

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
 Data File : BF088518.D
 Acq On : 30 Jun 2016 4:18
 Operator : UM/SJ
 Sample : H3829-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-014

Quant Time: Jun 30 05:57:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 02:07:38 2016
 Response via : Initial Calibration

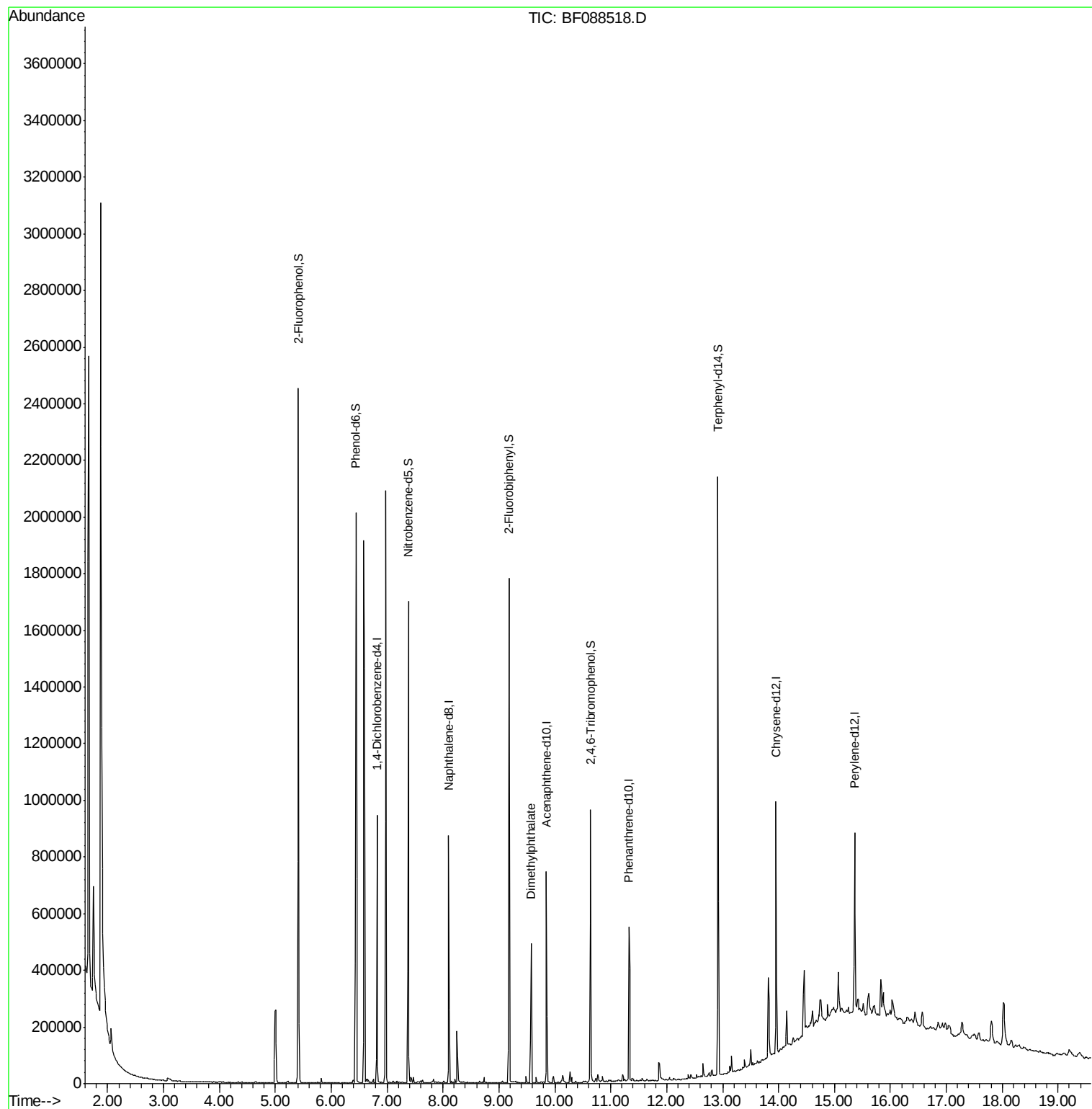
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	118653	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	377133	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	140492	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	253203	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	281545	20.00	ng	-0.01
86) Perylene-d12	15.36	264	289906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	659349	86.05	ng	0.00
7) Phenol-d6	6.44	99	804715	82.13	ng	-0.01
23) Nitrobenzene-d5	7.38	82	520433	72.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	126950	117.86	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	763542	87.97	ng	-0.01
78) Terphenyl-d14	12.91	244	628036	41.72	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	202072	19.45	ng	98

