

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071917\
 Data File : BM010893.D
 Acq On : 19 Jul 2017 15:01
 Operator : SJ/JU
 Sample : I4234-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-COMB-07

Quant Time: Jul 20 01:08:21 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	190063	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	714656	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	470580	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1223557	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1373827	20.00	ng	0.00
86) Perylene-d12	23.19	264	1086268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	260809	22.73	ng	0.00
7) Phenol-d6	6.63	99	336235	21.26	ng	-0.01
23) Nitrobenzene-d5	8.58	82	286057	15.39	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	181747	25.27	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	613877	16.23	ng	-0.01
78) Terphenyl-d14	19.50	244	1163839	16.38	ng	0.00

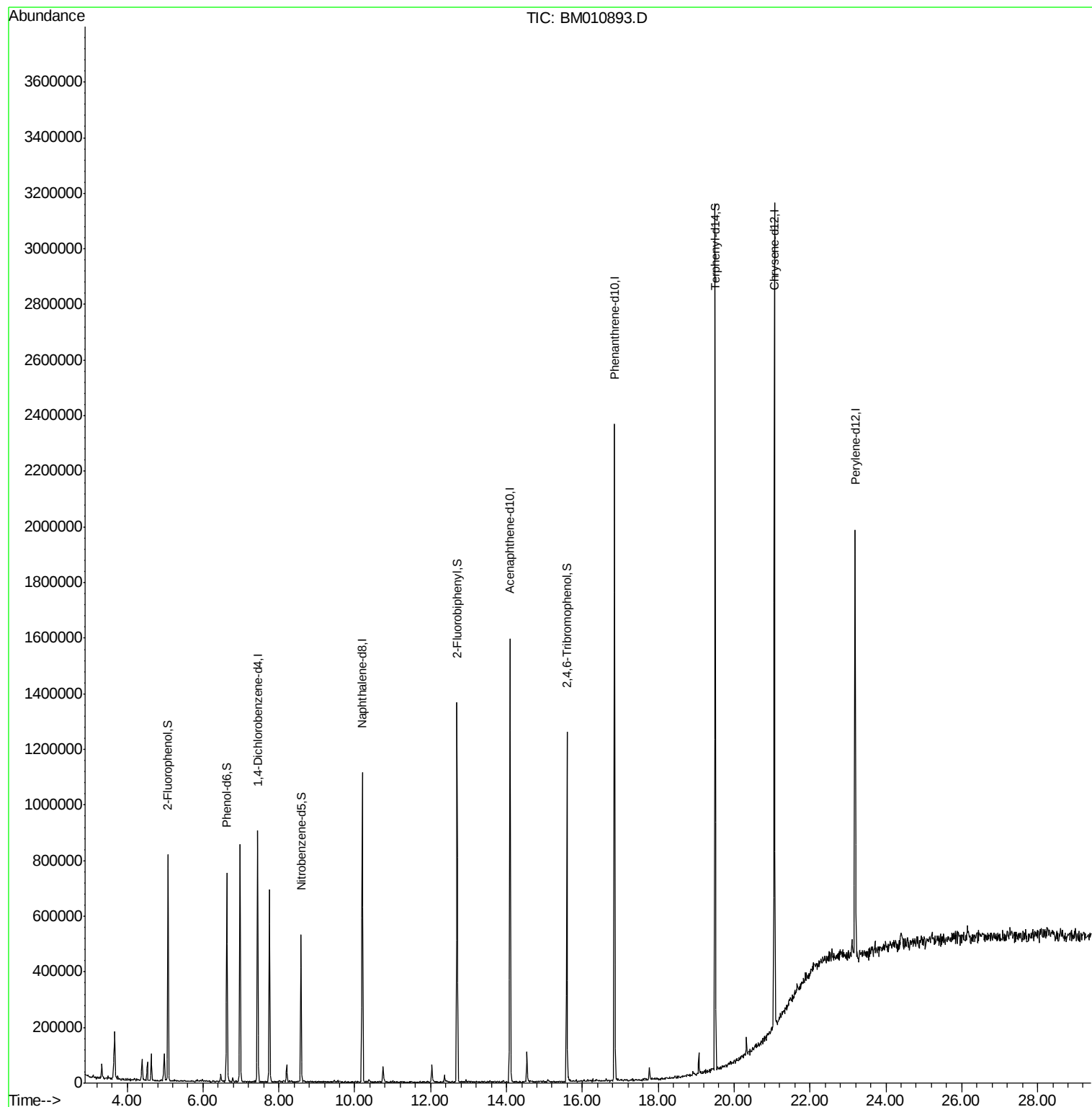
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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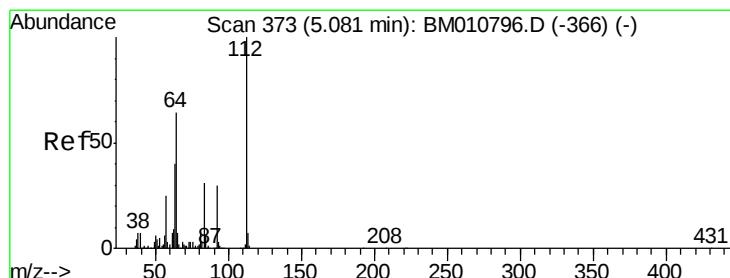
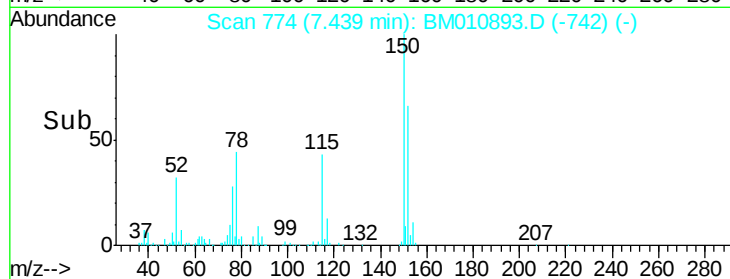
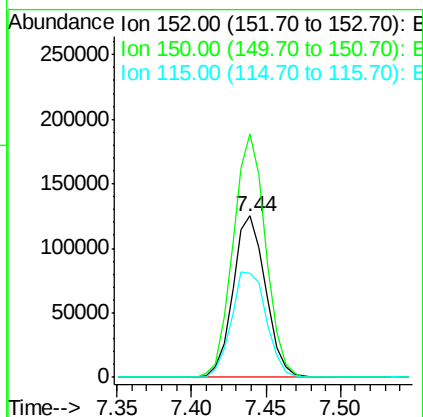
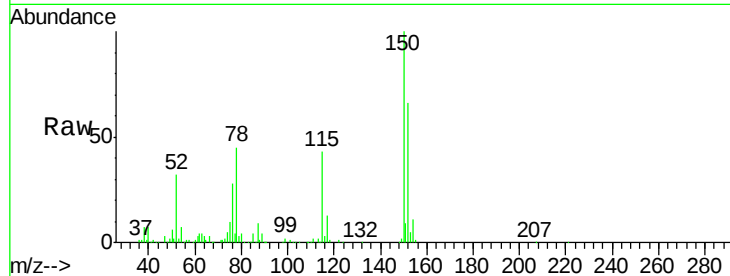


