

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088210.D
 Acq On : 21 Jun 2016 10:25
 Operator : UM/SJ
 Sample : H3595-01RE
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-06142016RE

Quant Time: Jun 21 13:03:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

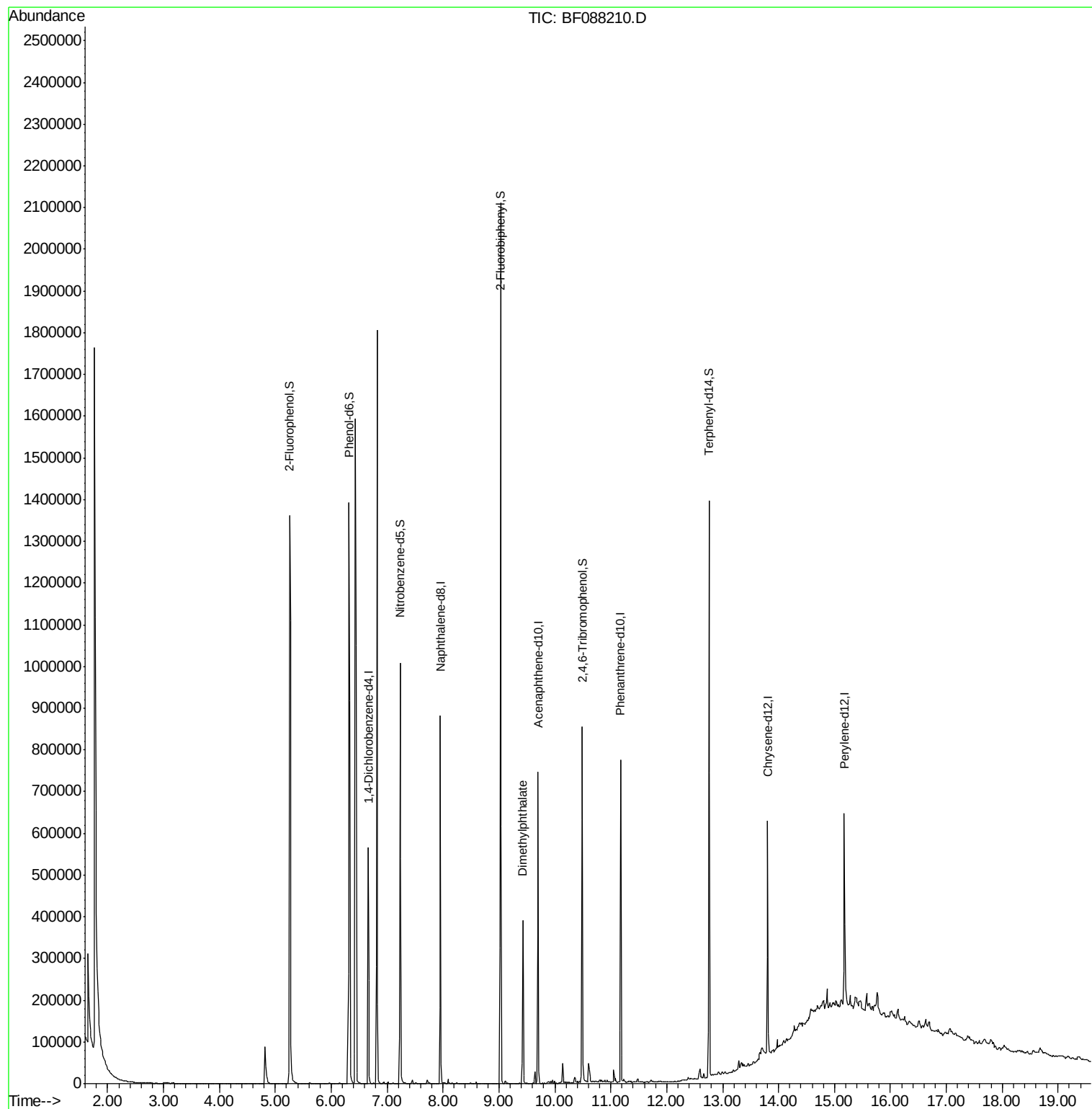
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	100586	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	403530	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	169535	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	269394	20.00	ng	0.00
75) Chrysene-d12	13.81	240	203635	20.00	ng	0.00
86) Perylene-d12	15.18	264	194953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	595267	101.17	ng	0.00
7) Phenol-d6	6.32	99	726229	101.85	ng	-0.01
23) Nitrobenzene-d5	7.23	82	413963	59.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	143347	80.08	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	741732	67.60	ng	-0.01
78) Terphenyl-d14	12.75	244	509248	56.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.43	163	157573	12.83	ng	Qvalue 99

