

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088548.D
 Acq On : 1 Jul 2016 00:21
 Operator : UM/SJ
 Sample : H3630-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-019

Quant Time: Jul 01 01:32:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

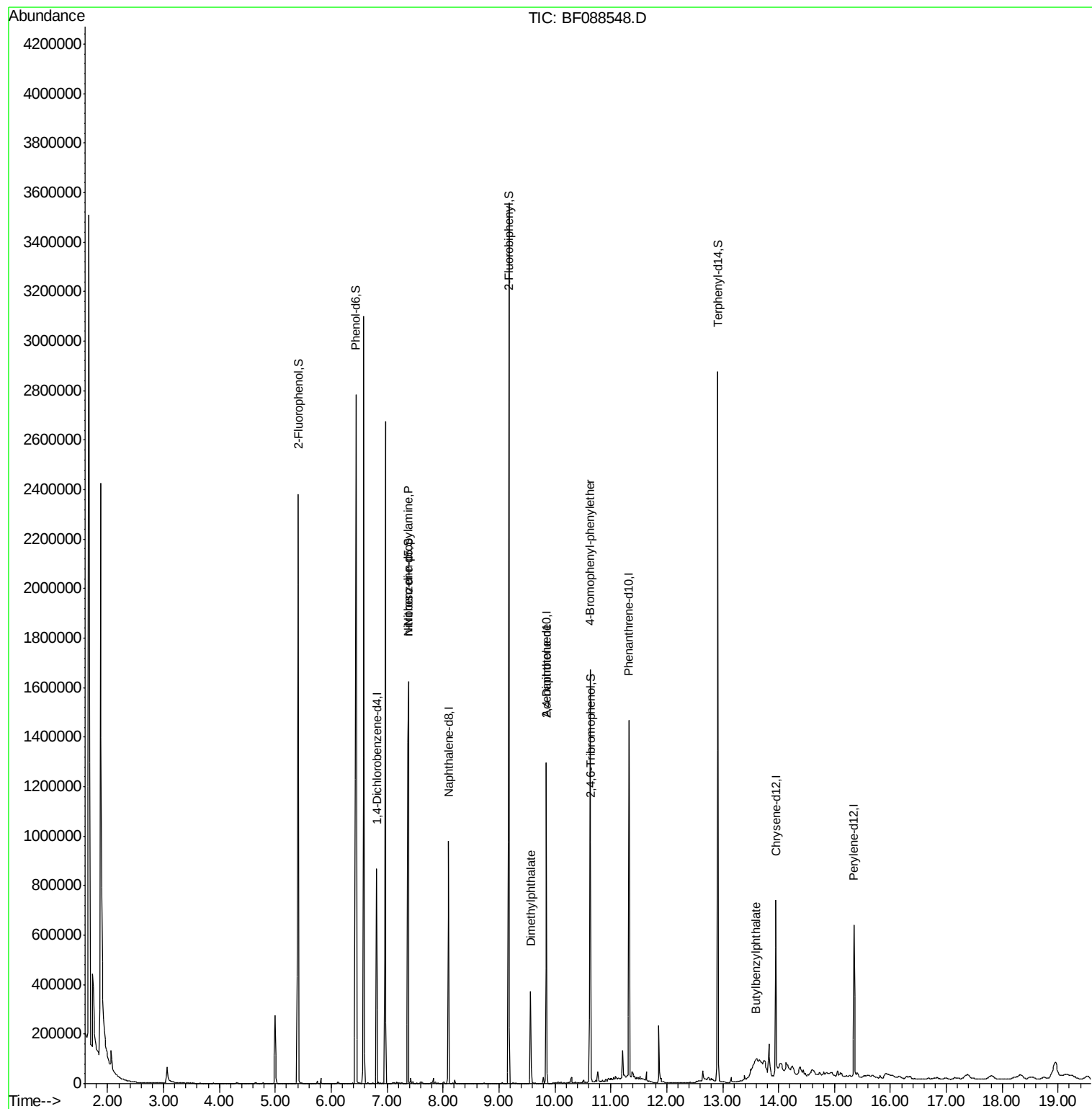
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131967	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	557897	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	256841	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	463941	20.00	ng	0.00
75) Chrysene-d12	13.95	240	291881	20.00	ng	0.00
86) Perylene-d12	15.35	264	272270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	948943	107.77	ng	0.01
7) Phenol-d6	6.44	99	1057274	92.92	ng	0.00
23) Nitrobenzene-d5	7.38	82	791626	74.36	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	252739	105.97	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1045494	64.30	ng	0.00
78) Terphenyl-d14	12.91	244	928232	70.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	104880	13.72	ng	# 69
49) Dimethylphthalate	9.56	163	135475	7.40	ng	99
56) 2,4-Dinitrotoluene	9.85	165	33104	6.24	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	15732	3.36	ng	# 1
79) Butylbenzylphthalate	13.60	149	46180	4.18	ng	# 30

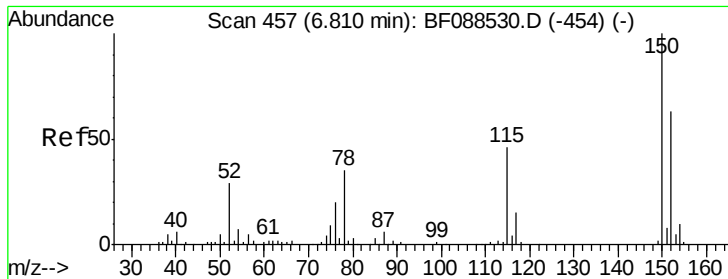
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 30 18:01:55 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088548.D

