

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071917\
 Data File : BM010890.D
 Acq On : 19 Jul 2017 13:12
 Operator : SJ/JU
 Sample : PB100757BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100757BL

Quant Time: Jul 20 01:07:04 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	241125	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	921777	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	573847	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1217874	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1015268	20.00	ng	0.00
86) Perylene-d12	23.19	264	909837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1912100	131.36	ng	0.00
7) Phenol-d6	6.64	99	2566417	127.89	ng	0.00
23) Nitrobenzene-d5	8.59	82	1971776	82.22	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	981620	111.94	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3941240	85.44	ng	0.00
78) Terphenyl-d14	19.50	244	4297379	81.87	ng	0.00

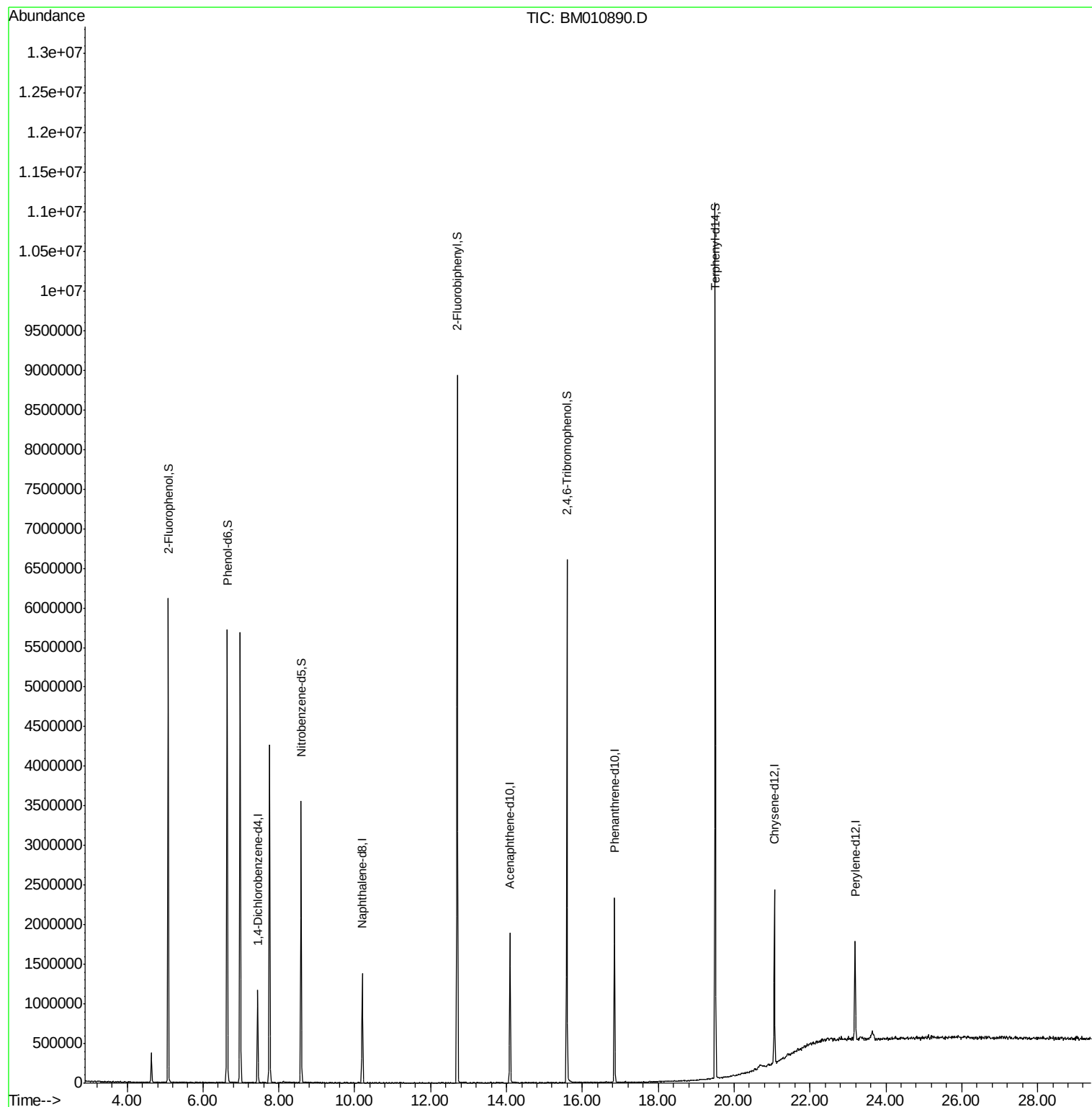
Target Compounds	Qvalue
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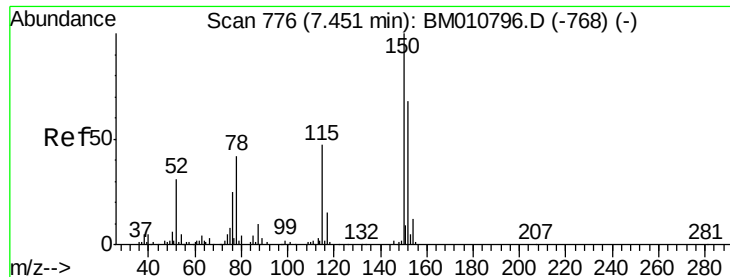
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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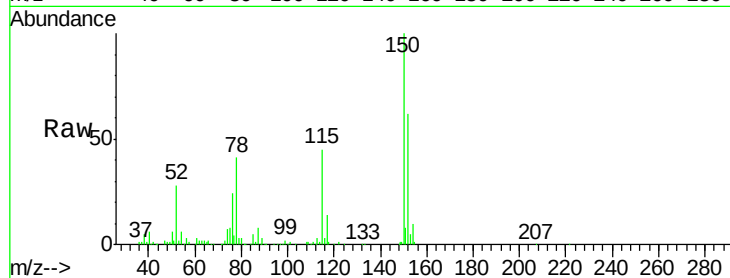


