

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
 Data File : BM010983.D
 Acq On : 26 Jul 2017 22:37
 Operator : SJ/JU
 Sample : PB100891BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BL

Quant Time: Jul 27 09:45:01 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	257965	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	968723	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	641831	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1619109	20.00	ng	0.00
75) Chrysene-d12	21.02	240	1594117	20.00	ng	0.00
86) Perylene-d12	23.13	264	1086259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1882860	123.38	ng	0.00
7) Phenol-d6	6.59	99	2563186	118.22	ng	0.00
23) Nitrobenzene-d5	8.54	82	2040958	79.07	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1199128	116.57	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	4182612	81.73	ng	0.00
78) Terphenyl-d14	19.47	244	6164218	76.60	ng	0.00

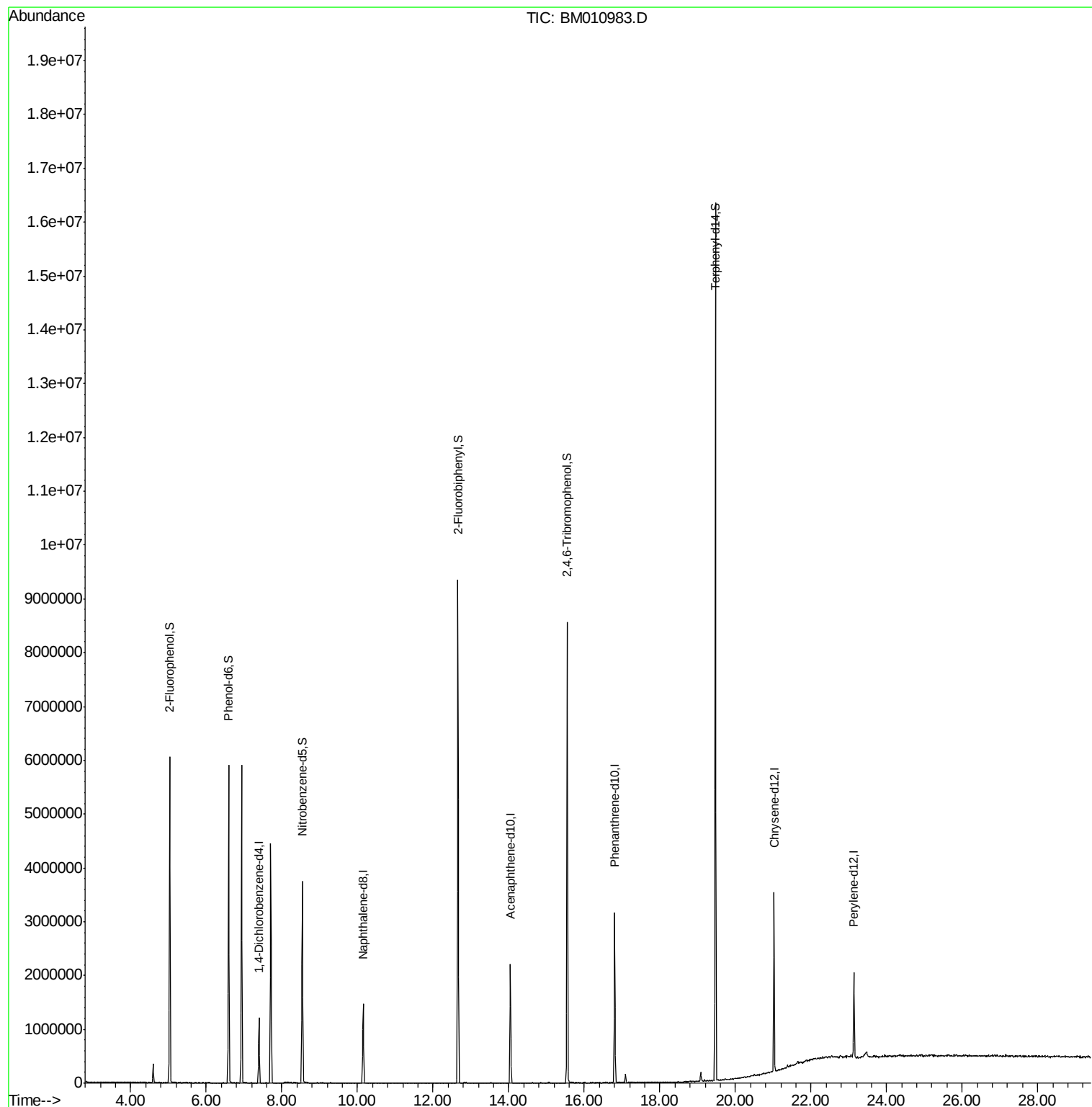
Target Compounds Qvalue

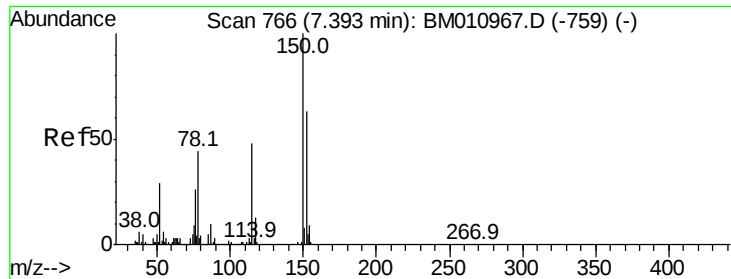
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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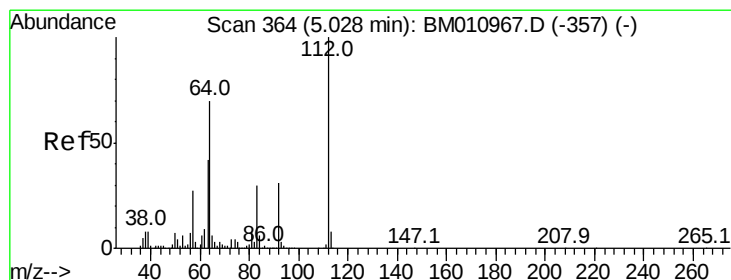
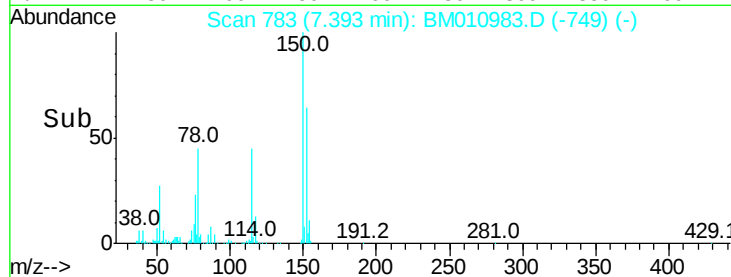
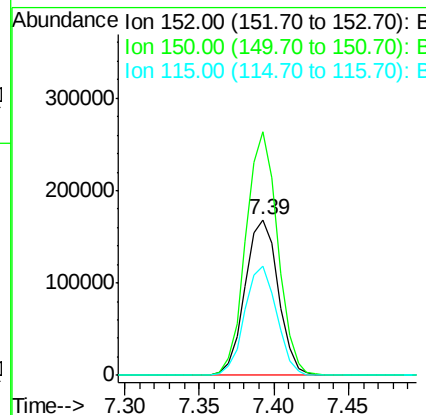
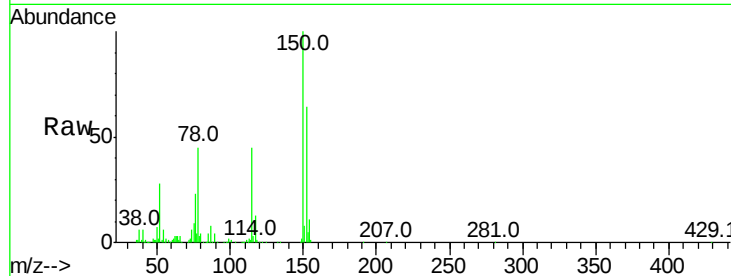


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 783
Delta R.T. 0.00 min
Lab File: BM010983.D
Acq: 26 Jul 2017 22:37

Instrument :
BNA_M
ClientSampleId :
PB100891BL

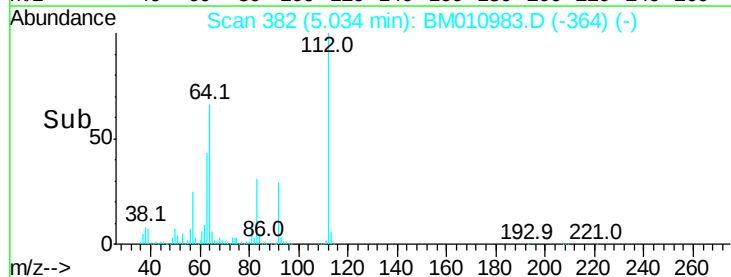
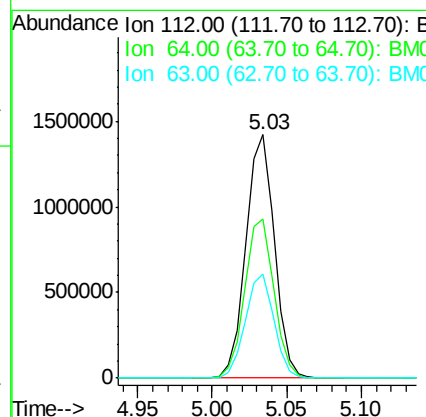
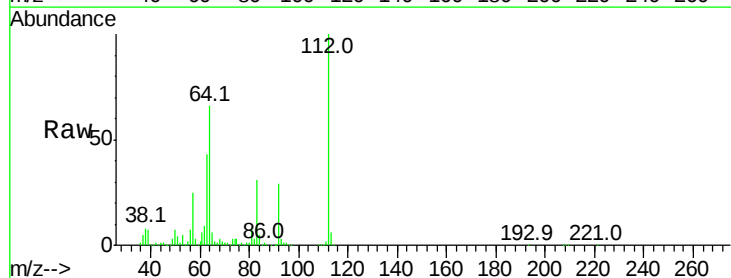
Tot Ion:152 Resp: 257965
Ion Ratio Lower Upper
152 100
150 156.7 119.5 179.3
115 70.4 43.0 64.4#