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010893.D
Acq: 19 Jul 2017 15:01

Instrument :
BNA_M
ClientSampleId :
M-COMB-07

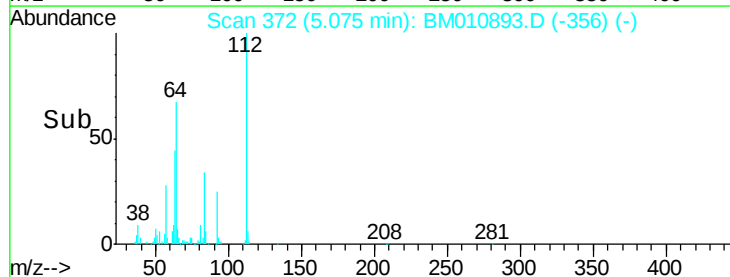
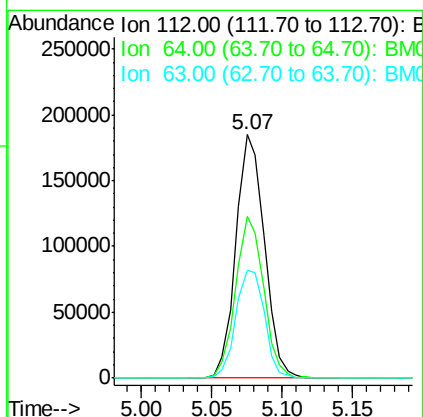
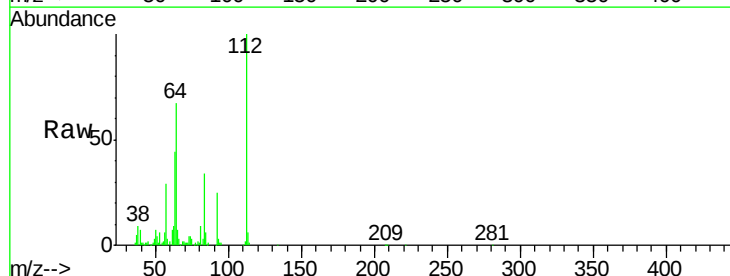
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.1	119.5	179.3
115	64.7	43.0	64.4#

