

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071817\
 Data File : BM010887.D
 Acq On : 19 Jul 2017 01:06
 Operator : SJ/JU
 Sample : I4199-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3577-FB

Quant Time: Jul 19 03:55:12 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	243270	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	979184	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	642430	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1498241	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1543758	20.00	ng	0.00
86) Perylene-d12	23.19	264	1372507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	800627	54.52	ng	0.00
7) Phenol-d6	6.63	99	662765	32.74	ng	0.00
23) Nitrobenzene-d5	8.59	82	2224108	87.31	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1343902	136.89	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4690021	90.82	ng	0.00
78) Terphenyl-d14	19.51	244	6984994	87.51	ng	0.00

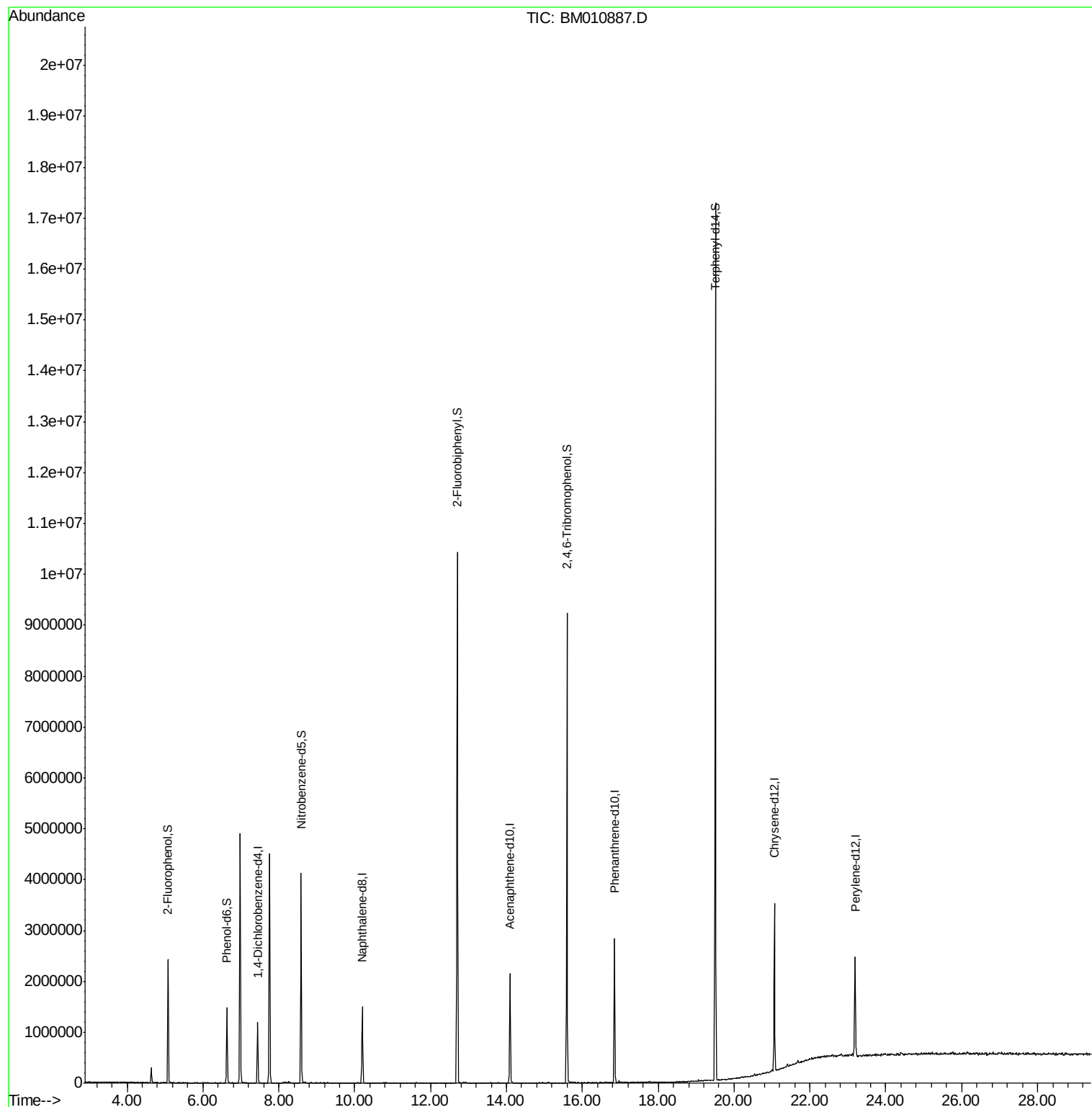
Target Compounds Qvalue

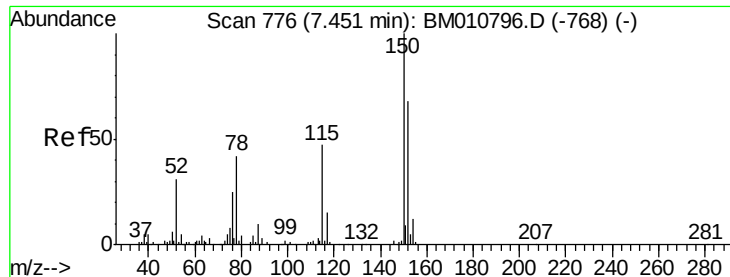
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 774

