

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071317\
 Data File : BM010831.D
 Acq On : 14 Jul 2017 02:22
 Operator : SJ/JU
 Sample : I4166-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1-2-3

Quant Time: Jul 14 04:18:45 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	7.45	152	184817	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	677195	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	356209	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1013721	20.00	ng	0.00
75) Chrysene-d12	21.06	240	880219	20.00	ng	0.00
86) Perylene-d12	23.19	264	207342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1414355	126.77	ng	0.00
7) Phenol-d6	6.64	99	1649830	107.26	ng	0.00
23) Nitrobenzene-d5	8.59	82	1612978	91.55	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	960548	176.46	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	3222154	112.53	ng	0.00
78) Terphenyl-d14	19.51	244	4911252	107.91	ng	0.00

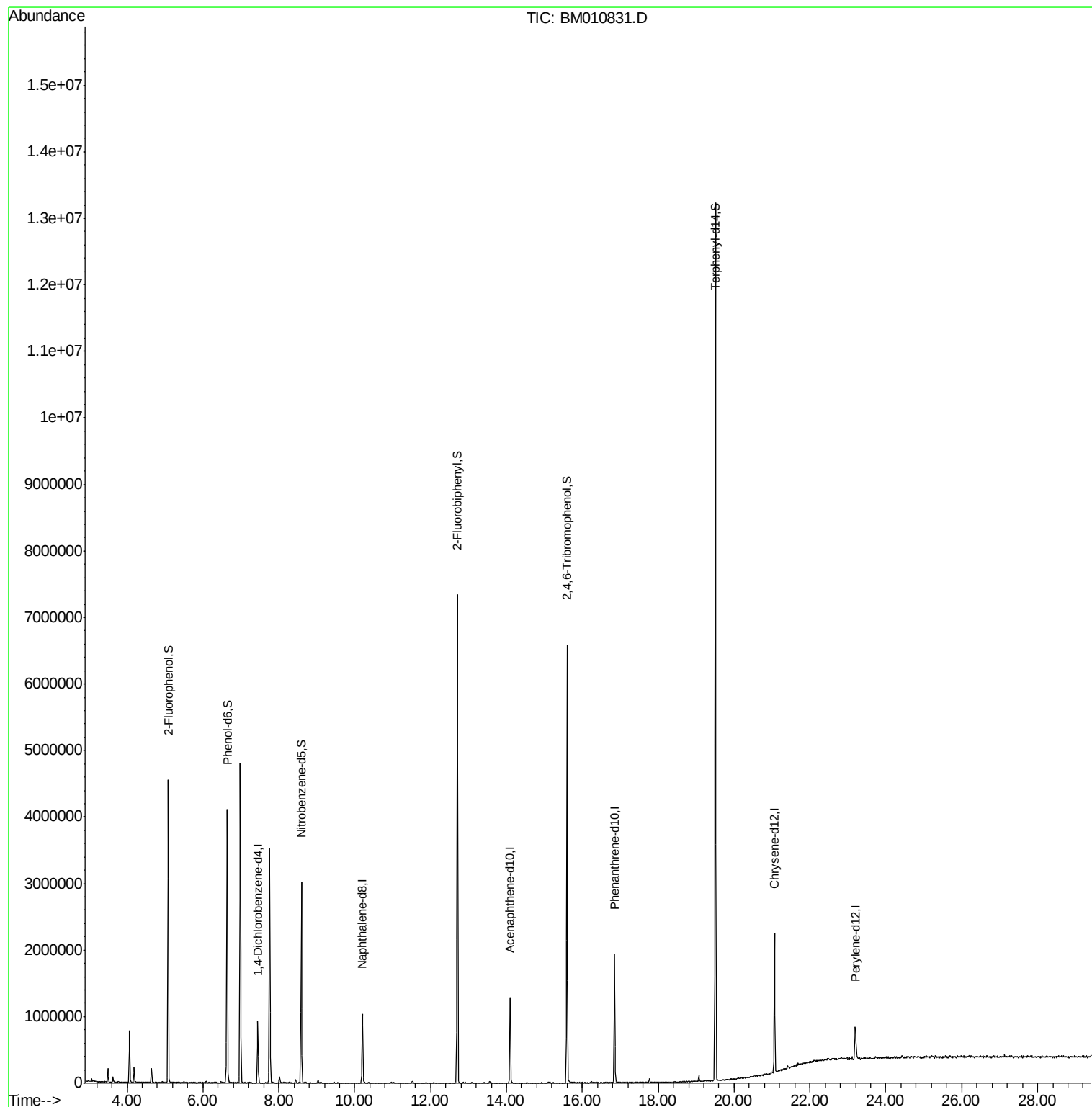
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 775

