

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010874.D
 Acq On : 18 Jul 2017 14:56
 Operator : SJ/JU
 Sample : I4203-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-SB03A

Quant Time: Jul 18 15:49:56 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	214343	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	826839	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	546192	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1420319	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1735118	20.00	ng	0.00
86) Perylene-d12	23.19	264	1417183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1710864	132.22	ng	0.00
7) Phenol-d6	6.64	99	2113590	118.49	ng	0.00
23) Nitrobenzene-d5	8.59	82	1964511	91.33	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1306212	156.49	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3896878	88.76	ng	0.00
78) Terphenyl-d14	19.51	244	7269605	81.03	ng	0.00

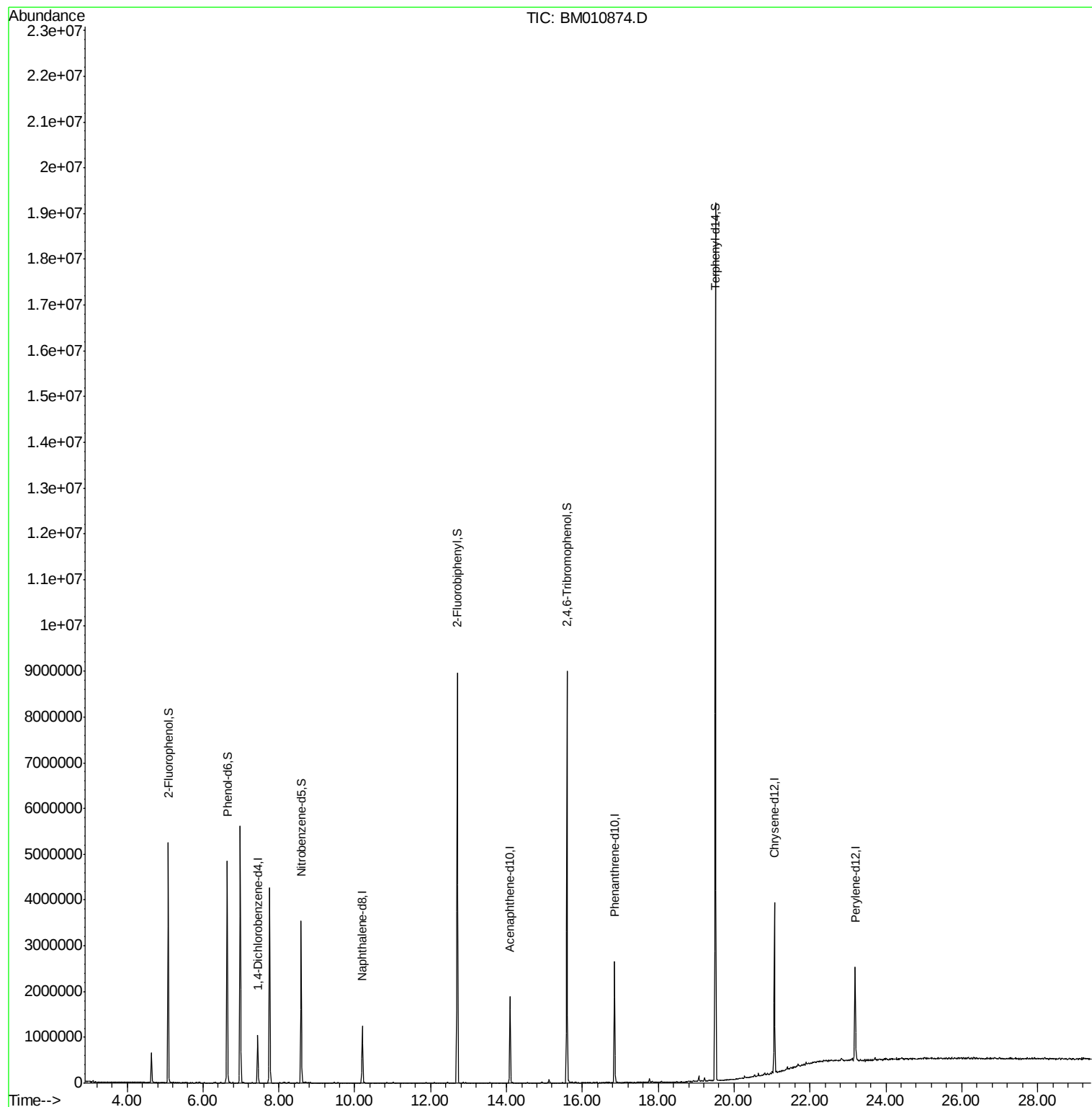
Target Compounds Qvalue

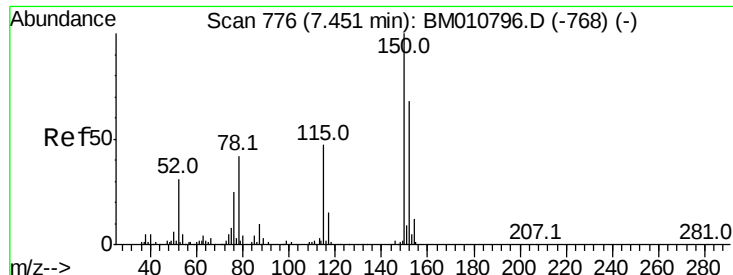
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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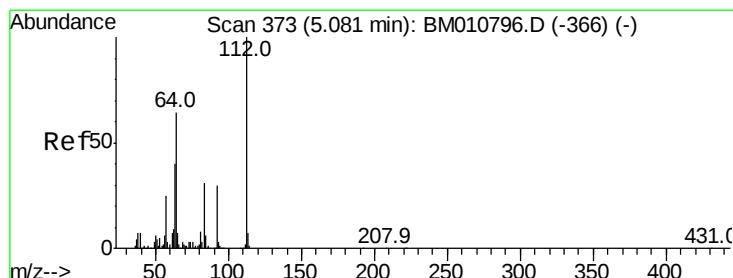
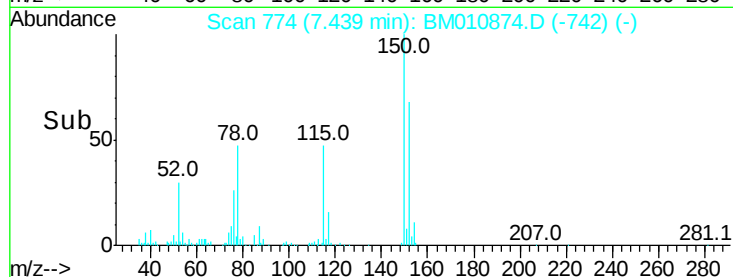
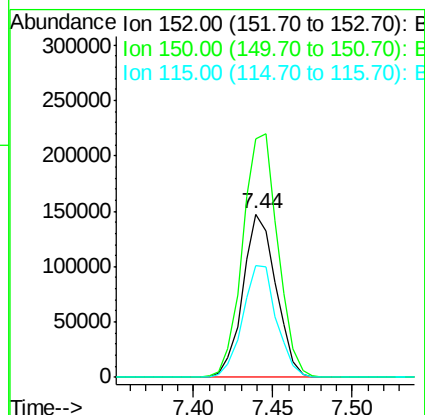
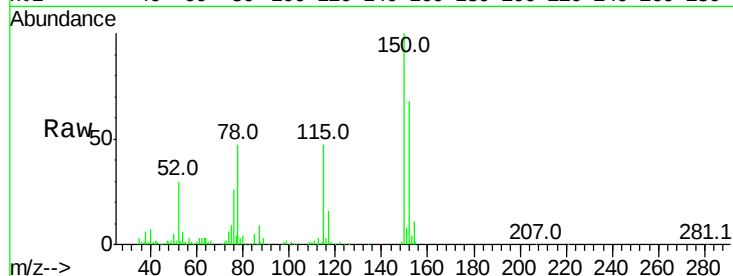


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010874.D
Acq: 18 Jul 2017 14:56