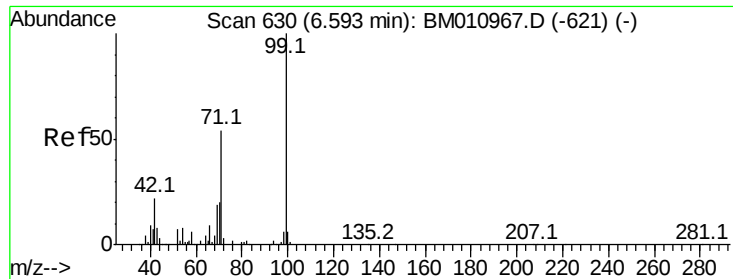


#5

2-Fluorophenol
Concen: 123.383 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM010983.D
Acq: 26 Jul 2017 22:37

Tgt Ion:112 Resp: 1882860
Ion Ratio Lower Upper
112 100
64 65.6 38.6 57.8#
63 42.7 19.3 28.9#





#7

Phenol-d6

Concen: 118.217 ng

RT: 6.59 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM010983.D

Acq: 26 Jul 2017 22:37

Instrument :

BNA_M

ClientSampleId :

PB100891BL

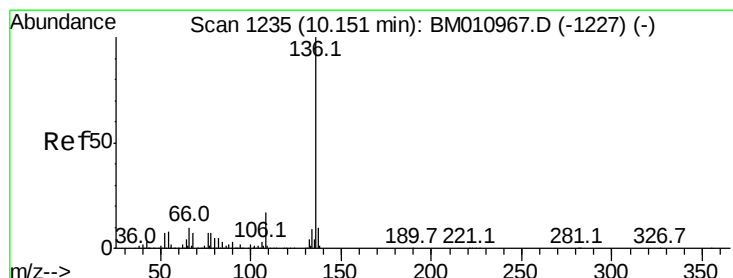
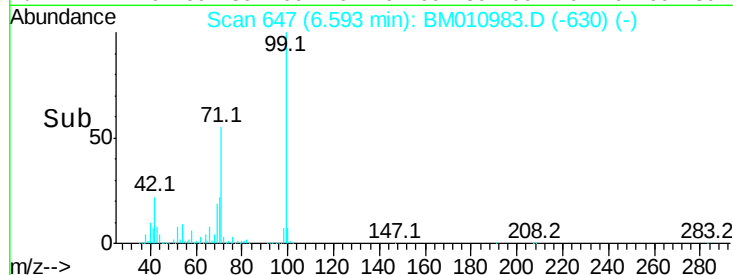
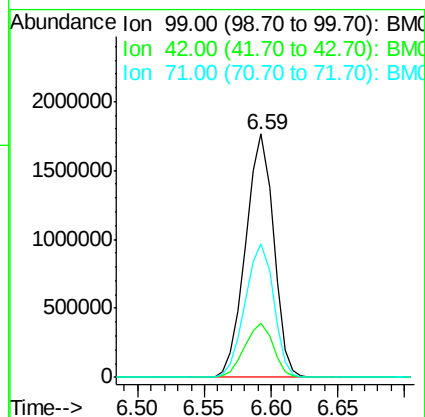
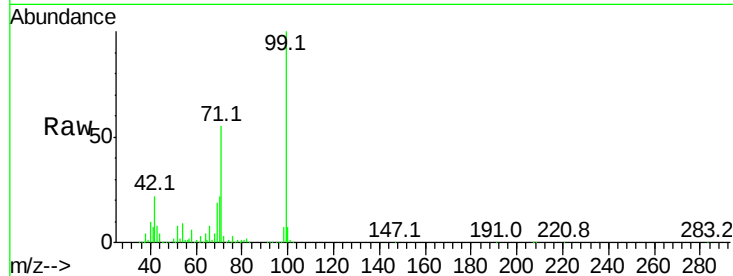
Tot Ion: 99 Resp: 2563186

