

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011047.D
 Acq On : 28 Jul 2017 18:19
 Operator : SJ/JU
 Sample : I4432-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-3

Quant Time: Jul 29 00:09:29 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	179559	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	667219	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	475592	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1203958	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1302268	20.00	ng	0.00
86) Perylene-d12	23.13	264	1138001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	532141	50.10	ng	0.00
7) Phenol-d6	6.58	99	460086	30.49	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1543864	86.84	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	917494	120.36	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2986079	78.74	ng	-0.01
78) Terphenyl-d14	19.47	244	5140749	78.20	ng	0.00

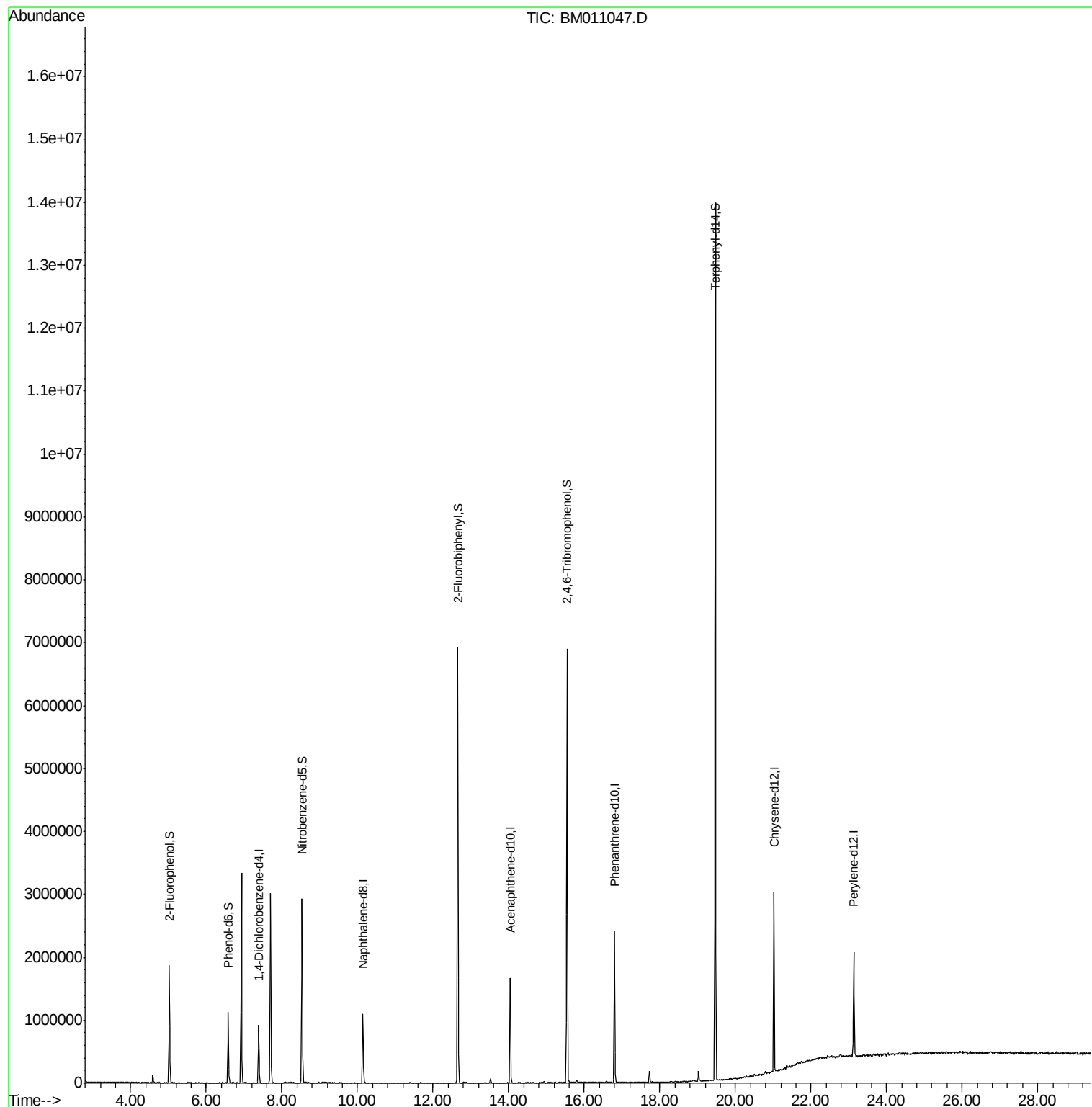
Target Compounds Qvalue

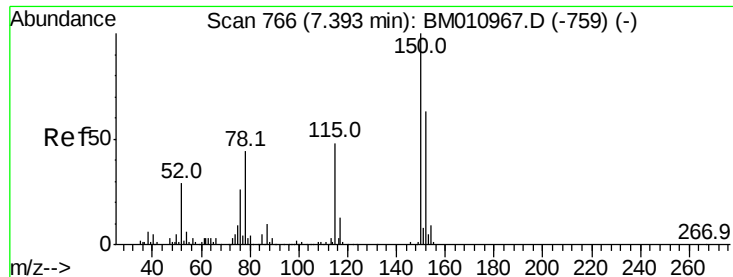
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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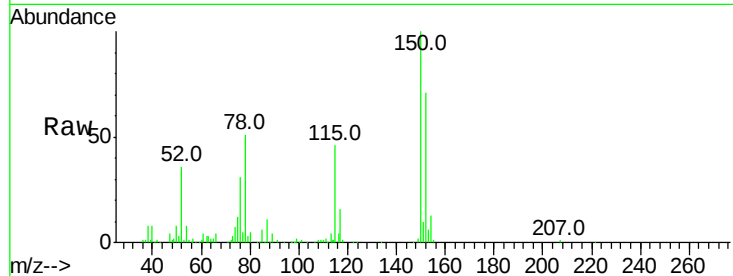


#1

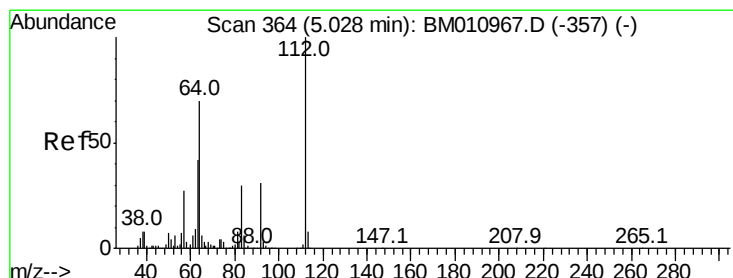
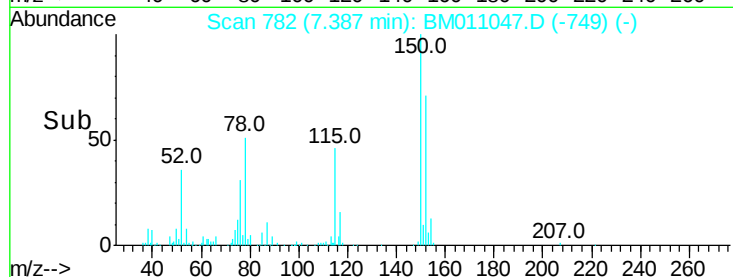
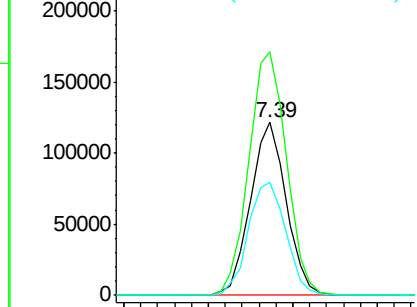
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011047.D
Acq: 28 Jul 2017 18:19

Instrument :
BNA_M
ClientSampleId :
MW-3

Tot Ion:152 Resp: 179559
Ion Ratio Lower Upper
152 100
150 140.9 119.5 179.3
115 65.3 43.0 64.4#



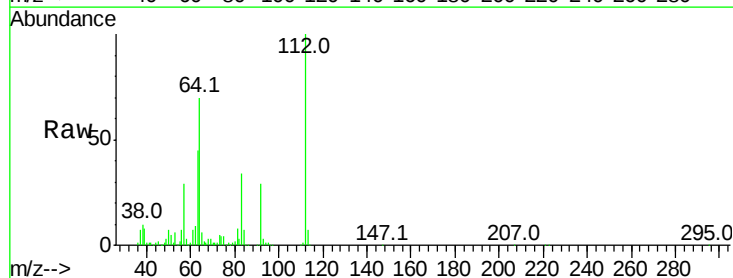
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



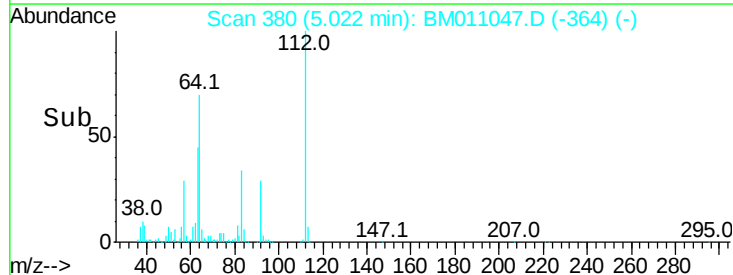
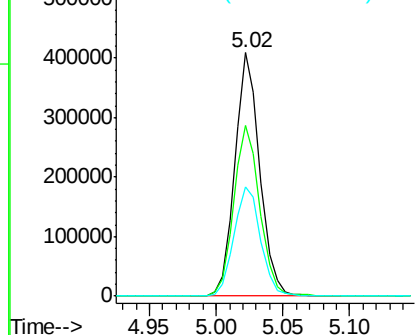
#5