#1

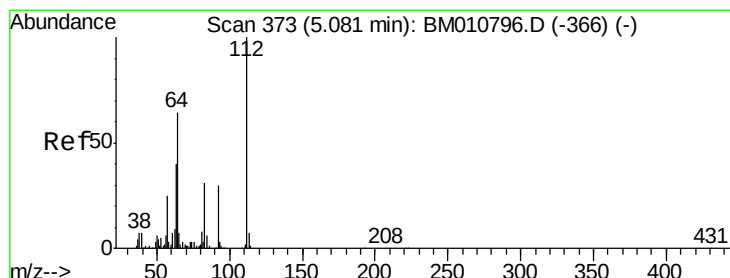
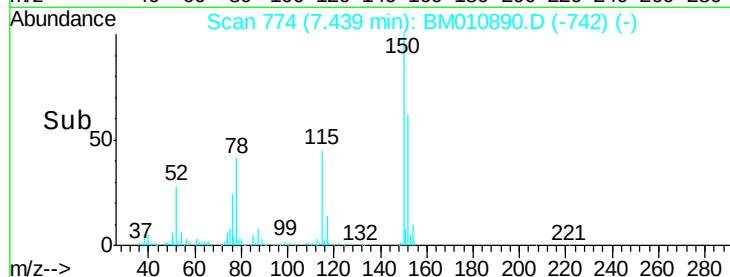
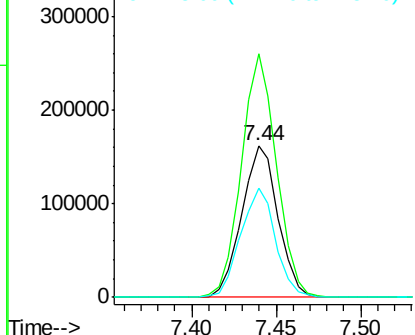
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010890.D
Acq: 19 Jul 2017 13:12

Instrument :
BNA_M
ClientSampleId :
PB100757BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.2	119.5	179.3
115	71.4	43.0	64.4



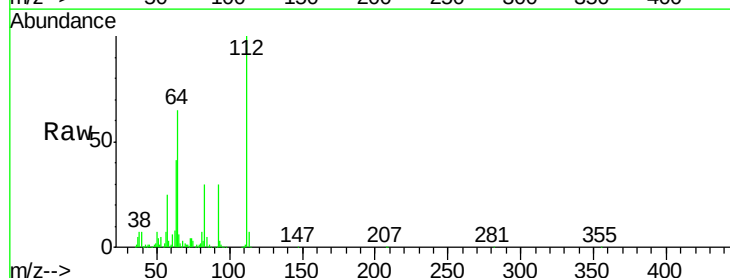
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



