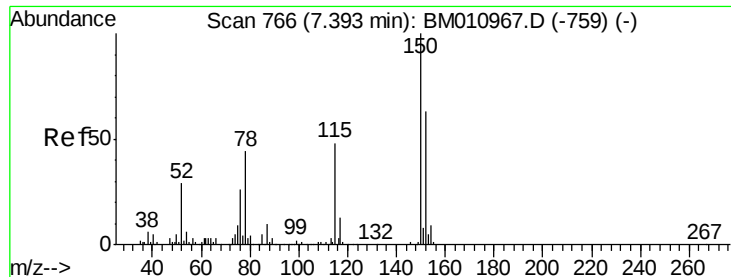
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM011216.D

Acq: 12 Aug 2017 13:08

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-A

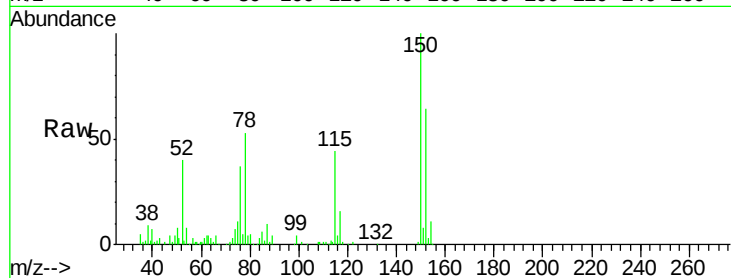
Tot Ion:152 Resp: 116540

Ion Ratio Lower Upper

152 100

150 157.1 119.5 179.3

115 69.5 43.0 64.4#

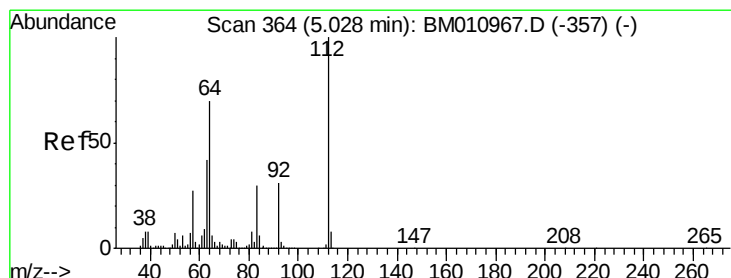
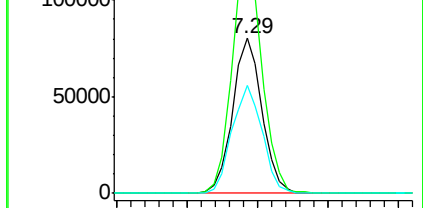
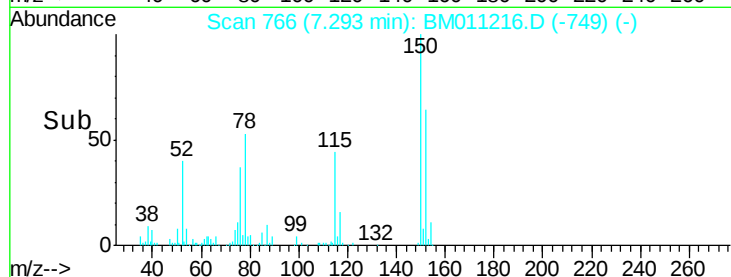


