

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011034.D
 Acq On : 28 Jul 2017 10:12
 Operator : SJ/JU
 Sample : PB101003TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101003TB

Quant Time: Jul 28 14:51:00 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	192683	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	694785	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	419919	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1010353	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	832756	20.00	ng	0.00
86) Perylene-d12	23.13	264	419323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1383635	121.39	ng	0.00
7) Phenol-d6	6.59	99	1852829	114.41	ng	0.00
23) Nitrobenzene-d5	8.53	82	1540387	83.21	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	783170	116.36	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	2899350	86.59	ng	0.00
78) Terphenyl-d14	19.46	244	3475429	82.67	ng	0.00

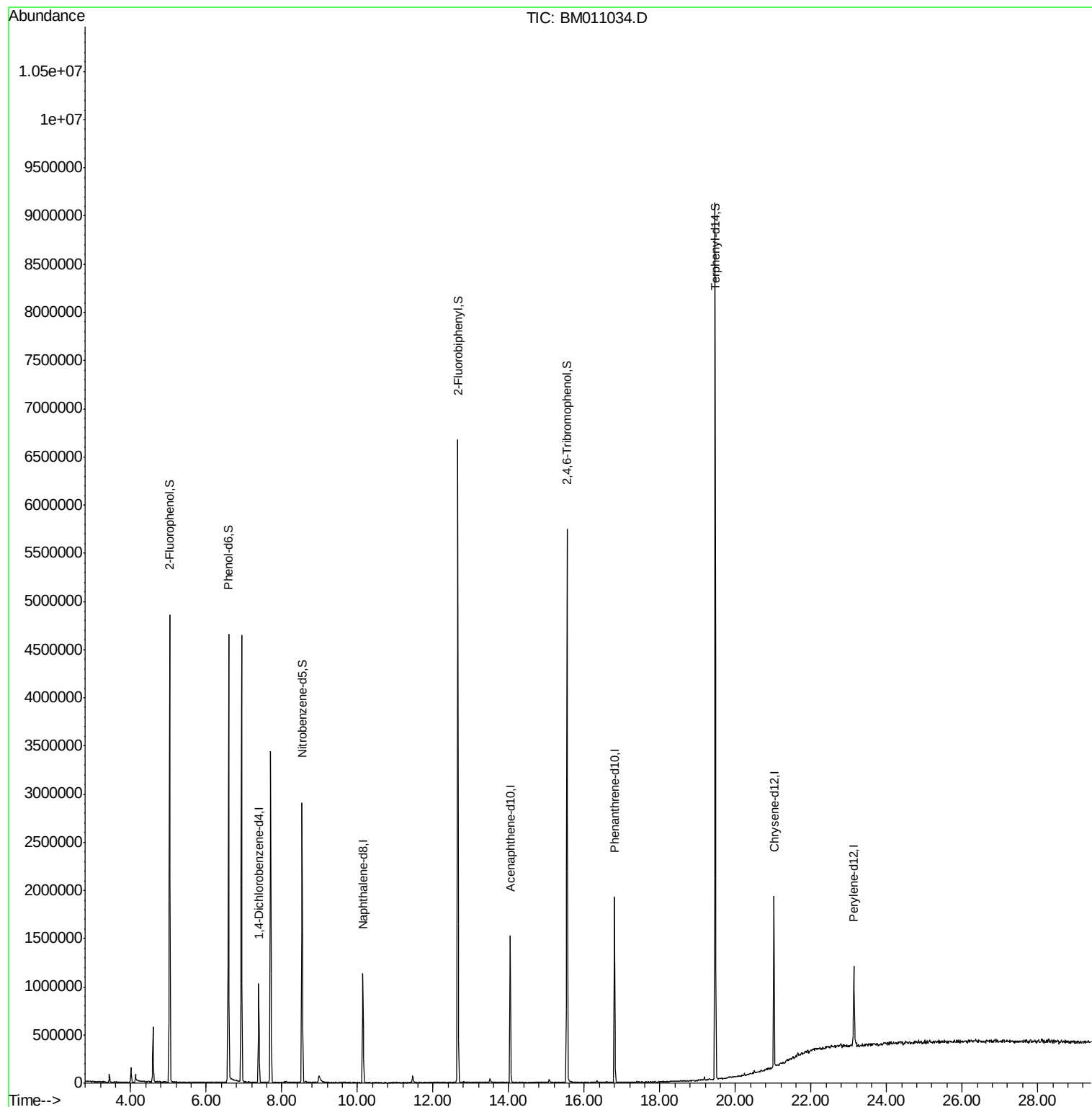
Target Compounds Qvalue

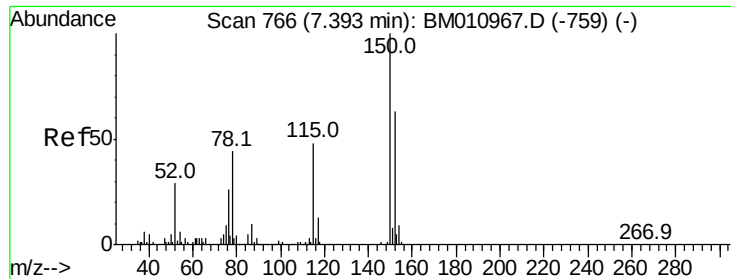
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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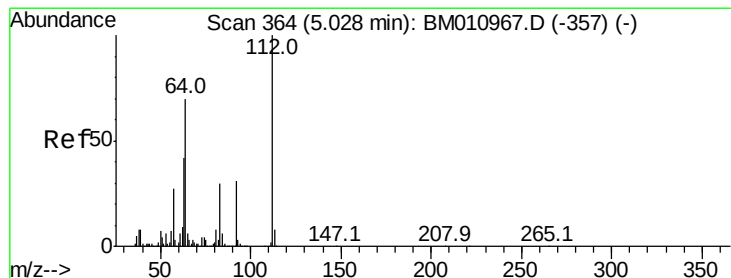
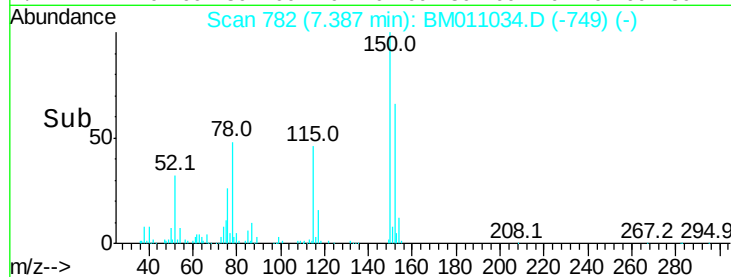
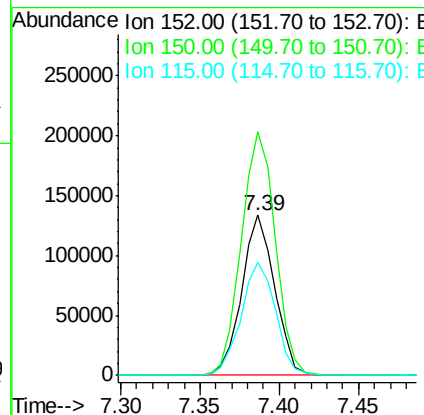
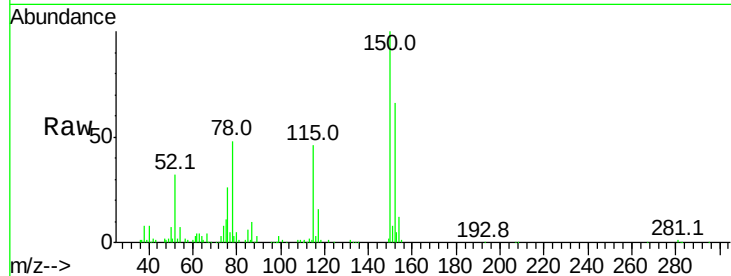


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011034.D
Acq: 28 Jul 2017 10:12

Instrument :
BNA_M
ClientSampled :
PB101003TB

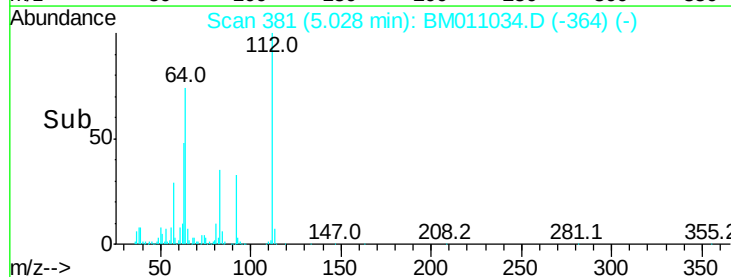
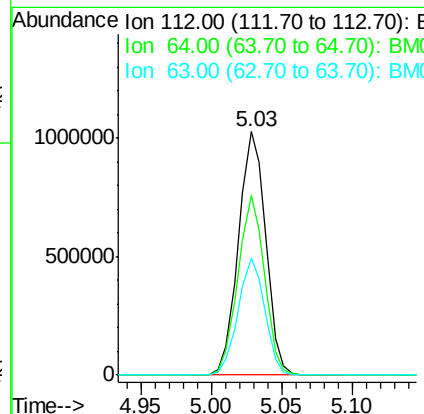
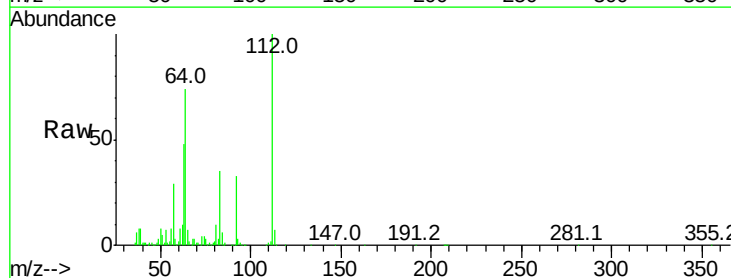
Tot Ion:152 Resp: 192683
Ion Ratio Lower Upper
152 100
150 152.0 119.5 179.3
115 70.6 43.0 64.4#