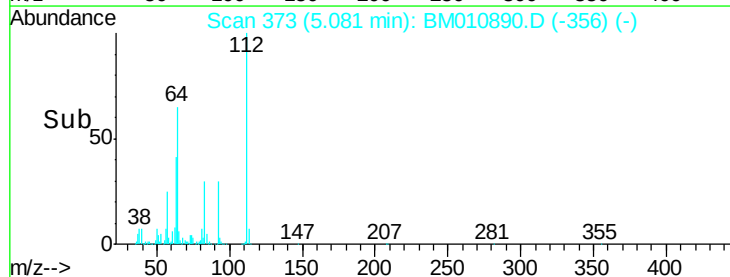
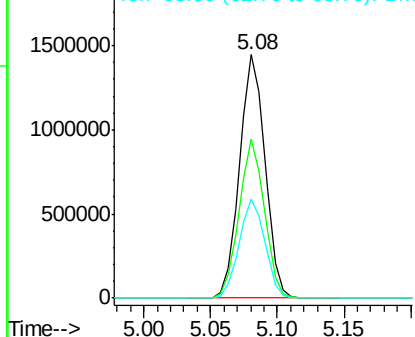
#5

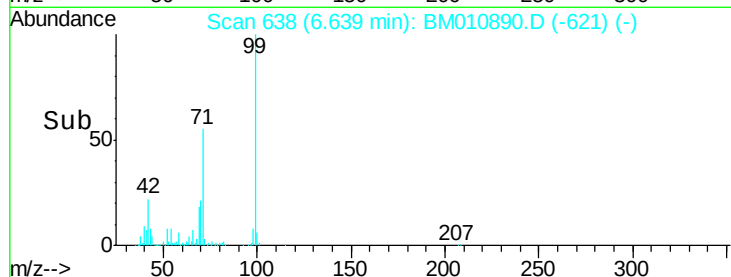
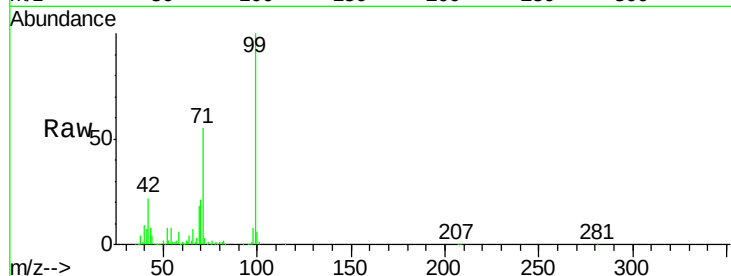
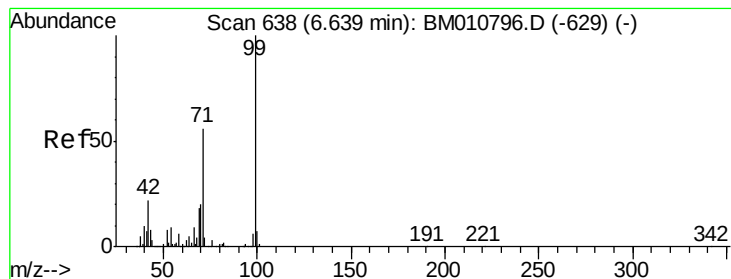
2-Fluorophenol
Concen: 131.358 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010890.D
Acq: 19 Jul 2017 13:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	38.6	57.8
63	40.7	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: 127.891 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010890.D

Acq: 19 Jul 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB100757BL

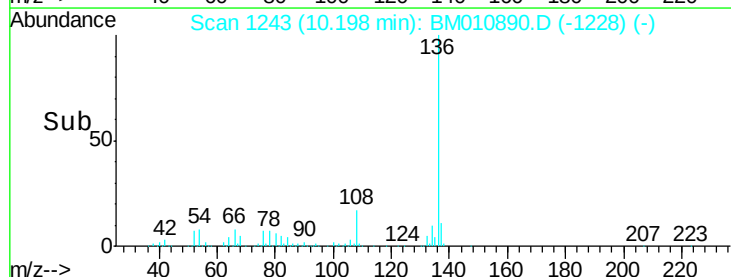
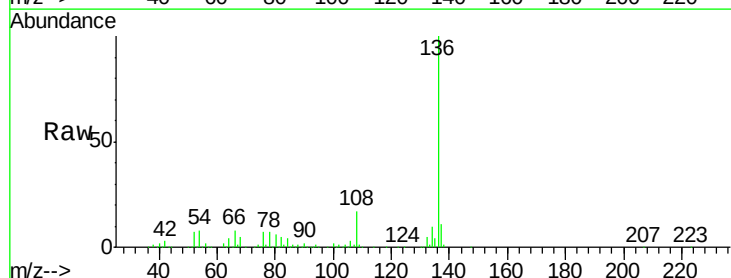
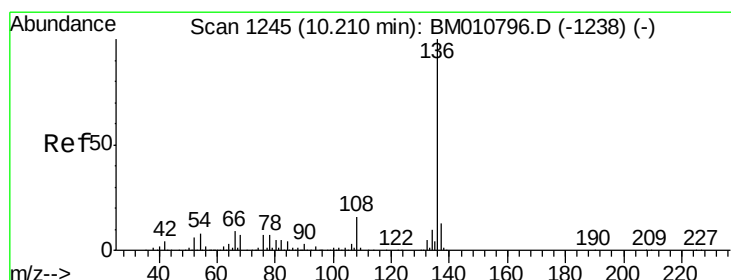
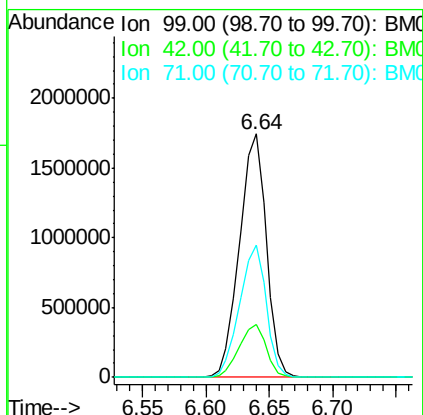
Tgt Ion: 99 Resp: 2566417