Delta R.T. -0.01 min

Lab File: BM010831.D

Acq: 14 Jul 2017 02:22

Instrument :

BNA_M

ClientSampleId :

COMP-1-2-3

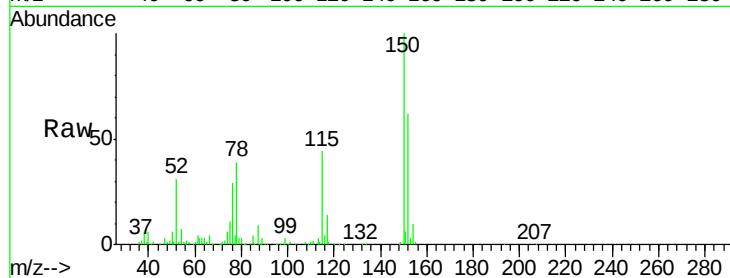
Tot Ion:152 Resp: 184817

Ion Ratio Lower Upper

152 100

150 160.3 119.5 179.3

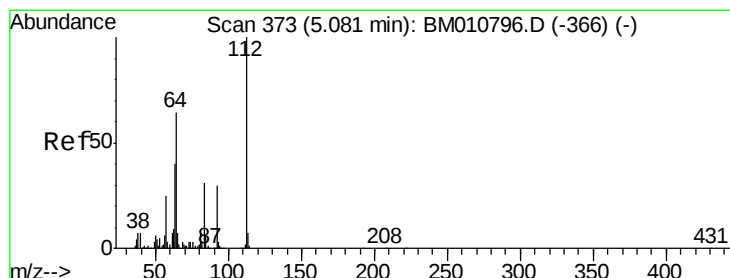
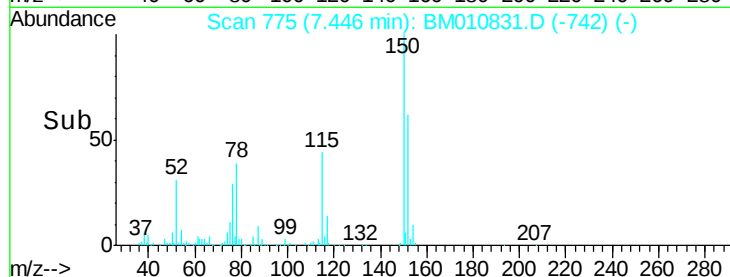
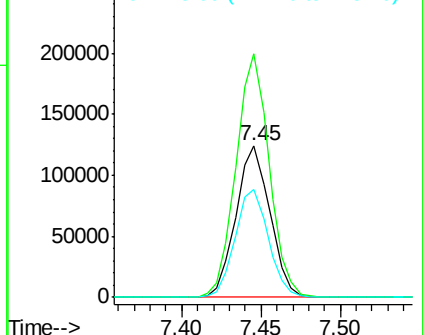
115 71.0 43.0 64.4#



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: 126.77 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010831.D

Acq: 14 Jul 2017 02:22

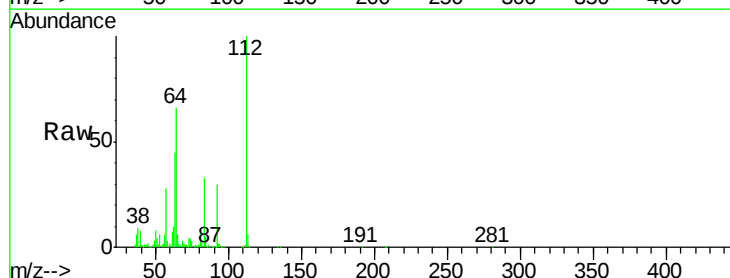
Tgt Ion:112 Resp: 1414355

Ion Ratio Lower Upper

112 100

64 66.3 38.6 57.8#

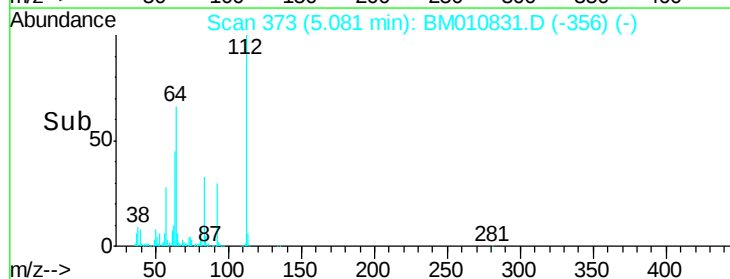
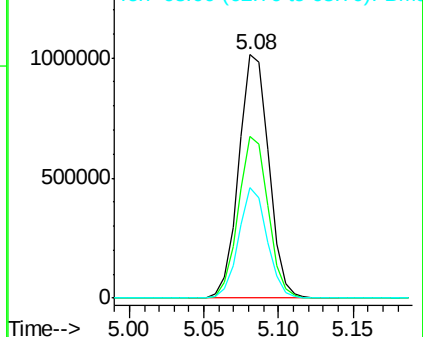
63 45.2 19.3 28.9#

