

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089883.D
 Acq On : 24 Aug 2016 19:07
 Operator : UM/SJ
 Sample : H4585-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-3-4-STONE-003

Quant Time: Aug 25 13:59:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

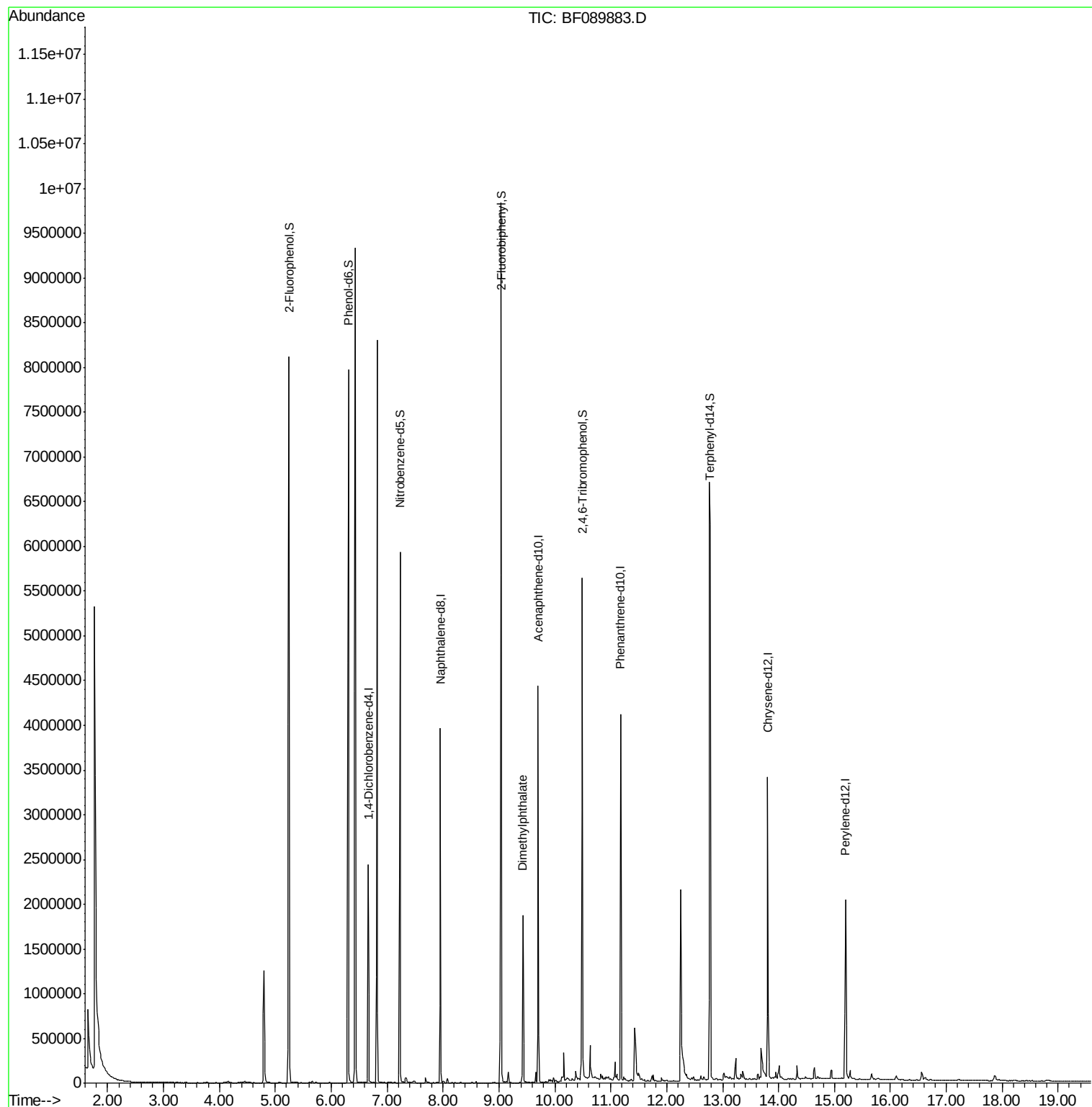
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	409204	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1748577	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	823082	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1424747	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	1117266	20.00	ng	-0.07
86) Perylene-d12	15.20	264	885076	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2661628	111.54	ng	-0.01
7) Phenol-d6	6.31	99	3615673	123.44	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2060238	73.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	815951	104.31	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3764929	80.39	ng	-0.01
78) Terphenyl-d14	12.78	244	3151630	63.82	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.43	163	758684	13.09	ng	Qvalue 99

