

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072417\
 Data File : BM010962.D
 Acq On : 24 Jul 2017 13:53
 Operator : SJ/JU
 Sample : I4313-04RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-1RE

Quant Time: Jul 24 17:42:14 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	7.42	152	254462	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	900031	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	160035	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	895489	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	135771	20.00	ng	-0.02
86) Perylene-d12	23.17	264	795	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1850779	120.48	ng	-0.01
7) Phenol-d6	6.62	99	943061	44.53	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2202034	94.04	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1310537	535.87	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4141271	321.92	ng	-0.02
78) Terphenyl-d14	19.49	244	4016366	572.14	ng	-0.02

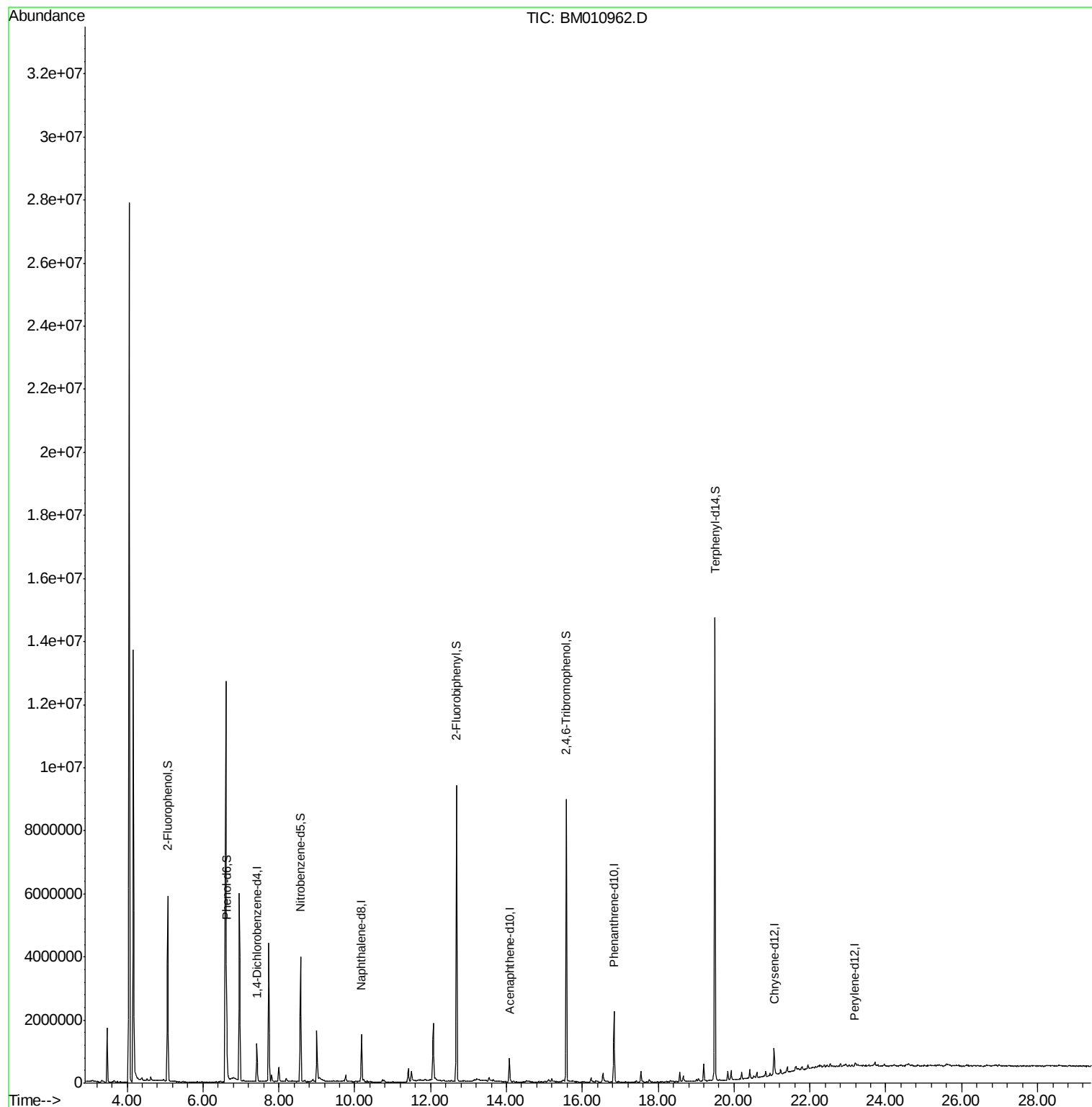
Target Compounds Qvalue

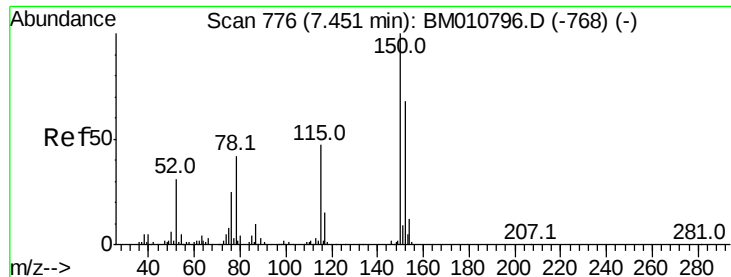
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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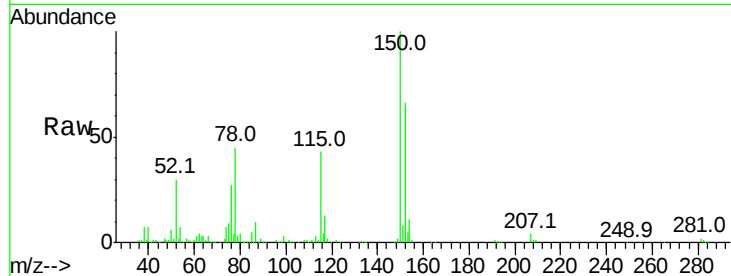


#1

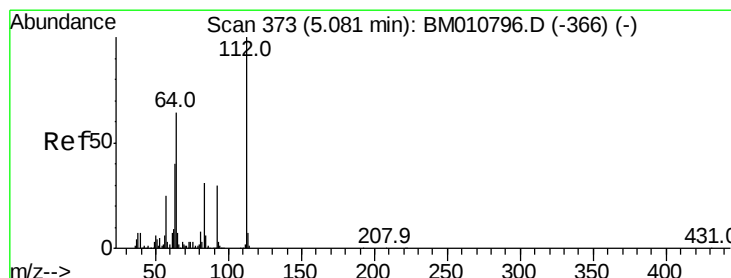
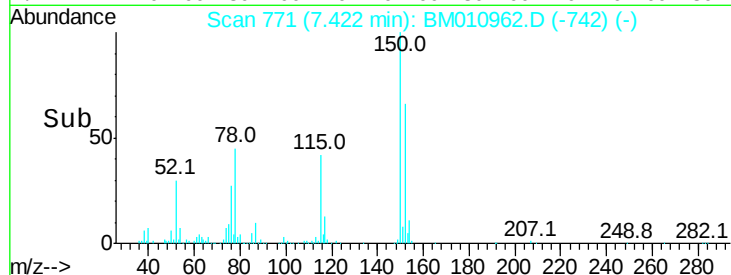
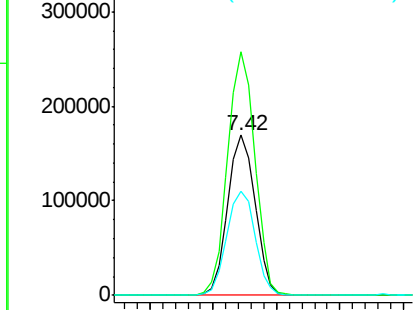
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010962.D
Acq: 24 Jul 2017 13:53

Instrument :
BNA_M
ClientSampleId :
B-COMB-1RE

Tot Ion:152 Resp: 254462
Ion Ratio Lower Upper
152 100
150 152.1 119.5 179.3
115 64.9 43.0 64.4#



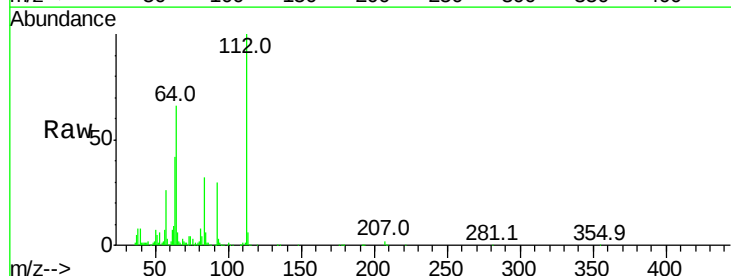
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