Instrument :
BNA_M
ClientSampleId :
NB-SB03A

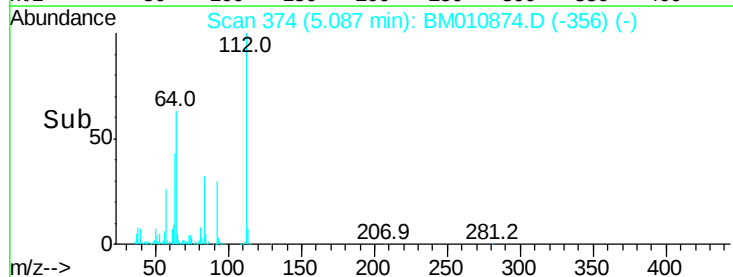
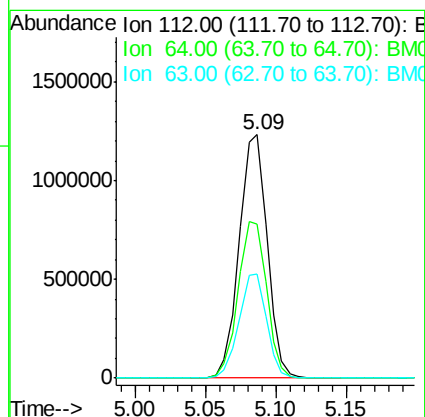
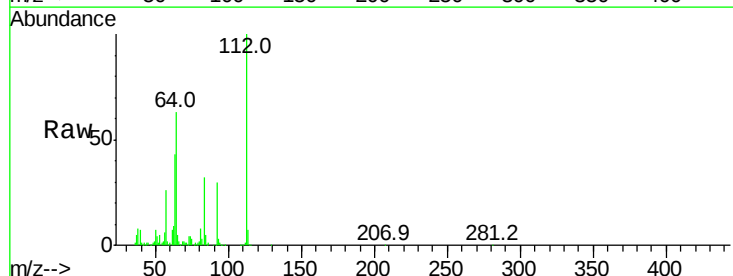
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.4	119.5	179.3
115	68.8	43.0	64.4

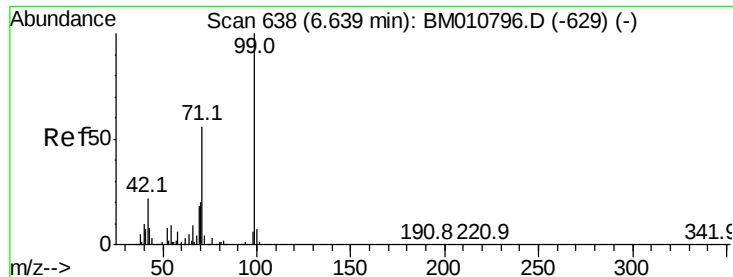


#5

2-Fluorophenol
Concen: 132.219 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010874.D
Acq: 18 Jul 2017 14:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	38.6	57.8
63	42.6	19.3	28.9





#7

Phenol-d6

Concen: 118.486 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010874.D

Acq: 18 Jul 2017 14:56

Instrument :

BNA_M

ClientSampleId :

NB-SB03A

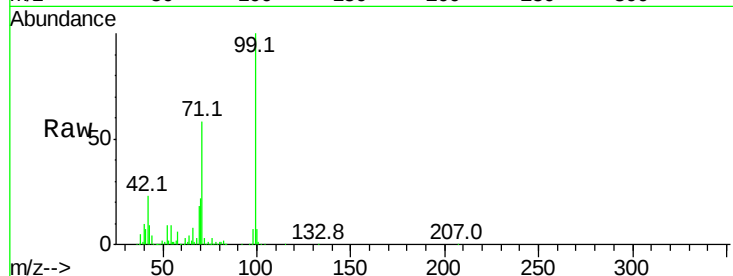
Tot Ion: 99 Resp: 2113590

Ion Ratio Lower Upper

99 100

42 22.8 11.0 16.4#

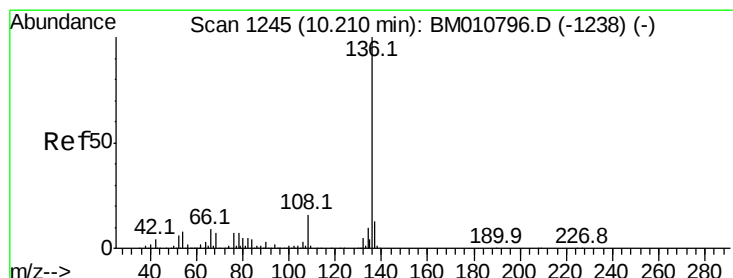
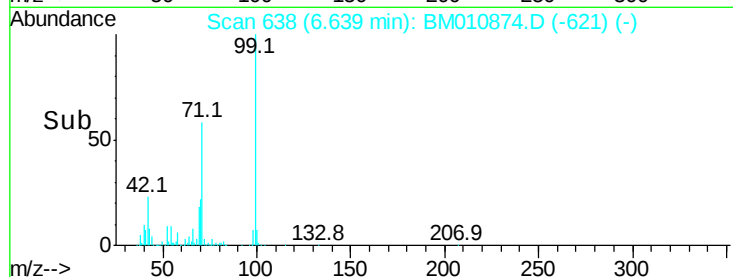
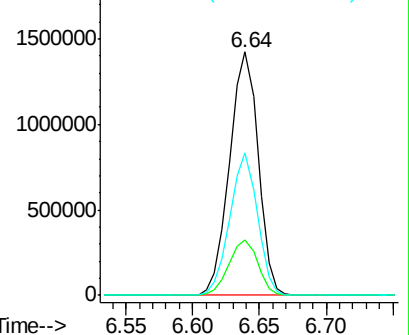
71 58.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010874.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010874.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010874.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010874.D