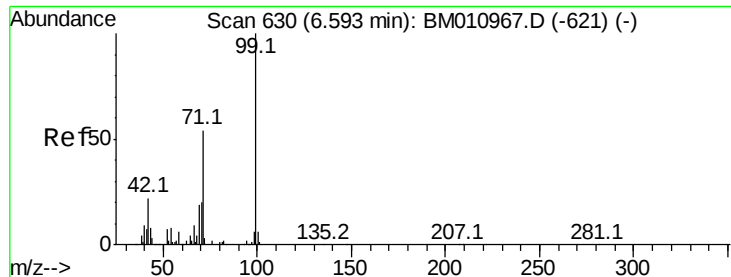
2-Fluorophenol
Concen: 50.098 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011047.D
Acq: 28 Jul 2017 18:19

Tgt Ion:112 Resp: 532141
Ion Ratio Lower Upper
112 100
64 69.9 38.6 57.8#
63 44.7 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: 30.486 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011047.D

Acq: 28 Jul 2017 18:19

Instrument :

BNA_M

ClientSampleId :

MW-3

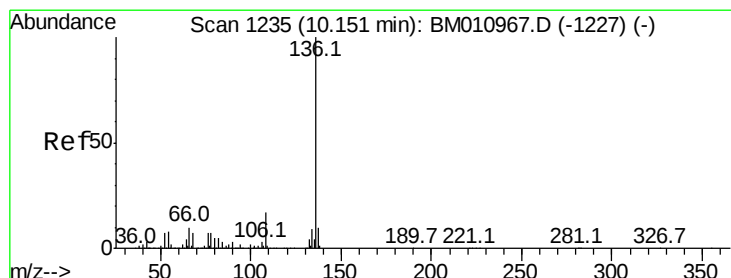
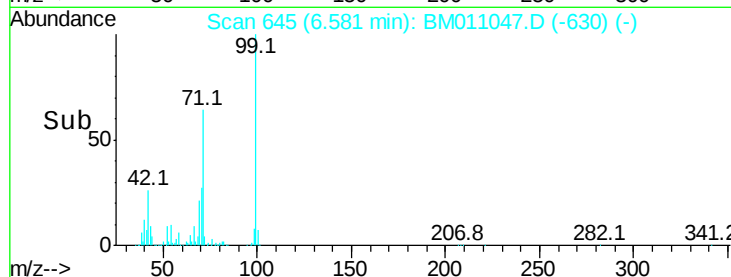
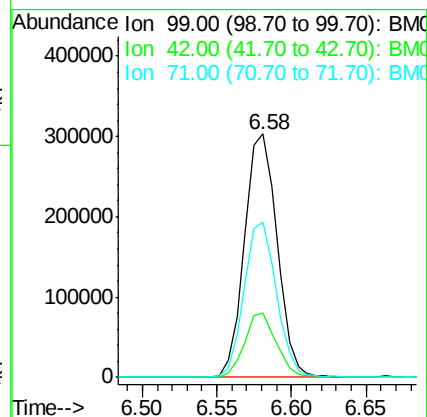
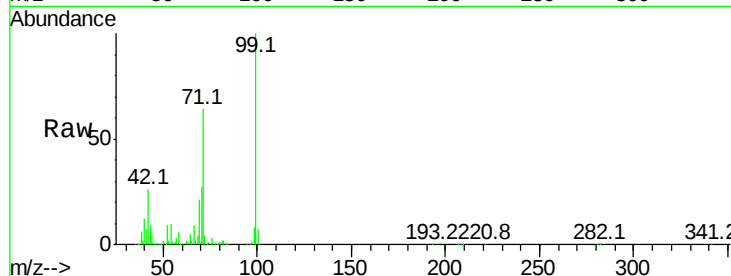
Tot Ion: 99 Resp: 460086

