

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011051.D
 Acq On : 28 Jul 2017 20:43
 Operator : SJ/JU
 Sample : PB101037TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101037TB

Quant Time: Jul 29 00:35:14 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	231373	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	831810	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	552457	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1357942	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1090863	20.00	ng	0.00
86) Perylene-d12	23.13	264	805522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1868816	136.54	ng	0.00
7) Phenol-d6	6.59	99	2575450	132.43	ng	0.00
23) Nitrobenzene-d5	8.53	82	2078996	93.81	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	1239551	139.99	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	4071307	92.42	ng	-0.01
78) Terphenyl-d14	19.46	244	5299890	96.24	ng	0.00

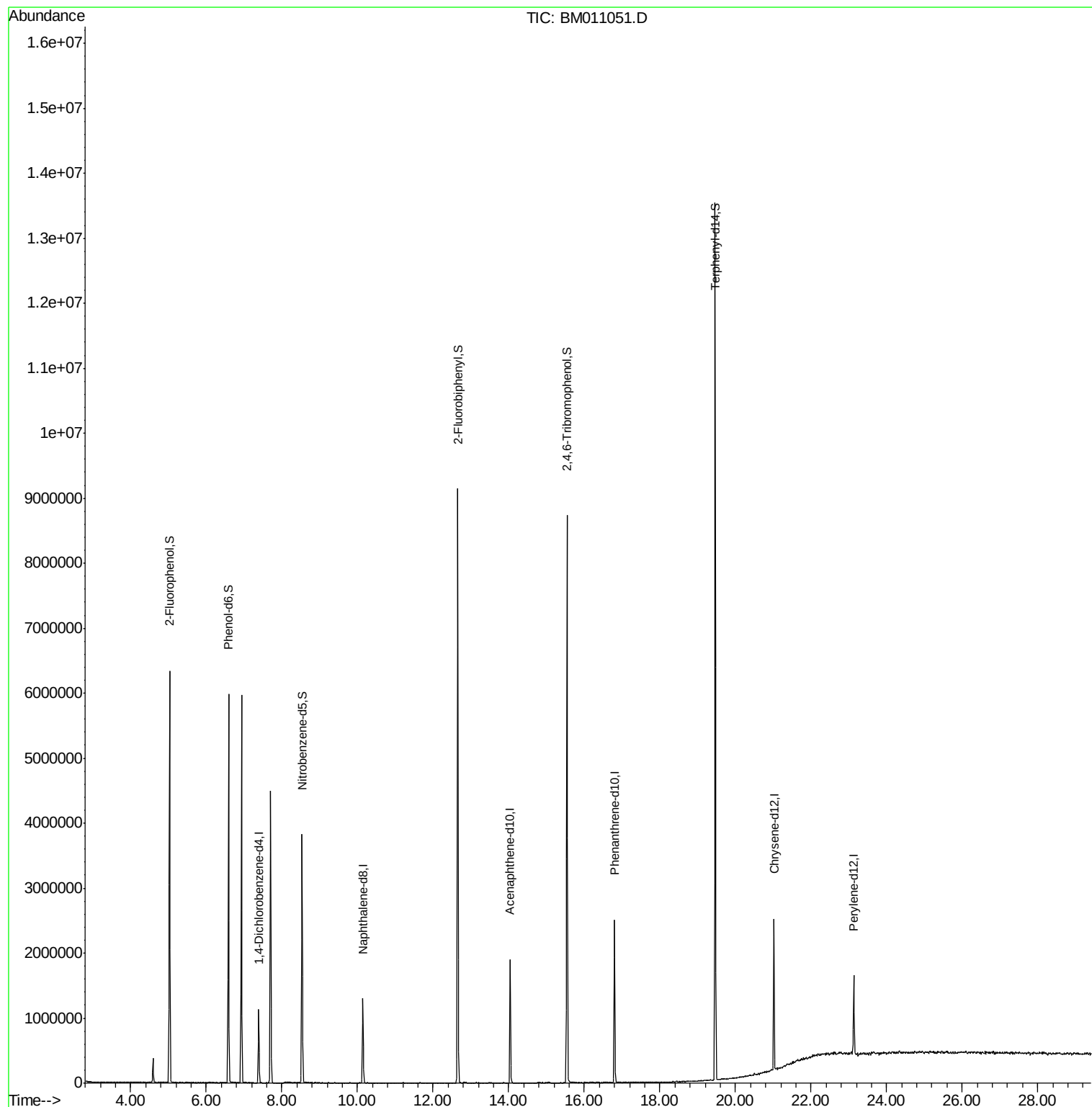
Target Compounds Qvalue

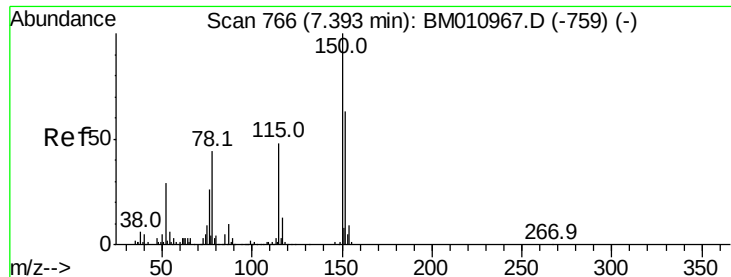
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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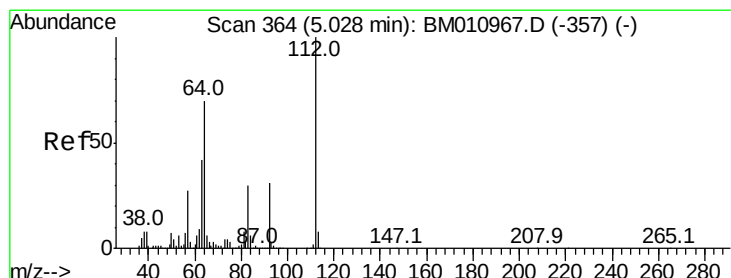
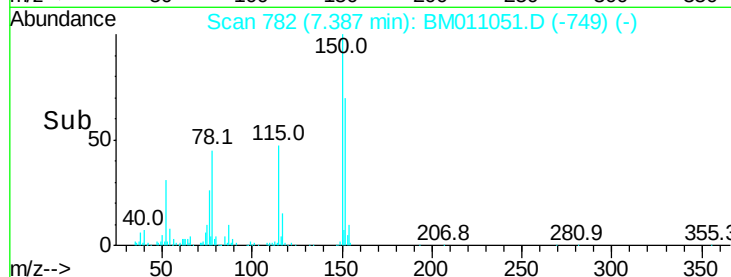
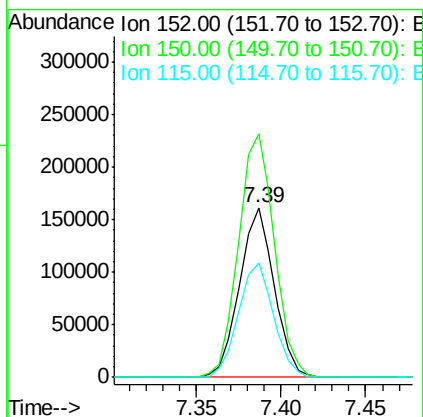
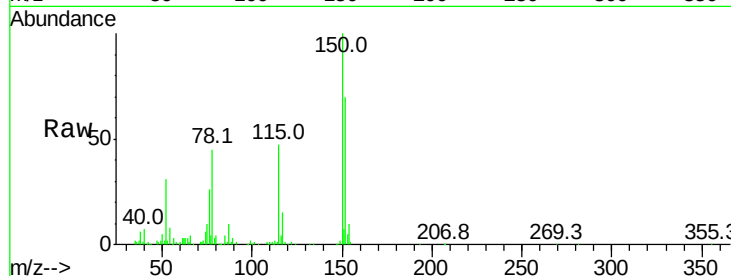


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011051.D
Acq: 28 Jul 2017 20:43

Instrument :
BNA_M
ClientSampleId :
PB101037TB

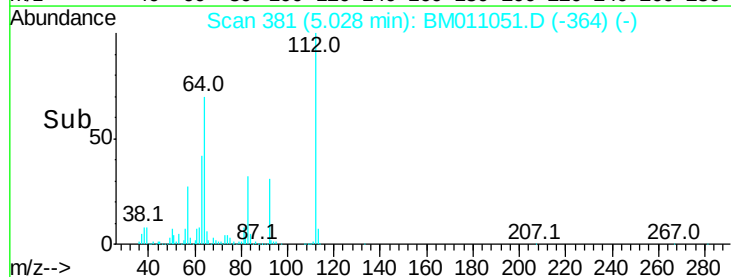
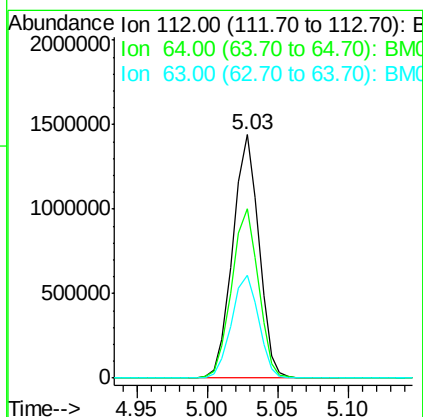
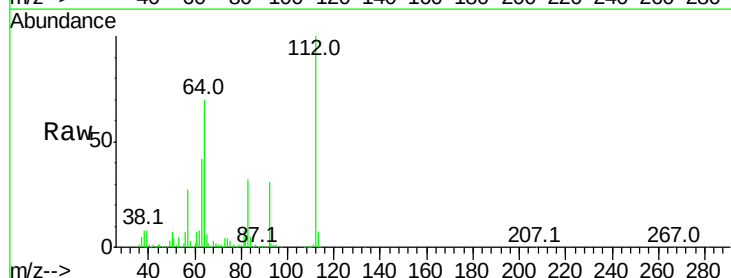
Tot Ion:152 Resp: 231373
Ion Ratio Lower Upper
152 100
150 143.4 119.5 179.3
115 67.7 43.0 64.4#