Ion Ratio Lower Upper

99 100

42 21.8 11.0 16.4#

71 54.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010890.D

Acq: 19 Jul 2017 13:12

Tgt Ion: 136 Resp: 921777

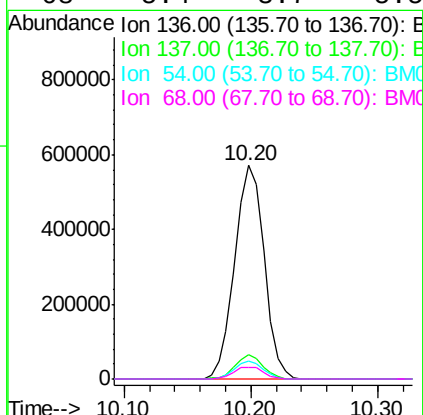
Ion Ratio Lower Upper

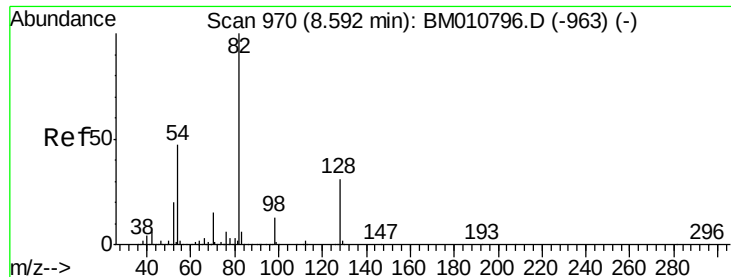
136 100

137 11.4 8.7 13.1

54 8.3 4.6 6.8#

68 5.4 3.7 5.5

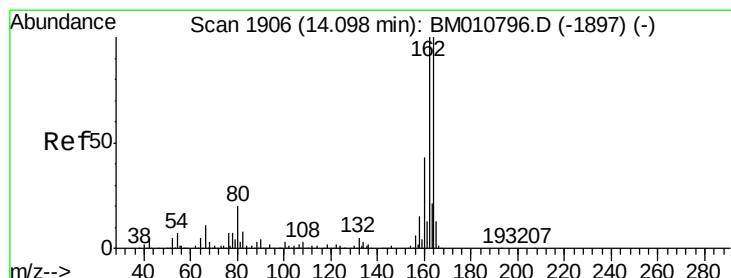
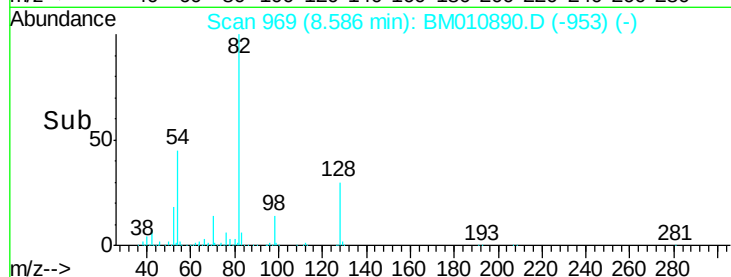
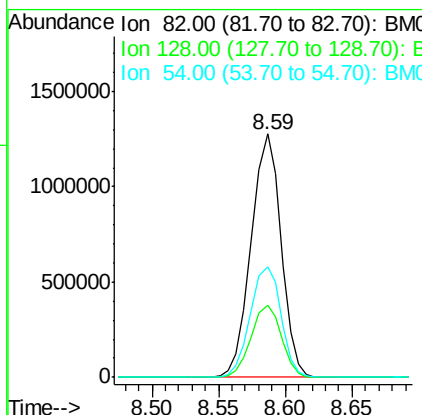
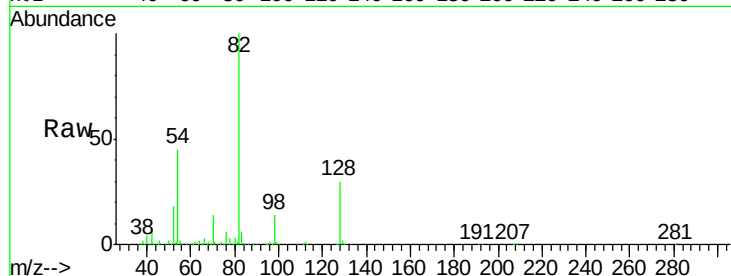