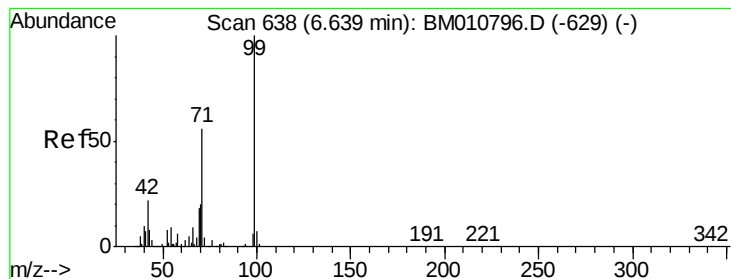


#5

2-Fluorophenol
Concen: 22.731 ng
RT: 5.07 min Scan# 372
Delta R.T. -0.01 min
Lab File: BM010893.D
Acq: 19 Jul 2017 15:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	38.6	57.8#
63	44.4	19.3	28.9#





#7

Phenol-d6

Concen: 21.257 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM010893.D

Acq: 19 Jul 2017 15:01

Instrument :

BNA_M

ClientSampleId :

M-COMB-07

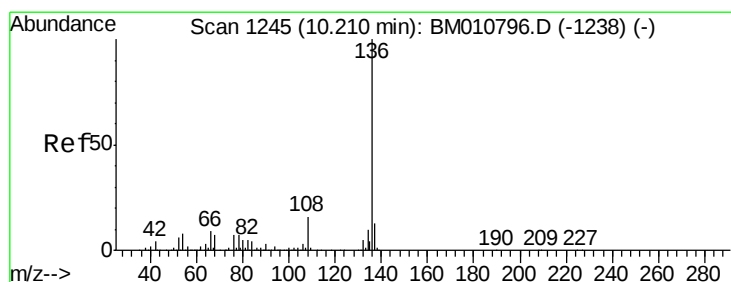
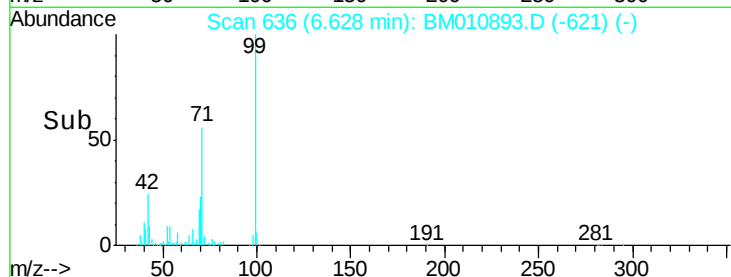
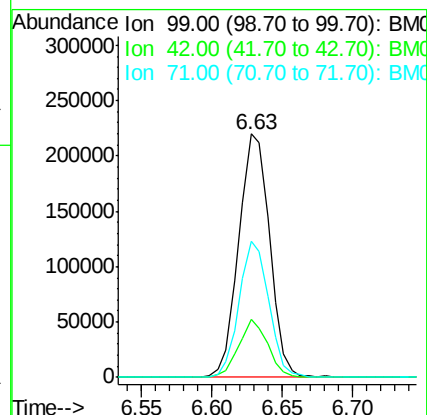
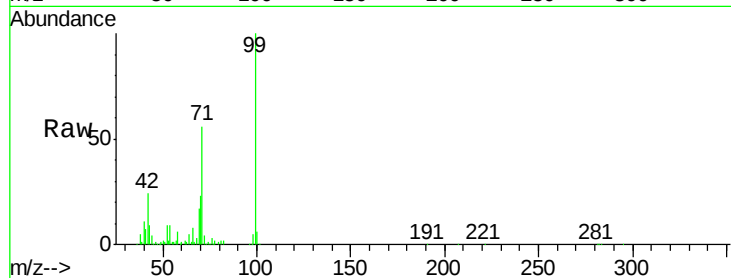
Tgt Ion: 99 Resp: 336235

