

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011061.D
 Acq On : 29 Jul 2017 02:44
 Operator : SJ/JU
 Sample : I4466-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-072617

Quant Time: Jul 29 04:01:01 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

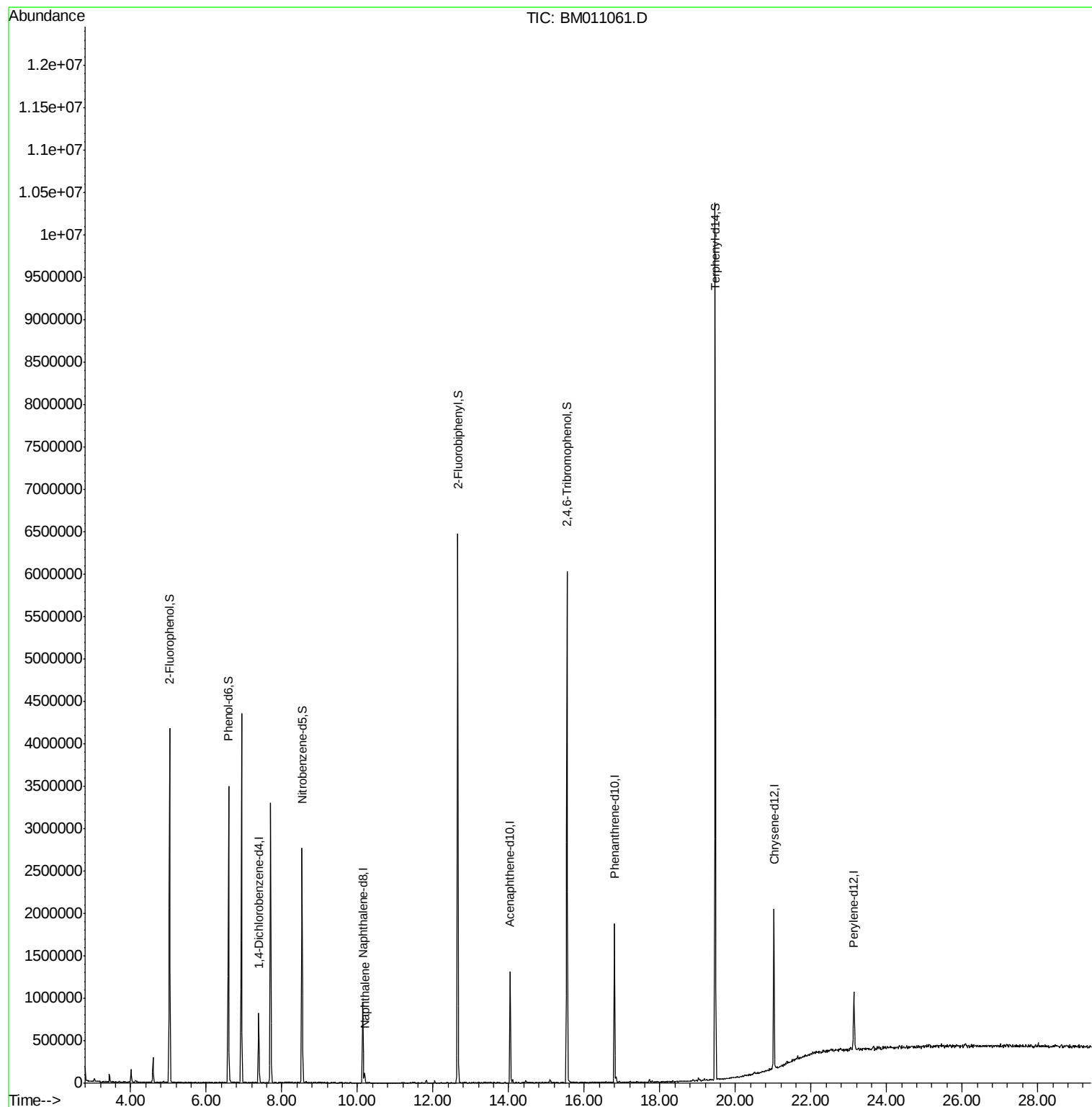
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	160967	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	585173	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	363134	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	937975	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	871826	20.00	ng	0.00
86) Perylene-d12	23.13	264	311661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1169918	122.86	ng	0.00
7) Phenol-d6	6.59	99	1429456	105.66	ng	0.00
23) Nitrobenzene-d5	8.53	82	1493705	95.80	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	798343	137.17	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2681625	92.61	ng	-0.01
78) Terphenyl-d14	19.46	244	3878864	88.13	ng	0.00
Target Compounds						
31) Naphthalene	10.19	128	63001	2.140	ng	Qvalue 97