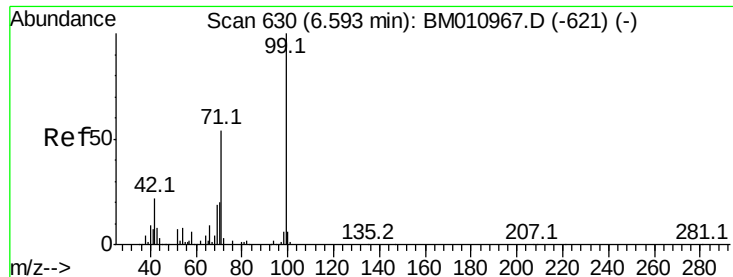


#5

2-Fluorophenol
Concen: 136.538 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011051.D
Acq: 28 Jul 2017 20:43

Tgt Ion:112 Resp: 1868816
Ion Ratio Lower Upper
112 100
64 69.5 38.6 57.8#
63 42.2 19.3 28.9#





#7

Phenol-d6

Concen: 132.435 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011051.D

Acq: 28 Jul 2017 20:43

Instrument :

BNA_M

ClientSampleId :

PB101037TB

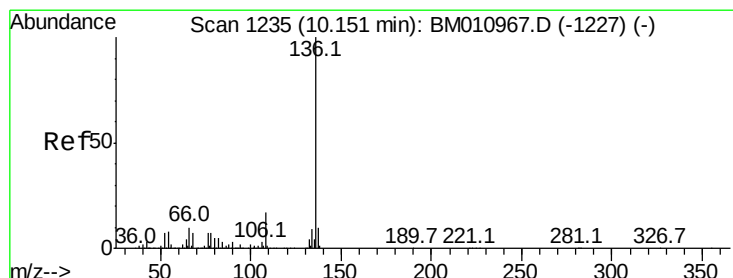
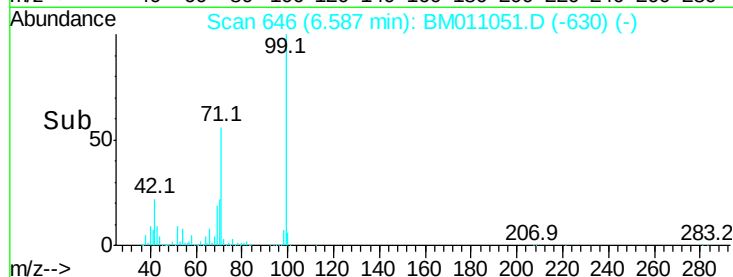
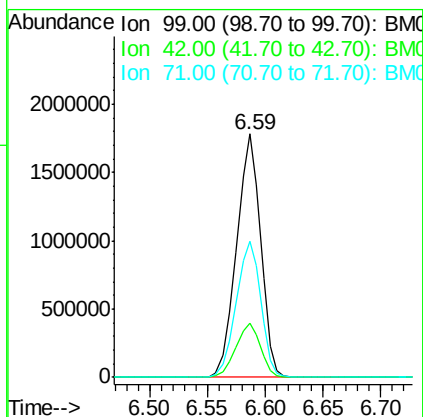
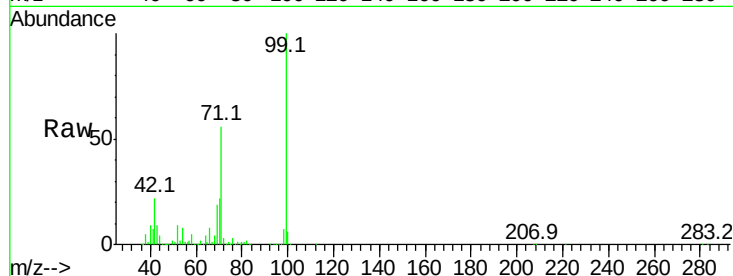
Tot Ion: 99 Resp: 2575450