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.29



#5

2-Fluorophenol

Concen: 144.82 ng

RT: 4.93 min Scan# 365

Delta R.T. -0.09 min

Lab File: BM011216.D

Acq: 12 Aug 2017 13:08

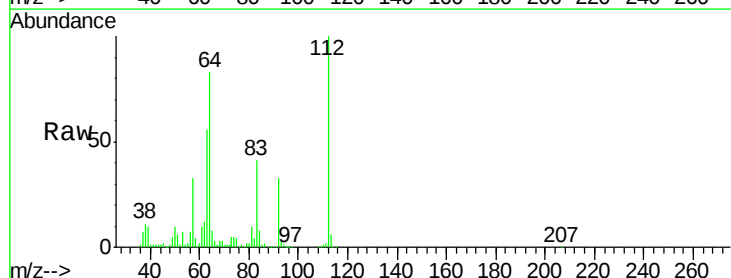
Tgt Ion:112 Resp: 998414

Ion Ratio Lower Upper

112 100

64 83.3 38.6 57.8#

63 56.2 19.3 28.9#

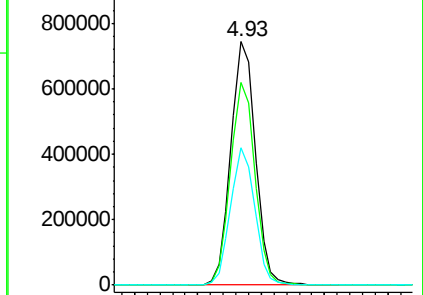
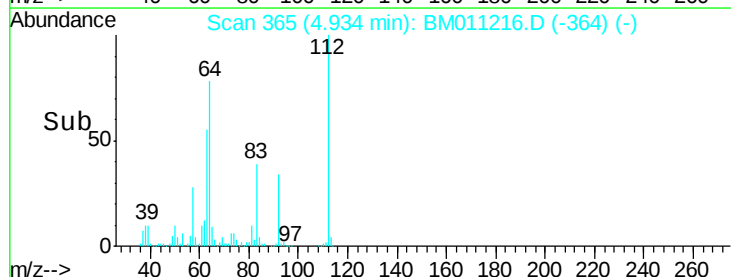


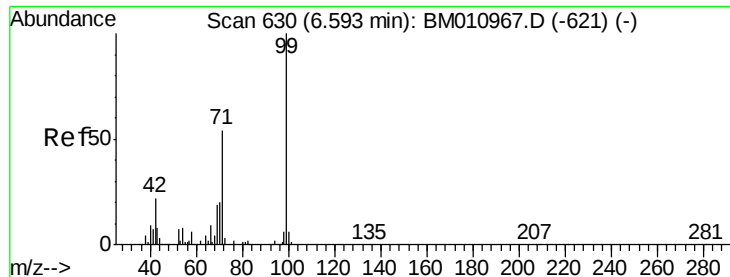
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM

4.93





#7

Phenol-d6

Concen: 124.88 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011216.D

Acq: 12 Aug 2017 13:08

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-A

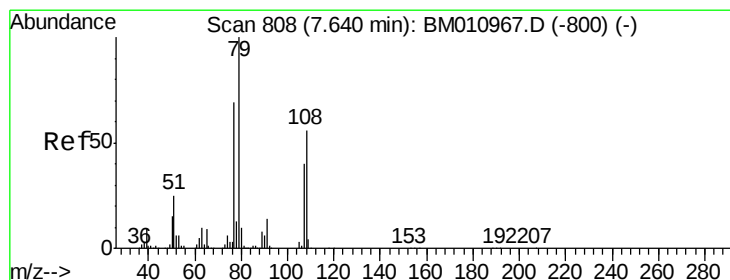
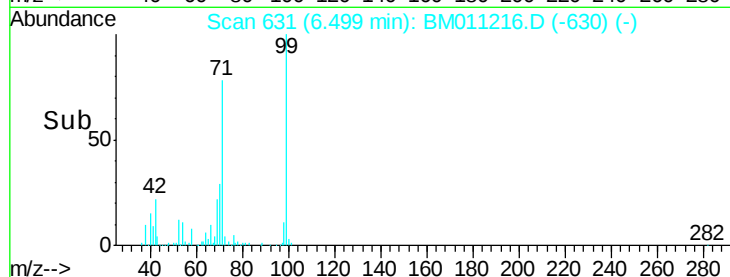
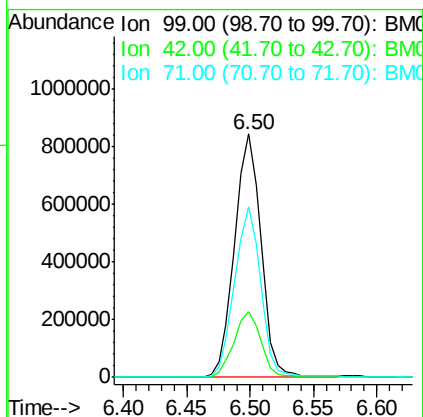
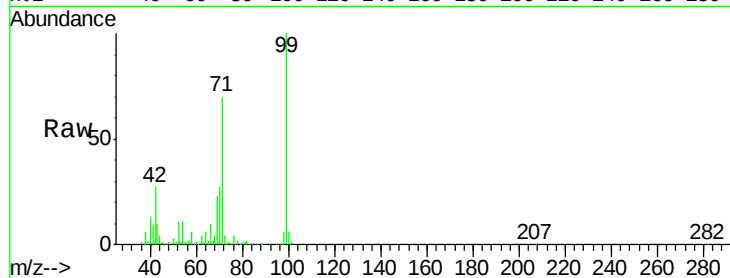
Tot Ion: 99 Resp: 1223221