Acq: 18 Jul 2017 14:56

Tgt Ion:136 Resp: 826839

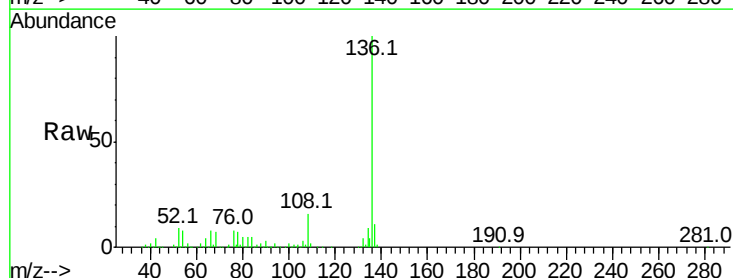
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.0 4.6 6.8#

68 6.5 3.7 5.5#

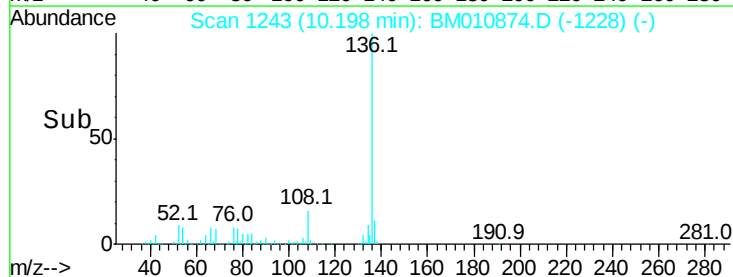
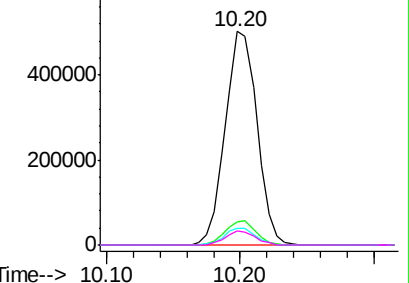


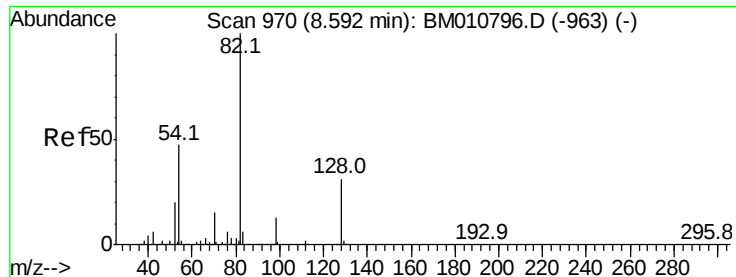
Abundance Ion 136.00 (135.70 to 136.70): BM010874.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM010874.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM010874.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM010874.D (-1228) (-)





#23

Nitrobenzene-d5

Concen: 91.325 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010874.D

Acq: 18 Jul 2017 14:56

Instrument :

BNA_M

ClientSampleId :

NB-SB03A

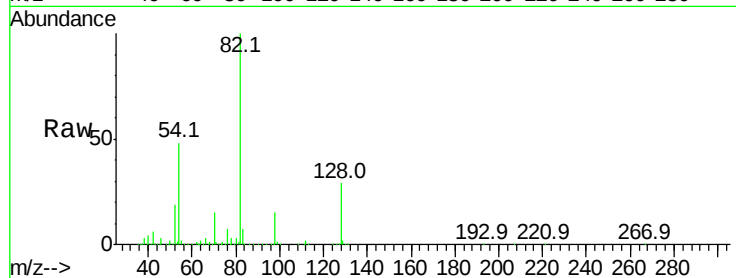
Tot Ion: 82 Resp: 1964511

Ion Ratio Lower Upper

82 100

128 28.9 32.8 49.2#

54 48.2 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-963) (-)

Ion 128.00 (127.70 to 128.70): BM010796.D (-963) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-963) (-)