Ion Ratio Lower Upper

99 100

42 22.2 11.0 16.4#

71 55.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM010983.D

Acq: 26 Jul 2017 22:37

Tgt Ion: 136 Resp: 968723

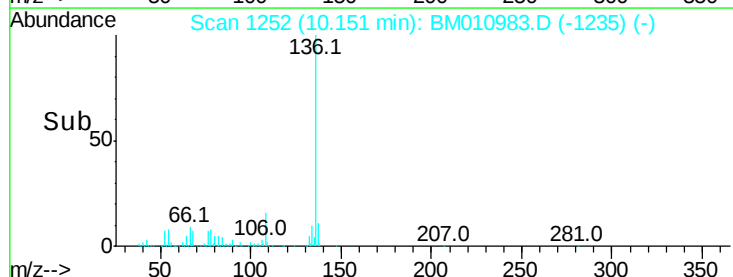
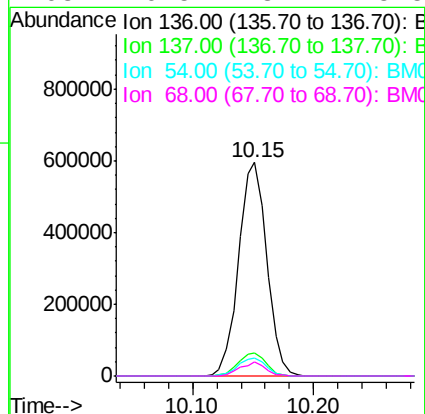
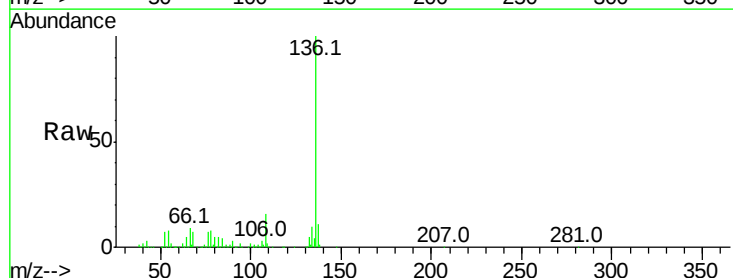
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.3 4.6 6.8#

68 6.5 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 79.074 ng

RT: 8.54 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM010983.D

Acq: 26 Jul 2017 22:37

Instrument :

BNA_M

ClientSampleId :

PB100891BL

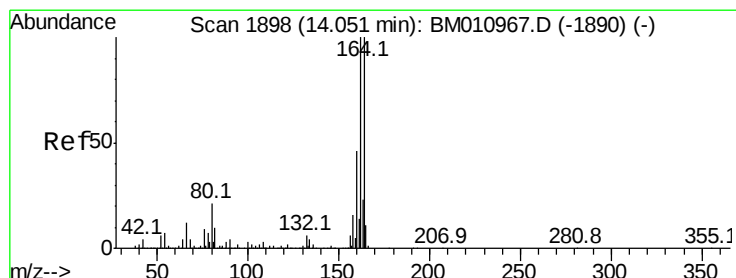
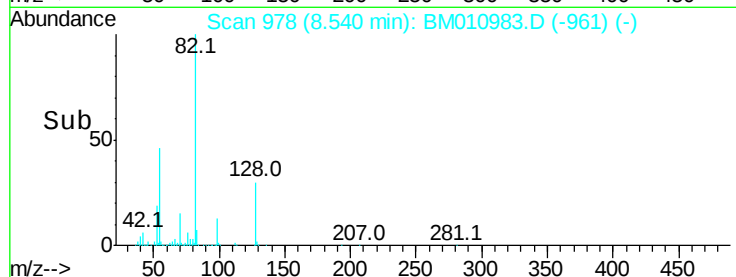
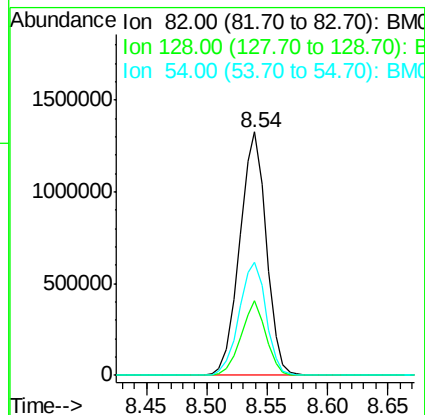
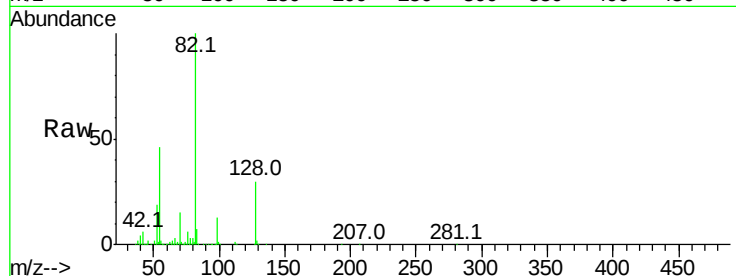
Tot Ion: 82 Resp: 2040958