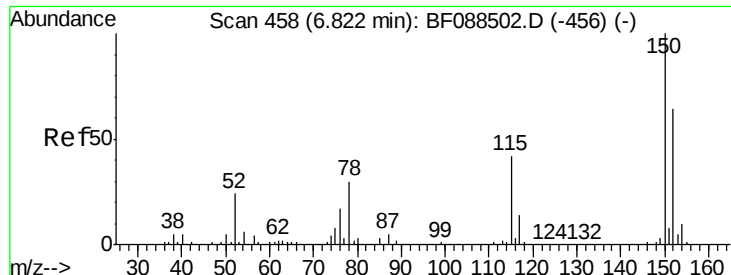
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF088518.D

Acq: 30 Jun 2016 4:18

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-014

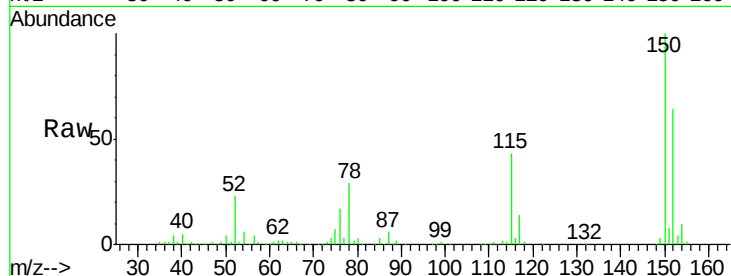
Tot Ion:152 Resp: 118653

Ion Ratio Lower Upper

152 100

150 155.4 124.5 186.7

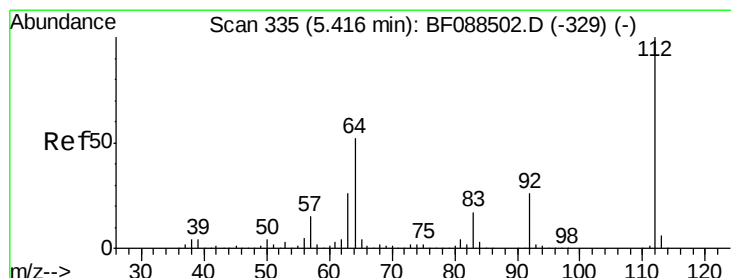
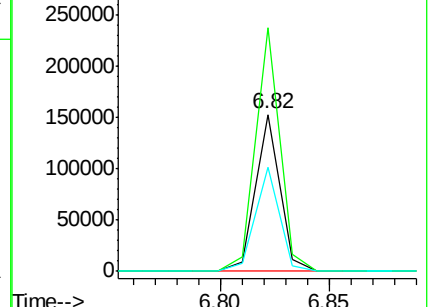
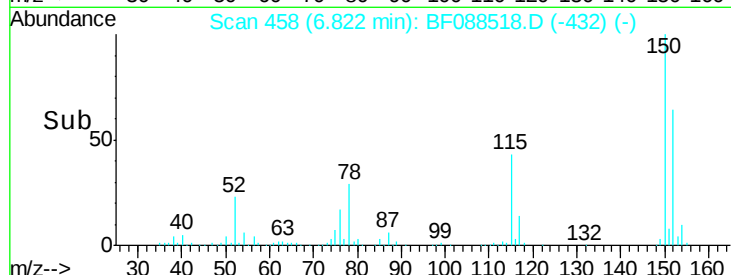
115 66.1 52.3 78.5



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: 86.05 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF088518.D

Acq: 30 Jun 2016 4:18

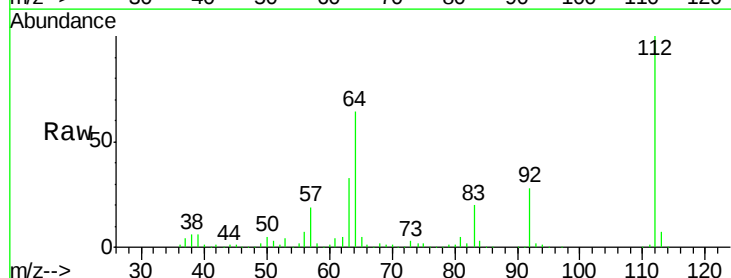
Tgt Ion:112 Resp: 659349

Ion Ratio Lower Upper

112 100

64 64.4 41.5 62.3#

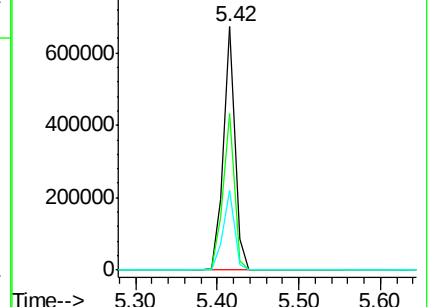
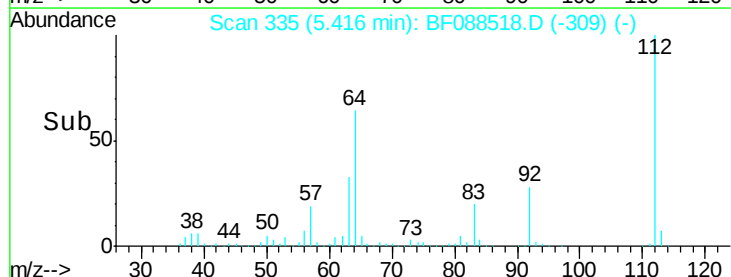
63 32.7 20.6 31.0#