Delta R.T. -0.01 min

Lab File: BM010887.D

Acq: 19 Jul 2017 01:06

Instrument :

BNA_M

ClientSampleId :

3577-FB

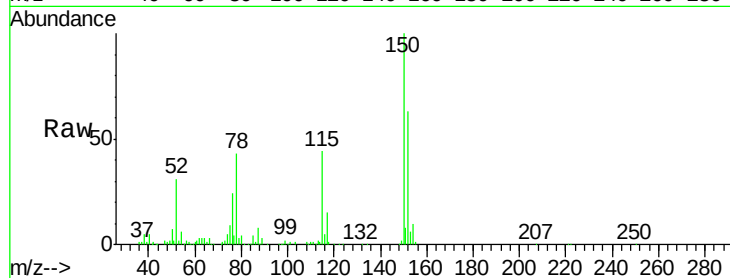
Tot Ion:152 Resp: 243270

Ion Ratio Lower Upper

152 100

150 159.5 119.5 179.3

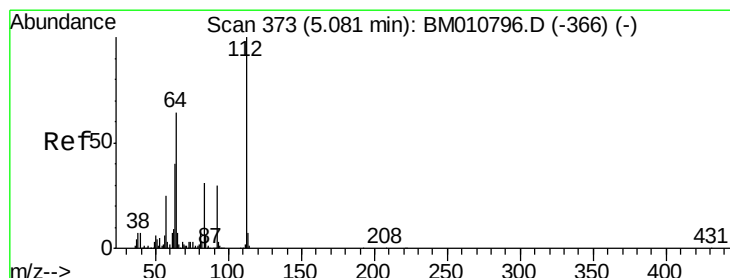
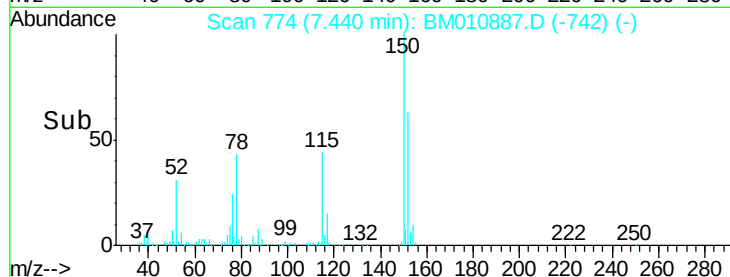
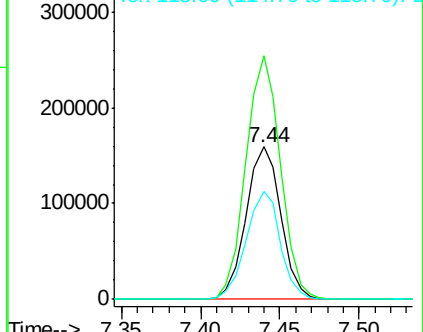
115 70.9 43.0 64.4#



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: 54.52 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010887.D