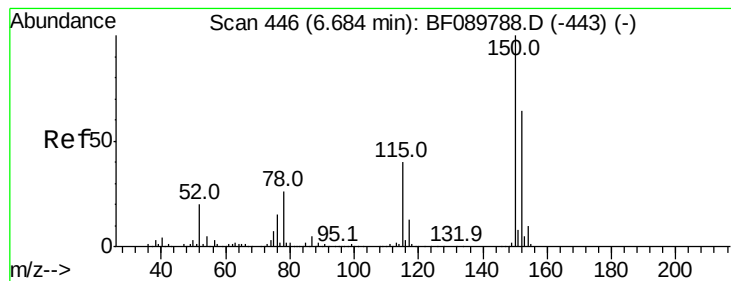
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-3-4-STONE-003

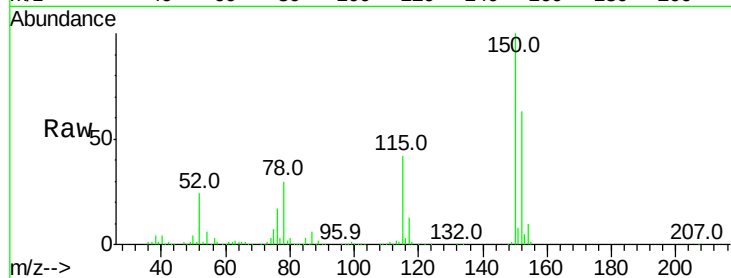
Tot Ion:152 Resp: 409204

Ion Ratio Lower Upper

152 100

150 158.6 125.3 187.9

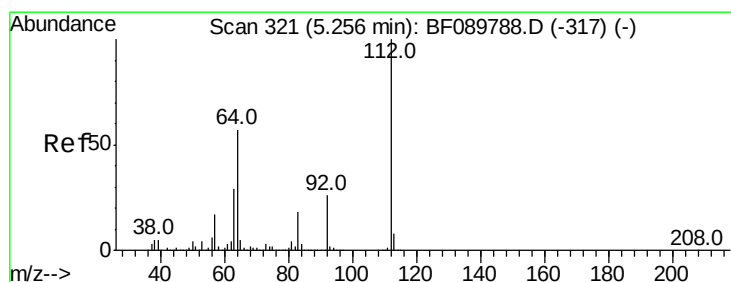
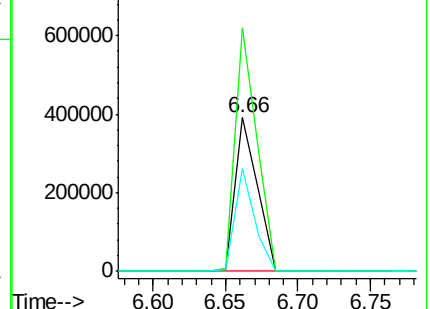
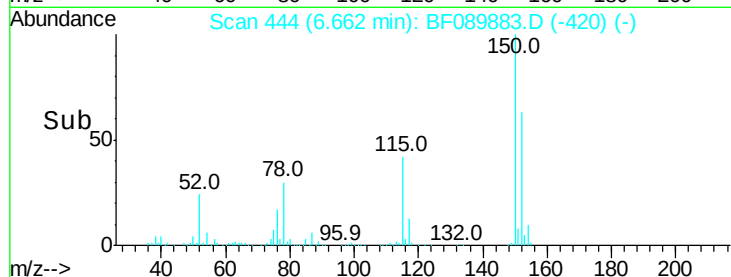
115 66.6 40.9 61.3#



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: 111.54 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

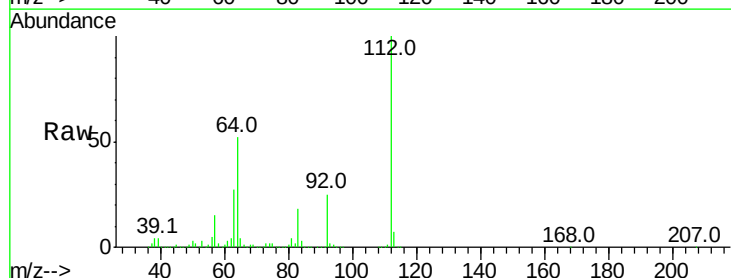
Tgt Ion:112 Resp: 2661628

Ion Ratio Lower Upper

112 100

64 52.5 45.0 67.4

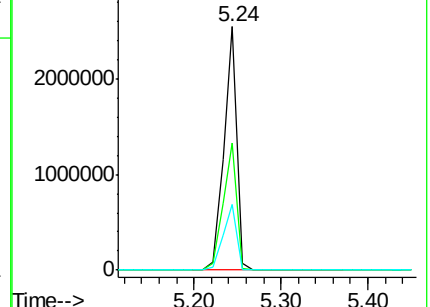
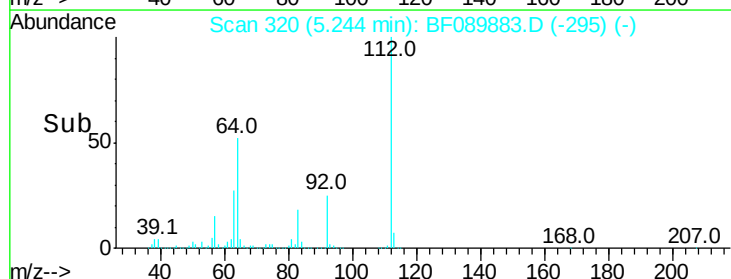
63 27.0 23.1 34.7

