

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088790.D
 Acq On : 7 Jul 2016 20:40
 Operator : UM/SJ
 Sample : H3829-05RE
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-014RE

Quant Time: Jul 08 01:43:23 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

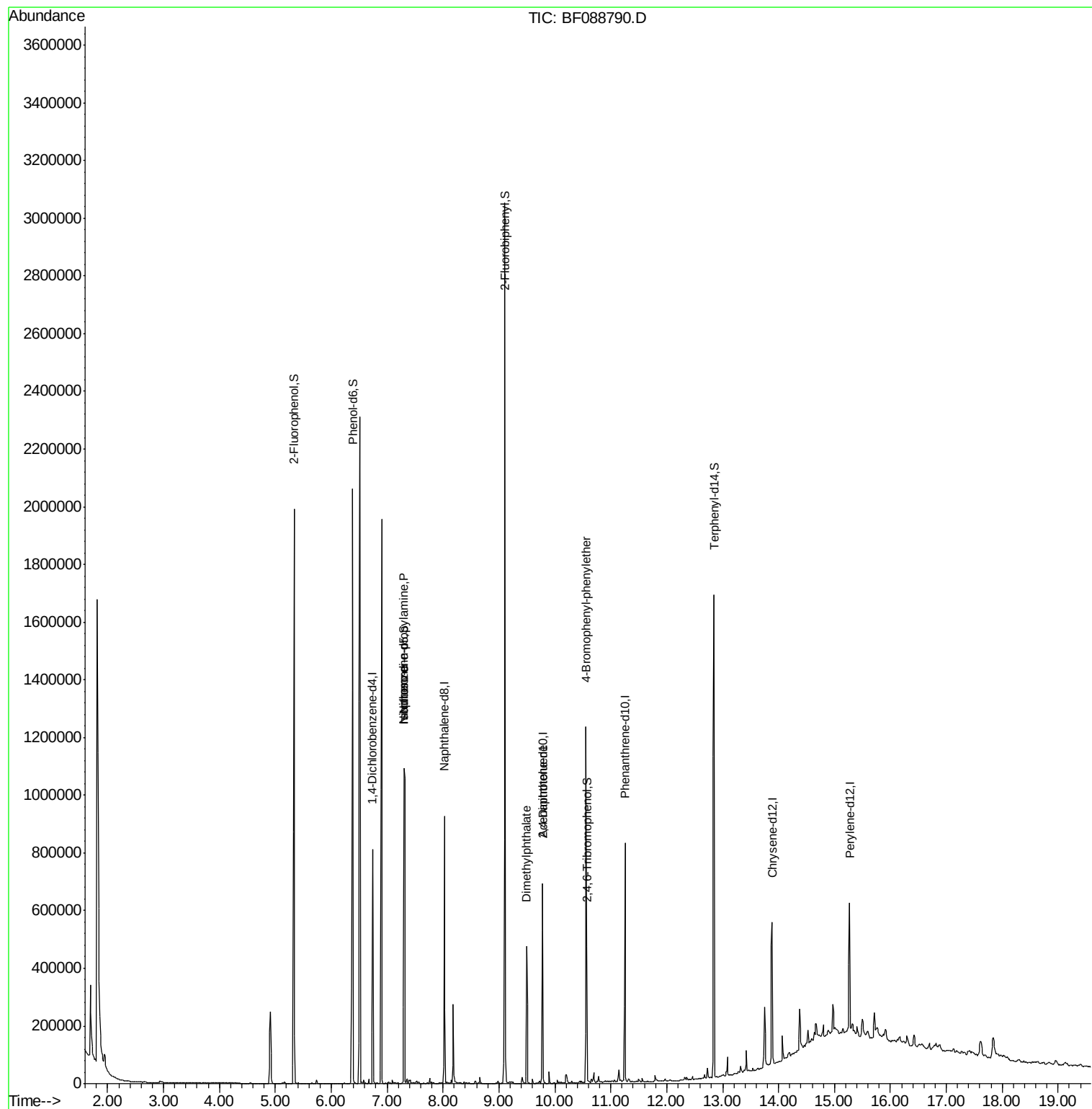
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	115377	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	407488	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	179839	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	299510	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	220135	20.00	ng	-0.03
86) Perylene-d12	15.27	264	195071	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	603163	78.35	ng	-0.03
7) Phenol-d6	6.39	99	942762	94.77	ng	-0.02
23) Nitrobenzene-d5	7.30	82	591404	76.06	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	165426	99.06	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	894387	78.56	ng	-0.03
78) Terphenyl-d14	12.85	244	635957	64.35	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	78965	11.82	ng	# 74
25) Isophorone	7.30	82	526928	36.58	ng	# 65
49) Dimethylphthalate	9.50	163	240560	18.78	ng	99
56) 2,4-Dinitrotoluene	9.78	165	22657	6.10	ng	# 38
66) 4-Bromophenyl-phenylether	10.56	248	9798	3.25	ng	# 1

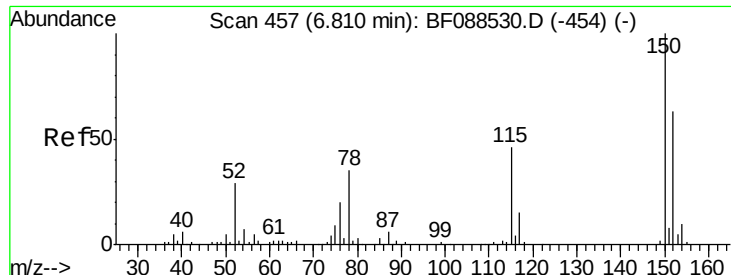
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088790.D