Acq: 1 Jul 2016 00:21

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-019

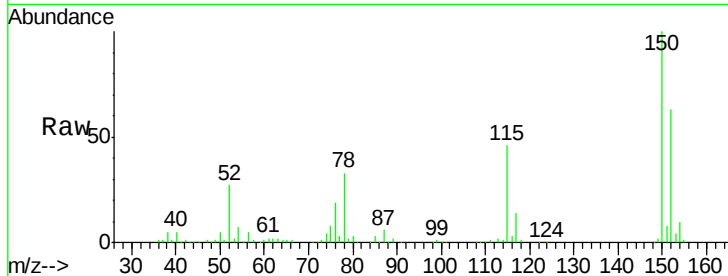
Tgt Ion:152 Resp: 131967

Ion Ratio Lower Upper

152 100

150 158.4 123.8 185.6

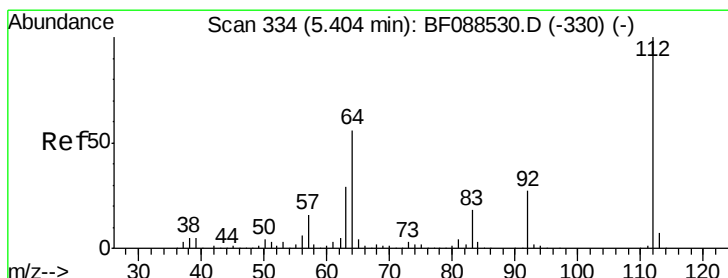
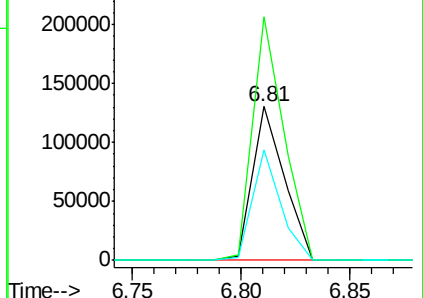
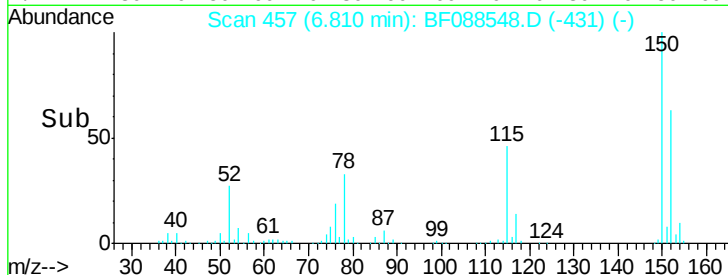
115 72.2 39.6 59.4#



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: 107.77 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088548.D

Acq: 1 Jul 2016 00:21

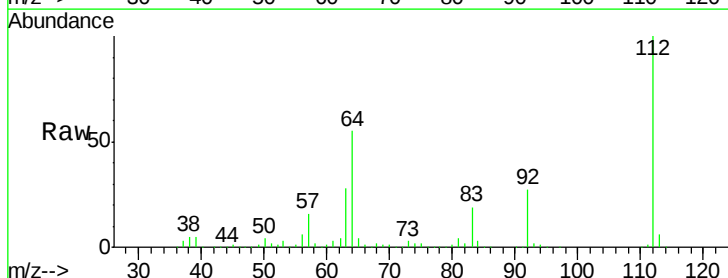
Tgt Ion:112 Resp: 948943

Ion Ratio Lower Upper

112 100

64 54.8 42.2 63.2

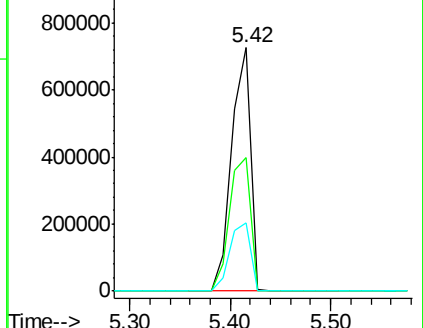
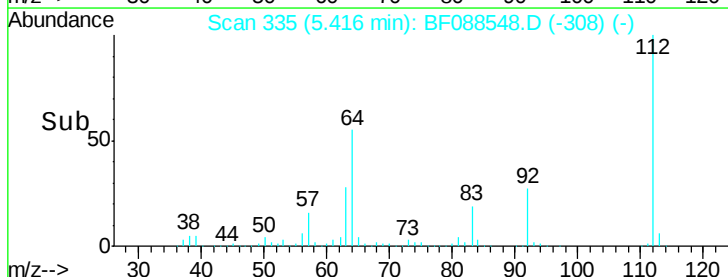
63 28.0 21.8 32.8



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: 92.92 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088548.D

Acq: 1 Jul 2016 00:21

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-019

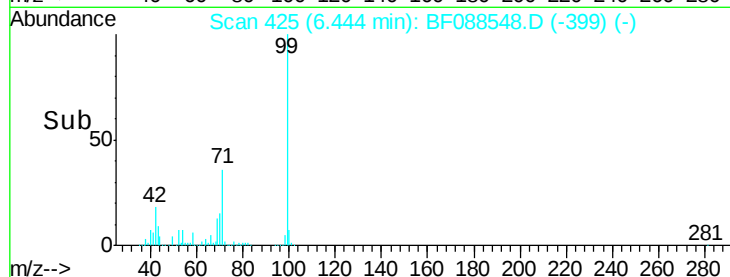
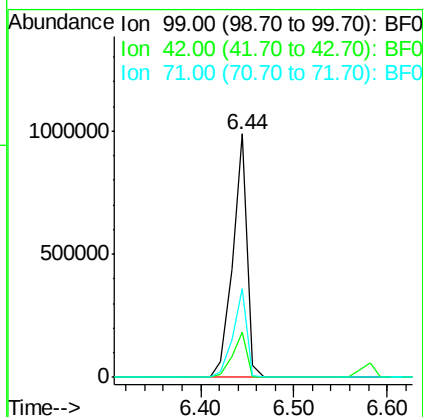
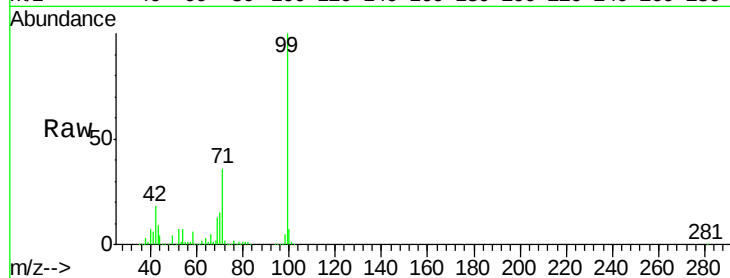
Tgt Ion: 99 Resp: 1057274