#23
 Nitrobenzene-d5
 Concen: 82.222 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010890.D
 Acq: 19 Jul 2017 13:12

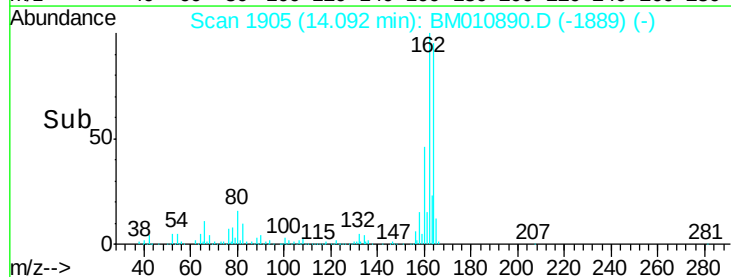
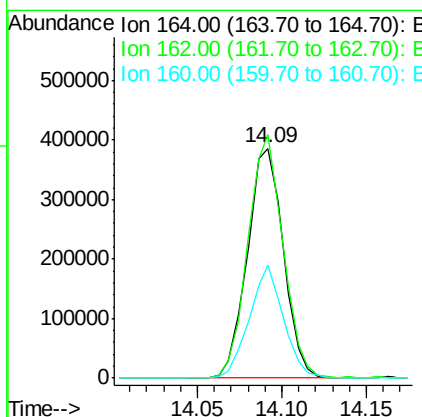
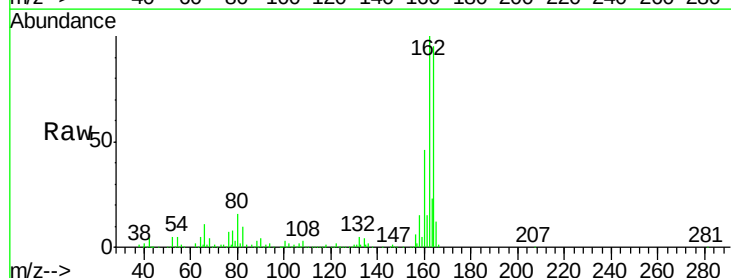
Instrument :
 BNA_M
 ClientSampleId :
 PB100757BL

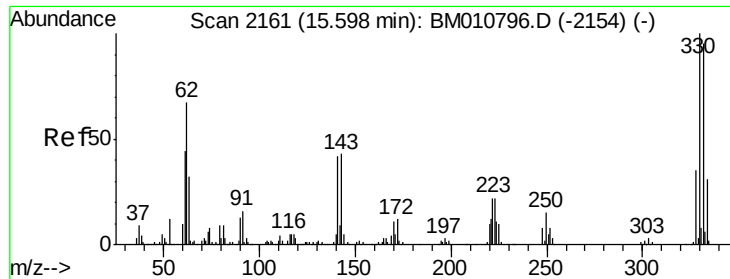
Tgt Ion: 82 Resp: 1971776
 Ion Ratio Lower Upper
 82 100
 128 29.8 32.8 49.2#
 54 45.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010890.D
 Acq: 19 Jul 2017 13:12

Tgt Ion: 164 Resp: 573847
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.4 123.6
 160 48.9 35.8 53.6

