

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011112.D
 Acq On : 03 Aug 2017 06:06
 Operator : SJ/JU
 Sample : I4541-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11944

Quant Time: Aug 03 06:48:58 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	7.38	152	182218	20.00	ng	-0.01
21) Naphthalene-d8	10.13	136	691912	20.00	ng	-0.02
38) Acenaphthene-d10	14.03	164	463547	20.00	ng	-0.02
63) Phenanthrene-d10	16.79	188	1090652	20.00	ng	-0.02
75) Chrysene-d12	21.01	240	1072456	20.00	ng	-0.02
86) Perylene-d12	23.12	264	1045128	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	883485	81.96	ng	0.00
7) Phenol-d6	6.58	99	1216938	79.46	ng	-0.02
23) Nitrobenzene-d5	8.52	82	1692143	91.79	ng	-0.02
41) 2,4,6-Tribromophenol	15.54	330	654420	88.08	ng	-0.02
44) 2-Fluorobiphenyl	12.65	172	3291367	89.05	ng	-0.02
78) Terphenyl-d14	19.46	244	4671340	86.28	ng	-0.01

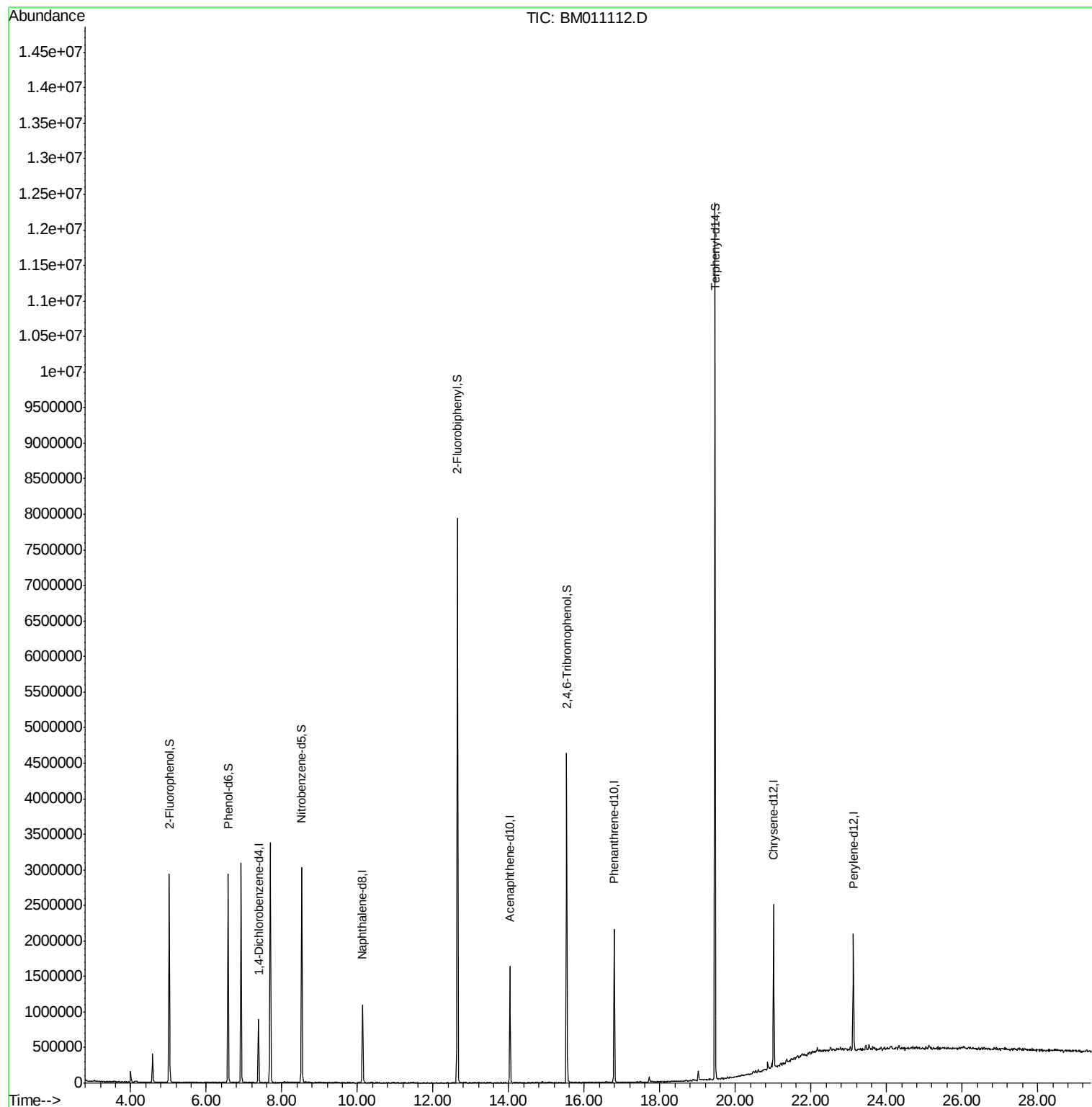
Target Compounds Qvalue

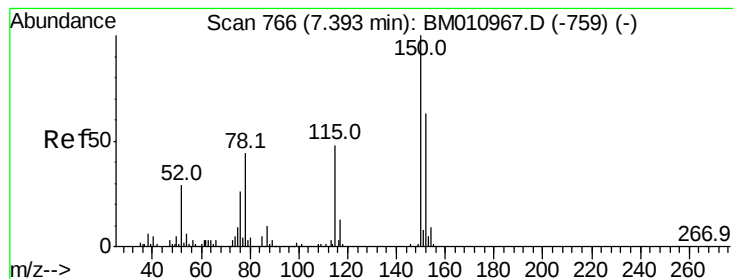
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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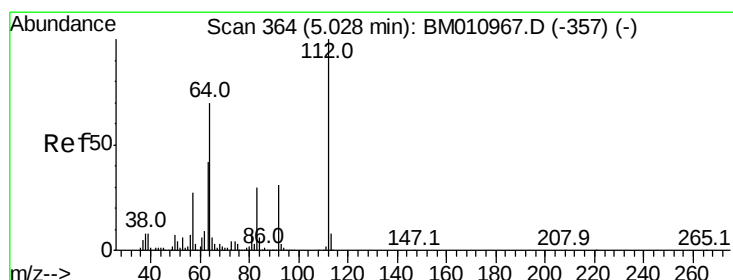
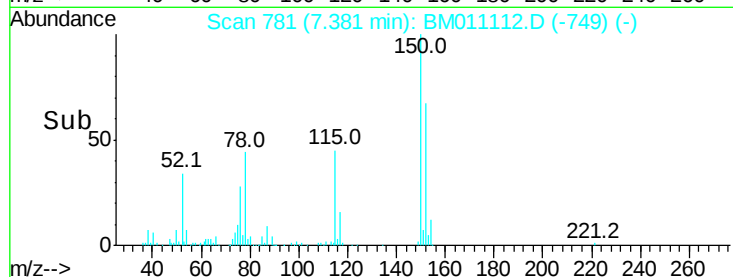
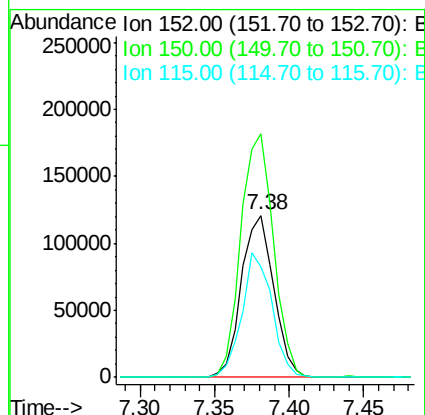
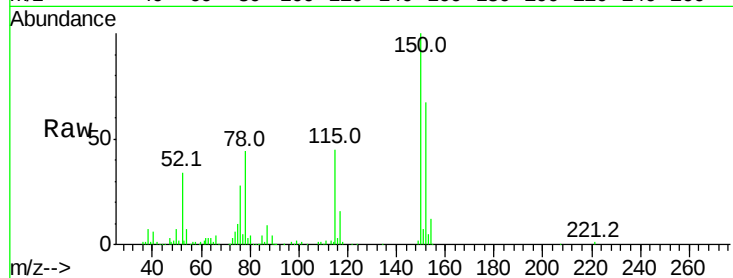


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011112.D
Acq: 03 Aug 2017 06:06