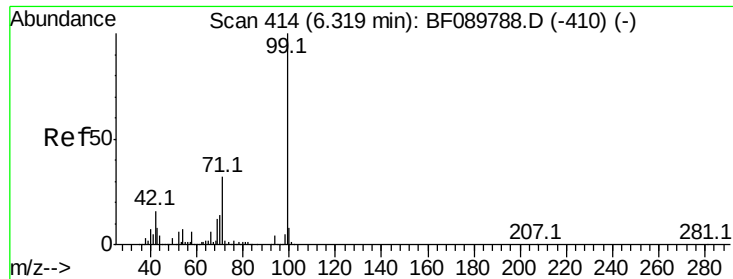


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.44 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-3-4-STONE-003

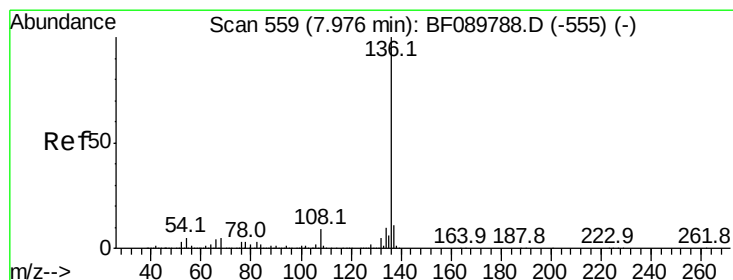
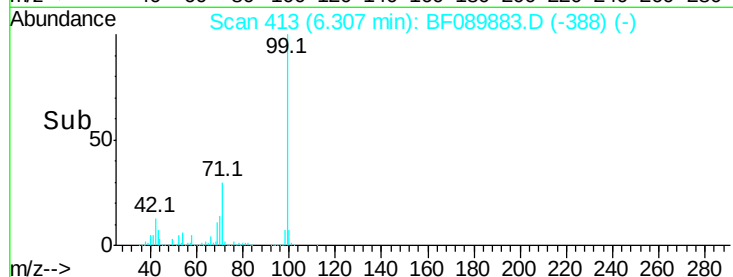
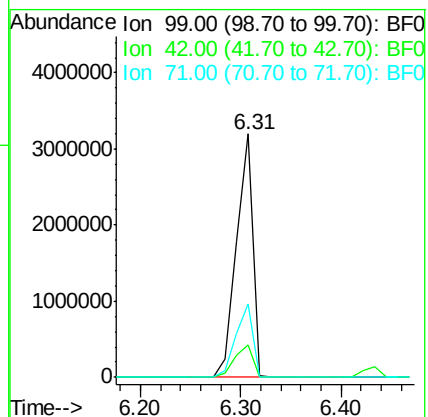
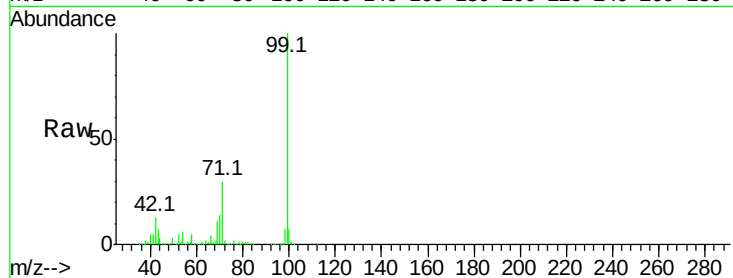
Tot Ion: 99 Resp: 3615673

