

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011334.D
 Acq On : 22 Aug 2017 19:22
 Operator : SJ/JU
 Sample : I4898-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-081817-A

Quant Time: Aug 23 02:34:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

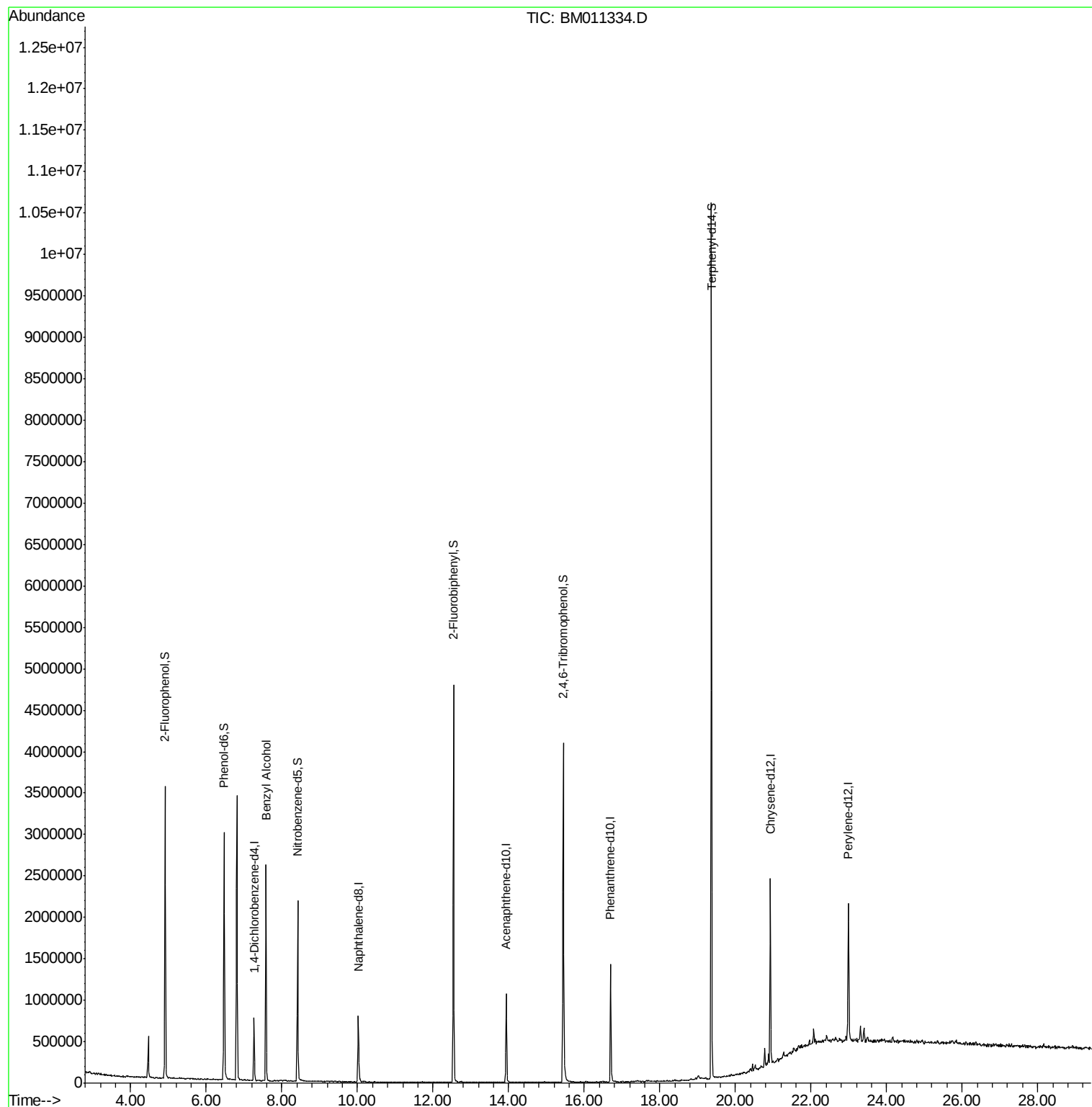
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	134342	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	464470	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	306440	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	792098	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	1051439	20.00	ng	-0.02
86) Perylene-d12	22.99	264	1109782	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	898274	113.03	ng	-0.02
7) Phenol-d6	6.47	99	1216343	107.72	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1265355	102.25	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	562568	114.54	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1971499	80.69	ng	-0.02
78) Terphenyl-d14	19.37	244	3837906	72.30	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.57	79	27371	2.53	ng	Qvalue # 41

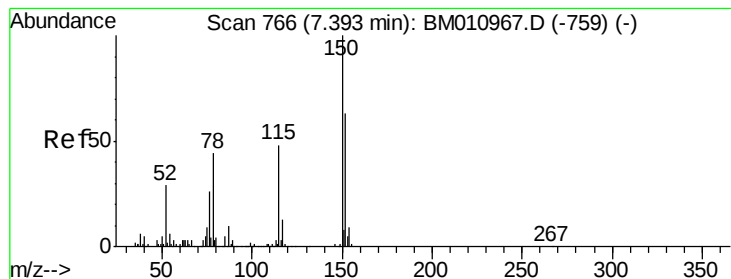
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 761

