

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
 Data File : BF084322.D
 Acq On : 8 Jan 2016 2:29
 Operator : SJ/UM
 Sample : H1029-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

Quant Time: Jan 08 04:46:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

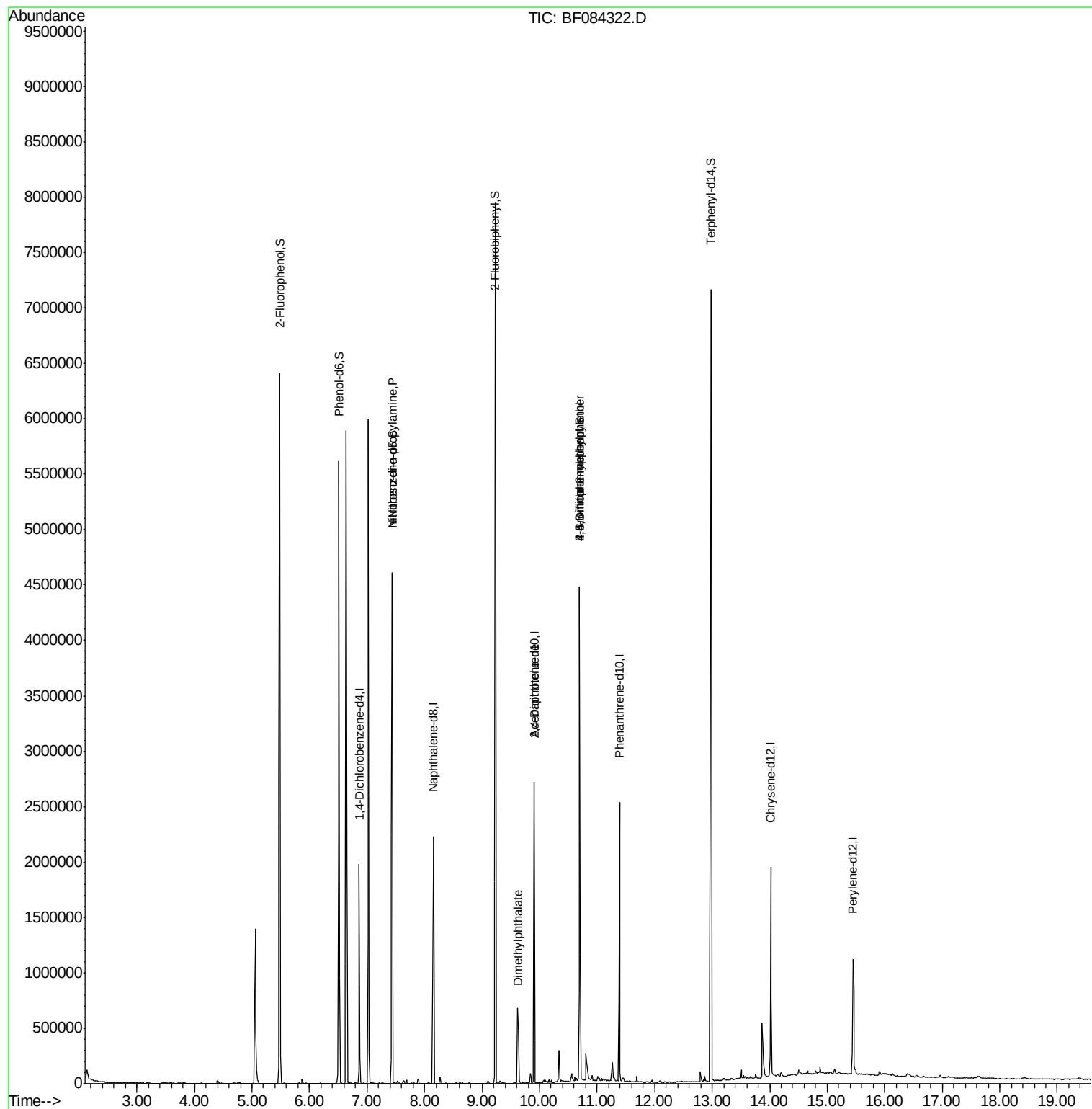
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	250062	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1083582	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	492733	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	885924	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	703943	20.00	ng	-0.05
86) Perylene-d12	15.45	264	537908	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1734958	112.22	ng	-0.01
7) Phenol-d6	6.51	99	2042449	105.19	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1599305	82.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	523349	105.21	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2211546	78.47	ng	-0.03
78) Terphenyl-d14	12.98	244	2172464	68.89	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	226829	17.26	ng	# 72
49) Dimethylphthalate	9.63	163	360187	10.23	ng	# 91
54) Dibenzofuran	10.10	168	272	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.90	165	64298	6.58	ng	# 22
57) Fluorene	10.69	166	22060	Below Cal	#	93
64) 4,6-Dinitro-2-methylphenol	10.69	198	843	6.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	32624	3.42	ng	# 1
73) Di-n-butylphthalate	11.95	149	10969	Below Cal	#	95