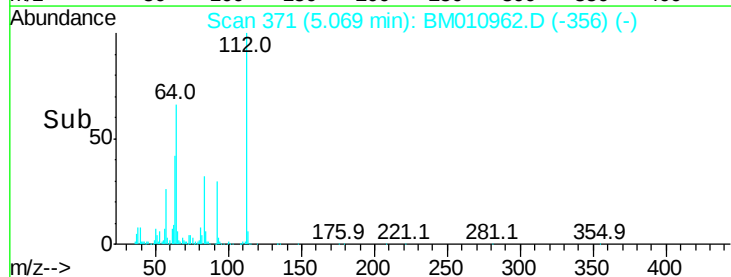
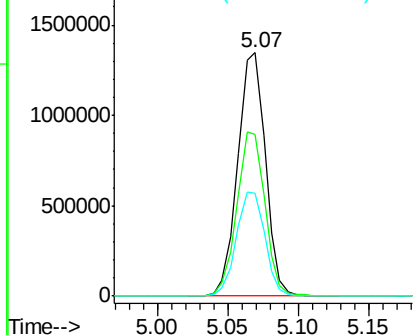
#5

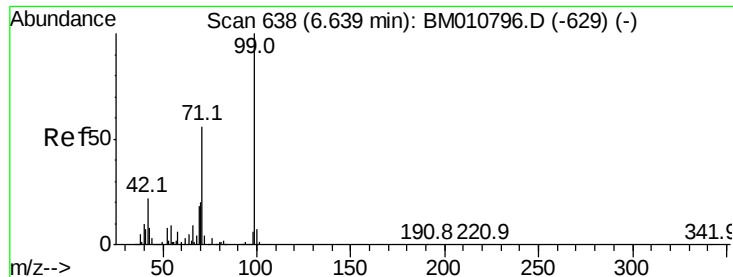
2-Fluorophenol
Concen: 120.482 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM010962.D
Acq: 24 Jul 2017 13:53

Tgt Ion:112 Resp: 1850779
Ion Ratio Lower Upper
112 100
64 66.3 38.6 57.8#
63 42.2 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: 44.532 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010962.D

Acq: 24 Jul 2017 13:53

Instrument :

BNA_M

ClientSampleId :

B-COMB-1RE

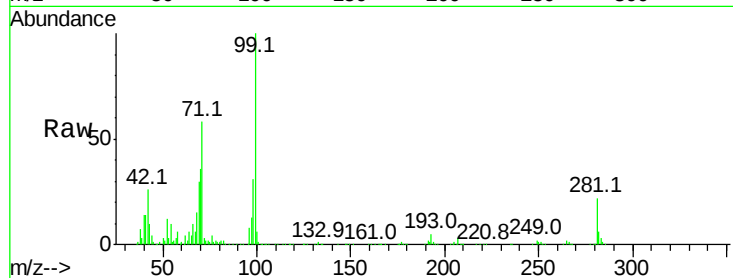
Tot Ion: 99 Resp: 943061

Ion Ratio Lower Upper

99 100

42 26.2 11.0 16.4#

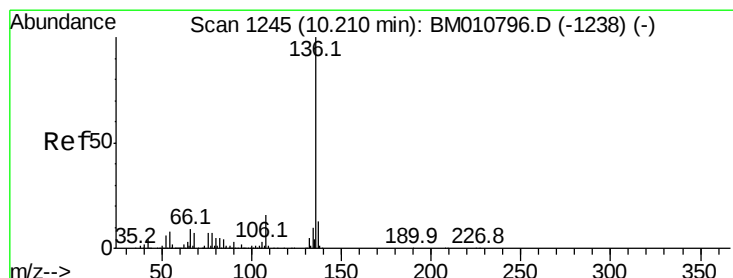
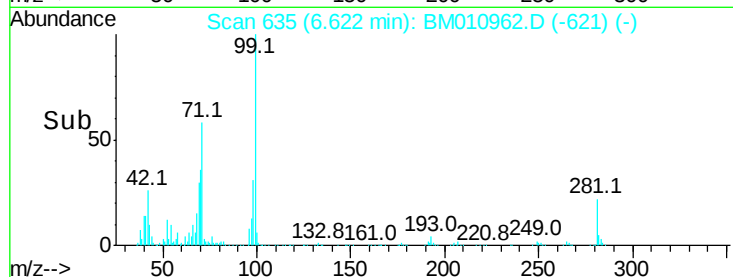
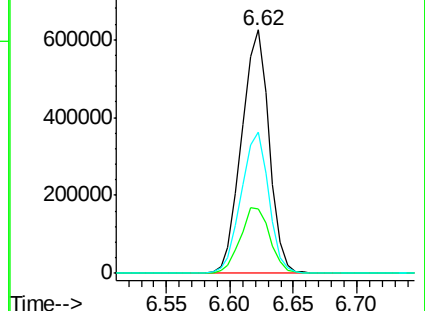
71 58.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010962.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010962.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010962.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010962.D