Acq: 19 Jul 2017 01:06

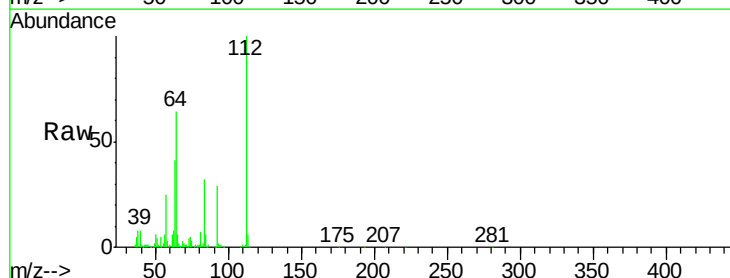
Tgt Ion:112 Resp: 800627

Ion Ratio Lower Upper

112 100

64 64.1 38.6 57.8#

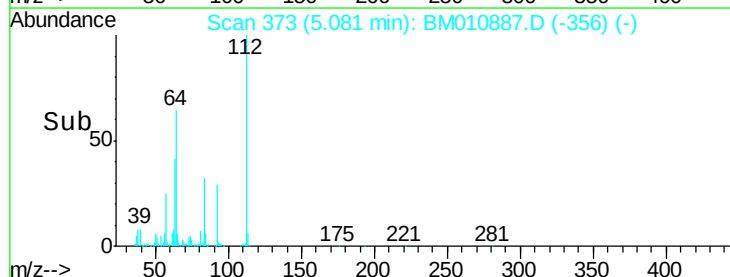
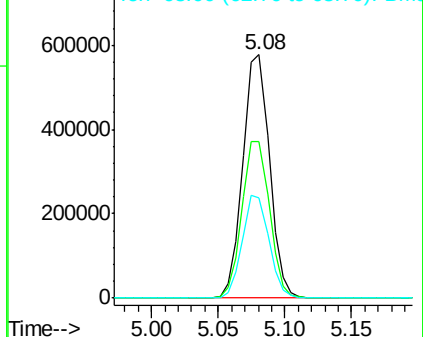
63 41.2 19.3 28.9#

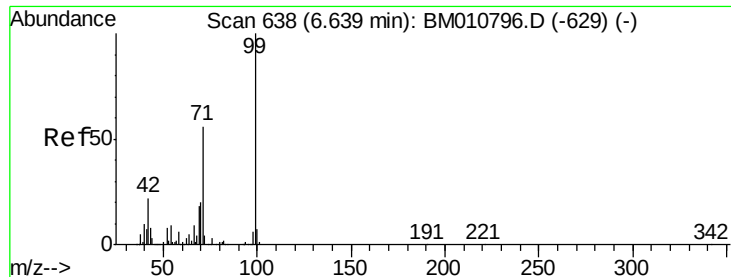


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 32.74 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010887.D

Acq: 19 Jul 2017 01:06

Instrument :

BNA_M

ClientSampleId :

3577-FB

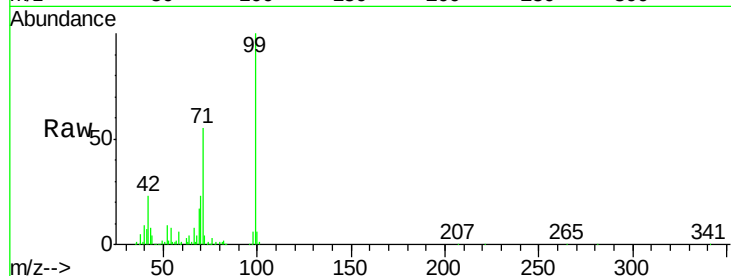
Tot Ion: 99 Resp: 662765

Ion Ratio Lower Upper

99 100

42 22.9 11.0 16.4#

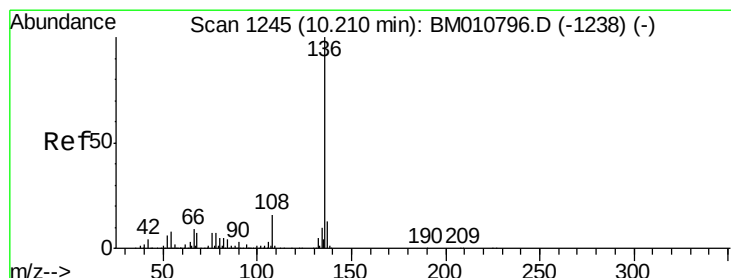
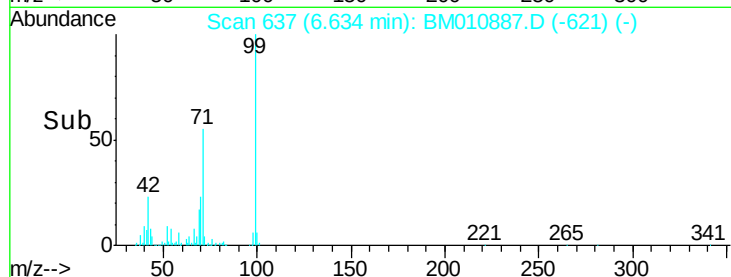
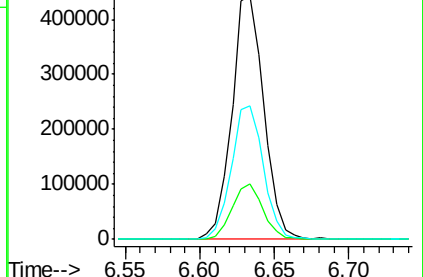
71 54.7 23.4 35.2#