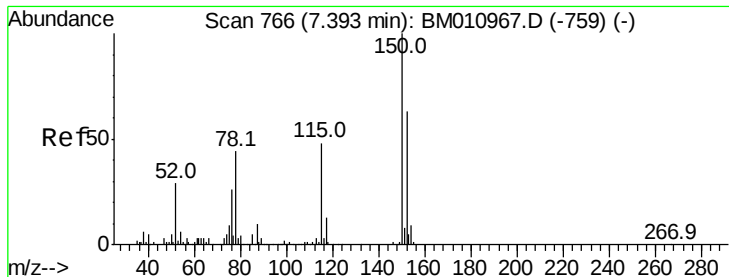
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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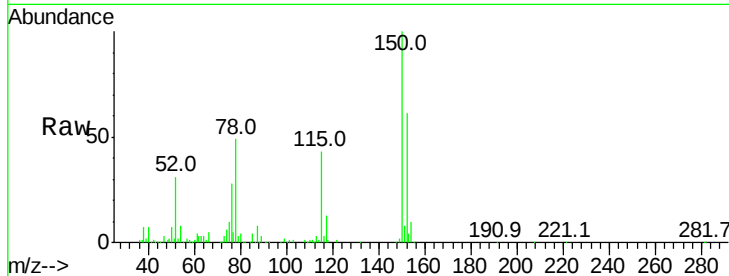


#1

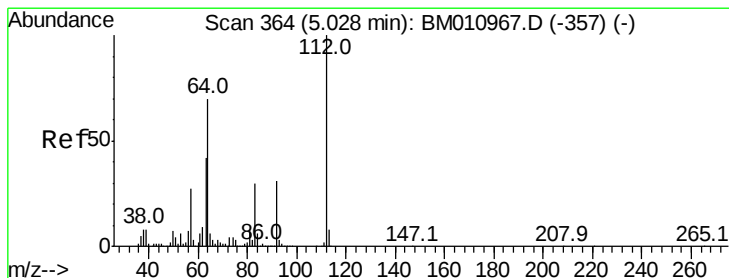
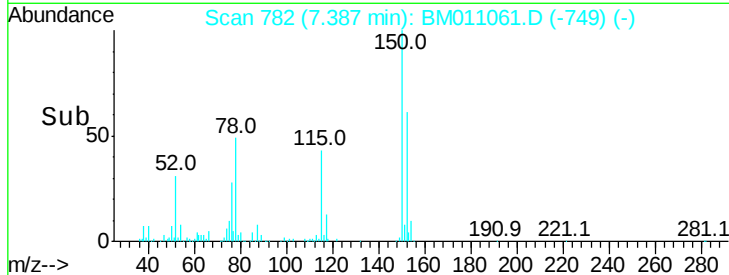
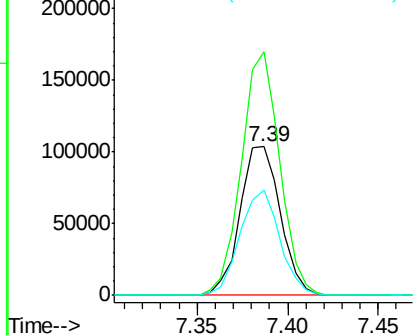
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011061.D
Acq: 29 Jul 2017 02:44

Instrument :
BNA_M
ClientSampleId :
HD-02-072617

Tot Ion:152 Resp: 160967
Ion Ratio Lower Upper
152 100
150 163.6 119.5 179.3
115 70.8 43.0 64.4#



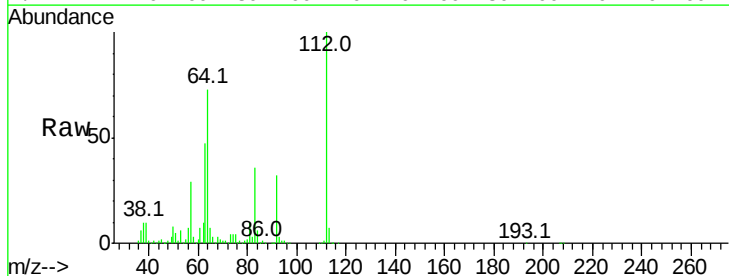
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



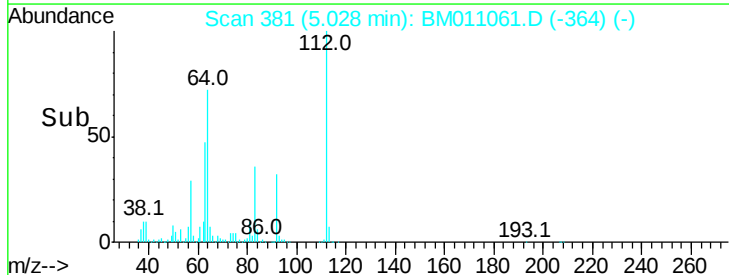
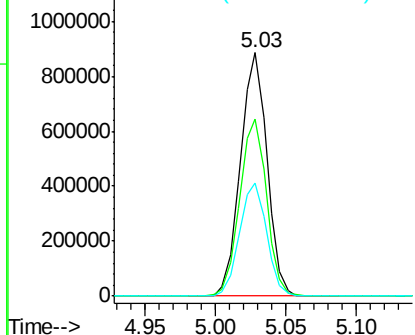
#5