Ion Ratio Lower Upper

99 100

42 22.3 11.0 16.4#

71 55.9 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: BM011051.D

Acq: 28 Jul 2017 20:43

Tgt Ion: 136 Resp: 831810

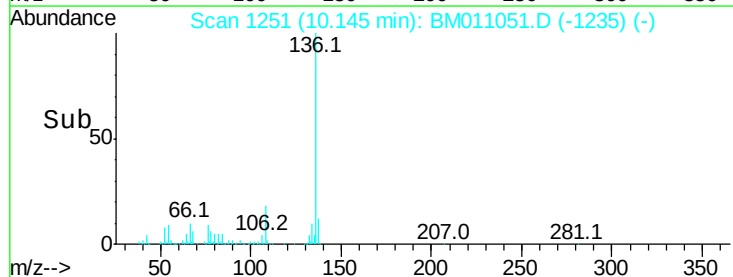
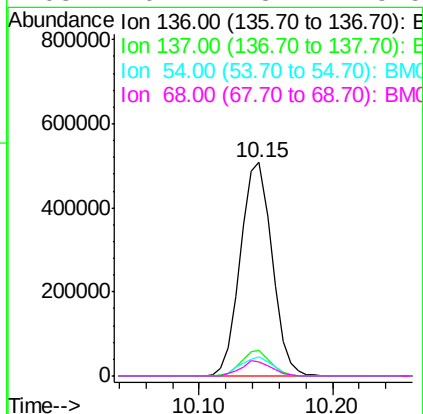
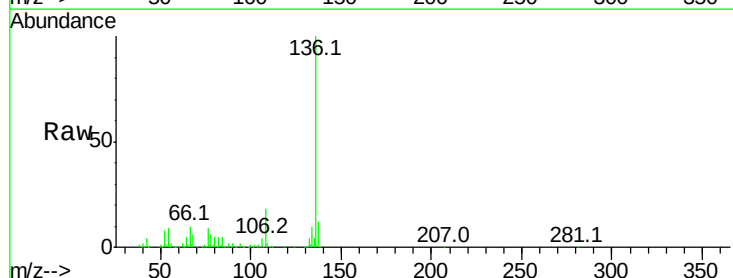
Ion Ratio Lower Upper

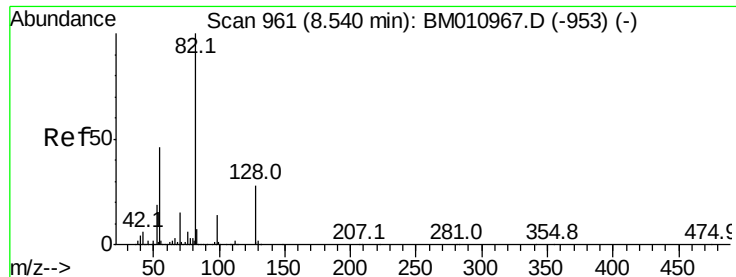
136 100

137 12.2 8.7 13.1

54 8.8 4.6 6.8#

68 6.4 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 93.805 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011051.D

Acq: 28 Jul 2017 20:43

Instrument :

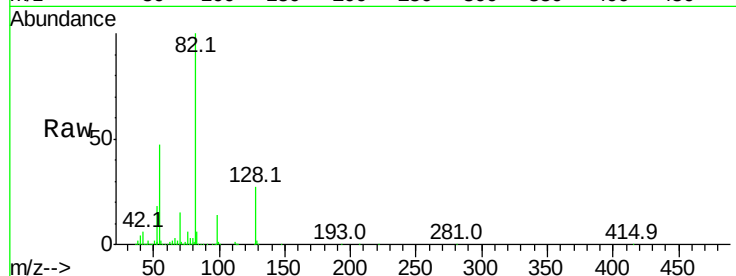
BNA_M

ClientSampleId :