8.59

1500000

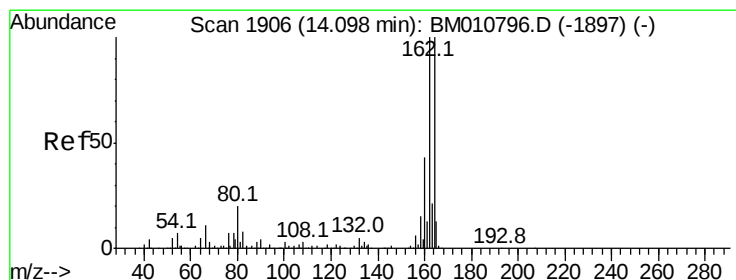
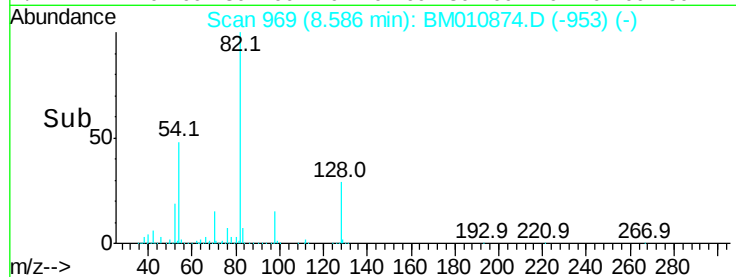
1000000

500000

0

Time-->

8.50 8.55 8.60 8.65



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010874.D

Acq: 18 Jul 2017 14:56

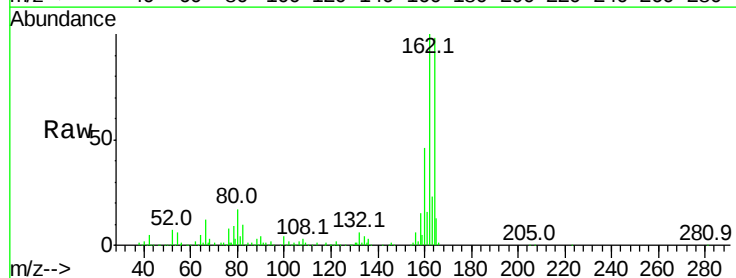
Tgt Ion: 164 Resp: 546192

Ion Ratio Lower Upper

164 100

162 101.8 82.4 123.6

160 46.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

Ion 162.00 (161.70 to 162.70): BM010796.D (-1897) (-)

Ion 160.00 (159.70 to 160.70): BM010796.D (-1897) (-)

