

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
 Data File : BF096176.D
 Acq On : 24 Jun 2017 00:14
 Operator : SJ/MA
 Sample : I3749-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001

Quant Time: Jun 24 01:13:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

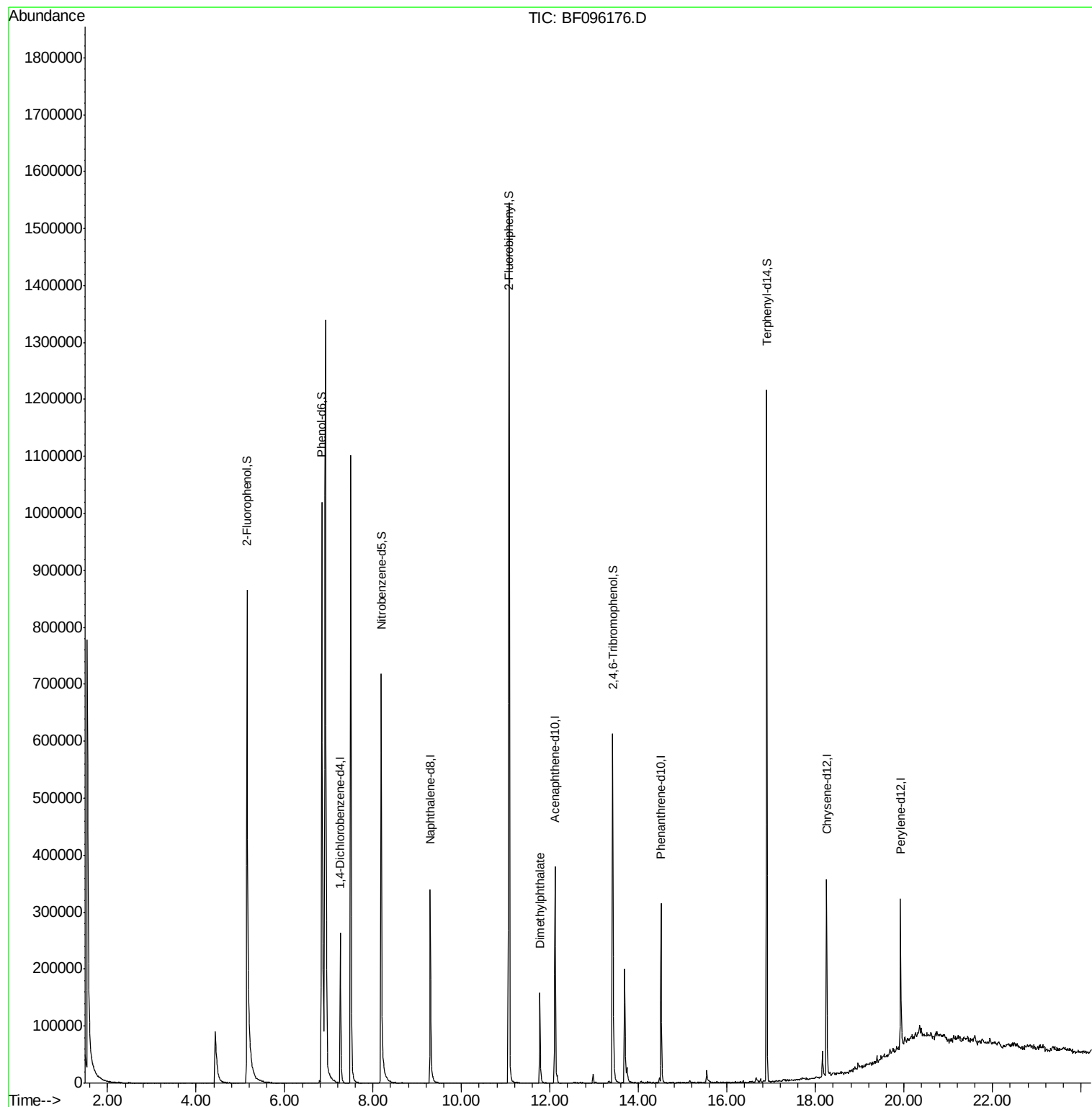
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	68660	20.00	ng	-0.04
21) Naphthalene-d8	9.29	136	272206	20.00	ng	-0.04
38) Acenaphthene-d10	12.12	164	113142	20.00	ng	-0.04
63) Phenanthrene-d10	14.51	188	178357	20.00	ng	-0.03
75) Chrysene-d12	18.25	240	152708	20.00	ng	-0.02
86) Perylene-d12	19.92	264	124632	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	609344	141.42	ng	-0.03
7) Phenol-d6	6.85	99	723941	140.34	ng	-0.03
23) Nitrobenzene-d5	8.19	82	408287	93.15	ng	-0.04
41) 2,4,6-Tribromophenol	13.42	330	112227	112.11	ng	-0.04
44) 2-Fluorobiphenyl	11.07	172	752476	92.55	ng	-0.04
78) Terphenyl-d14	16.90	244	492182	79.99	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	11.77	163	106643	12.41	ng	99