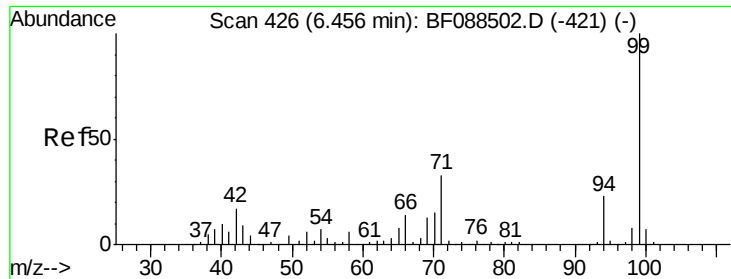


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.13 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF088518.D

Acq: 30 Jun 2016 4:18

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-014

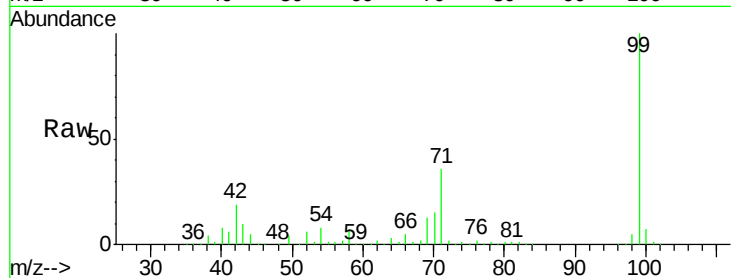
Tot Ion: 99 Resp: 804715

Ion Ratio Lower Upper

99 100

42 19.5 13.4 20.0

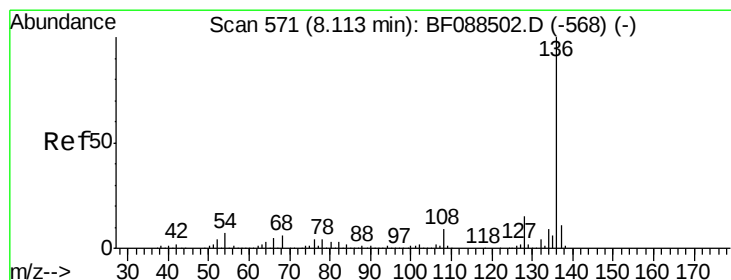
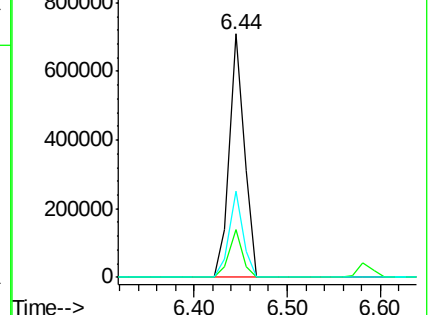
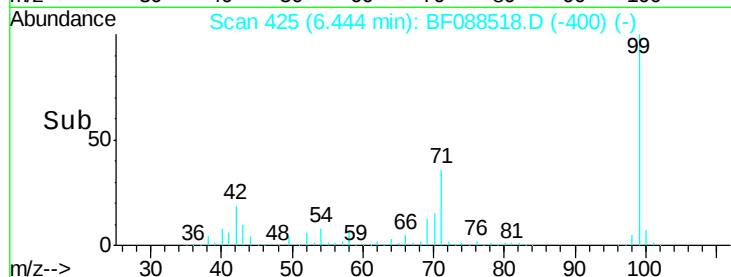
71 35.6 26.1 39.1



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: 8.10 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF088518.D

Acq: 30 Jun 2016 4:18

Tgt Ion: 136 Resp: 377133

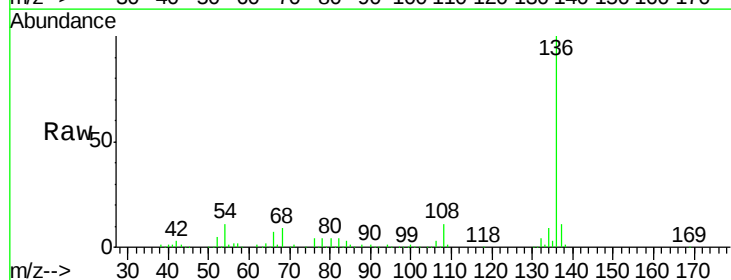
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.5 5.4 8.2#

