

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081217\
 Data File : BM011217.D
 Acq On : 12 Aug 2017 13:44
 Operator : SJ/JU
 Sample : I4700-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Aug 14 04:00:59 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

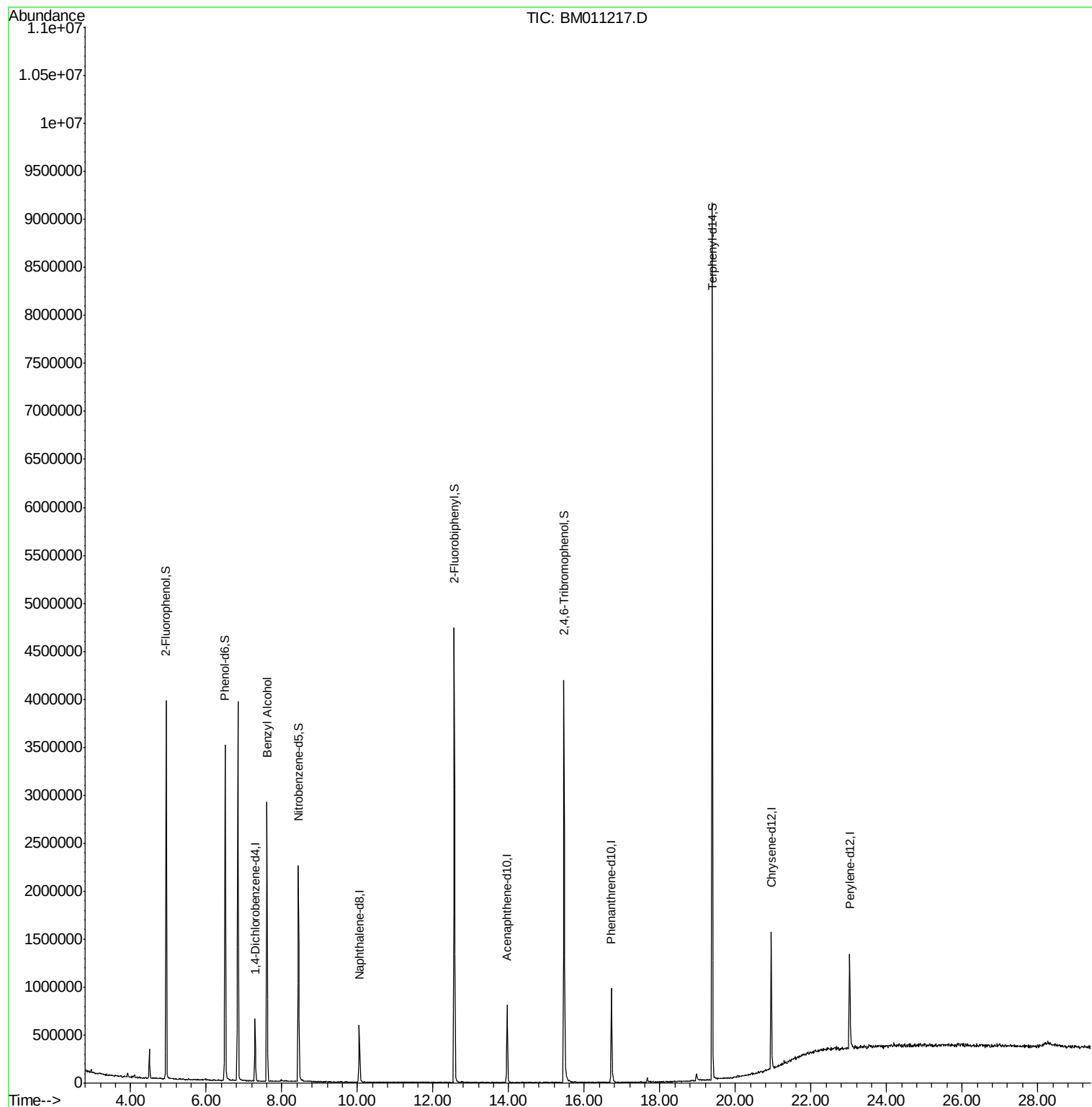
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	108122	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	361415	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	230691	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	585168	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	754635	20.00	ng	-0.08
86) Perylene-d12	23.02	264	746466	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1011882	158.20	ng	-0.09
7) Phenol-d6	6.50	99	1325808	145.89	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1276612	132.57	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	576777	155.99	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2057394	111.85	ng	-0.09
78) Terphenyl-d14	19.39	244	3465354	90.96	ng	-0.08
Target Compounds						
15) Benzyl Alcohol	7.60	79	24525	2.81	ng	Qvalue # 38

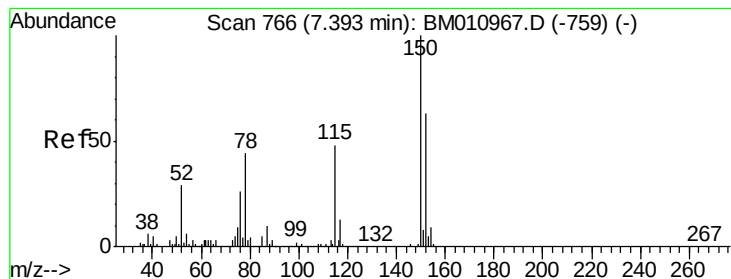
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM011217.D