14.09

500000

400000

300000

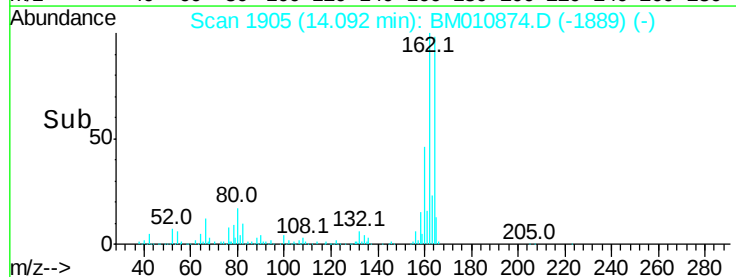
200000

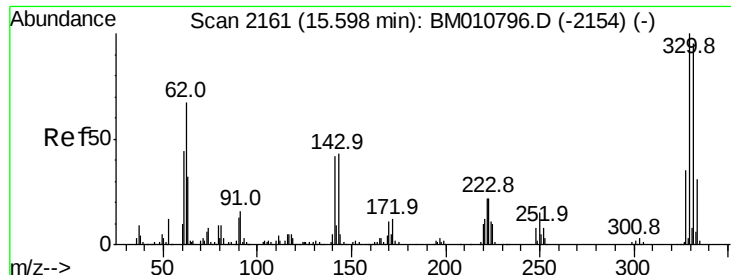
100000

0

Time-->

14.00 14.05 14.10 14.15

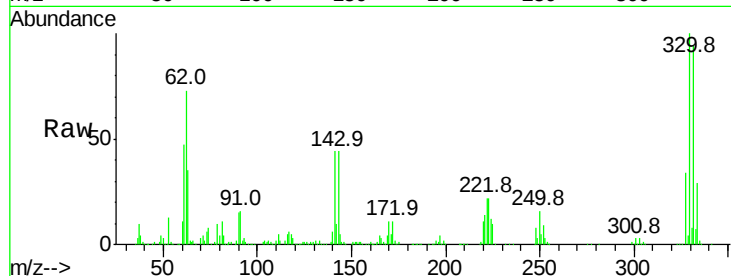




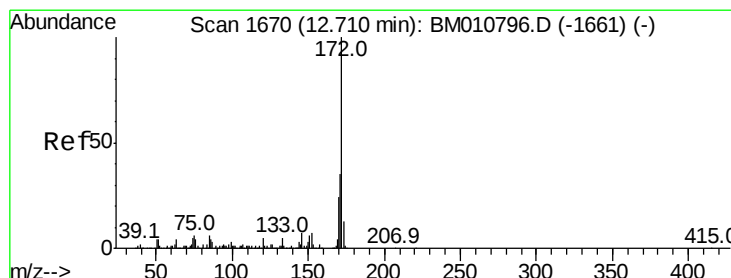
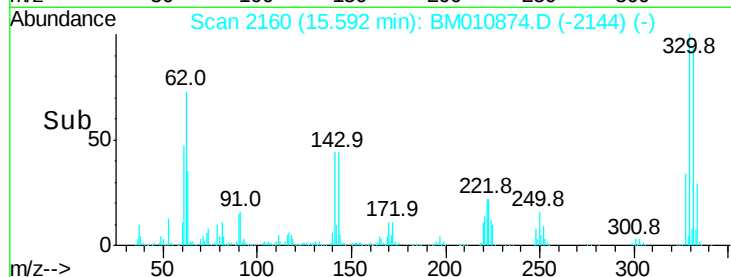
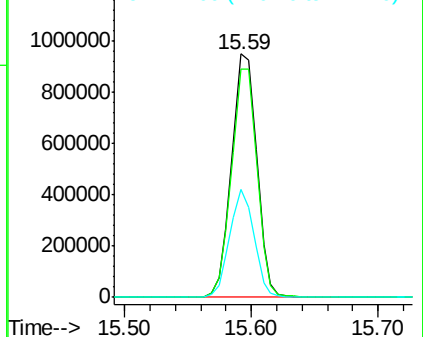
#41
 2,4,6-Tribromophenol
 Concen: 156.492 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010874.D
 Acq: 18 Jul 2017 14:56

Instrument :
 BNA_M
 ClientSampleId :
 NB-SB03A

Tot Ion:330 Resp: 1306212
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 42.6 0.0 0.0#

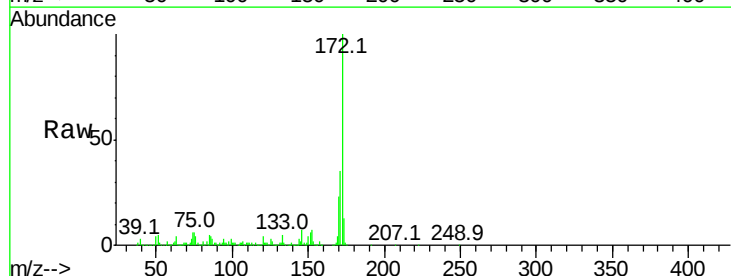


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

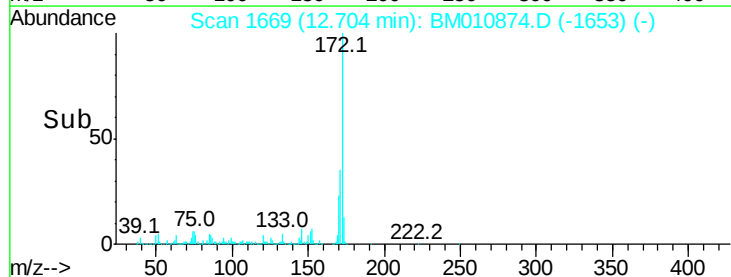
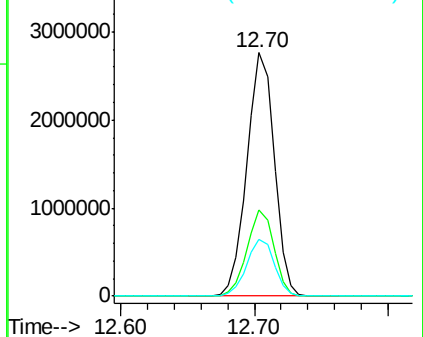


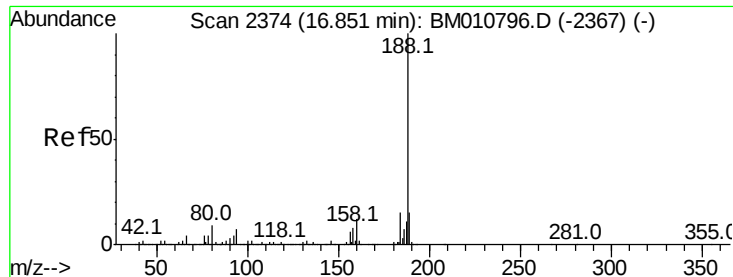
#44
 2-Fluorobiphenyl
 Concen: 88.757 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010874.D
 Acq: 18 Jul 2017 14:56