68 8.6 4.9 7.3#

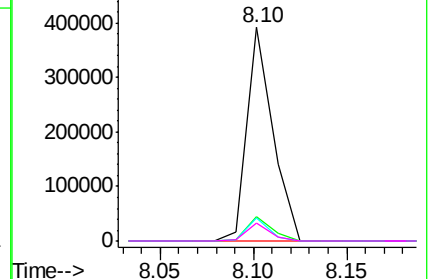
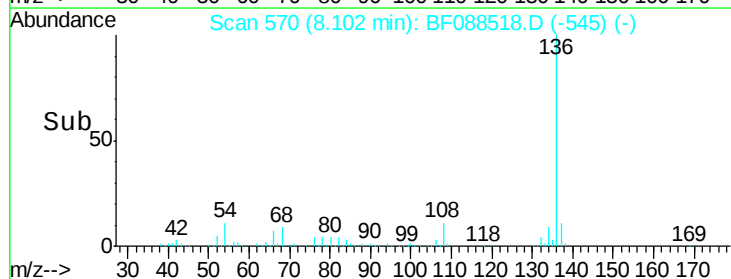


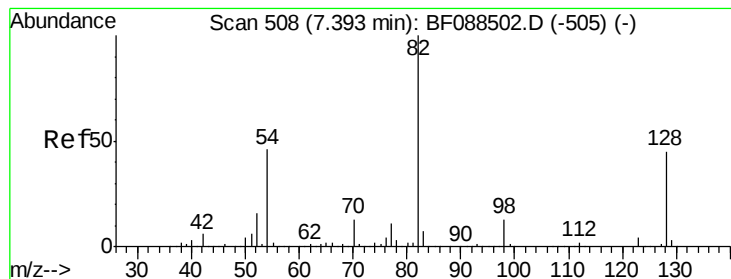
Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.48 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF088518.D

Acq: 30 Jun 2016 4:18

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-014

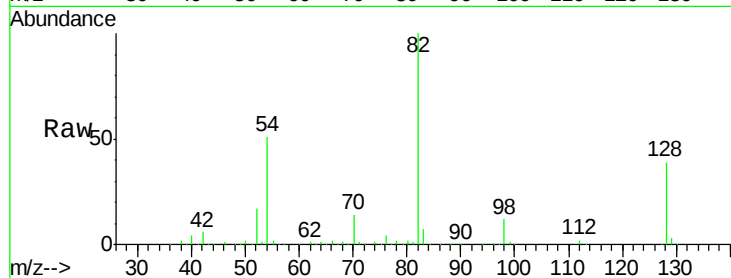
Tot Ion: 82 Resp: 520433

Ion Ratio Lower Upper

82 100

128 39.3 35.8 53.8

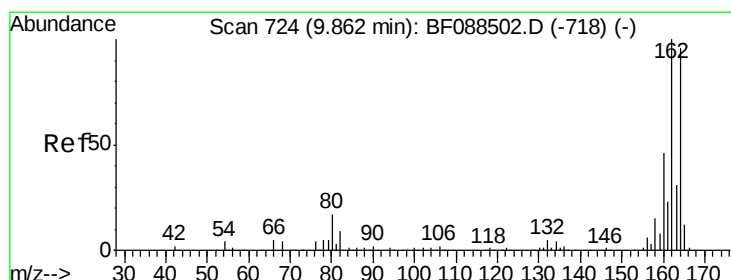
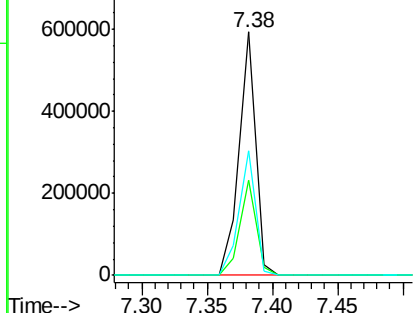
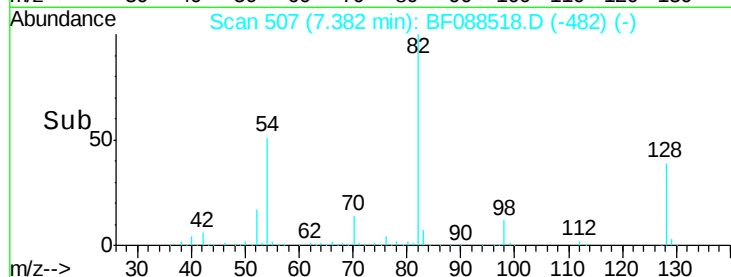
54 51.0 37.1 55.7



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: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF088518.D