Ion Ratio Lower Upper

99 100

42 27.1 11.0 16.4#

71 69.9 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.63 ng

RT: 7.60 min Scan# 819

Delta R.T. -0.04 min

Lab File: BM011216.D

Acq: 12 Aug 2017 13:08

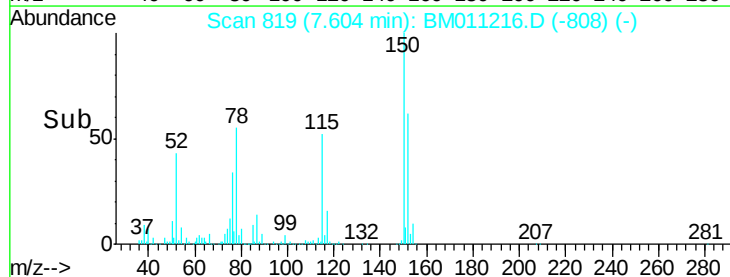
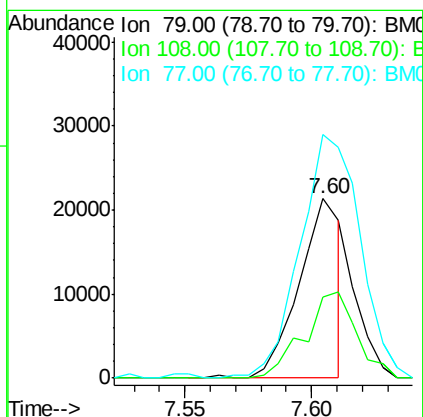
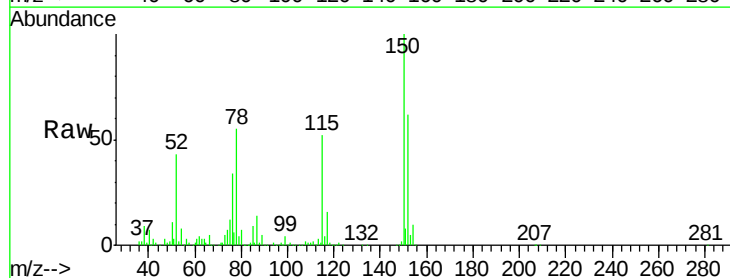
Tgt Ion: 79 Resp: 24699

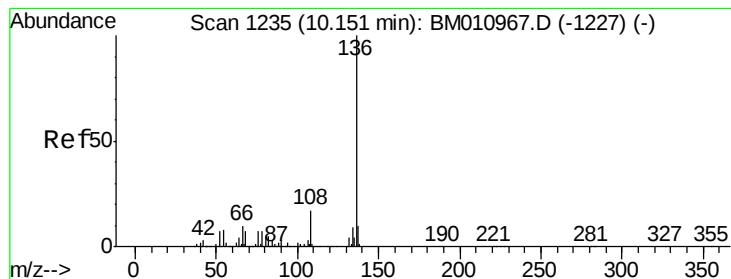
Ion Ratio Lower Upper

79 100

108 45.4 65.0 97.4#

77 135.8 53.0 79.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011216.D

Acq: 12 Aug 2017 13:08

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-A

Tot Ion:136 Resp: 381030

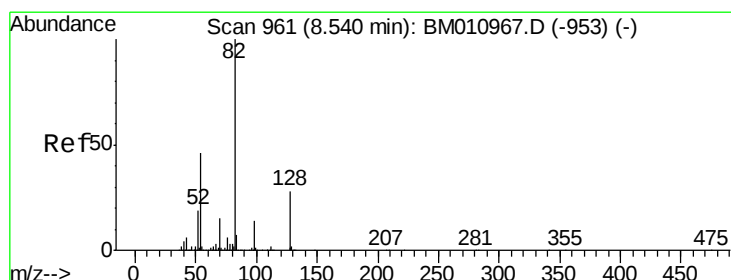
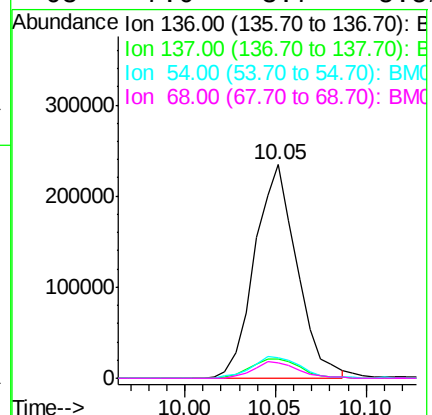
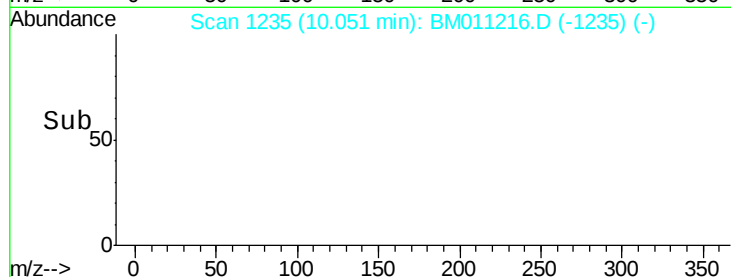
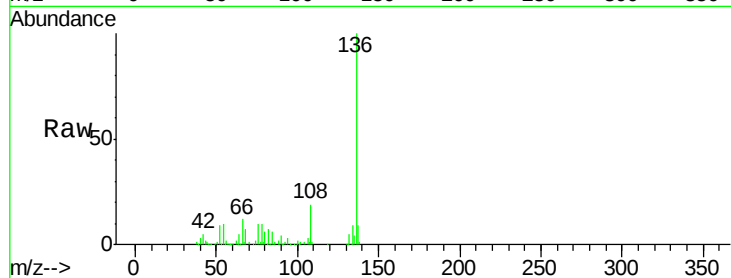
Ion Ratio Lower Upper