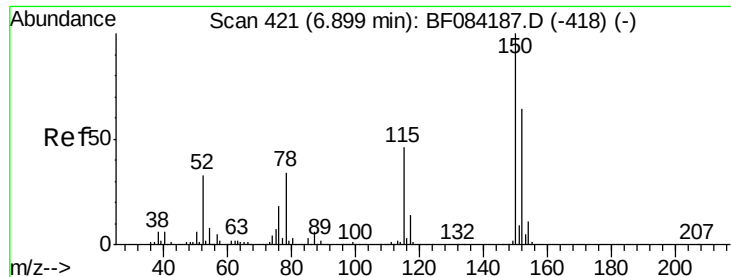
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

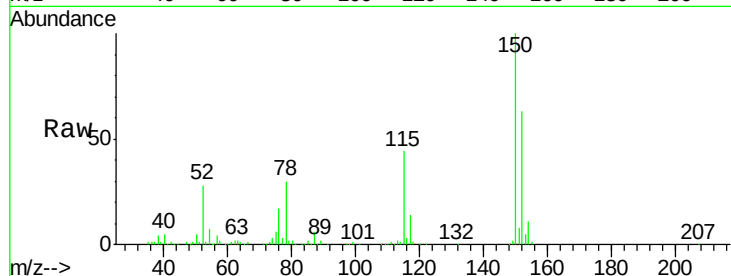
Tgt Ion:152 Resp: 250062

Ion Ratio Lower Upper

152 100

150 158.9 123.0 184.4

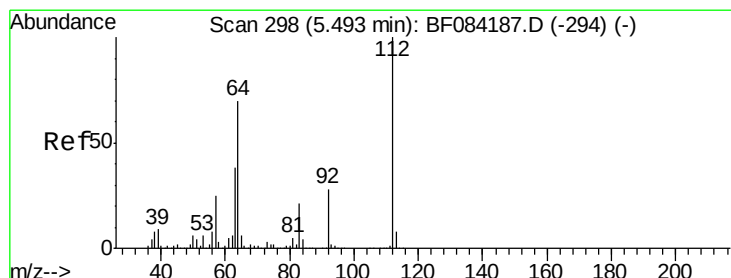
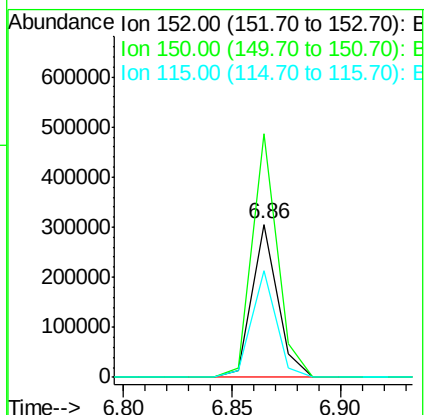
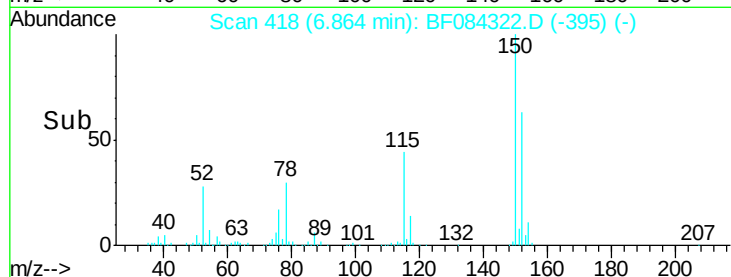
115 69.7 51.4 77.2



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: 112.22 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