Ion Ratio Lower Upper

99 100

42 26.4 11.0 16.4#

71 63.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011047.D

Acq: 28 Jul 2017 18:19

Tgt Ion: 136 Resp: 667219

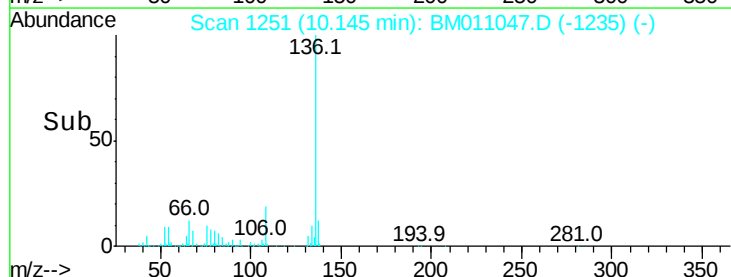
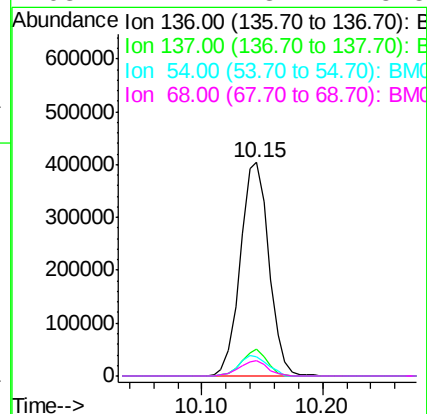
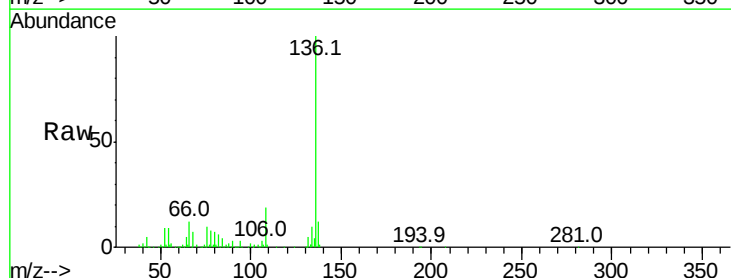
Ion Ratio Lower Upper

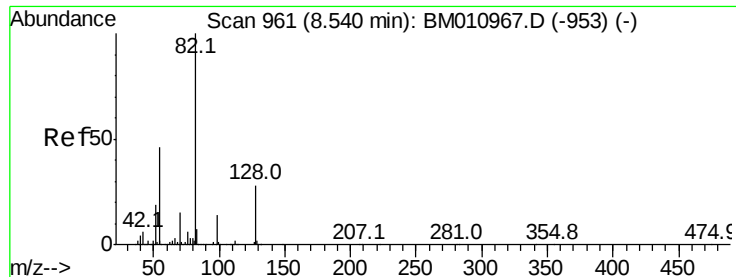
136 100

137 12.4 8.7 13.1

54 9.2 4.6 6.8#

68 7.4 3.7 5.5#

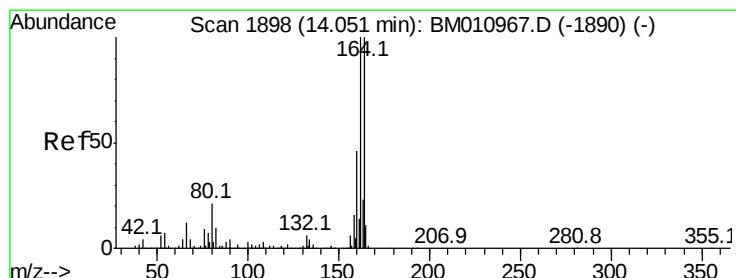
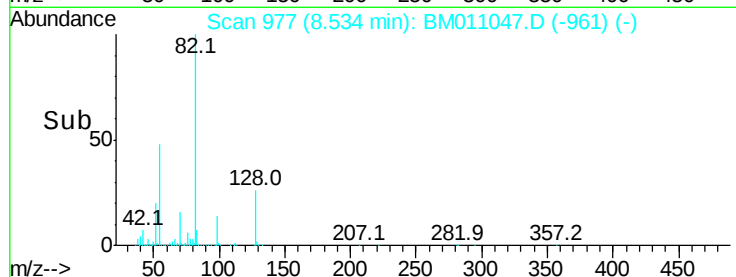
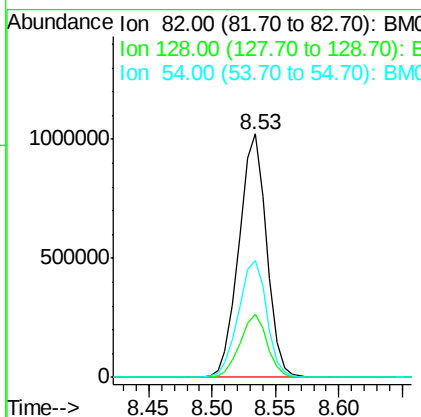
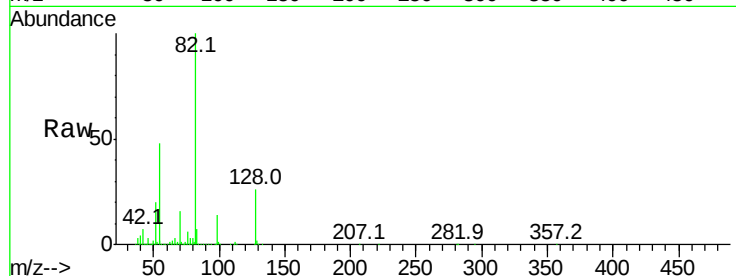




