

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088787.D
 Acq On : 7 Jul 2016 19:13
 Operator : UM/SJ
 Sample : H3829-02RE
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-011RE

Quant Time: Jul 08 01:42:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

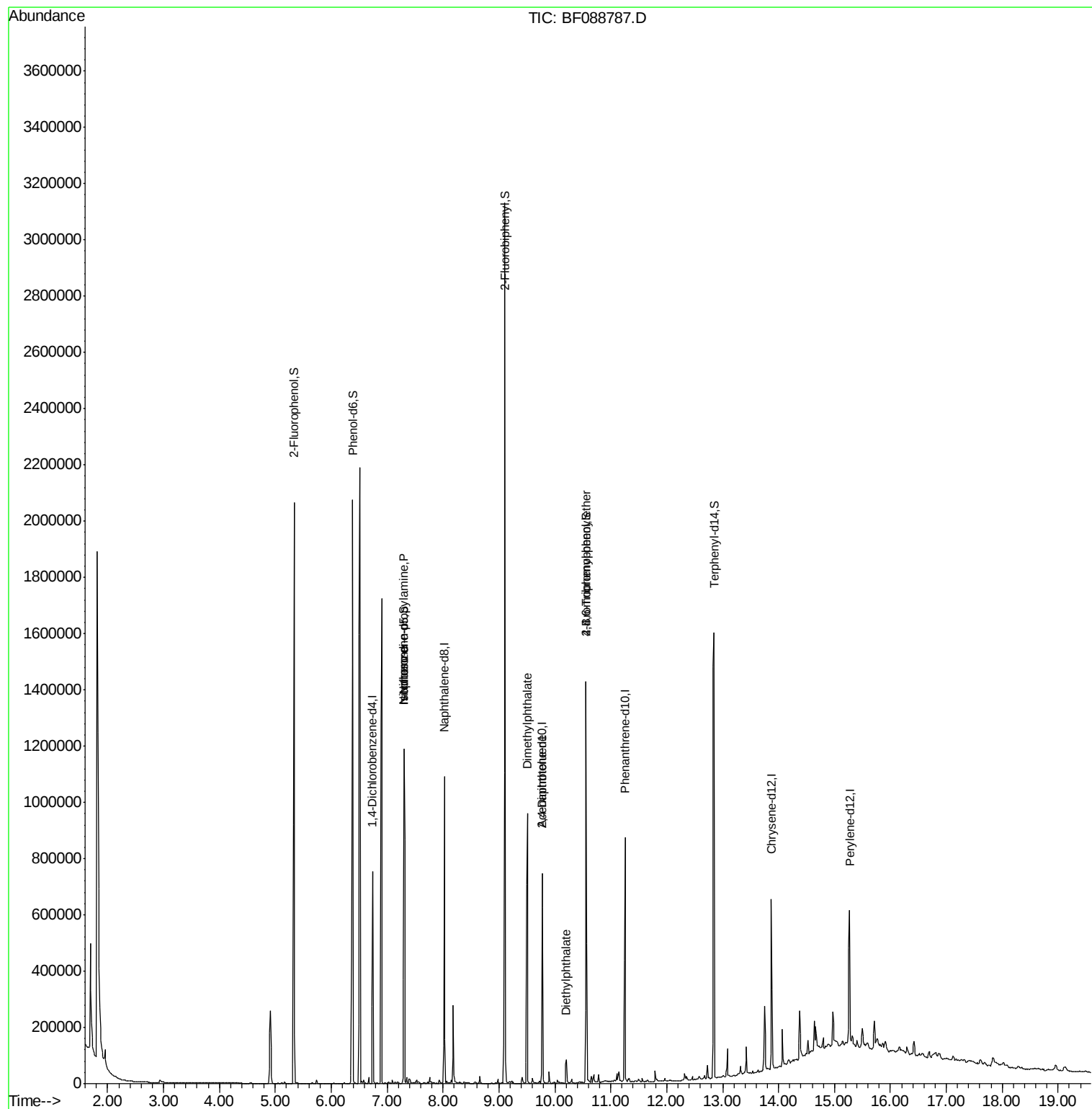
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	118808	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	446038	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	199690	20.00	ng	-0.05
63) Phenanthrene-d10	11.26	188	353773	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	215452	20.00	ng	-0.05
86) Perylene-d12	15.27	264	232134	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	627927	79.21	ng	-0.03
7) Phenol-d6	6.39	99	1017420	99.33	ng	-0.02
23) Nitrobenzene-d5	7.30	82	595283	69.94	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	188299	101.55	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	977181	77.30	ng	-0.03
78) Terphenyl-d14	12.85	244	713836	73.80	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	77849	11.31	ng	# 72
25) Isophorone	7.30	82	502899	31.90	ng	# 65
49) Dimethylphthalate	9.51	163	550264	38.68	ng	99
56) 2,4-Dinitrotoluene	9.77	165	25351	6.15	ng	# 39
59) Diethylphthalate	10.20	149	41402	2.90	ng	97
66) 4-Bromophenyl-phenylether	10.56	248	11693	3.28	ng	# 1