Instrument :
BNA_M
ClientSampleId :
72-11944

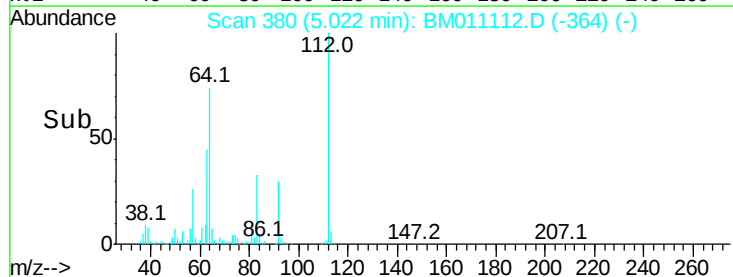
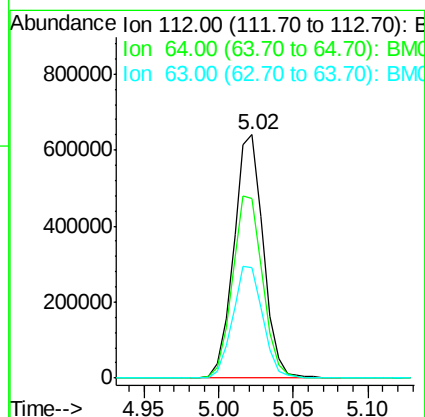
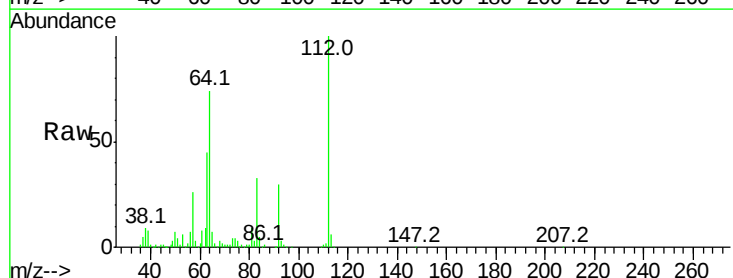
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	119.5	179.3
115	68.1	43.0	64.4#

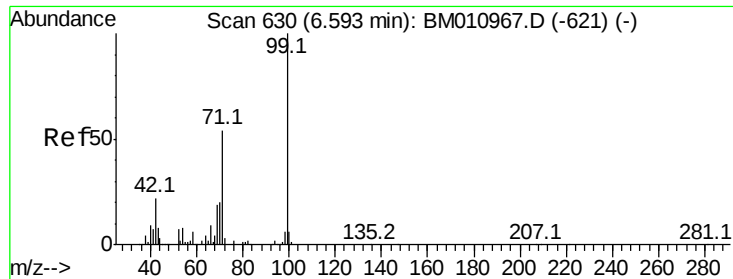


#5

2-Fluorophenol
Concen: 81.961 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011112.D
Acq: 03 Aug 2017 06:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.6	38.6	57.8#
63	45.2	19.3	28.9#





#7

Phenol-d6

Concen: 79.458 ng

RT: 6.58 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM011112.D

Acq: 03 Aug 2017 06:06

Instrument :

BNA_M

ClientSampleId :

72-11944

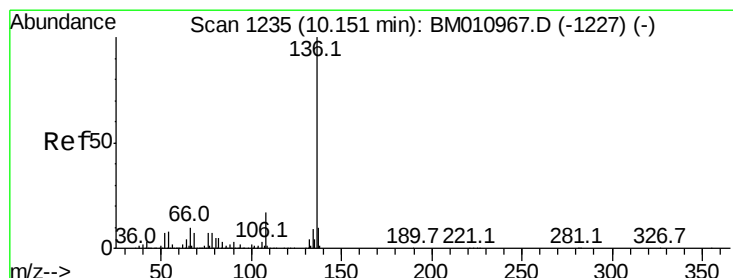
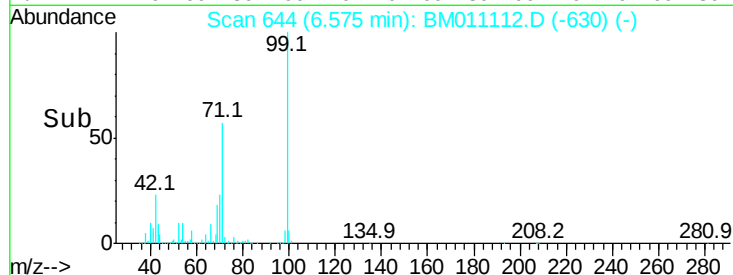
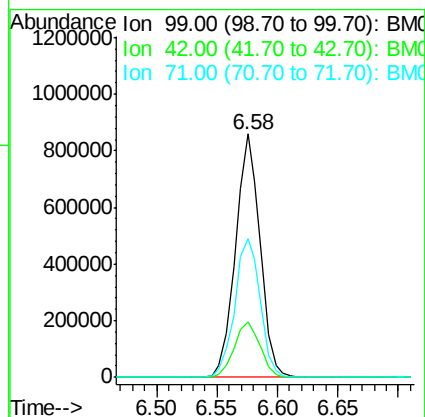
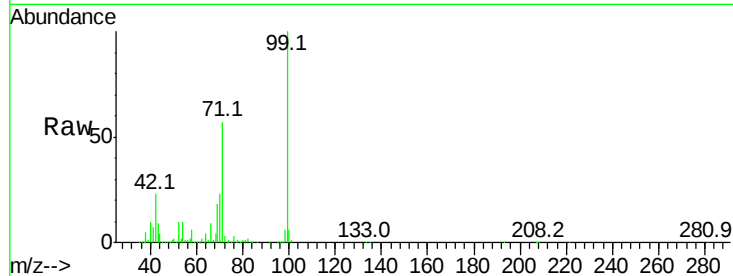
Tot Ion: 99 Resp: 1216938