Acq: 24 Jul 2017 13:53

Tgt Ion: 136 Resp: 900031

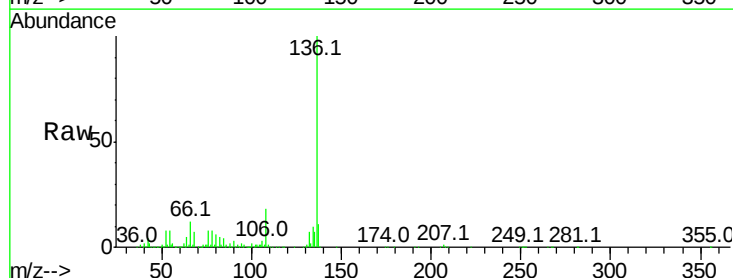
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.7 4.6 6.8#

68 7.1 3.7 5.5#

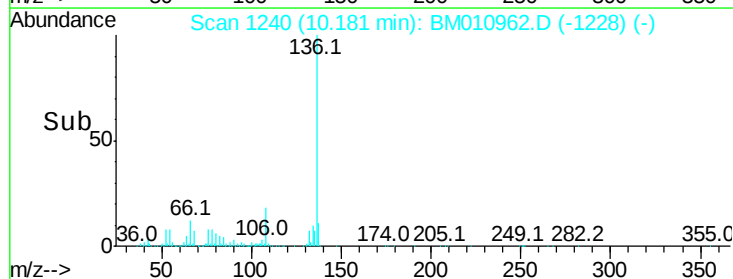
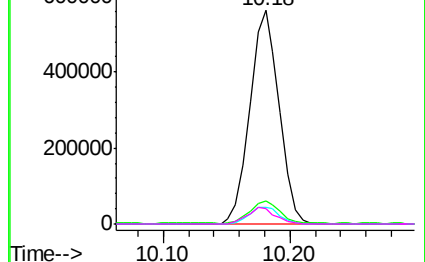


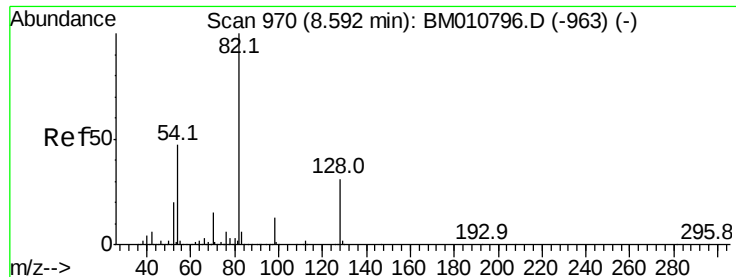
Abundance Ion 136.00 (135.70 to 136.70): BM010962.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM010962.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM010962.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM010962.D (-1228) (-)





#23

Nitrobenzene-d5

Concen: 94.042 ng

RT: 8.57 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM010962.D

Acq: 24 Jul 2017 13:53

Instrument :

BNA_M

ClientSampleId :

B-COMB-1RE

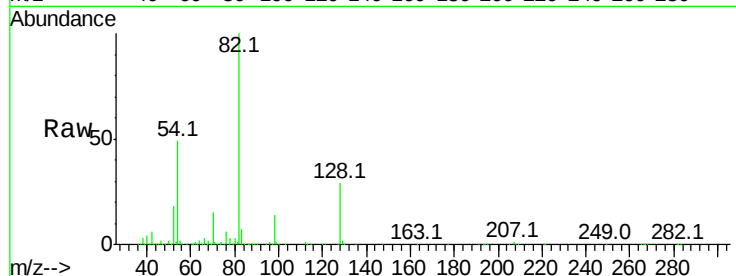
Tot Ion: 82 Resp: 2202034

Ion Ratio Lower Upper

82 100

128 28.5 32.8 49.2#

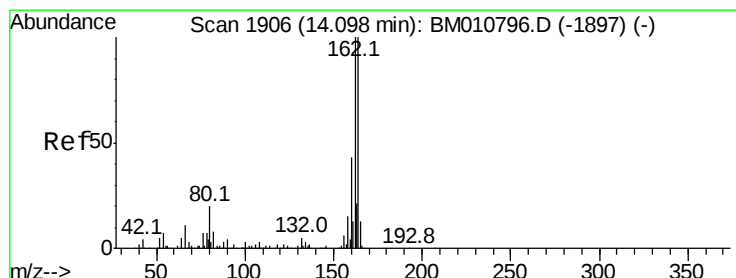
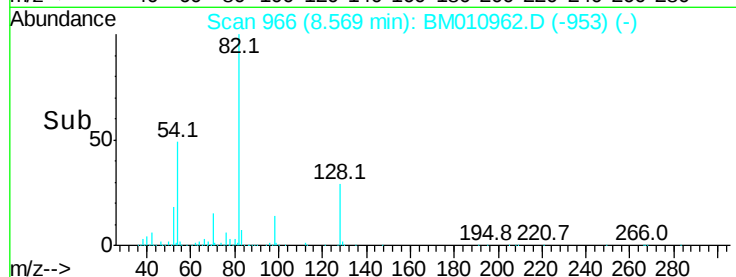
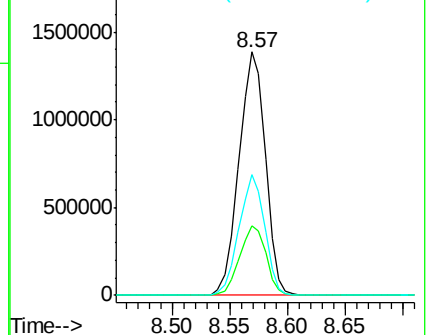
54 49.4 40.6 60.8