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# 1243

Delta R.T. -0.01 min

Lab File: BM010887.D

Acq: 19 Jul 2017 01:06

Tgt Ion: 136 Resp: 979184

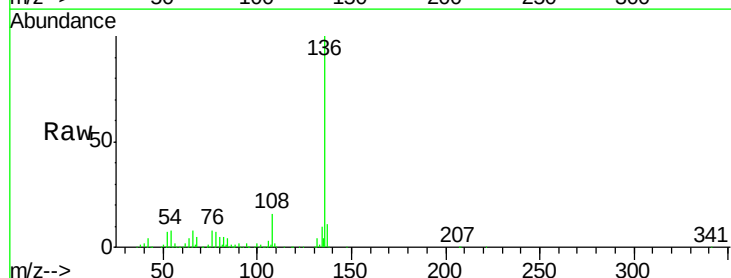
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.0 4.6 6.8#

68 4.9 3.7 5.5

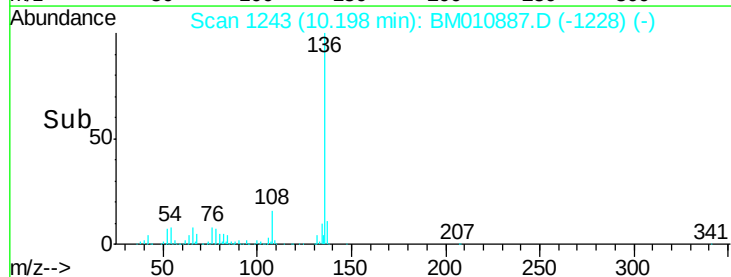
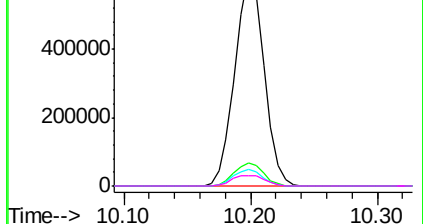


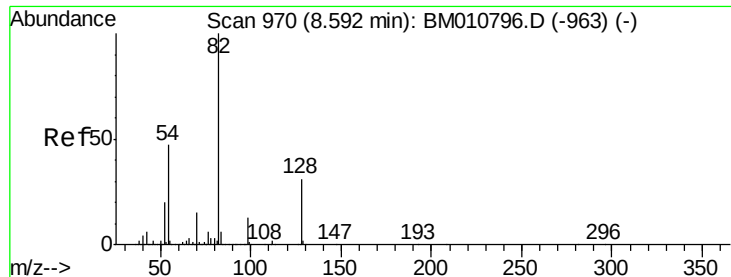
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)

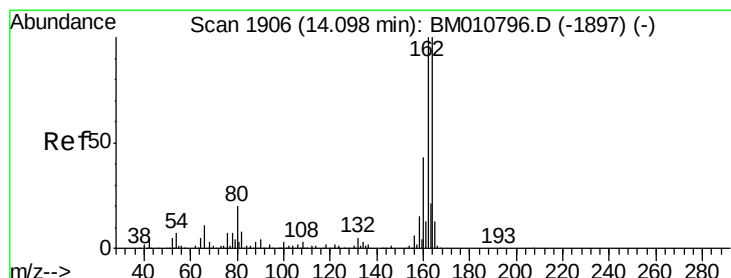
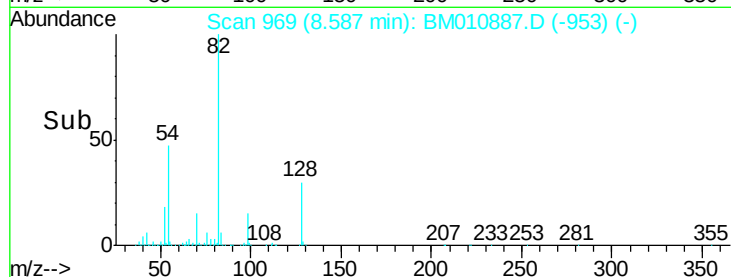
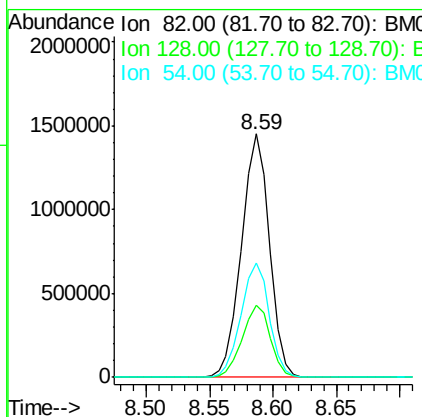
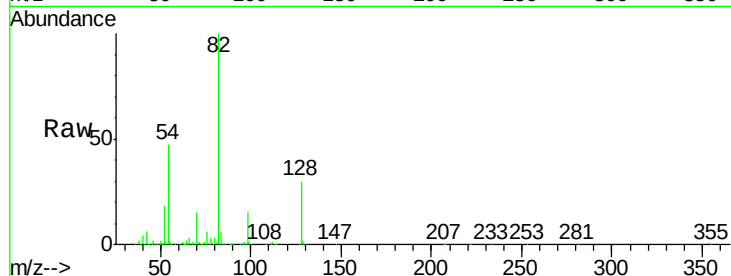