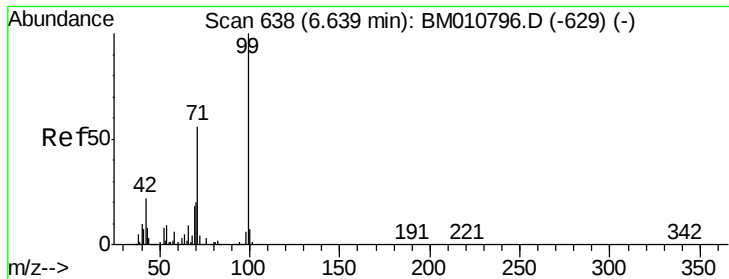


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 107.26 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010831.D

Acq: 14 Jul 2017 02:22

Instrument :

BNA_M

ClientSampleId :

COMP-1-2-3

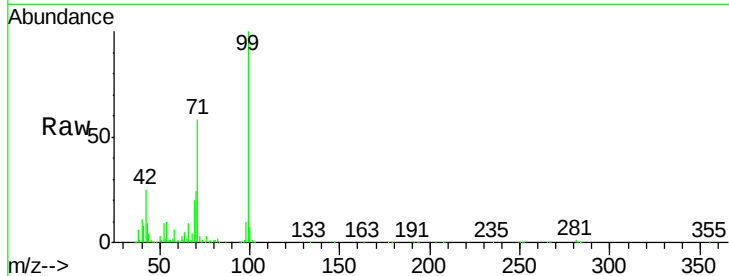
Tot Ion: 99 Resp: 1649830

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

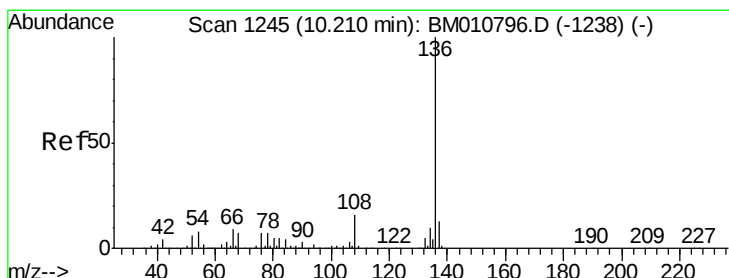
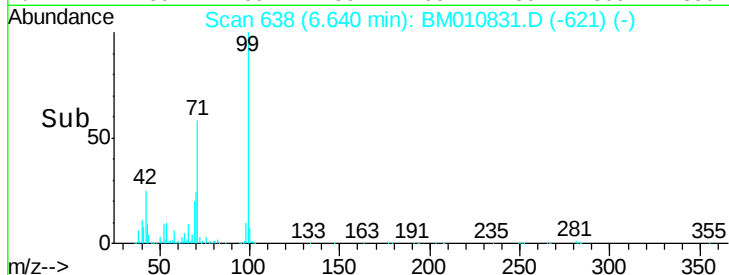
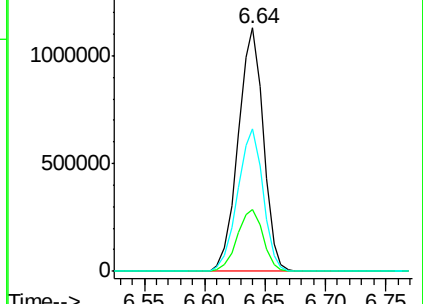
71 58.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010796.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010796.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010831.D

Acq: 14 Jul 2017 02:22

Tgt Ion: 136 Resp: 677195

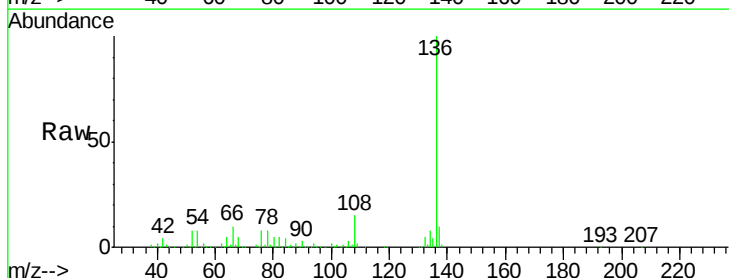
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 8.5 4.6 6.8#