PB101037TB

Tot Ion: 82 Resp: 2078996

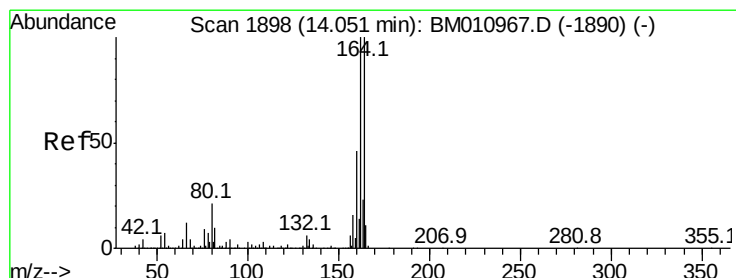
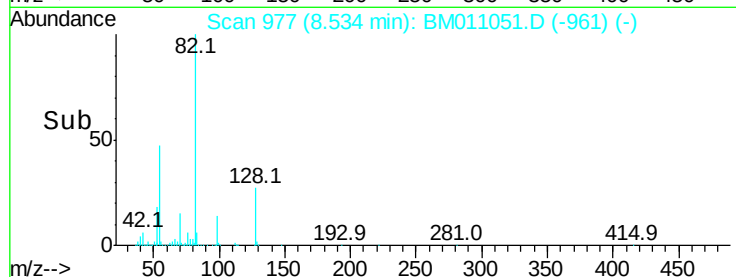
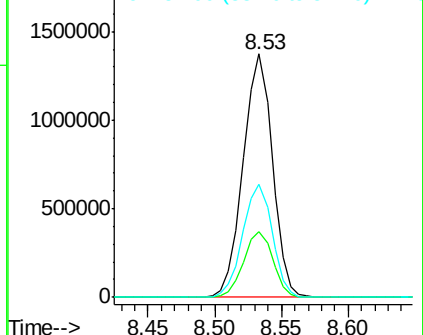
Ion	Ratio	Lower	Upper
82	100		
128	27.1	32.8	49.2#
54	46.5	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011051.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011051.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011051.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

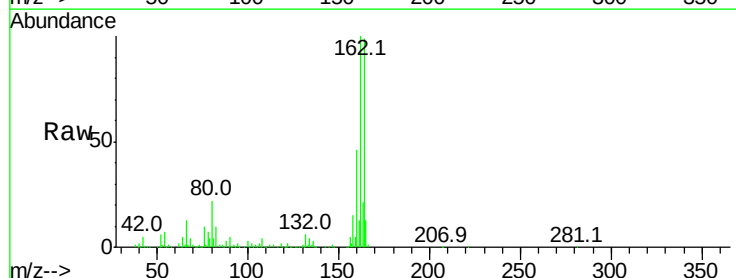
Delta R.T. -0.01 min

Lab File: BM011051.D

Acq: 28 Jul 2017 20:43

Tgt Ion: 164 Resp: 552457

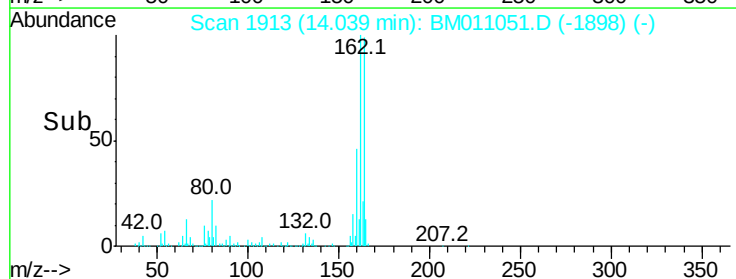
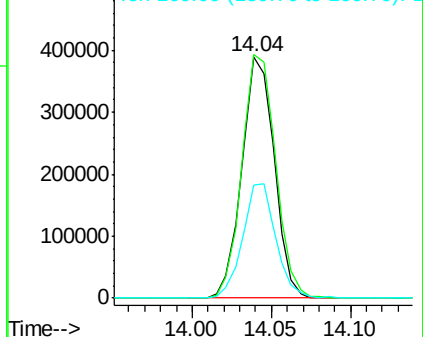
Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.4	123.6
160	46.8	35.8	53.6

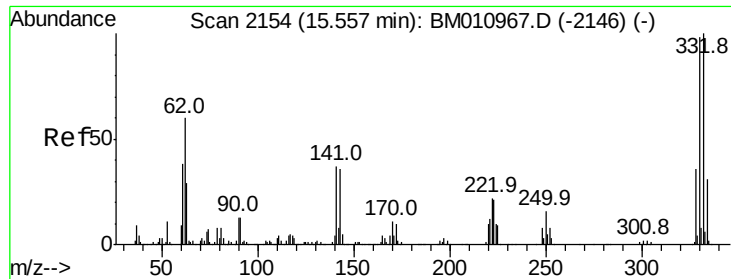


Abundance Ion 164.00 (163.70 to 164.70): BM011051.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011051.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011051.D (-1898) (-)

