

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
 Data File : BF088514.D
 Acq On : 30 Jun 2016 2:22
 Operator : UM/SJ
 Sample : H3829-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-010

Quant Time: Jun 30 03:10:46 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

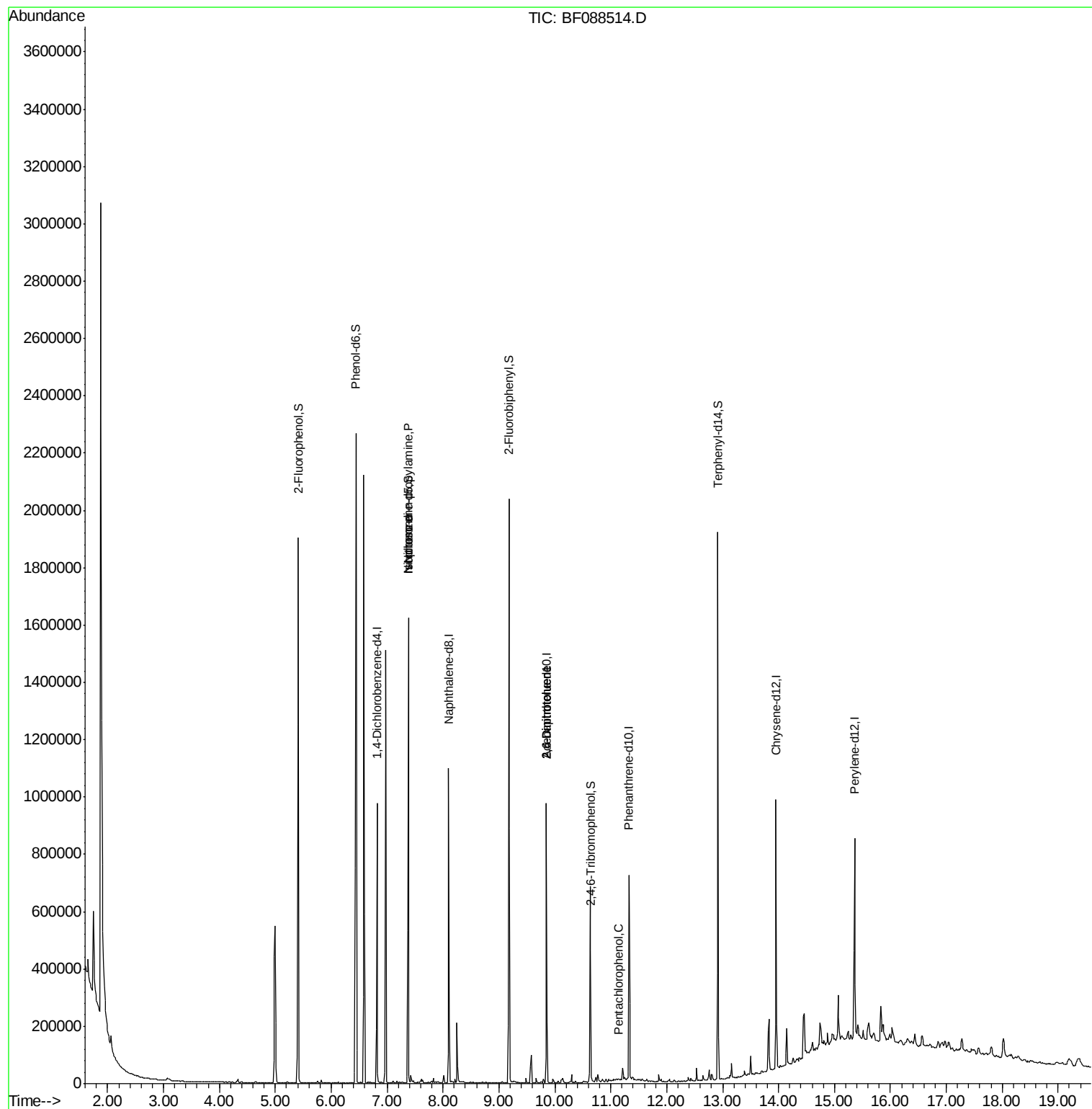
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	131480	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	451508	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	176259	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	262716	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	262664	20.00	ng	-0.01
86) Perylene-d12	15.36	264	298274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	641504	75.56	ng	0.00
7) Phenol-d6	6.44	99	762468	70.23	ng	-0.01
23) Nitrobenzene-d5	7.38	82	524241	60.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	95069	70.35	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	721733	60.46	ng	-0.01
78) Terphenyl-d14	12.91	244	514217	36.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	71728	9.71	ng	# 79
25) Isophorone	7.38	82	395729	22.79	ng	# 64
45) 1,1'-Biphenyl	9.18	154	1233	Below Cal		# 1
50) 2,6-Dinitrotoluene	9.85	165	22140	8.36	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	22141	6.68	ng	# 31
57) Fluorene	10.63	166	4730	Below Cal		# 85
69) Pentachlorophenol	11.13	266	315	3.32	ng	# 20
70) Phenanthrene	11.35	178	5321	Below Cal		98
71) Anthracene	11.35	178	5321	Below Cal		96