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

71 36.4 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 13.72 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.15 min

Lab File: BF088548.D

Acq: 1 Jul 2016 00:21

Tgt Ion: 70 Resp: 104880

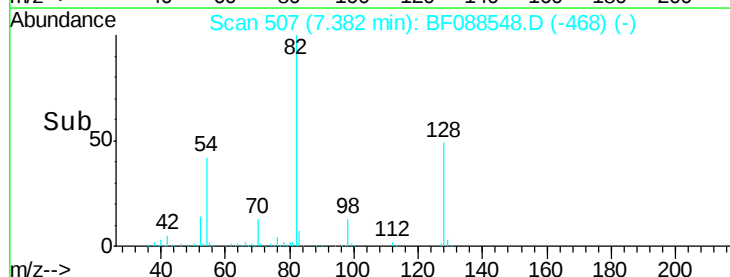
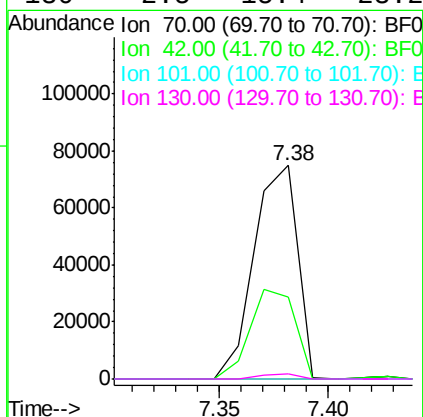
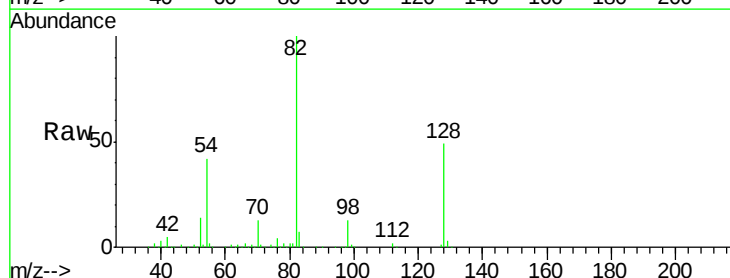
Ion Ratio Lower Upper

70 100

42 38.4 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF088548.D

Acq: 1 Jul 2016 00:21

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-019

Tgt Ion:136 Resp: 557897

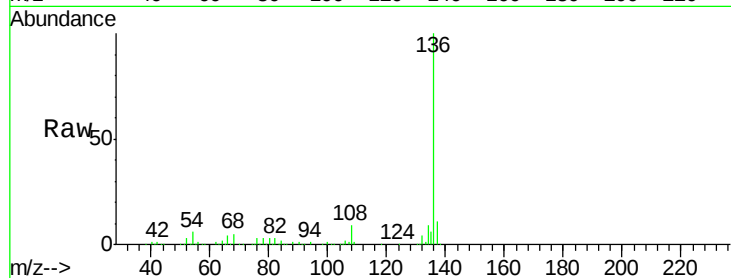
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.0 6.6 10.0#

68 5.4 5.1 7.7

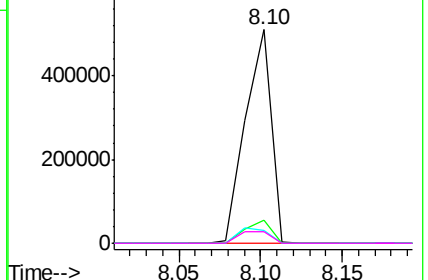
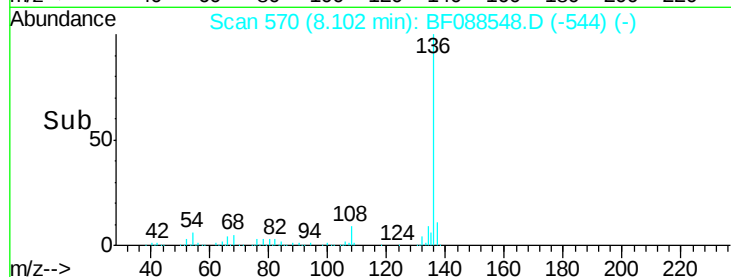


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.36 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF088548.D