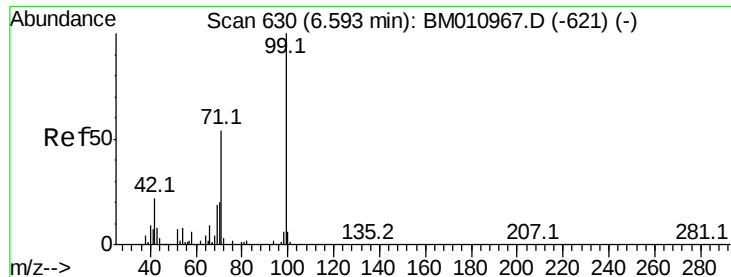
2-Fluorophenol
Concen: 122.862 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011061.D
Acq: 29 Jul 2017 02:44

Tgt Ion:112 Resp: 1169918
Ion Ratio Lower Upper
112 100
64 72.5 38.6 57.8#
63 46.7 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: 105.656 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011061.D

Acq: 29 Jul 2017 02:44

Instrument :

BNA_M

ClientSampleId :

HD-02-072617

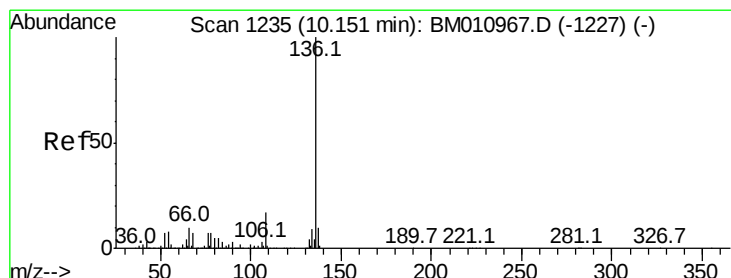
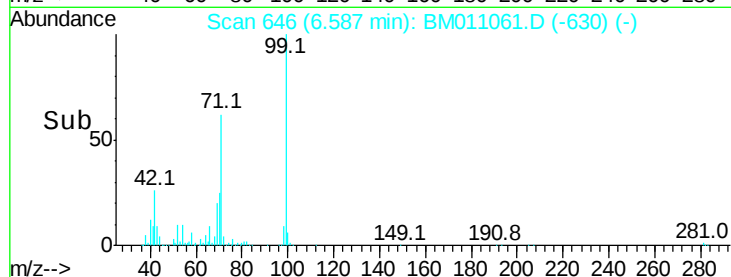
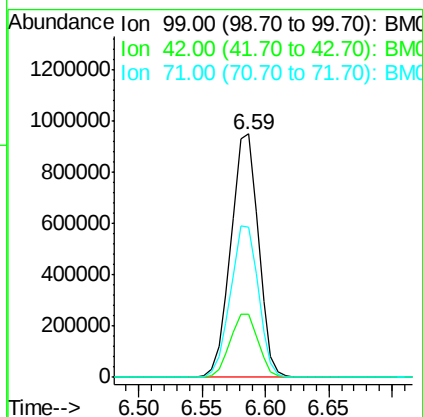
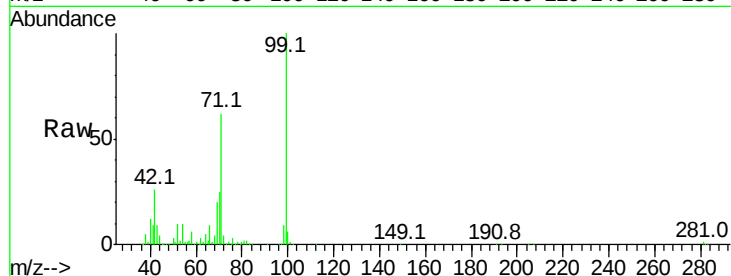
Tot Ion: 99 Resp: 1429456

Ion Ratio Lower Upper

99 100

42 25.8 11.0 16.4#

71 61.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM011061.D

Acq: 29 Jul 2017 02:44

Tgt Ion: 136 Resp: 585173

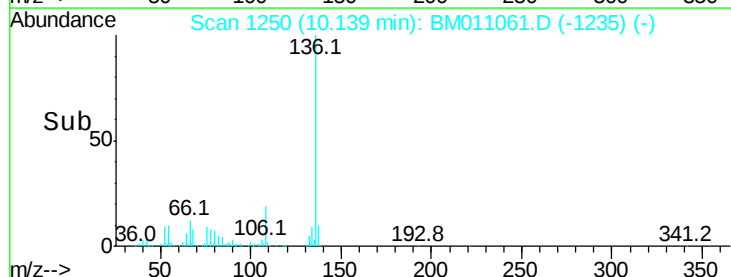
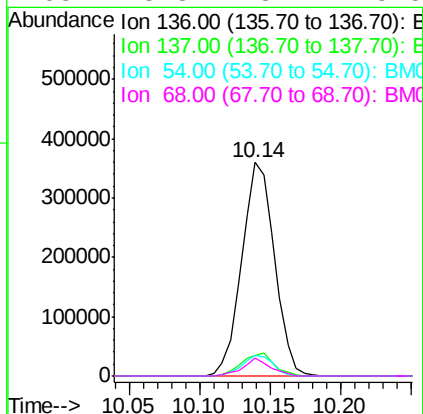
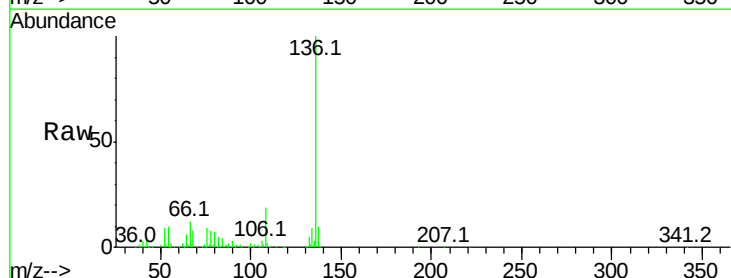
Ion Ratio Lower Upper