Ion Ratio Lower Upper

99 100

42 22.9 11.0 16.4#

71 56.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.13 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BM011112.D

Acq: 03 Aug 2017 06:06

Tgt Ion: 136 Resp: 691912

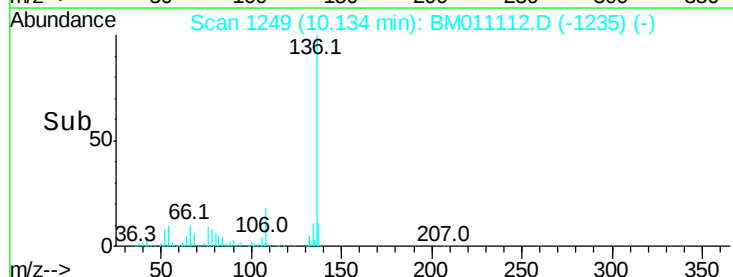
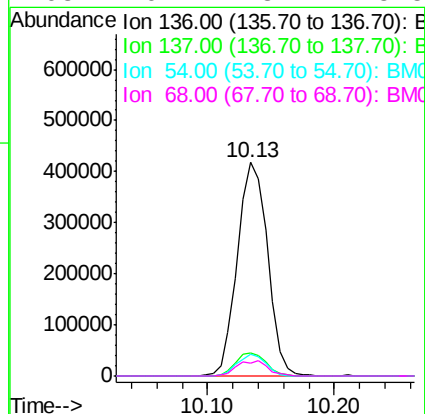
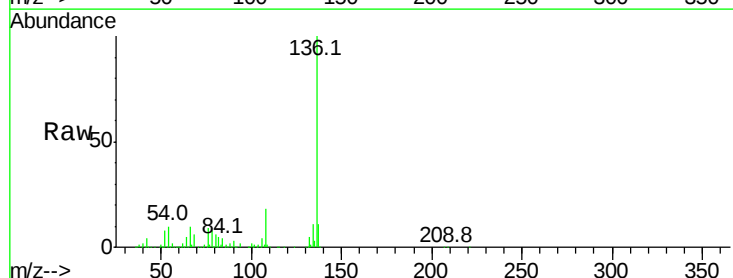
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.3 4.6 6.8#

68 6.1 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 91.787 ng

RT: 8.52 min Scan# 975

Delta R.T. -0.02 min

Lab File: BM011112.D

Acq: 03 Aug 2017 06:06

Instrument :

BNA_M

ClientSampleId :