Acq: 1 Jul 2016 00:21

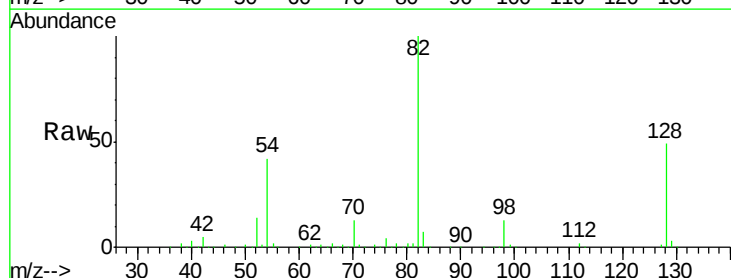
Tgt Ion: 82 Resp: 791626

Ion Ratio Lower Upper

82 100

128 49.0 35.9 53.9

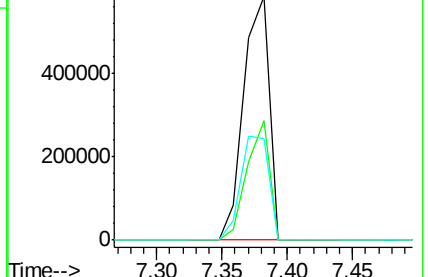
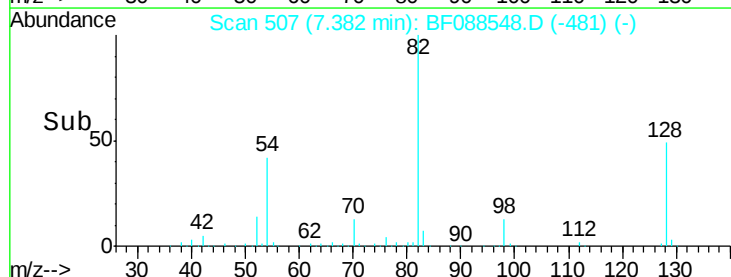
54 41.6 40.9 61.3

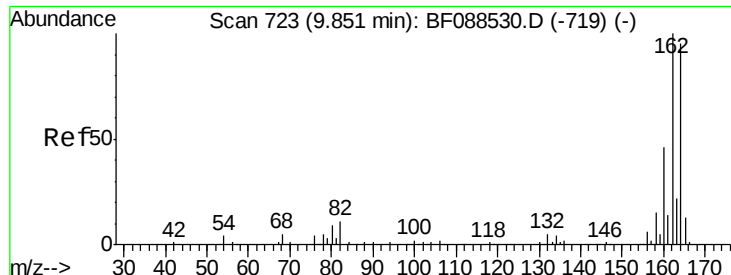


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF088548.D

Acq: 1 Jul 2016 00:21

Instrument :

BNA_F

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TILCON-GF-019

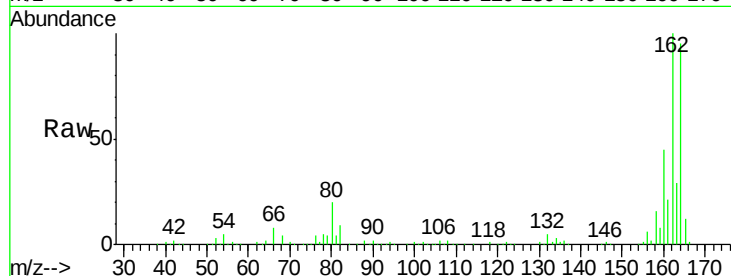
Tgt Ion:164 Resp: 256841

Ion Ratio Lower Upper

164 100

162 105.6 85.4 128.2

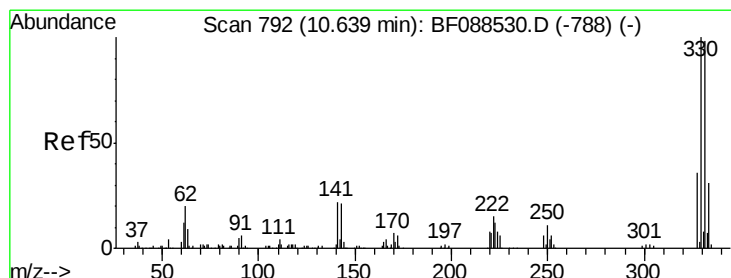
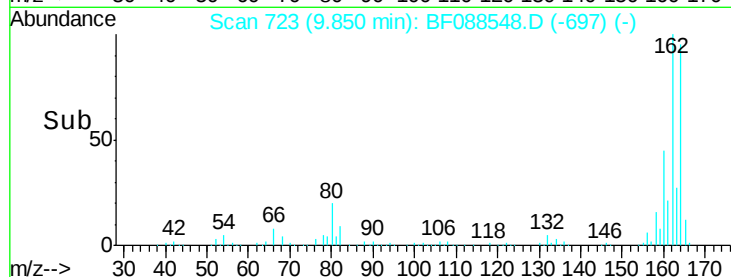
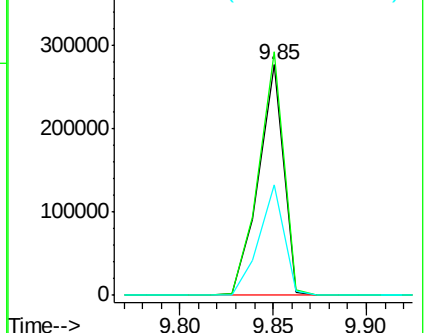
160 48.0 39.5 59.3



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: 105.97 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF088548.D