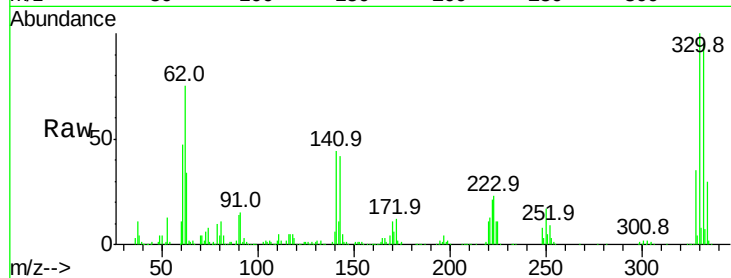




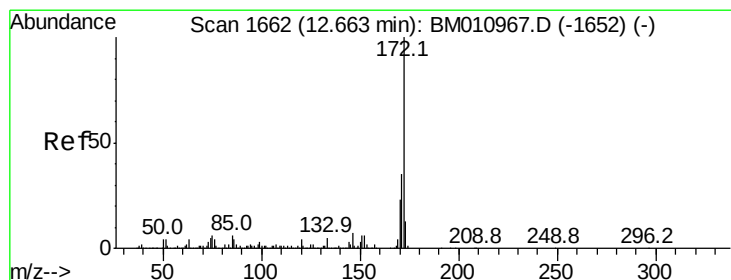
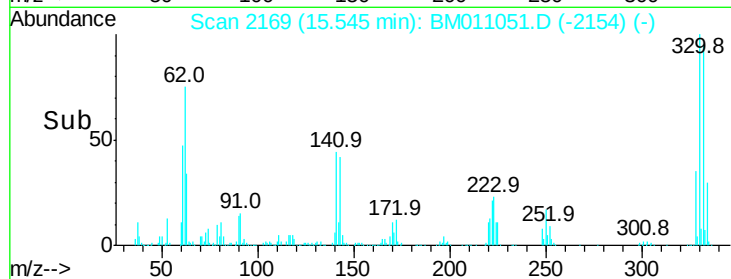
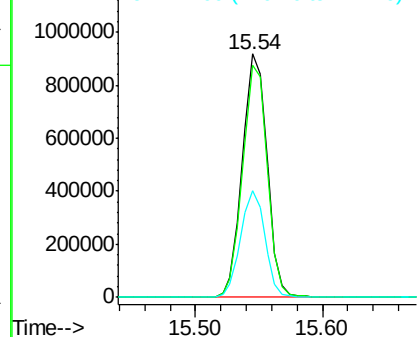
#41
 2,4,6-Tribromophenol
 Concen: 139.987 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011051.D
 Acq: 28 Jul 2017 20:43

Instrument :
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 PB101037TB

Tot Ion:330 Resp: 1239551
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 43.2 0.0 0.0#

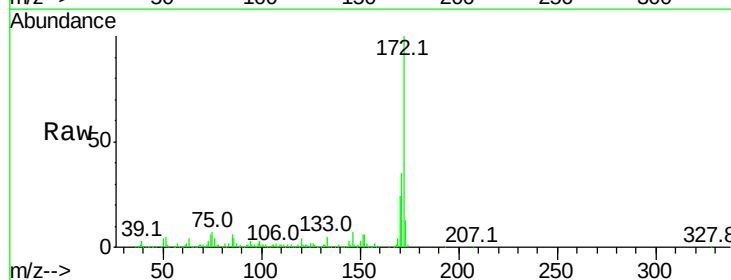


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

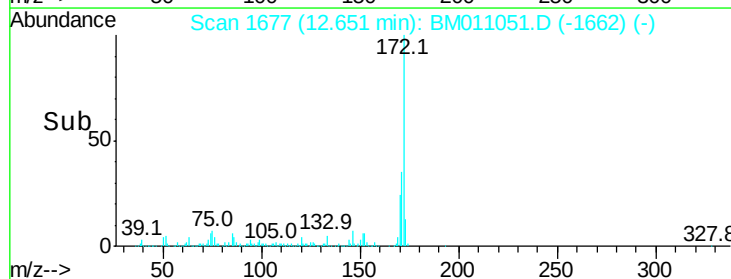
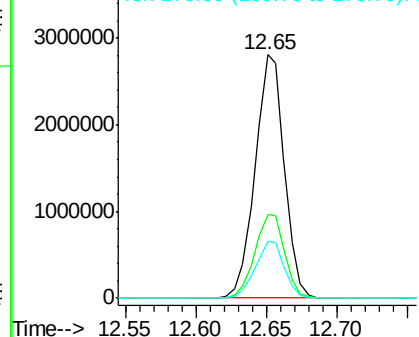


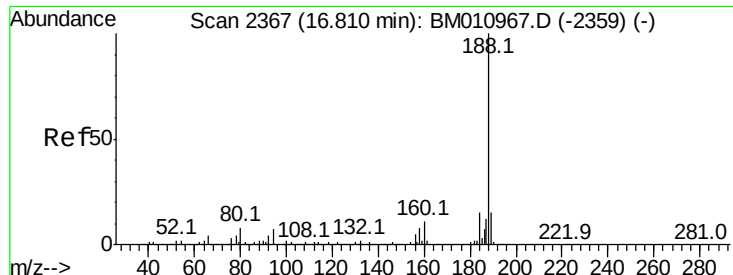
#44
 2-Fluorobiphenyl
 Concen: 92.423 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011051.D
 Acq: 28 Jul 2017 20:43