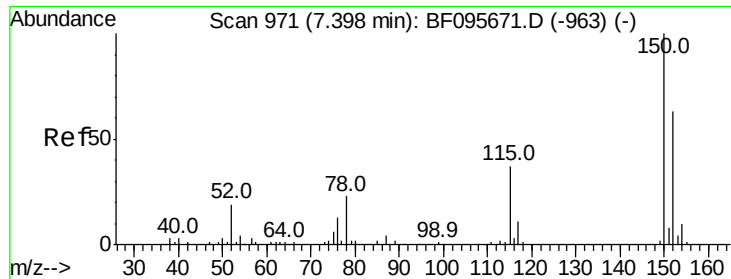
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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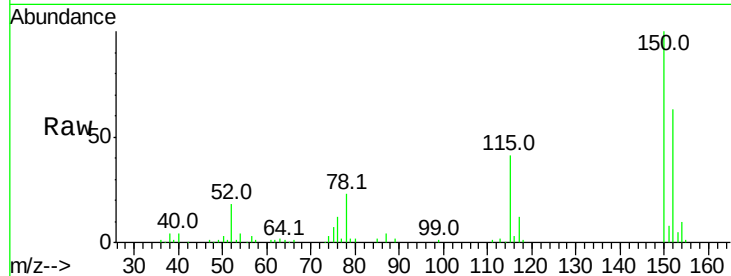


#1

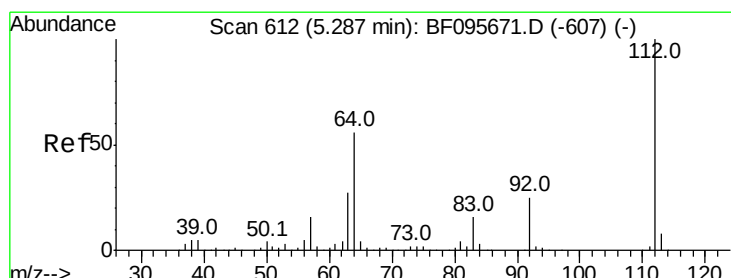
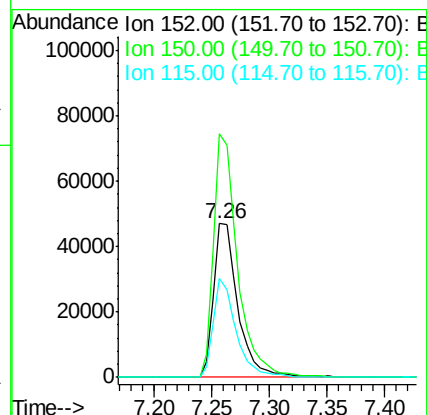
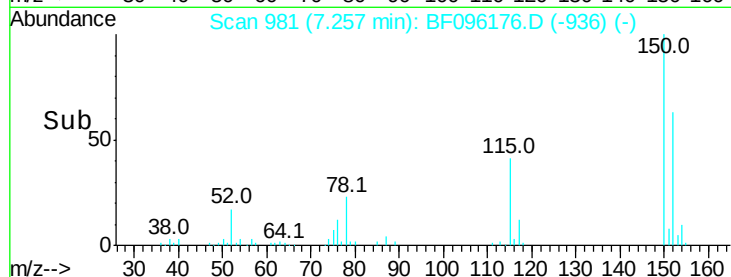
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 981
Delta R.T. -0.04 min
Lab File: BF096176.D
Acq: 24 Jun 2017 00:14

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001

Tot Ion:152 Resp: 68660
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 64.6 52.2 78.2



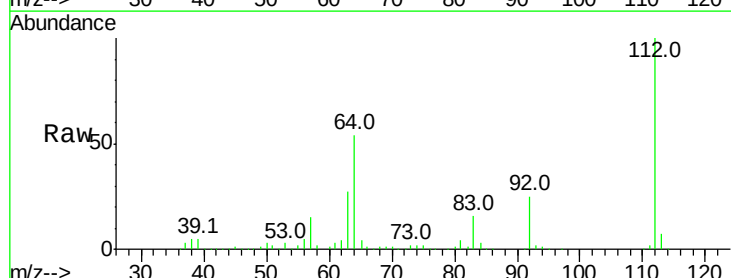
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