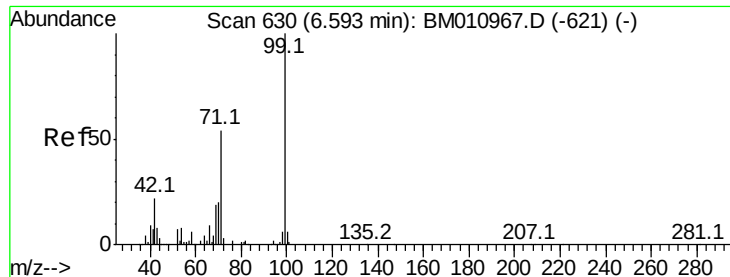


#5

2-Fluorophenol
Concen: 121.389 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011034.D
Acq: 28 Jul 2017 10:12

Tgt Ion:112 Resp: 1383635
Ion Ratio Lower Upper
112 100
64 74.0 38.6 57.8#
63 48.1 19.3 28.9#





#7

Phenol-d6

Concen: 114.407 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011034.D

Acq: 28 Jul 2017 10:12

Instrument :

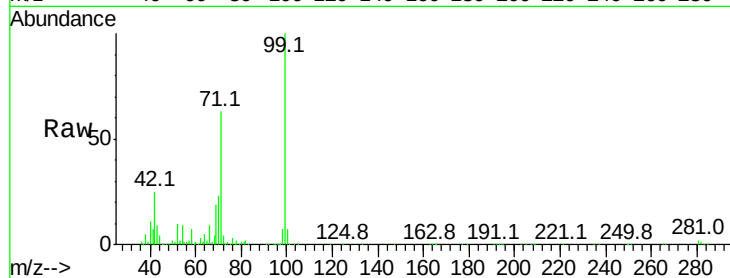
BNA_M

ClientSampleId :

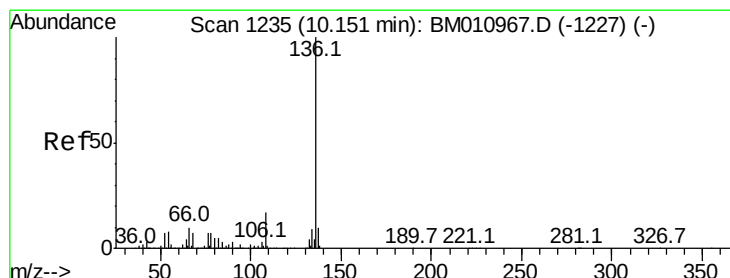
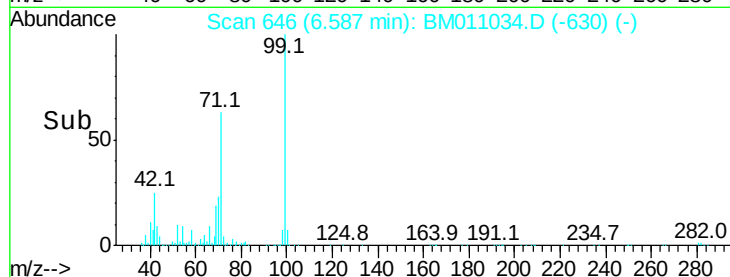
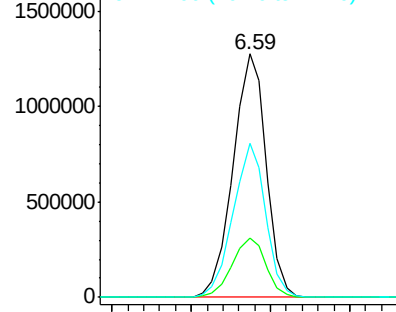
PB101003TB

Tot Ion: 99 Resp: 1852829

Ion	Ratio	Lower	Upper
99	100		
42	24.6	11.0	16.4#
71	63.0	23.4	35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011034.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