Acq: 1 Jul 2016 00:21

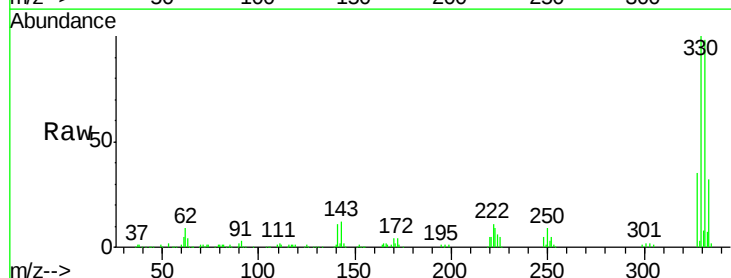
Tgt Ion:330 Resp: 252739

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

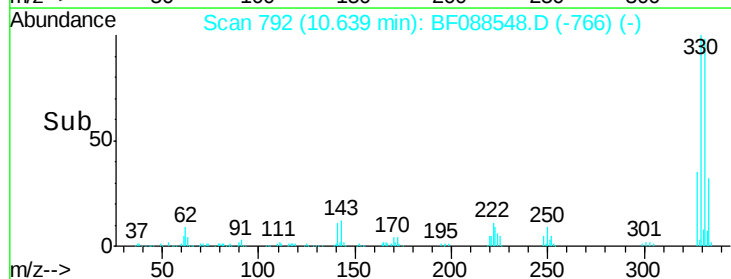
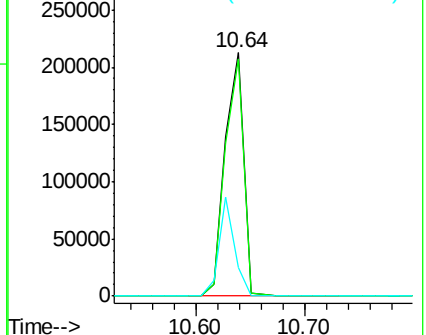
141 34.3 0.0 0.0#



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

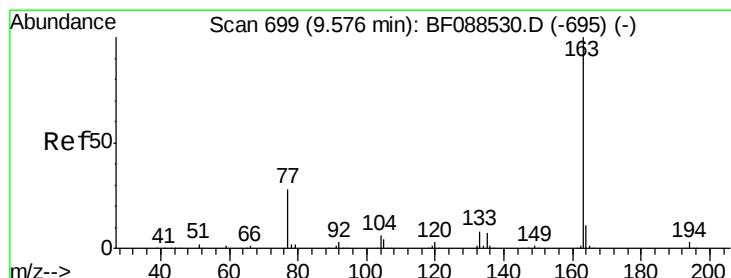
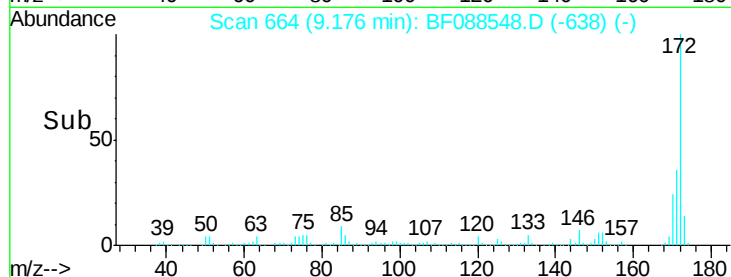
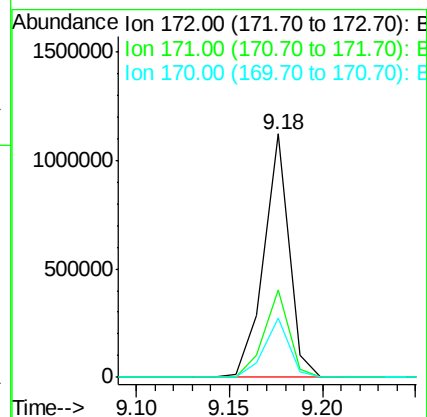
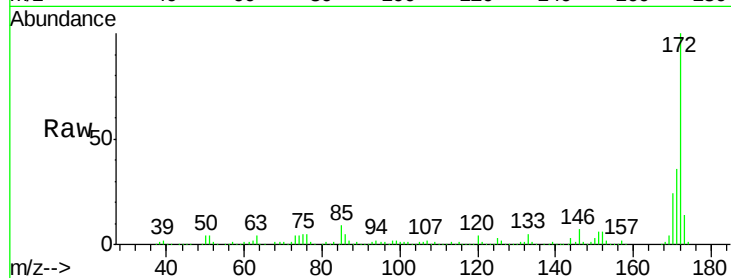




#44
2-Fluorobiphenyl
Concen: 64.30 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF088548.D
Acq: 1 Jul 2016 00:21

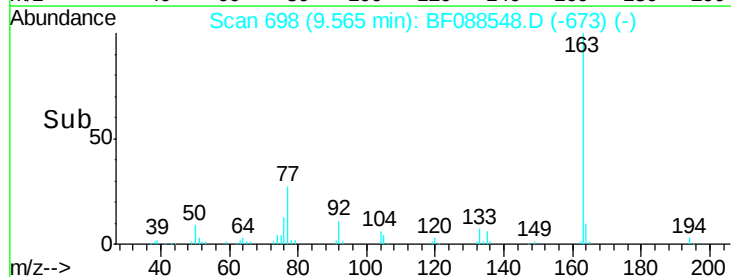
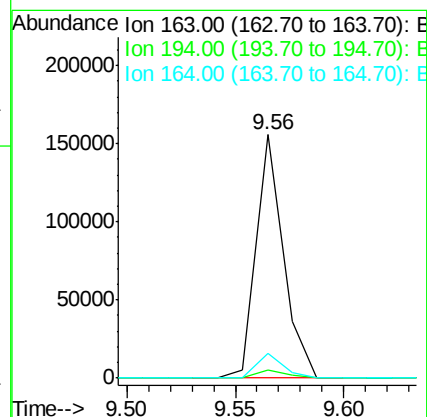
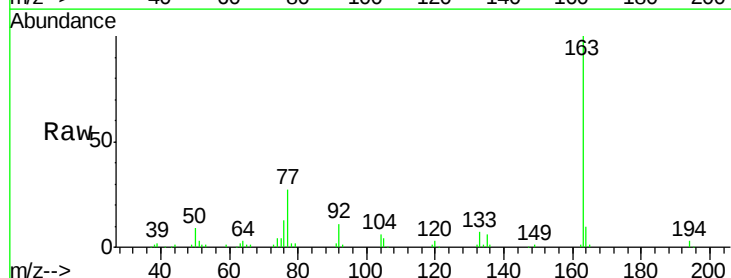
Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Tgt Ion:172 Resp: 1045494
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.4 19.2 28.8