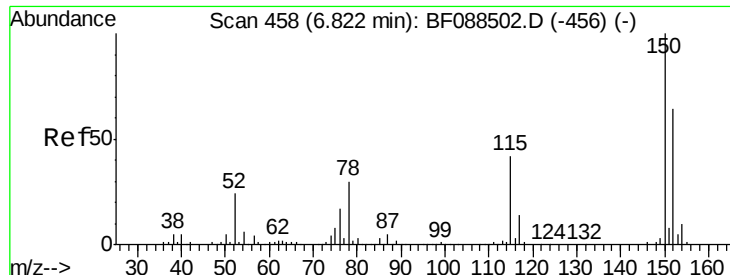
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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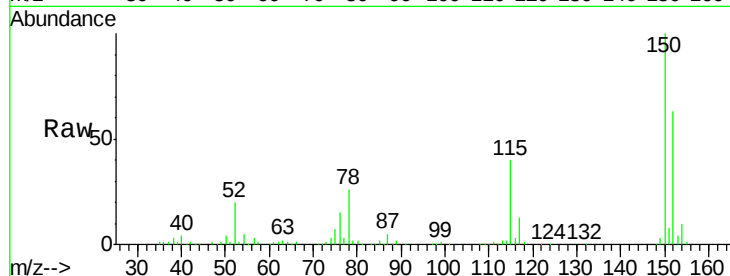
Tgt Ion:152 Resp: 131480

Ion Ratio Lower Upper

152 100

150 158.4 124.5 186.7

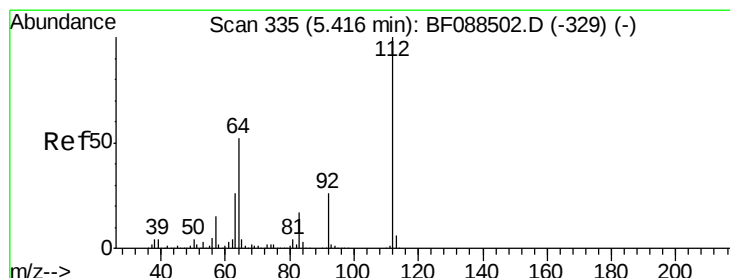
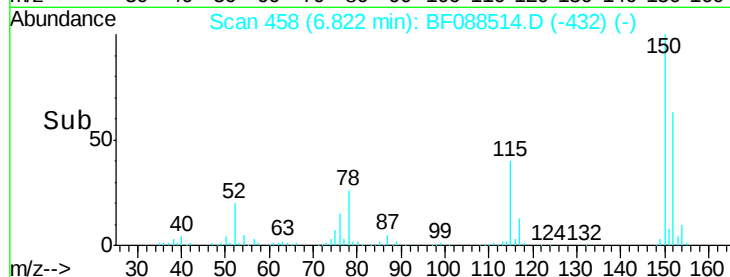
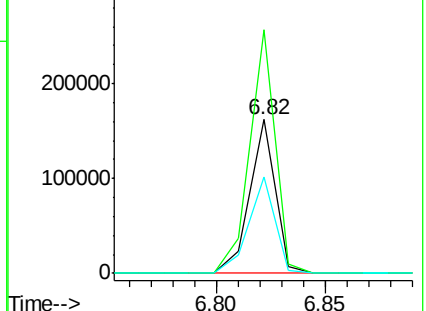
115 62.8 52.3 78.5