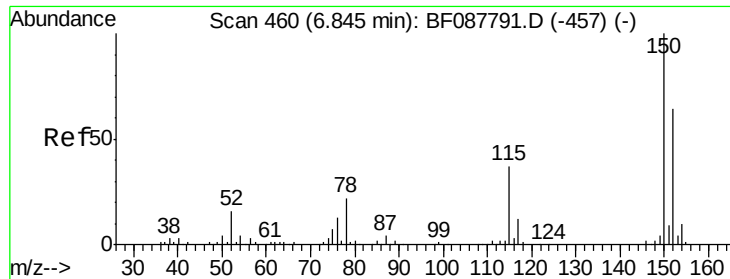
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088210.D

Acq: 21 Jun 2016 10:25

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-06142016RE

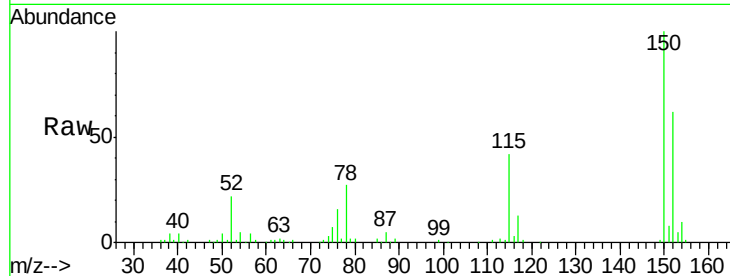
Tot Ion:152 Resp: 100586

Ion Ratio Lower Upper

152 100

150 160.8 123.8 185.6

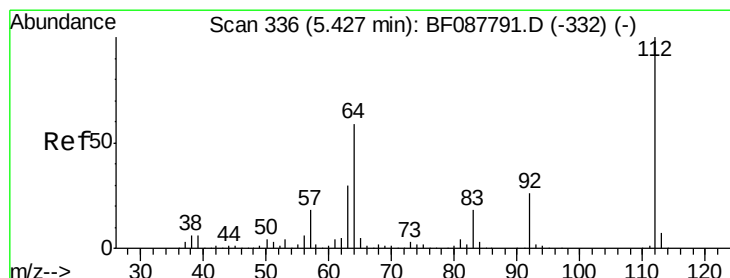
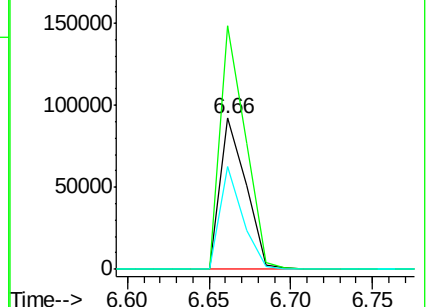
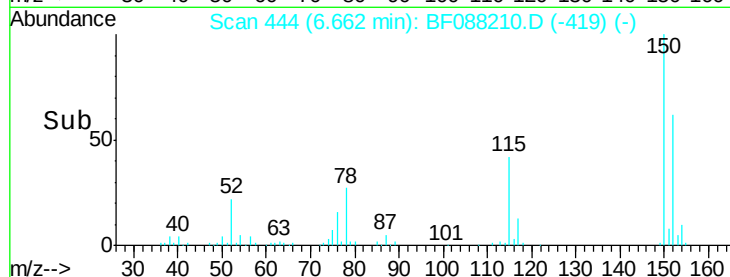
115 68.1 39.6 59.4#



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: 101.17 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.00 min

Lab File: BF088210.D

Acq: 21 Jun 2016 10:25

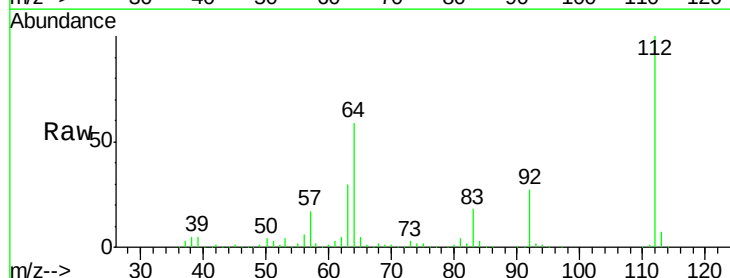
Tgt Ion:112 Resp: 595267

Ion Ratio Lower Upper

112 100

64 58.8 42.2 63.2

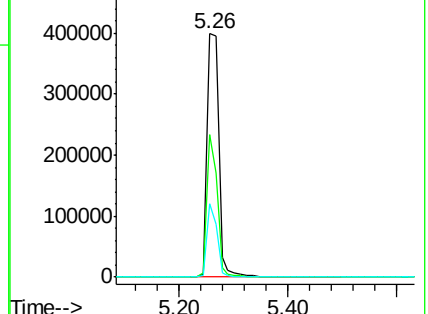
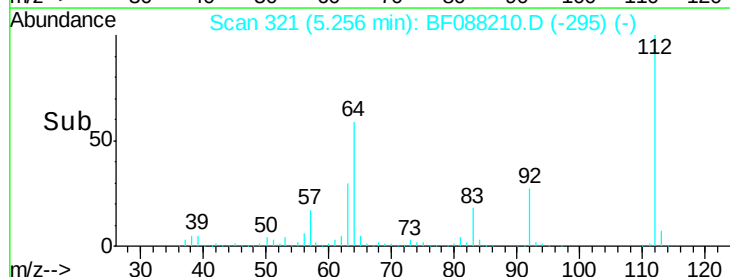
63 30.2 21.8 32.8