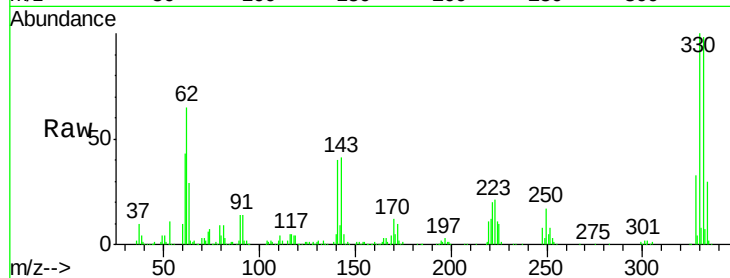




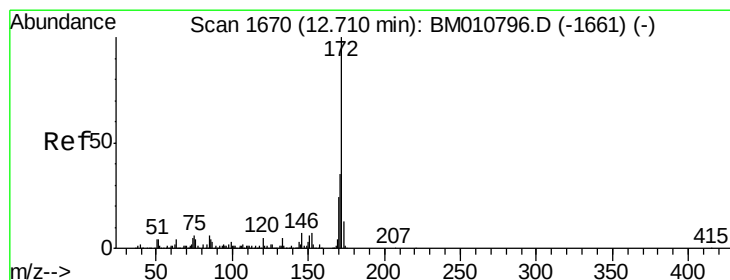
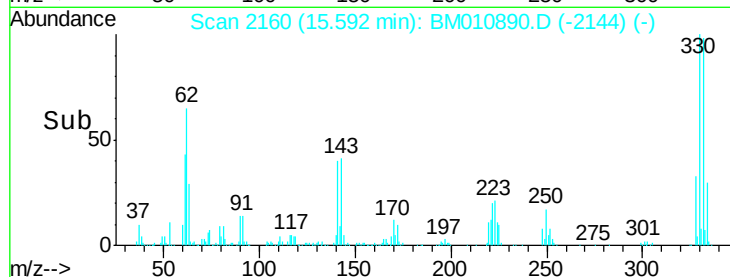
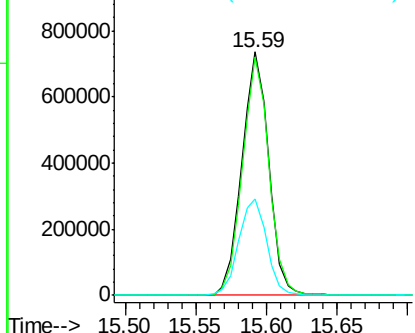
#41
 2,4,6-Tribromophenol
 Concen: 111.936 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010890.D
 Acq: 19 Jul 2017 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB100757BL

Tgt Ion:330 Resp: 981620
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 41.2 0.0 0.0#

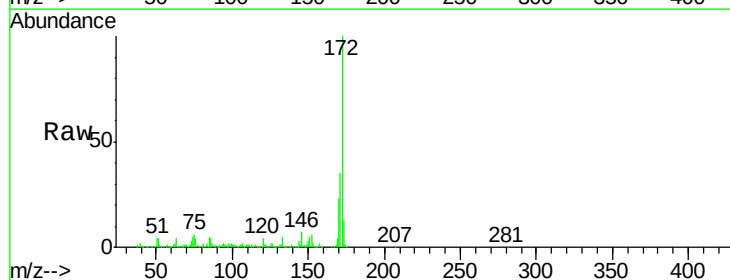


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

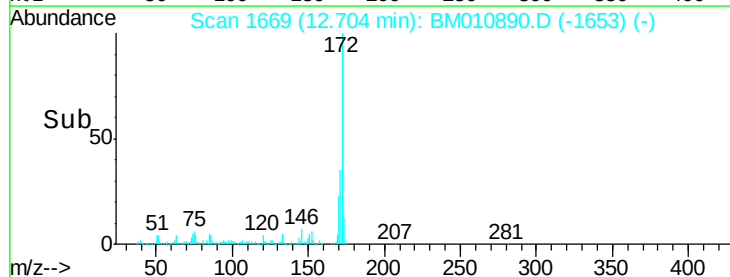
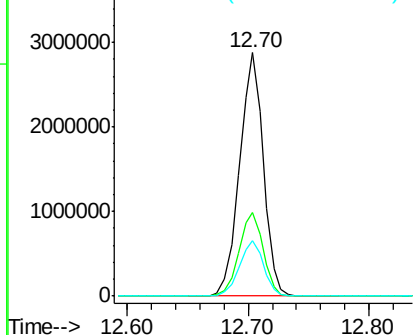


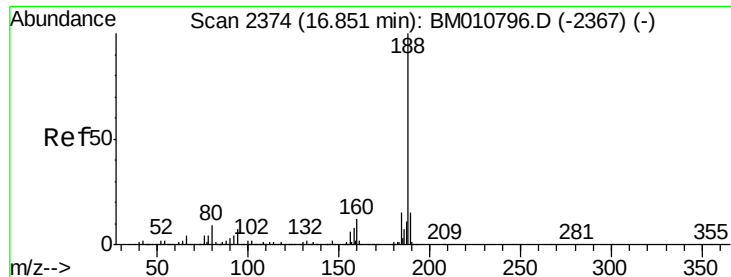
#44
 2-Fluorobiphenyl
 Concen: 85.441 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010890.D
 Acq: 19 Jul 2017 13:12