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: 75.56 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF088514.D

Acq: 30 Jun 2016 2:22

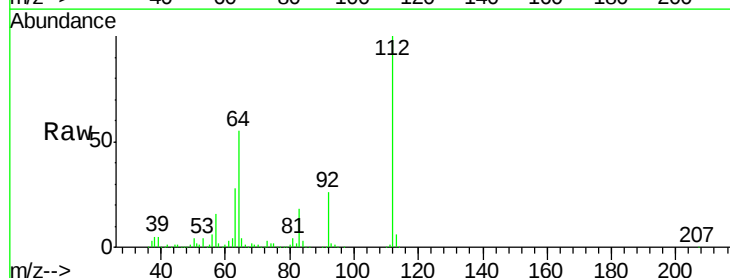
Tgt Ion:112 Resp: 641504

Ion Ratio Lower Upper

112 100

64 55.2 41.5 62.3

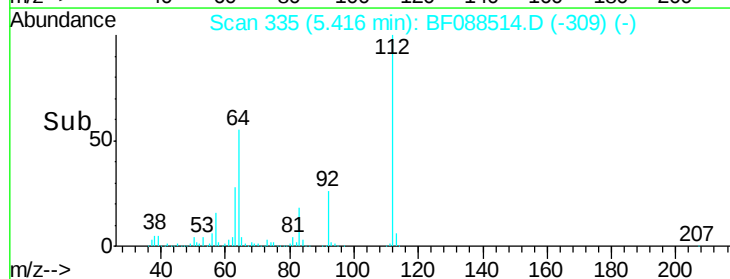
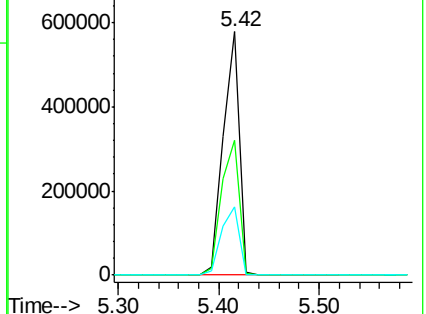
63 28.1 20.6 31.0

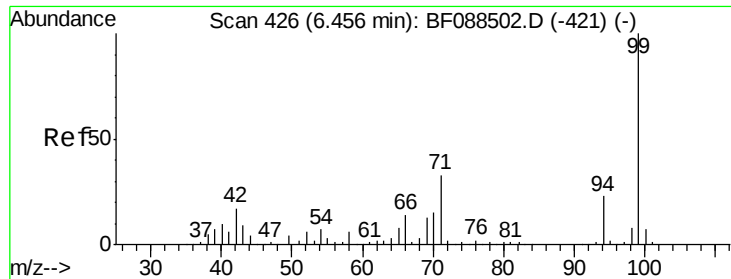


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 70.23 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF088514.D

Acq: 30 Jun 2016 2:22

Instrument :

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ClientSampleId :