#49
Dimethylphthalate
Concen: 7.40 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088548.D
Acq: 1 Jul 2016 00:21

Tgt Ion:163 Resp: 135475
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.3 8.3 12.5

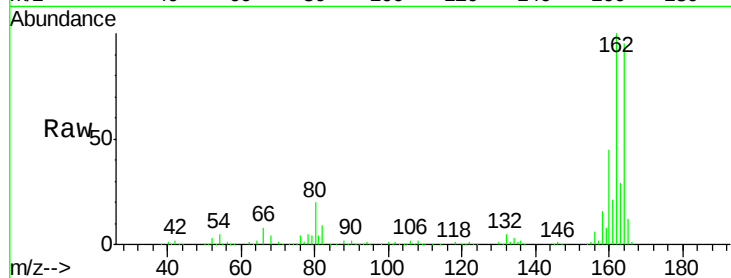




#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.18 min
 Lab File: BF088548.D
 Acq: 1 Jul 2016 00:21

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-019

Tgt Ion:	165	Resp:	33104
Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	2.0	41.1	61.7#
182	0.0	2.0	3.0#

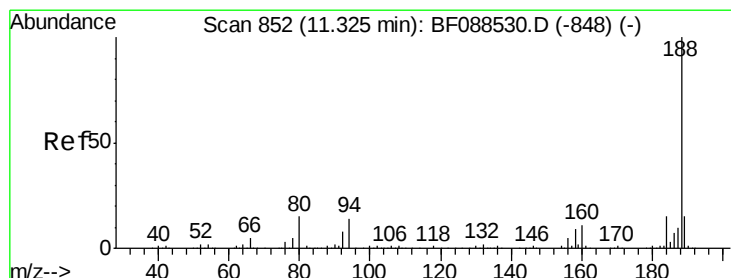
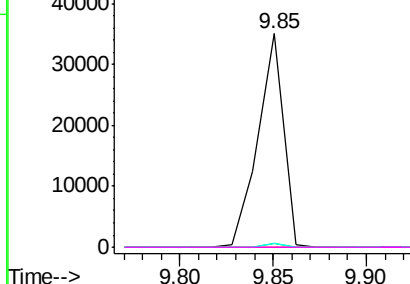
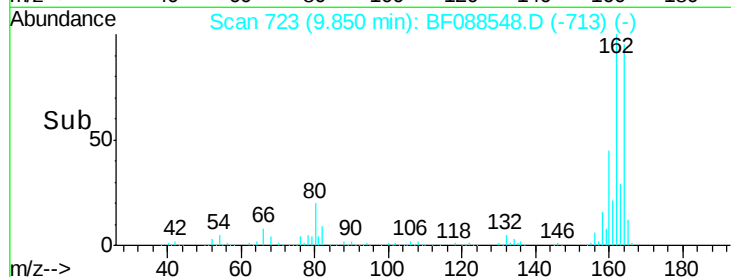


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

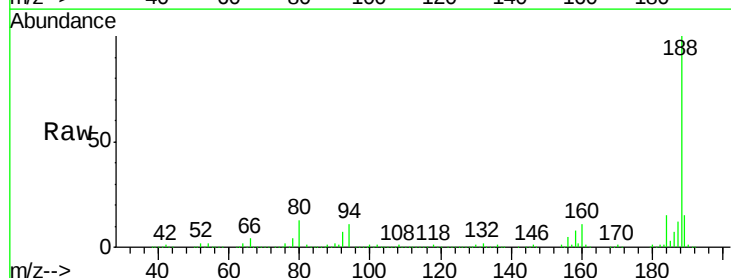
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF088548.D
 Acq: 1 Jul 2016 00:21

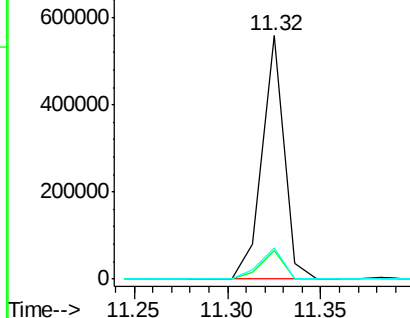
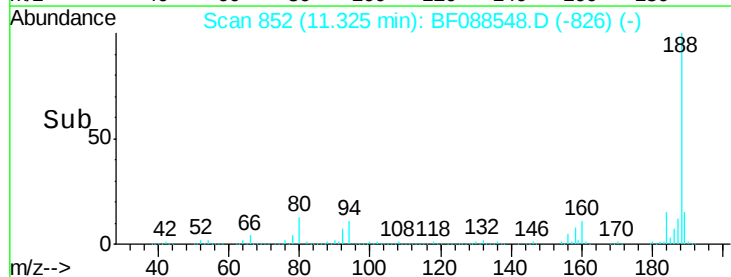
Tgt Ion:	188	Resp:	463941
Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.0	13.6
80	12.9	10.0	15.0