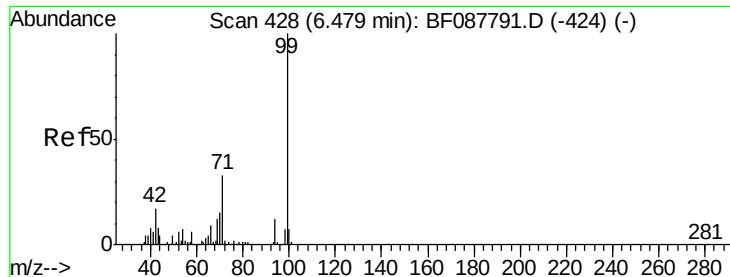


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.85 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088210.D

Acq: 21 Jun 2016 10:25

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-06142016RE

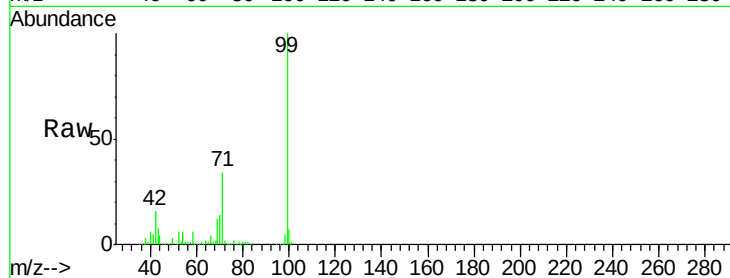
Tot Ion: 99 Resp: 726229

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

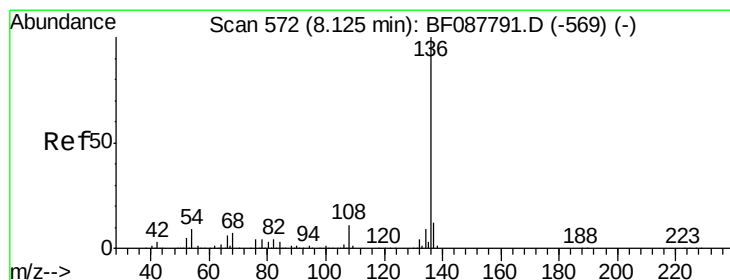
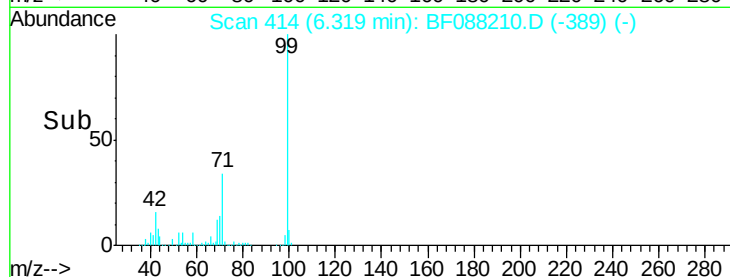
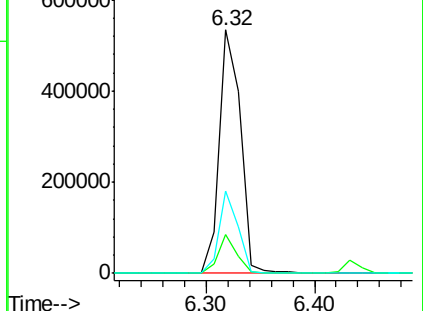
71 33.8 23.4 35.0



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: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088210.D

Acq: 21 Jun 2016 10:25

Tgt Ion: 136 Resp: 403530

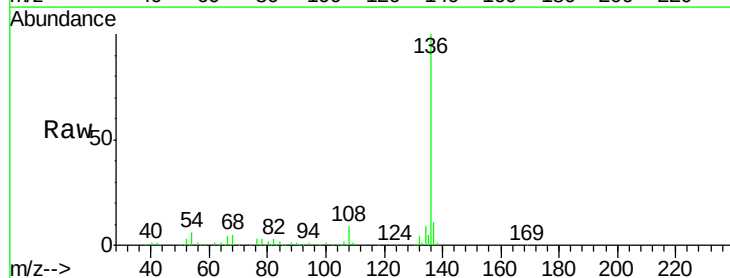
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.0 6.6 10.0#