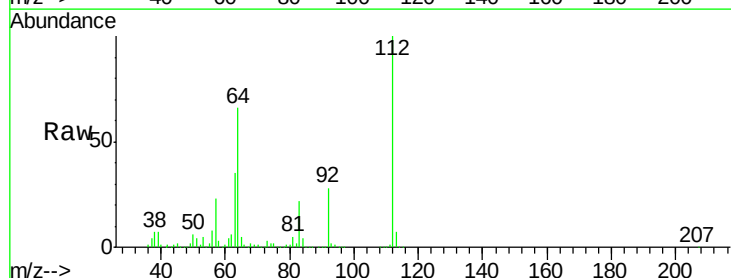
Tgt Ion:112 Resp: 1734958

Ion Ratio Lower Upper

112 100

64 65.6 36.6 55.0#

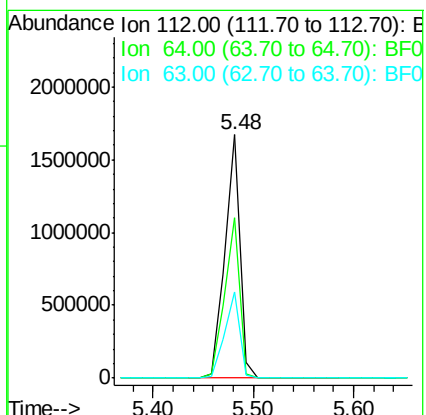
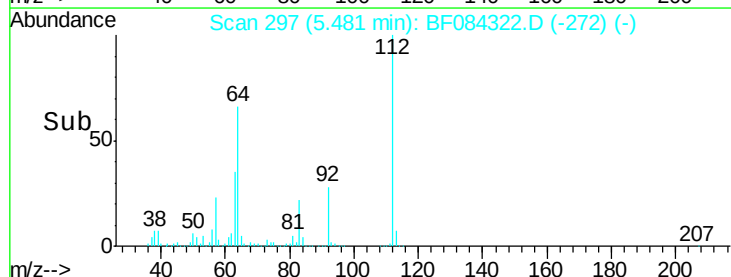
63 35.4 19.4 29.0#

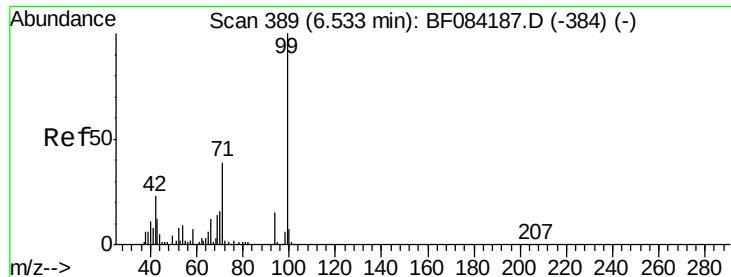


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.19 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

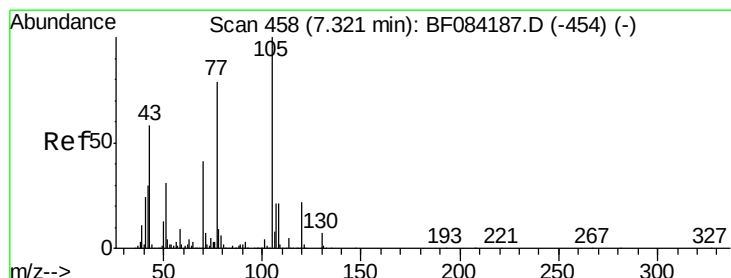
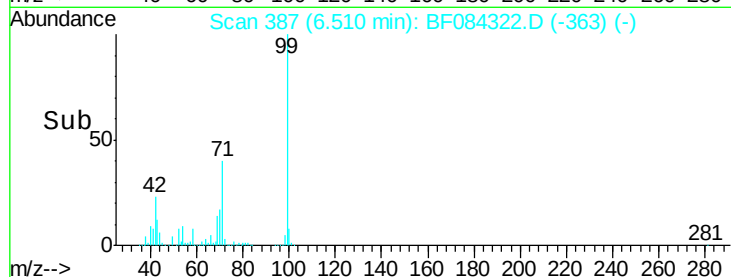
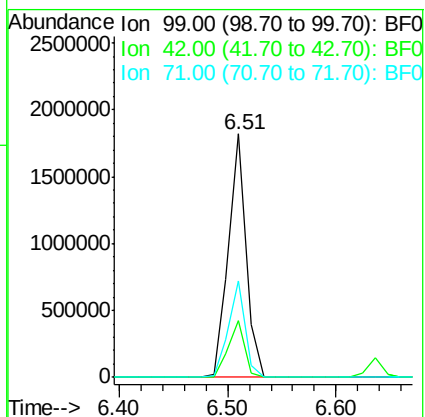
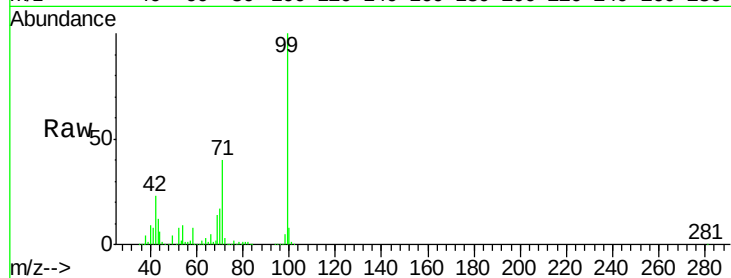
Tgt Ion: 99 Resp: 2042449