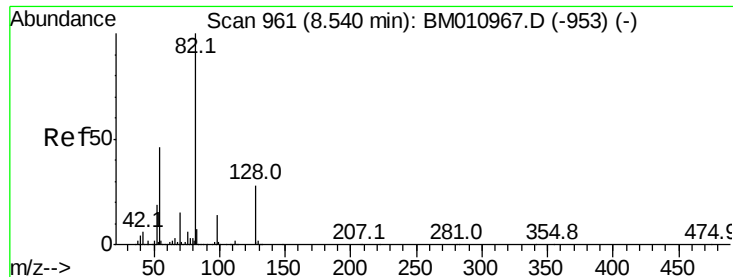
136 100

137 9.5 8.7 13.1

54 9.8 4.6 6.8#

68 8.3 3.7 5.5#



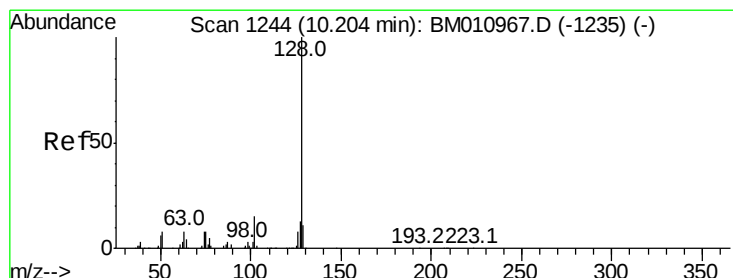
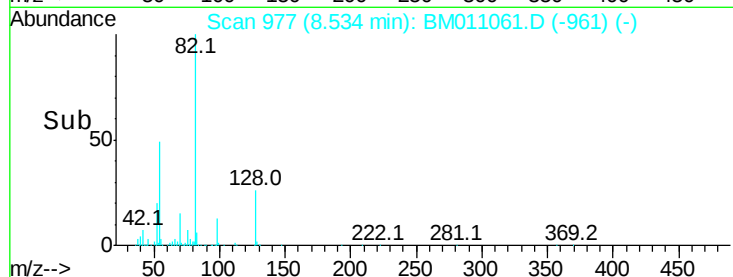
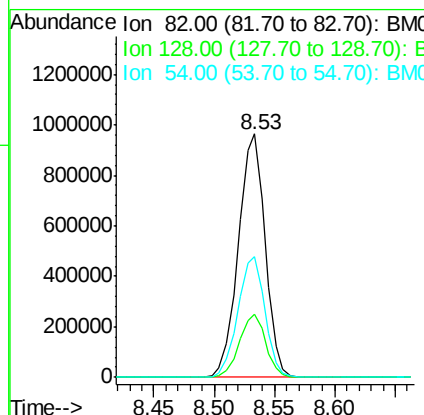
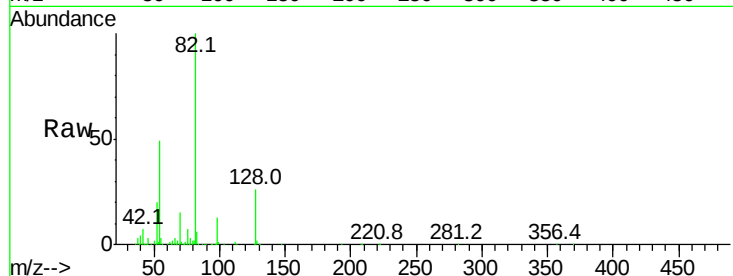


#23
 Nitrobenzene-d5
 Concen: 95.803 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011061.D
 Acq: 29 Jul 2017 02:44