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

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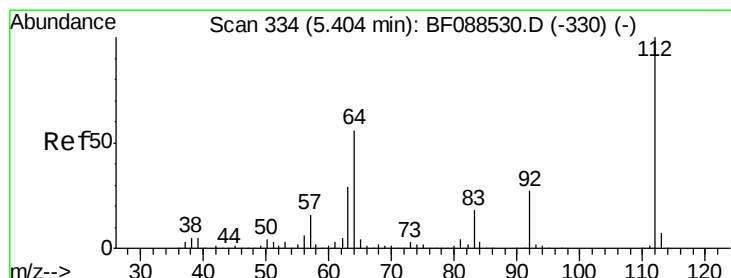
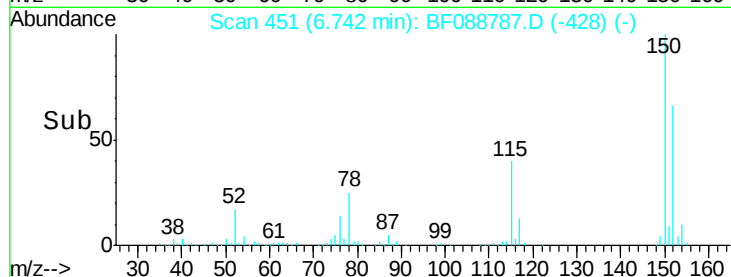
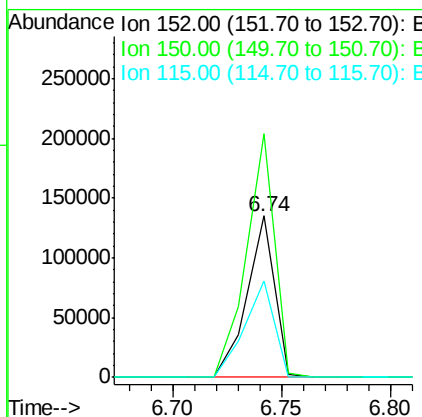
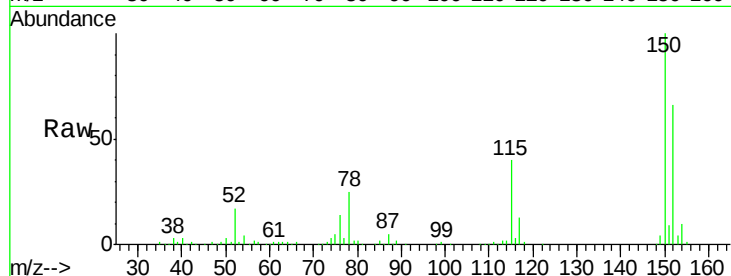




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF088787.D
 Acq: 7 Jul 2016 19:13

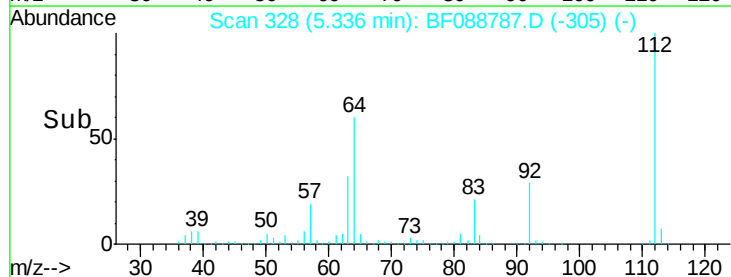
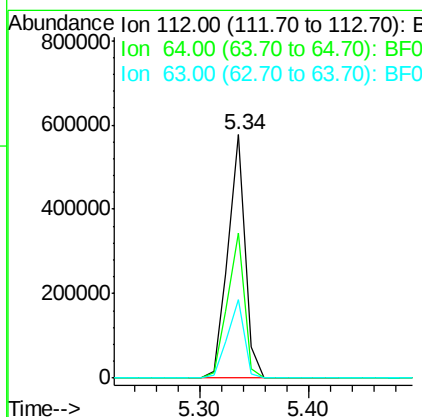
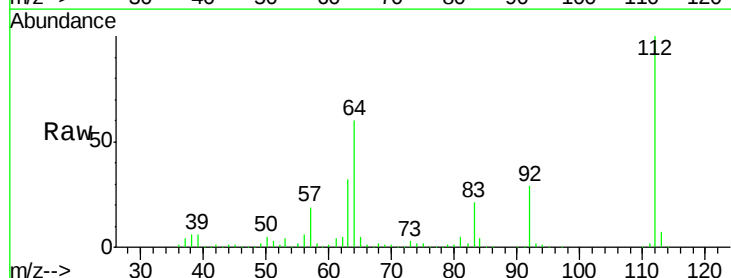
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-011RE

Tgt Ion:152 Resp: 118808
 Ion Ratio Lower Upper
 152 100
 150 151.1 123.8 185.6
 115 60.1 39.6 59.4#



#5
 2-Fluorophenol
 Concen: 79.21 ng
 RT: 5.34 min Scan# 328
 Delta R.T. -0.03 min
 Lab File: BF088787.D
 Acq: 7 Jul 2016 19:13

Tgt Ion:112 Resp: 627927
 Ion Ratio Lower Upper
 112 100
 64 59.7 42.2 63.2
 63 32.1 21.8 32.8





#7

Phenol-d6

Concen: 99.33 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088787.D

Acq: 7 Jul 2016 19:13

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-011RE

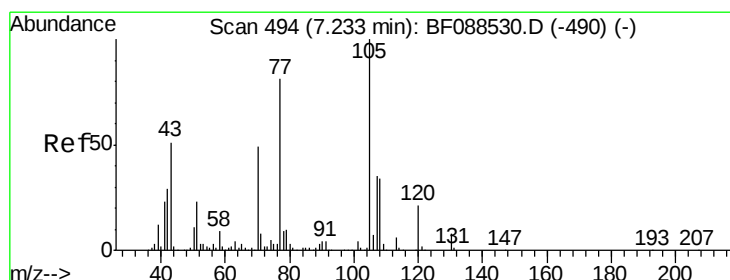
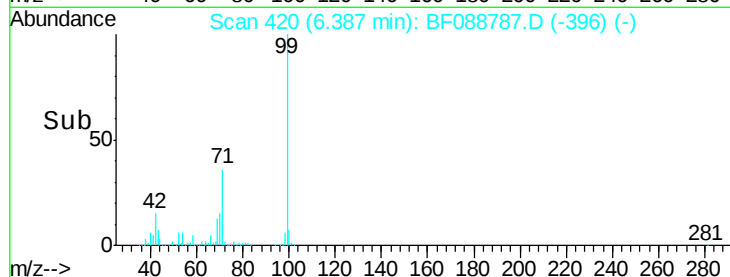
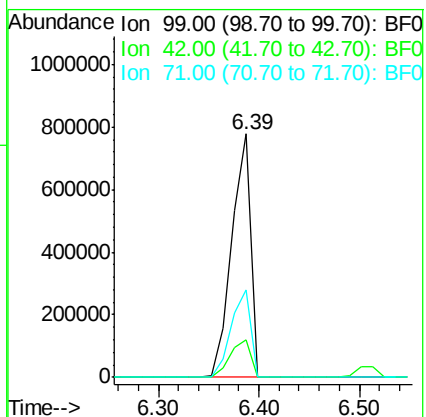
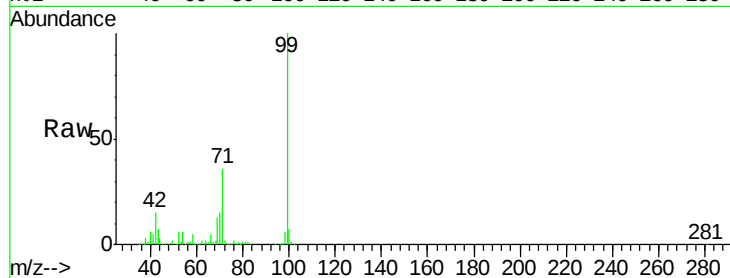
Tgt Ion: 99 Resp: 1017420