Tgt Ion:172 Resp: 3941240
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.0 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: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010890.D

Acq: 19 Jul 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB100757BL

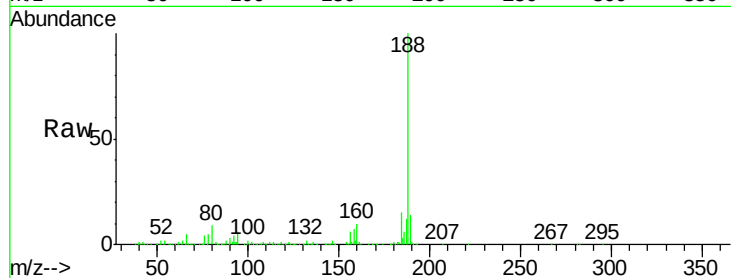
Tgt Ion:188 Resp: 1217874

Ion Ratio Lower Upper

188 100

94 6.4 8.7 13.1#

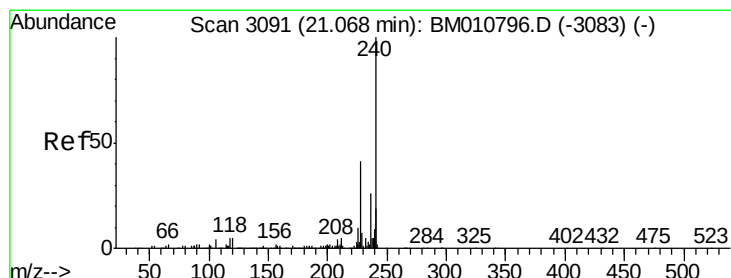
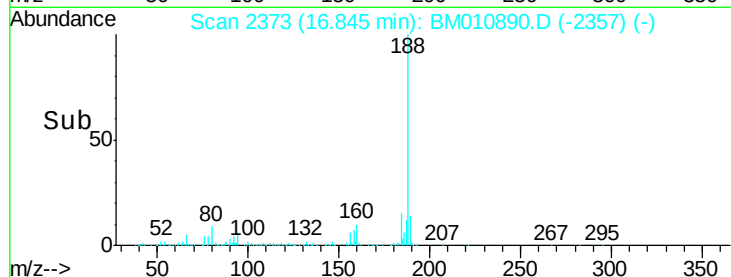
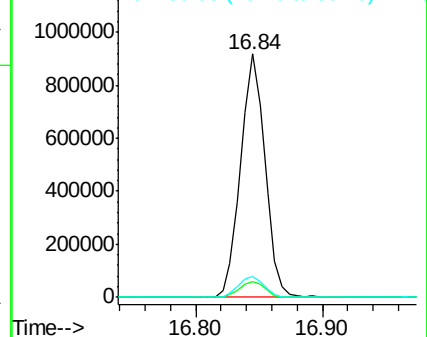
80 8.6 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010890.D

Acq: 19 Jul 2017 13:12

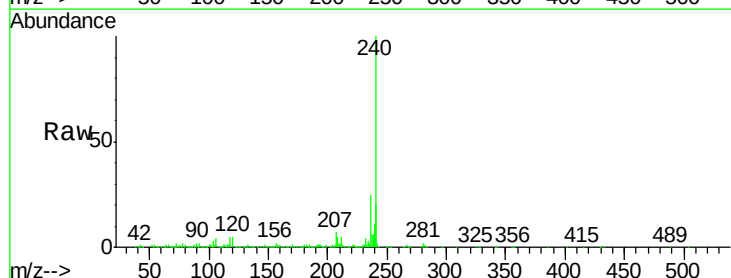
Tgt Ion:240 Resp: 1015268

Ion Ratio Lower Upper

240 100

120 4.9 8.2 12.2#

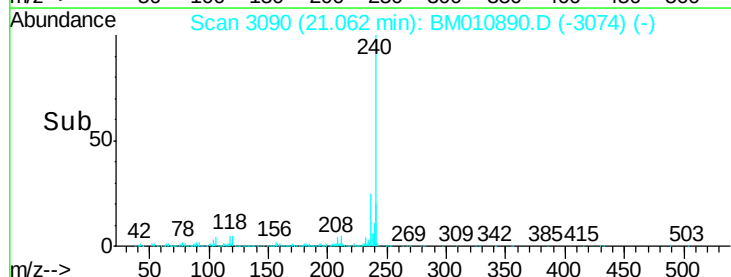
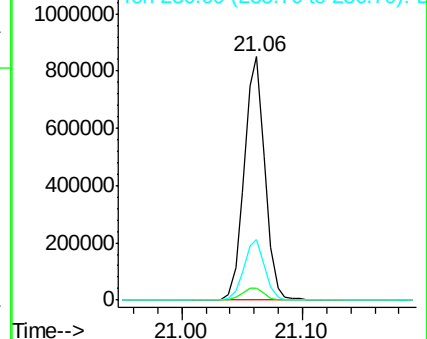
236 24.7 20.0 30.0