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-072617

Tot Ion: 82 Resp: 1493705

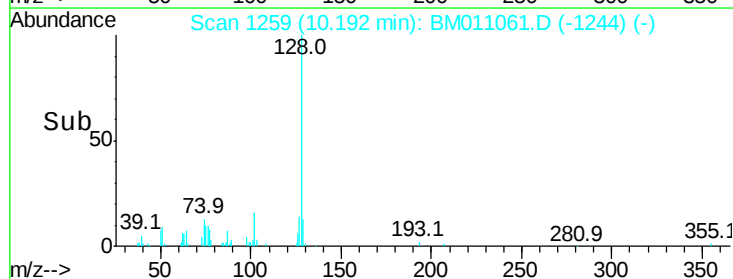
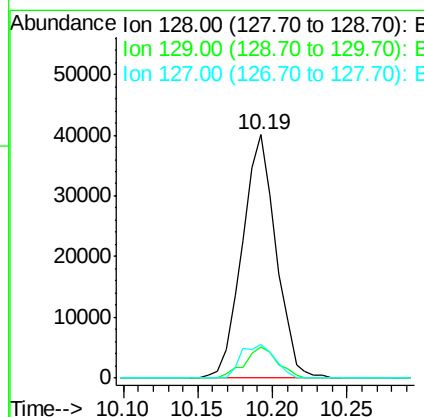
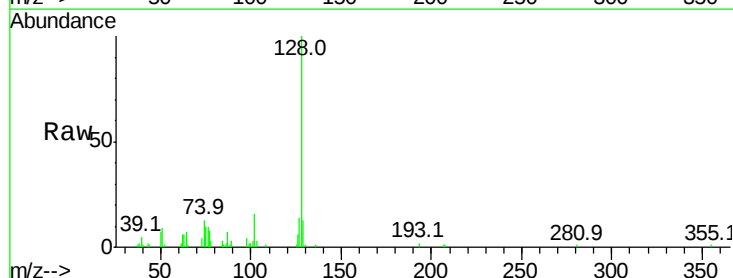
Ion	Ratio	Lower	Upper
82	100		
128	26.1	32.8	49.2#
54	49.3	40.6	60.8

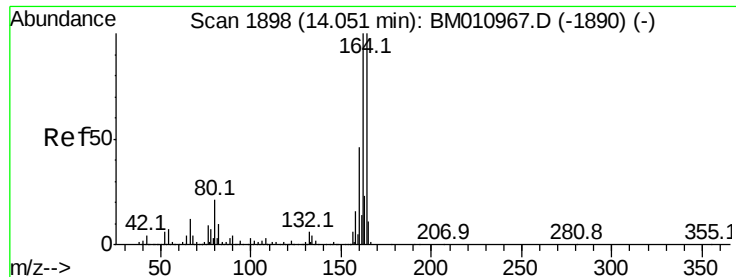


#31
 Naphthalene
 Concen: 2.140 ng
 RT: 10.19 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BM011061.D
 Acq: 29 Jul 2017 02:44

Tgt Ion: 128 Resp: 63001

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.9	13.3
127	14.0	10.4	15.6





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011061.D

Acq: 29 Jul 2017 02:44

Instrument :

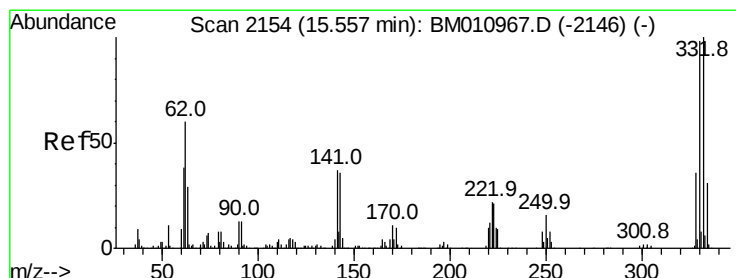
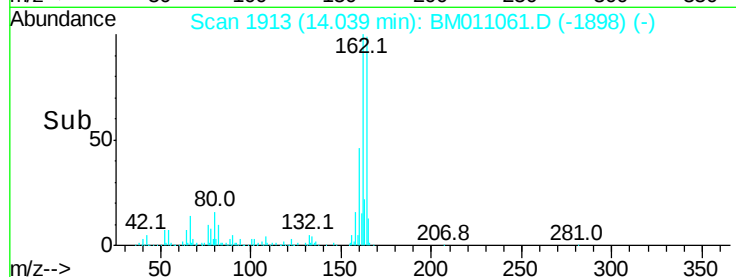
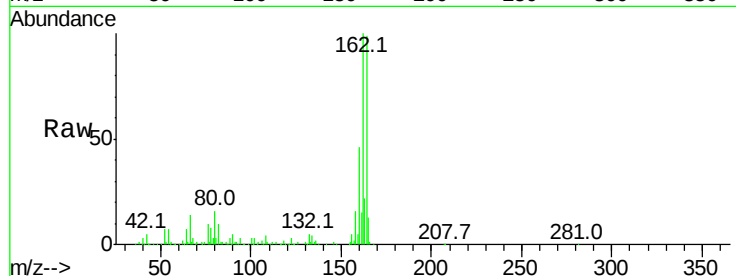
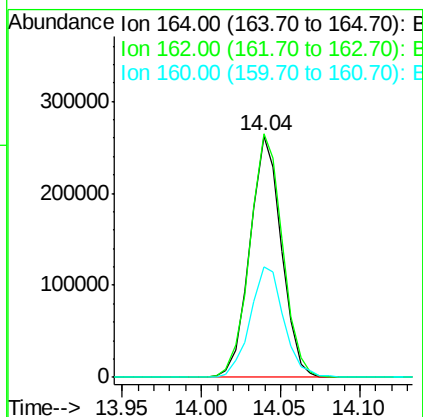
BNA_M