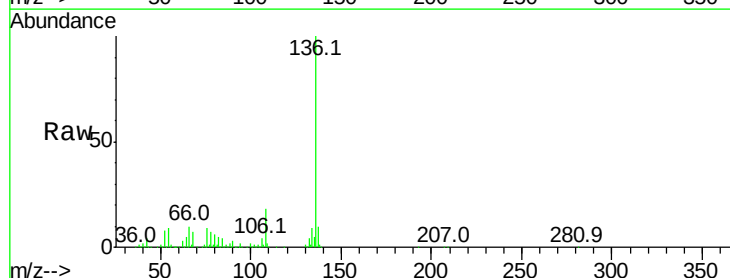
Delta R.T. -0.01 min

Lab File: BM011034.D

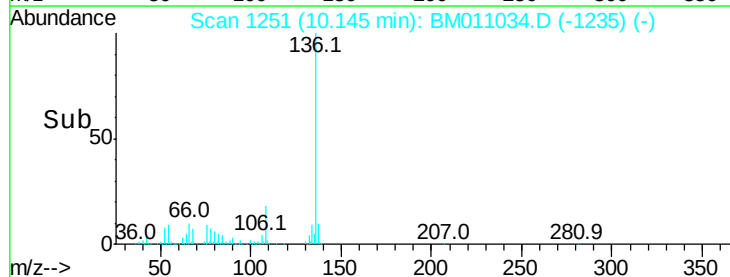
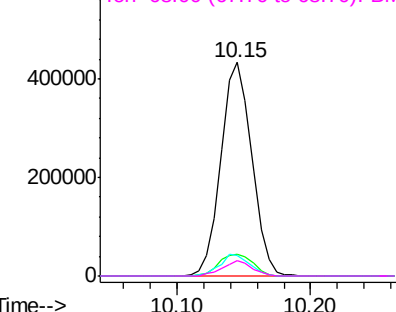
Acq: 28 Jul 2017 10:12

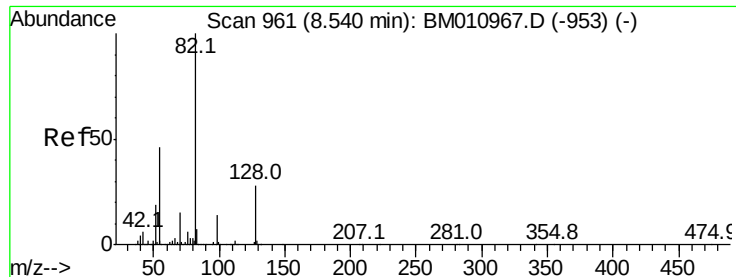
Tgt Ion: 136 Resp: 694785

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	9.4	4.6	6.8#
68	7.1	3.7	5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011034.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 83.210 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011034.D

Acq: 28 Jul 2017 10:12

Instrument :

BNA_M

ClientSampleId :

PB101003TB

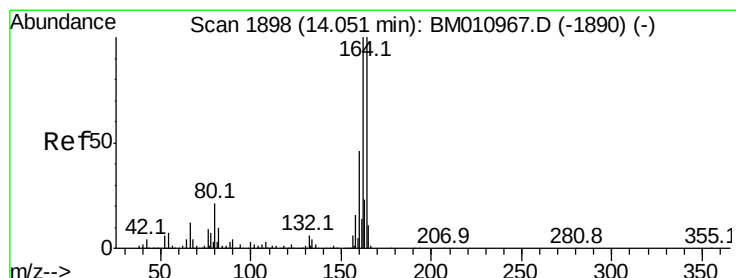
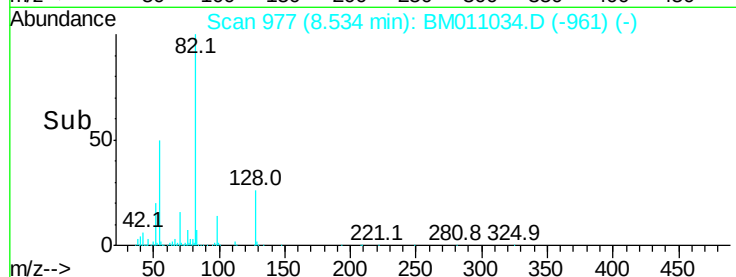
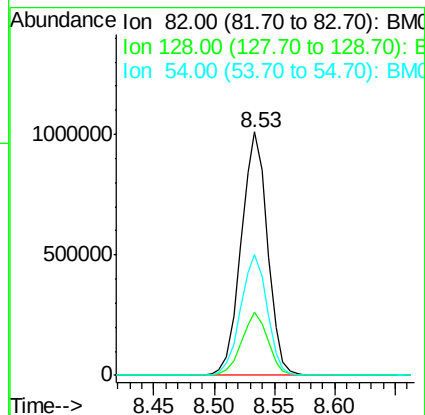
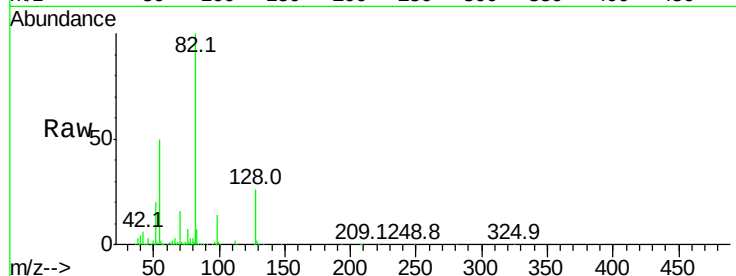
Tot Ion: 82 Resp: 1540387