Delta R.T. -0.02 min

Lab File: BM011334.D

Acq: 22 Aug 2017 19:22

Instrument :

BNA_M

ClientSampleId :

NB-08-081817-A

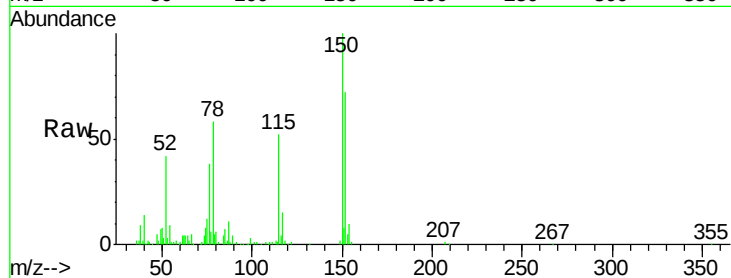
Tot Ion:152 Resp: 134342

Ion Ratio Lower Upper

152 100

150 138.2 119.5 179.3

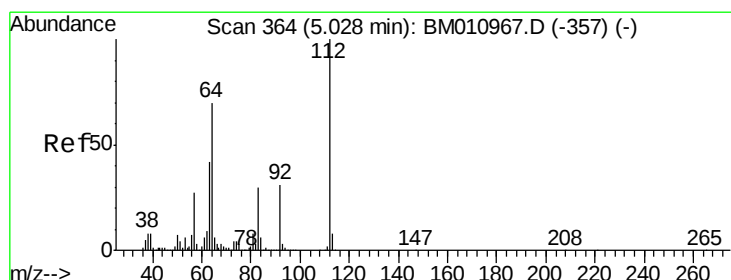
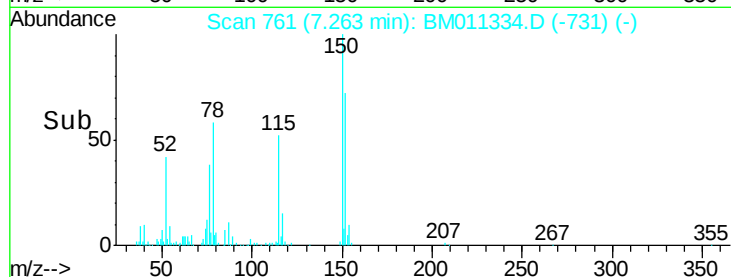
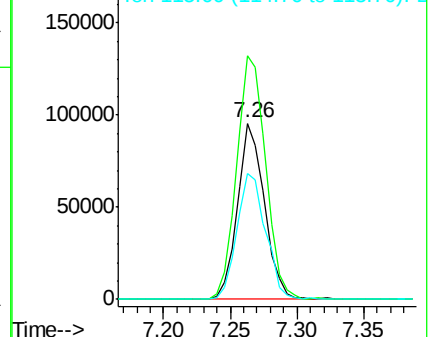
115 71.7 43.0 64.4#



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



#5

2-Fluorophenol

Concen: 113.03 ng

RT: 4.91 min Scan# 361

Delta R.T. -0.02 min

Lab File: BM011334.D

Acq: 22 Aug 2017 19:22

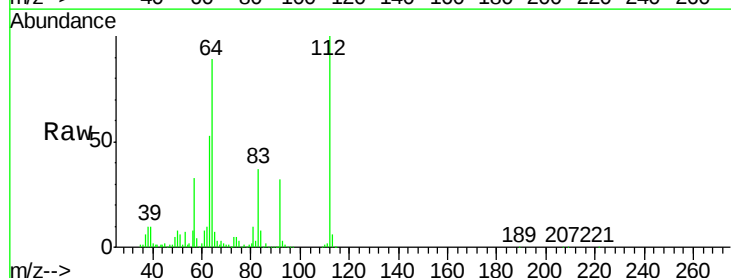
Tgt Ion:112 Resp: 898274

Ion Ratio Lower Upper

112 100

64 88.7 38.6 57.8#

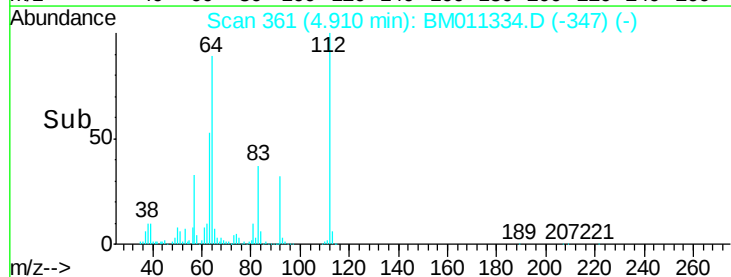
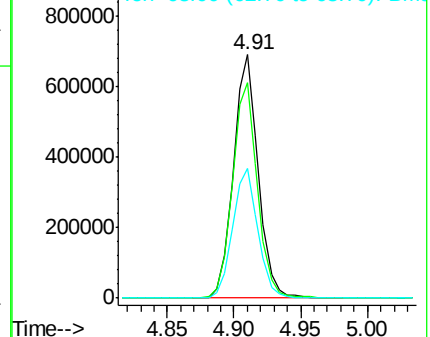
63 53.4 19.3 28.9#