Ion Ratio Lower Upper

99 100

42 23.0 12.8 19.2#

71 39.6 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.26 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.11 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

Tgt Ion: 70 Resp: 226829

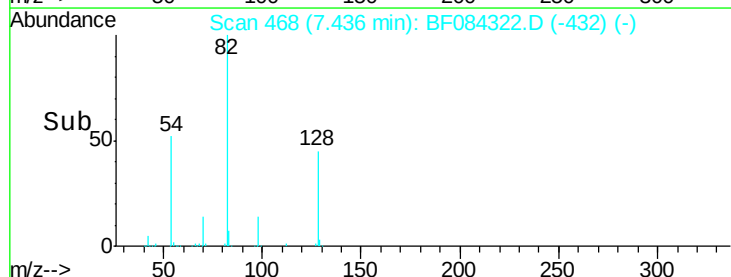
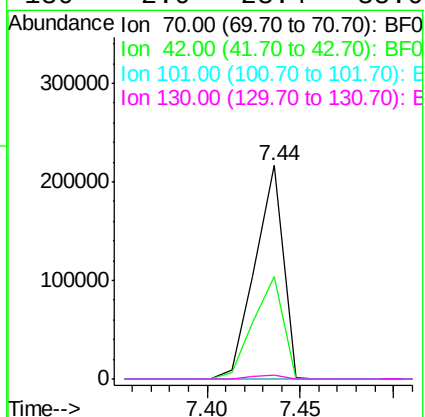
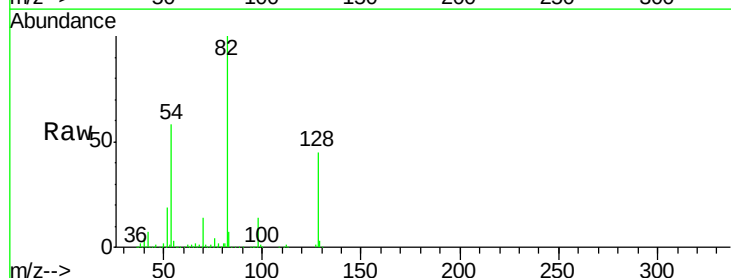
Ion Ratio Lower Upper

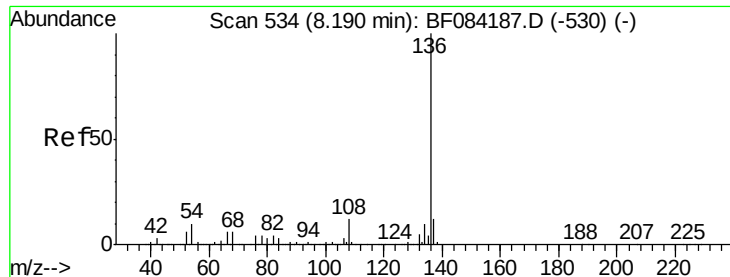
70 100

42 48.2 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

Tgt Ion:136 Resp: 1083582

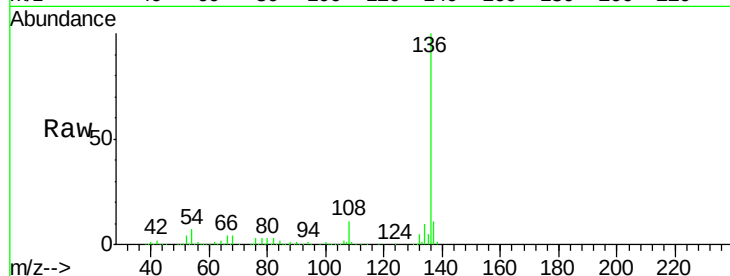
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.4 5.8 8.8