ClientSampleId :

HD-02-072617

Tot Ion:164 Resp: 363134

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.4	123.6
160	46.0	35.8	53.6



#41

2,4,6-Tribromophenol

Concen: 137.166 ng

RT: 15.54 min Scan# 2169

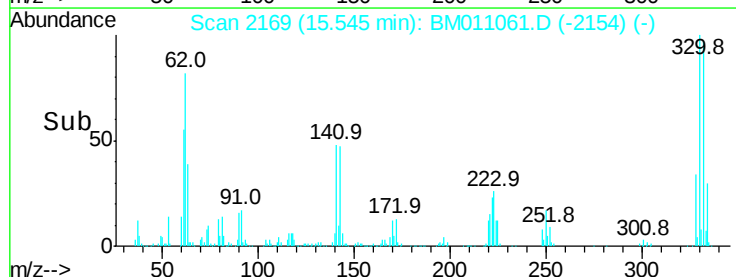
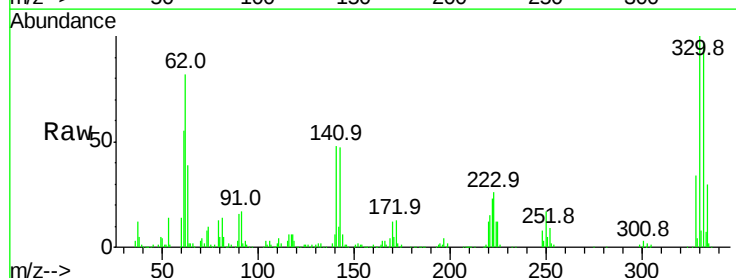
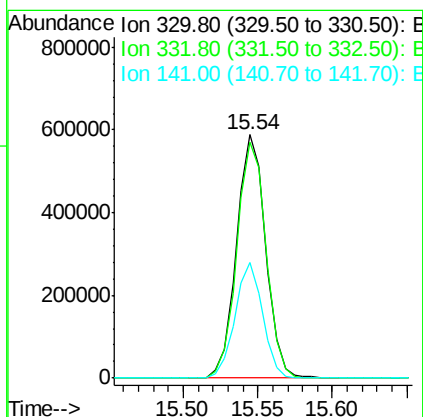
Delta R.T. -0.01 min

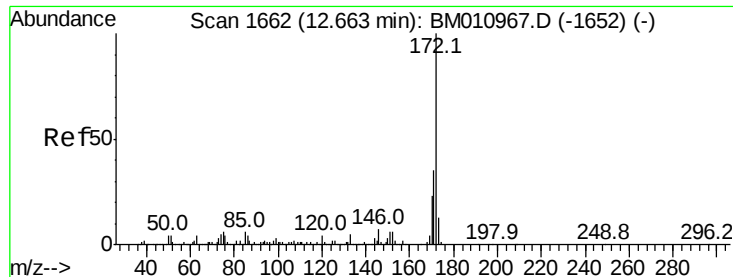
Lab File: BM011061.D

Acq: 29 Jul 2017 02:44

Tgt Ion:330 Resp: 798343

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	45.7	0.0	0.0#



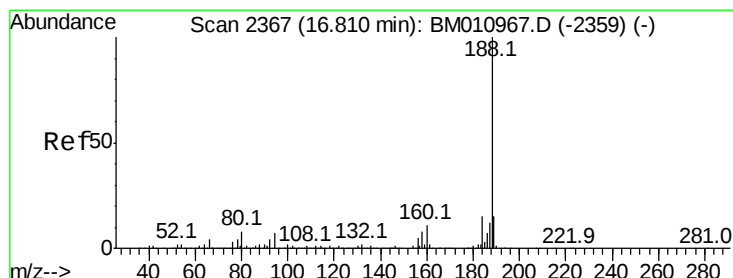
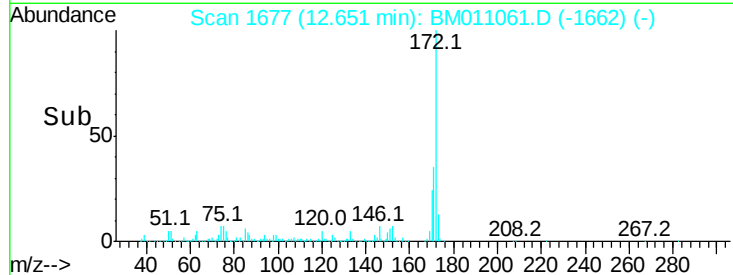
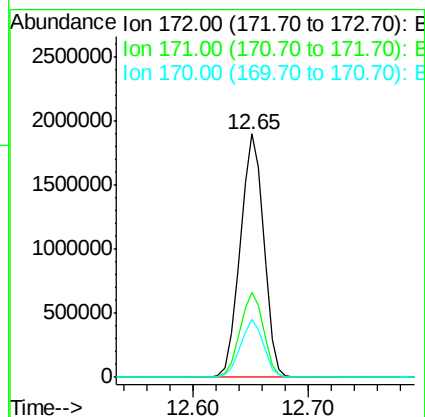
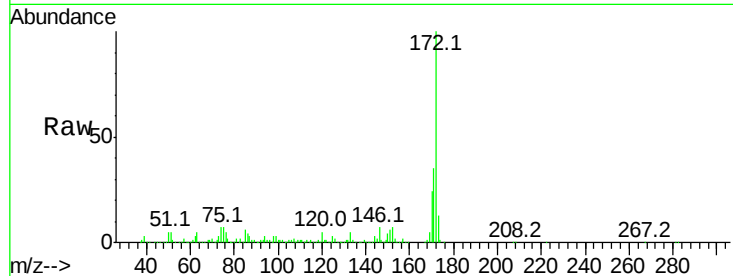