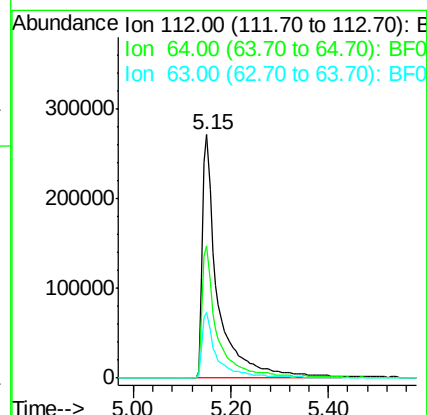
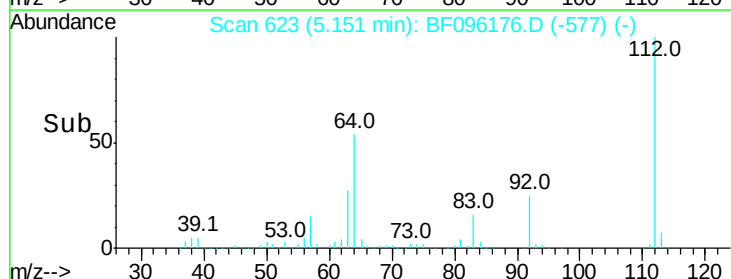
#5

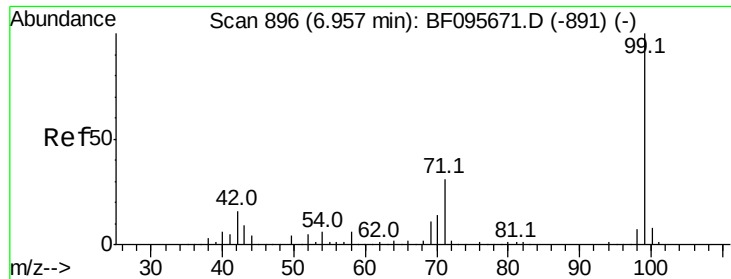
2-Fluorophenol
Concen: 141.42 ng
RT: 5.15 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF096176.D
Acq: 24 Jun 2017 00:14

Tgt Ion:112 Resp: 609344
Ion Ratio Lower Upper
112 100
64 54.3 46.0 69.0
63 27.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.34 ng

RT: 6.85 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF096176.D

Acq: 24 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001

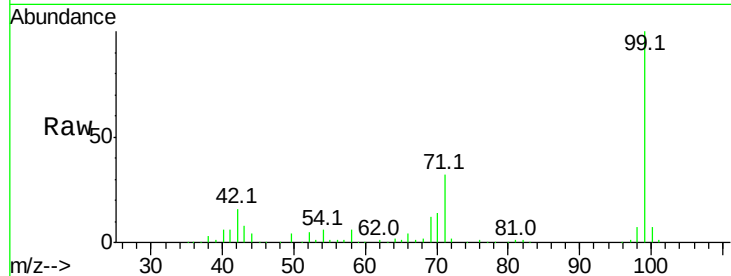
Tot Ion: 99 Resp: 723941

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

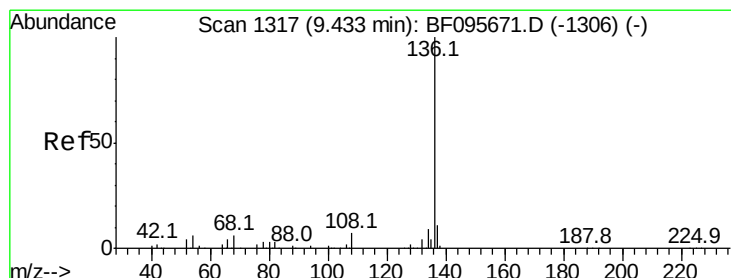
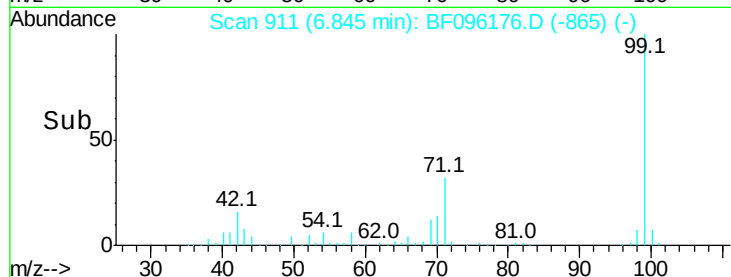
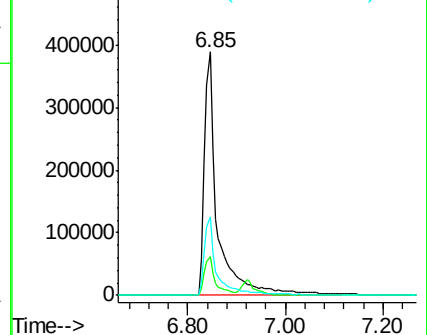
71 32.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.29 min Scan# 1327

Delta R.T. -0.04 min

Lab File: BF096176.D

Acq: 24 Jun 2017 00:14

Tgt Ion:136 Resp: 272206

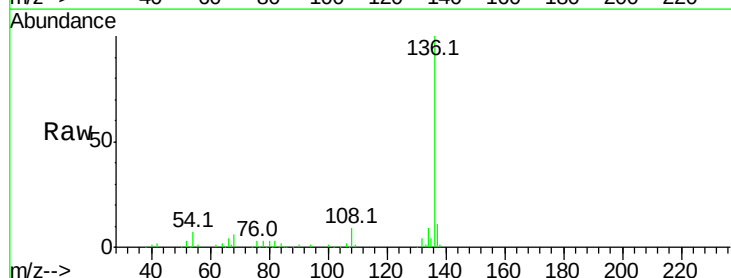
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1