Tgt Ion:172 Resp: 3896878
 Ion Ratio Lower Upper
 172 100
 171 35.3 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

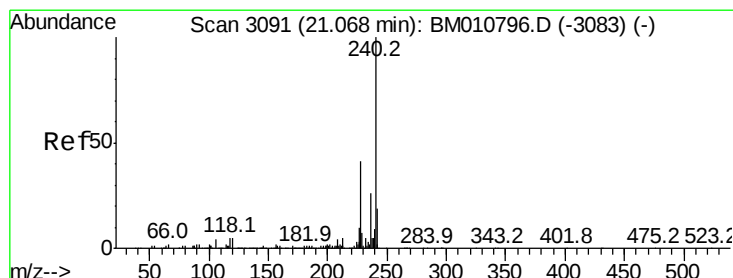
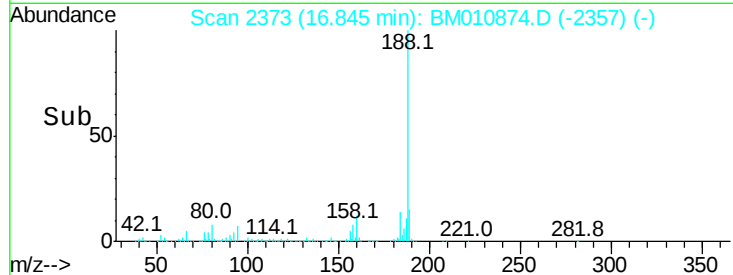
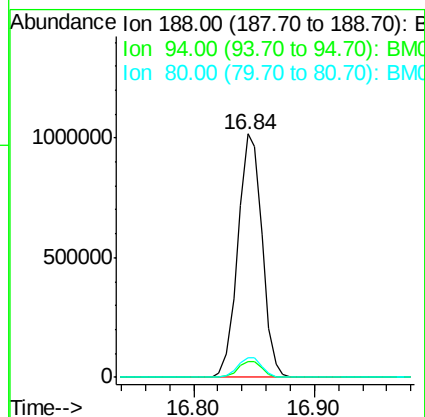
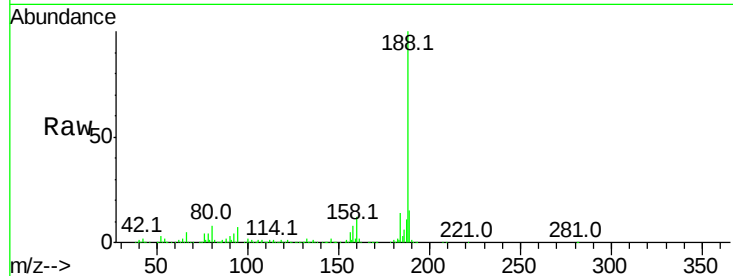




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010874.D
Acq: 18 Jul 2017 14:56

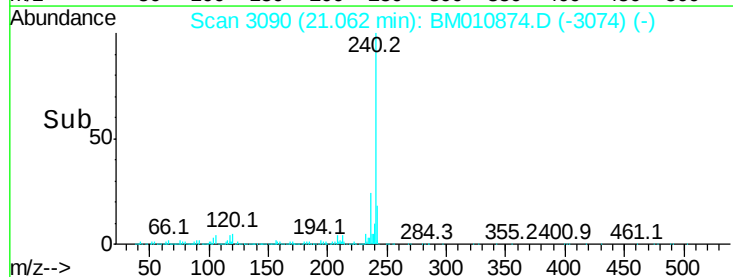
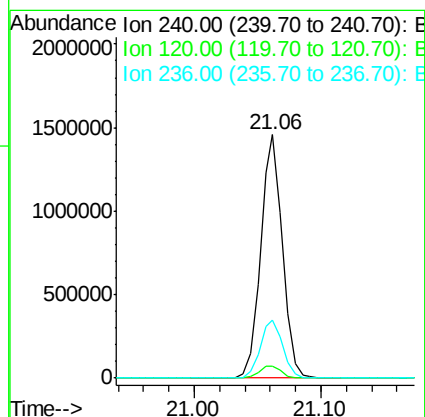
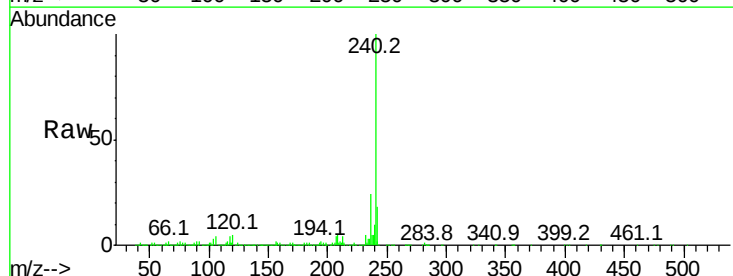
Instrument :
BNA_M
ClientSampled :
NB-SB03A