#23
 Nitrobenzene-d5
 Concen: 87.31 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010887.D
 Acq: 19 Jul 2017 01:06

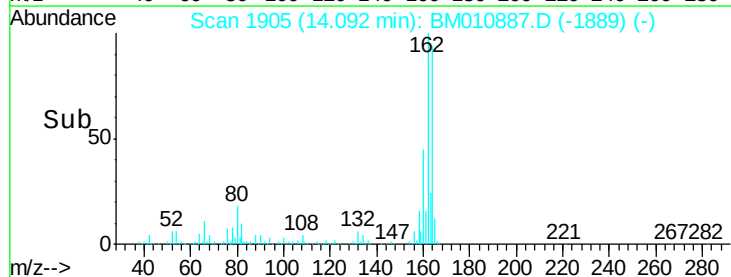
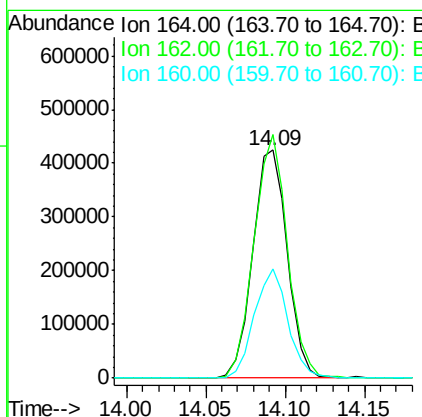
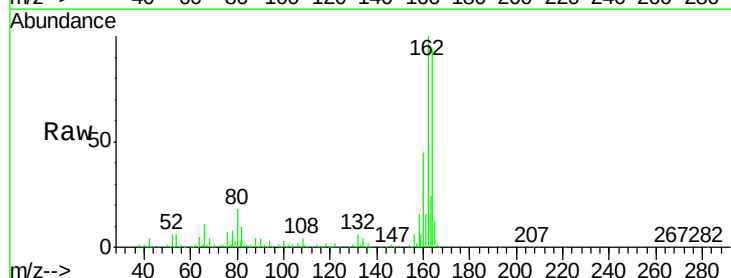
Instrument :
 BNA_M
 ClientSampleId :
 3577-FB

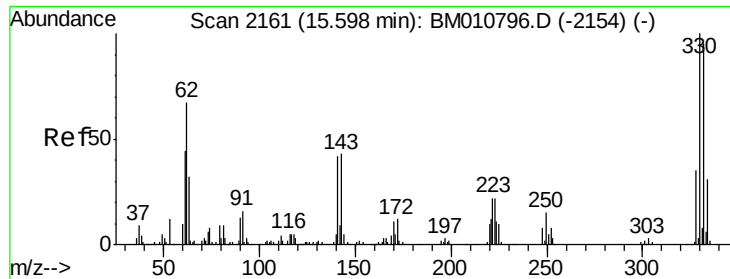
Tot Ion: 82 Resp: 2224108
 Ion Ratio Lower Upper
 82 100
 128 29.7 32.8 49.2#
 54 47.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010887.D
 Acq: 19 Jul 2017 01:06

Tgt Ion: 164 Resp: 642430
 Ion Ratio Lower Upper
 164 100
 162 106.8 82.4 123.6
 160 48.0 35.8 53.6