72-11944

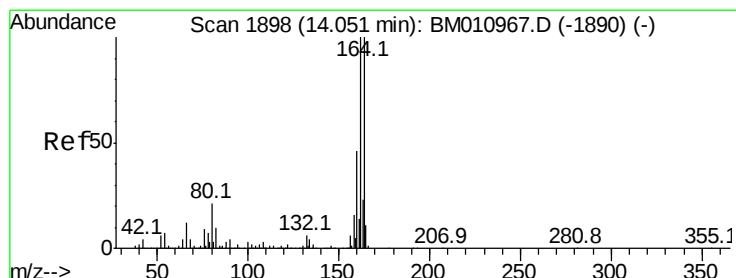
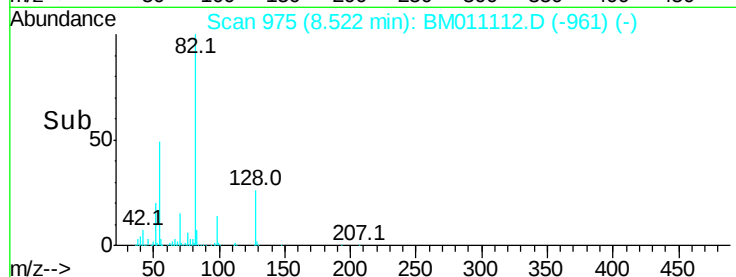
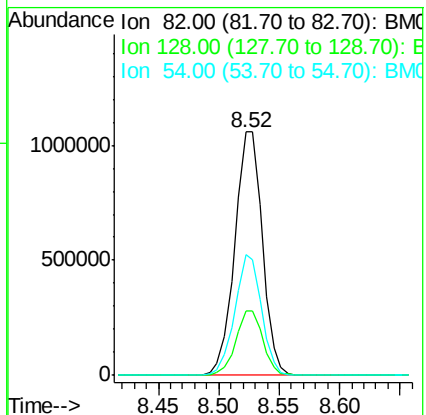
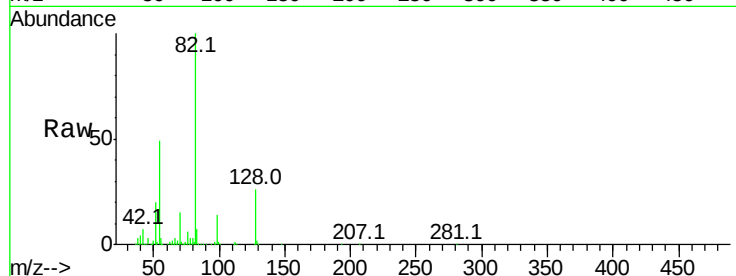
Tot Ion: 82 Resp: 1692143

Ion Ratio Lower Upper

82 100

128 26.5 32.8 49.2#

54 49.4 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.03 min Scan# 1912

Delta R.T. -0.02 min

Lab File: BM011112.D

Acq: 03 Aug 2017 06:06

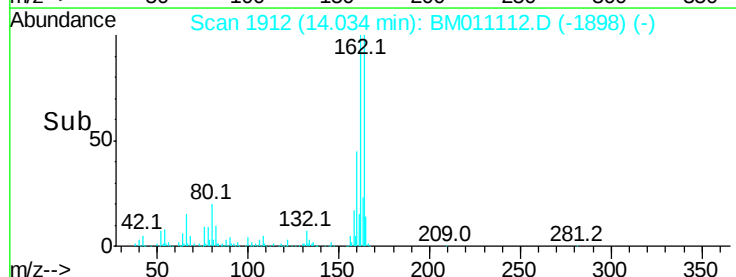
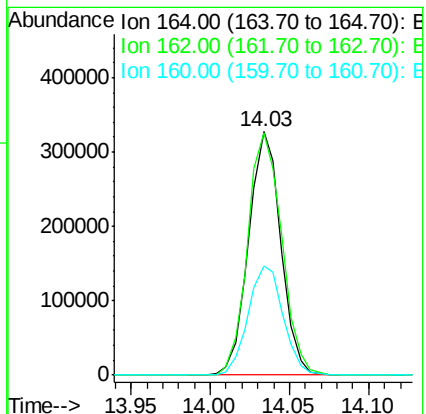
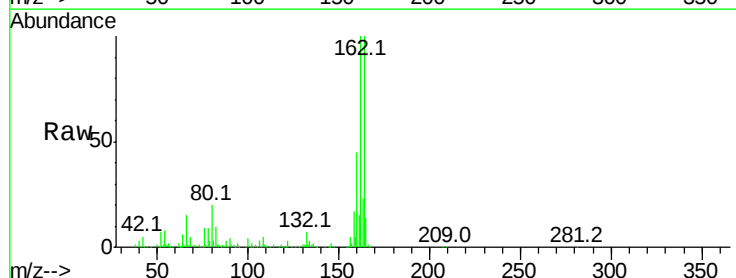
Tgt Ion:164 Resp: 463547