Acq: 12 Aug 2017 13:44

Instrument :

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ClientSampleId :

NB-01-080917-B

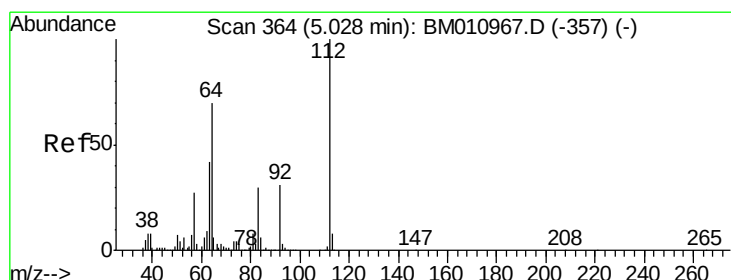
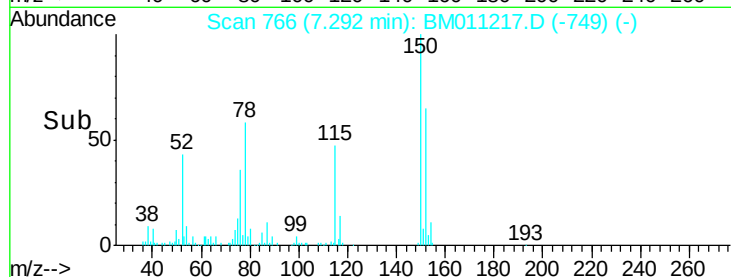
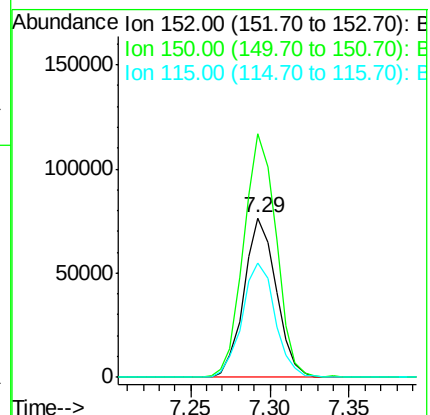
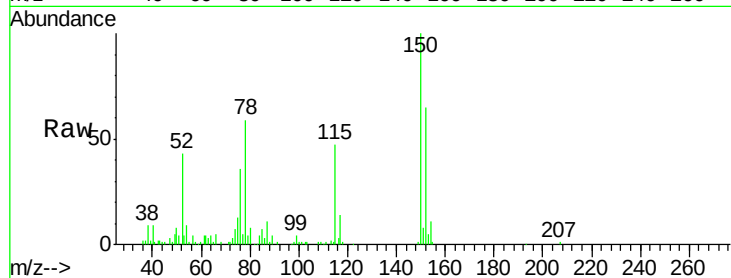
Tot Ion:152 Resp: 108122

Ion Ratio Lower Upper

152 100

150 152.8 119.5 179.3

115 71.7 43.0 64.4#



#5

2-Fluorophenol

Concen: 158.20 ng

RT: 4.94 min Scan# 366

Delta R.T. -0.09 min

Lab File: BM011217.D

Acq: 12 Aug 2017 13:44

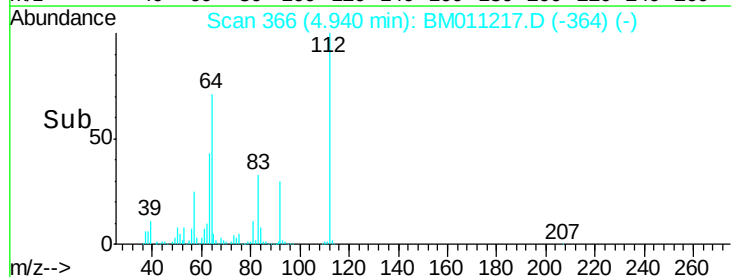
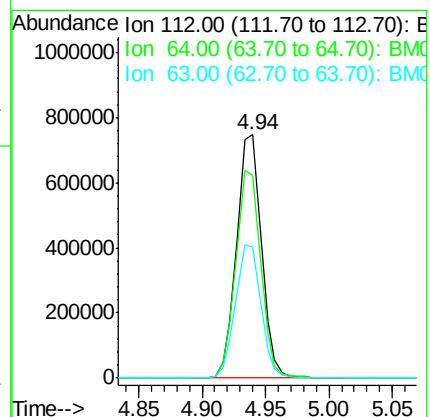
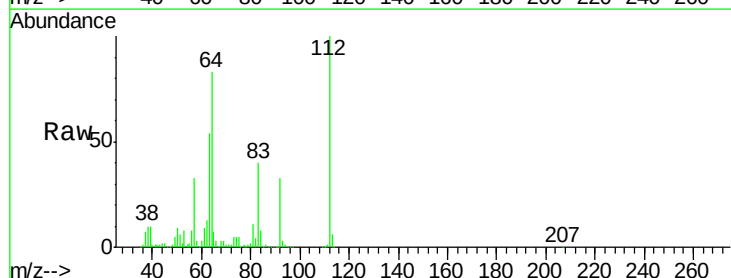
Tgt Ion:112 Resp: 1011882