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

71 35.9 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 11.31 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.10 min

Lab File: BF088787.D

Acq: 7 Jul 2016 19:13

Tgt Ion: 70 Resp: 77849

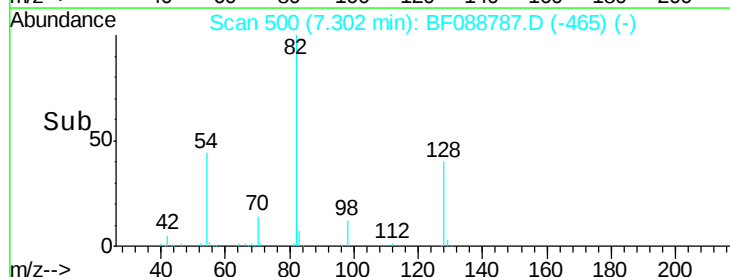
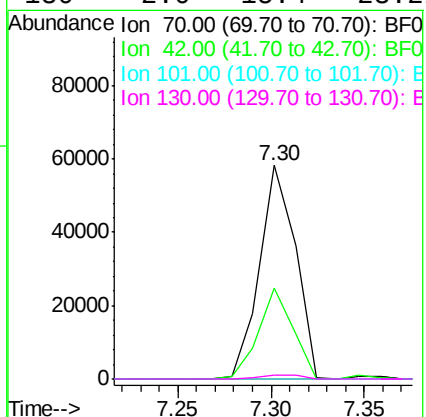
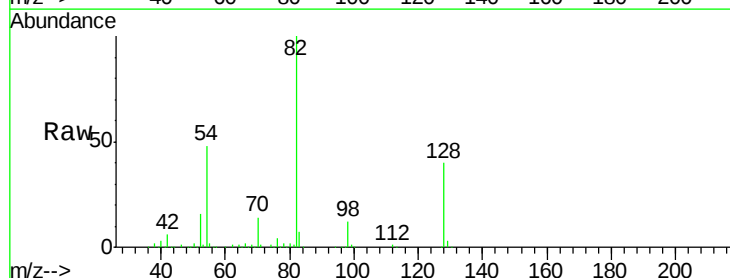
Ion Ratio Lower Upper

70 100

42 42.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088787.D

Acq: 7 Jul 2016 19:13

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-011RE

Tgt Ion:136 Resp: 446038

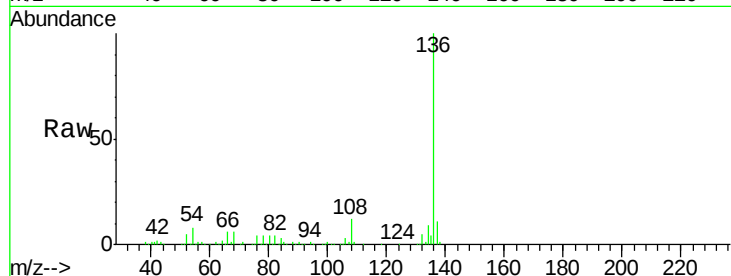
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.4 6.6 10.0

68 6.5 5.1 7.7

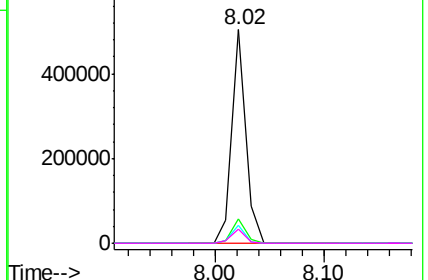
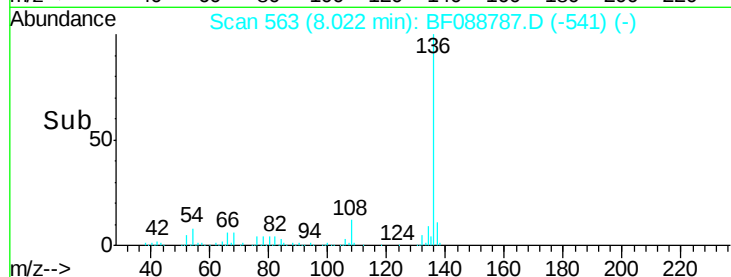


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.94 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF088787.D

Acq: 7 Jul 2016 19:13

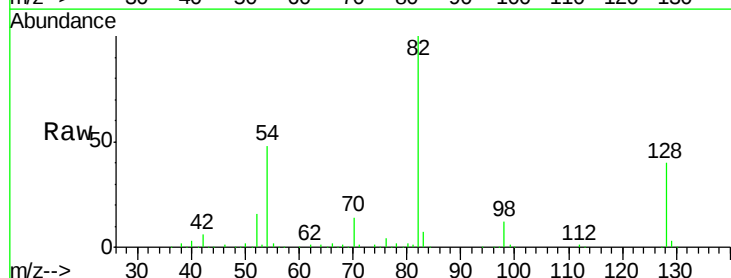
Tgt Ion: 82 Resp: 595283

Ion Ratio Lower Upper

82 100

128 39.8 35.9 53.9

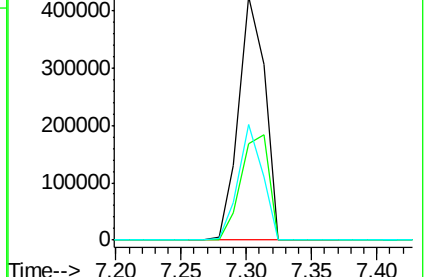
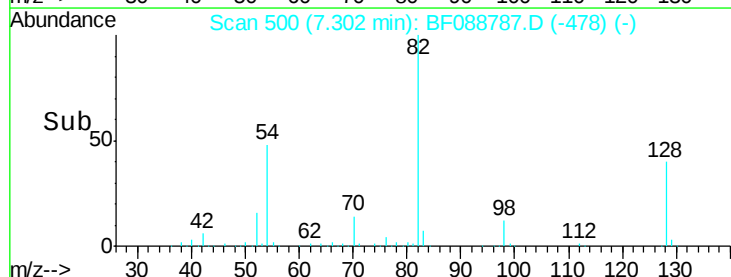
54 47.5 40.9 61.3