Ion Ratio Lower Upper

82 100

128 26.1 32.8 49.2#

54 49.7 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM011034.D

Acq: 28 Jul 2017 10:12

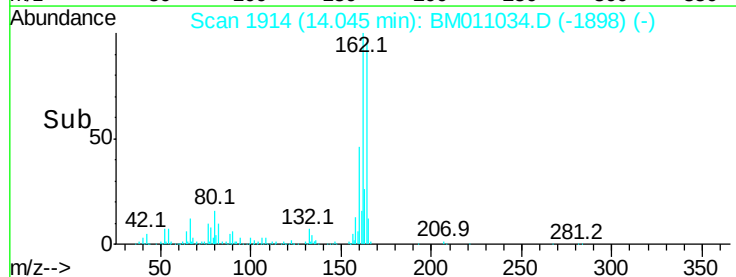
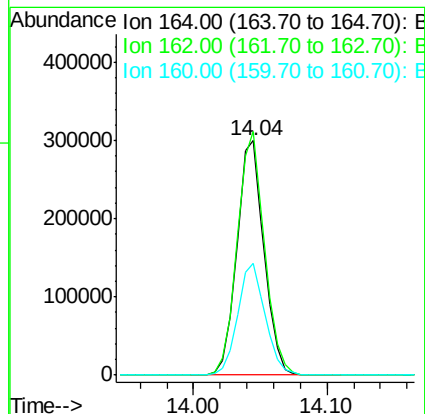
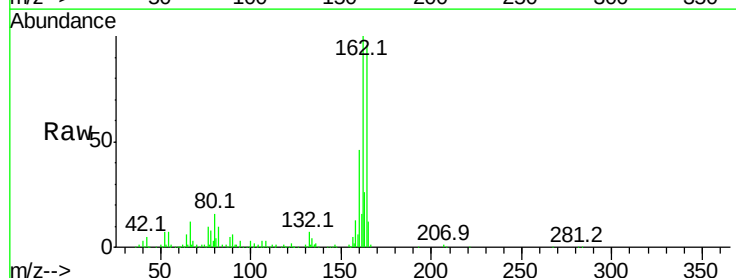
Tgt Ion:164 Resp: 419919