Ion Ratio Lower Upper

99 100

42 13.2 12.2 18.4

71 29.9 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

Tgt Ion: 136 Resp: 1748577

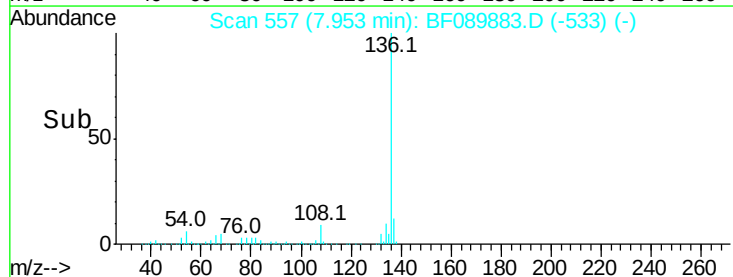
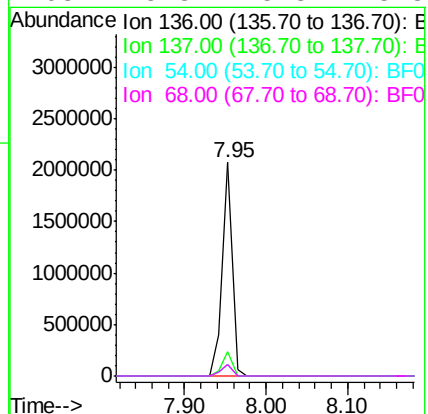
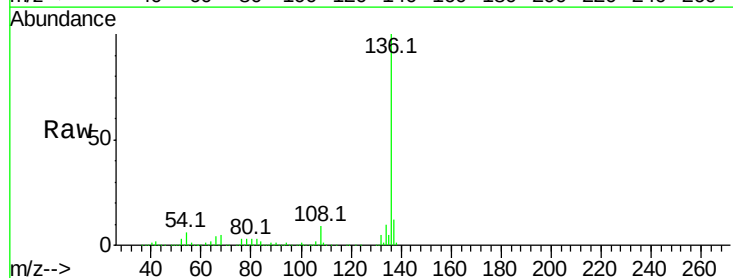
Ion Ratio Lower Upper

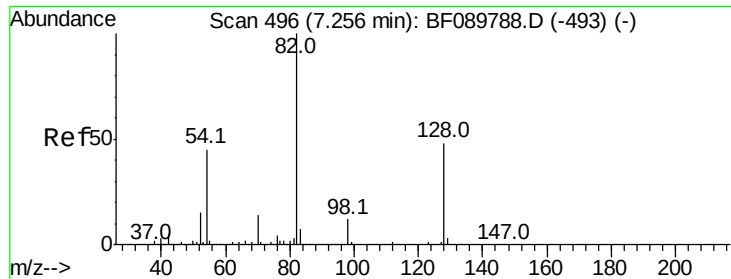
136 100

137 11.6 9.2 13.8

54 5.7 7.2 10.8#

68 5.3 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 73.20 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-3-4-STONE-003

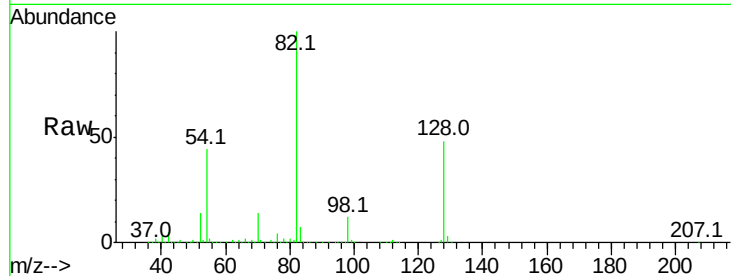
Tot Ion: 82 Resp: 2060238

Ion Ratio Lower Upper

82 100

128 48.3 34.4 51.6

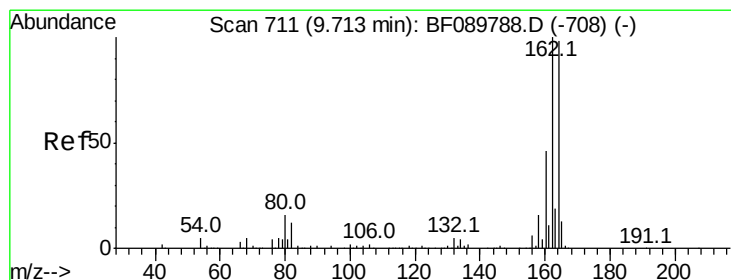
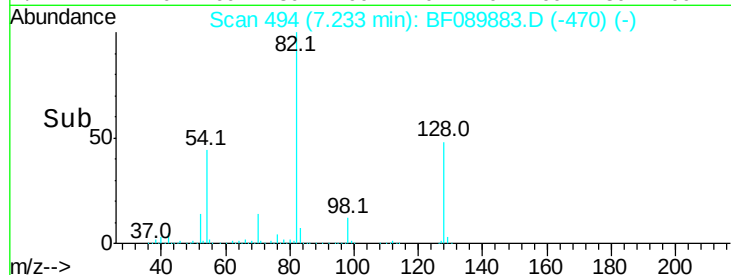
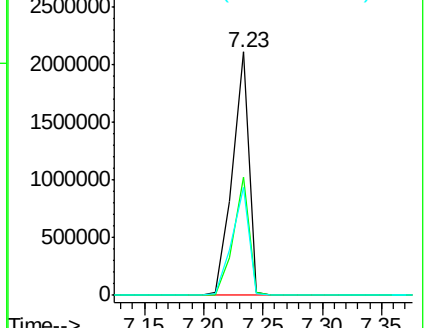
54 44.2 40.3 60.5



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: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