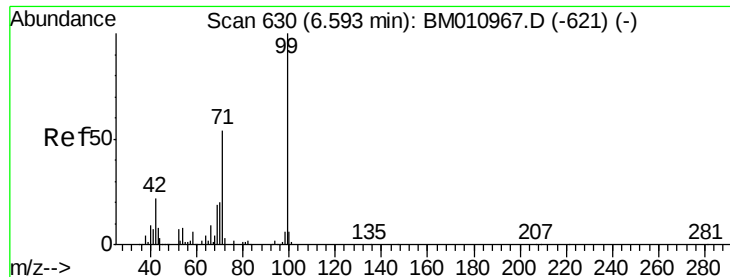


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 107.72 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011334.D

Acq: 22 Aug 2017 19:22

Instrument :

BNA_M

ClientSampleId :

NB-08-081817-A

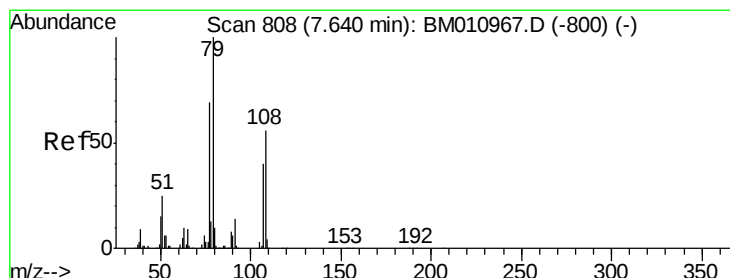
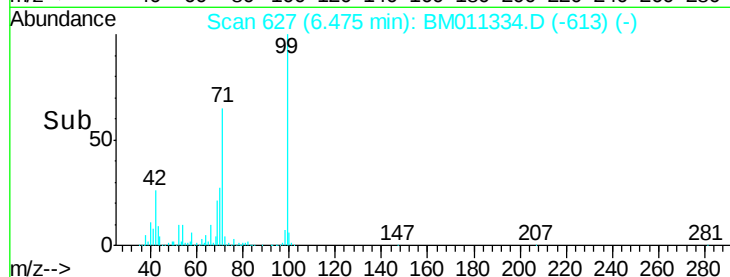
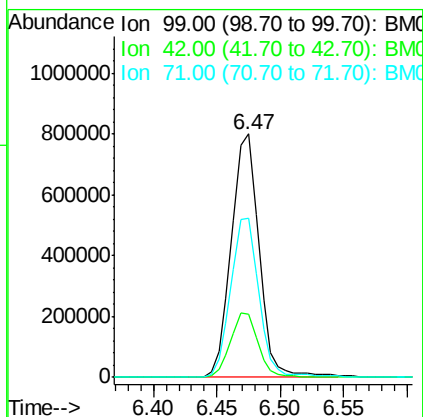
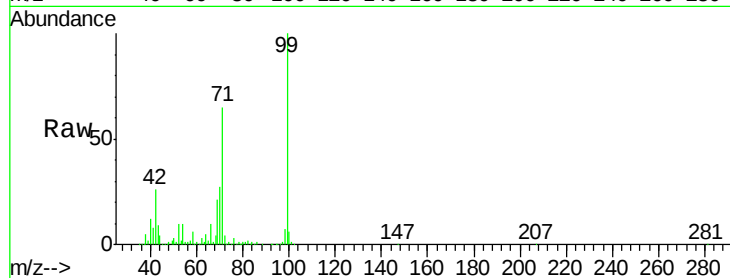
Tot Ion: 99 Resp: 1216343