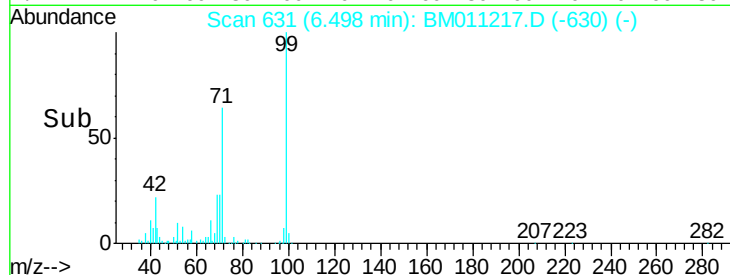
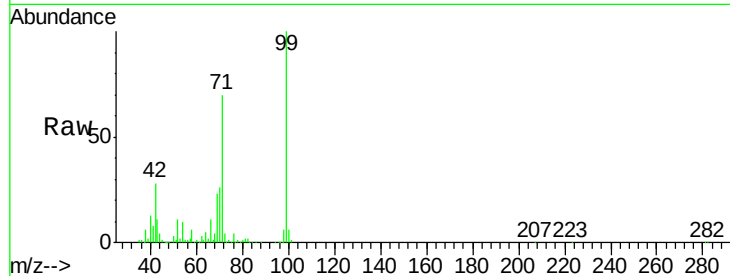
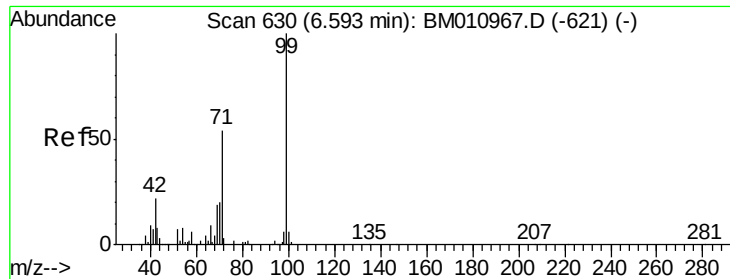
Ion Ratio Lower Upper

112 100

64 83.3 38.6 57.8#

63 53.6 19.3 28.9#





#7

Phenol-d6

Concen: 145.89 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011217.D

Acq: 12 Aug 2017 13:44

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-B

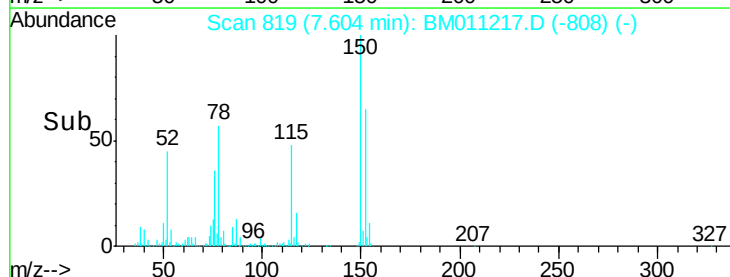
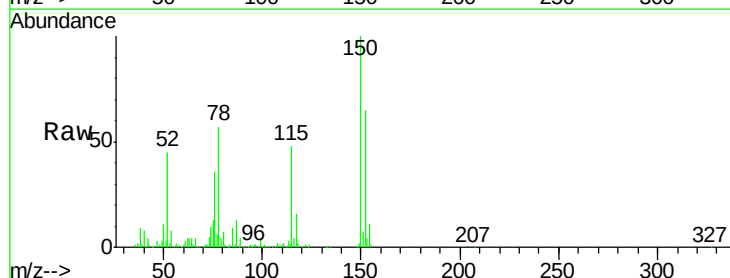
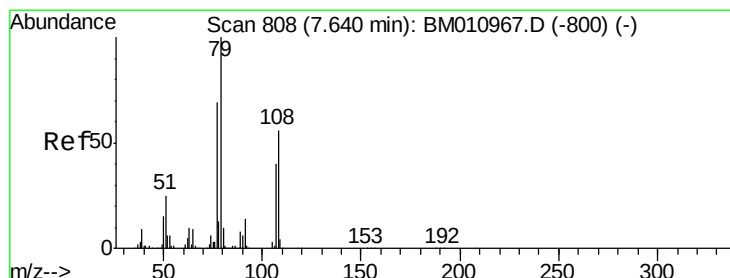
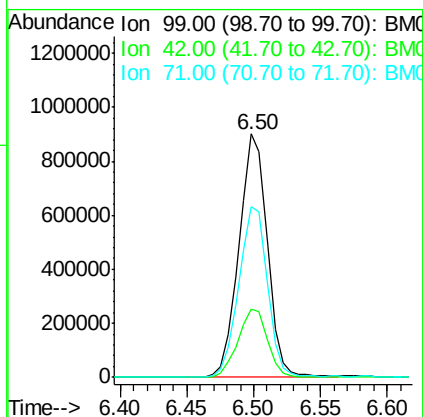
Tot Ion: 99 Resp: 1325808