Ion Ratio Lower Upper

164 100

162 99.6 82.4 123.6

160 44.6 35.8 53.6

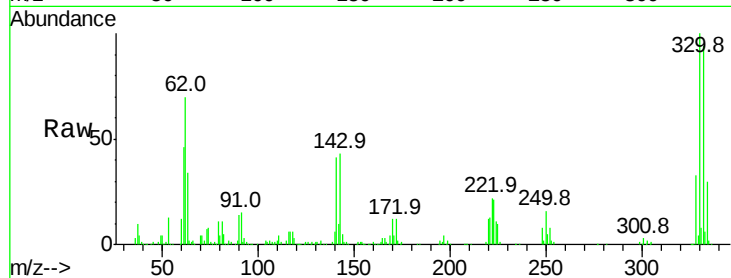




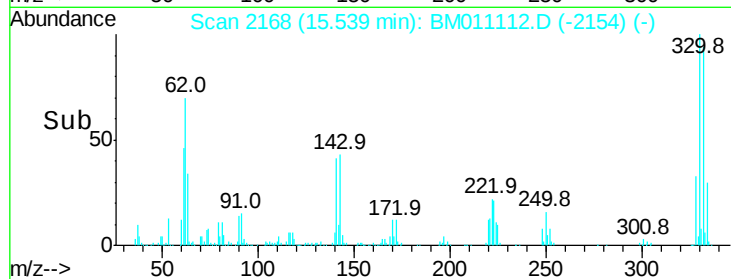
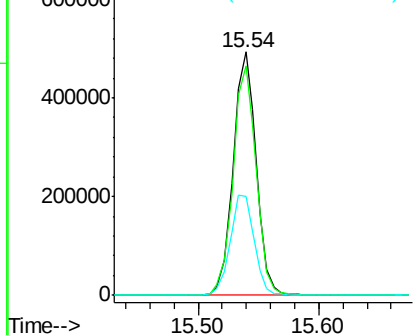
#41
 2,4,6-Tribromophenol
 Concen: 88.082 ng
 RT: 15.54 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM011112.D
 Acq: 03 Aug 2017 06:06

Instrument :
 BNA_M
 ClientSampleId :
 72-11944

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	43.4	0.0	0.0#

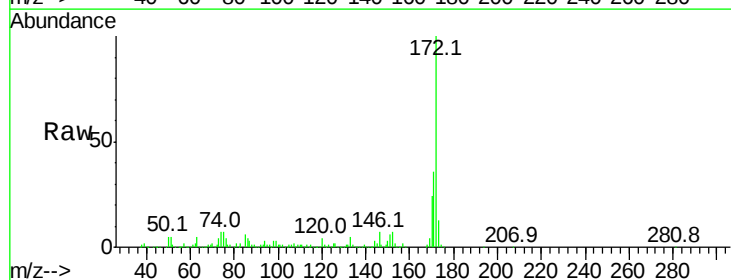


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

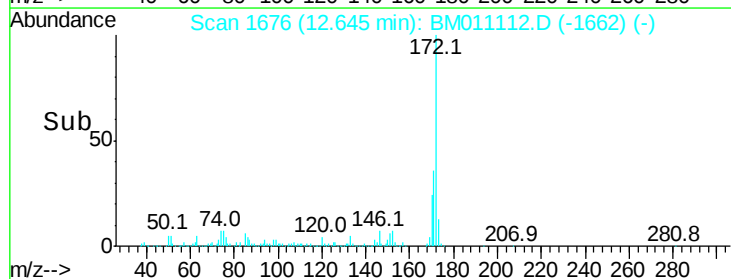
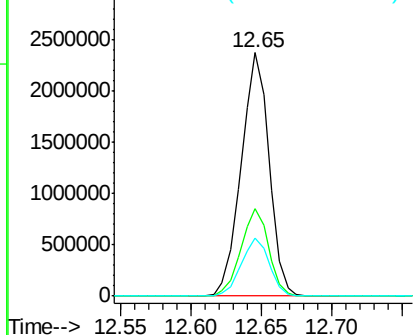


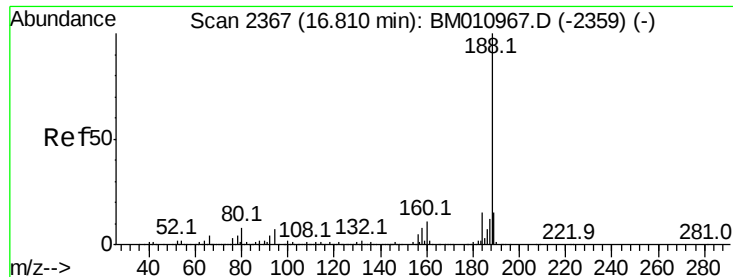
#44
 2-Fluorobiphenyl
 Concen: 89.049 ng
 RT: 12.65 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM011112.D
 Acq: 03 Aug 2017 06:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.8	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