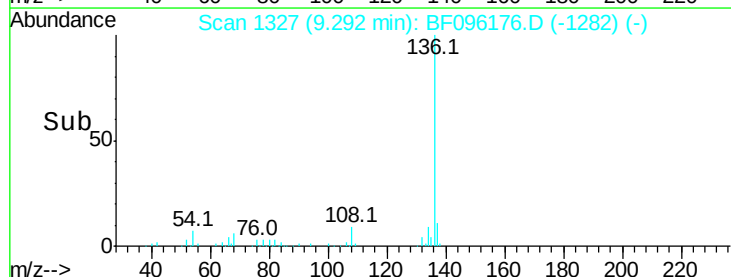
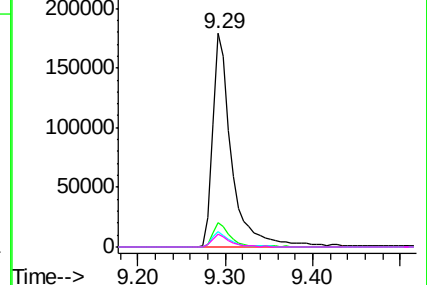


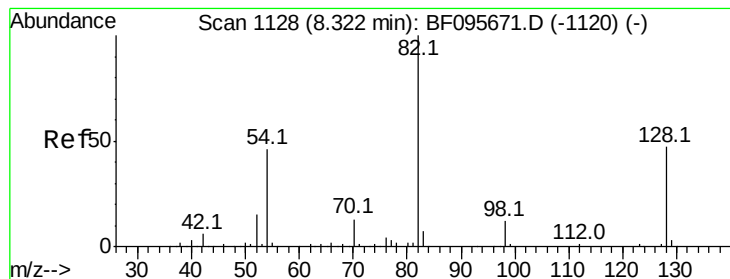
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 93.15 ng

RT: 8.19 min Scan# 1139

Delta R.T. -0.04 min

Lab File: BF096176.D

Acq: 24 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001

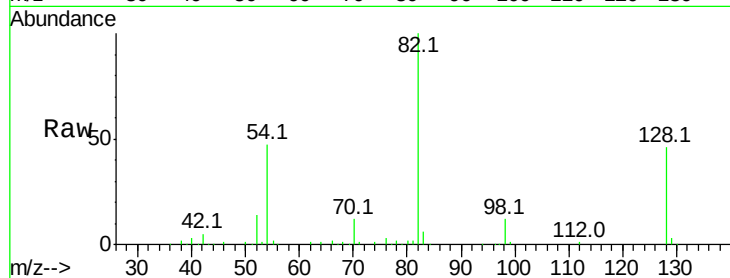
Tot Ion: 82 Resp: 408287

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

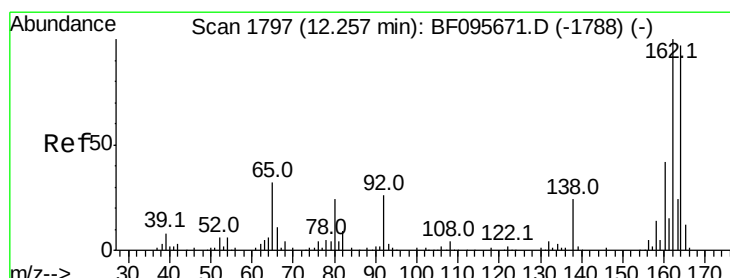
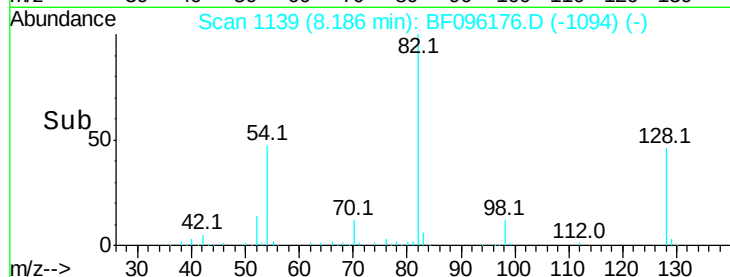
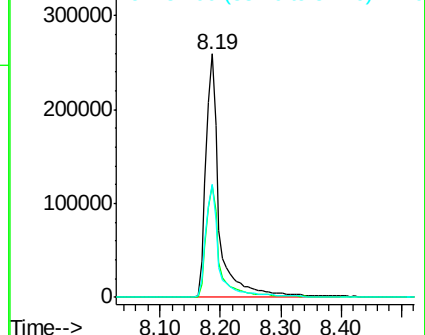
54 46.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.12 min Scan# 1807