Acq: 30 Jun 2016 4:18

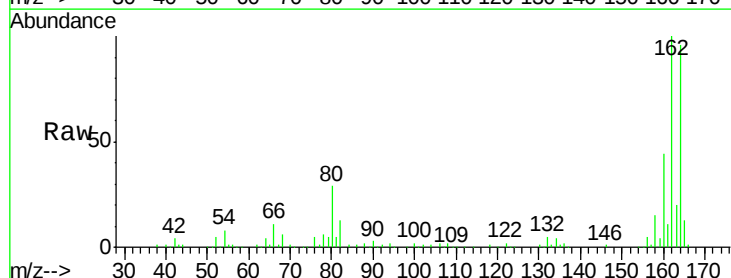
Tgt Ion:164 Resp: 140492

Ion Ratio Lower Upper

164 100

162 103.8 83.7 125.5

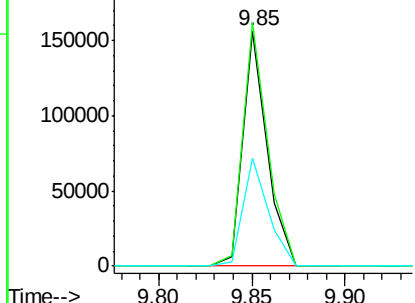
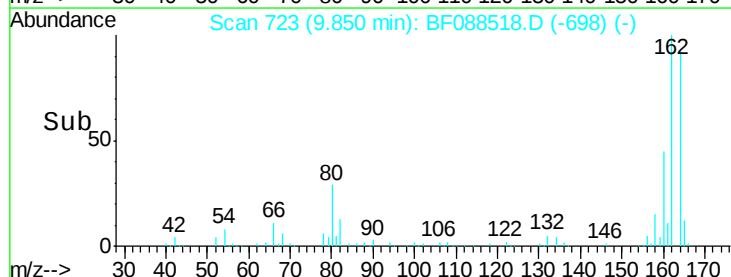
160 46.1 38.9 58.3

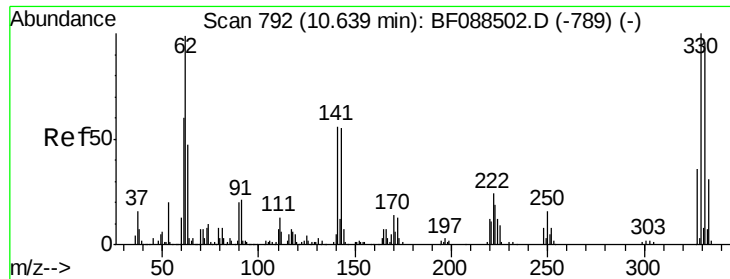


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

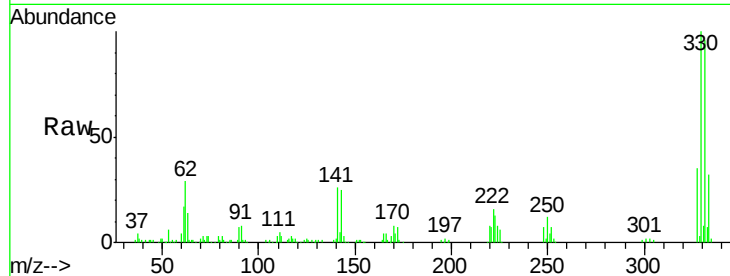




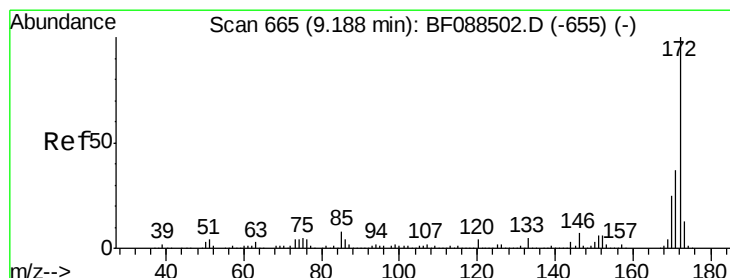
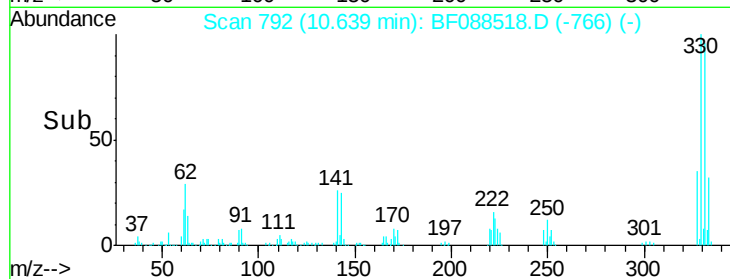
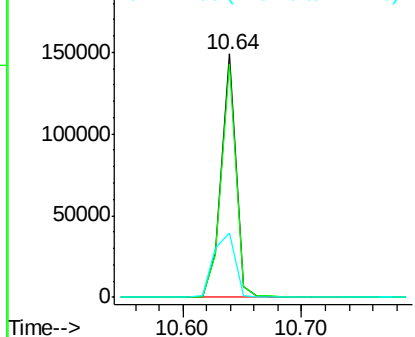
#41
 2,4,6-Tribromophenol
 Concen: 117.86 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088518.D
 Acq: 30 Jun 2016 4:18