Acq: 7 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-014RE

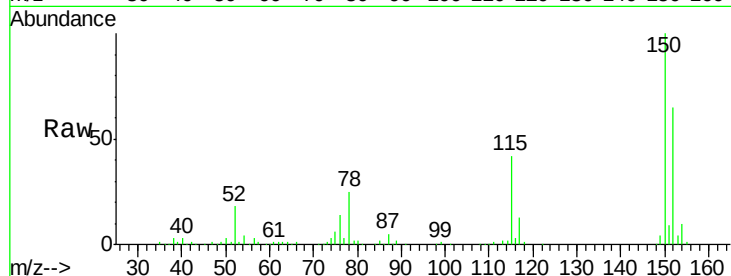
Tgt Ion:152 Resp: 115377

Ion Ratio Lower Upper

152 100

150 153.7 123.8 185.6

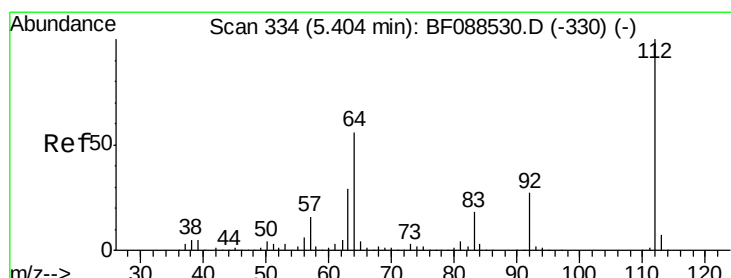
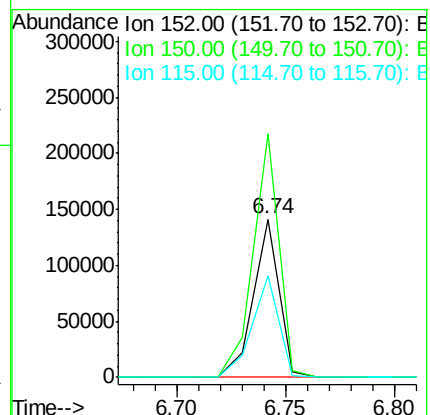
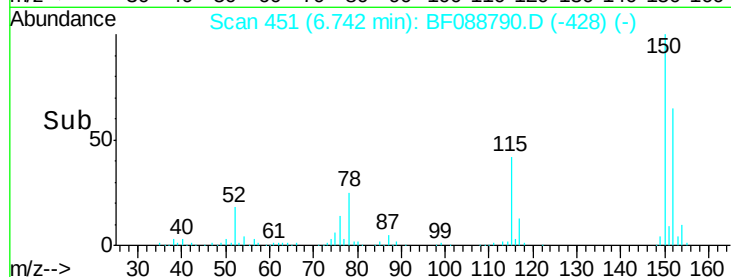
115 63.8 39.6 59.4#



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: 78.35 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

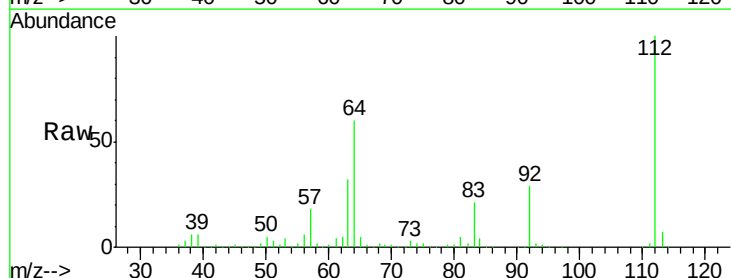
Tgt Ion:112 Resp: 603163

Ion Ratio Lower Upper

112 100

64 59.8 42.2 63.2

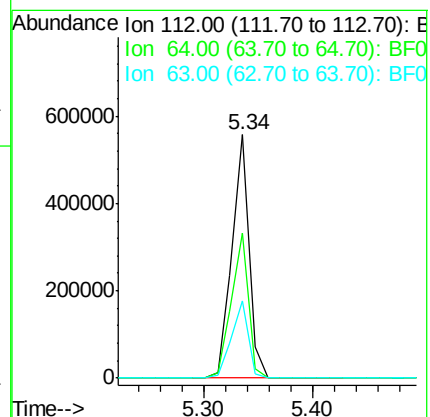
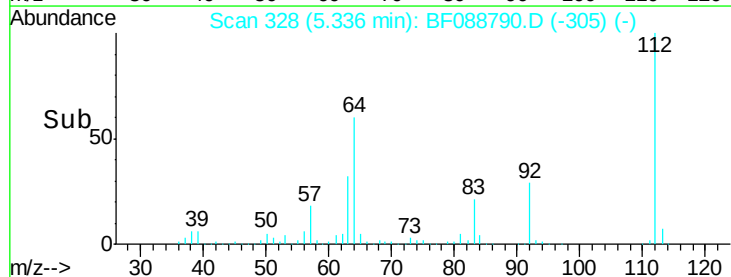
63 32.0 21.8 32.8

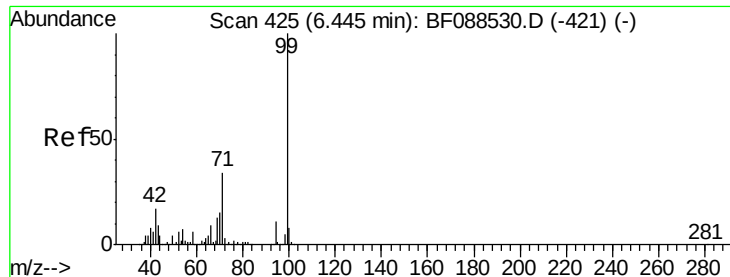


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.77 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-014RE