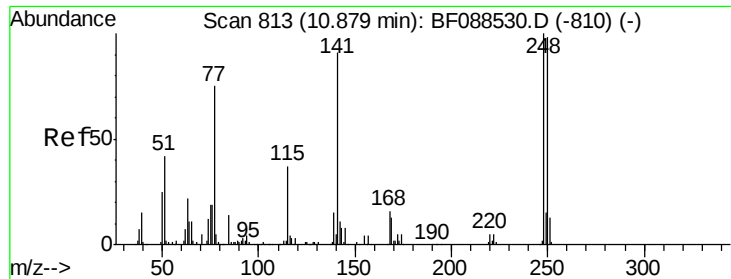


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

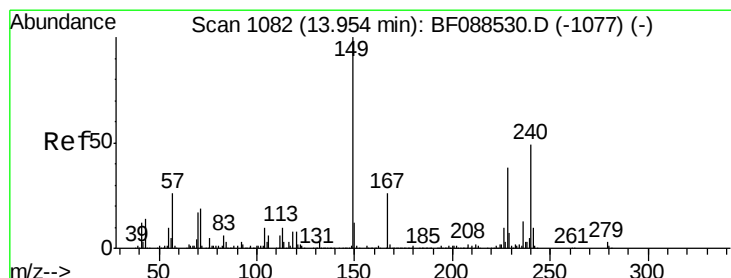
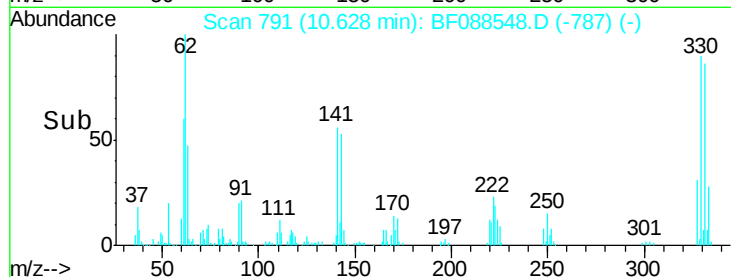
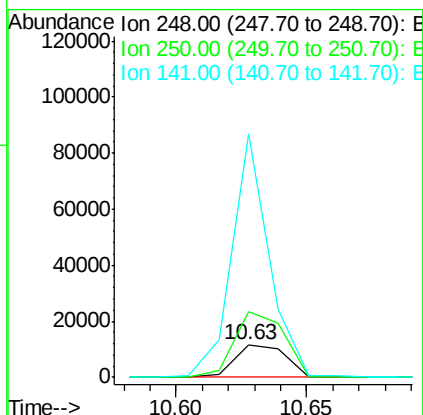
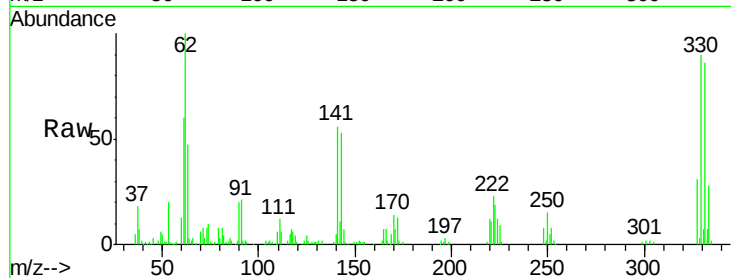




#66
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF088548.D
Acq: 1 Jul 2016 00:21

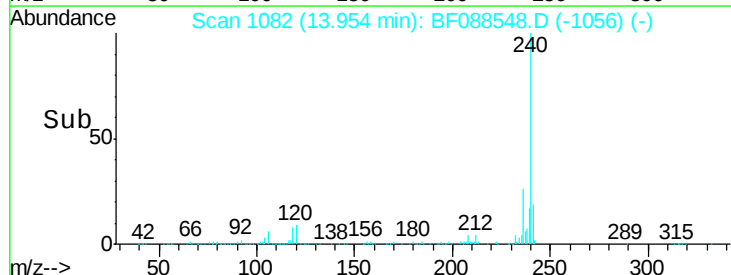
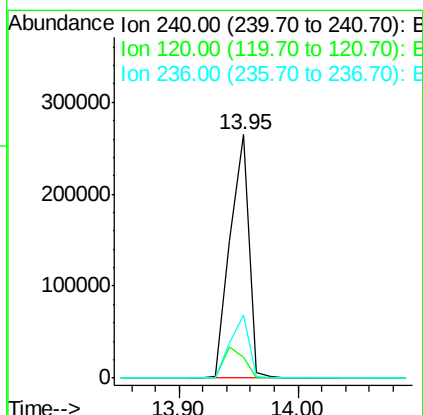
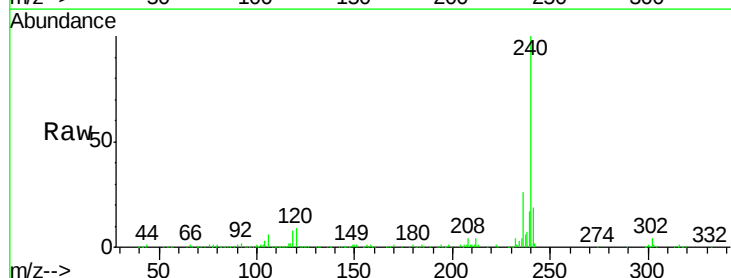
Instrument :
BNA_F
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TILCON-GF-019

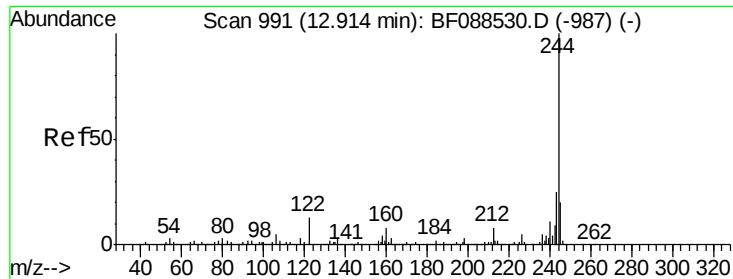
Tgt Ion:248 Resp: 15732
Ion Ratio Lower Upper
248 100
250 202.0 77.1 115.7#
141 745.7 50.6 76.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF088548.D
Acq: 1 Jul 2016 00:21

Tgt Ion:240 Resp: 291881
Ion Ratio Lower Upper
240 100
120 8.7 6.8 10.2
236 26.0 20.2 30.2