TILCON-GF-010

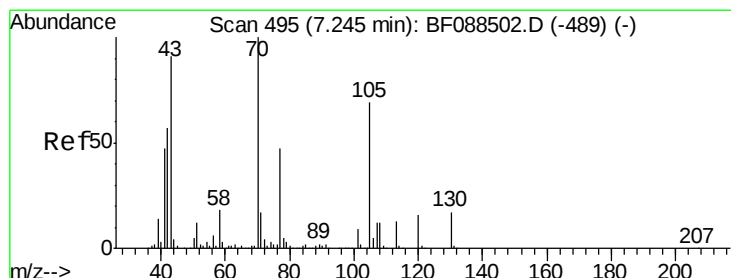
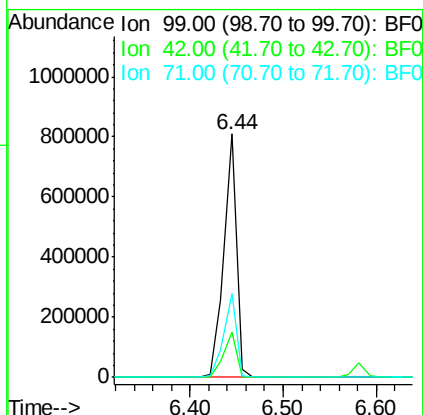
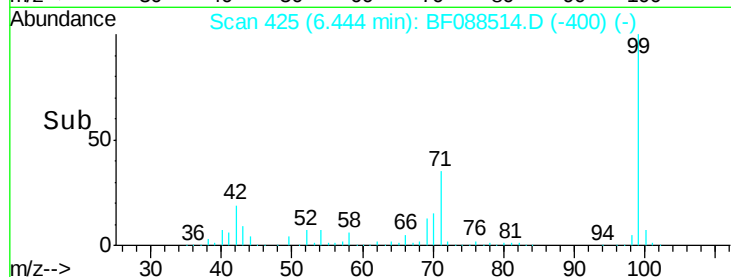
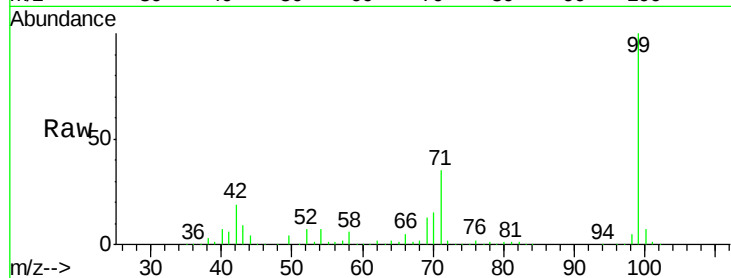
Tgt Ion: 99 Resp: 762468

Ion Ratio Lower Upper

99 100

42 18.6 13.4 20.0

71 34.5 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 9.71 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.14 min

Lab File: BF088514.D

Acq: 30 Jun 2016 2:22

Tgt Ion: 70 Resp: 71728

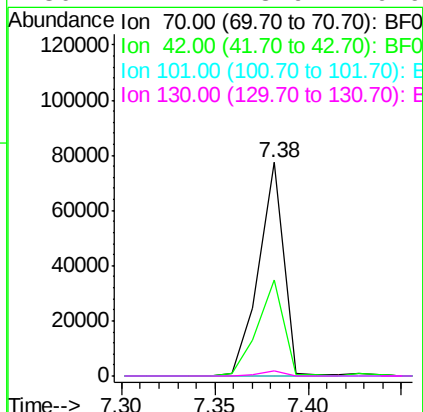
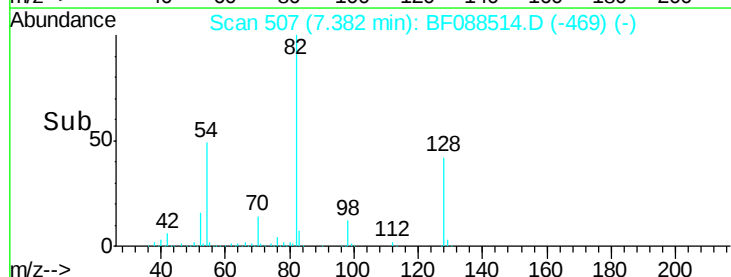
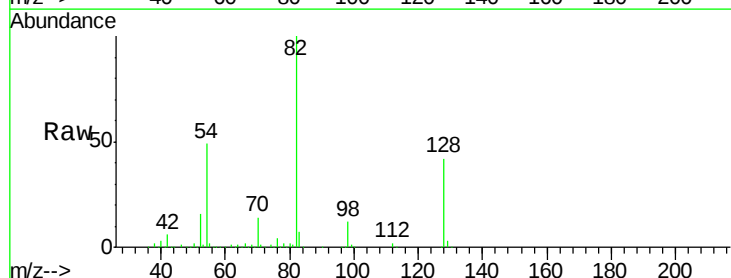
Ion Ratio Lower Upper