68 5.1 3.7 5.5

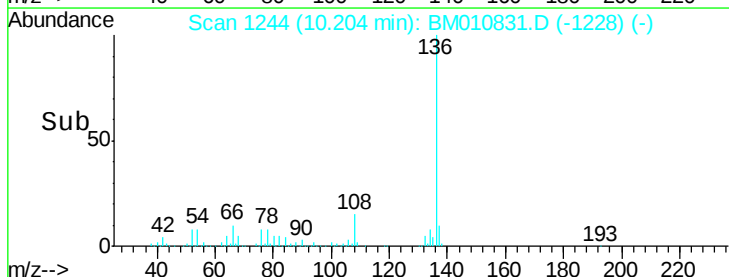
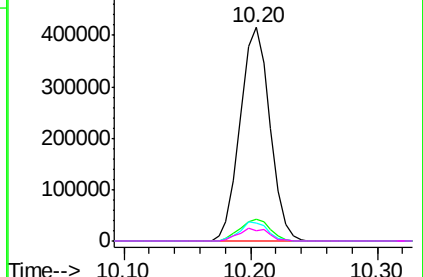


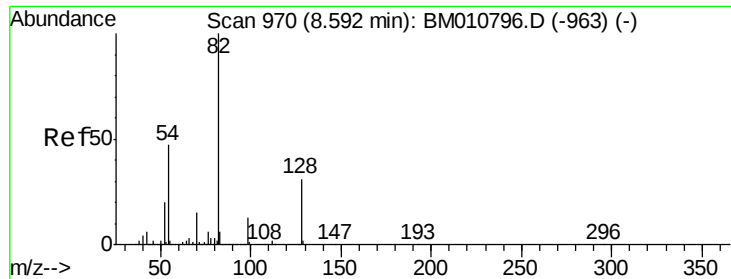
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM010796.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM010796.D (-1238) (-)

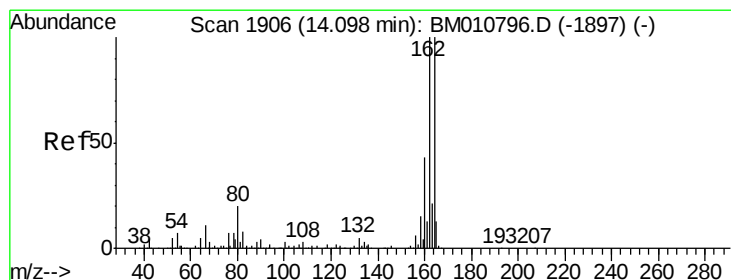
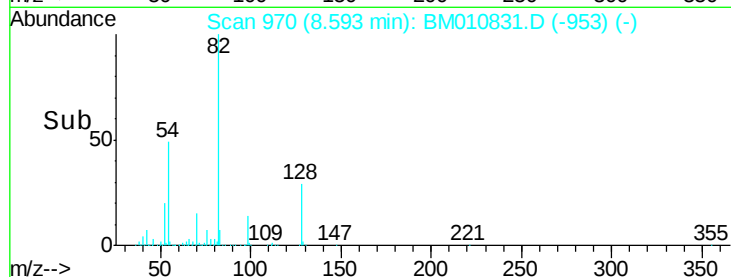
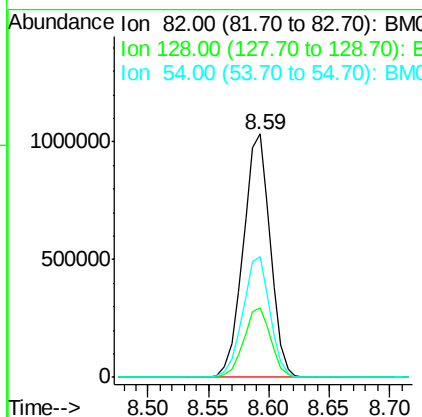
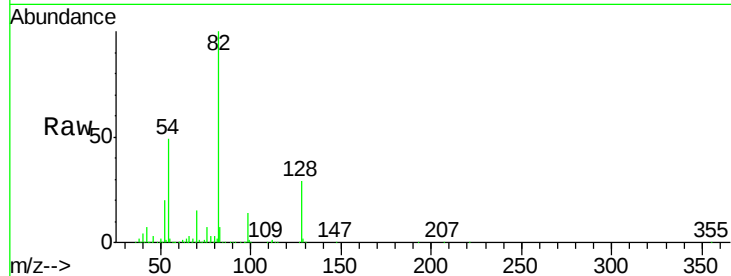