Tgt Ion:172 Resp: 4071307
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.6 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

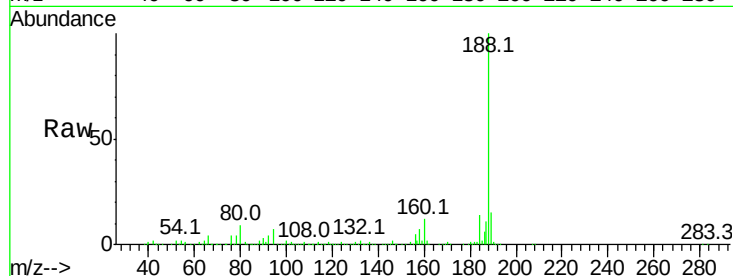




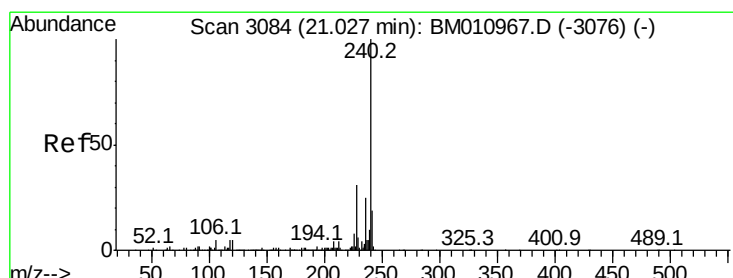
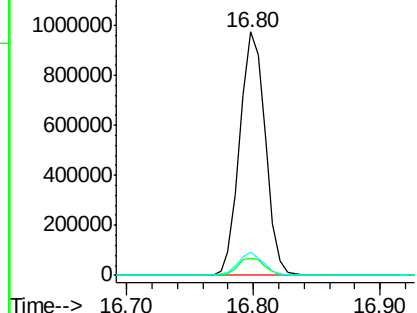
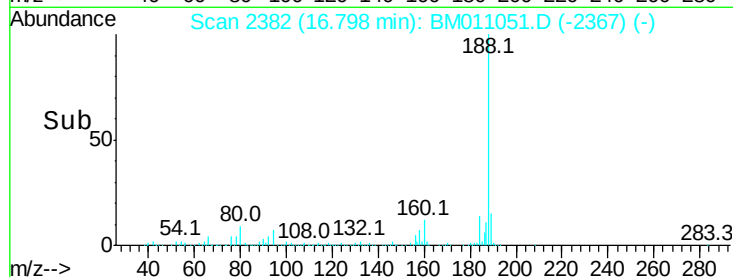
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011051.D
Acq: 28 Jul 2017 20:43

Instrument :
BNA_M
ClientSampleId :
PB101037TB

Tot Ion:188 Resp: 1357942
Ion Ratio Lower Upper
188 100
94 6.9 8.7 13.1#
80 9.5 9.3 13.9

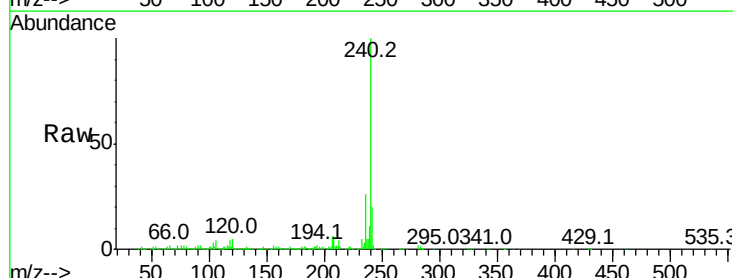


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

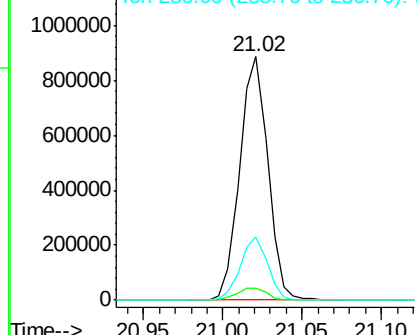
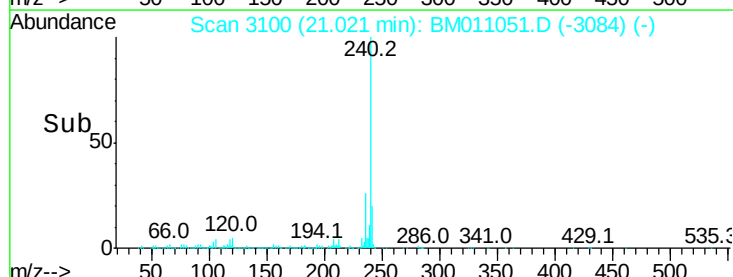