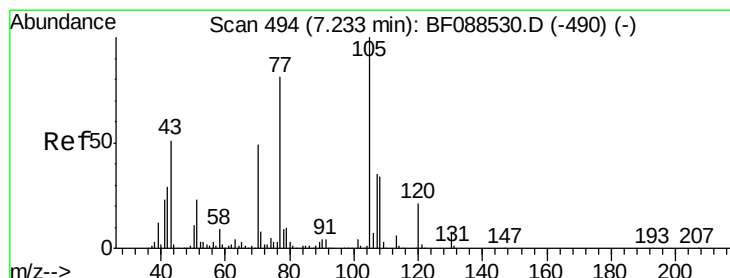
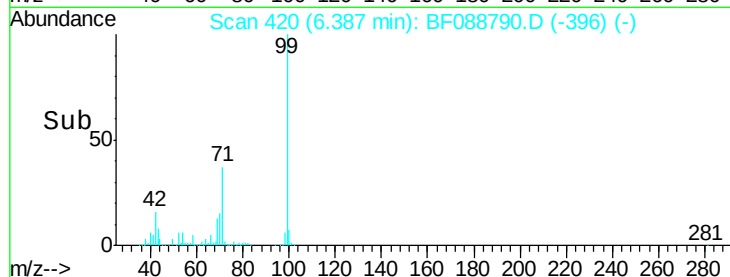
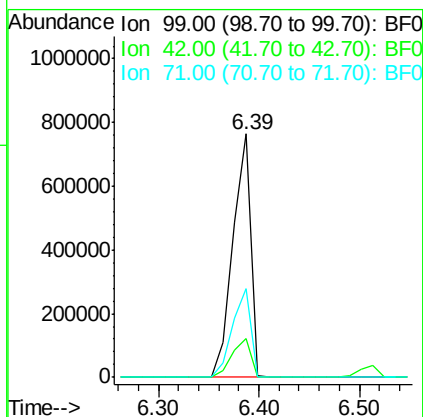
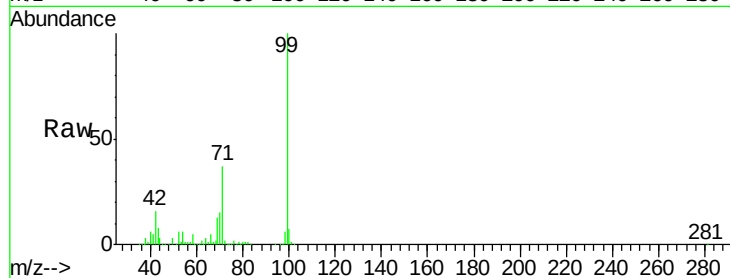
Tgt Ion: 99 Resp: 942762

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

71 36.7 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 11.82 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.10 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

Tgt Ion: 70 Resp: 78965

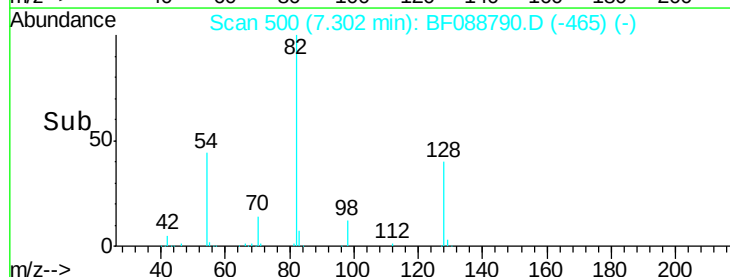
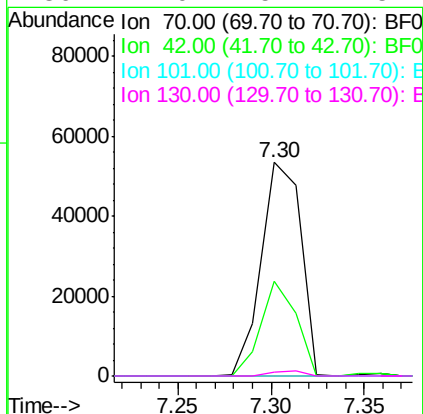
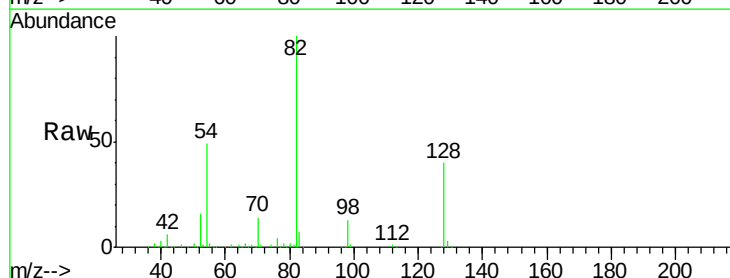
Ion Ratio Lower Upper

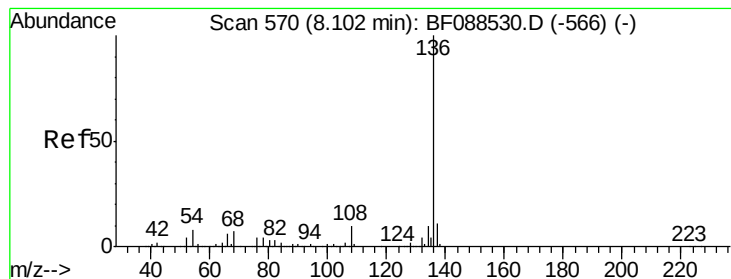
70 100

42 44.3 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: BF088790.D

Acq: 7 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-014RE

Tgt Ion:136 Resp: 407488

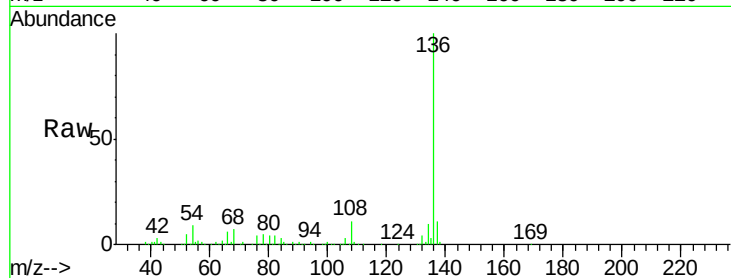
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.8 6.6 10.0