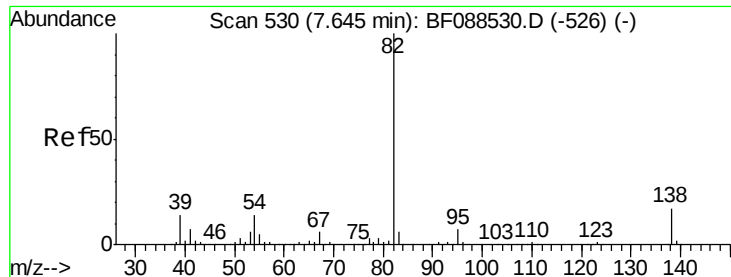


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.90 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.31 min

Lab File: BF088787.D

Acq: 7 Jul 2016 19:13

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-011RE

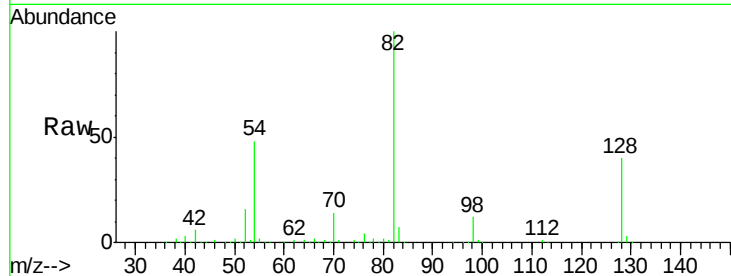
Tgt Ion: 82 Resp: 502899

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

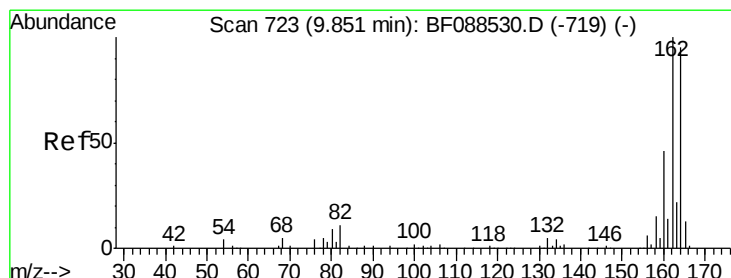
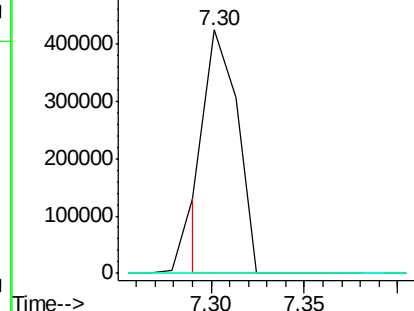
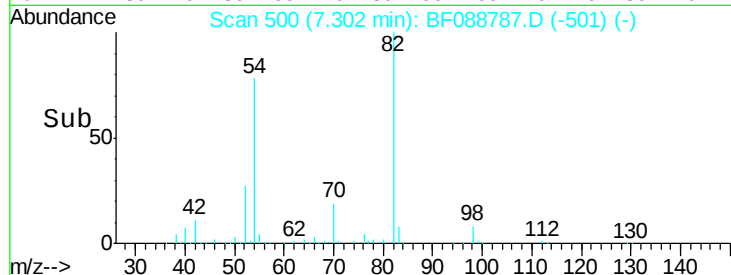
138 0.0 14.6 21.8#



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: 9.77 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF088787.D

Acq: 7 Jul 2016 19:13

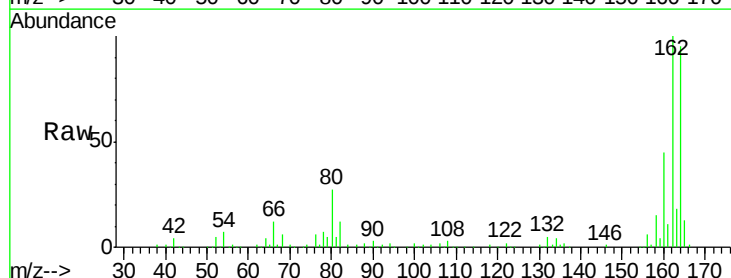
Tgt Ion: 164 Resp: 199690

Ion Ratio Lower Upper

164 100

162 105.2 85.4 128.2

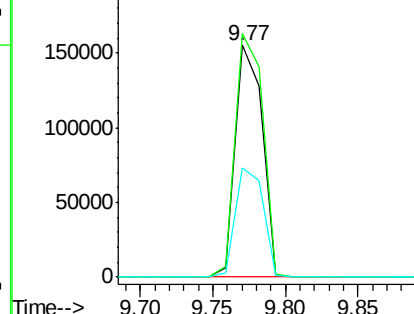
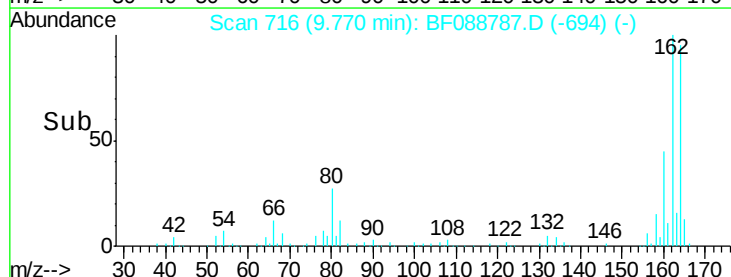
160 46.9 39.5 59.3