Delta R.T. -0.04 min

Lab File: BF096176.D

Acq: 24 Jun 2017 00:14

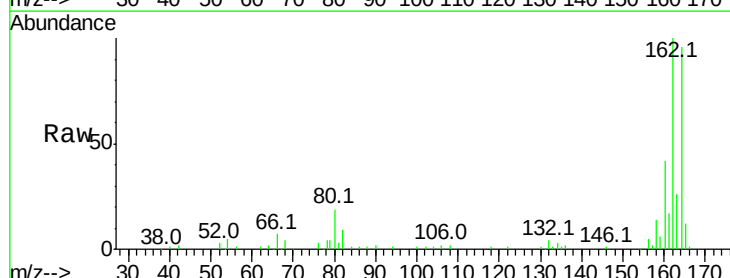
Tgt Ion:164 Resp: 113142

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

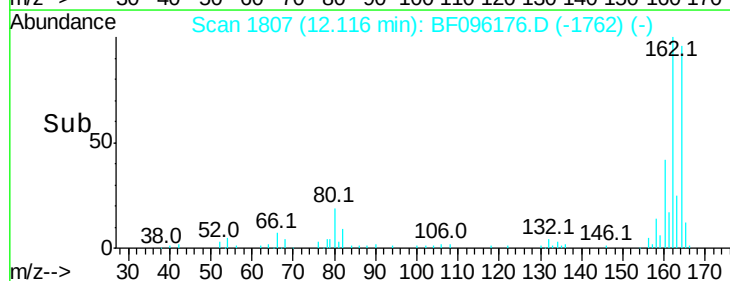
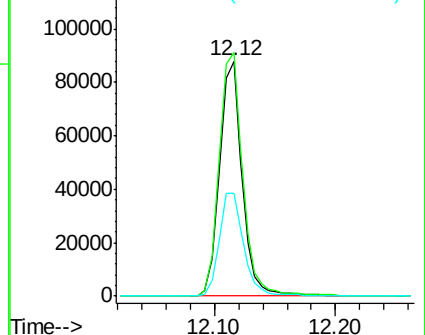
160 44.0 36.2 54.2

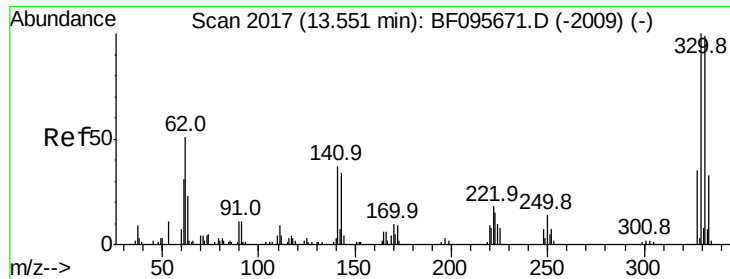


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

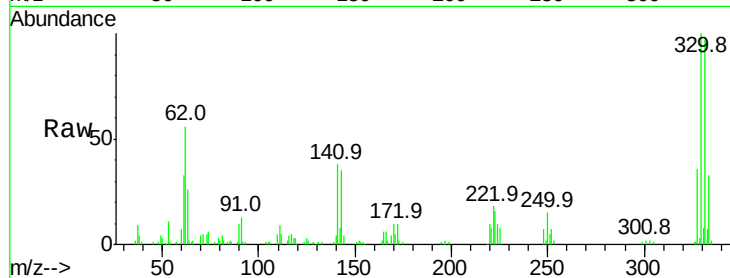




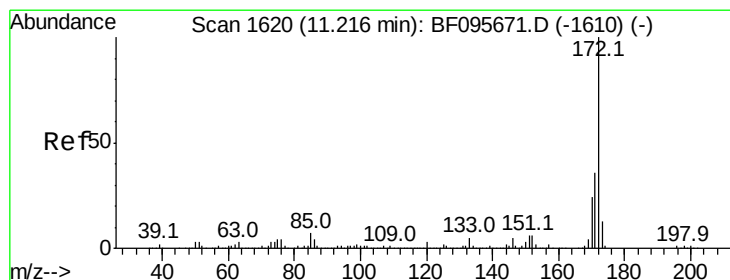
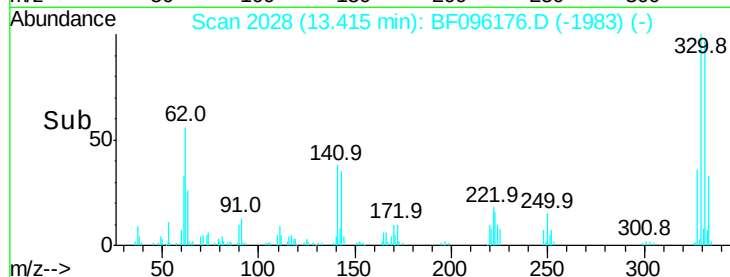
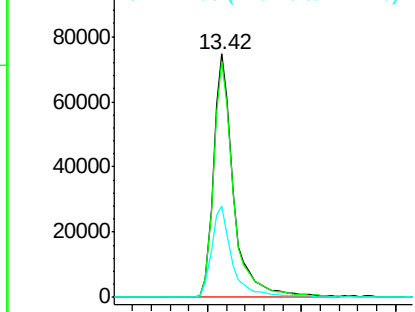
#41
 2,4,6-Tribromophenol
 Concen: 112.11 ng
 RT: 13.42 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF096176.D
 Acq: 24 Jun 2017 00:14