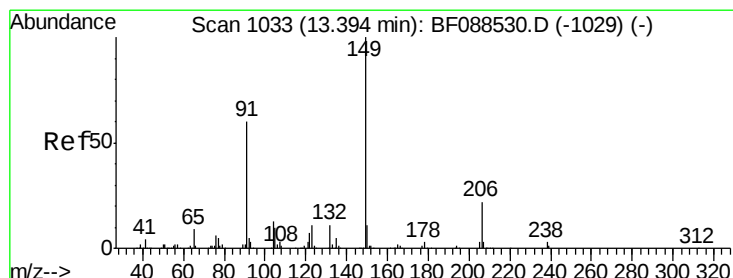
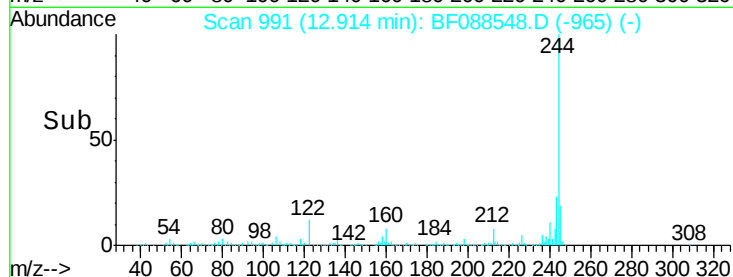
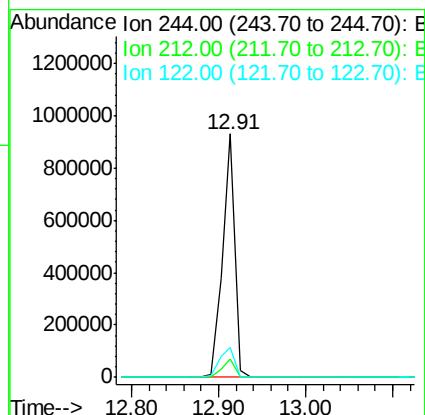
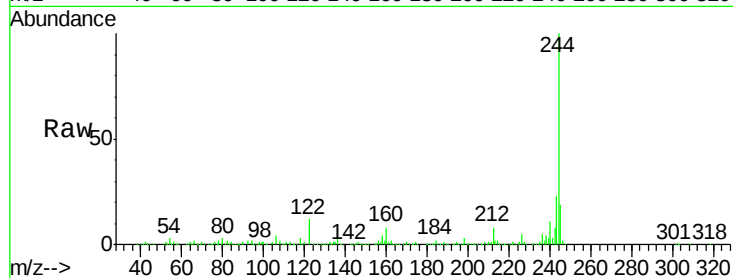




#78
 Terphenyl-d14
 Concen: 70.83 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF088548.D
 Acq: 1 Jul 2016 00:21

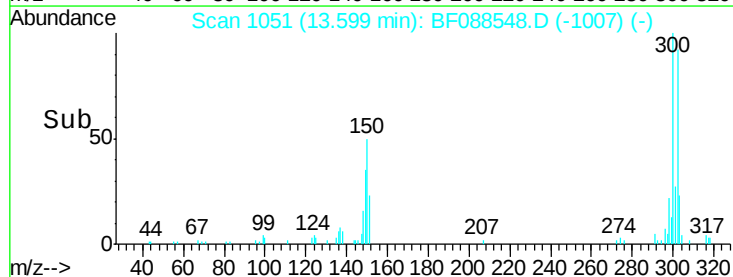
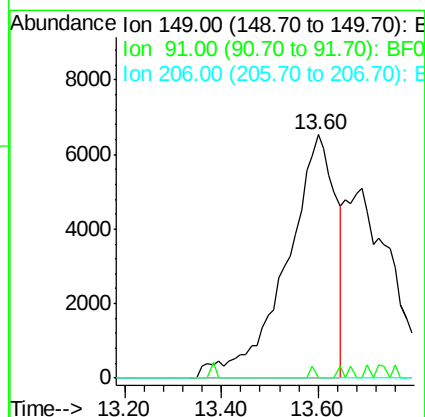
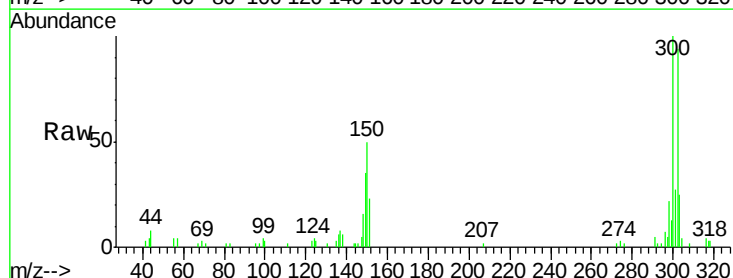
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-019

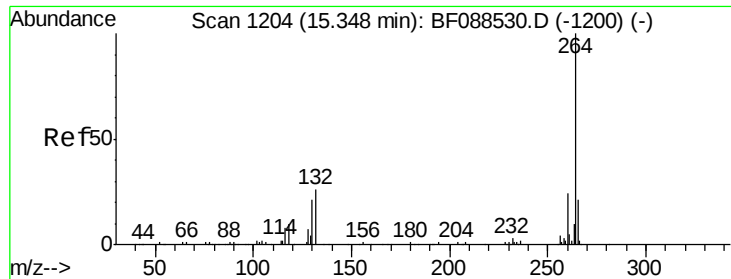
Tgt Ion:244 Resp: 928232
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 12.5 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 4.18 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. 0.21 min
 Lab File: BF088548.D
 Acq: 1 Jul 2016 00:21

Tgt Ion:149 Resp: 46180
 Ion Ratio Lower Upper
 149 100
 91 0.0 48.0 72.0#
 206 0.0 16.0 24.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088548.D
Acq: 1 Jul 2016 00:21

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Tgt Ion: 264 Resp: 272270

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	16.9	25.3