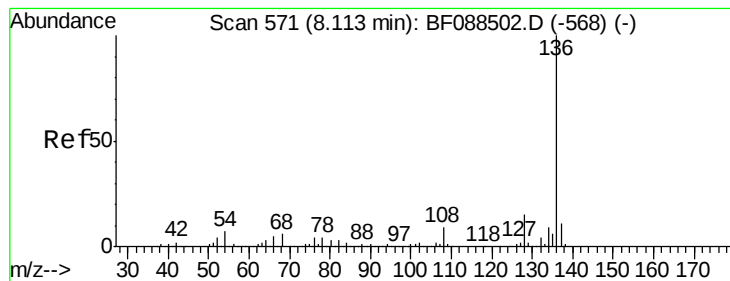
70 100

42 44.9 45.9 68.9#

101 0.0 6.8 10.2#

130 2.1 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF088514.D

Acq: 30 Jun 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-010

Tgt Ion:136 Resp: 451508

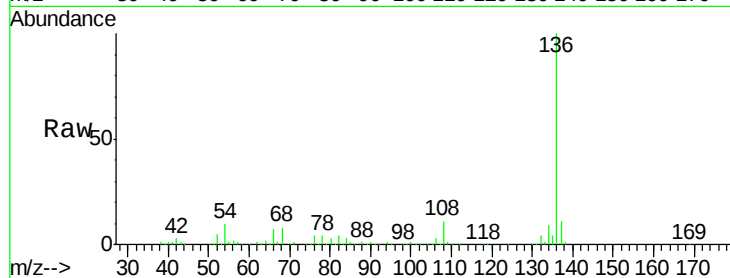
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.9 5.4 8.2#

68 8.3 4.9 7.3#

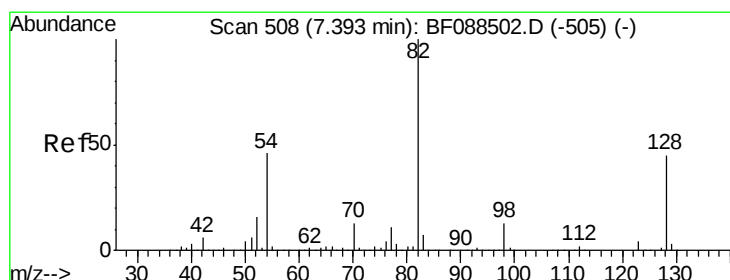
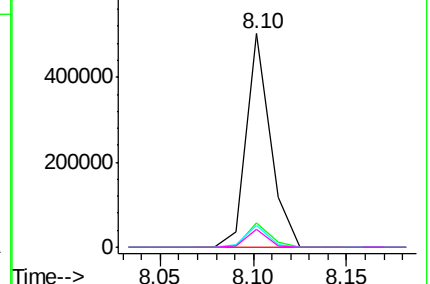
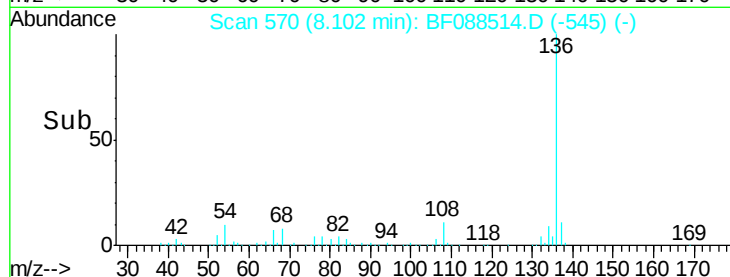