Ion Ratio Lower Upper

99 100

42 24.0 11.0 16.4#

71 56.1 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: BM010893.D

Acq: 19 Jul 2017 15:01

Tgt Ion: 136 Resp: 714656

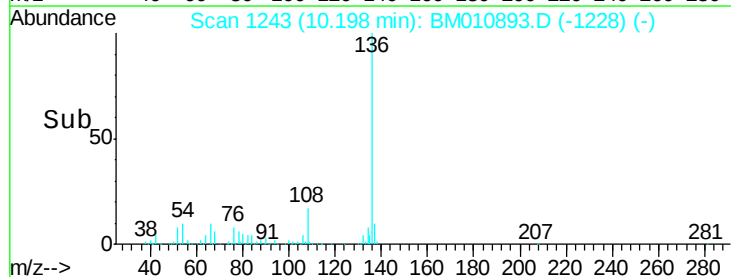
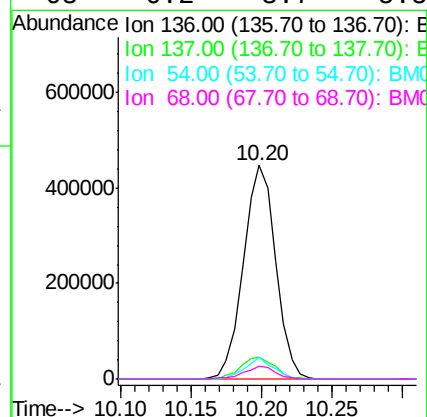
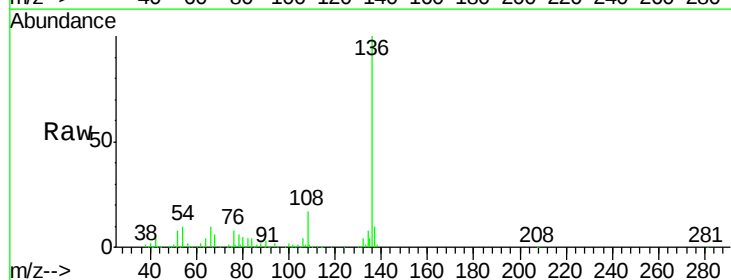
Ion Ratio Lower Upper

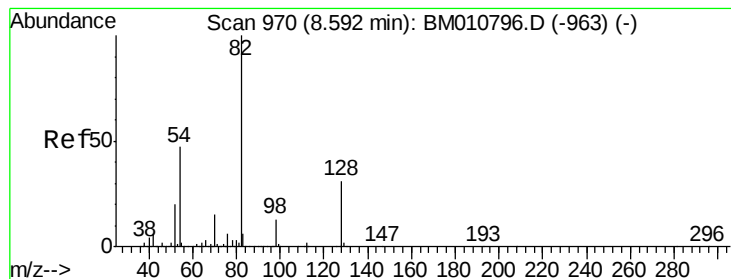
136 100

137 10.2 8.7 13.1

54 10.2 4.6 6.8#

68 6.2 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 15.386 ng

RT: 8.58 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM010893.D

Acq: 19 Jul 2017 15:01

Instrument :

BNA_M

ClientSampleId :

M-COMB-07

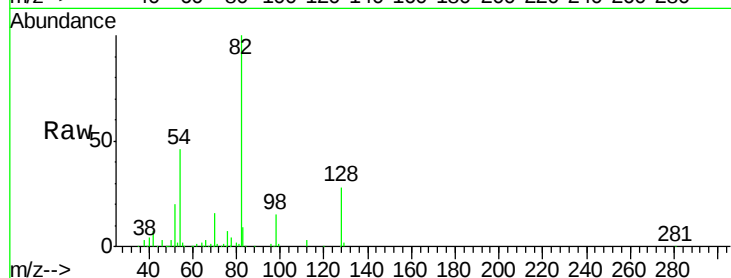
Tgt Ion: 82 Resp: 286057

Ion Ratio Lower Upper

82 100

128 28.4 32.8 49.2#

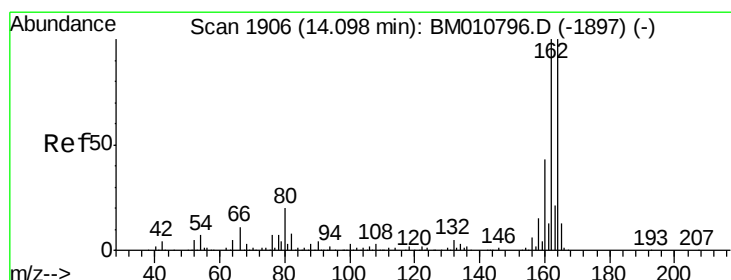
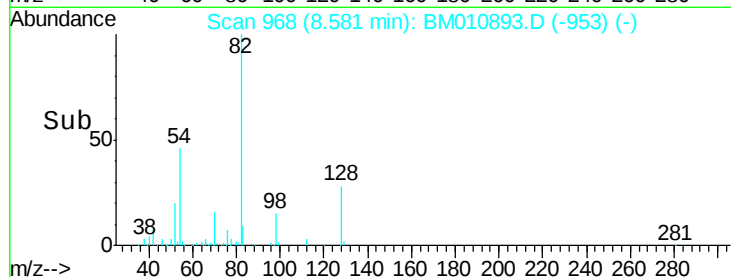
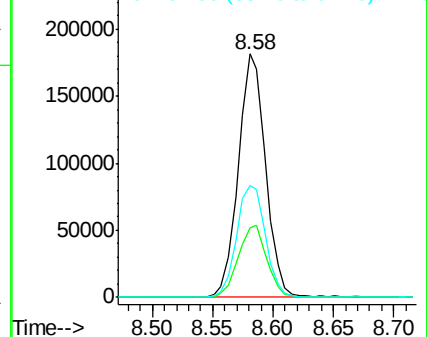
54 45.9 40.6 60.8