Ion Ratio Lower Upper

99 100

42 25.9 11.0 16.4#

71 65.4 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.53 ng

RT: 7.57 min Scan# 814

Delta R.T. 0.04 min

Lab File: BM011334.D

Acq: 22 Aug 2017 19:22

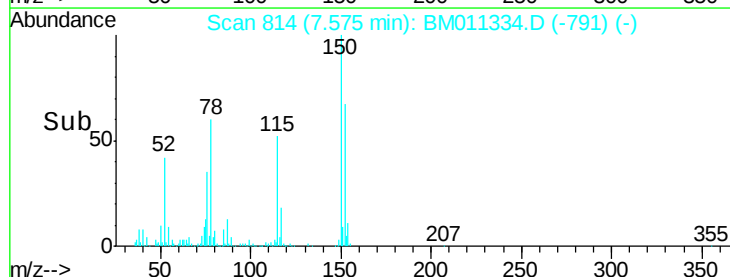
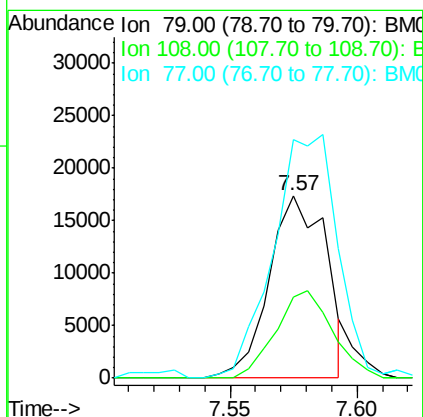
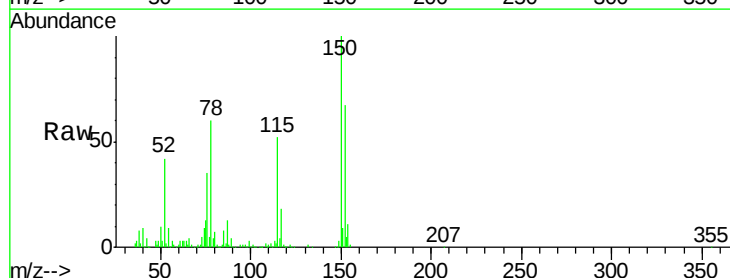
Tgt Ion: 79 Resp: 27371

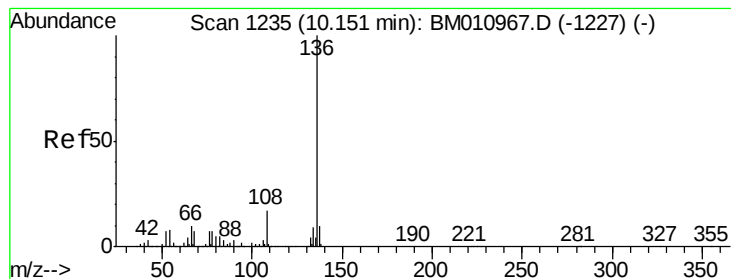
Ion Ratio Lower Upper

79 100

108 44.5 65.0 97.4#

77 130.9 53.0 79.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.02 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BM011334.D

Acq: 22 Aug 2017 19:22

Instrument :

BNA_M

ClientSampleId :

NB-08-081817-A

Tot Ion:136 Resp: 464470

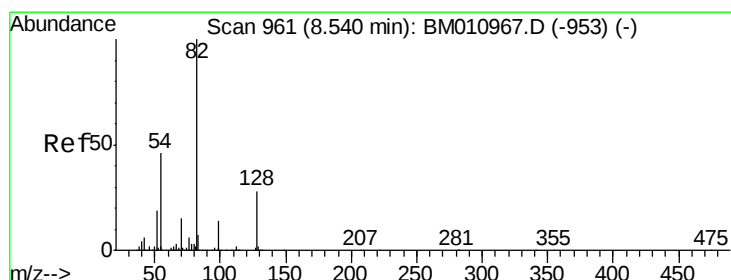
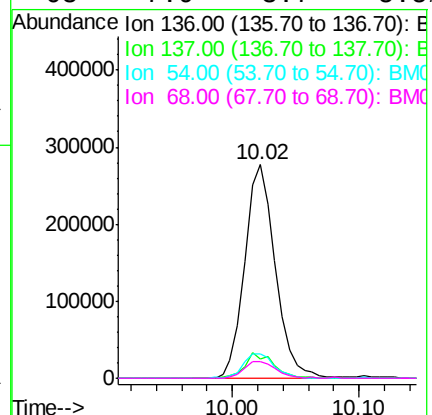
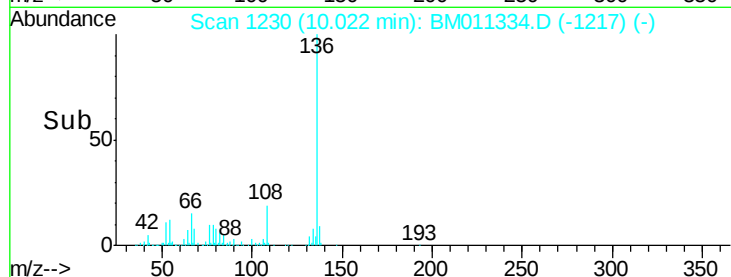
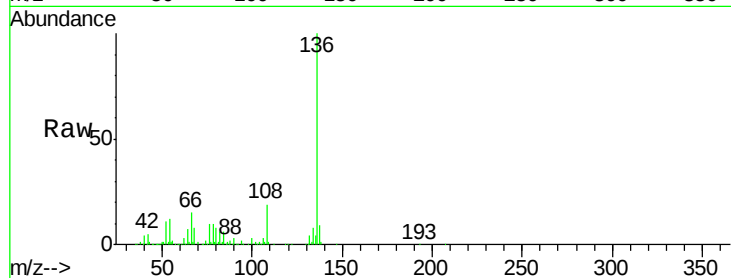
Ion Ratio Lower Upper