136 100

137 8.8 8.7 13.1

54 9.7 4.6 6.8#

68 7.0 3.7 5.5#



#23

Nitrobenzene-d5

Concen: 128.17 ng

RT: 8.44 min Scan# 961

Delta R.T. -0.10 min

Lab File: BM011216.D

Acq: 12 Aug 2017 13:08

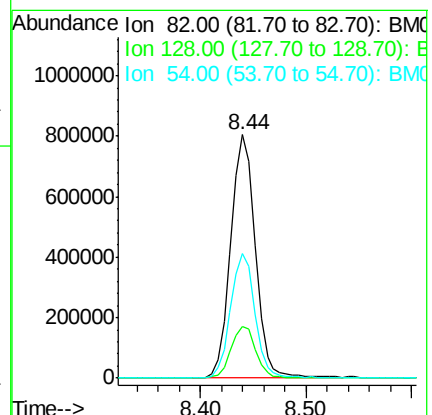
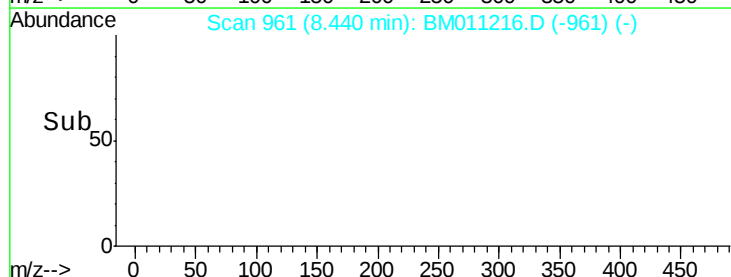
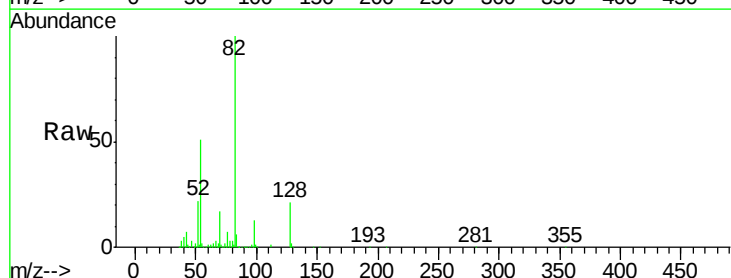
Tgt Ion: 82 Resp: 1301243

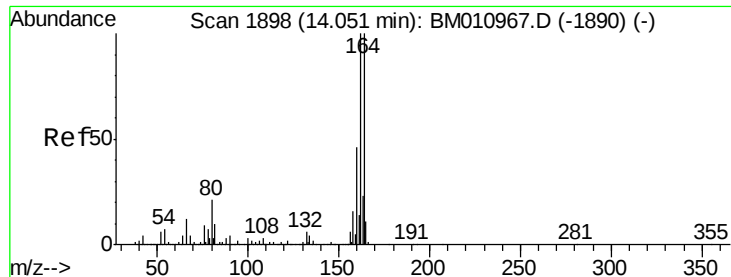
Ion Ratio Lower Upper

82 100

128 21.3 32.8 49.2#

54 51.2 40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.96 min Scan# 1899