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) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010893.D

Acq: 19 Jul 2017 15:01

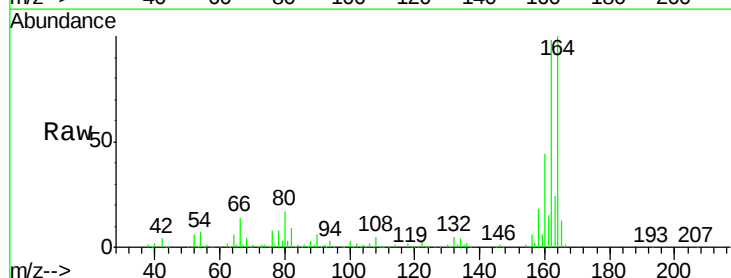
Tgt Ion: 164 Resp: 470580

Ion Ratio Lower Upper

164 100

162 98.4 82.4 123.6

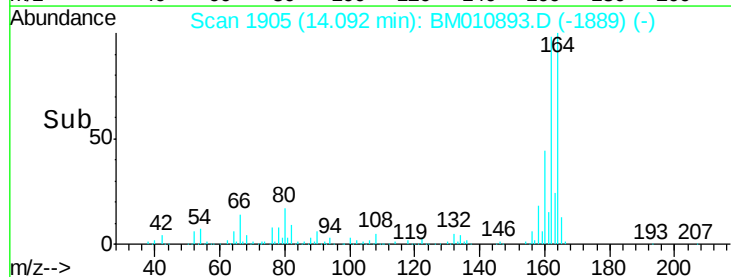
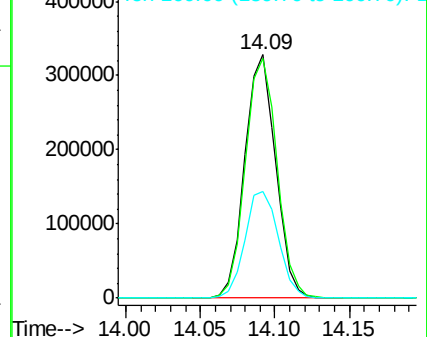
160 44.1 35.8 53.6

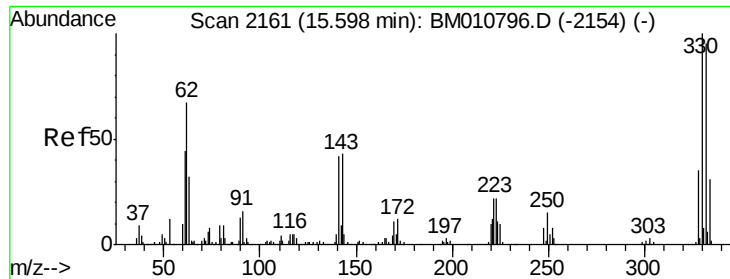


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

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

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





#41

2,4,6-Tribromophenol

Concen: 25.273 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM010893.D

Acq: 19 Jul 2017 15:01

Instrument :

BNA_M

ClientSampleId :