136 100

137 9.3 8.7 13.1

54 11.6 4.6 6.8#

68 7.9 3.7 5.5#



#23

Nitrobenzene-d5

Concen: 102.25 ng

RT: 8.42 min Scan# 957

Delta R.T. -0.02 min

Lab File: BM011334.D

Acq: 22 Aug 2017 19:22

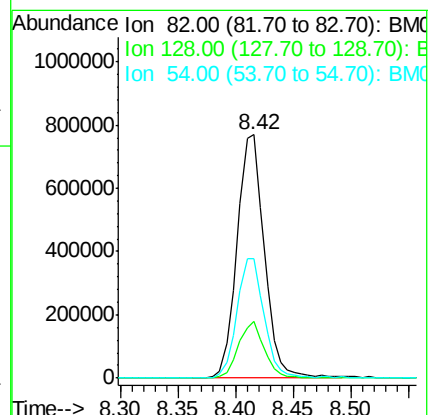
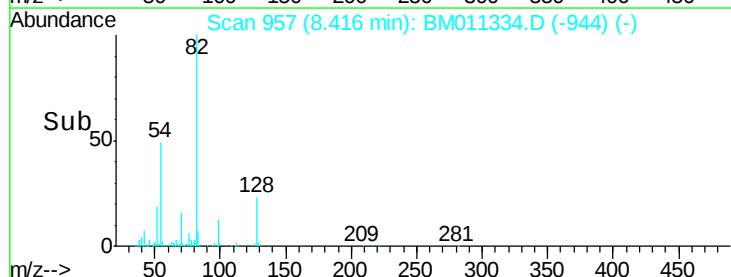
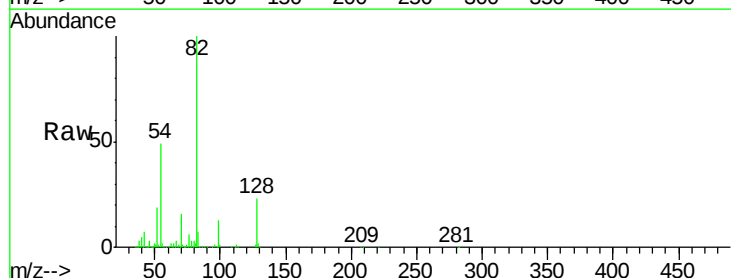
Tgt Ion: 82 Resp: 1265355

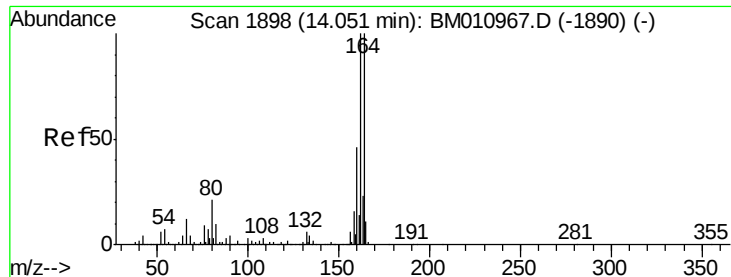
Ion Ratio Lower Upper

82 100

128 23.1 32.8 49.2#

54 48.8 40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.94 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BM011334.D

Acq: 22 Aug 2017 19:22

Instrument :

BNA_M

ClientSampleId :

NB-08-081817-A

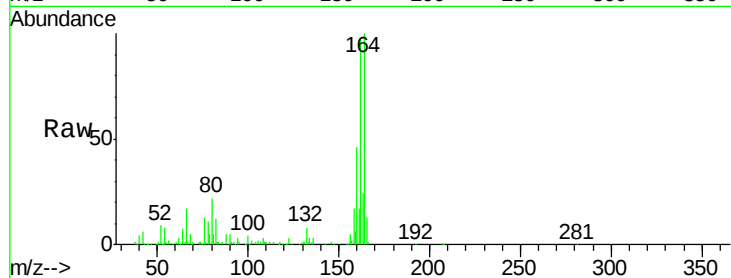
Tot Ion:164 Resp: 306440

Ion Ratio Lower Upper

164 100

162 97.3 82.4 123.6

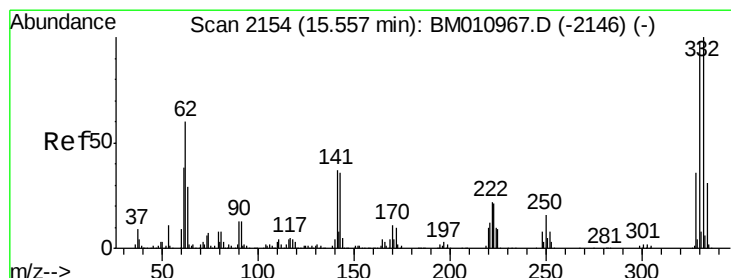
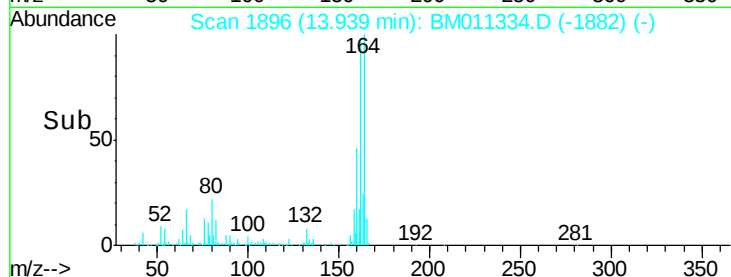
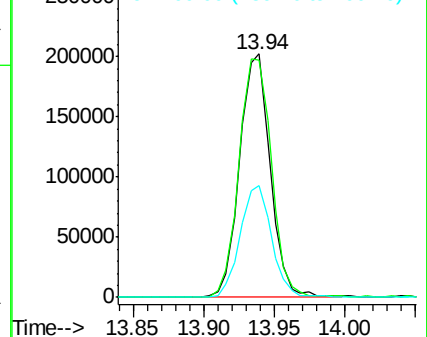
160 45.9 35.8 53.6