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: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM010962.D

Acq: 24 Jul 2017 13:53

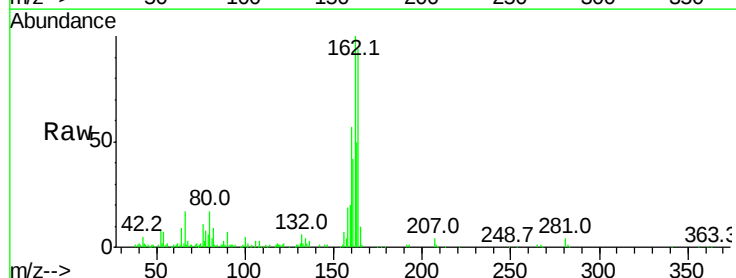
Tgt Ion:164 Resp: 160035

Ion Ratio Lower Upper

164 100

162 106.6 82.4 123.6

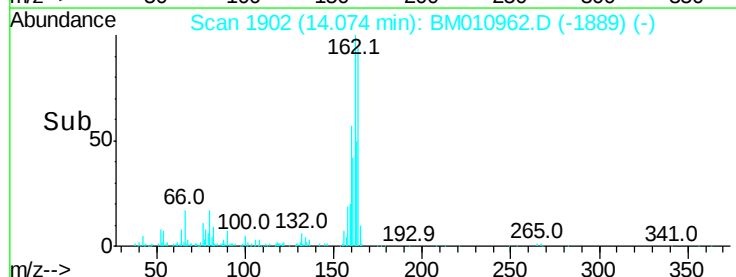
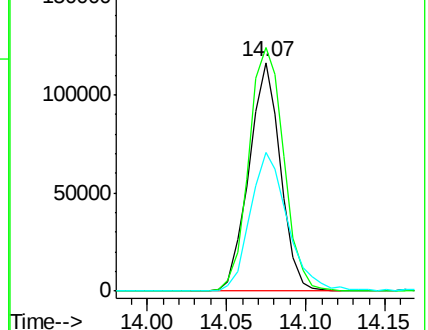
160 60.7 35.8 53.6#