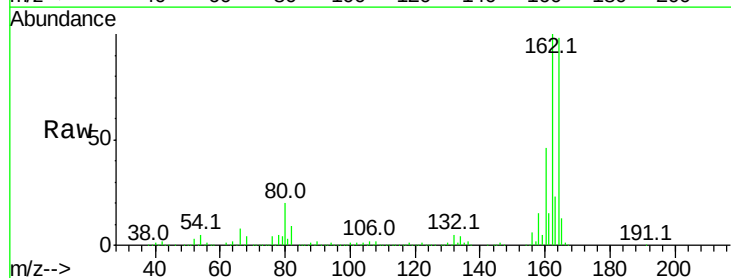
Tgt Ion:164 Resp: 823082

Ion Ratio Lower Upper

164 100

162 102.1 81.4 122.2

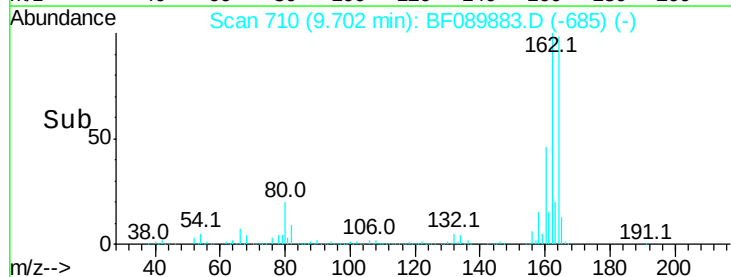
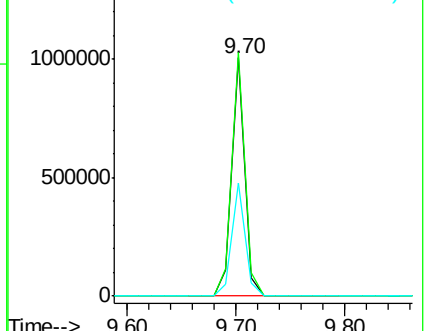
160 47.4 37.8 56.6

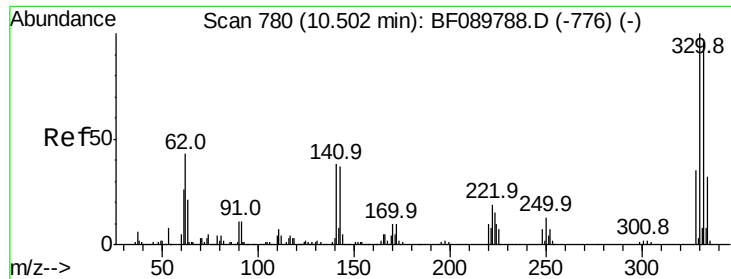


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

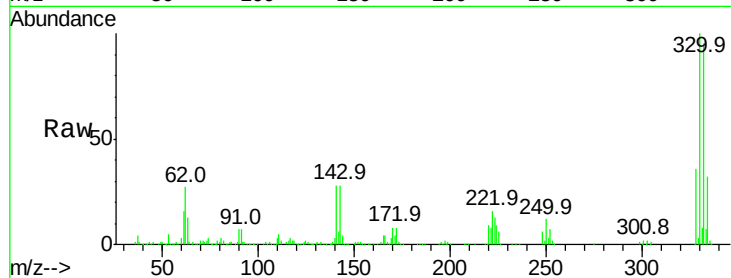




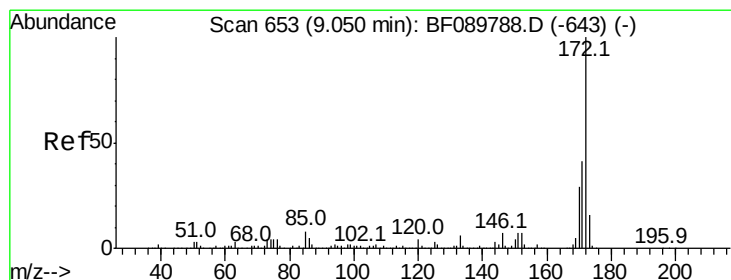
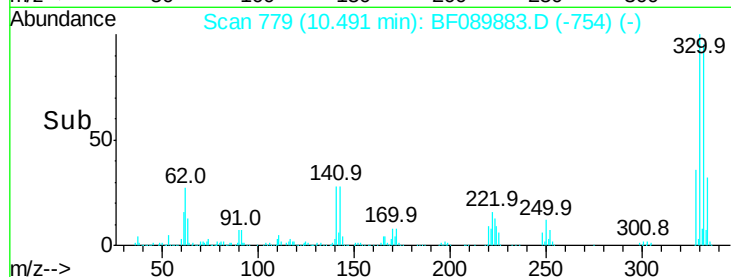
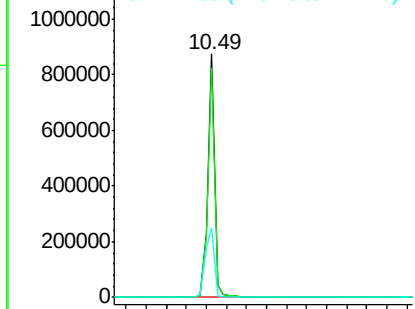
#41
 2,4,6-Tribromophenol
 Concen: 104.31 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089883.D
 Acq: 24 Aug 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-3-4-STONE-003