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: 114.54 ng

RT: 15.44 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BM011334.D

Acq: 22 Aug 2017 19:22

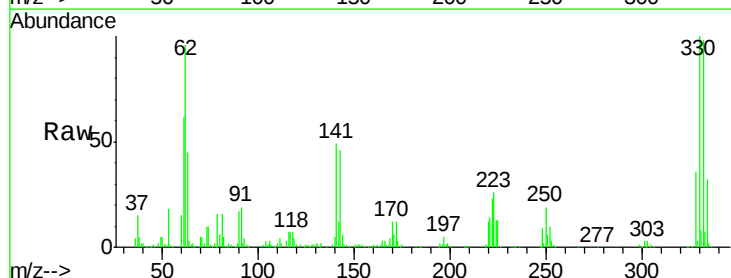
Tgt Ion:330 Resp: 562568

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

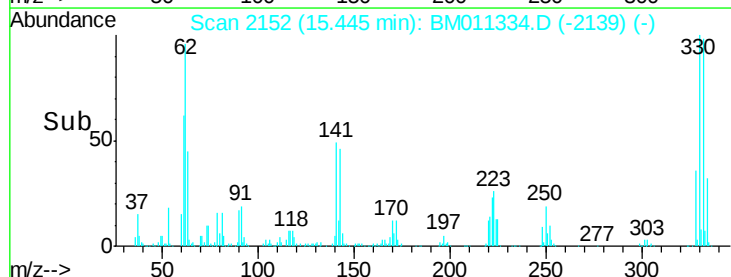
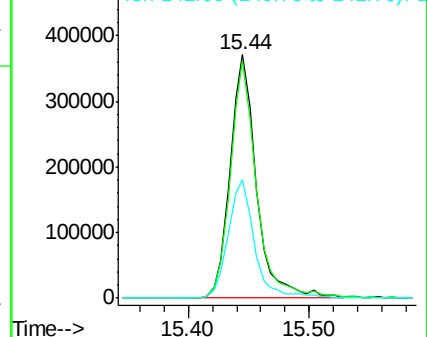
141 48.6 0.0 0.0#

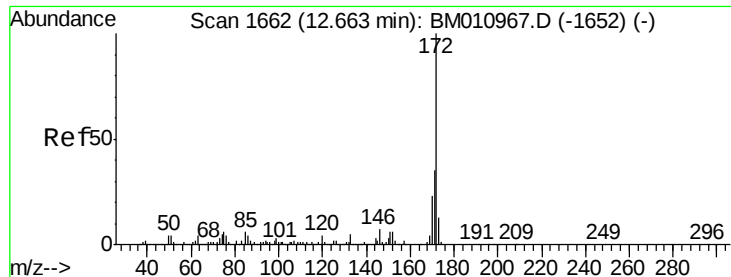


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



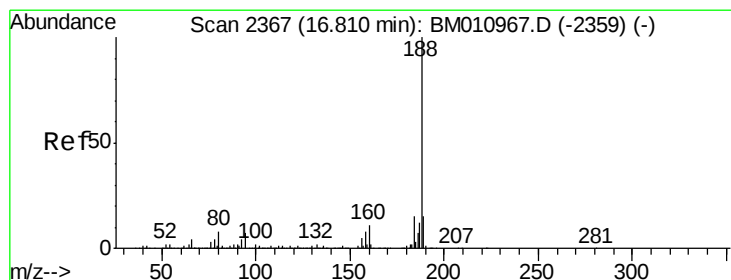
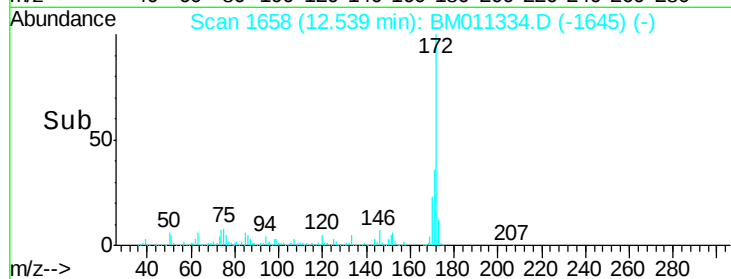
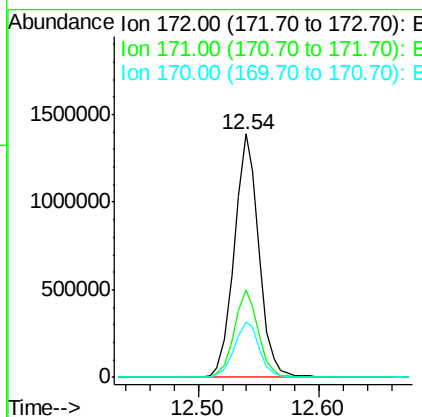
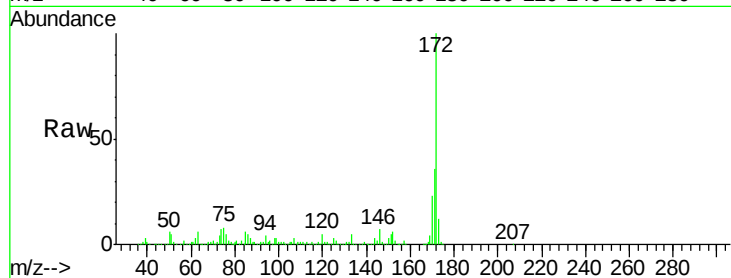