Ion Ratio Lower Upper

99 100

42 28.1 11.0 16.4#

71 69.9 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.81 ng

RT: 7.60 min Scan# 819

Delta R.T. -0.04 min

Lab File: BM011217.D

Acq: 12 Aug 2017 13:44

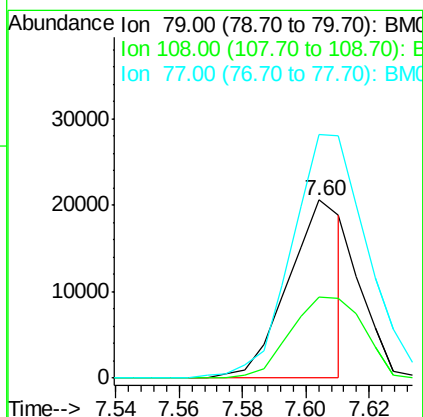
Tgt Ion: 79 Resp: 24525

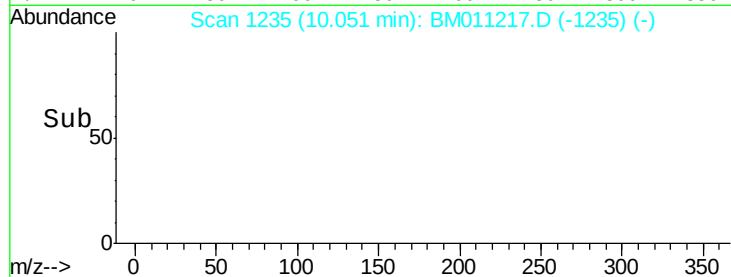
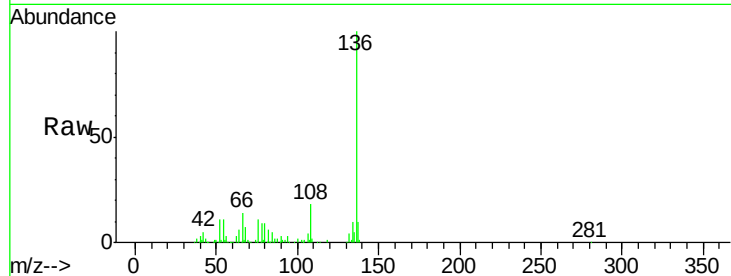
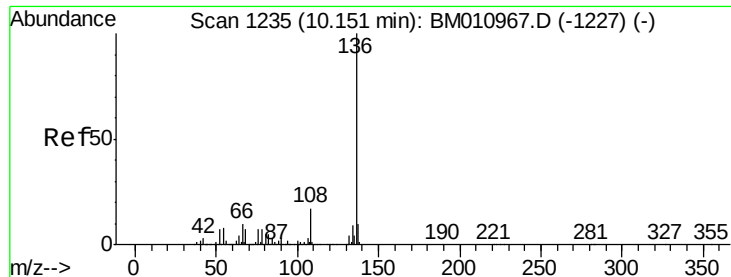
Ion Ratio Lower Upper

79 100

108 45.4 65.0 97.4#

77 136.7 53.0 79.6#

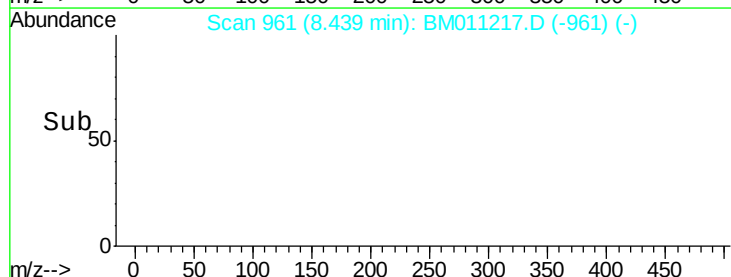
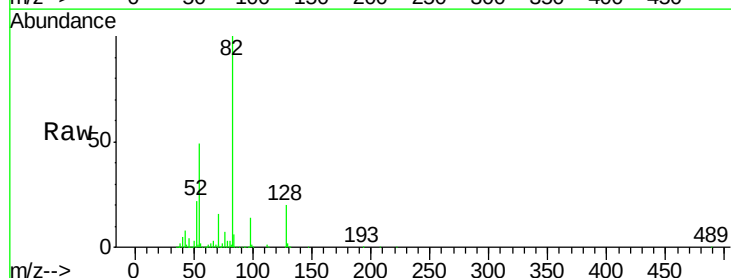
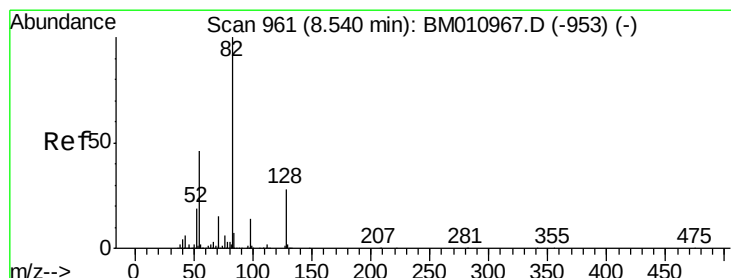
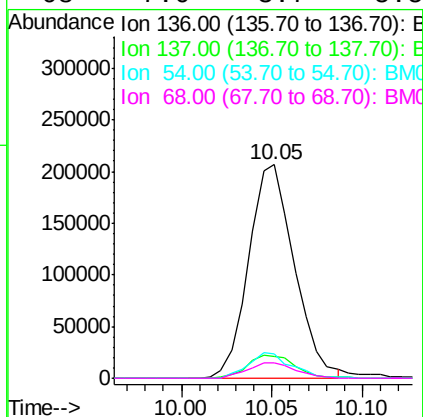