68 4.4 4.2 6.2

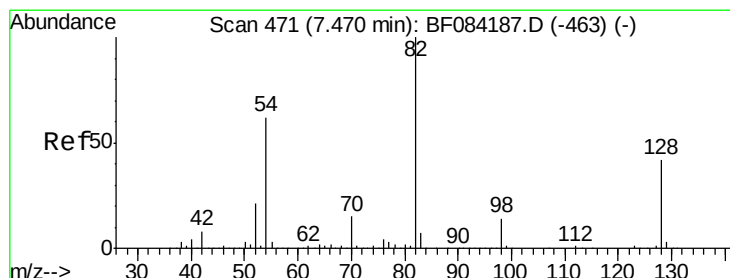
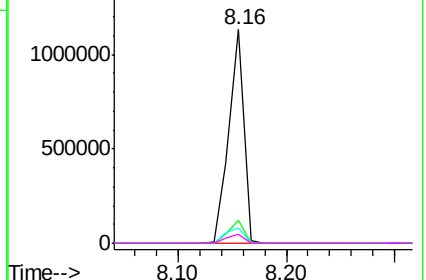
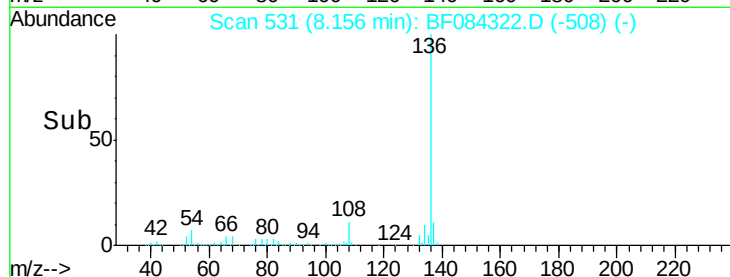


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.14 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

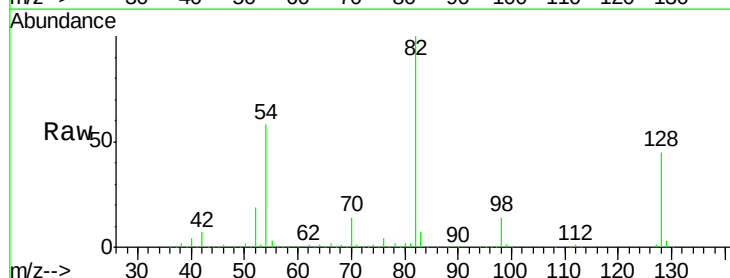
Tgt Ion: 82 Resp: 1599305

Ion Ratio Lower Upper

82 100

128 45.3 34.6 51.8

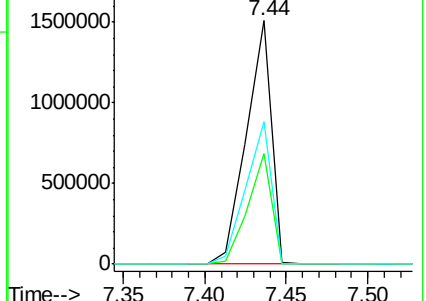
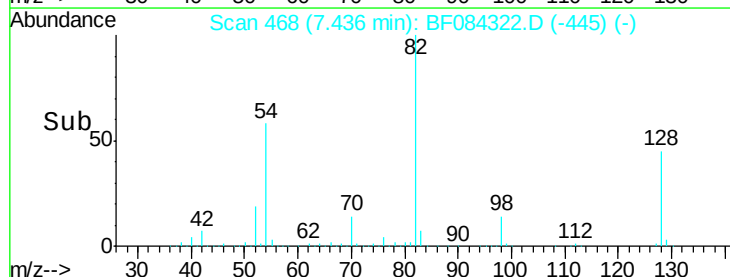
54 58.4 38.4 57.6#