68 6.9 5.1 7.7

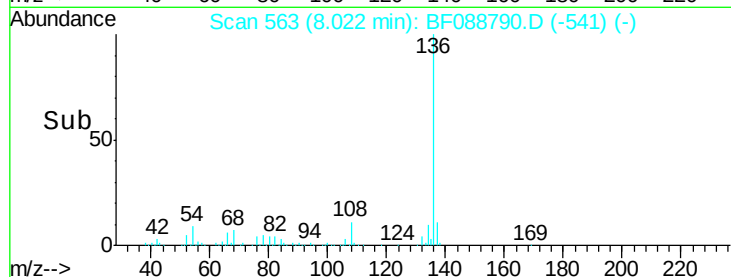


Abundance Ion 136.00 (135.70 to 136.70): E

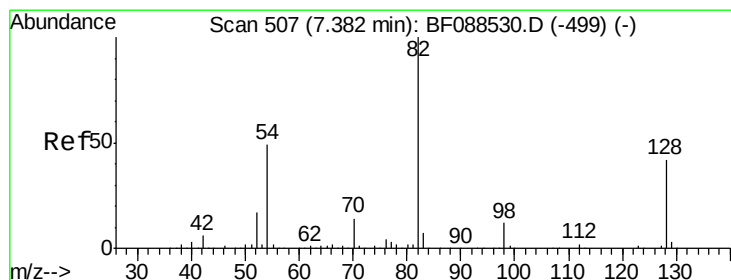
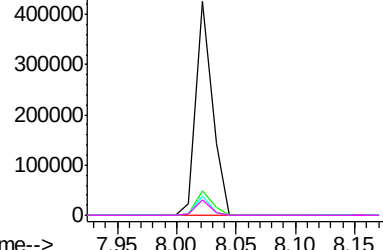
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 76.06 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

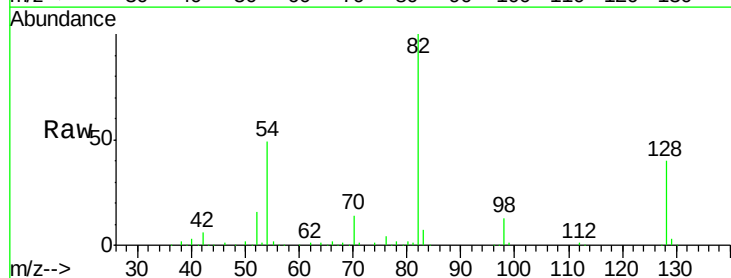
Tgt Ion: 82 Resp: 591404

Ion Ratio Lower Upper

82 100

128 40.2 35.9 53.9

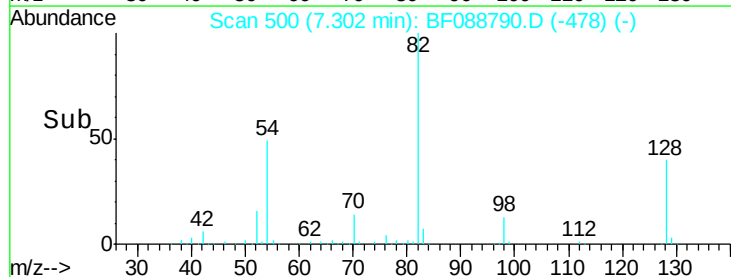
54 48.7 40.9 61.3



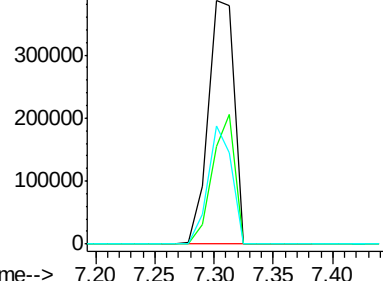
Abundance Ion 82.00 (81.70 to 82.70): BF0

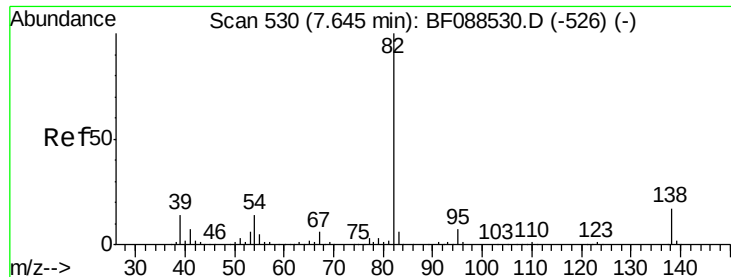
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 36.58 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.31 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-014RE

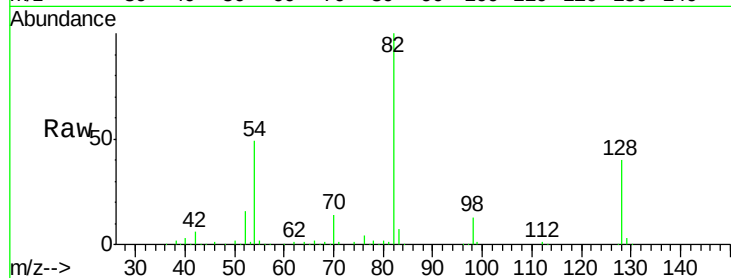
Tgt Ion: 82 Resp: 526928

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

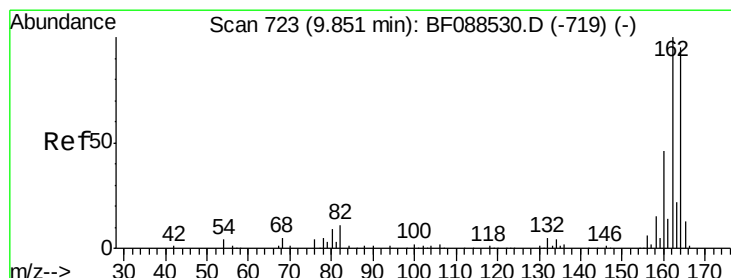
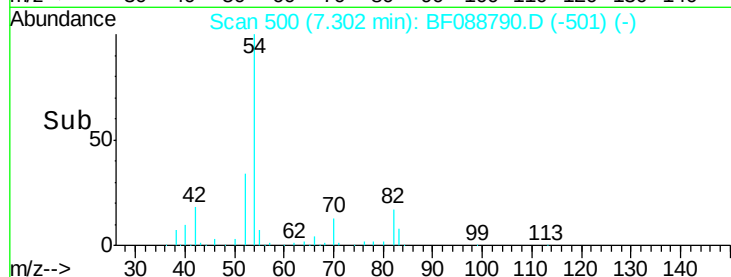
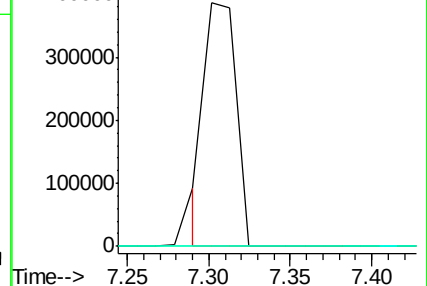
138 0.0 14.6 21.8#