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

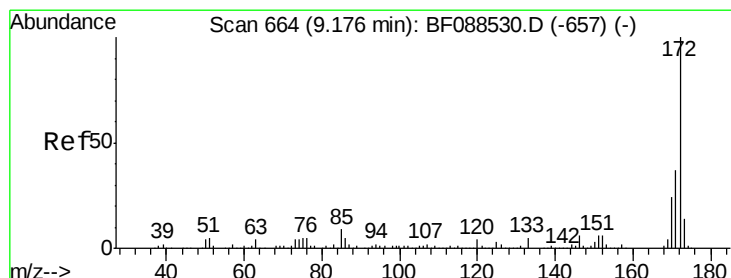
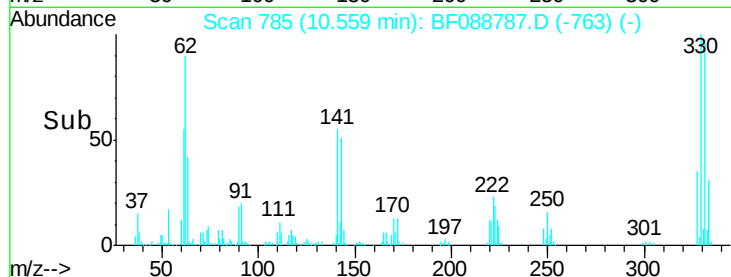
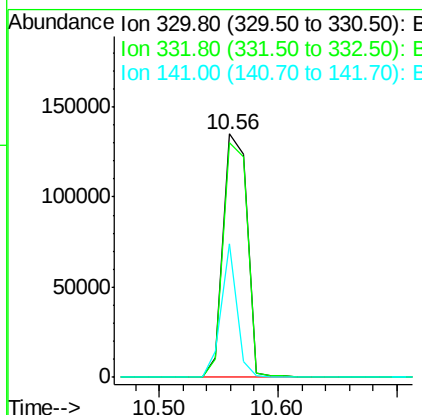
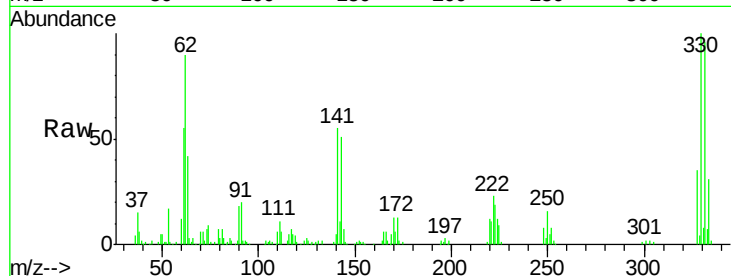




#41
 2,4,6-Tribromophenol
 Concen: 101.55 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF088787.D
 Acq: 7 Jul 2016 19:13

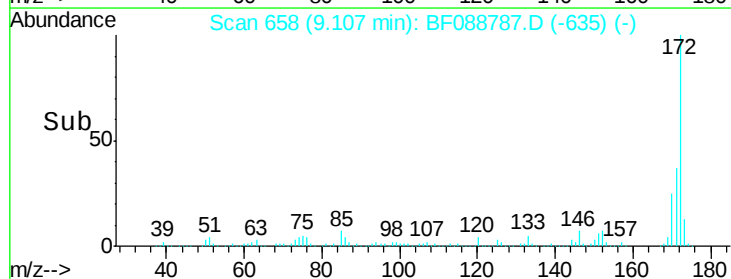
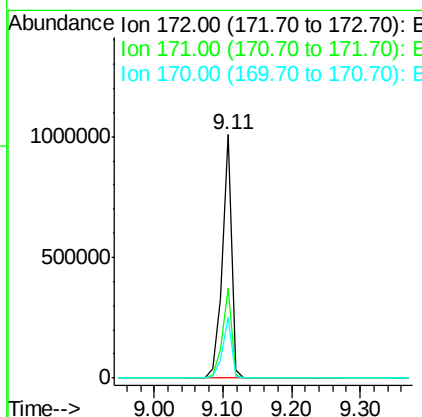
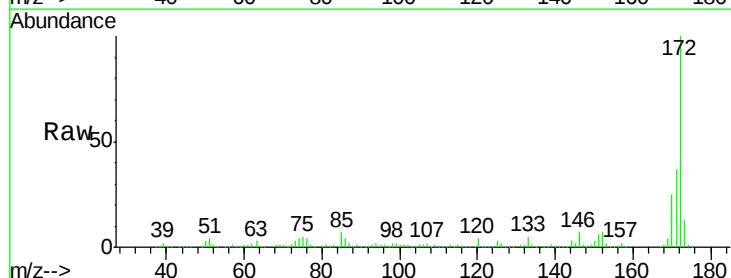
Instrument :
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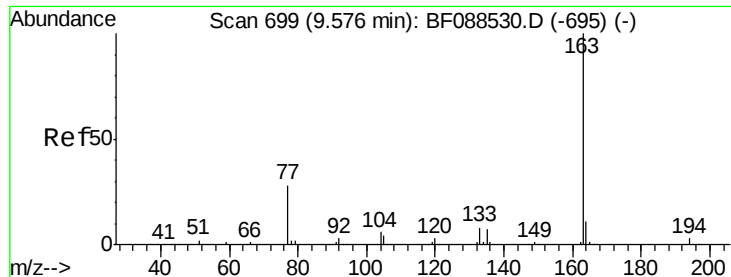
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	36.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 77.30 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088787.D
 Acq: 7 Jul 2016 19:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	24.6	19.2	28.8