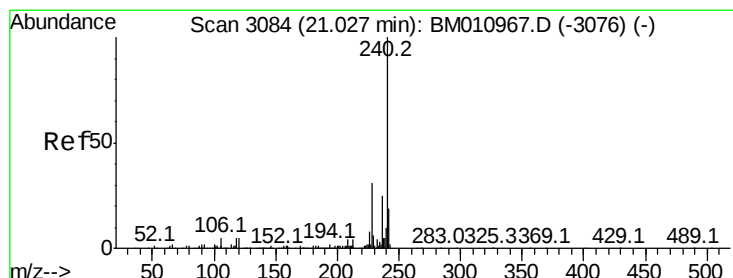
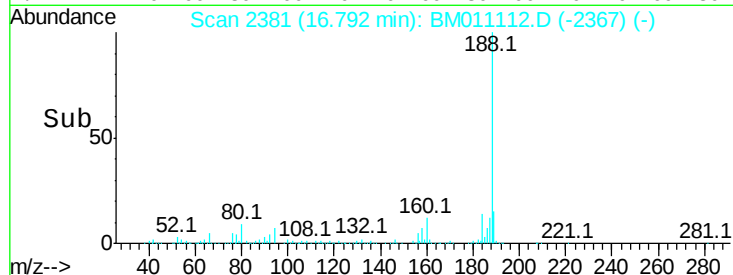
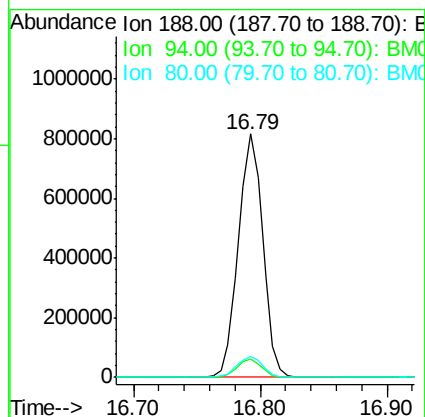
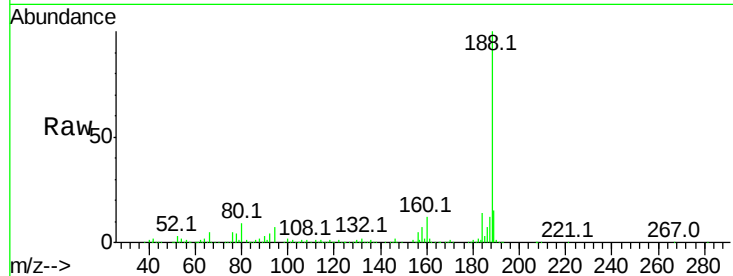




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.79 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM011112.D
Acq: 03 Aug 2017 06:06

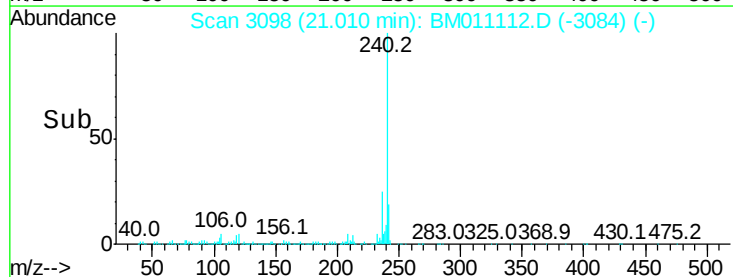
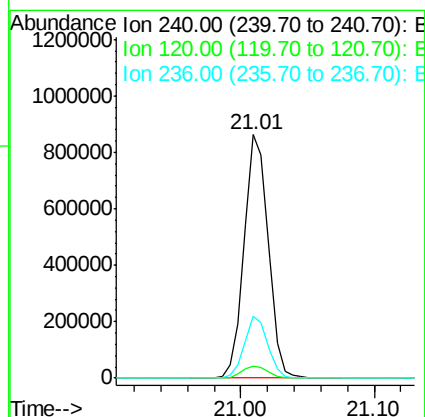
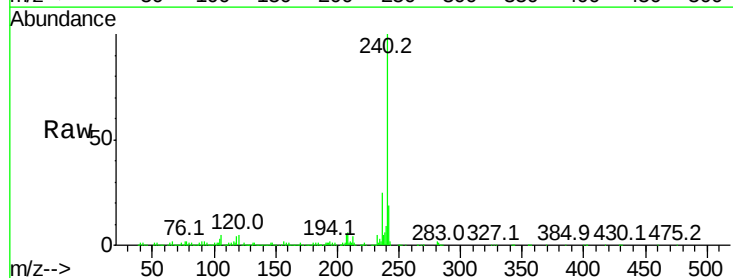
Instrument :
BNA_M
ClientSampled :
72-11944