Ion Ratio Lower Upper

82 100

128 30.4 32.8 49.2#

54 46.4 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.05 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BM010983.D

Acq: 26 Jul 2017 22:37

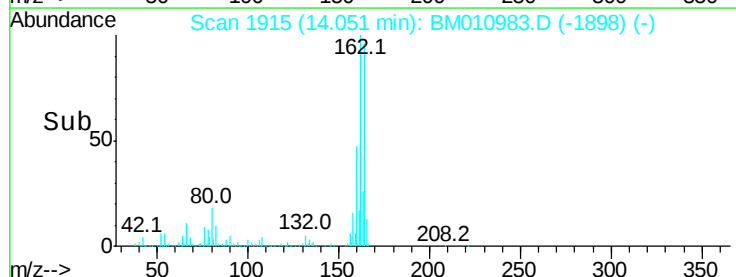
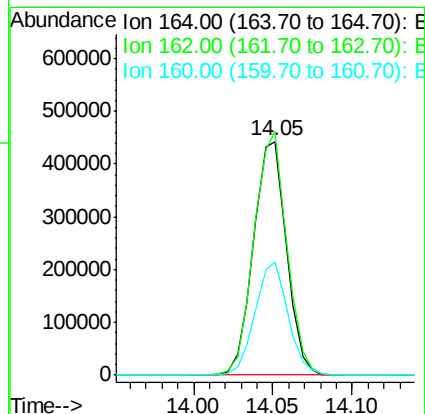
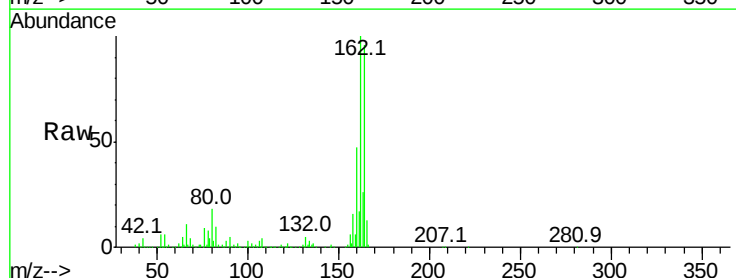
Tgt Ion: 164 Resp: 641831