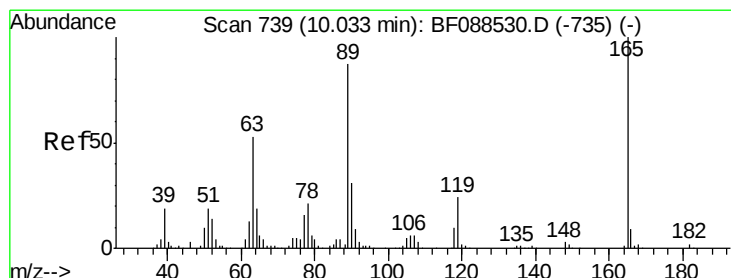
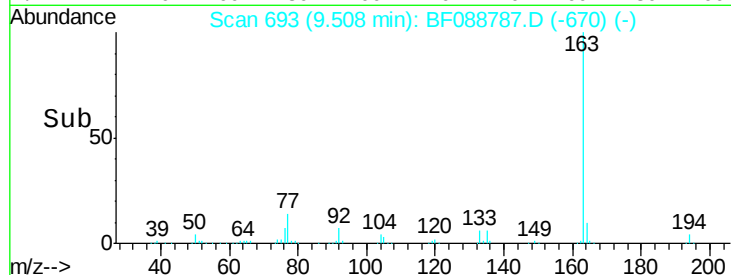
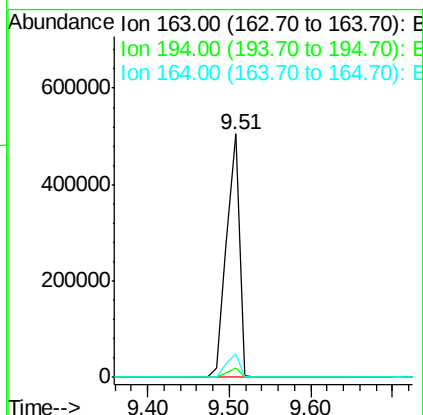
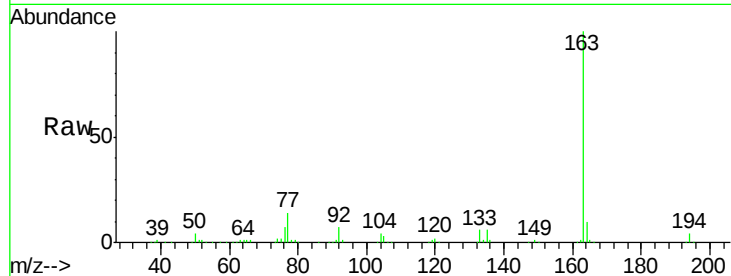




#49
Dimethylphthalate
Concen: 38.68 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF088787.D
Acq: 7 Jul 2016 19:13

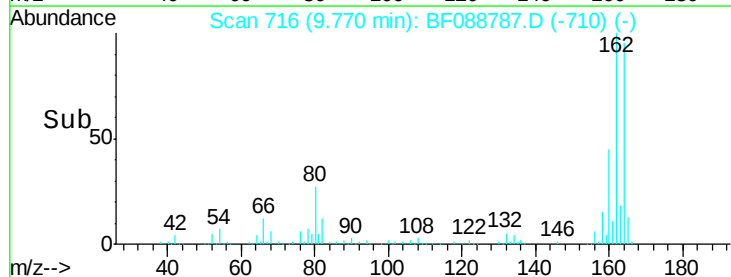
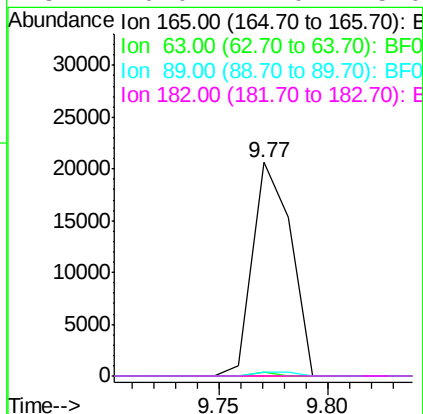
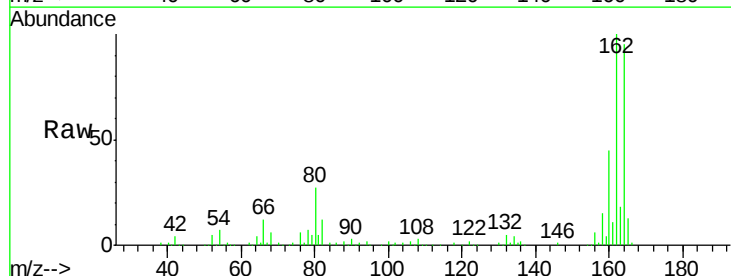
Instrument :
BNA_F
ClientSampleId :
TILCON-GF-011RE

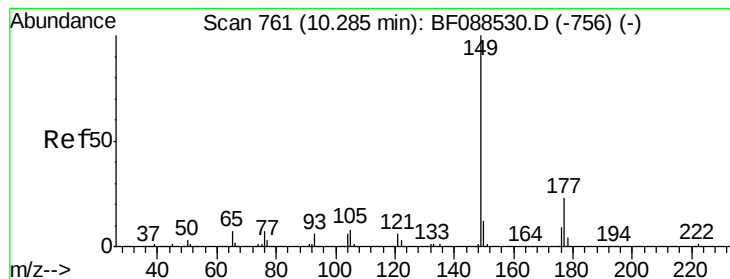
Tgt Ion:163 Resp: 550264
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.9 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.23 min
Lab File: BF088787.D
Acq: 7 Jul 2016 19:13

Tgt Ion:165 Resp: 25351
Ion Ratio Lower Upper
165 100
63 2.1 22.0 33.0#
89 2.1 41.1 61.7#
182 0.0 2.0 3.0#