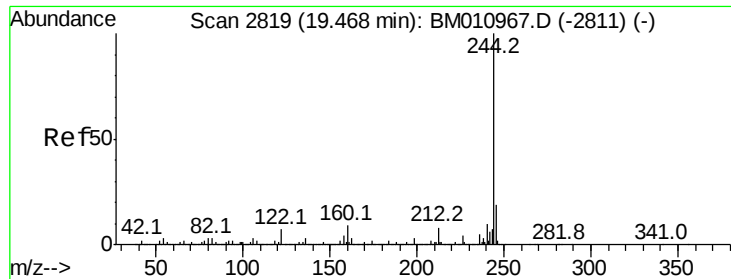
Tot Ion:188 Resp: 1090652
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 8.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3098
Delta R.T. -0.02 min
Lab File: BM011112.D
Acq: 03 Aug 2017 06:06

Tgt Ion:240 Resp: 1072456
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 25.5 20.0 30.0





#78

Terphenyl-d14

Concen: 86.282 ng

RT: 19.46 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM011112.D

Acq: 03 Aug 2017 06:06

Instrument :

BNA_M

ClientSampled :

72-11944

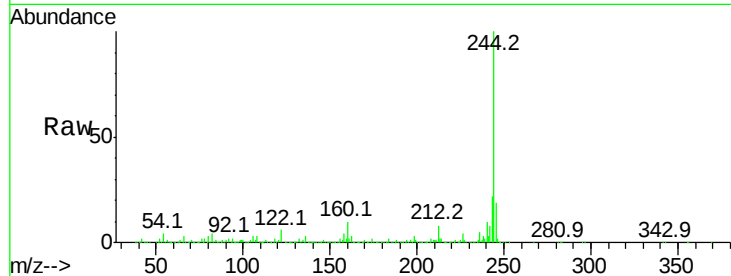
Tot Ion:244 Resp: 4671340

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

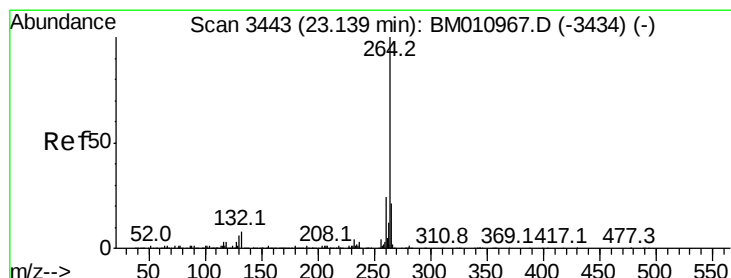
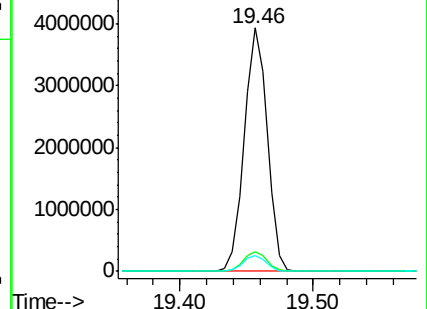
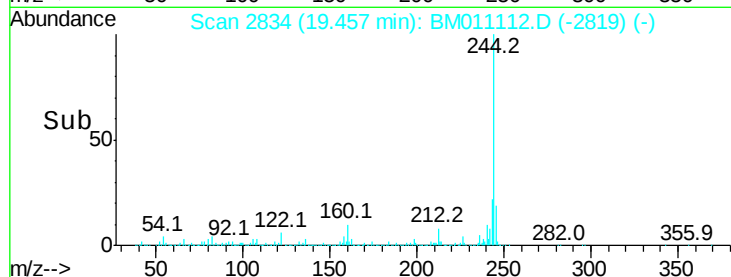
122 6.3 6.2 9.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.12 min Scan# 3457

Delta R.T. -0.02 min

Lab File: BM011112.D

Acq: 03 Aug 2017 06:06

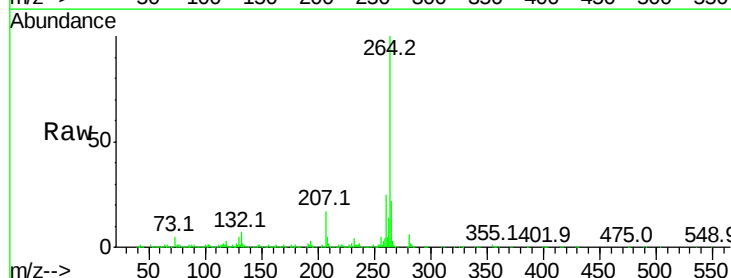
Tgt Ion:264 Resp: 1045128

Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

265 22.3 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