Delta R.T. -0.09 min

Lab File: BM011216.D

Acq: 12 Aug 2017 13:08

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-A

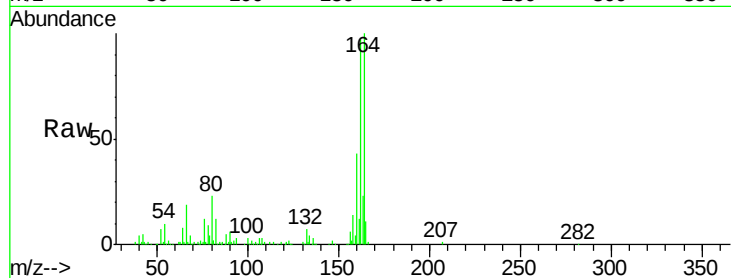
Tot Ion:164 Resp: 239419

Ion Ratio Lower Upper

164 100

162 97.1 82.4 123.6

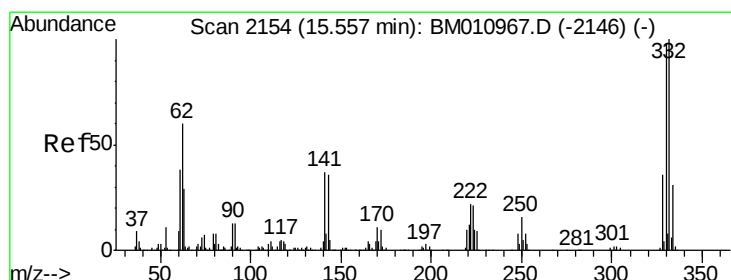
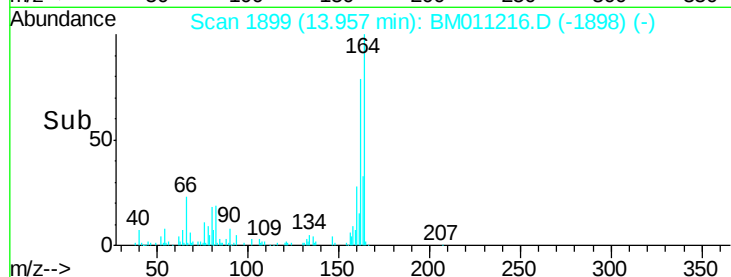
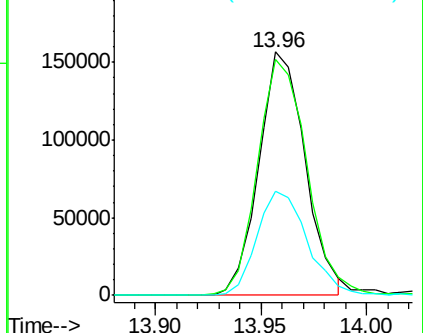
160 42.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 134.56 ng

RT: 15.47 min Scan# 2156

Delta R.T. -0.09 min

Lab File: BM011216.D

Acq: 12 Aug 2017 13:08

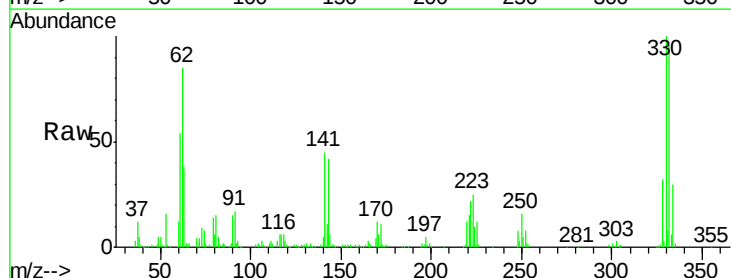
Tgt Ion:330 Resp: 516340

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

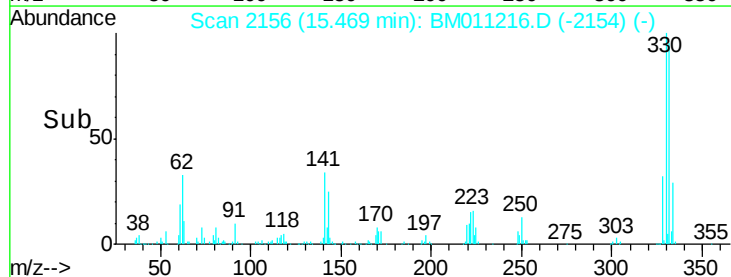
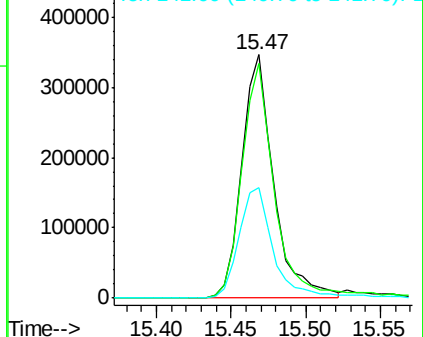
141 47.8 0.0 0.0#