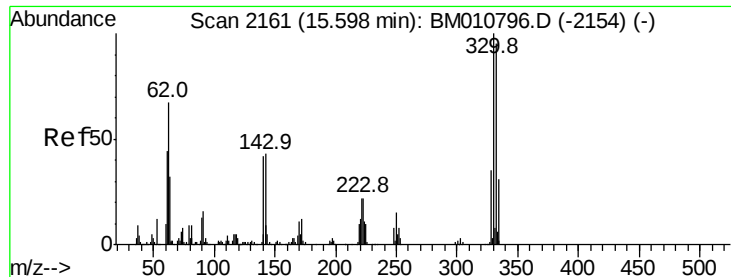


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

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

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

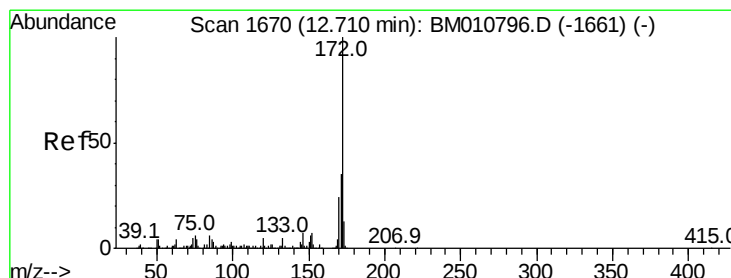
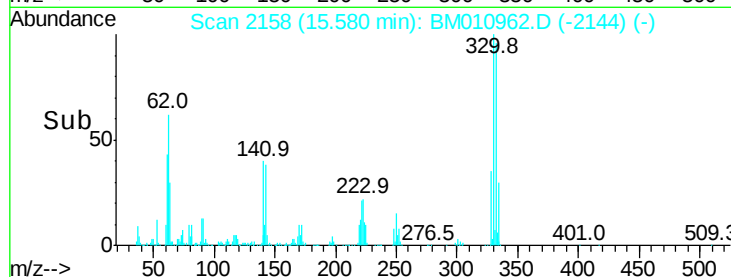
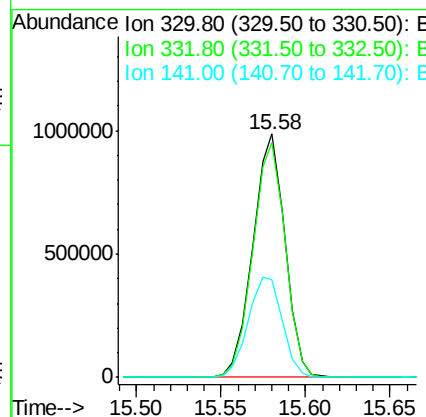
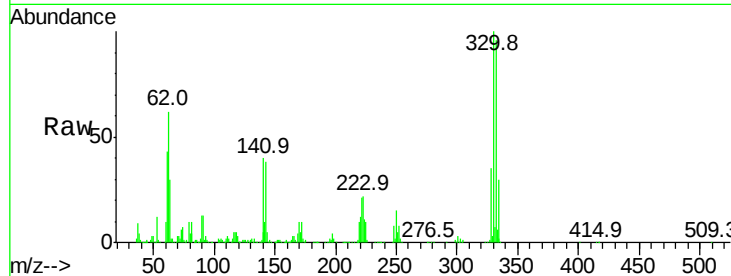




#41
 2,4,6-Tribromophenol
 Concen: 535.867 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010962.D
 Acq: 24 Jul 2017 13:53

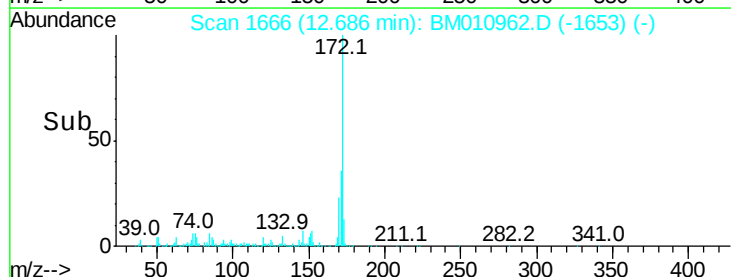
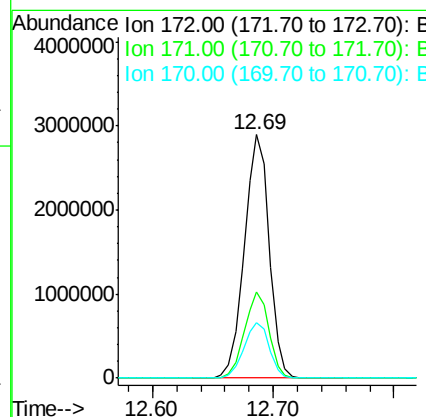
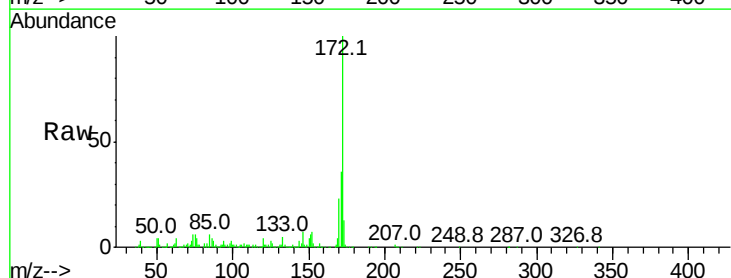
Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-1RE

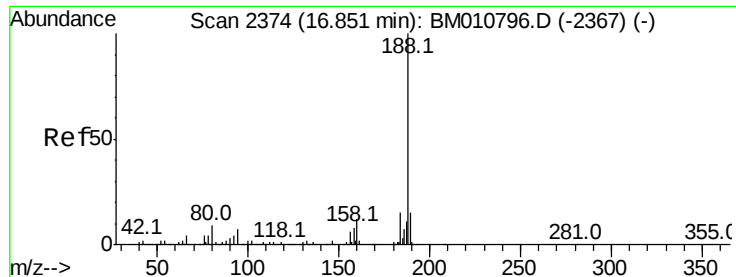
Tot Ion:330 Resp: 1310537
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 44.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 321.920 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010962.D
 Acq: 24 Jul 2017 13:53

Tgt Ion:172 Resp: 4141271
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 22.6 18.8 28.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM010962.D

Acq: 24 Jul 2017 13:53

Instrument :

BNA_M

ClientSampleId :