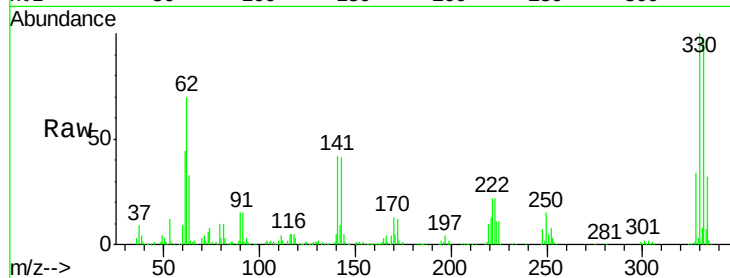




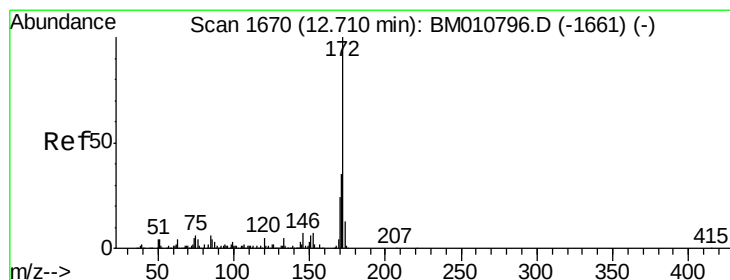
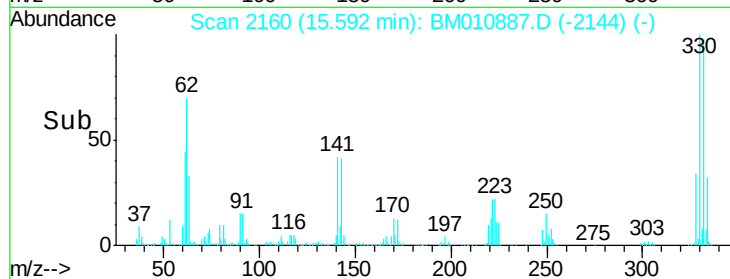
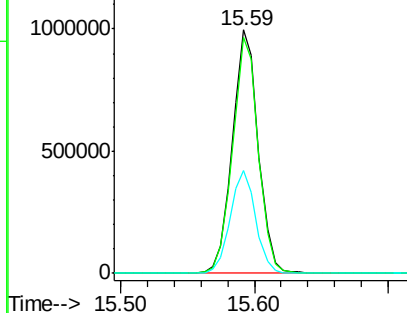
#41
 2,4,6-Tribromophenol
 Concen: 136.89 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010887.D
 Acq: 19 Jul 2017 01:06

Instrument :
 BNA_M
 ClientSampleId :
 3577-FB

Tot Ion:330 Resp: 1343902
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 42.0 0.0 0.0#

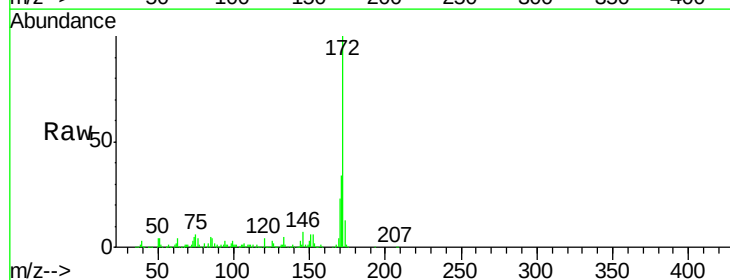


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

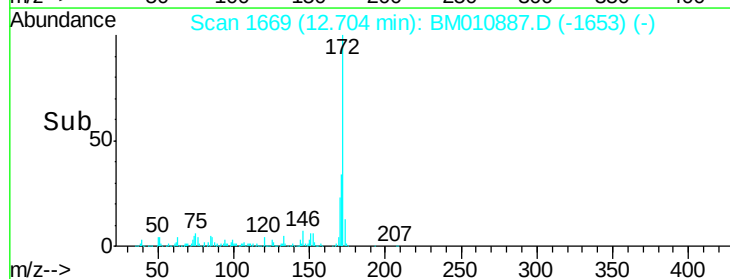
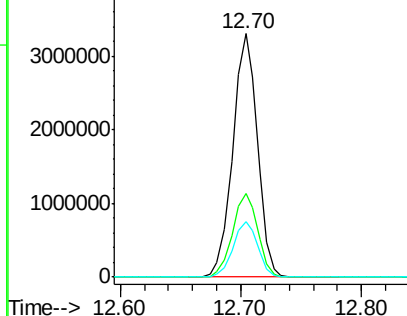


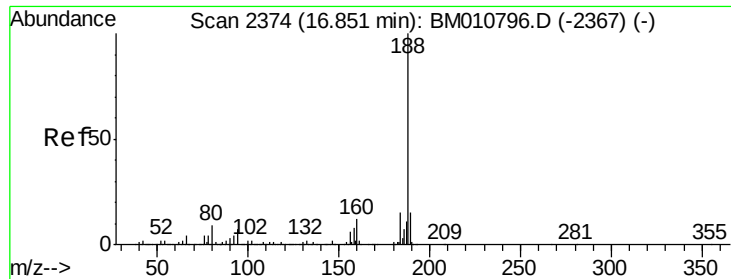
#44
 2-Fluorobiphenyl
 Concen: 90.82 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010887.D
 Acq: 19 Jul 2017 01:06

Tgt Ion:172 Resp: 4690021
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 22.9 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