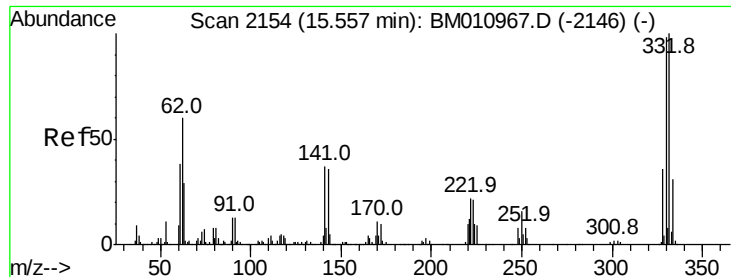
Ion Ratio Lower Upper

164 100

162 104.1 82.4 123.6

160 48.6 35.8 53.6

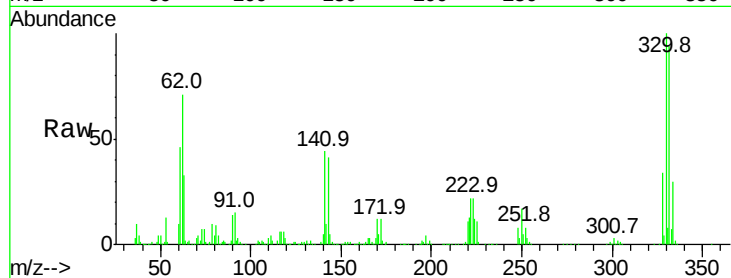




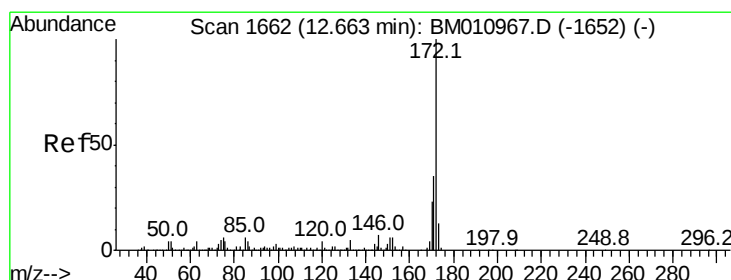
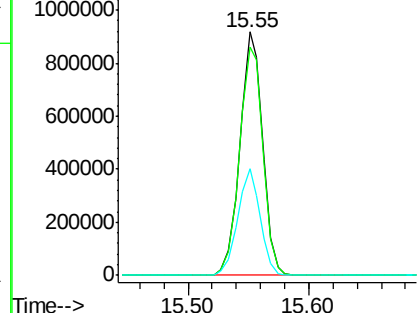
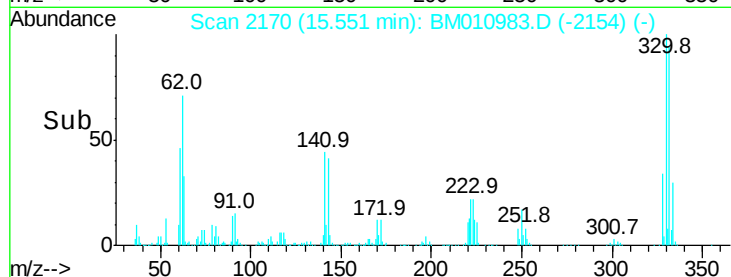
#41
 2,4,6-Tribromophenol
 Concen: 116.565 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM010983.D
 Acq: 26 Jul 2017 22:37

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BL

Tot Ion:330 Resp: 1199128
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 43.3 0.0 0.0#

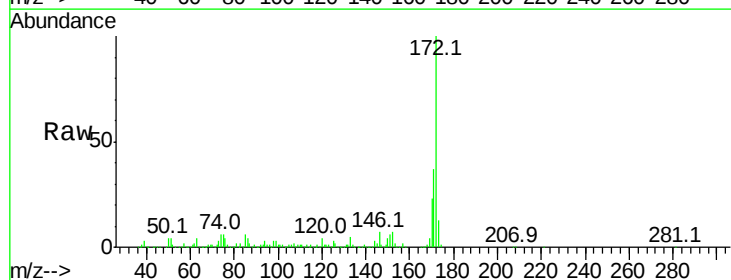


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

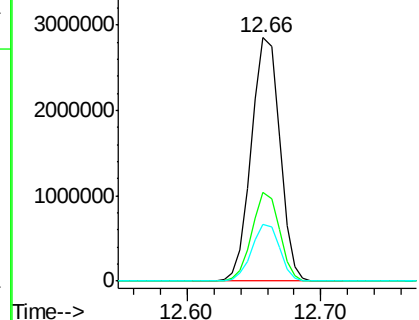
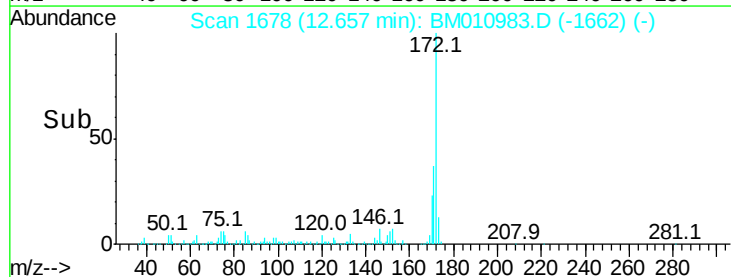


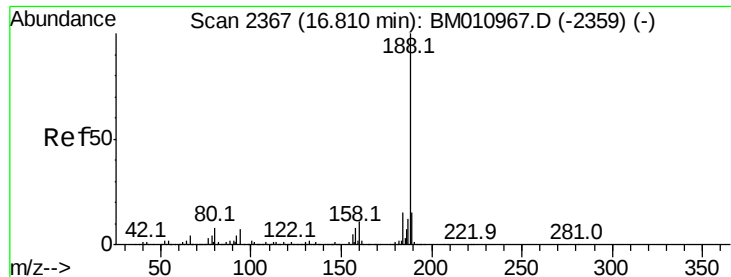
#44
 2-Fluorobiphenyl
 Concen: 81.728 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM010983.D
 Acq: 26 Jul 2017 22:37