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.05 min Scan# 1235
Delta R.T. -0.10 min
Lab File: BM011217.D
Acq: 12 Aug 2017 13:44

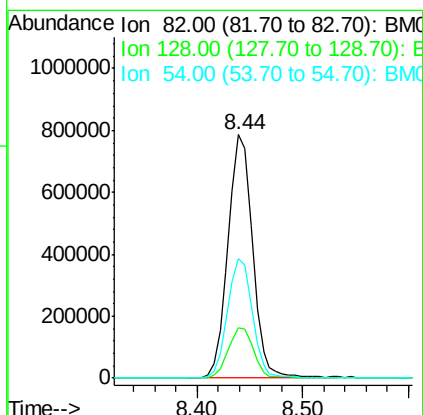
Instrument :
BNA_M
ClientSampleId :
NB-01-080917-B

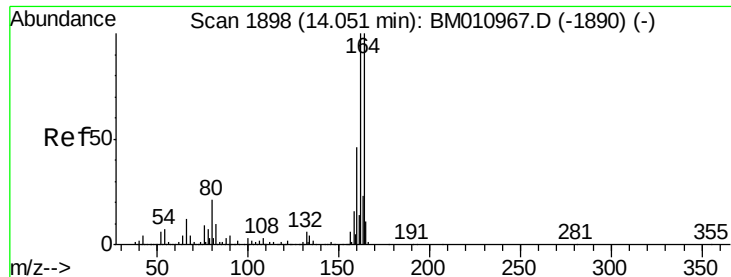
Tot Ion:136	Resp:	361415
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.7 13.1
54	11.4	4.6 6.8#
68	7.0	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 132.57 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.10 min
Lab File: BM011217.D
Acq: 12 Aug 2017 13:44

Tgt Ion: 82	Resp:	1276612
Ion	Ratio	Lower Upper
82	100	
128	20.4	32.8 49.2#
54	49.1	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: BM011217.D

Acq: 12 Aug 2017 13:44

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-B

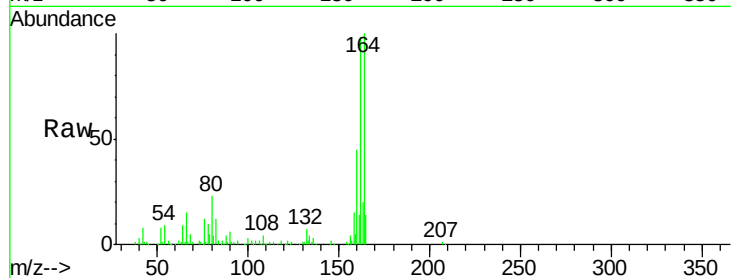
Tot Ion:164 Resp: 230691

Ion Ratio Lower Upper

164 100

162 98.4 82.4 123.6

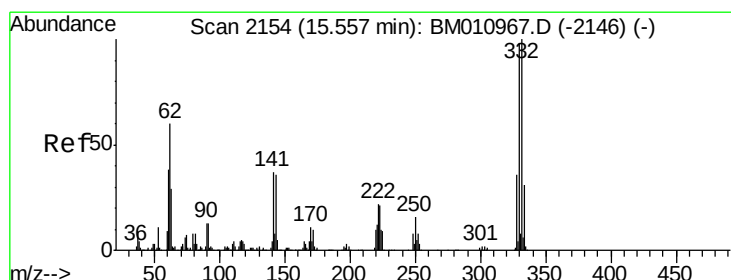
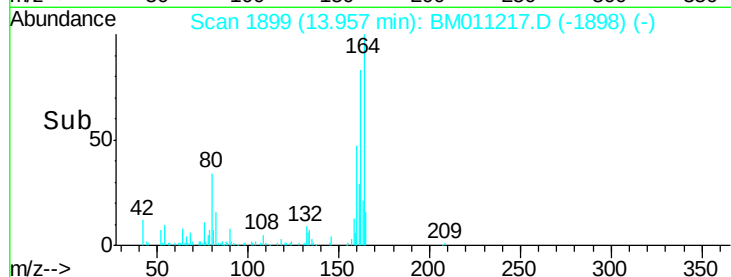
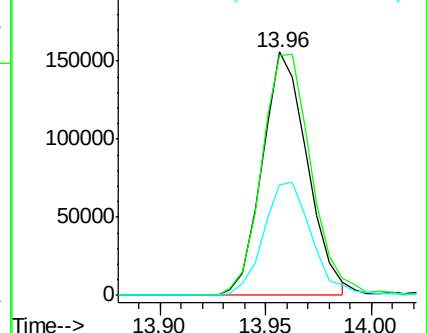
160 45.5 35.8 53.6