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-014

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	38.5	0.0	0.0#

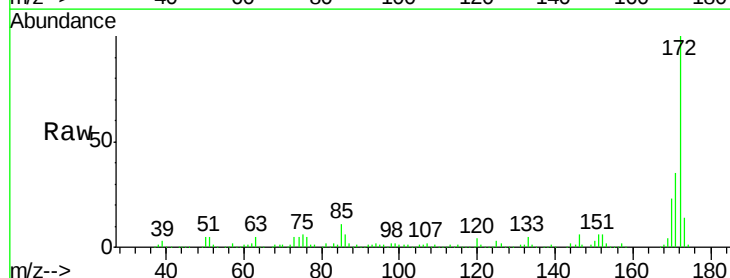


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

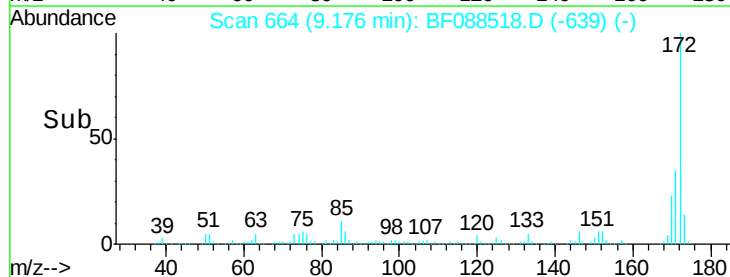
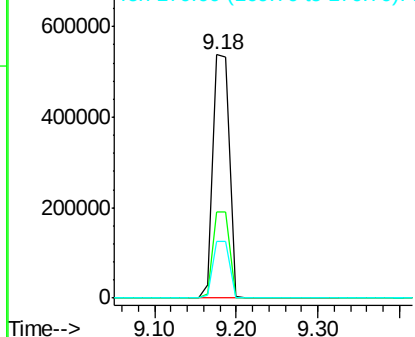


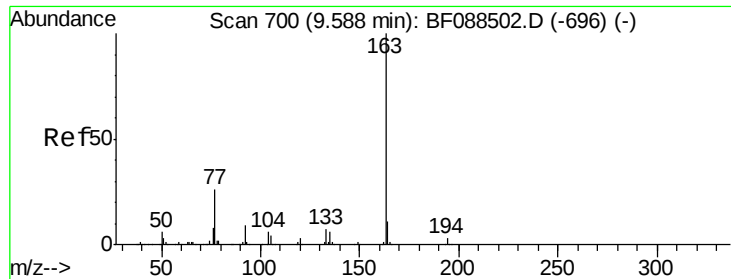
#44
 2-Fluorobiphenyl
 Concen: 87.97 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF088518.D
 Acq: 30 Jun 2016 4:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.3	43.9
170	23.4	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

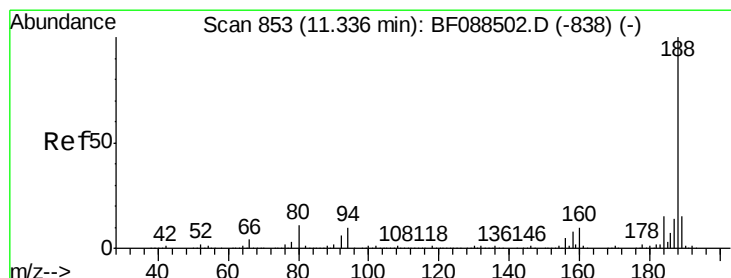
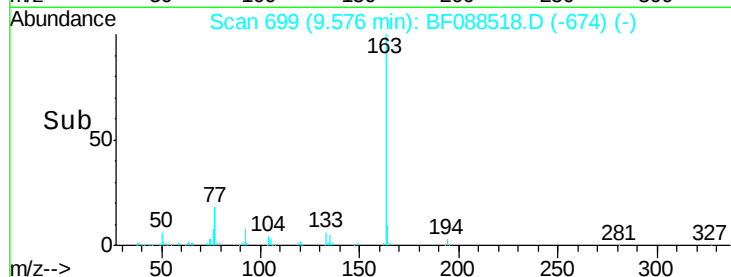
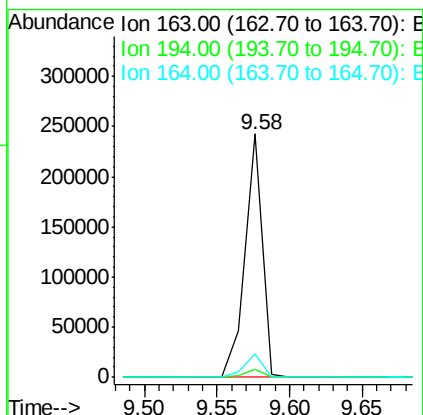
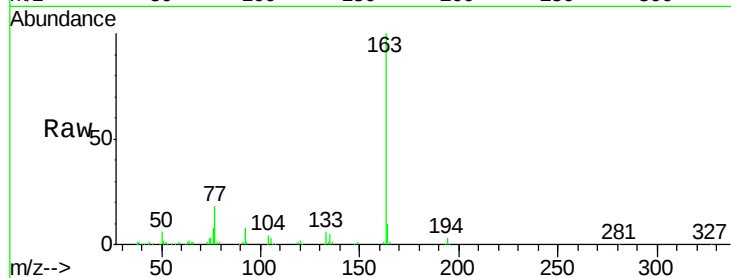