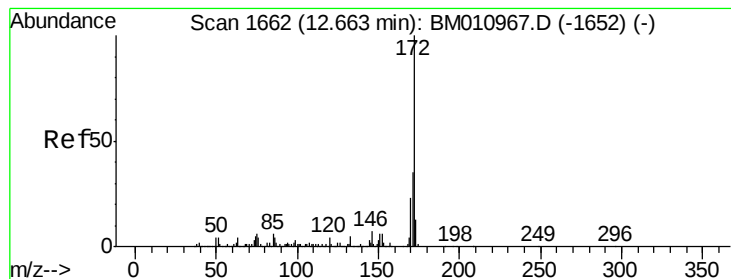


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 106.48 ng

RT: 12.56 min Scan# 1662

Delta R.T. -0.10 min

Lab File: BM011216.D

Acq: 12 Aug 2017 13:08

Instrument :

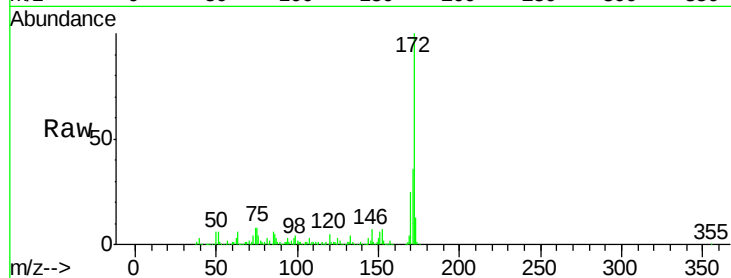
BNA_M

ClientSampleId :

NB-01-080917-A

Tot Ion:172 Resp: 2032660

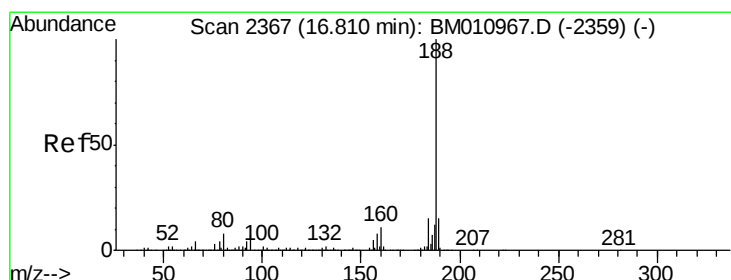
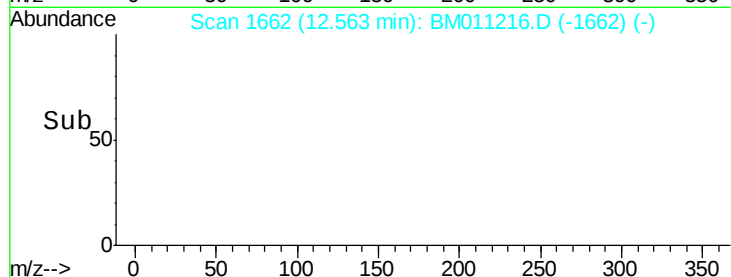
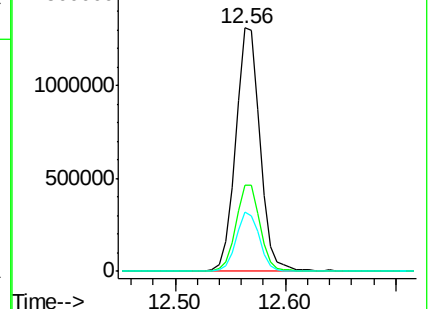
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.6	18.8	28.2