#59

Diethylphthalate

Concen: 2.90 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.03 min

Lab File: BF088787.D

Acq: 7 Jul 2016 19:13

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-011RE

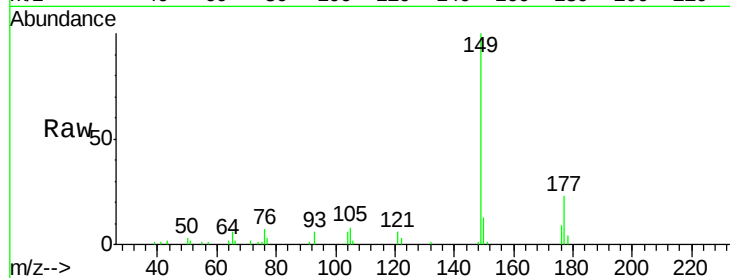
Tgt Ion:149 Resp: 41402

Ion Ratio Lower Upper

149 100

177 23.0 16.9 25.3

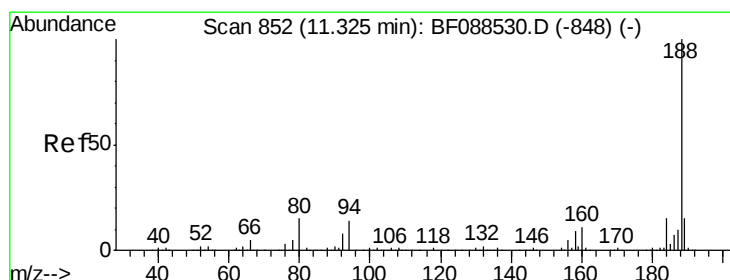
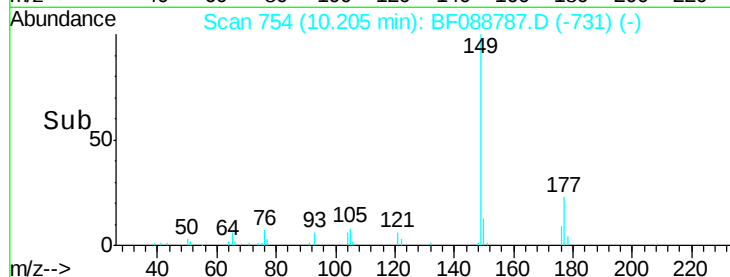
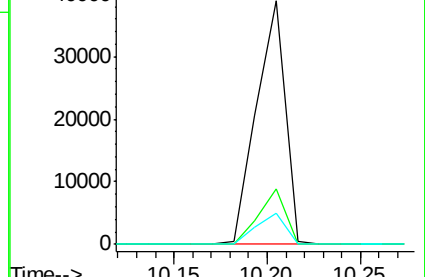
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF088787.D

Acq: 7 Jul 2016 19:13

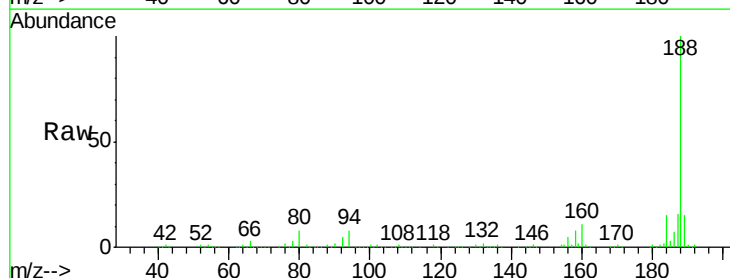
Tgt Ion:188 Resp: 353773

Ion Ratio Lower Upper

188 100

94 7.7 9.0 13.6#

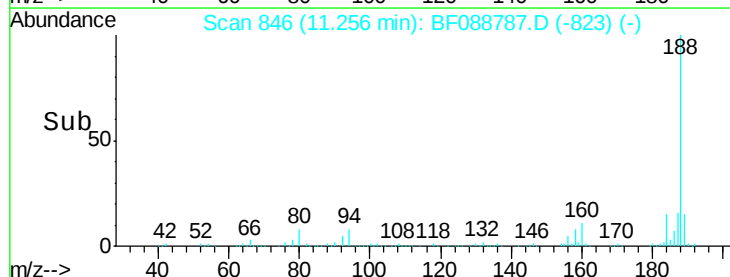
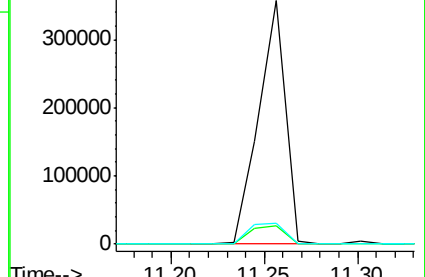
80 8.3 10.0 15.0#

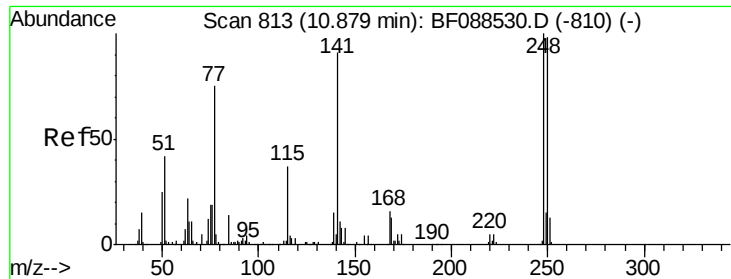


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

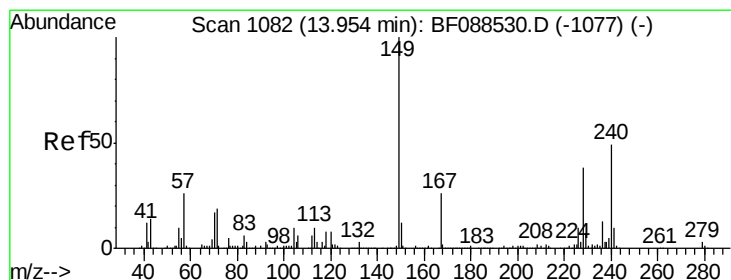
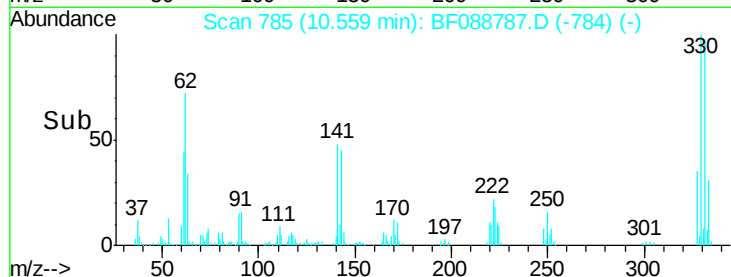
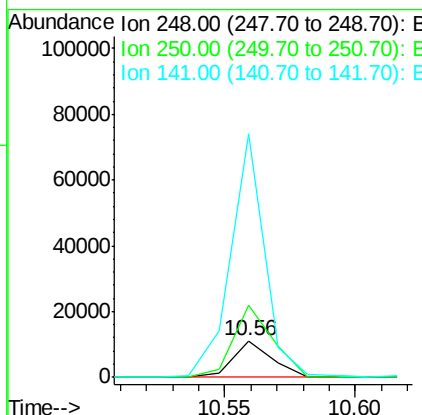
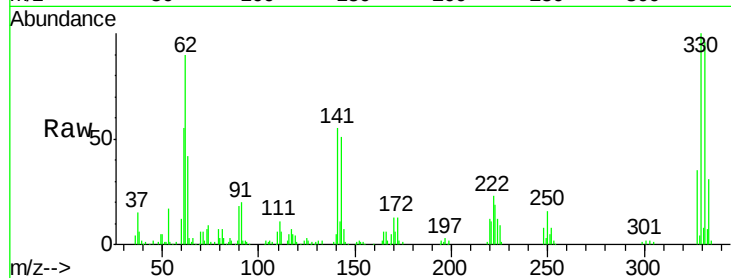