M-COMB-07

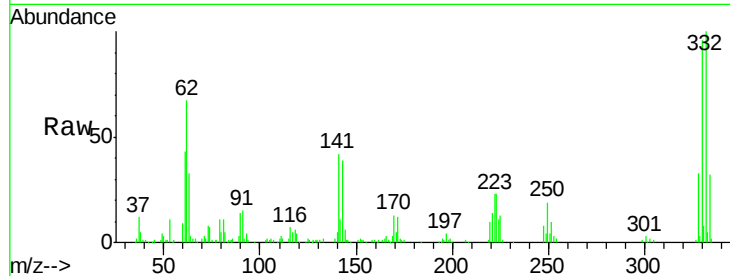
Tgt Ion:330 Resp: 181747

Ion Ratio Lower Upper

330 100

332 97.8 0.0 0.0#

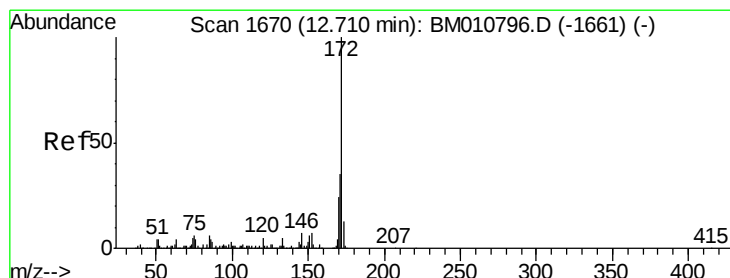
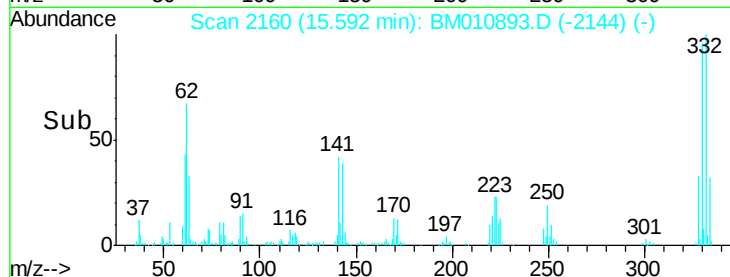
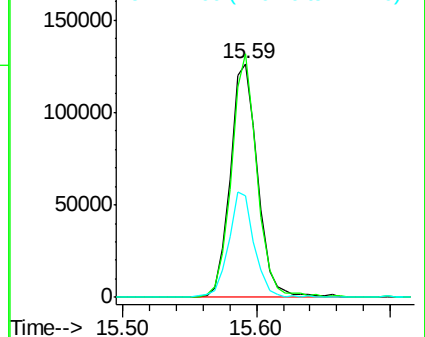
141 42.4 0.0 0.0#



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: 16.228 ng

RT: 12.70 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM010893.D

Acq: 19 Jul 2017 15:01

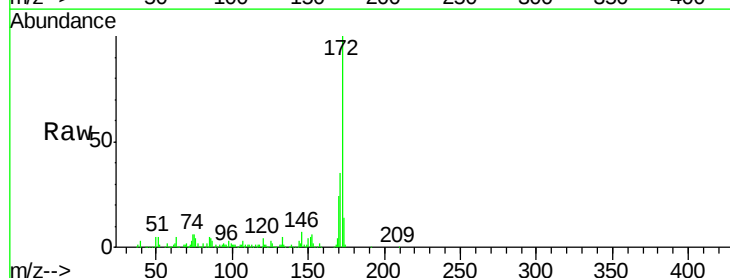
Tgt Ion:172 Resp: 613877

Ion Ratio Lower Upper

172 100

171 34.8 28.5 42.7

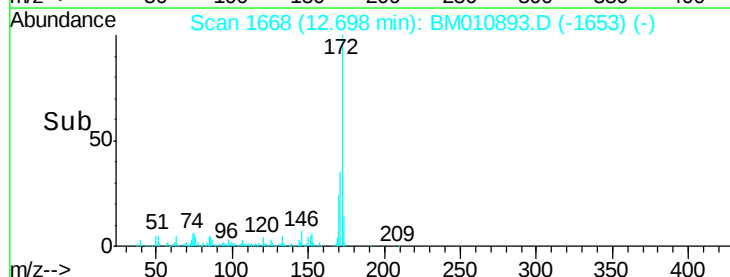
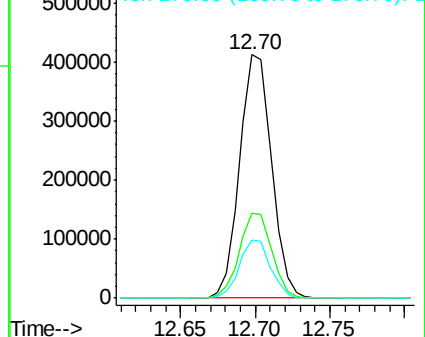
170 23.6 18.8 28.2