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: 155.99 ng

RT: 15.47 min Scan# 2156

Delta R.T. -0.09 min

Lab File: BM011217.D

Acq: 12 Aug 2017 13:44

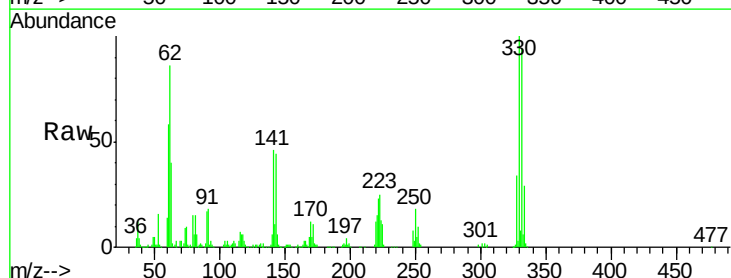
Tgt Ion:330 Resp: 576777

Ion Ratio Lower Upper

330 100

332 93.8 0.0 0.0#

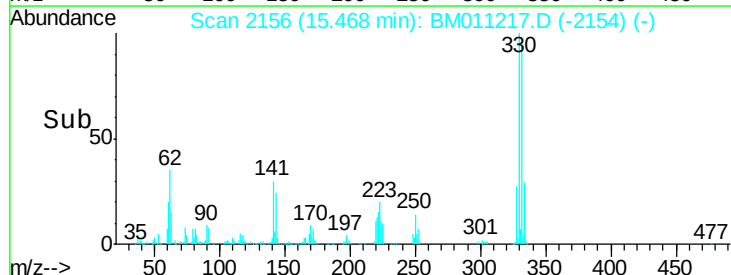
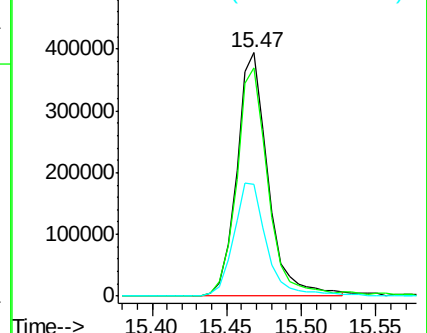
141 48.8 0.0 0.0#

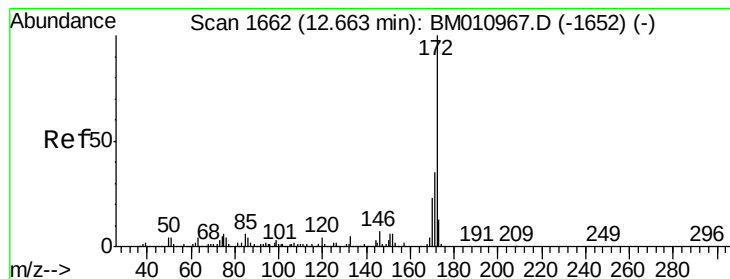


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 111.85 ng

RT: 12.57 min Scan# 1663

Delta R.T. -0.09 min

Lab File: BM011217.D

Acq: 12 Aug 2017 13:44

Instrument :

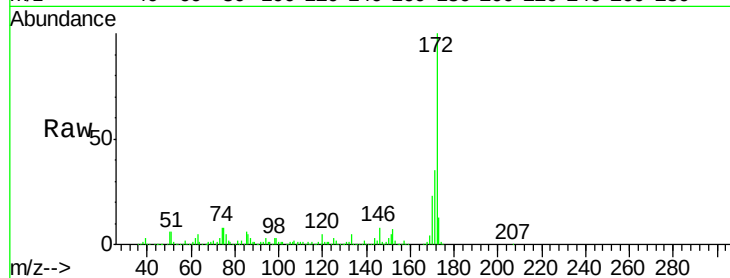
BNA_M

ClientSampleId :