#49
Dimethylphthalate
Concen: 19.45 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088518.D
Acq: 30 Jun 2016 4:18

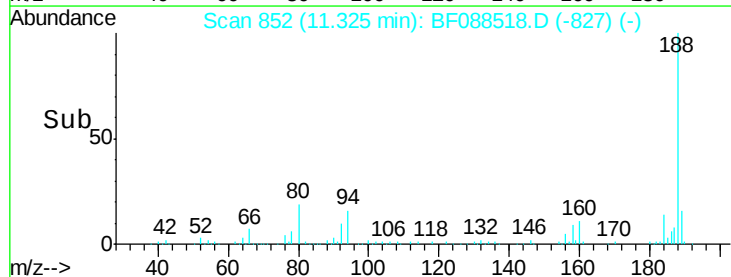
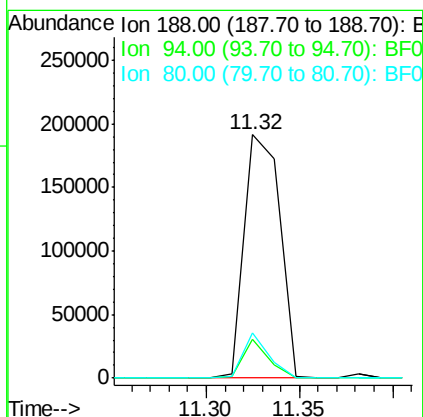
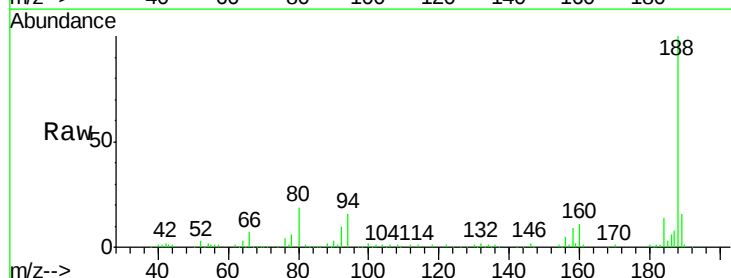
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TILCON-GF-014

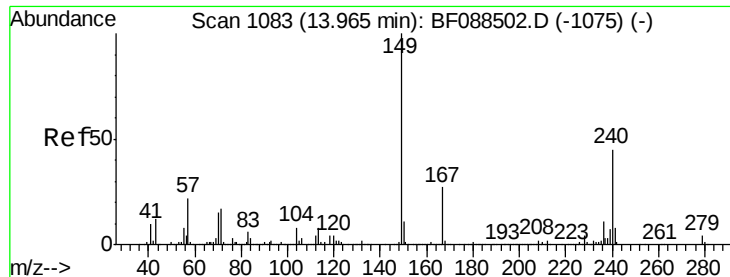
Tot Ion:163 Resp: 202072
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.6 8.5 12.7



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF088518.D
Acq: 30 Jun 2016 4:18

Tgt Ion:188 Resp: 253203
Ion Ratio Lower Upper
188 100
94 15.9 7.8 11.8#
80 18.8 8.7 13.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF088518.D