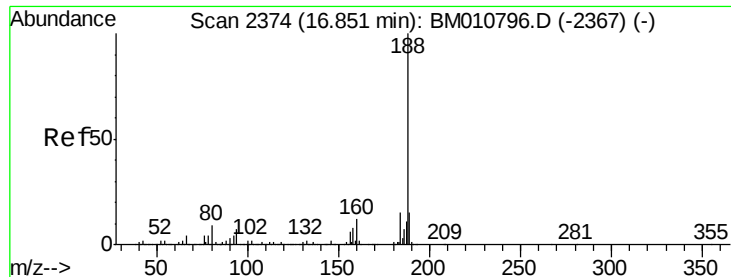


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

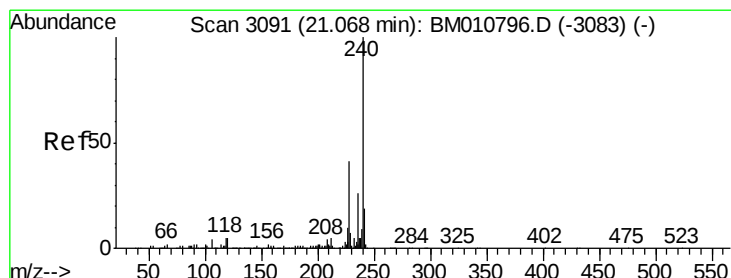
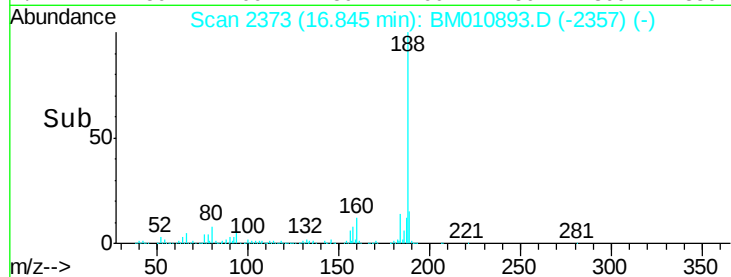
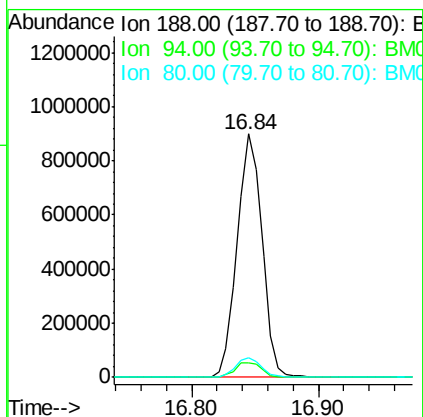
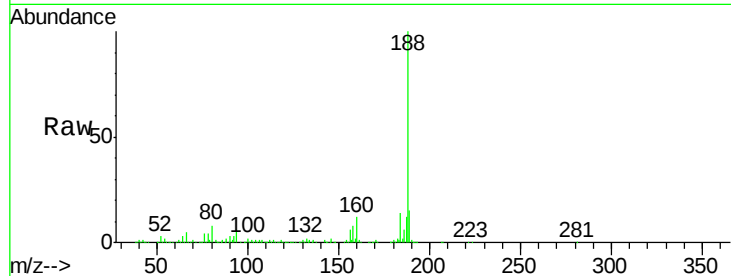




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010893.D
Acq: 19 Jul 2017 15:01

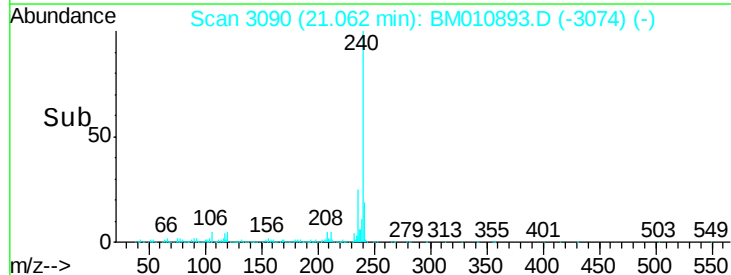
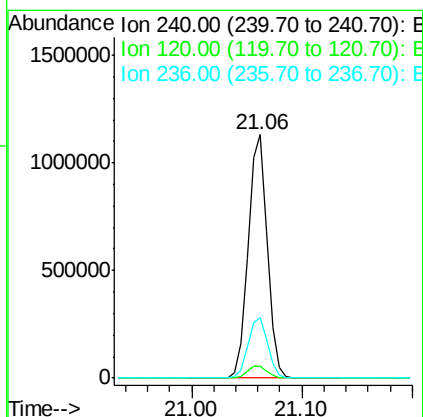
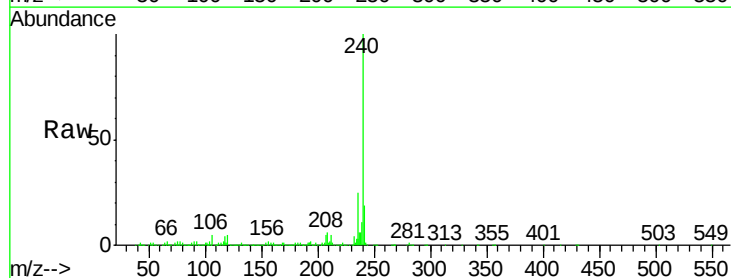
Instrument :
BNA_M
ClientSampleId :
M-COMB-07