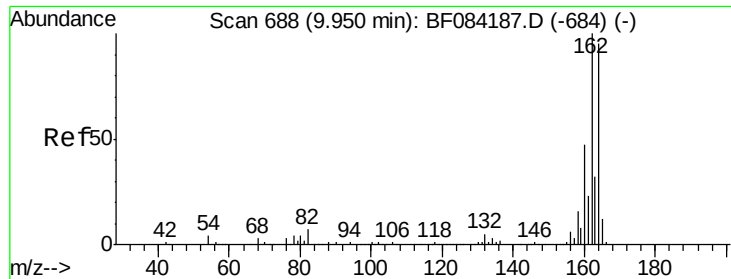


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

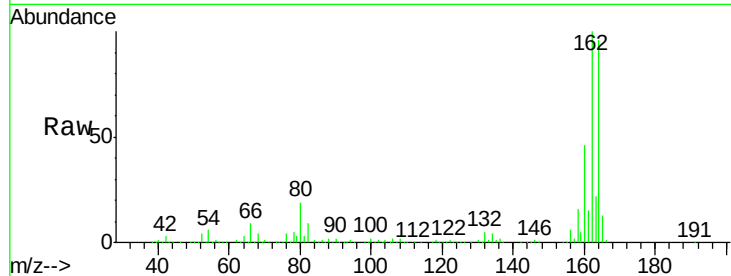
Tgt Ion:164 Resp: 492733

Ion Ratio Lower Upper

164 100

162 104.2 85.1 127.7

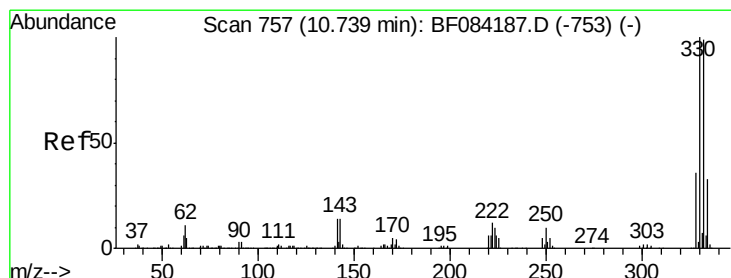
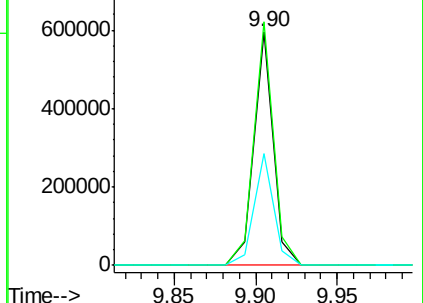
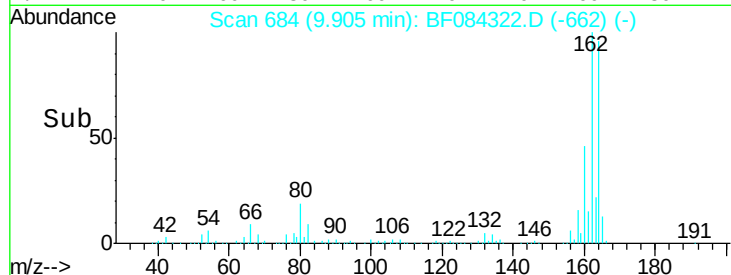
160 47.8 37.5 56.3



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: 105.21 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

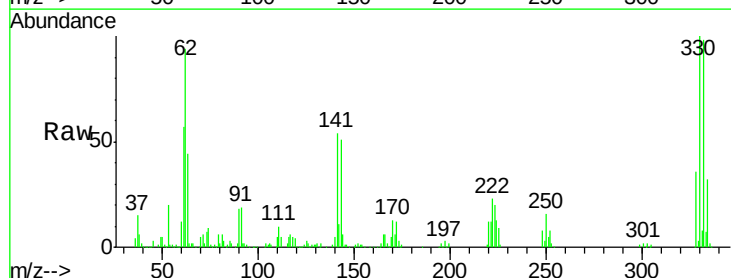
Tgt Ion:330 Resp: 523349

Ion Ratio Lower Upper

330 100

332 98.8 76.6 114.8

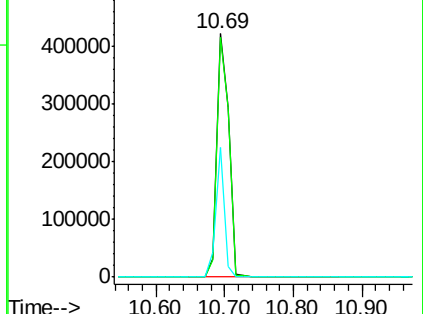
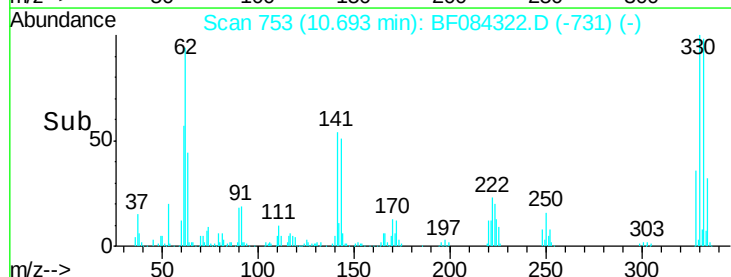
141 38.4 27.8 41.6