#23
 Nitrobenzene-d5
 Concen: 91.55 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010831.D
 Acq: 14 Jul 2017 02:22

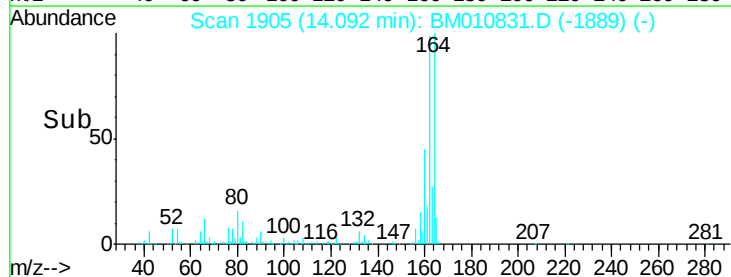
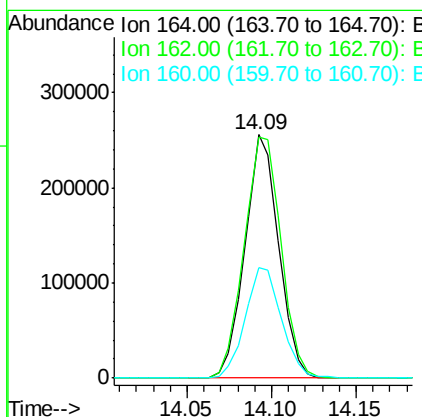
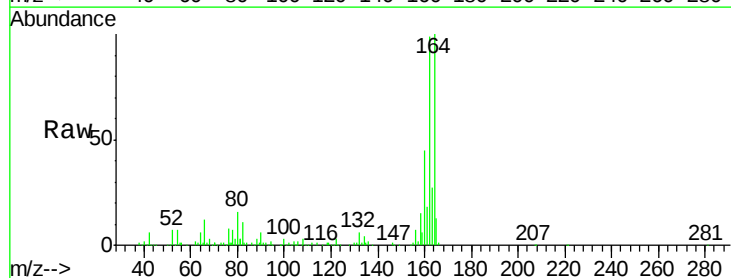
Instrument :
 BNA_M
 ClientSampleId :
 COMP-1-2-3

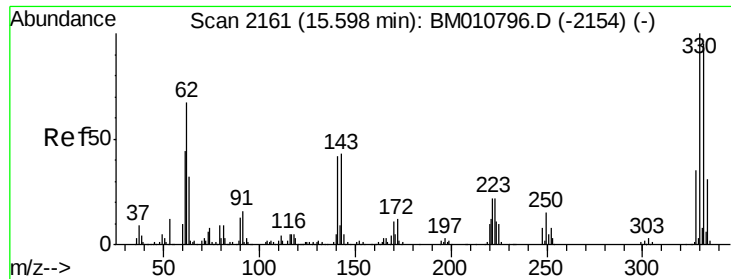
Tot Ion: 82 Resp: 1612978
 Ion Ratio Lower Upper
 82 100
 128 28.5 32.8 49.2#
 54 49.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010831.D
 Acq: 14 Jul 2017 02:22

Tgt Ion:164 Resp: 356209
 Ion Ratio Lower Upper
 164 100
 162 99.3 82.4 123.6
 160 45.1 35.8 53.6