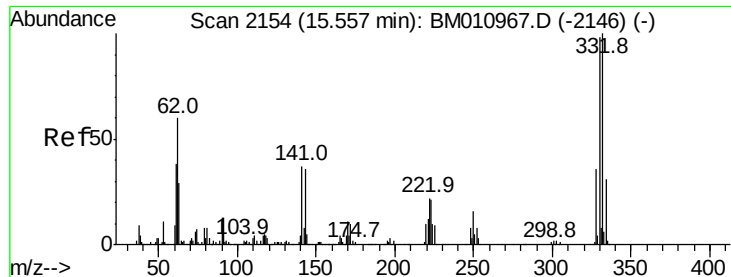
Ion Ratio Lower Upper

164 100

162 103.8 82.4 123.6

160 47.5 35.8 53.6

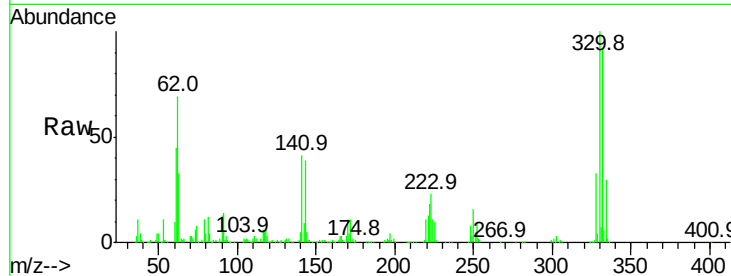




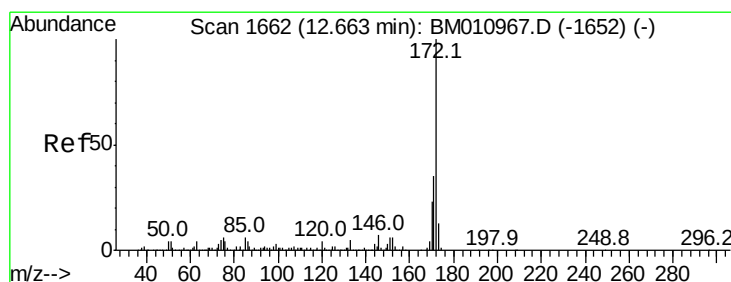
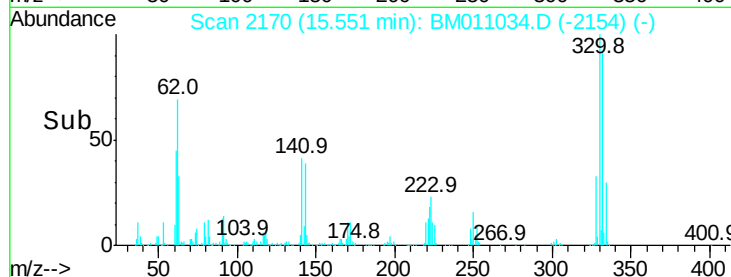
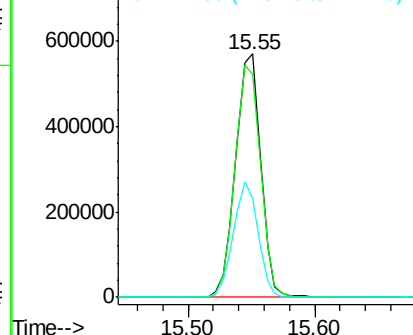
#41
 2,4,6-Tribromophenol
 Concen: 116.363 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM011034.D
 Acq: 28 Jul 2017 10:12

Instrument :
 BNA_M
 ClientSampleId :
 PB101003TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	46.3	0.0	0.0#

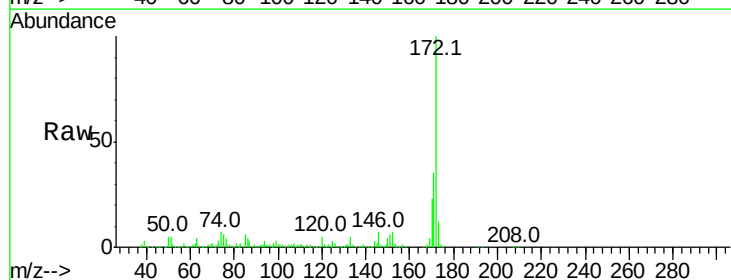


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

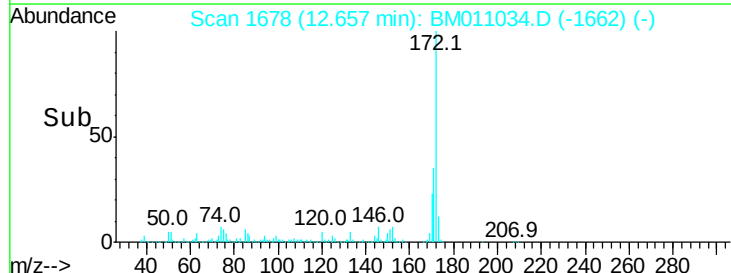
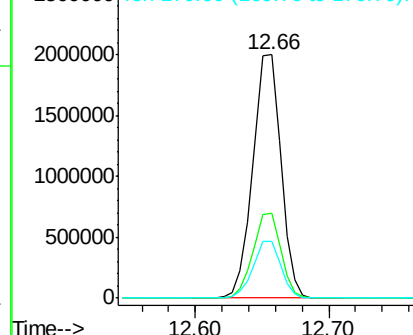


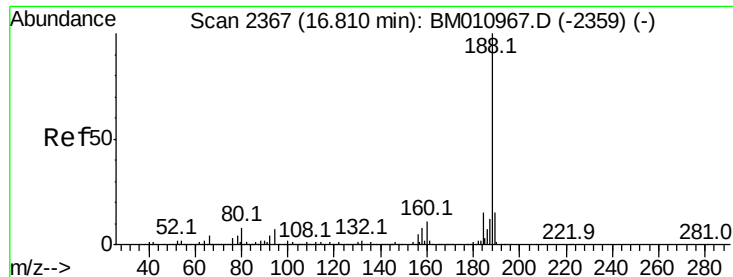
#44
 2-Fluorobiphenyl
 Concen: 86.592 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011034.D
 Acq: 28 Jul 2017 10:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.4	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