#23
Nitrobenzene-d5
Concen: 86.844 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM011047.D
Acq: 28 Jul 2017 18:19

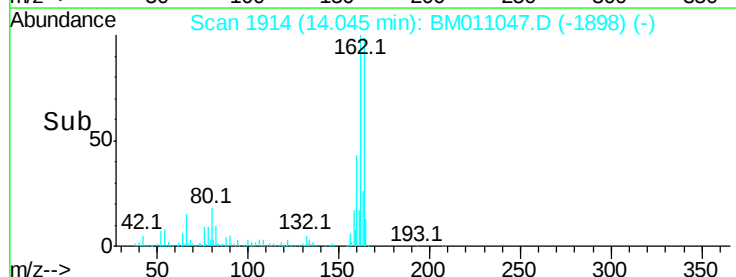
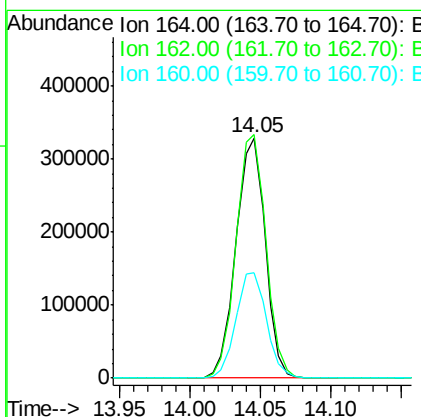
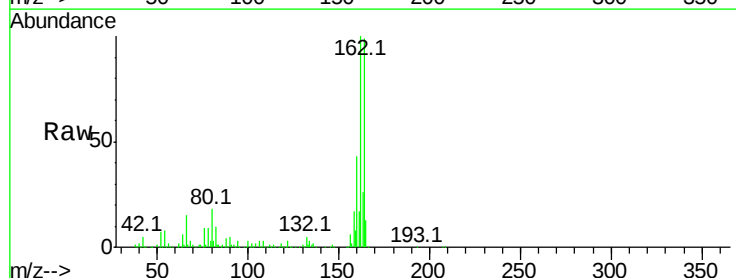
Instrument :
BNA_M
ClientSampleId :
MW-3

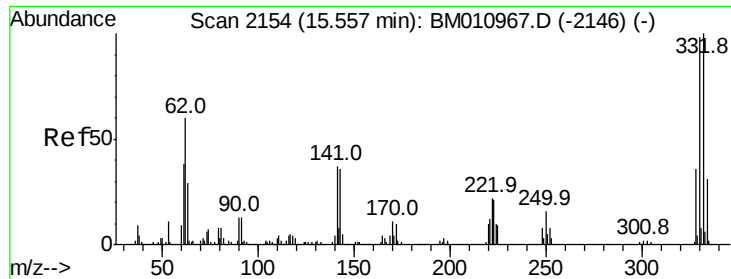
Tot Ion: 82 Resp: 1543864
Ion Ratio Lower Upper
82 100
128 25.7 32.8 49.2#
54 48.1 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.05 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM011047.D
Acq: 28 Jul 2017 18:19

Tgt Ion:164 Resp: 475592
Ion Ratio Lower Upper
164 100
162 101.4 82.4 123.6
160 43.8 35.8 53.6