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: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

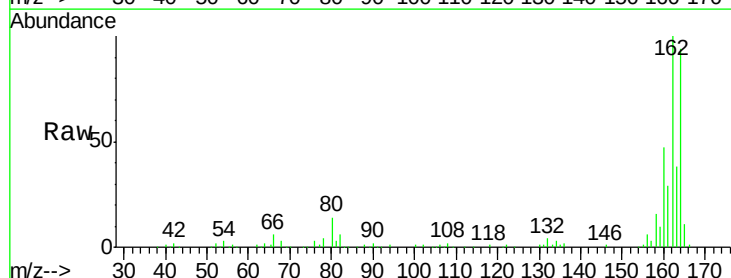
Tgt Ion: 164 Resp: 179839

Ion Ratio Lower Upper

164 100

162 106.6 85.4 128.2

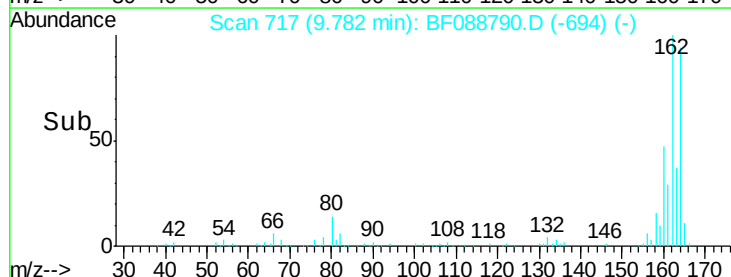
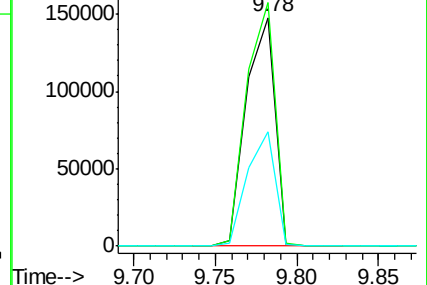
160 50.2 39.5 59.3

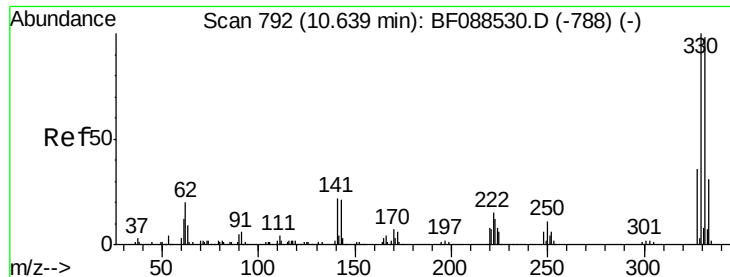


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

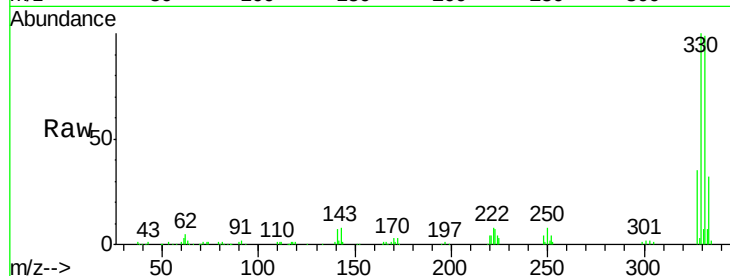




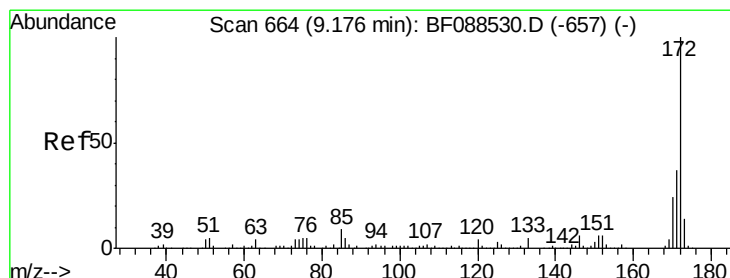
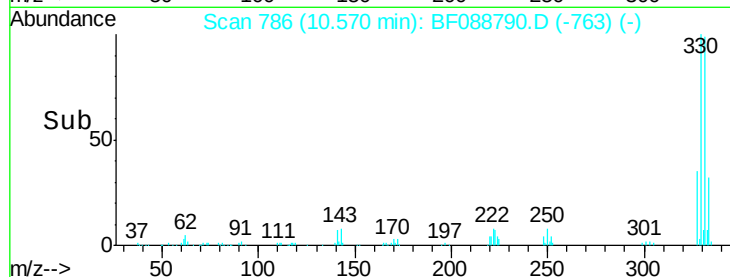
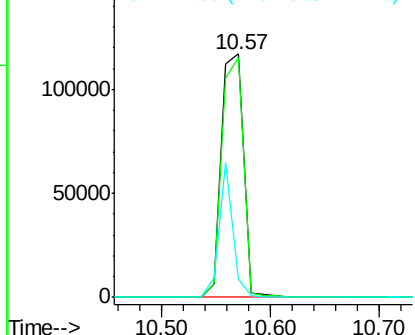
#41
 2,4,6-Tribromophenol
 Concen: 99.06 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088790.D
 Acq: 7 Jul 2016 20:40

Instrument :
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 TILCON-GF-014RE

Tgt Ion:330 Resp: 165426
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 34.9 0.0 0.0#