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001

Tot Ion:330 Resp: 112227
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 38.6 31.4 47.2

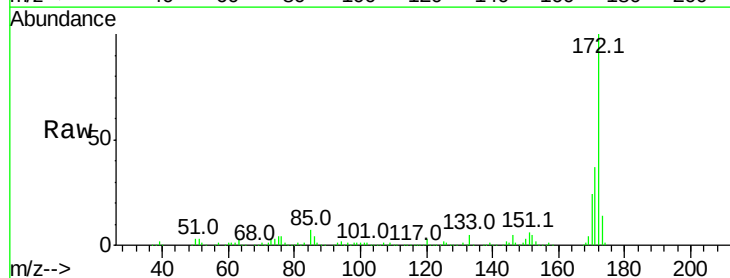


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

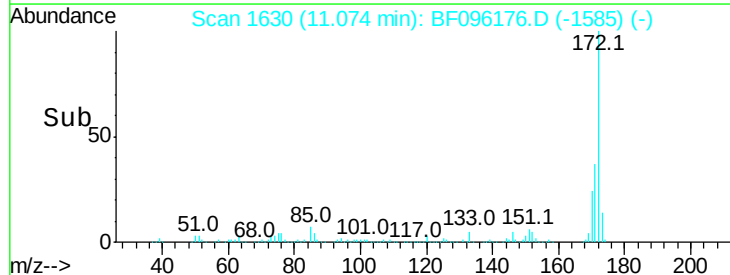
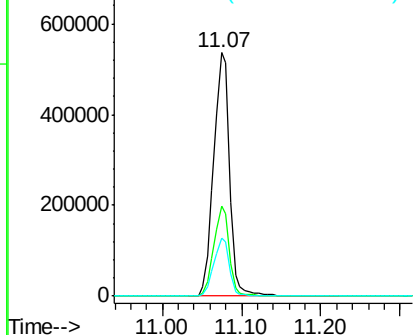


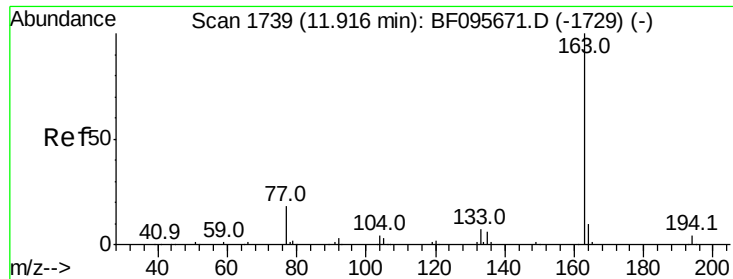
#44
 2-Fluorobiphenyl
 Concen: 92.55 ng
 RT: 11.07 min Scan# 1630
 Delta R.T. -0.04 min
 Lab File: BF096176.D
 Acq: 24 Jun 2017 00:14

Tgt Ion:172 Resp: 752476
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.7 19.8 29.8



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

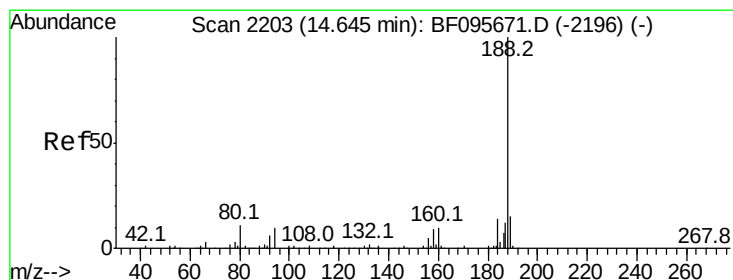
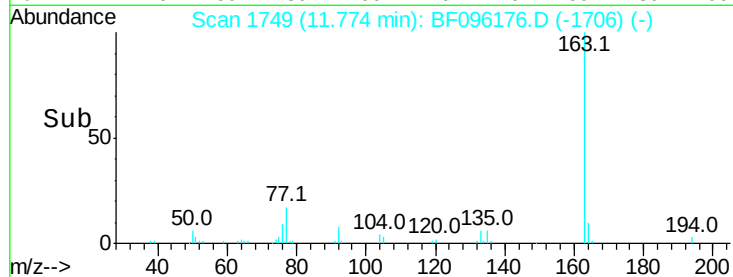
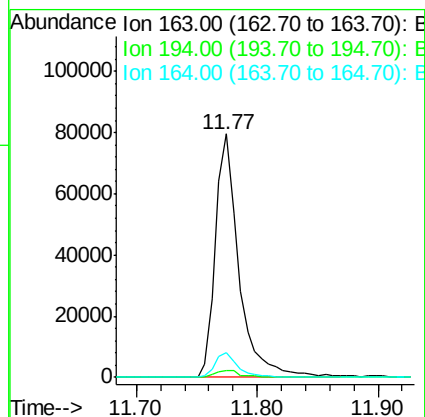
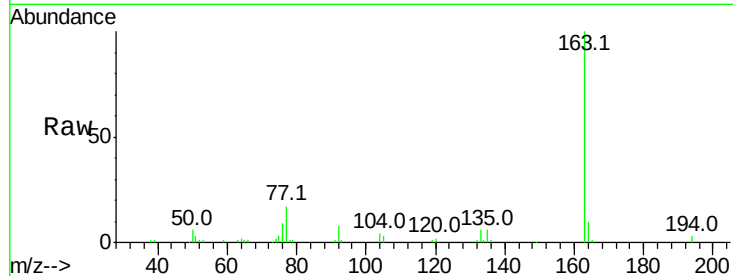