Tgt Ion:172 Resp: 4182612
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

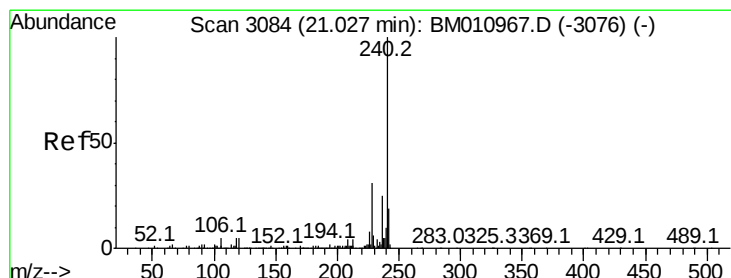
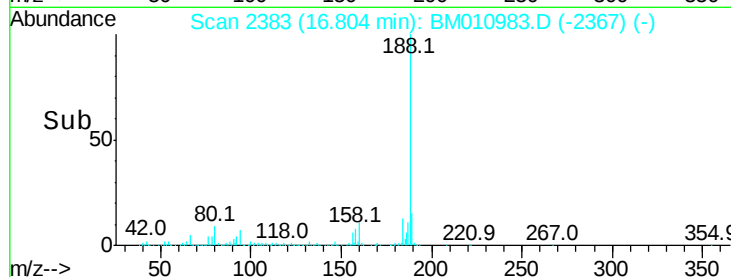
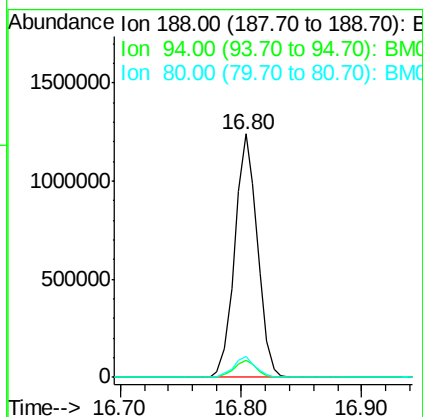
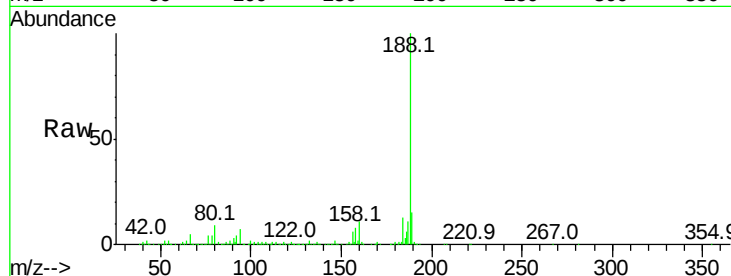




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM010983.D
Acq: 26 Jul 2017 22:37

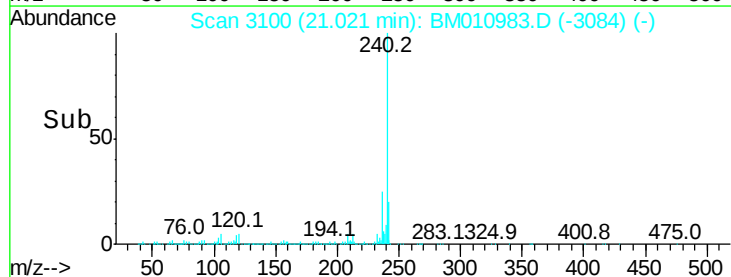
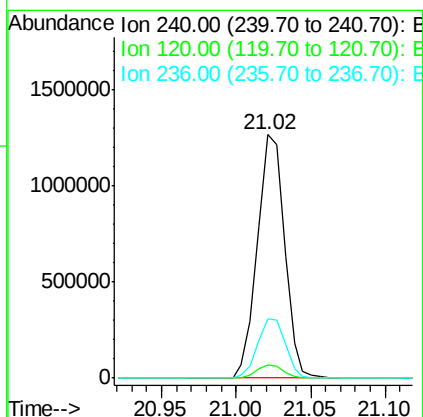
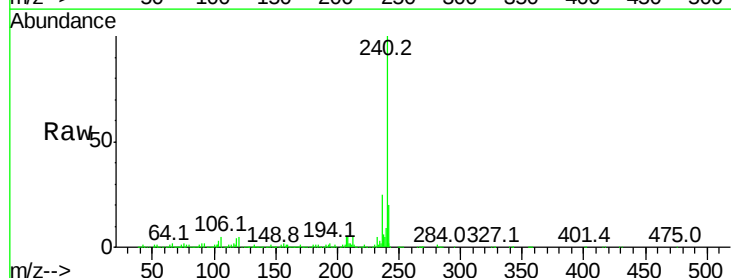
Instrument :
BNA_M
ClientSampleId :
PB100891BL