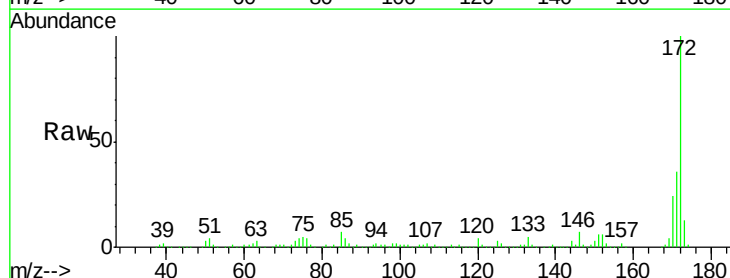


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

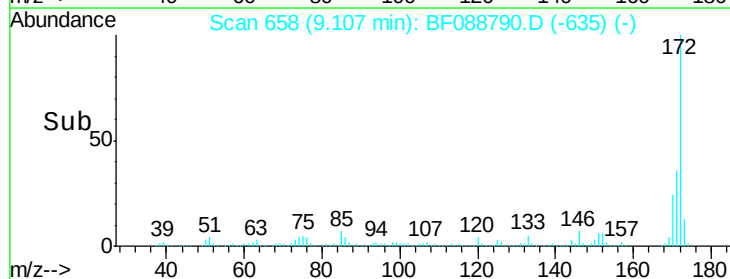
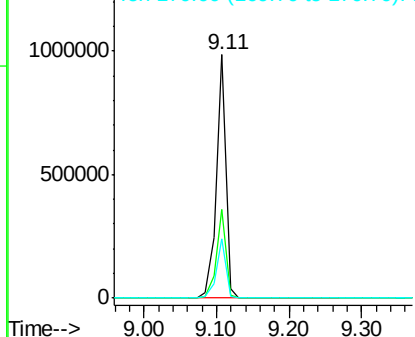


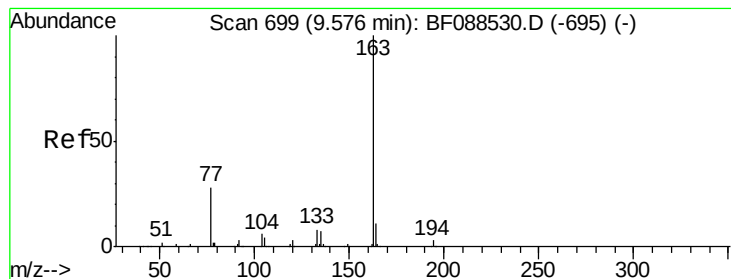
#44
 2-Fluorobiphenyl
 Concen: 78.56 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088790.D
 Acq: 7 Jul 2016 20:40

Tgt Ion:172 Resp: 894387
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.3 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: 18.78 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.05 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-014RE

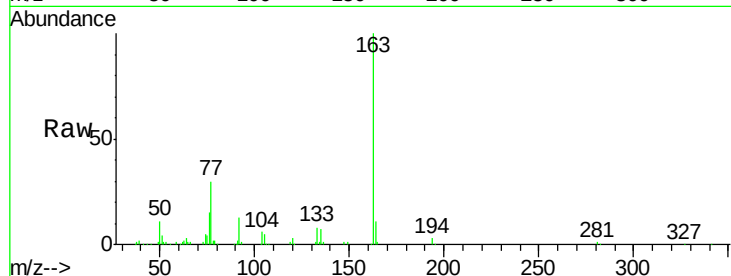
Tgt Ion:163 Resp: 240560

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

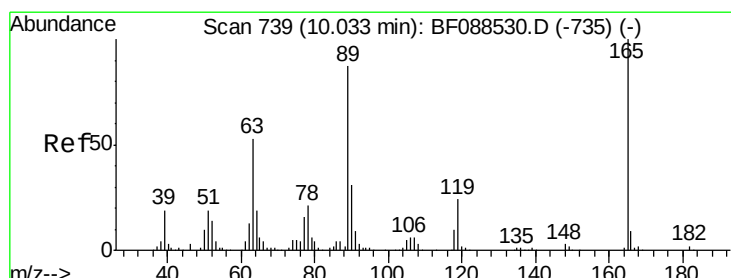
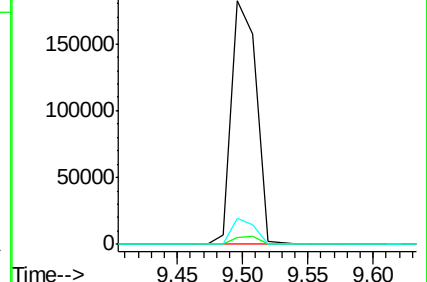
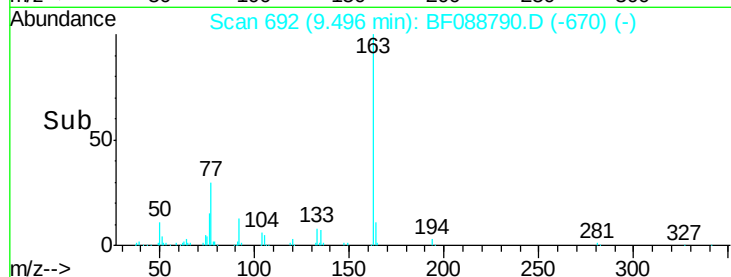
164 10.5 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.10 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.22 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

Tgt Ion:165 Resp: 22657

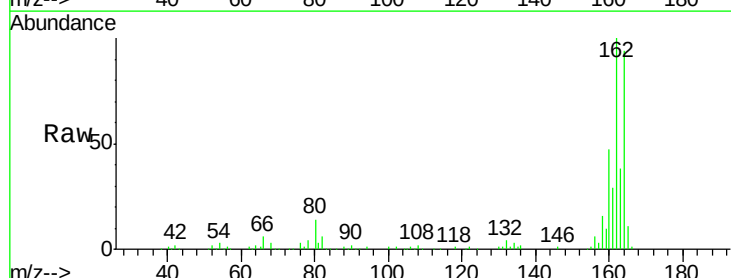
Ion Ratio Lower Upper

165 100

63 1.8 22.0 33.0#

89 1.9 41.1 61.7#

182 0.0 2.0 3.0#

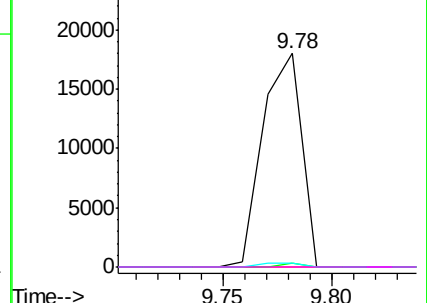
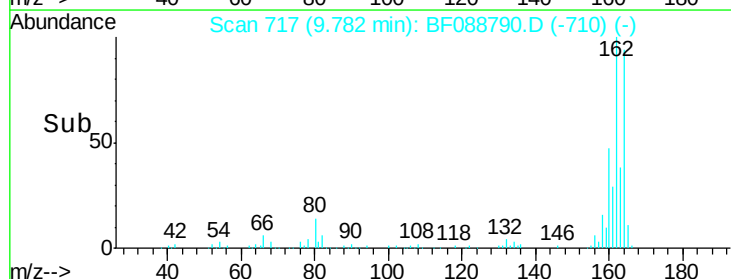