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: 16.72 min Scan# 2369

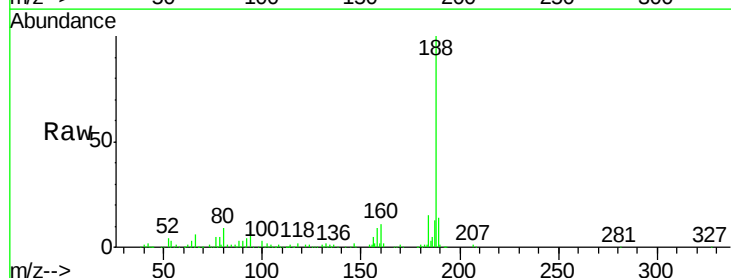
Delta R.T. -0.09 min

Lab File: BM011216.D

Acq: 12 Aug 2017 13:08

Tgt Ion:188 Resp: 553992

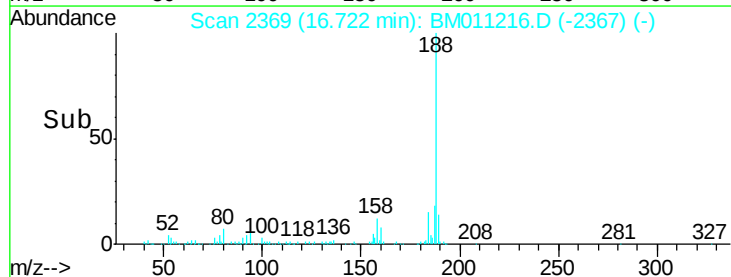
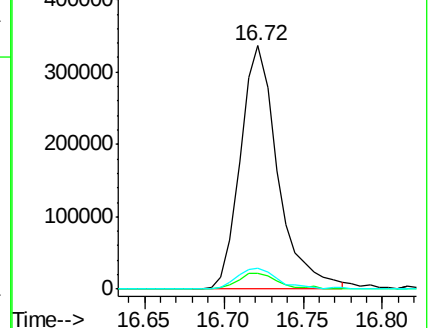
Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	8.8	9.3	13.9#

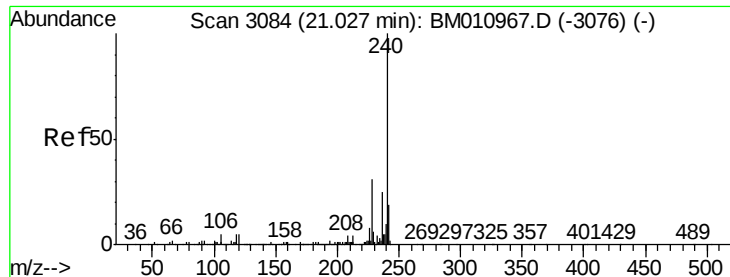


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

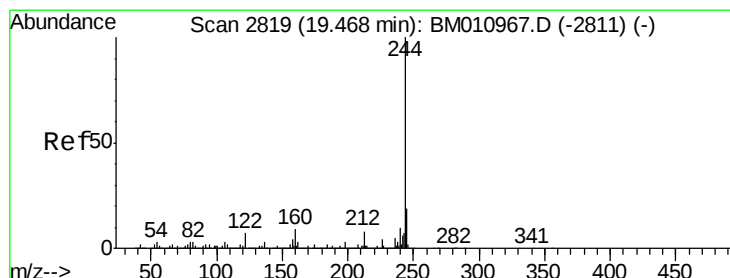
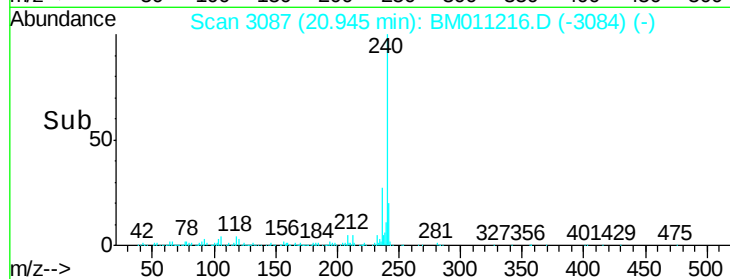
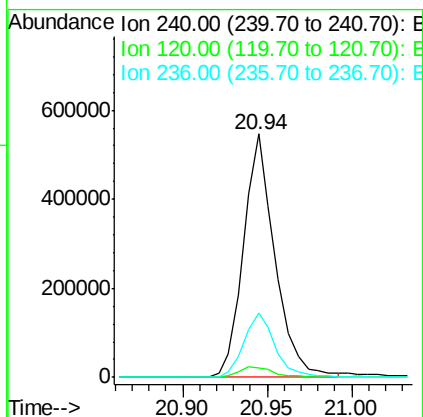
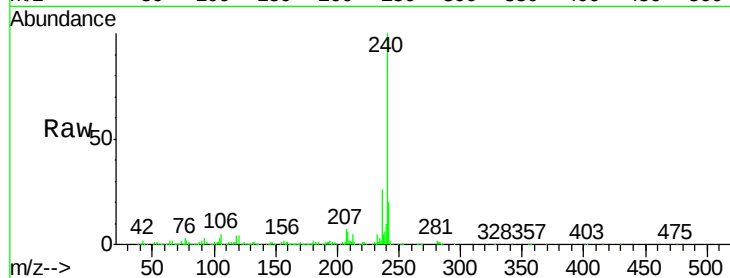