#44
 2-Fluorobiphenyl
 Concen: 92.614 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011061.D
 Acq: 29 Jul 2017 02:44

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-072617

Tot Ion:172 Resp: 2681625

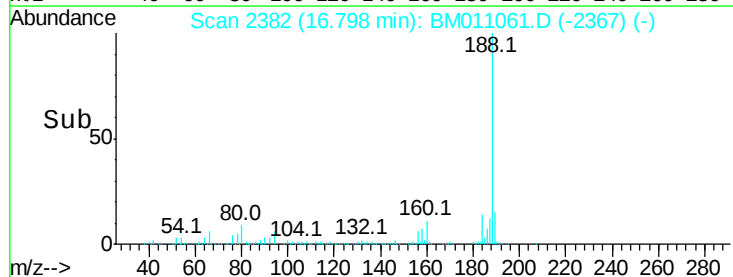
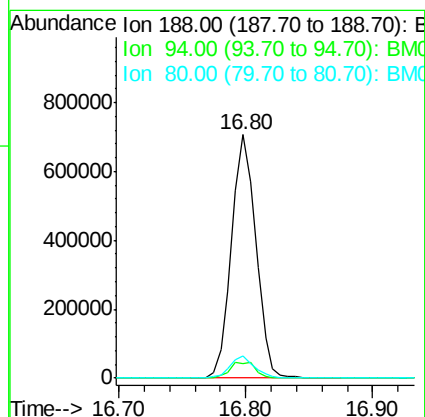
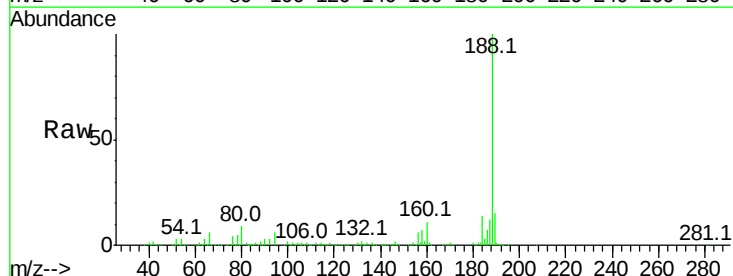
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.9	18.8	28.2

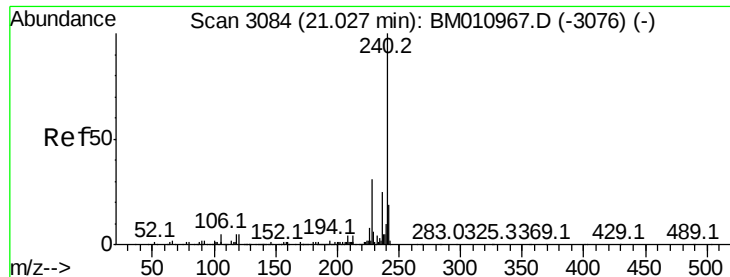


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.80 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM011061.D
 Acq: 29 Jul 2017 02:44

Tgt Ion:188 Resp: 937975

Ion	Ratio	Lower	Upper
188	100		
94	6.0	8.7	13.1#
80	9.2	9.3	13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM011061.D

Acq: 29 Jul 2017 02:44

Instrument :

BNA_M

ClientSampleId :