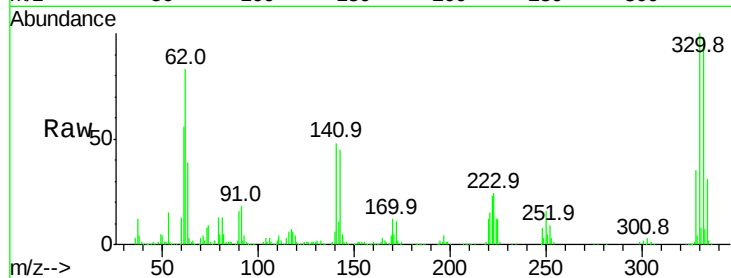




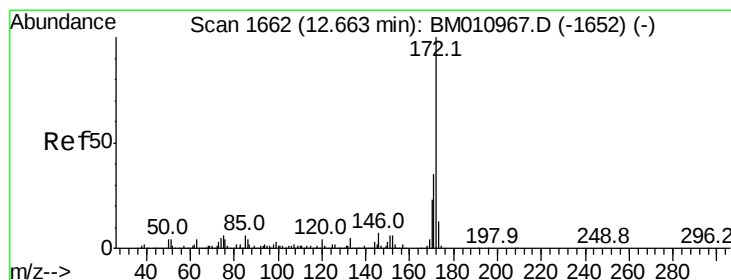
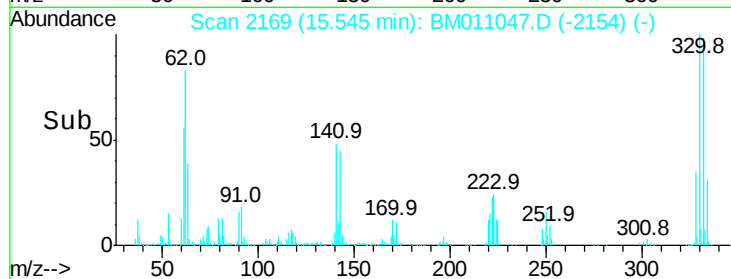
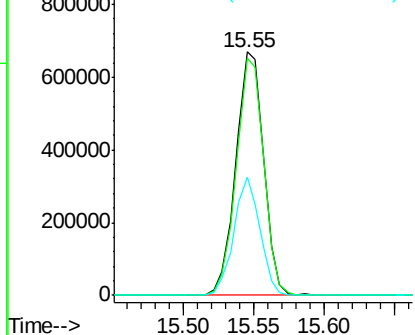
#41
 2,4,6-Tribromophenol
 Concen: 120.363 ng
 RT: 15.55 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011047.D
 Acq: 28 Jul 2017 18:19

Instrument :
 BNA_M
 ClientSampleId :
 MW-3

Tot Ion:330 Resp: 917494
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 45.7 0.0 0.0#

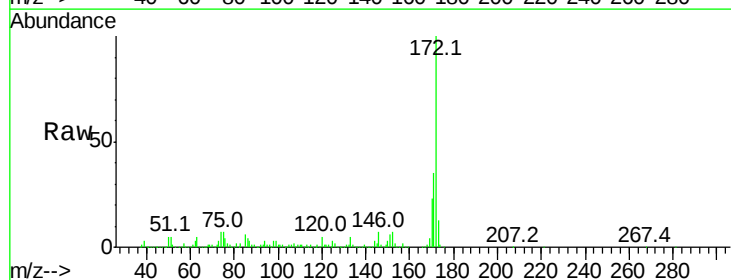


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

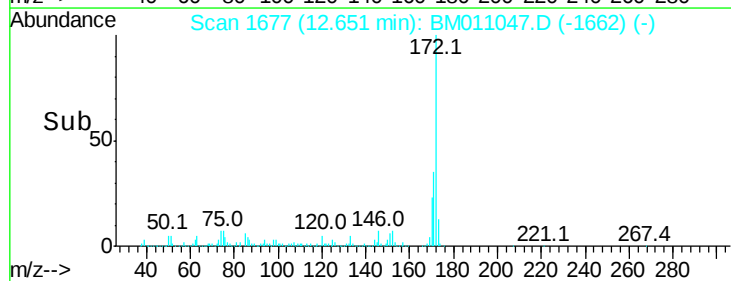
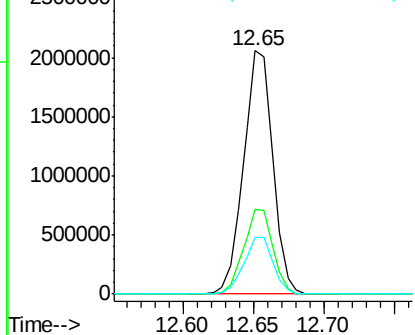


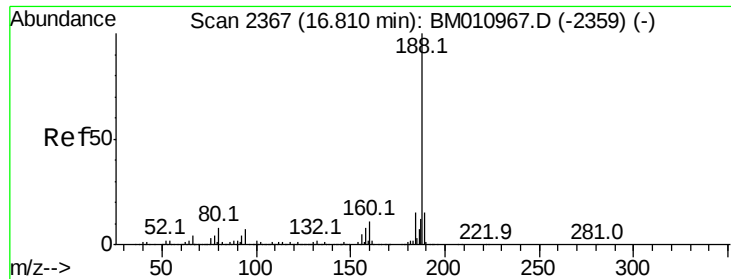
#44
 2-Fluorobiphenyl
 Concen: 78.743 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011047.D
 Acq: 28 Jul 2017 18:19

Tgt Ion:172 Resp: 2986079
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.1 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