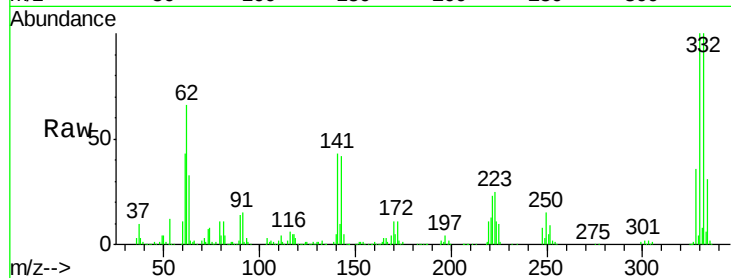




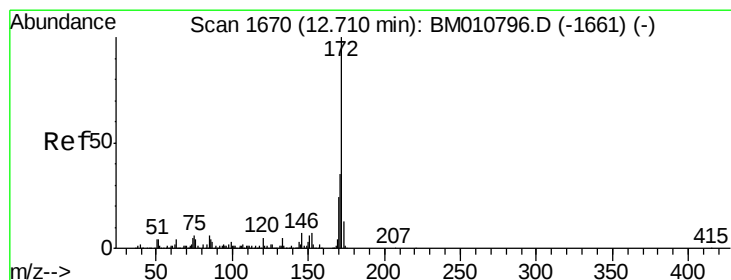
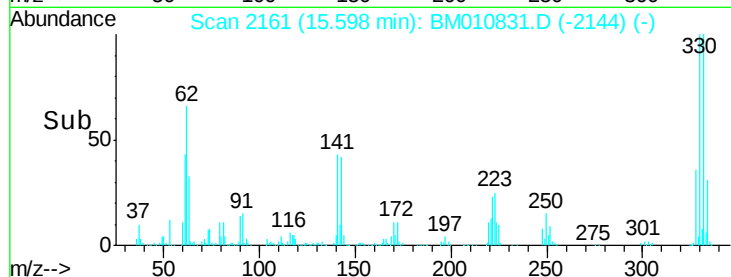
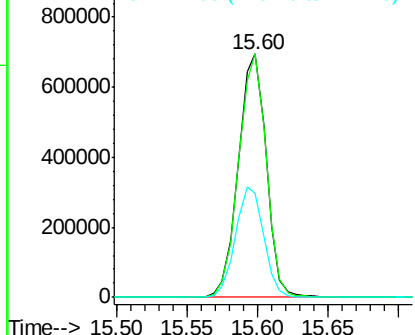
#41
 2,4,6-Tribromophenol
 Concen: 176.46 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010831.D
 Acq: 14 Jul 2017 02:22

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1-2-3

Tot Ion:330 Resp: 960548
 Ion Ratio Lower Upper
 330 100
 332 98.7 0.0 0.0#
 141 46.1 0.0 0.0#

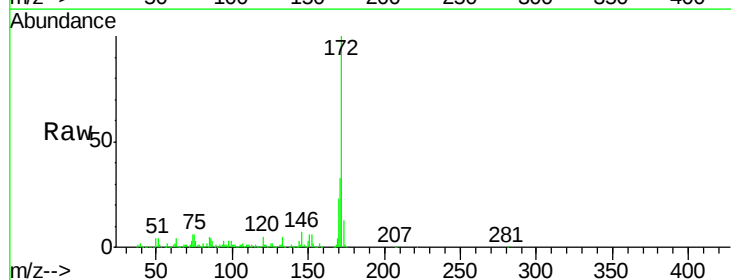


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

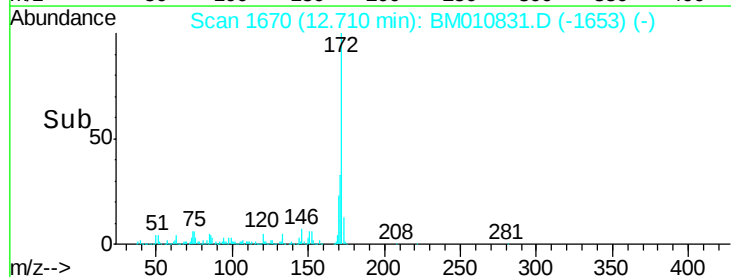
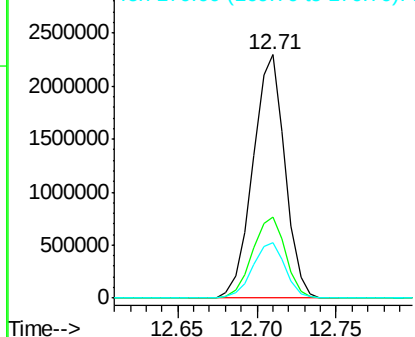


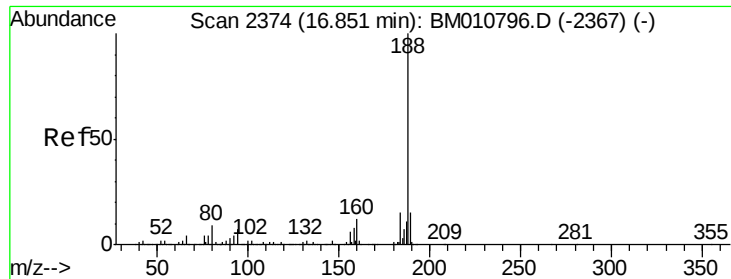
#44
 2-Fluorobiphenyl
 Concen: 112.53 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010831.D
 Acq: 14 Jul 2017 02:22