68 5.1 5.1 7.7#

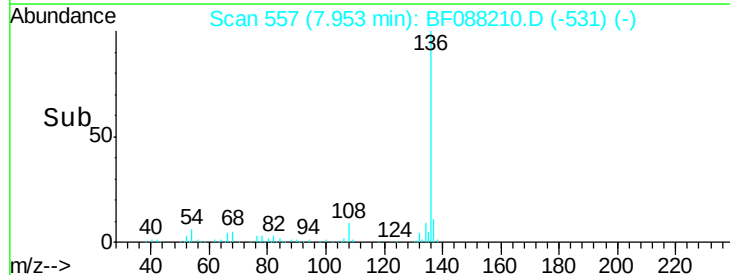
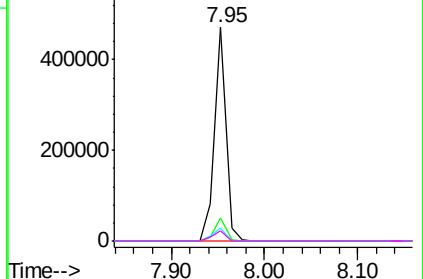


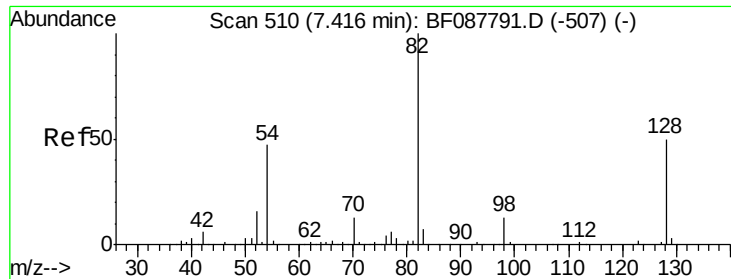
Abundance Ion 136.00 (135.70 to 136.70): E

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

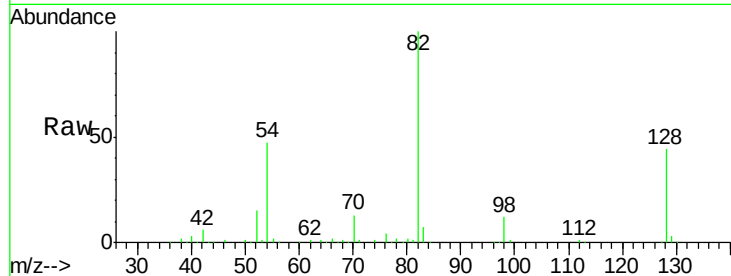




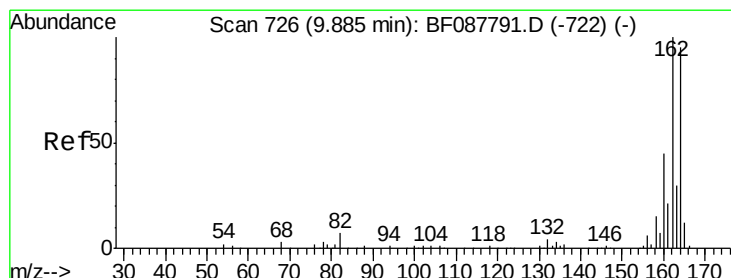
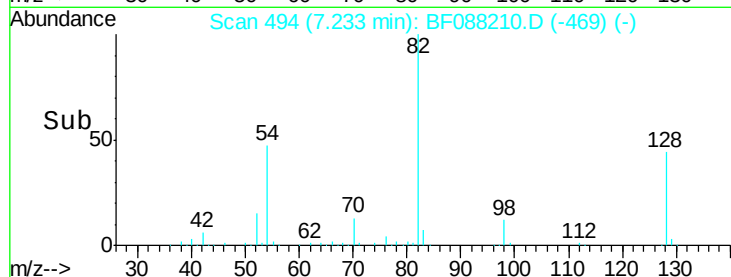
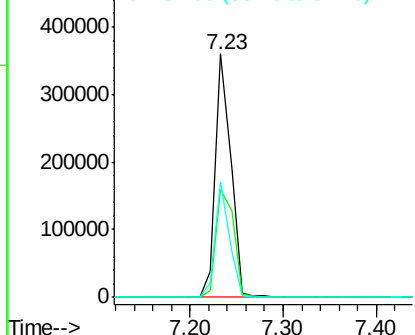
#23
 Nitrobenzene-d5
 Concen: 59.90 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088210.D
 Acq: 21 Jun 2016 10:25

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-06142016RE

Tot Ion: 82 Resp: 413963
 Ion Ratio Lower Upper
 82 100
 128 44.4 35.9 53.9
 54 47.5 40.9 61.3