HD-02-072617

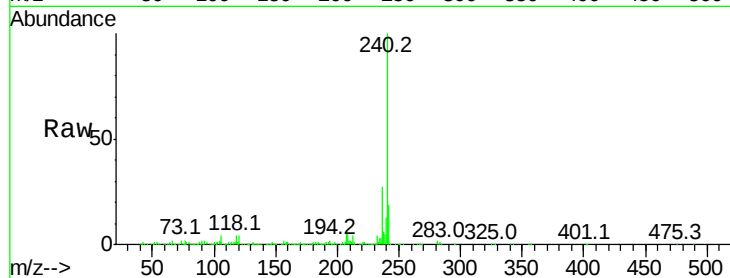
Tot Ion:240 Resp: 871826

Ion Ratio Lower Upper

240 100

120 4.1 8.2 12.2#

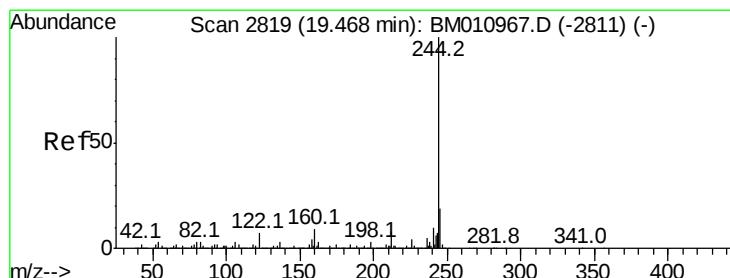
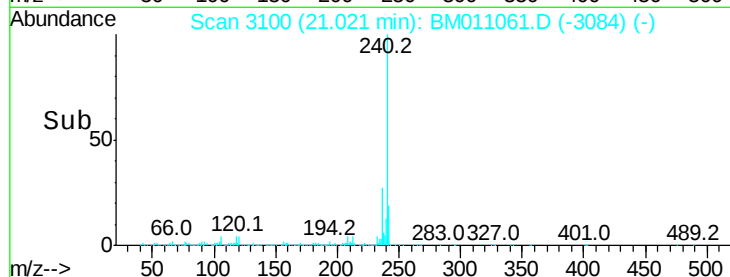
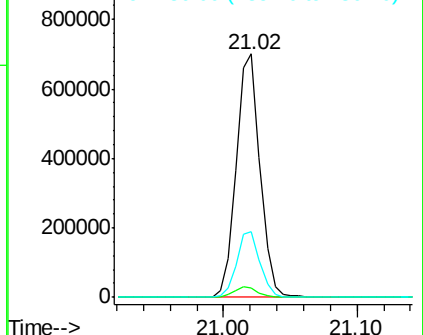
236 26.9 20.0 30.0



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: 88.131 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011061.D

Acq: 29 Jul 2017 02:44

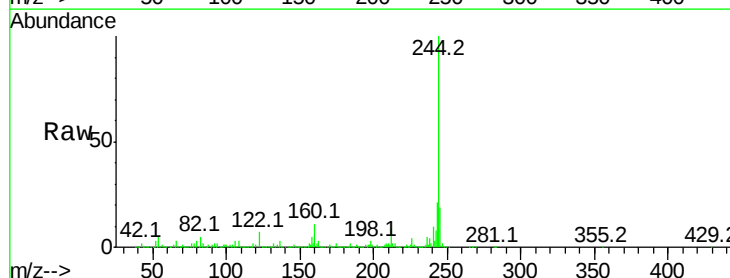
Tgt Ion:244 Resp: 3878864

Ion Ratio Lower Upper

244 100

212 9.2 4.9 7.3#

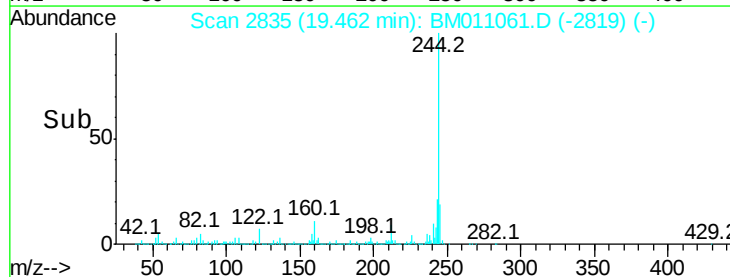
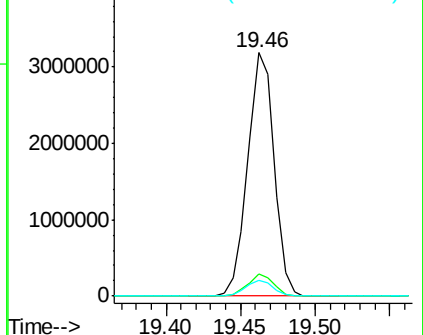
122 6.7 6.2 9.4

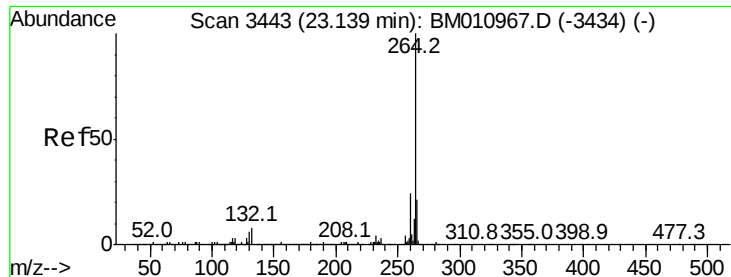


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.13 min Scan# 3459
 Delta R.T. -0.01 min
 Lab File: BM011061.D
 Acq: 29 Jul 2017 02:44

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-072617

Tot Ion: 264 Resp: 311661
 Ion Ratio Lower Upper
 264 100
 260 37.6 18.6 27.8#
 265 21.6 17.3 25.9