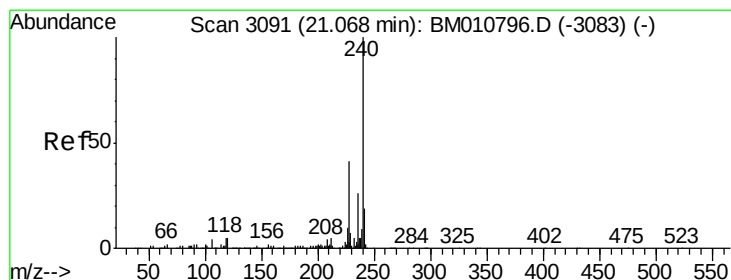
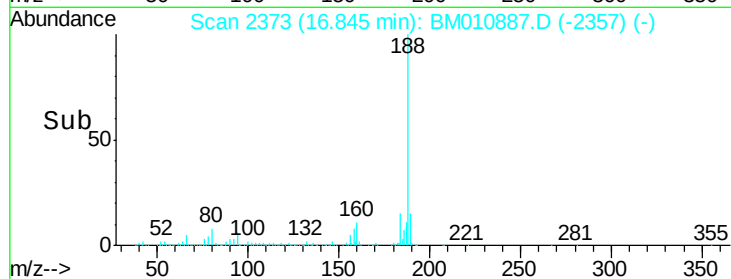
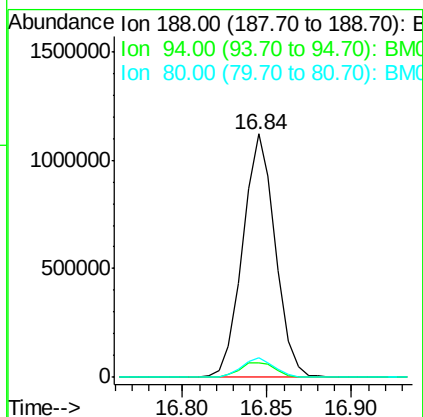
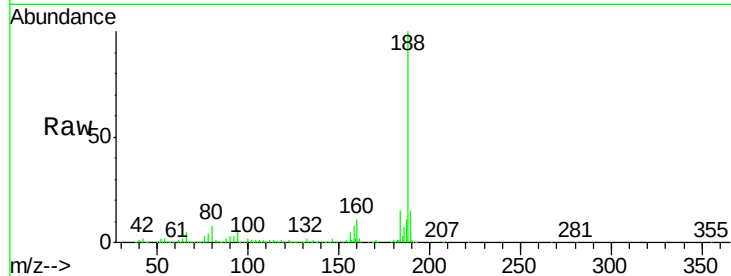




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010887.D
Acq: 19 Jul 2017 01:06

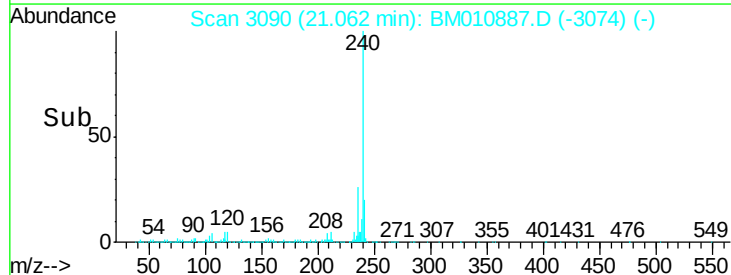
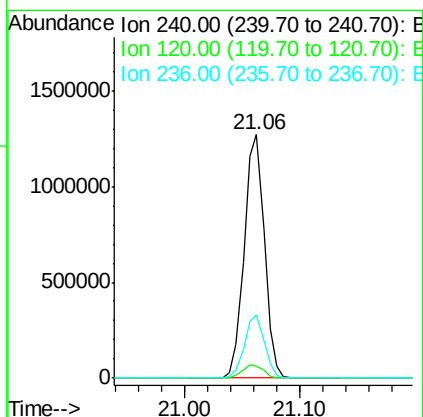
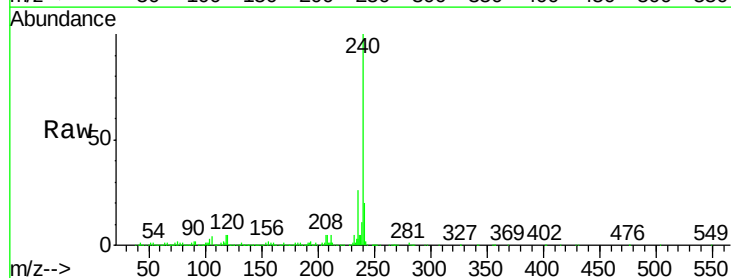
Instrument :
BNA_M
ClientSampleId :
3577-FB