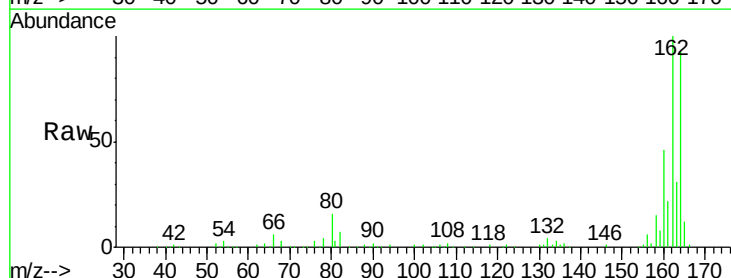


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

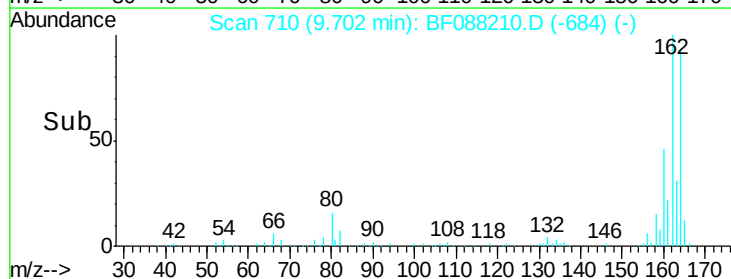
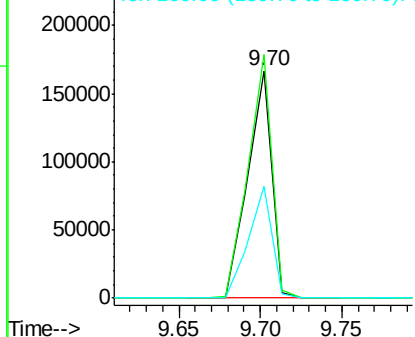


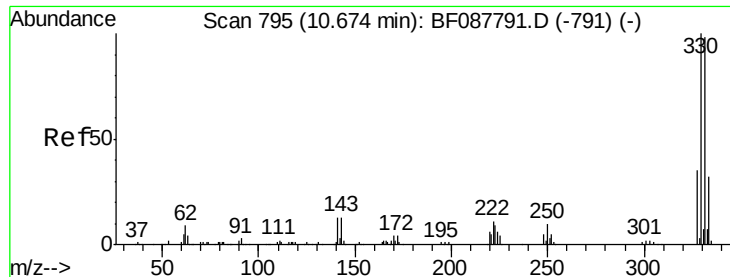
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088210.D
 Acq: 21 Jun 2016 10:25

Tgt Ion:164 Resp: 169535
 Ion Ratio Lower Upper
 164 100
 162 107.1 85.4 128.2
 160 49.1 39.5 59.3



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

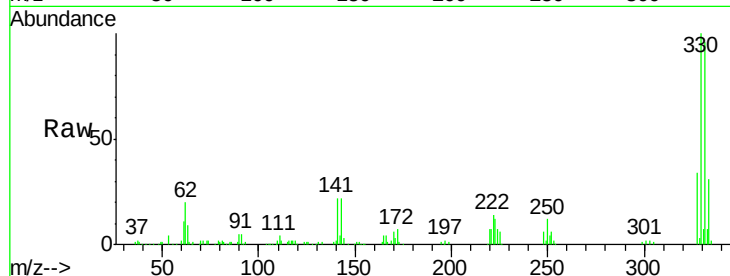




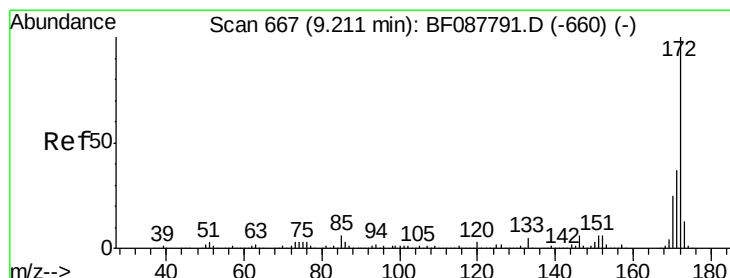
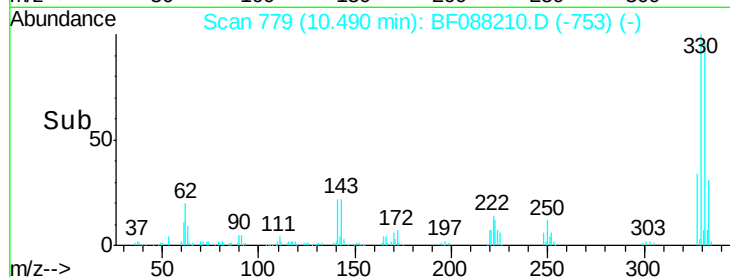
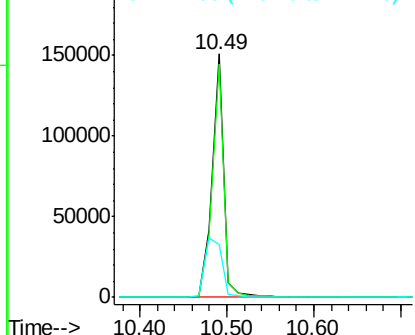
#41
 2,4,6-Tribromophenol
 Concen: 80.08 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088210.D
 Acq: 21 Jun 2016 10:25