B-COMB-1RE

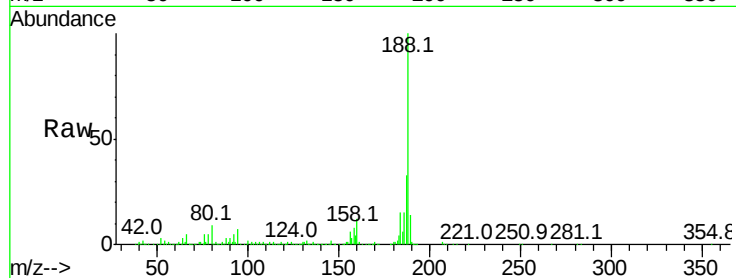
Tot Ion:188 Resp: 895489

Ion Ratio Lower Upper

188 100

94 7.5 8.7 13.1#

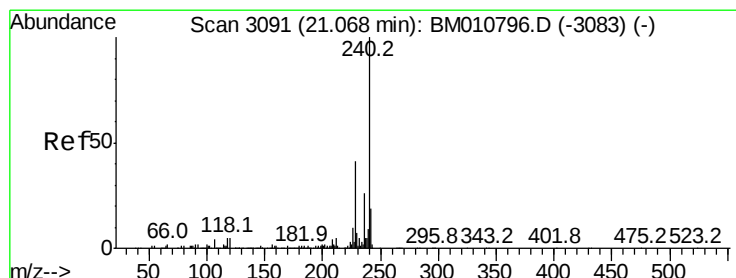
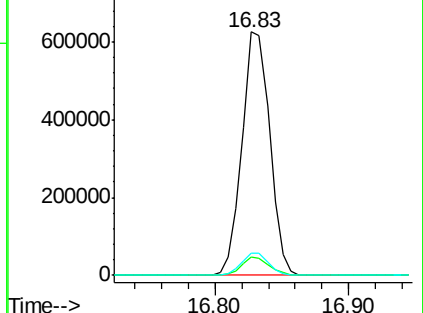
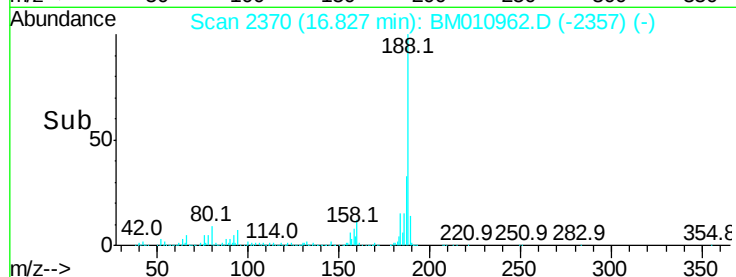
80 9.3 9.3 13.9



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: 21.05 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM010962.D

Acq: 24 Jul 2017 13:53

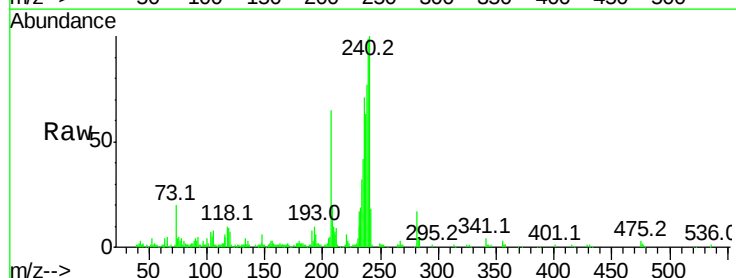
Tgt Ion:240 Resp: 135771

Ion Ratio Lower Upper

240 100

120 6.8 8.2 12.2#

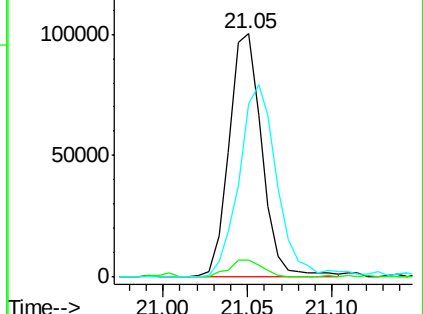
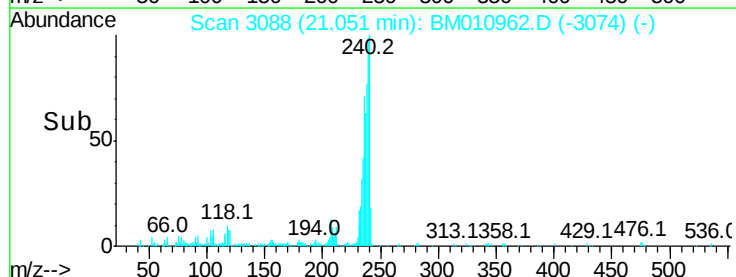
236 71.1 20.0 30.0#