Tgt Ion:172 Resp: 3222154
 Ion Ratio Lower Upper
 172 100
 171 33.4 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

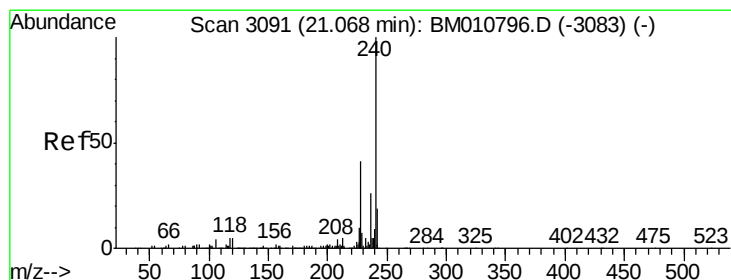
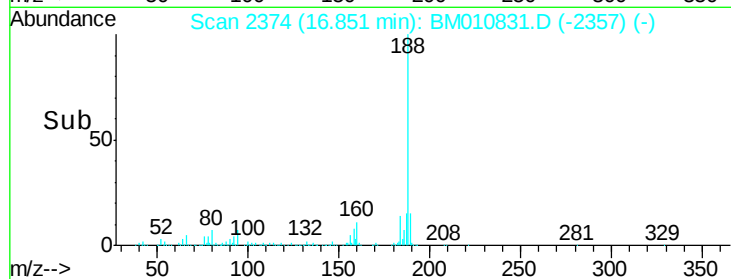
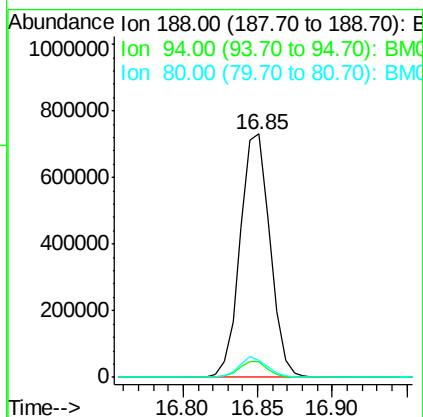
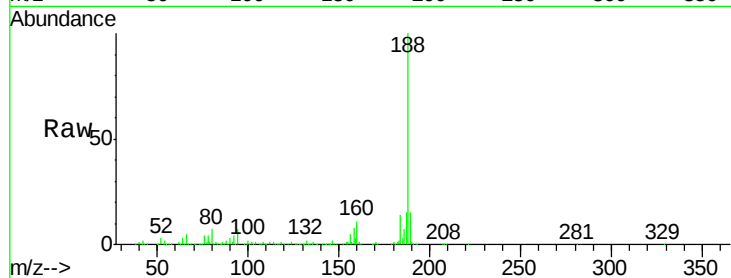




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010831.D
Acq: 14 Jul 2017 02:22

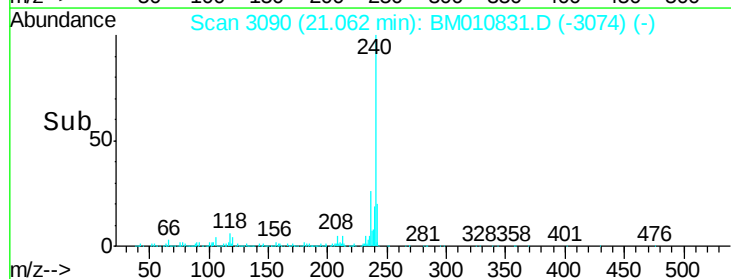
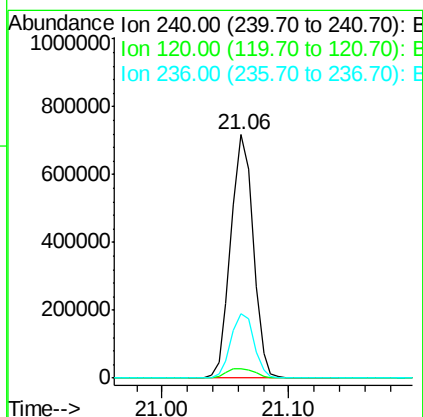
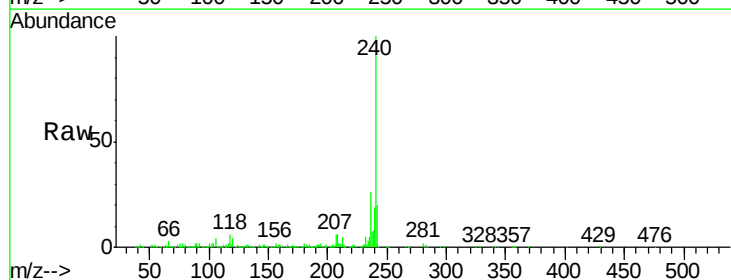
Instrument :
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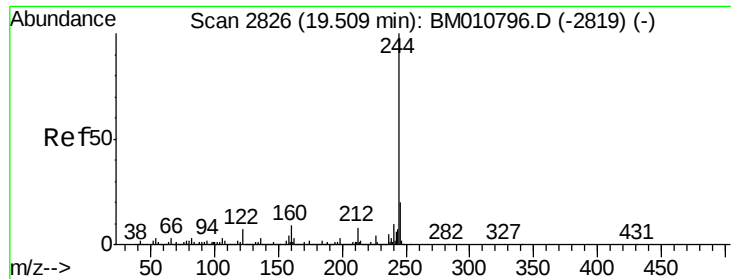
Tot Ion:188 Resp: 1013721
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 7.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010831.D
Acq: 14 Jul 2017 02:22