#44
 2-Fluorobiphenyl
 Concen: 80.69 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011334.D
 Acq: 22 Aug 2017 19:22

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-081817-A

Tot Ion:172 Resp: 1971499

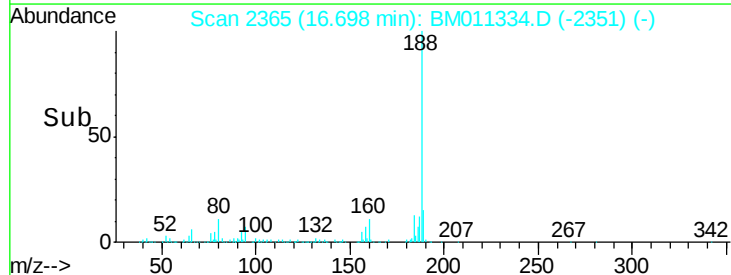
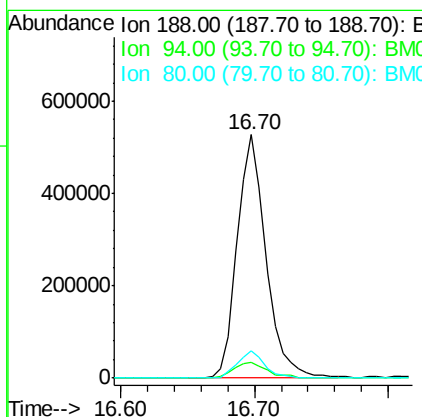
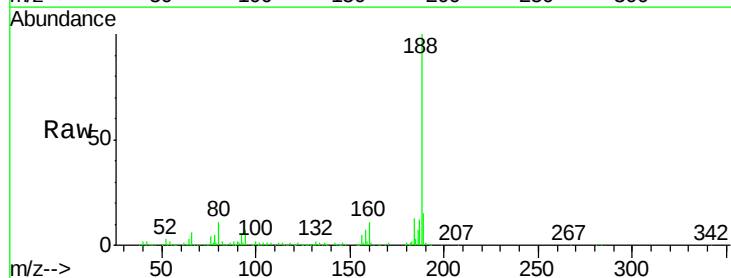
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.0	18.8	28.2

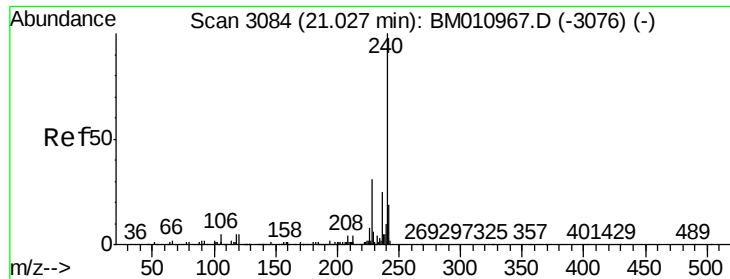


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.70 min Scan# 2365
 Delta R.T. -0.02 min
 Lab File: BM011334.D
 Acq: 22 Aug 2017 19:22

Tgt Ion:188 Resp: 792098

Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	11.5	9.3	13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.92 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM011334.D

Acq: 22 Aug 2017 19:22

Instrument :

BNA_M

ClientSampleId :