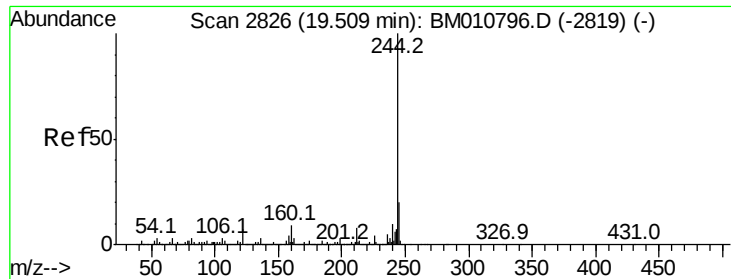


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 572.145 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BM010962.D

Acq: 24 Jul 2017 13:53

Instrument :

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ClientSampleId :

B-COMB-1RE

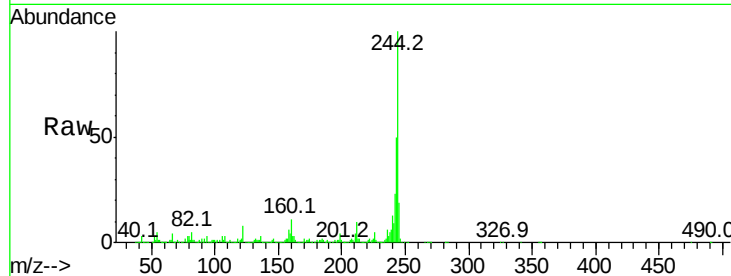
Tot Ion:244 Resp: 4016366

Ion Ratio Lower Upper

244 100

212 9.6 4.9 7.3#

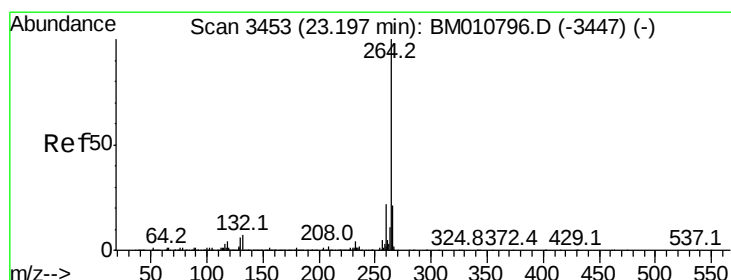
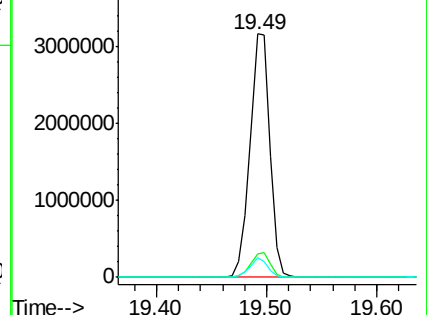
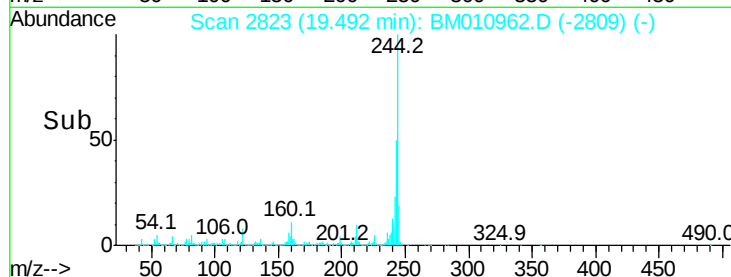
122 7.8 6.2 9.4



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: 23.17 min Scan# 3448

Delta R.T. -0.03 min

Lab File: BM010962.D

Acq: 24 Jul 2017 13:53

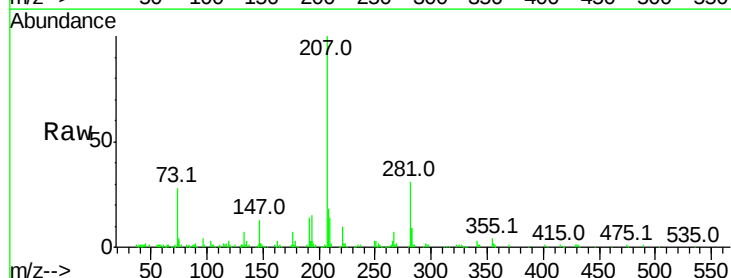
Tgt Ion:264 Resp: 795

Ion Ratio Lower Upper

264 100

260 37.7 18.6 27.8#

265 374.4 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