Tgt Ion:240 Resp: 880219
Ion Ratio Lower Upper
240 100
120 4.0 8.2 12.2#
236 26.4 20.0 30.0

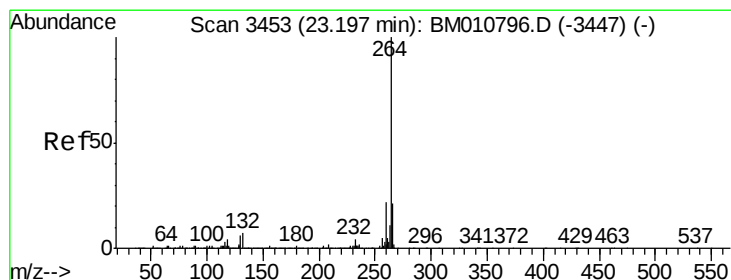
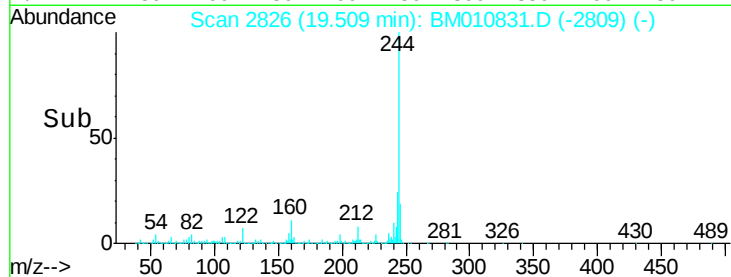
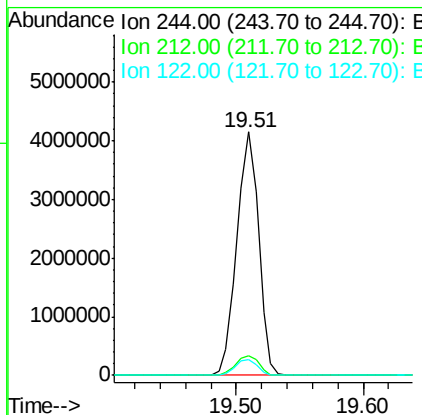
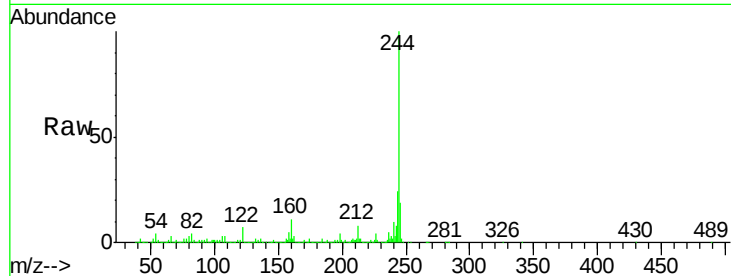




#78
 Terphenyl-d14
 Concen: 107.91 ng
 RT: 19.51 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BM010831.D
 Acq: 14 Jul 2017 02:22

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1-2-3

Tot Ion:244 Resp: 4911252
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.9 7.3#
 122 6.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.19 min Scan# 3452
 Delta R.T. -0.01 min
 Lab File: BM010831.D
 Acq: 14 Jul 2017 02:22

Tgt Ion:264 Resp: 207342
 Ion Ratio Lower Upper
 264 100
 260 32.3 18.6 27.8#
 265 23.6 17.3 25.9