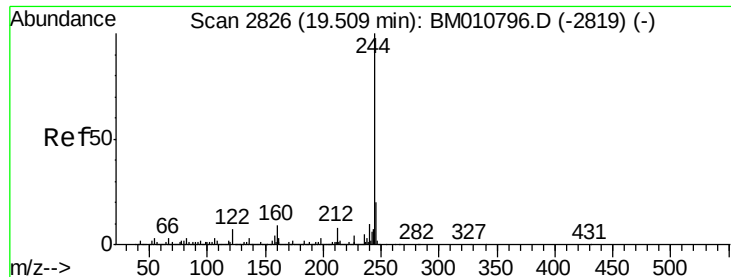
Tot Ion:188 Resp: 1498241
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 7.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010887.D
Acq: 19 Jul 2017 01:06

Tgt Ion:240 Resp: 1543758
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 25.7 20.0 30.0





#78

Terphenyl-d14

Concen: 87.51 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010887.D

Acq: 19 Jul 2017 01:06

Instrument :

BNA_M

ClientSampleId :

3577-FB

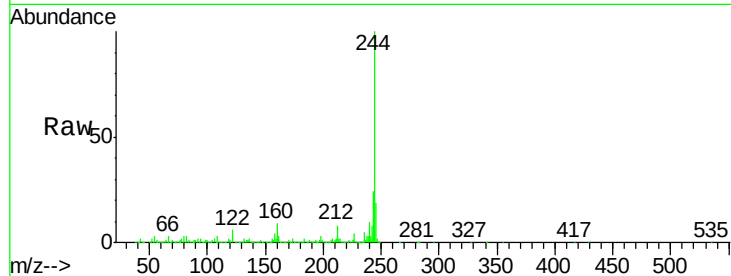
Tot Ion:244 Resp: 6984994

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

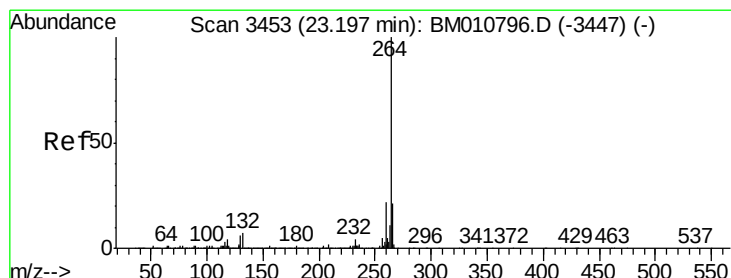
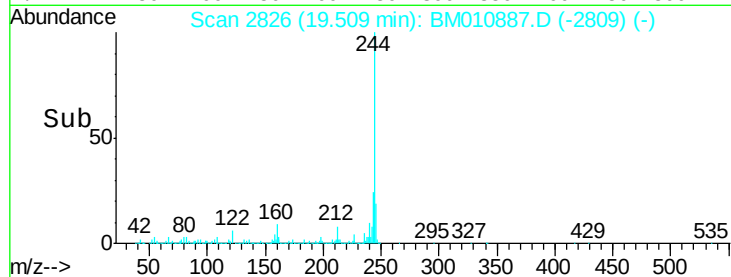
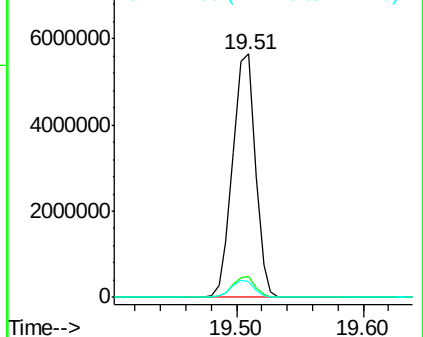
122 6.2 6.2 9.4#



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: 20.00 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010887.D

Acq: 19 Jul 2017 01:06

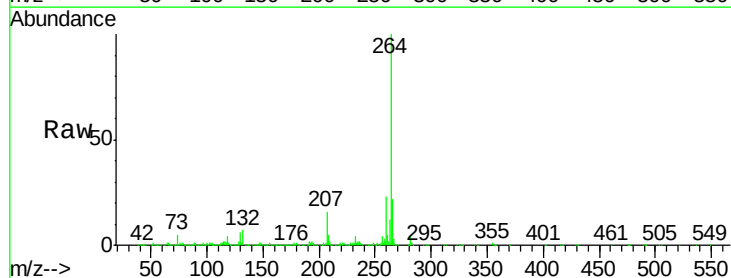
Tgt Ion:264 Resp: 1372507

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 22.1 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