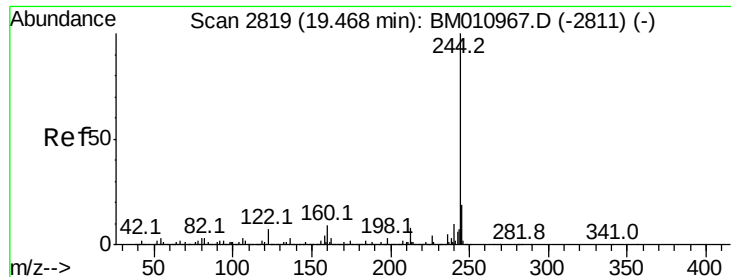
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011051.D
Acq: 28 Jul 2017 20:43

Tgt Ion:240 Resp: 1090863
Ion Ratio Lower Upper
240 100
120 5.1 8.2 12.2#
236 25.9 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: 96.239 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011051.D

Acq: 28 Jul 2017 20:43

Instrument :

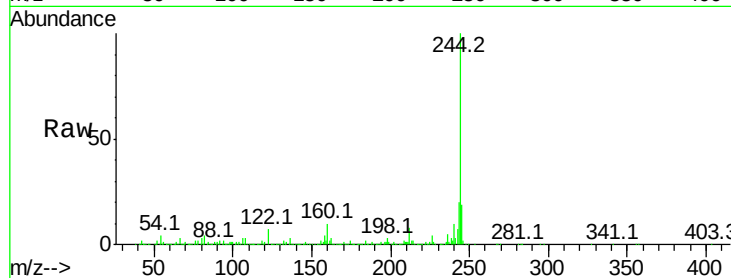
BNA_M

ClientSampleId :

PB101037TB

Tot Ion:244 Resp: 5299890

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	6.9	6.2	9.4

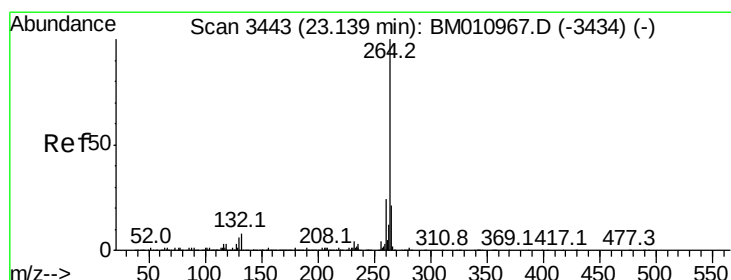
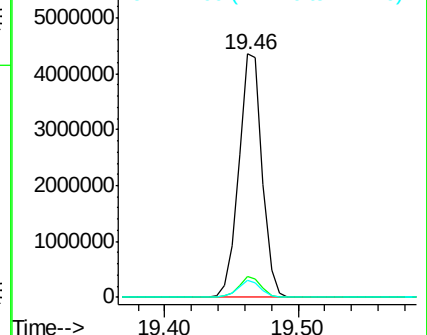
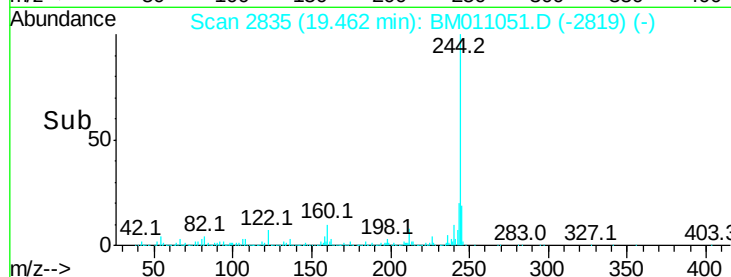


Abundance

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: 23.13 min Scan# 3459

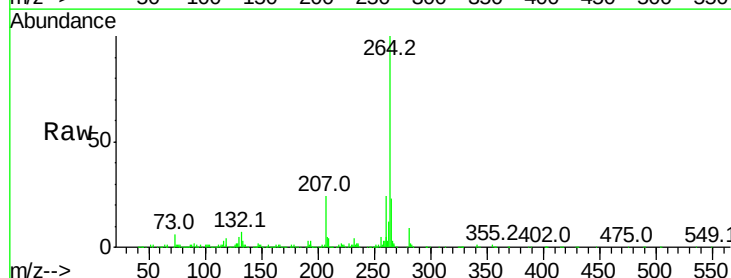
Delta R.T. -0.01 min

Lab File: BM011051.D

Acq: 28 Jul 2017 20:43

Tgt Ion:264 Resp: 805522

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	23.1	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