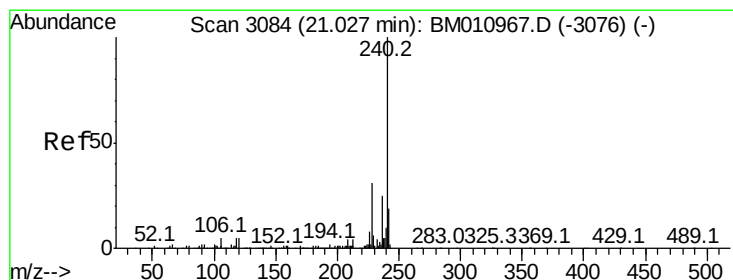
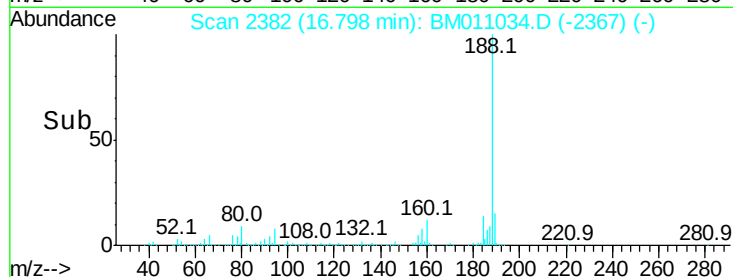
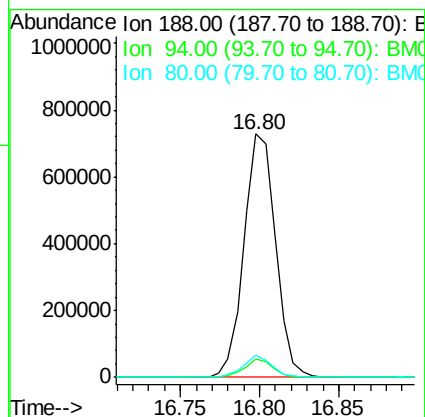
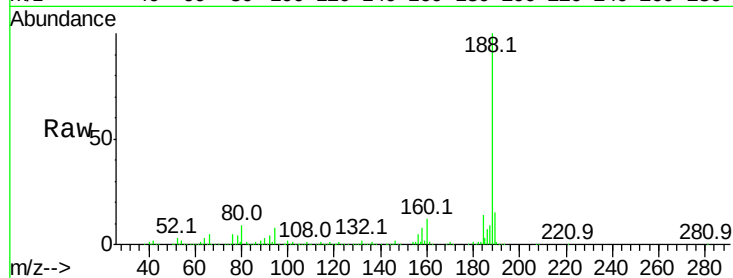




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011034.D
Acq: 28 Jul 2017 10:12

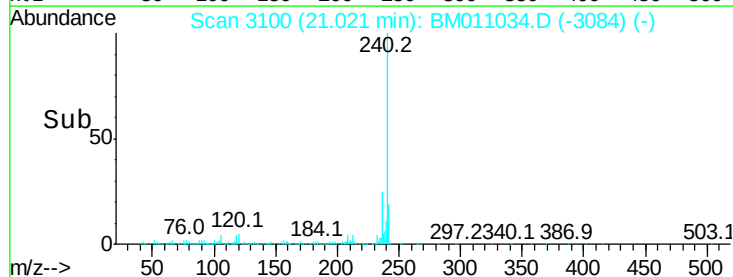
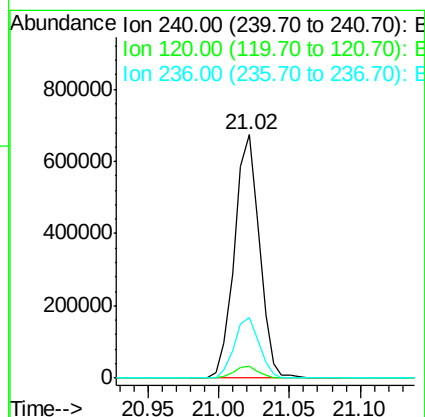
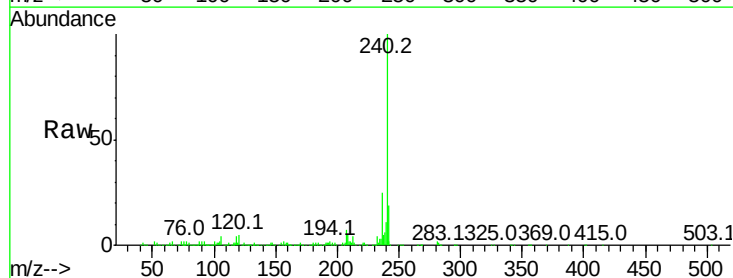
Instrument :
BNA_M
ClientSampleId :
PB101003TB