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.7	115.1
141	38.1	30.2	45.2

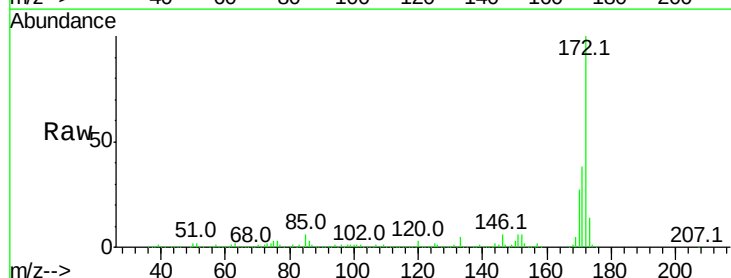


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

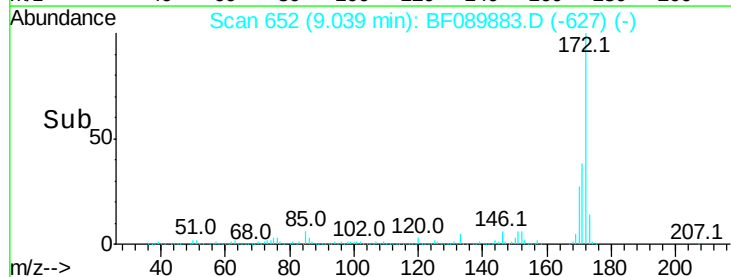
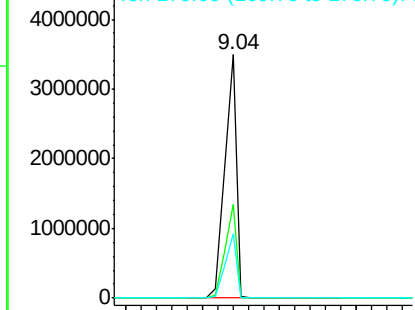


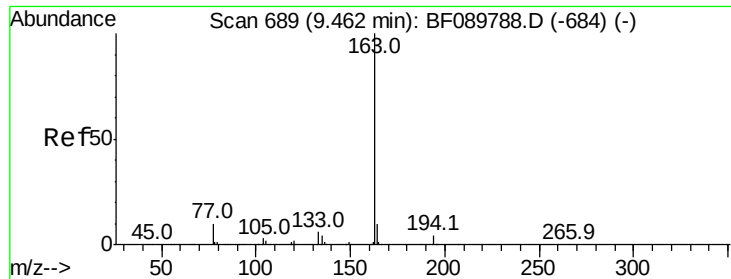
#44
 2-Fluorobiphenyl
 Concen: 80.39 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089883.D
 Acq: 24 Aug 2016 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	26.5	20.6	31.0



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

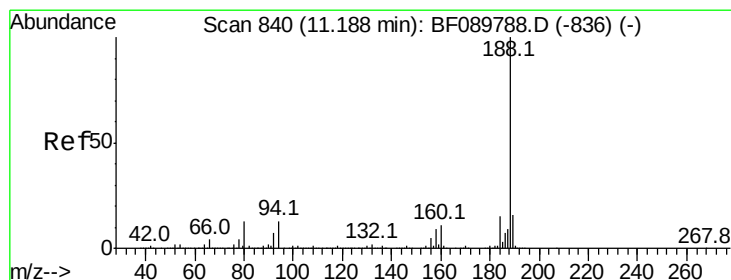
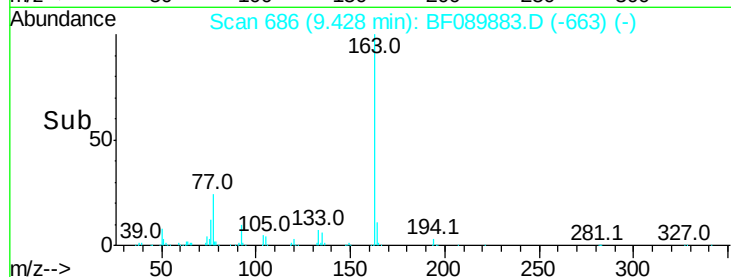
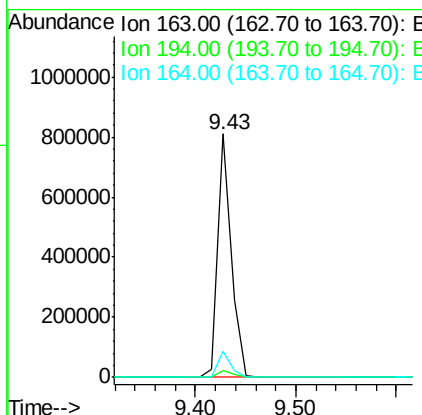
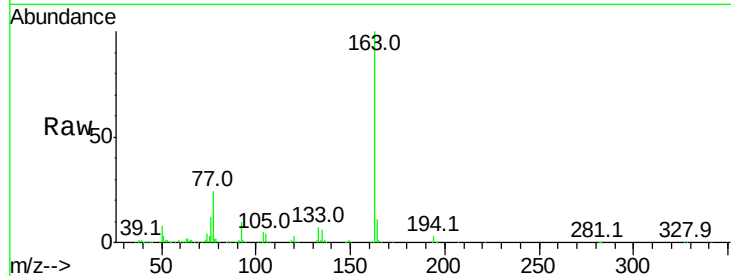