Acq: 30 Jun 2016 4:18

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-014

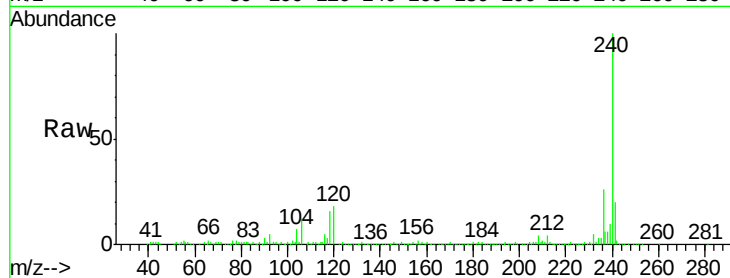
Tot Ion:240 Resp: 281545

Ion Ratio Lower Upper

240 100

120 17.6 7.1 10.7#

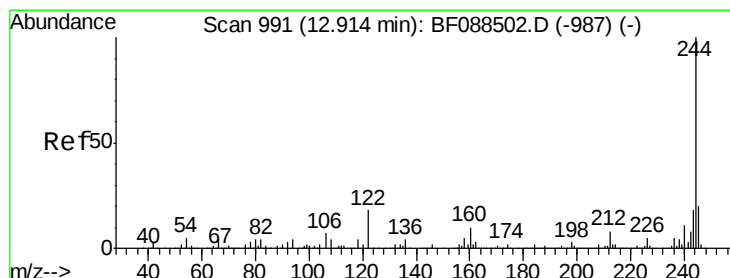
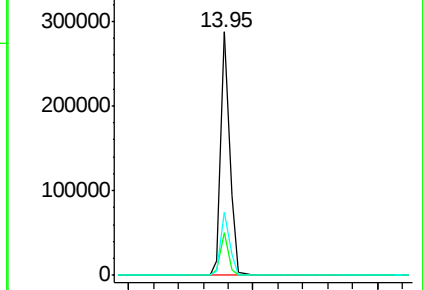
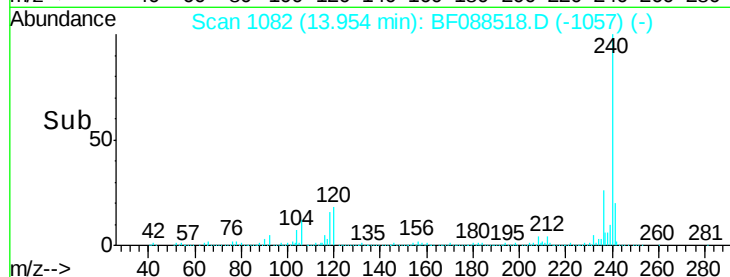
236 26.0 20.3 30.5



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: 41.72 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF088518.D

Acq: 30 Jun 2016 4:18

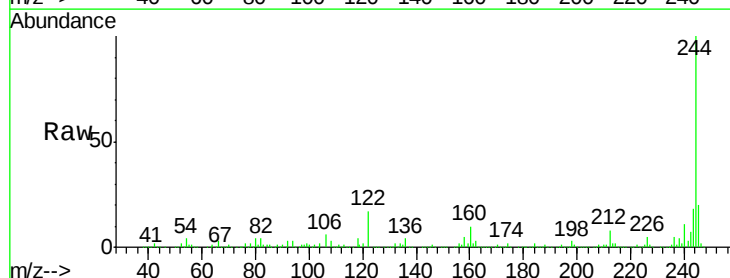
Tgt Ion:244 Resp: 628036

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

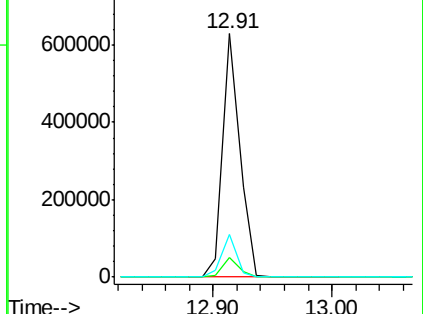
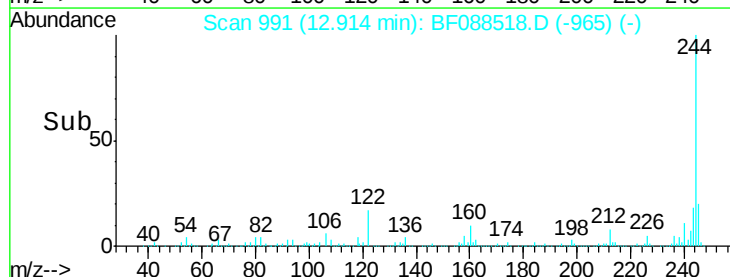
122 17.3 14.8 22.2

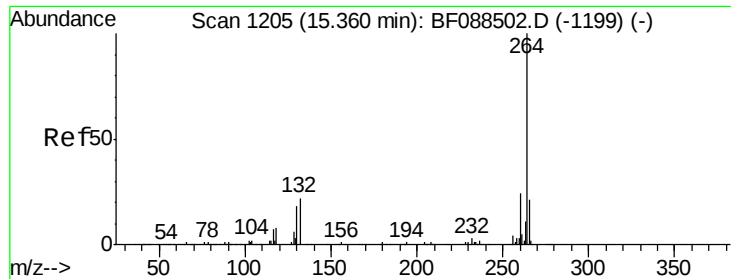


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF088518.D
Acq: 30 Jun 2016 4:18

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-014

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	21.8	17.1	25.7