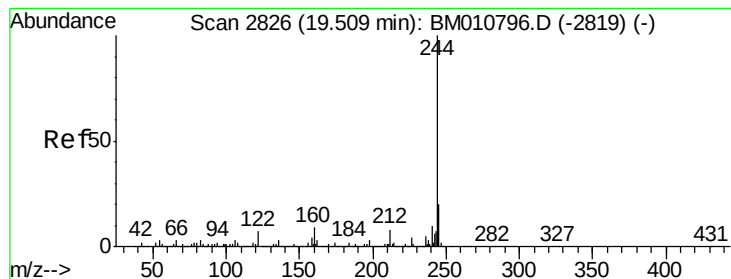


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.866 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010890.D

Acq: 19 Jul 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB100757BL

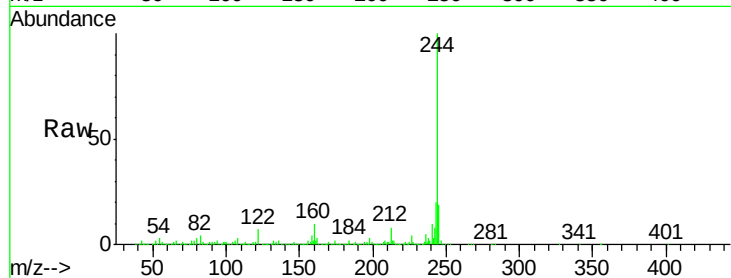
Tgt Ion:244 Resp: 4297379

Ion Ratio Lower Upper

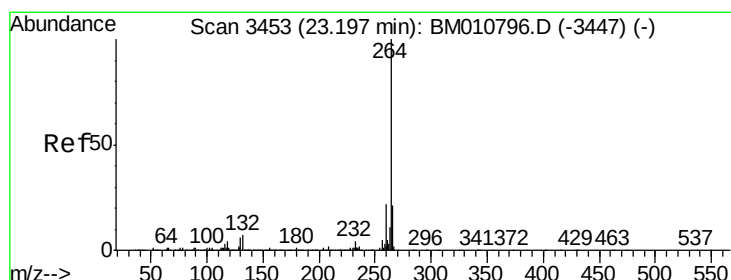
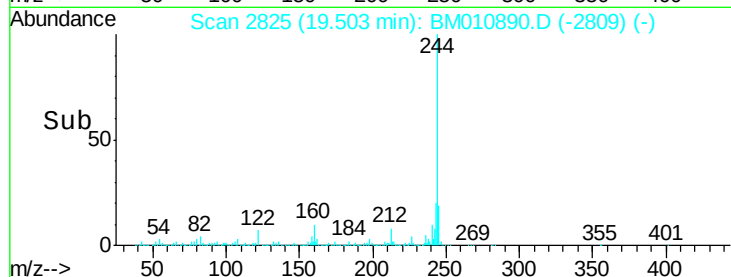
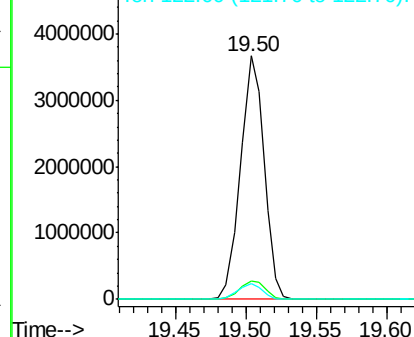
244 100

212 7.8 4.9 7.3#

122 6.6 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E
5000000
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: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010890.D

Acq: 19 Jul 2017 13:12

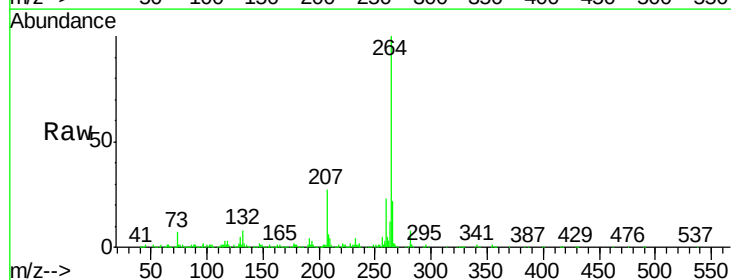
Tgt Ion:264 Resp: 909837

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.6 17.3 25.9



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