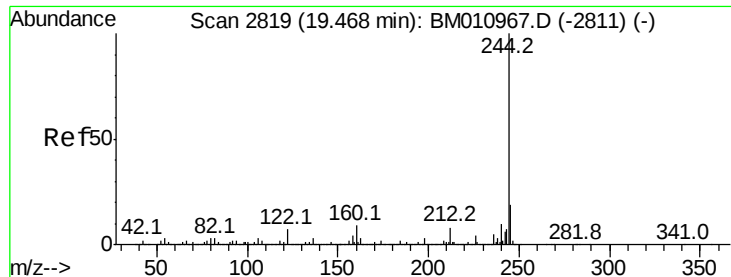
Tot Ion:188 Resp: 1619109
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 8.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM010983.D
Acq: 26 Jul 2017 22:37

Tgt Ion:240 Resp: 1594117
Ion Ratio Lower Upper
240 100
120 5.4 8.2 12.2#
236 24.5 20.0 30.0





#78

Terphenyl-d14

Concen: 76.597 ng

RT: 19.47 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BM010983.D

Acq: 26 Jul 2017 22:37

Instrument :

BNA_M

ClientSampleId :

PB100891BL

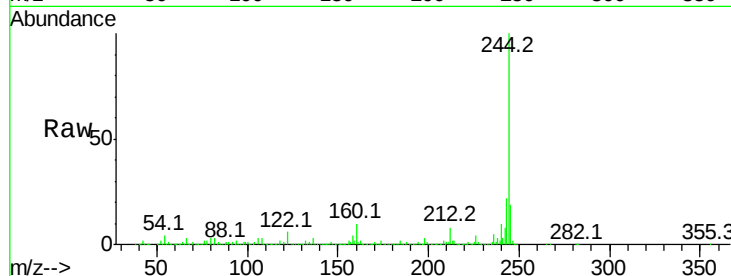
Tot Ion:244 Resp: 6164218

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

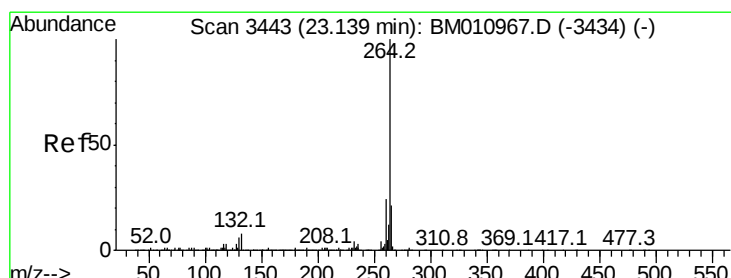
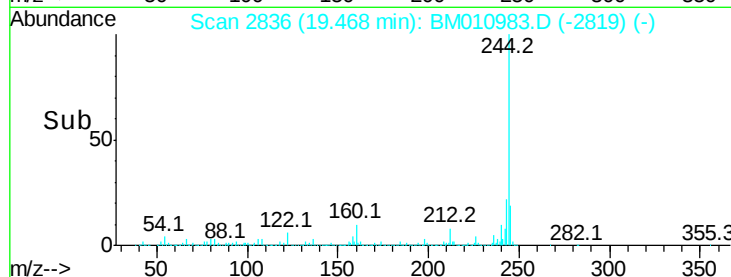
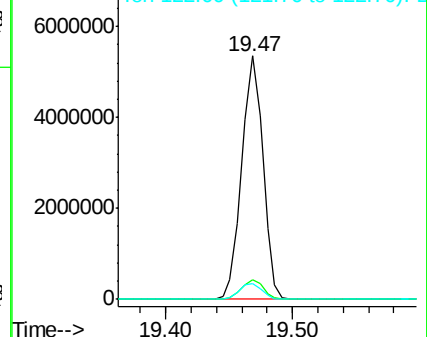
122 6.5 6.2 9.4



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: BM010983.D

Acq: 26 Jul 2017 22:37

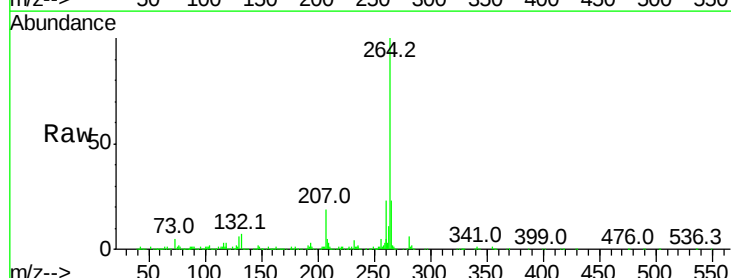
Tgt Ion:264 Resp: 1086259

Ion Ratio Lower Upper

264 100

260 23.2 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