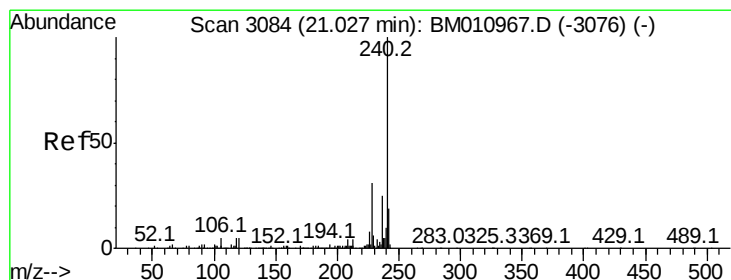
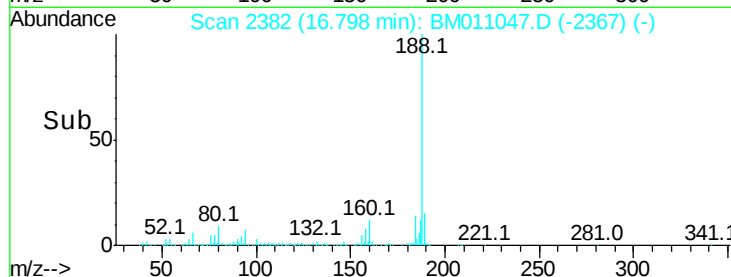
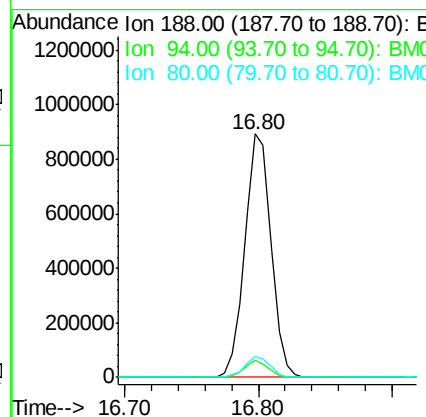
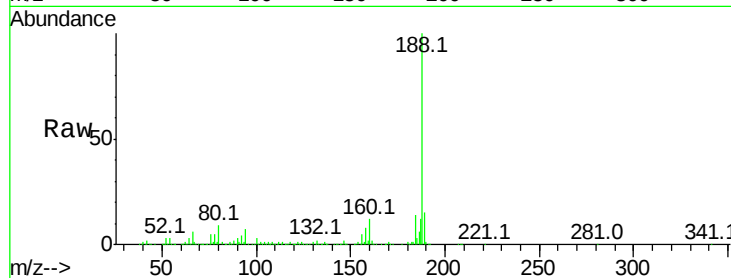




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011047.D
Acq: 28 Jul 2017 18:19

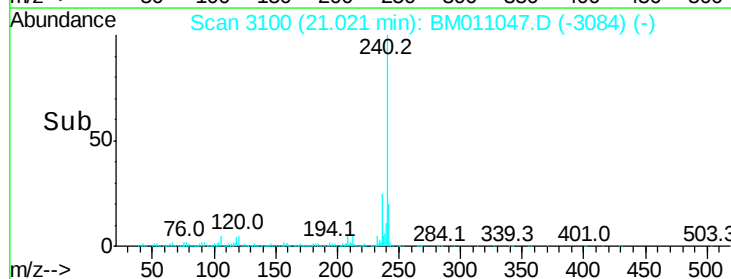
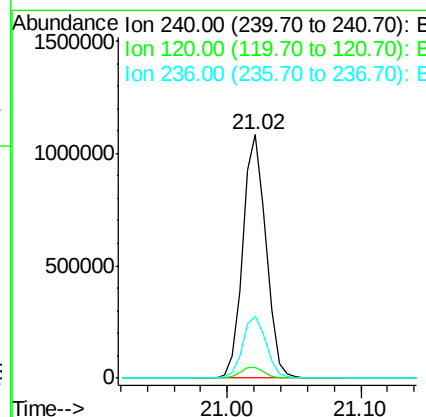
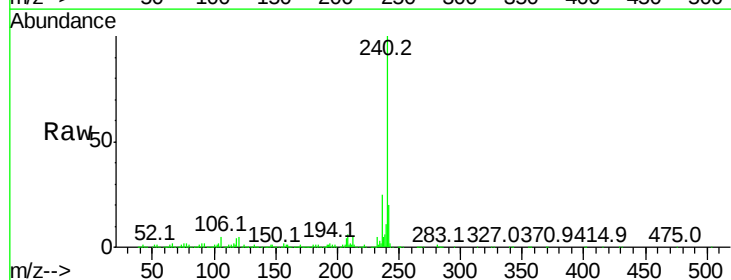
Instrument :
BNA_M
ClientSampleId :
MW-3