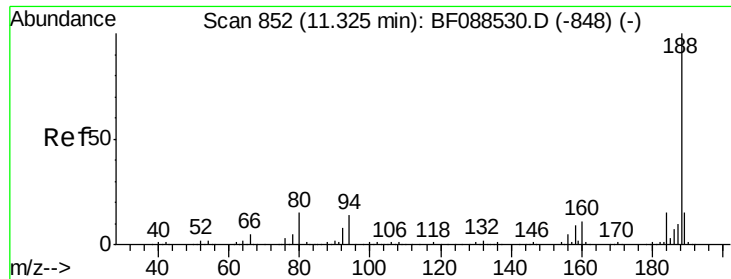
Abundance Ion 165.00 (164.70 to 165.70): E

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

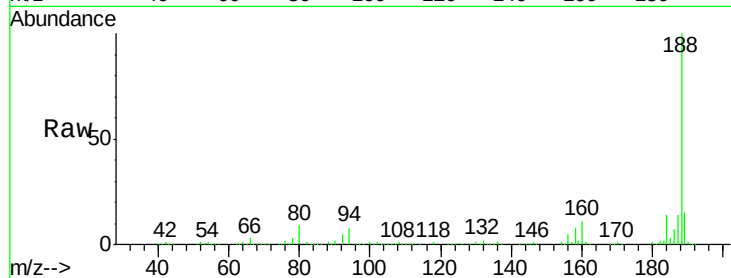




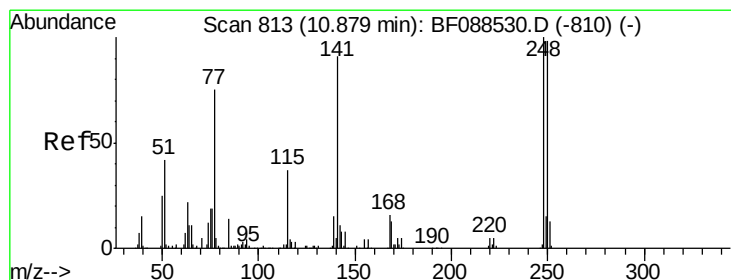
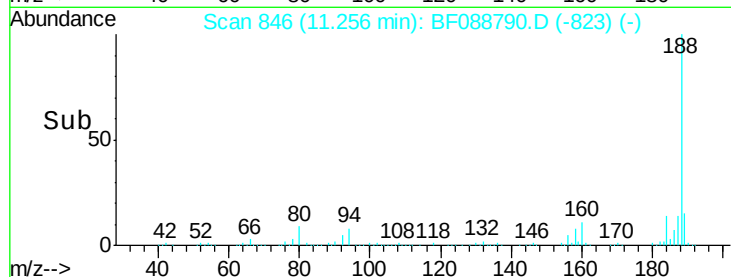
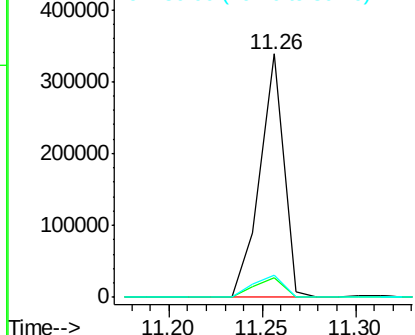
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088790.D
Acq: 7 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-014RE

Tgt Ion:188 Resp: 299510
Ion Ratio Lower Upper
188 100
94 8.2 9.0 13.6#
80 9.0 10.0 15.0#

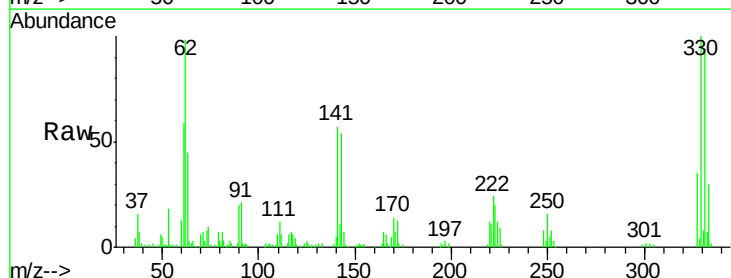


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

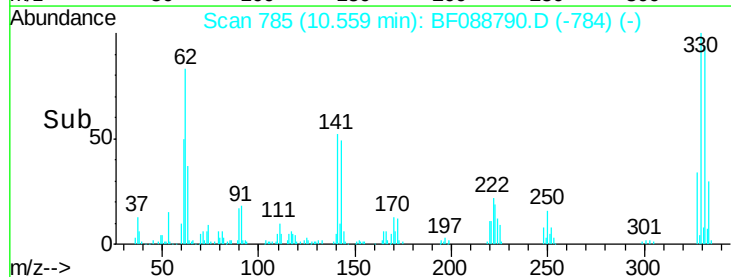
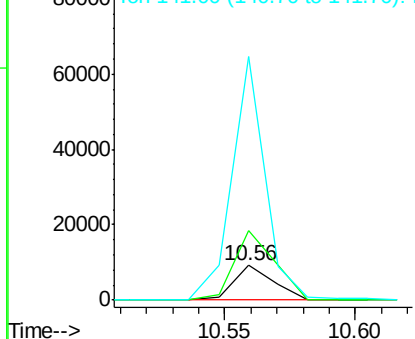