#49
Dimethylphthalate
Concen: 13.09 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF089883.D
Acq: 24 Aug 2016 19:07

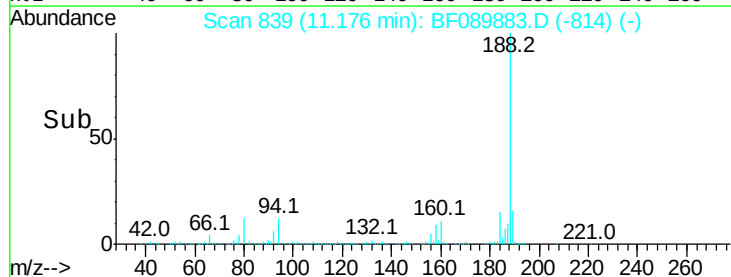
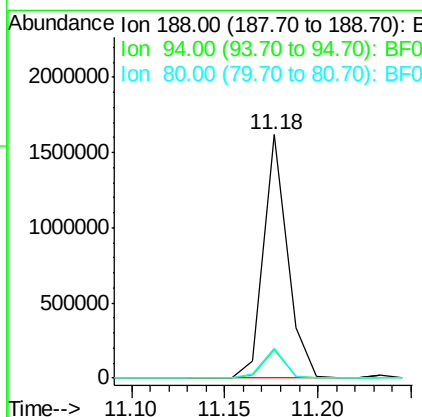
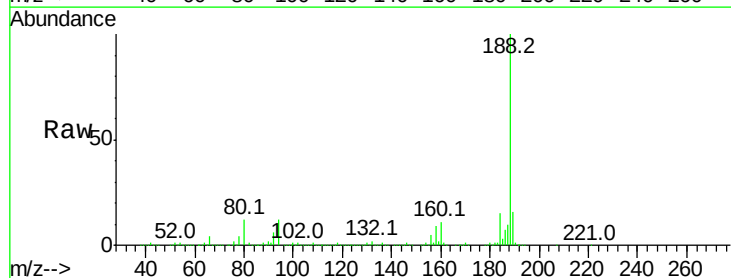
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-3-4-STONE-003

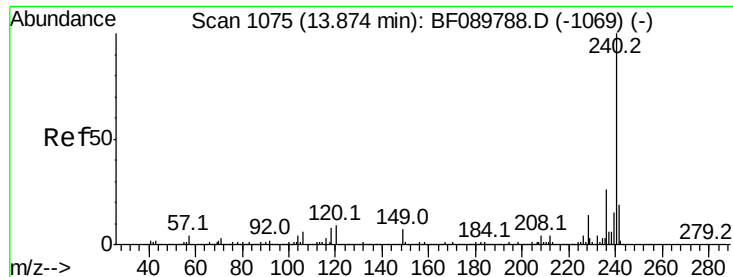
Tot Ion:163 Resp: 758684
Ion Ratio Lower Upper
163 100
194 2.8 2.6 3.8
164 10.5 8.6 12.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089883.D
Acq: 24 Aug 2016 19:07

Tgt Ion:188 Resp: 1424747
Ion Ratio Lower Upper
188 100
94 11.9 10.2 15.2
80 12.4 10.9 16.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.07 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-3-4-STONE-003