NB-01-080917-B

Tot Ion:172 Resp: 2057394

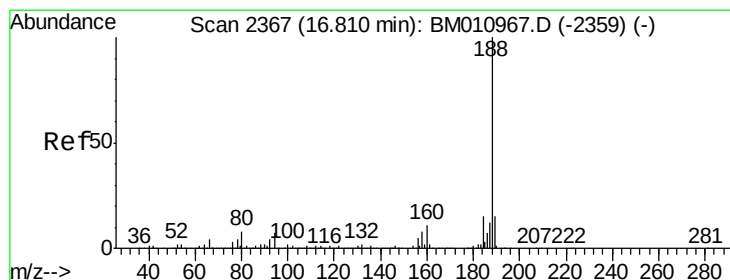
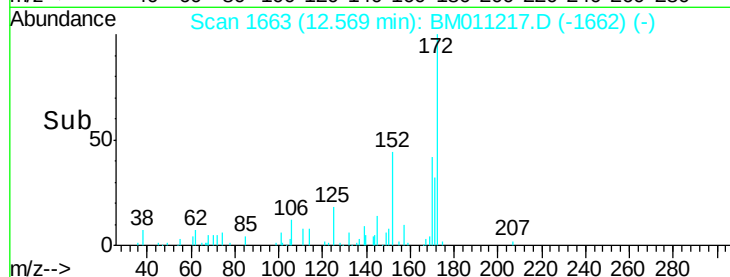
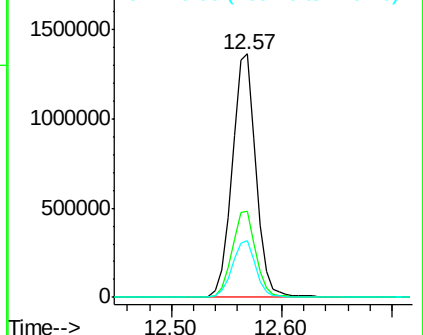
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.4	18.8	28.2



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

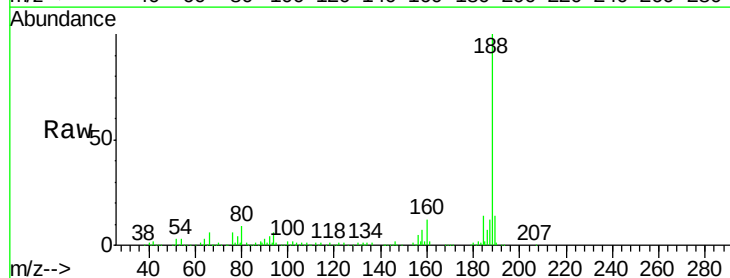
Delta R.T. -0.09 min

Lab File: BM011217.D

Acq: 12 Aug 2017 13:44

Tgt Ion:188 Resp: 585168

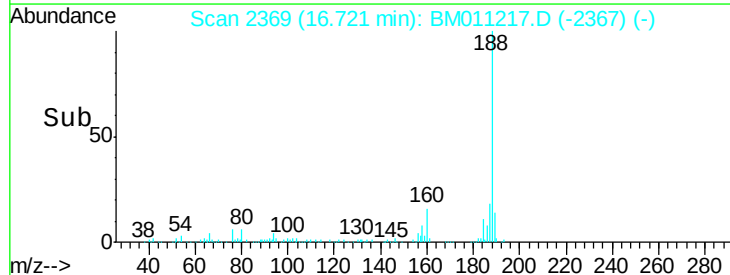
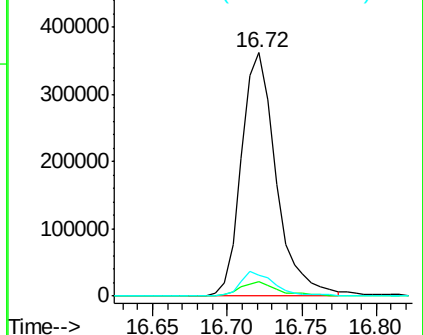
Ion	Ratio	Lower	Upper
188	100		
94	5.7	8.7	13.1#
80	8.8	9.3	13.9#

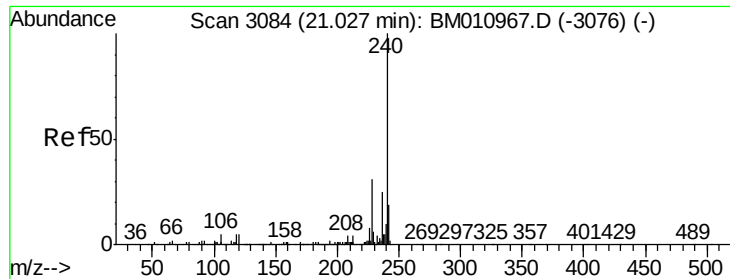


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM011217.D

Acq: 12 Aug 2017 13:44

Instrument :