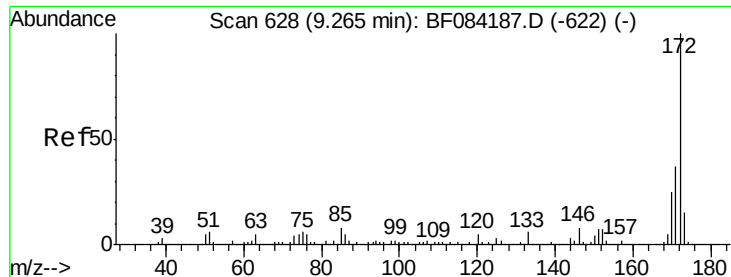


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

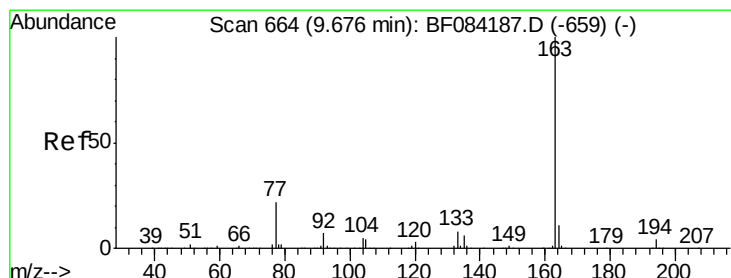
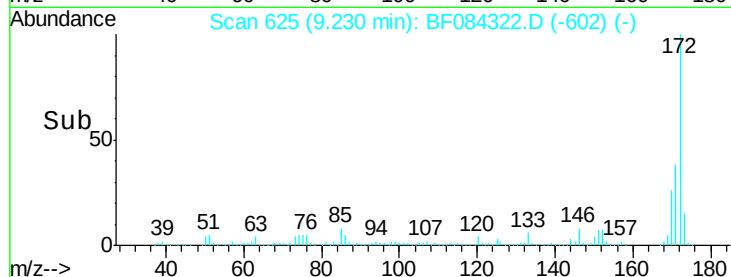
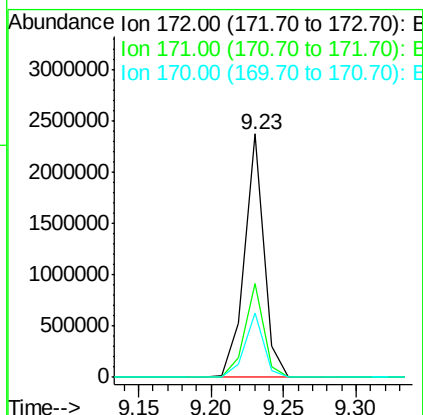
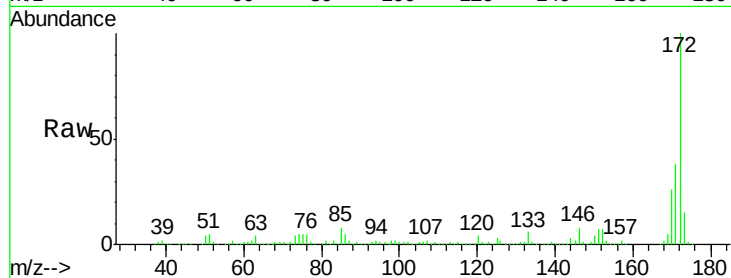




#44
 2-Fluorobiphenyl
 Concen: 78.47 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084322.D
 Acq: 8 Jan 2016 2:29

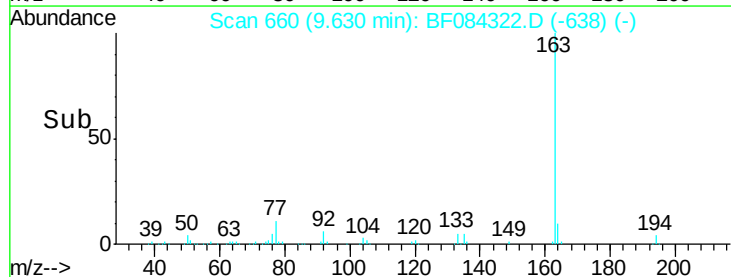
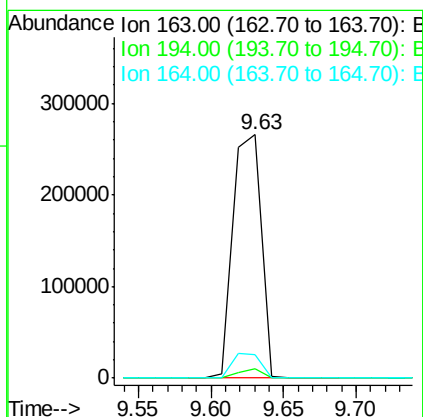
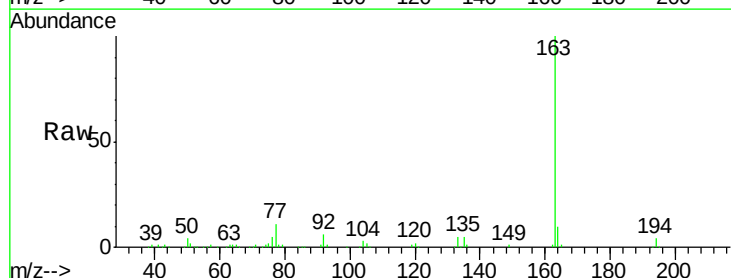
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