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.98 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF088514.D

Acq: 30 Jun 2016 2:22

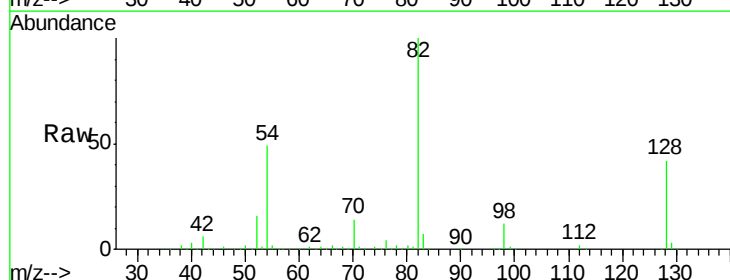
Tgt Ion: 82 Resp: 524241

Ion Ratio Lower Upper

82 100

128 41.5 35.8 53.8

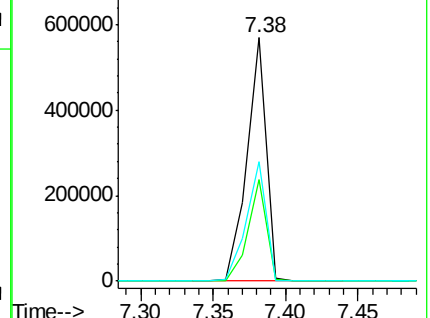
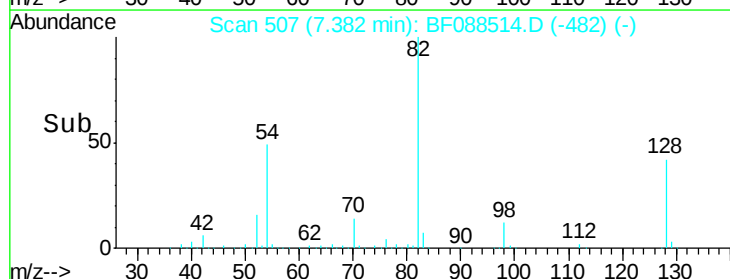
54 48.9 37.1 55.7

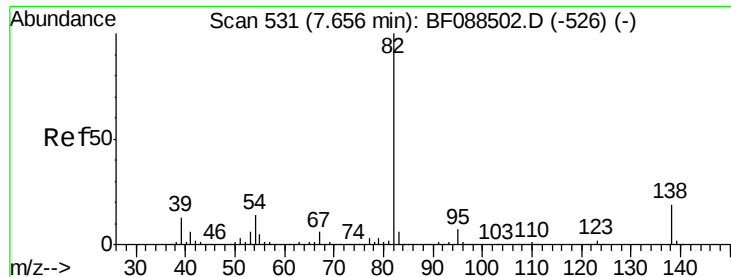


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 22.79 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.27 min