NB-08-081817-A

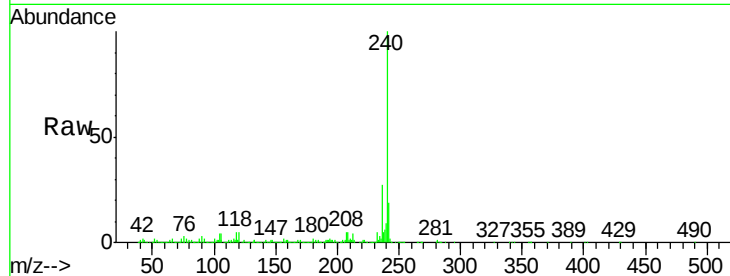
Tot Ion:240 Resp: 1051439

Ion Ratio Lower Upper

240 100

120 4.6 8.2 12.2#

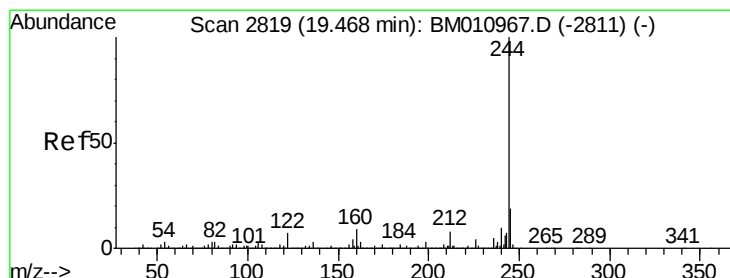
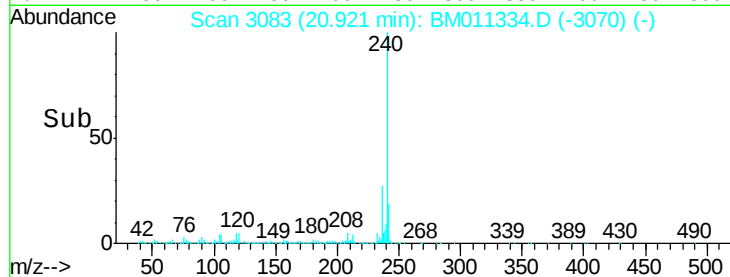
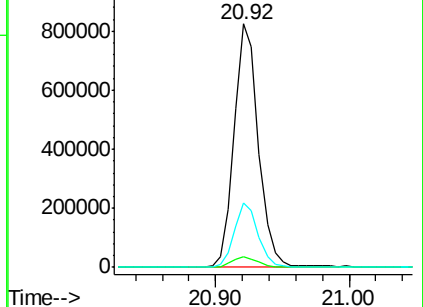
236 26.6 20.0 30.0



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: 72.30 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011334.D

Acq: 22 Aug 2017 19:22

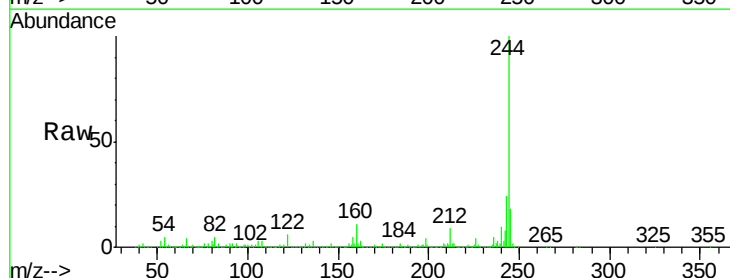
Tgt Ion:244 Resp: 3837906

Ion Ratio Lower Upper

244 100

212 9.2 4.9 7.3#

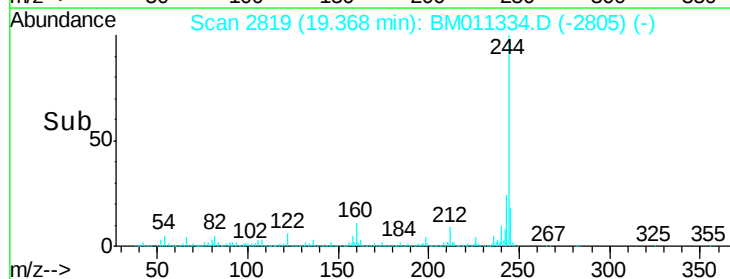
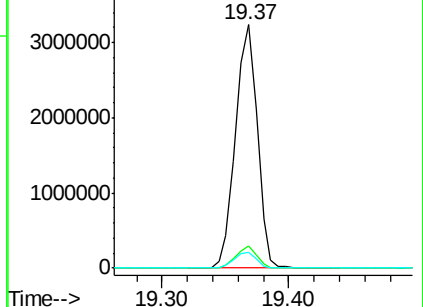
122 6.4 6.2 9.4

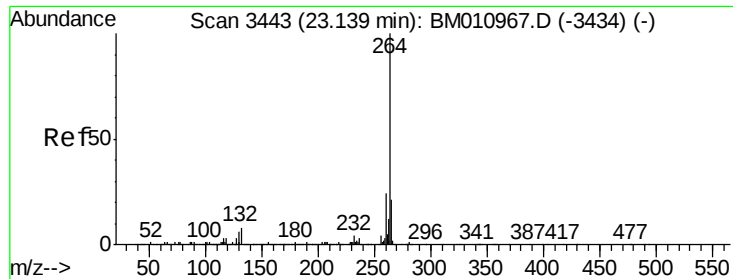


Abundance Ion 244.00 (243.70 to 244.70): E

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: 22.99 min Scan# 3435
Delta R.T. -0.03 min
Lab File: BM011334.D
Acq: 22 Aug 2017 19:22

Instrument :
BNA_M
ClientSampleId :
NB-08-081817-A

Tot Ion:264 Resp: 1109782

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.7	17.3	25.9