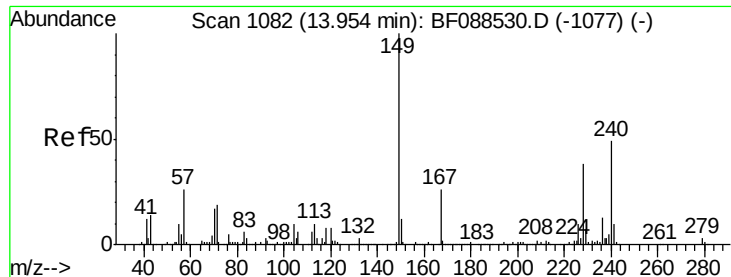
#66
4-Bromophenyl-phenylether
Concen: 3.25 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.29 min
Lab File: BF088790.D
Acq: 7 Jul 2016 20:40

Tgt Ion:248 Resp: 9798
Ion Ratio Lower Upper
248 100
250 201.6 77.1 115.7#
141 702.8 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-014RE

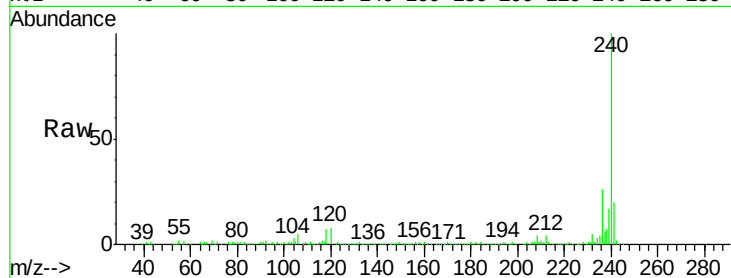
Tgt Ion:240 Resp: 220135

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

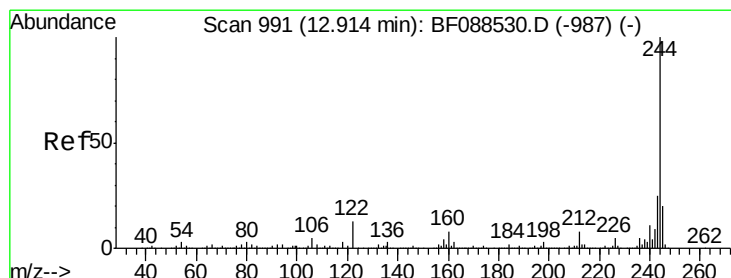
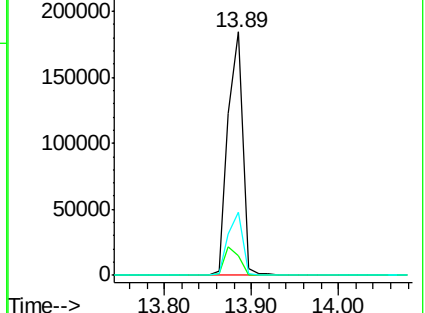
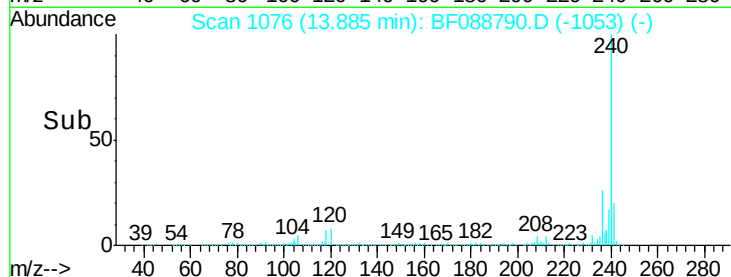
236 26.0 20.2 30.2



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: 64.35 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

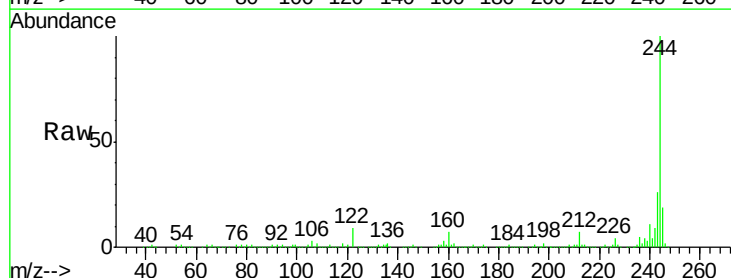
Tgt Ion:244 Resp: 635957

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

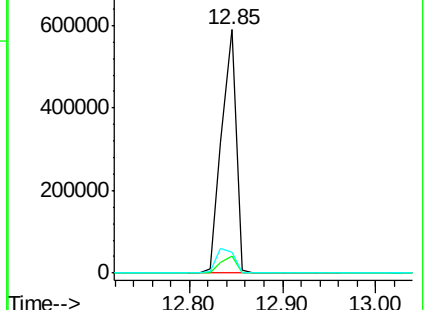
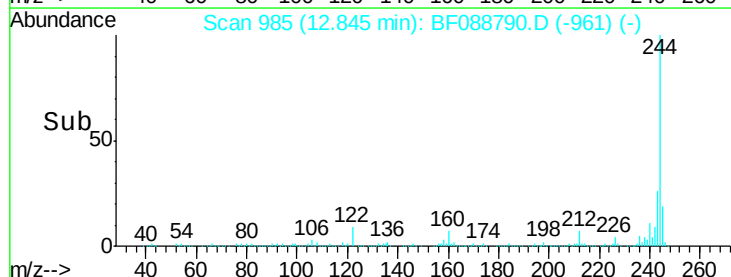
122 8.5 11.2 16.8#

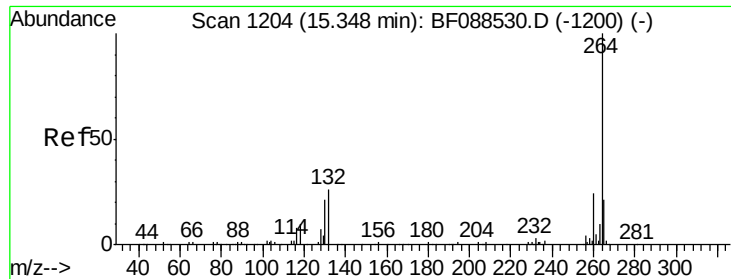


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088790.D
Acq: 7 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-014RE

Tgt Ion: 264 Resp: 195071
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.3 16.9 25.3