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-06142016RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	35.6	0.0	0.0#

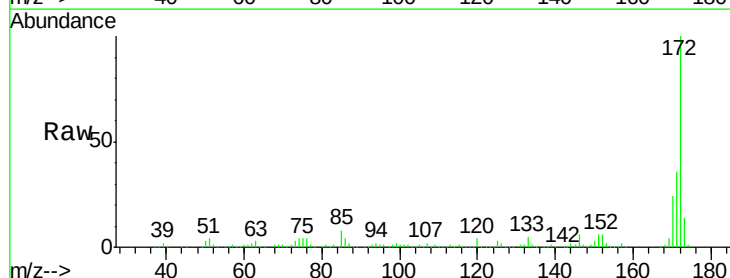


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

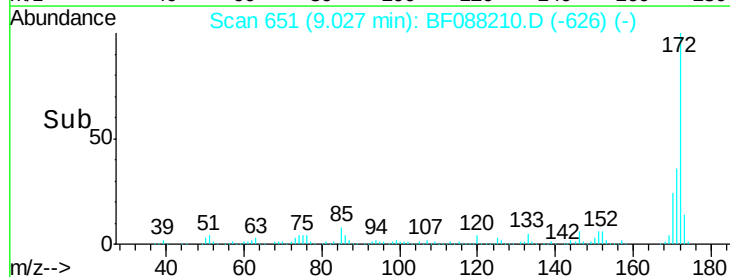
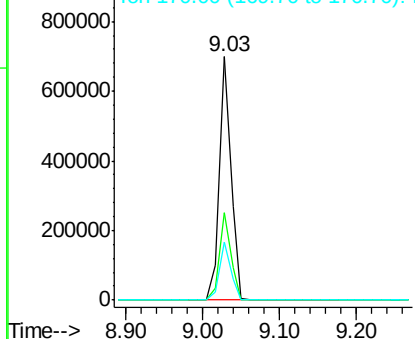


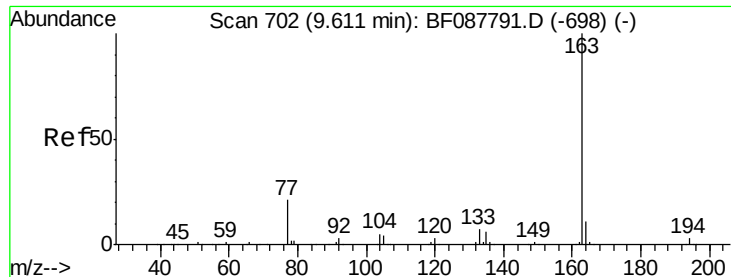
#44
 2-Fluorobiphenyl
 Concen: 67.60 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088210.D
 Acq: 21 Jun 2016 10:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.7	19.2	28.8



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: 12.83 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF088210.D