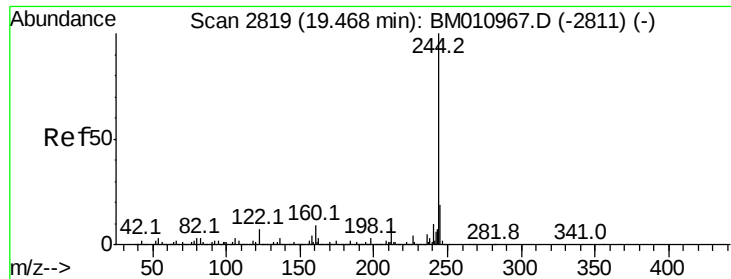
Tot Ion:188 Resp: 1203958
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 8.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011047.D
Acq: 28 Jul 2017 18:19

Tgt Ion:240 Resp: 1302268
Ion Ratio Lower Upper
240 100
120 4.6 8.2 12.2#
236 25.2 20.0 30.0





#78

Terphenyl-d14

Concen: 78.196 ng

RT: 19.47 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BM011047.D

Acq: 28 Jul 2017 18:19

Instrument :

BNA_M

ClientSampled :

MW-3

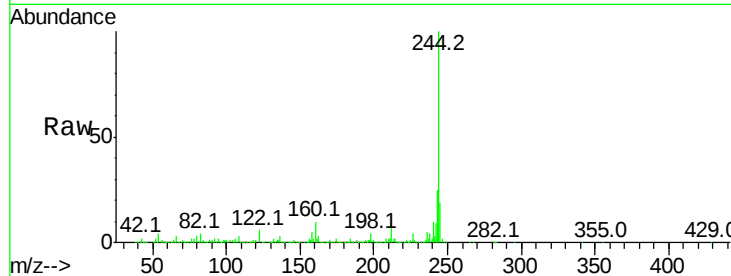
Tot Ion:244 Resp: 5140749

Ion Ratio Lower Upper

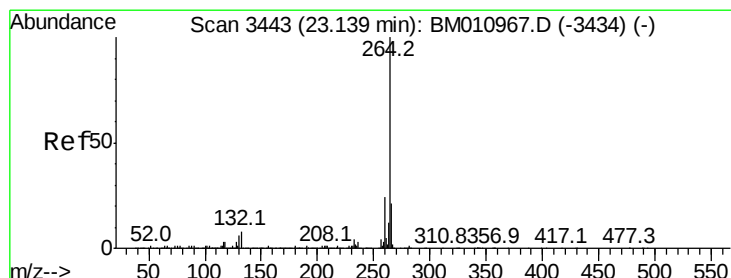
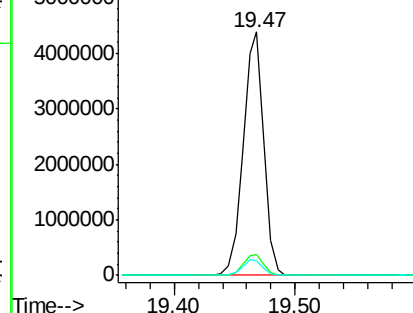
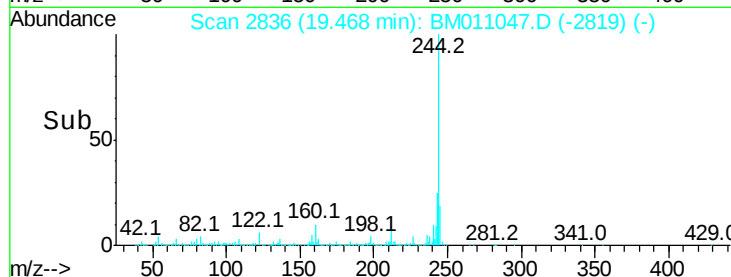
244 100

212 8.6 4.9 7.3#

122 6.1 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
6000000
Ion 212.00 (211.70 to 212.70): E
5000000
Ion 122.00 (121.70 to 122.70): E
4000000
3000000
2000000
1000000
0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011047.D

Acq: 28 Jul 2017 18:19

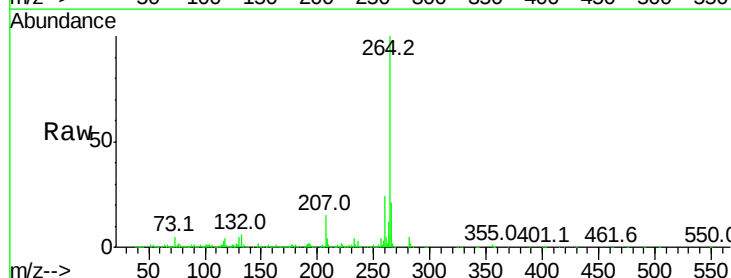
Tgt Ion:264 Resp: 1138001

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
800000
Ion 260.00 (259.70 to 260.70): E
600000
Ion 265.00 (264.70 to 265.70): E
400000
200000
0