Lab File: BF088514.D

Acq: 30 Jun 2016 2:22

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TILCON-GF-010

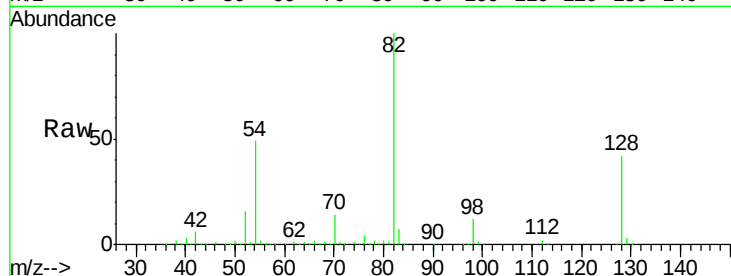
Tgt Ion: 82 Resp: 395729

Ion Ratio Lower Upper

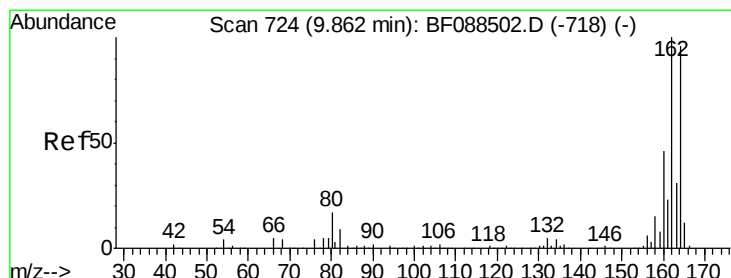
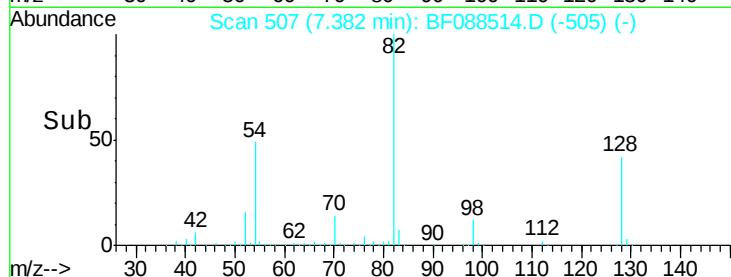
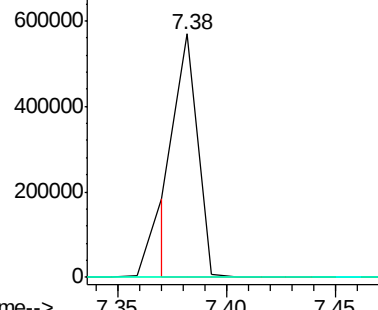
82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF088514.D

Acq: 30 Jun 2016 2:22

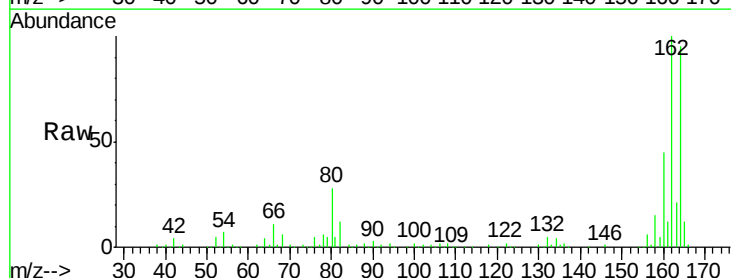
Tgt Ion: 164 Resp: 176259

Ion Ratio Lower Upper

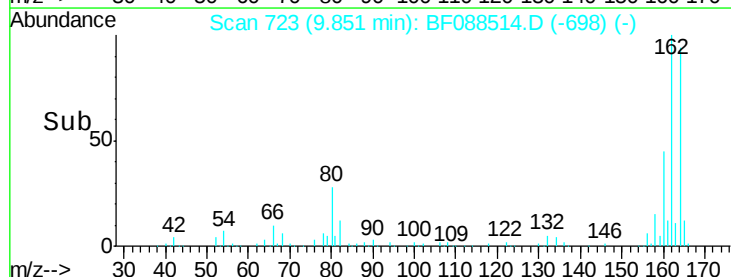
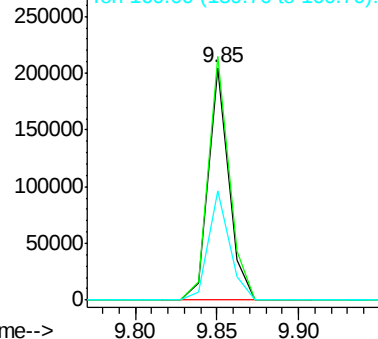
164 100