Acq: 21 Jun 2016 10:25

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-06142016RE

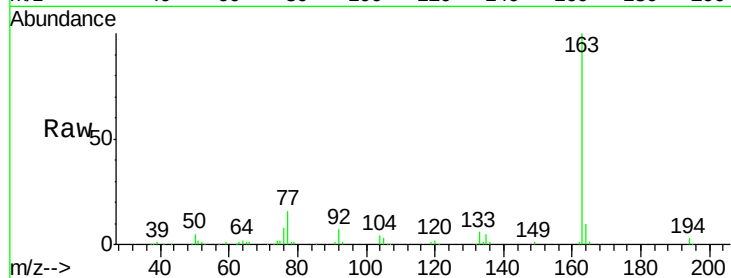
Tot Ion:163 Resp: 157573

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

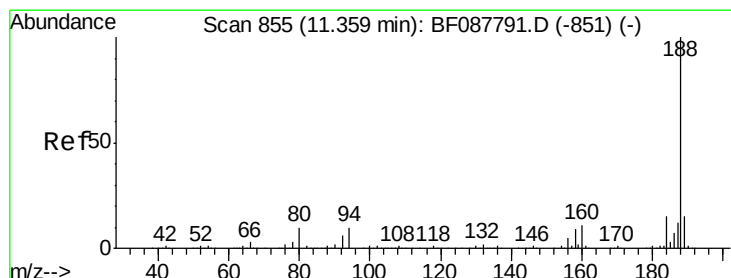
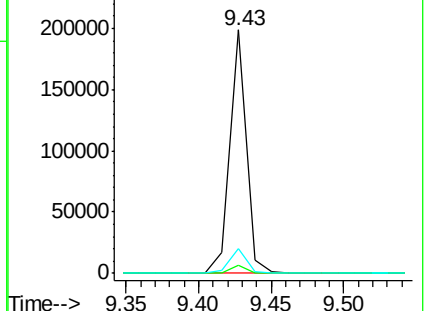
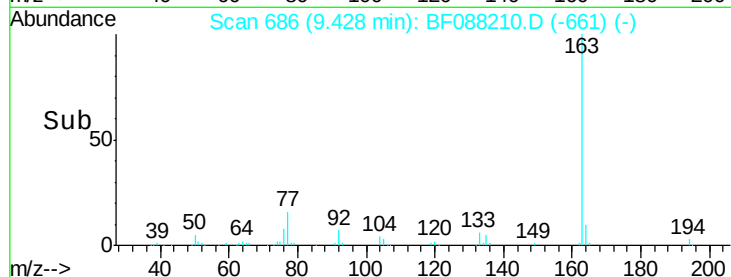
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF088210.D

Acq: 21 Jun 2016 10:25

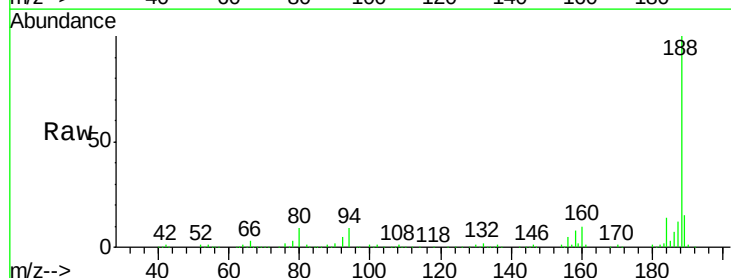
Tgt Ion:188 Resp: 269394

Ion Ratio Lower Upper

188 100

94 9.2 9.0 13.6

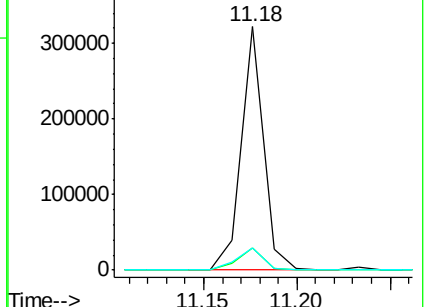
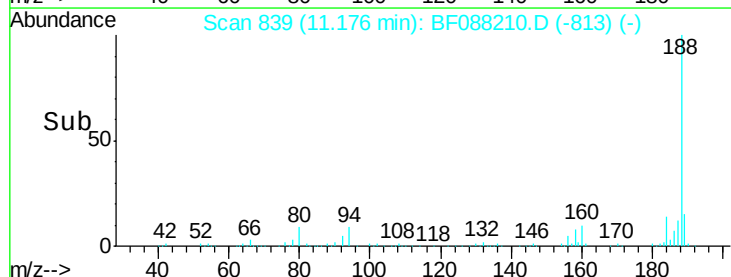
80 9.4 10.0 15.0#