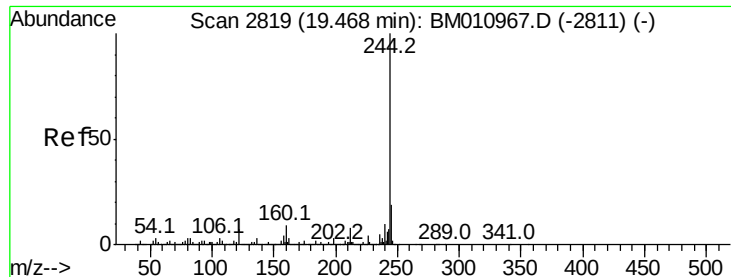
Tot Ion:188 Resp: 1010353
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 9.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011034.D
Acq: 28 Jul 2017 10:12

Tgt Ion:240 Resp: 832756
Ion Ratio Lower Upper
240 100
120 4.8 8.2 12.2#
236 25.1 20.0 30.0





#78

Terphenyl-d14

Concen: 82.670 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011034.D

Acq: 28 Jul 2017 10:12

Instrument :

BNA_M

ClientSampleId :

PB101003TB

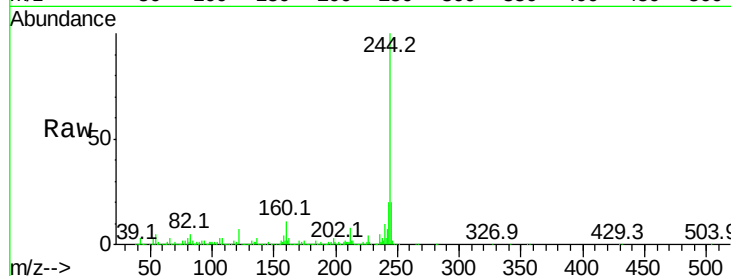
Tot Ion:244 Resp: 3475429

Ion Ratio Lower Upper

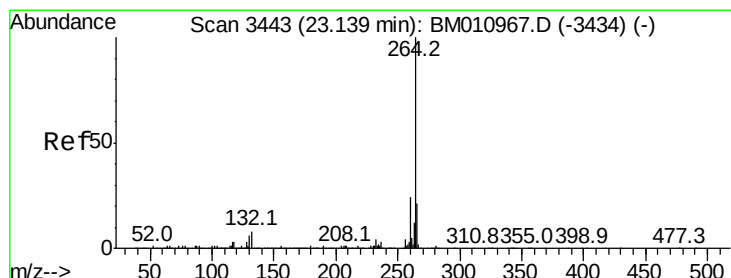
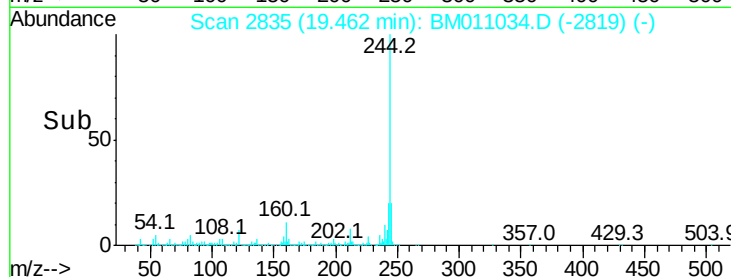
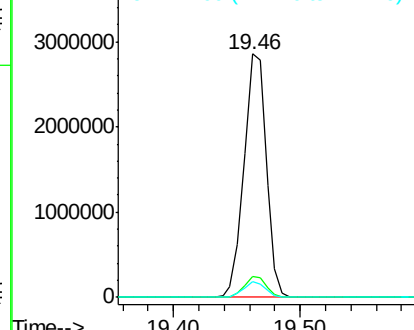
244 100

212 8.5 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

Perylene-d12

Concen: 20.000 ng

RT: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011034.D

Acq: 28 Jul 2017 10:12

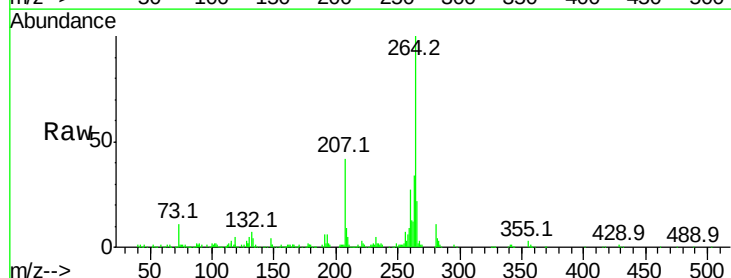
Tgt Ion:264 Resp: 419323

Ion Ratio Lower Upper

264 100

260 26.8 18.6 27.8

265 21.9 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