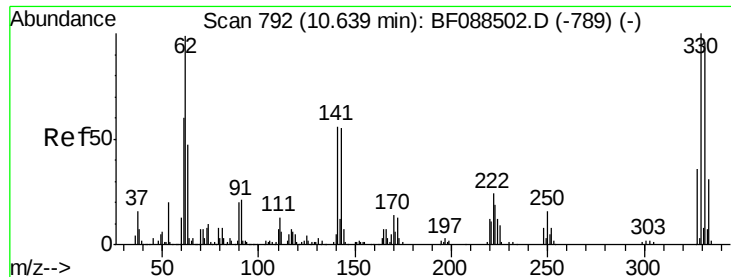
162 104.7 83.7 125.5

160 46.8 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

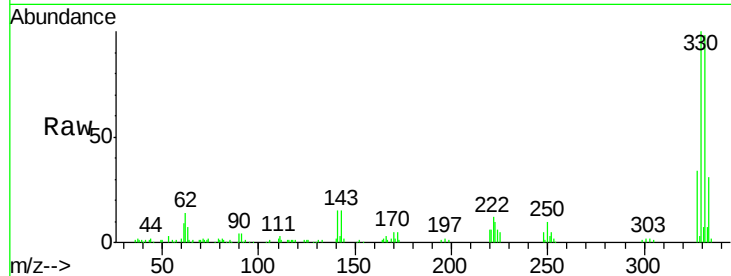




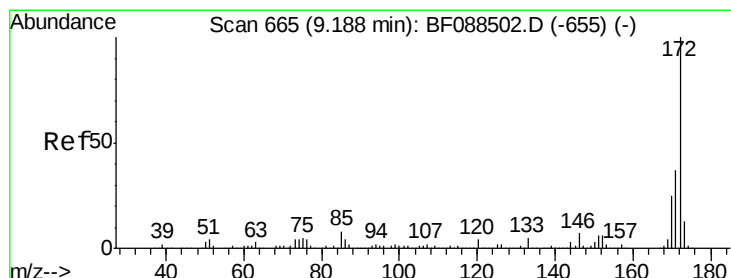
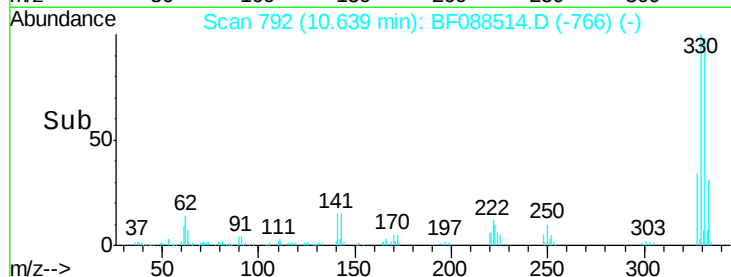
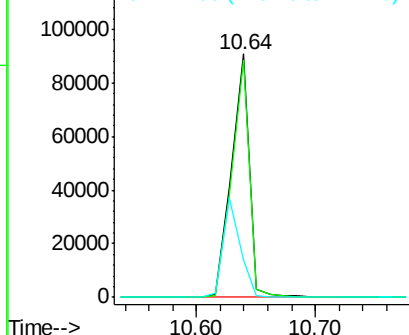
#41
 2,4,6-Tribromophenol
 Concen: 70.35 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088514.D
 Acq: 30 Jun 2016 2:22

Instrument :
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 TILCON-GF-010

Tgt Ion:330 Resp: 95069
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 38.7 0.0 0.0#

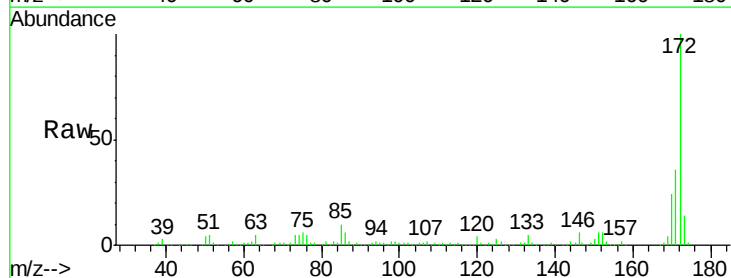


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 60.46 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF088514.D
 Acq: 30 Jun 2016 2:22

Tgt Ion:172 Resp: 721733
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.3 43.9
 170 23.8 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