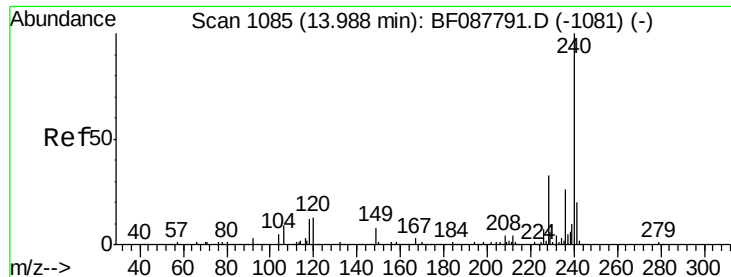


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

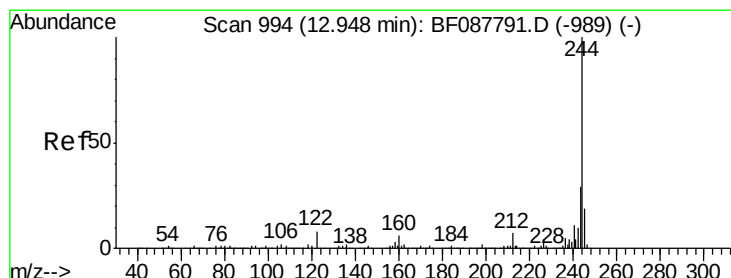
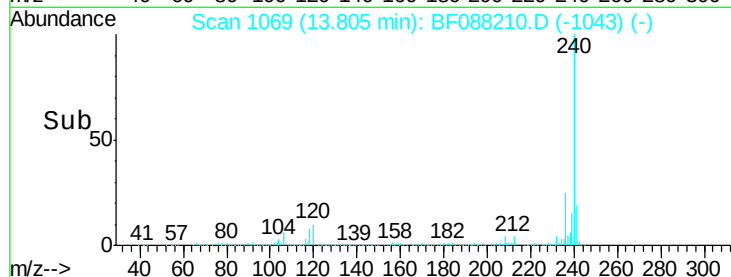
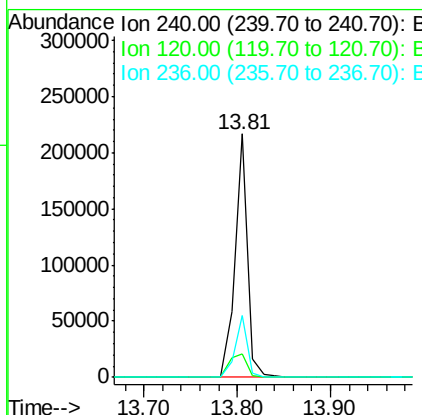
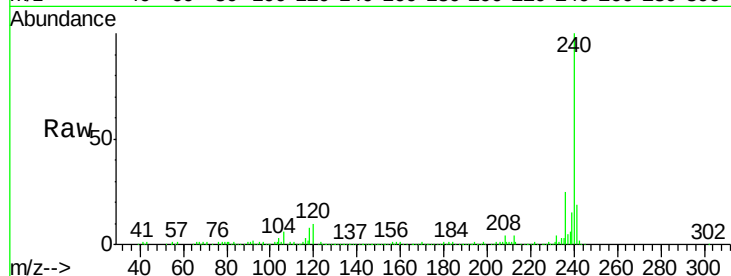




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF088210.D
 Acq: 21 Jun 2016 10:25

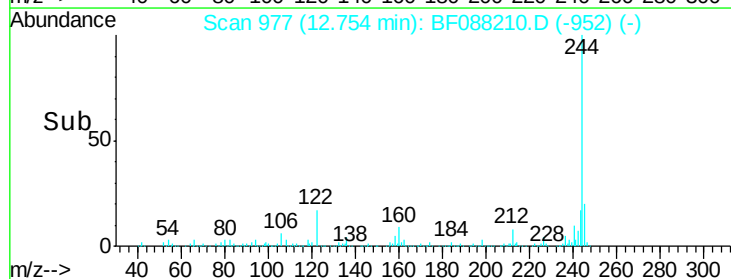
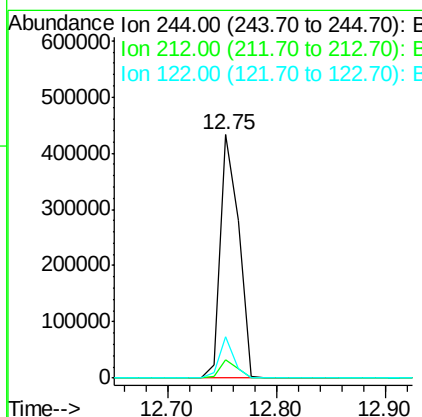
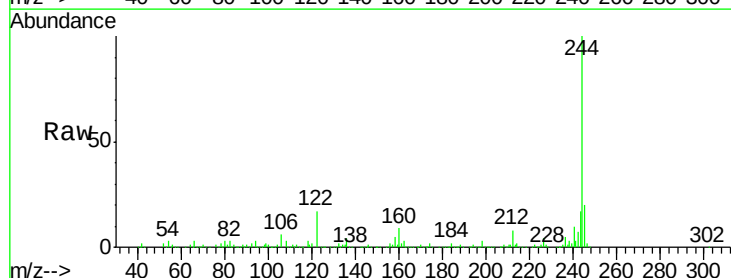
Instrument :
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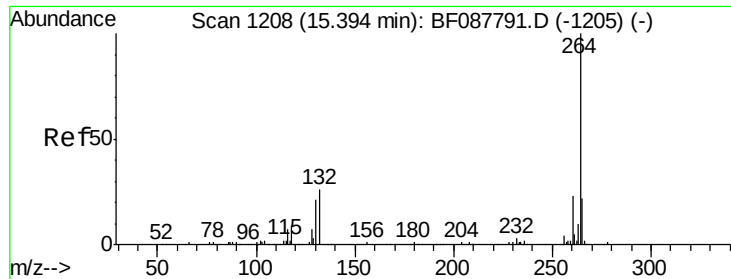
Tot Ion:240 Resp: 203635
 Ion Ratio Lower Upper
 240 100
 120 9.9 6.8 10.2
 236 25.4 20.2 30.2



#78
 Terphenyl-d14
 Concen: 56.91 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088210.D
 Acq: 21 Jun 2016 10:25

Tgt Ion:244 Resp: 509248
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 17.0 11.2 16.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088210.D
Acq: 21 Jun 2016 10:25

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-06142016RE

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.5	19.2	28.8	
265	21.1	16.9	25.3	