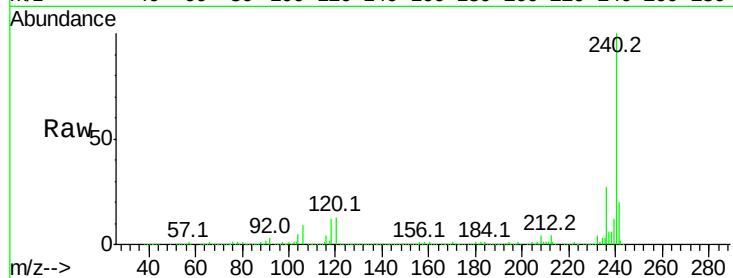
Tot Ion:240 Resp: 1117266

Ion Ratio Lower Upper

240 100

120 13.4 8.3 12.5#

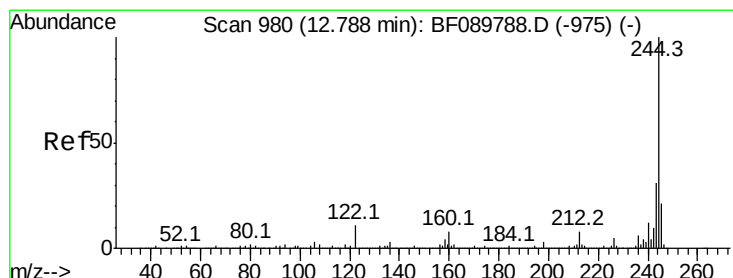
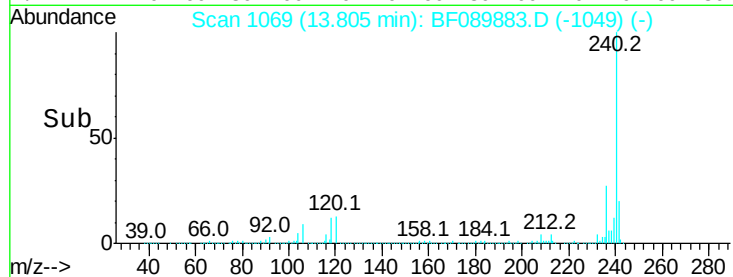
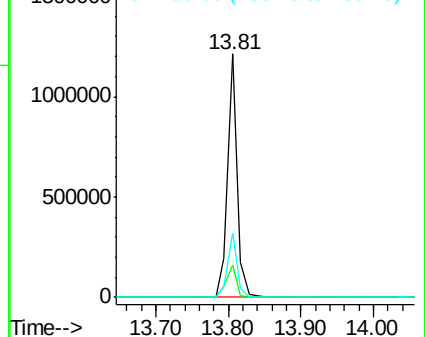
236 26.5 21.3 31.9



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: 63.82 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

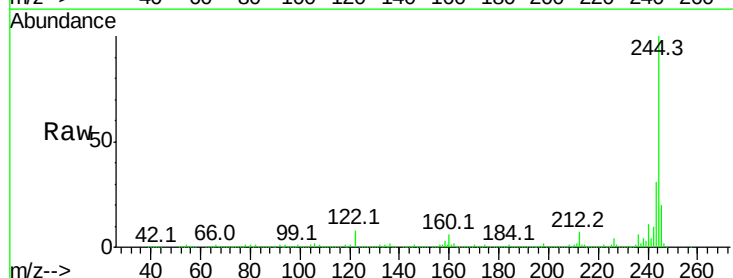
Tgt Ion:244 Resp: 3151630

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

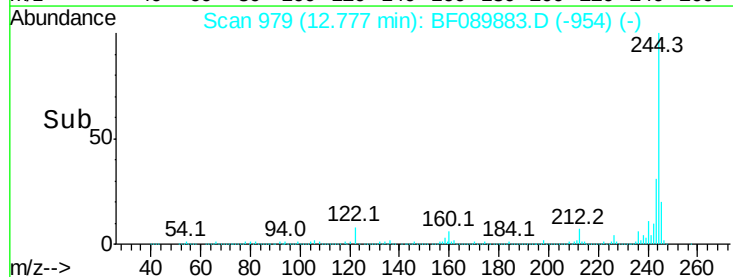
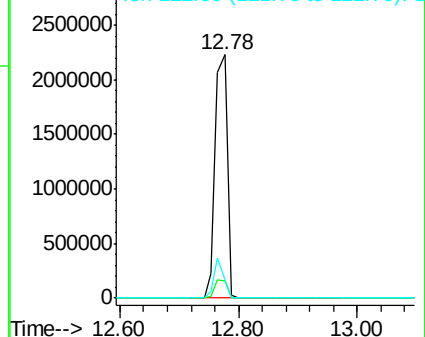
122 7.8 12.0 18.0#

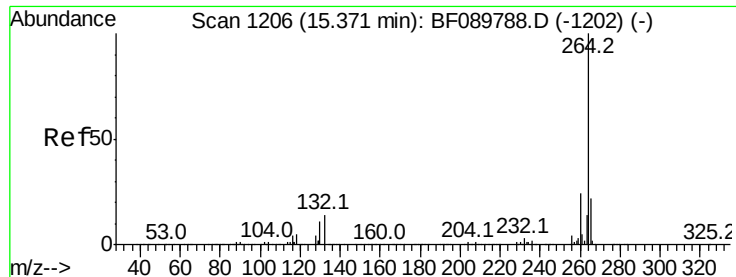


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.20 min Scan# 1191
Delta R.T. -0.17 min
Lab File: BF089883.D
Acq: 24 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-3-4-STONE-003

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.2	30.2
265	22.1	17.4	26.2