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NB-01-080917-B

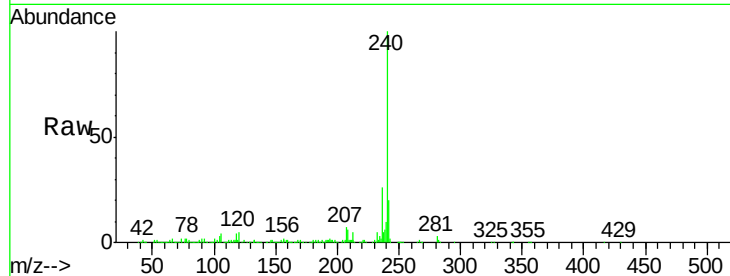
Tot Ion:240 Resp: 754635

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

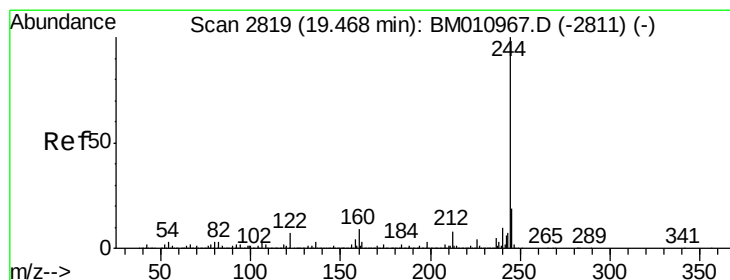
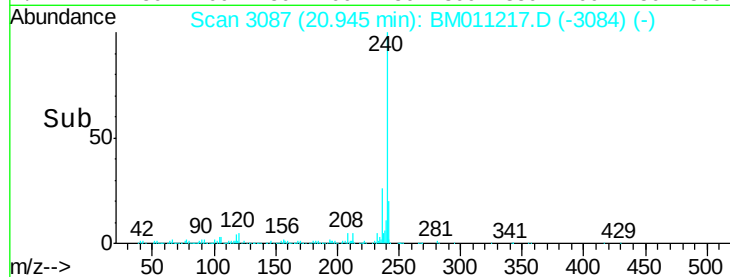
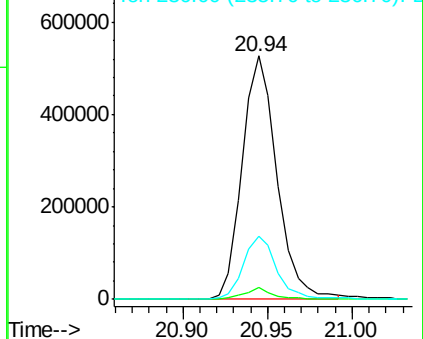
236 26.1 20.0 30.0



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: 90.96 ng

RT: 19.39 min Scan# 2822

Delta R.T. -0.08 min

Lab File: BM011217.D

Acq: 12 Aug 2017 13:44

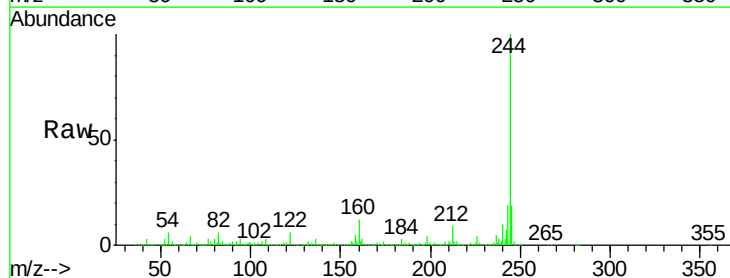
Tgt Ion:244 Resp: 3465354

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

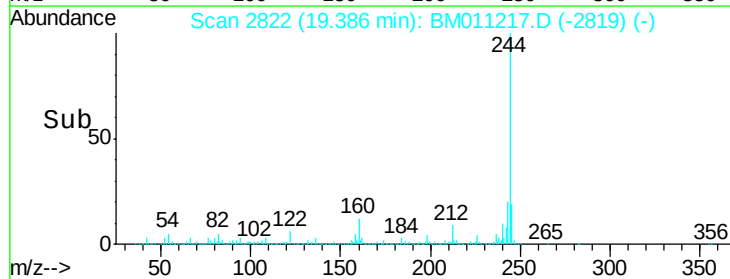
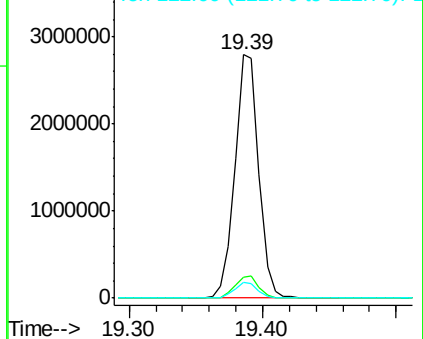
122 6.2 6.2 9.4

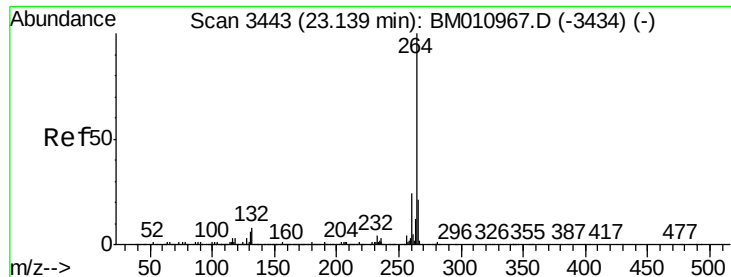


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. -0.12 min
 Lab File: BM011217.D
 Acq: 12 Aug 2017 13:44

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.0	17.3	25.9