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 20.94 min Scan# 3087
 Delta R.T. -0.08 min
 Lab File: BM011216.D
 Acq: 12 Aug 2017 13:08

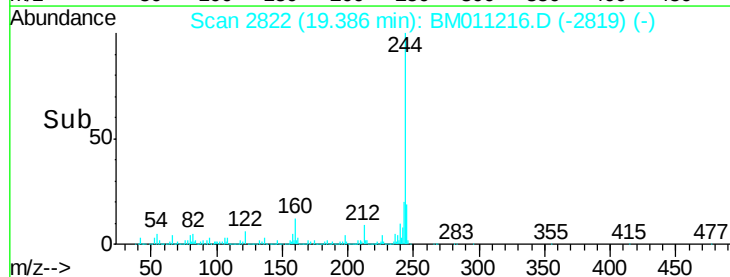
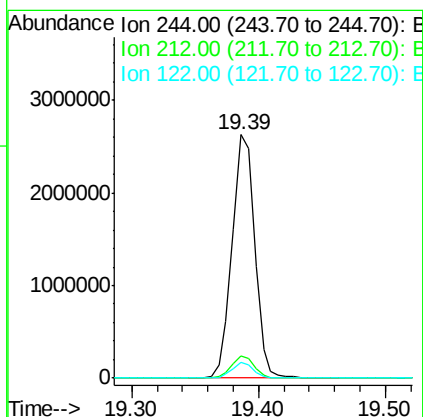
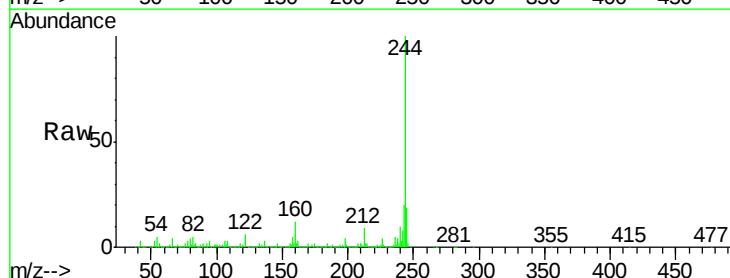
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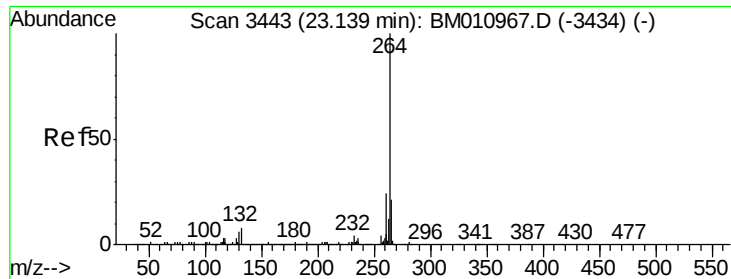
Tot Ion	Ratio	Lower	Upper
240	100		
120	3.7	8.2	12.2#
236	26.3	20.0	30.0



#78
 Terphenyl-d14
 Concen: 90.40 ng
 RT: 19.39 min Scan# 2822
 Delta R.T. -0.08 min
 Lab File: BM011216.D
 Acq: 12 Aug 2017 13:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	4.9	7.3#
122	6.4	6.2	9.4

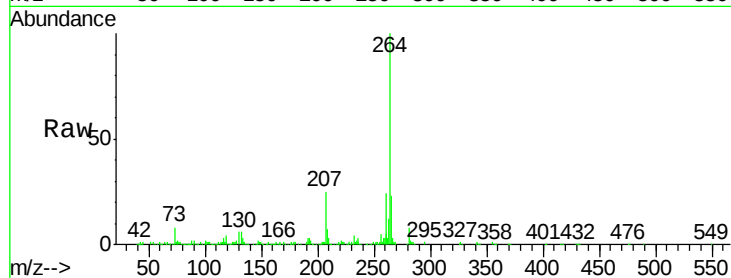




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.02 min Scan# 3440
Delta R.T. -0.12 min
Lab File: BM011216.D
Acq: 12 Aug 2017 13:08

Instrument :
BNA_M
ClientSampleId :
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Tot Ion:	264	Resp:	723888
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	23.4	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