#49
Dimethylphthalate
Concen: 12.41 ng
RT: 11.77 min Scan# 1749
Delta R.T. -0.05 min
Lab File: BF096176.D
Acq: 24 Jun 2017 00:14

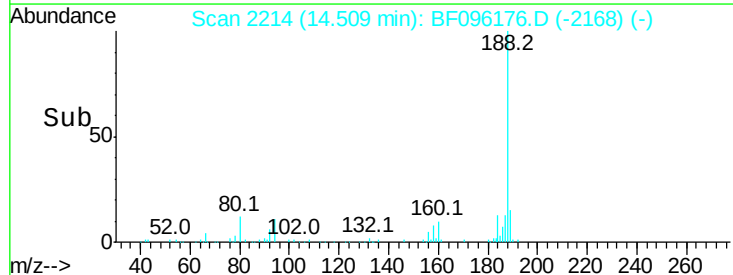
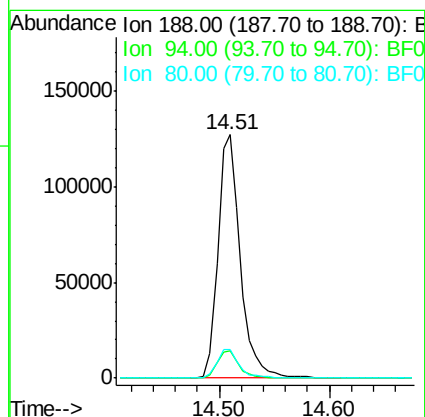
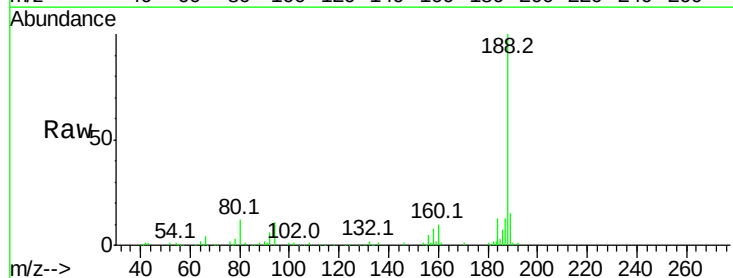
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001

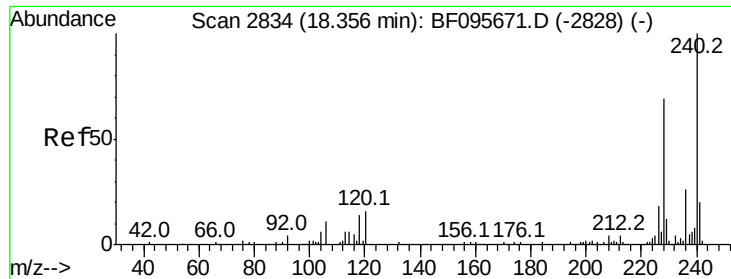
Tot Ion:163 Resp: 106643
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.3 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.51 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF096176.D
Acq: 24 Jun 2017 00:14

Tgt Ion:188 Resp: 178357
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 12.0 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.25 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF096176.D