Tgt Ion:188 Resp: 1223557
Ion Ratio Lower Upper
188 100
94 6.2 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: BM010893.D
Acq: 19 Jul 2017 15:01

Tgt Ion:240 Resp: 1373827
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 25.1 20.0 30.0





#78

Terphenyl-d14

Concen: 16.385 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010893.D

Acq: 19 Jul 2017 15:01

Instrument :

BNA_M

ClientSampleId :

M-COMB-07

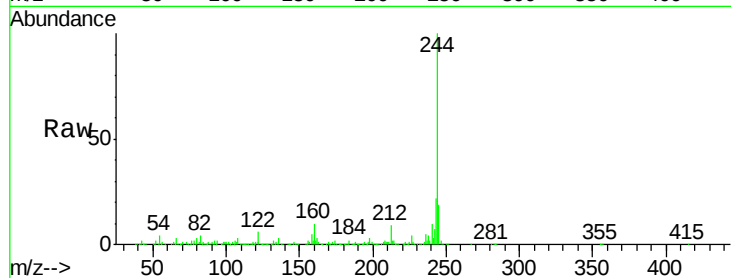
Tgt Ion:244 Resp: 1163839

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

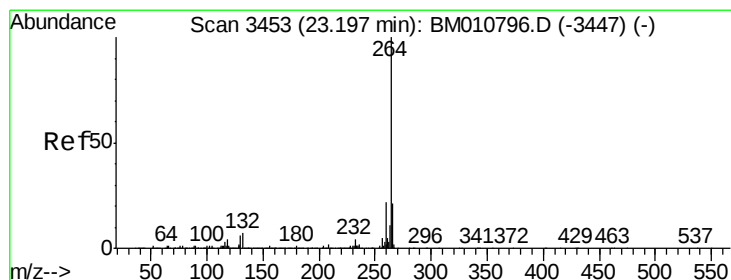
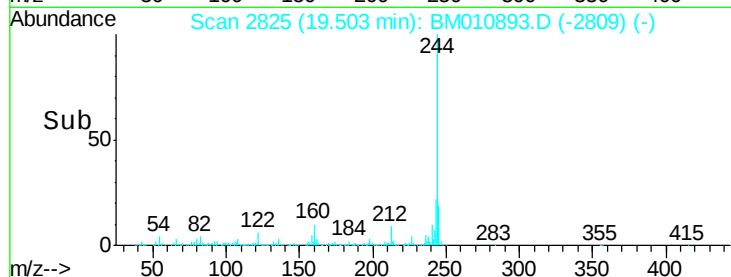
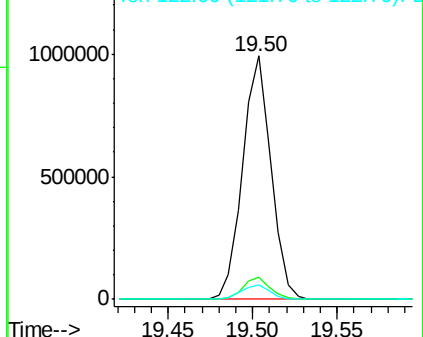
122 6.1 6.2 9.4#



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: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010893.D

Acq: 19 Jul 2017 15:01

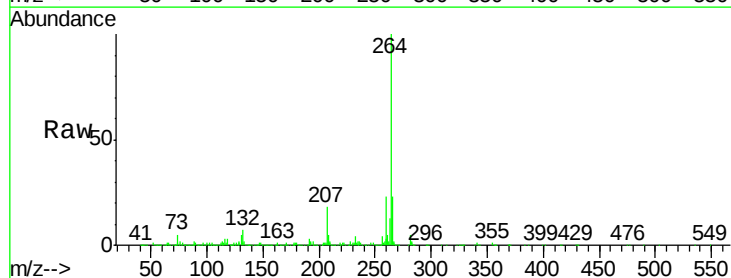
Tgt Ion:264 Resp: 1086268

Ion Ratio Lower Upper

264 100

260 23.5 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