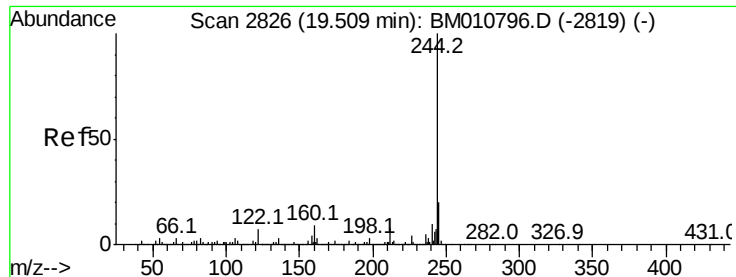
Tot Ion:188 Resp: 1420319
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 8.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010874.D
Acq: 18 Jul 2017 14:56

Tgt Ion:240 Resp: 1735118
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 24.1 20.0 30.0

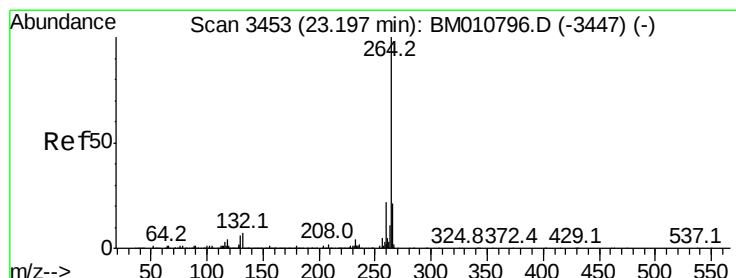
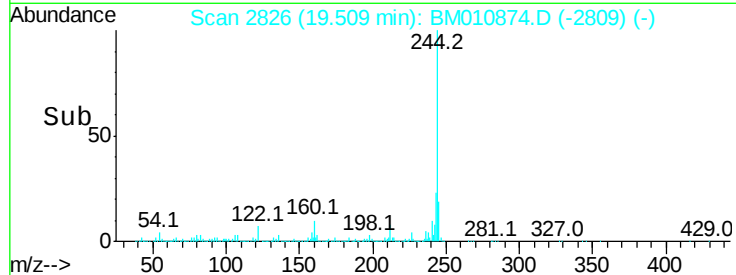
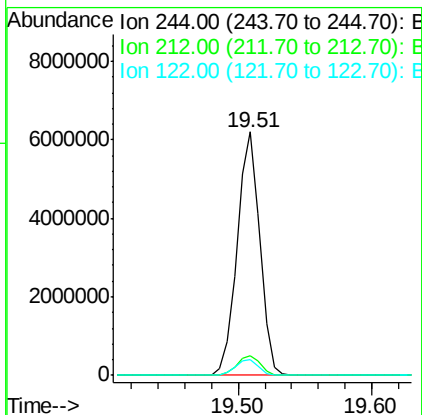
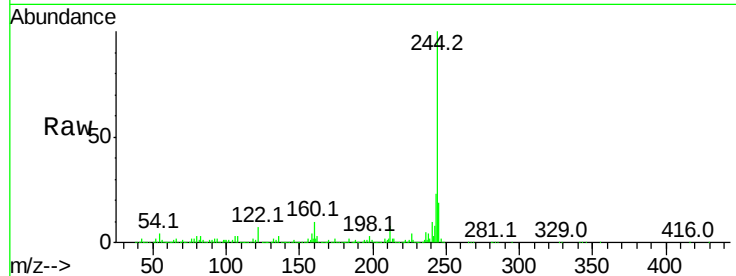




#78
 Terphenyl-d14
 Concen: 81.033 ng
 RT: 19.51 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BM010874.D
 Acq: 18 Jul 2017 14:56

Instrument :
 BNA_M
 ClientSampleId :
 NB-SB03A

Tot Ion:244 Resp: 7269605
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.9 7.3#
 122 6.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.19 min Scan# 3452
 Delta R.T. -0.01 min
 Lab File: BM010874.D
 Acq: 18 Jul 2017 14:56

Tgt Ion:264 Resp: 1417183
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 22.1 17.3 25.9