Acq: 24 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001

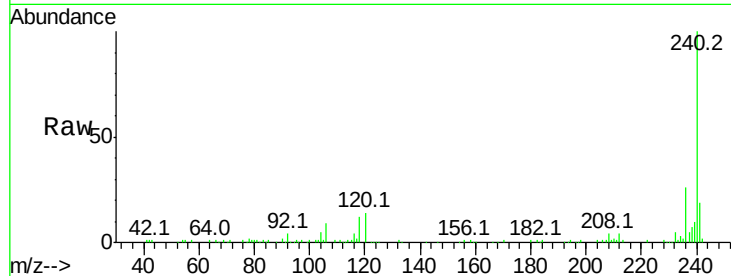
Tot Ion:240 Resp: 152708

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

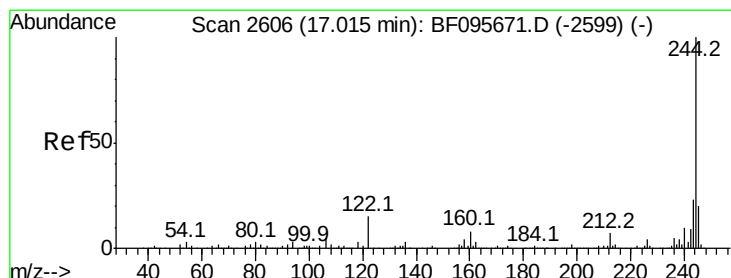
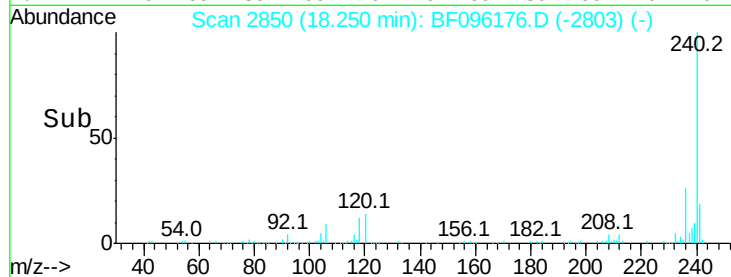
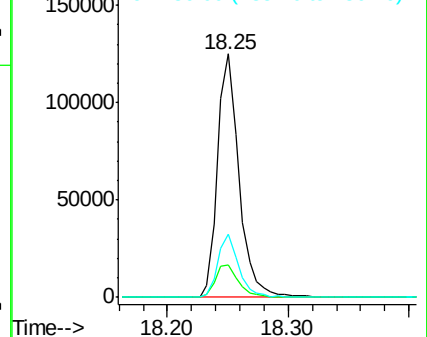
236 25.9 20.5 30.7



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: 79.99 ng

RT: 16.90 min Scan# 2620

Delta R.T. -0.03 min

Lab File: BF096176.D

Acq: 24 Jun 2017 00:14

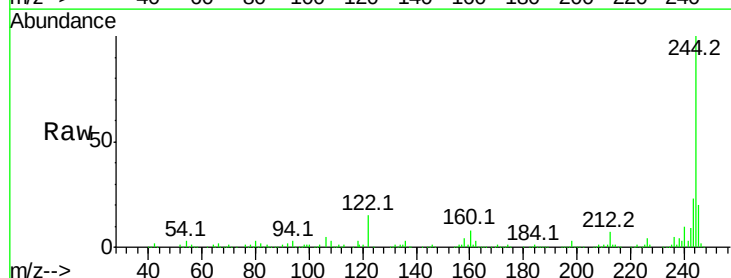
Tgt Ion:244 Resp: 492182

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

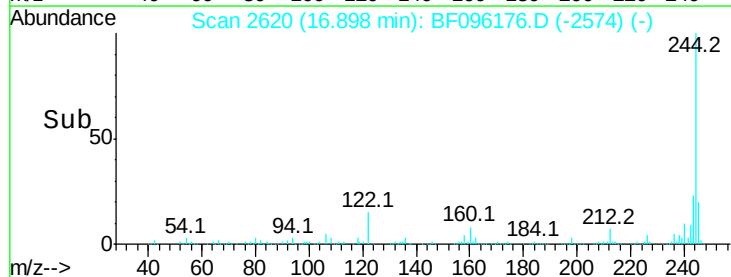
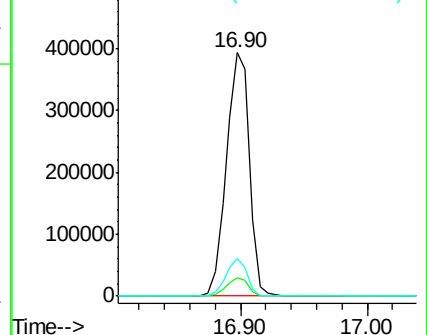
122 15.3 10.3 15.5

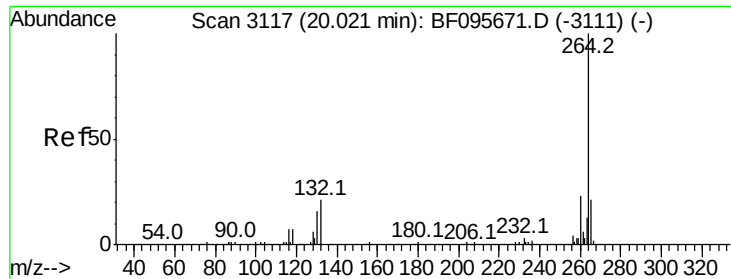


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.92 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BF096176.D
Acq: 24 Jun 2017 00:14

Instrument :
BNA_F
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Tot Ion: 264 Resp: 124632
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.9 17.2 25.8