#66
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.29 min
Lab File: BF088787.D
Acq: 7 Jul 2016 19:13

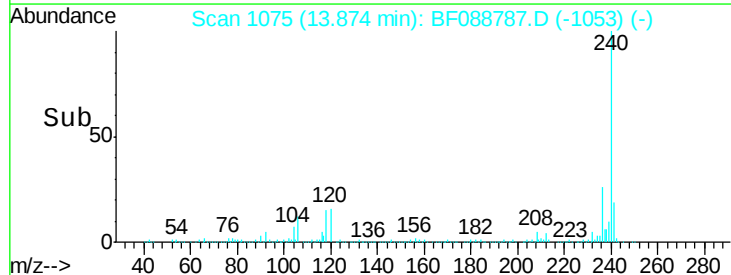
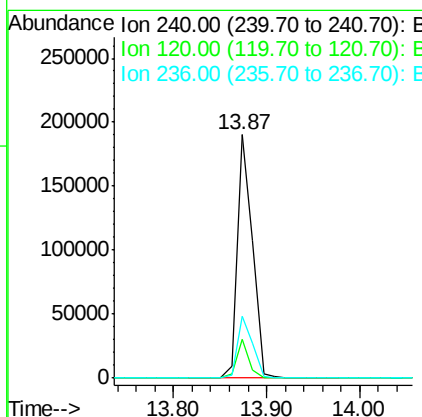
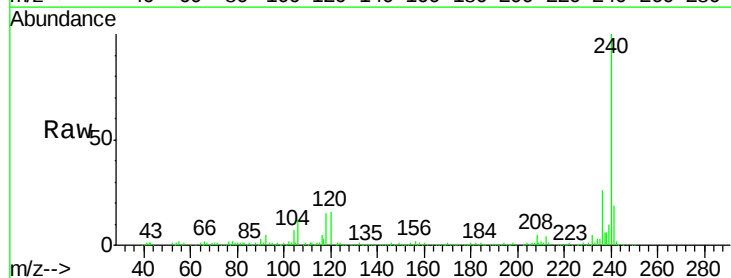
Instrument :
BNA_F
ClientSampleId :
TILCON-GF-011RE

Tgt Ion:248 Resp: 11693
Ion Ratio Lower Upper
248 100
250 195.3 77.1 115.7#
141 662.8 50.6 76.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.05 min
Lab File: BF088787.D
Acq: 7 Jul 2016 19:13

Tgt Ion:240 Resp: 215452
Ion Ratio Lower Upper
240 100
120 16.1 6.8 10.2#
236 25.5 20.2 30.2

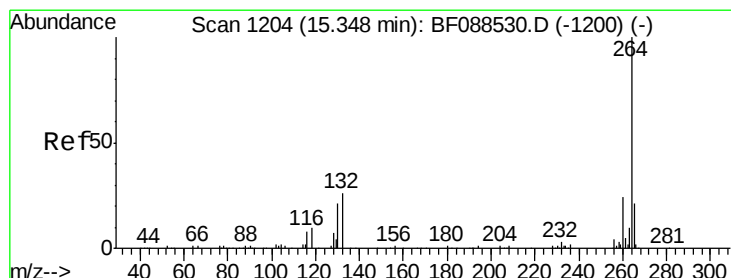
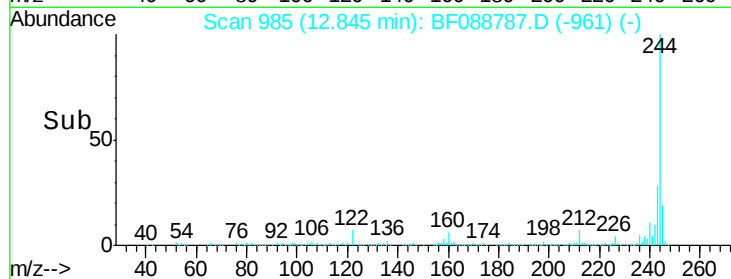
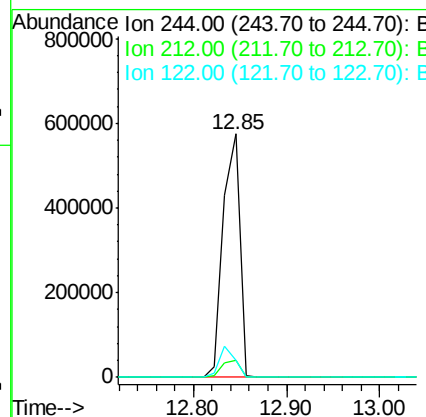
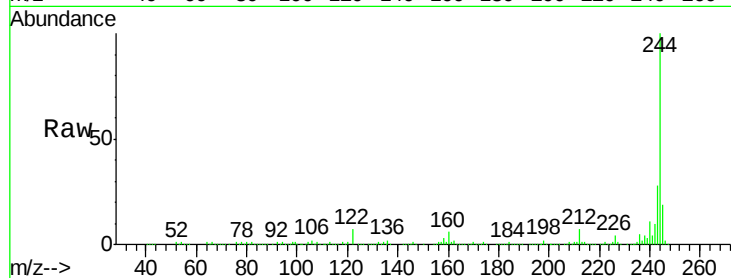




#78
 Terphenyl-d14
 Concen: 73.80 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088787.D
 Acq: 7 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-011RE

Tgt Ion:244 Resp: 713836
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 7.1 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. -0.03 min
 Lab File: BF088787.D
 Acq: 7 Jul 2016 19:13

Tgt Ion:264 Resp: 232134
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 16.9 25.3