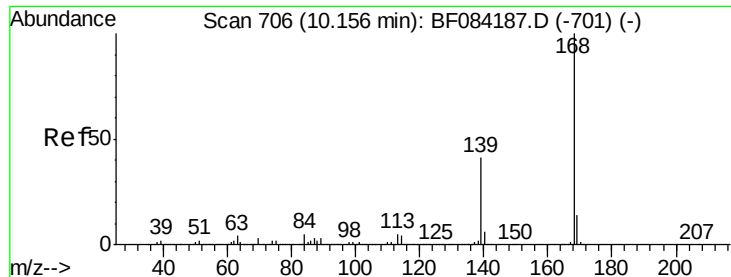
Tgt Ion:172 Resp: 2211546
 Ion Ratio Lower Upper
 172 100
 171 38.4 28.9 43.3
 170 26.3 18.6 27.8



#49
 Dimethylphthalate
 Concen: 10.23 ng
 RT: 9.63 min Scan# 660
 Delta R.T. -0.05 min
 Lab File: BF084322.D
 Acq: 8 Jan 2016 2:29

Tgt Ion:163 Resp: 360187
 Ion Ratio Lower Upper
 163 100
 194 3.8 8.0 12.0#
 164 9.7 8.0 12.0

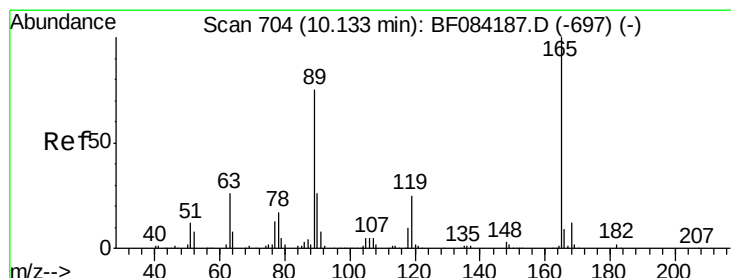
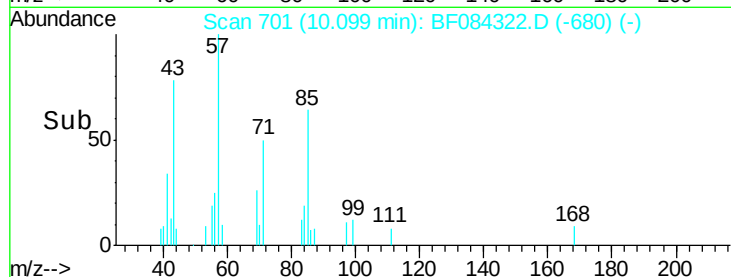
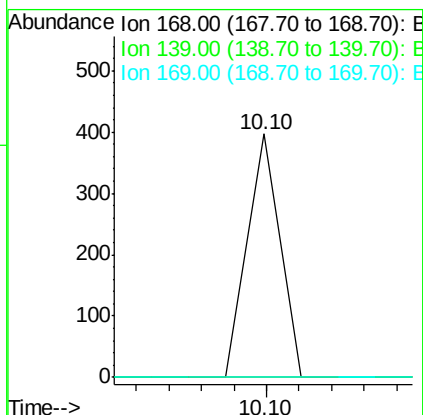
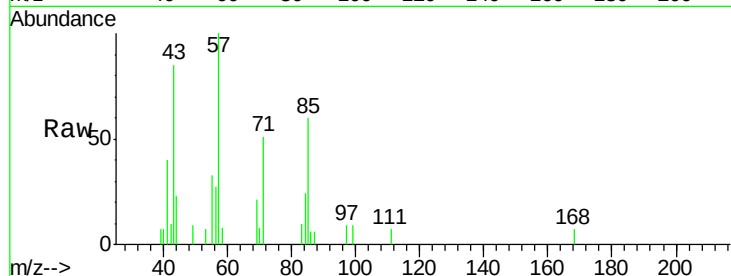




#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084322.D
Acq: 8 Jan 2016 2:29

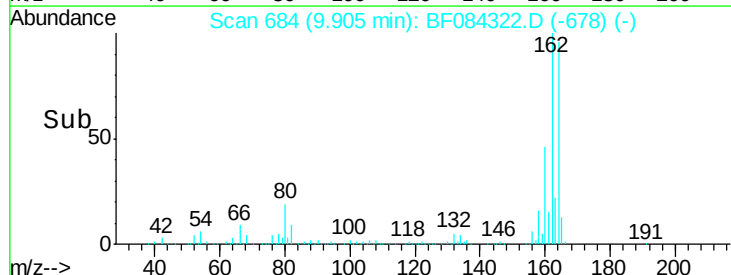
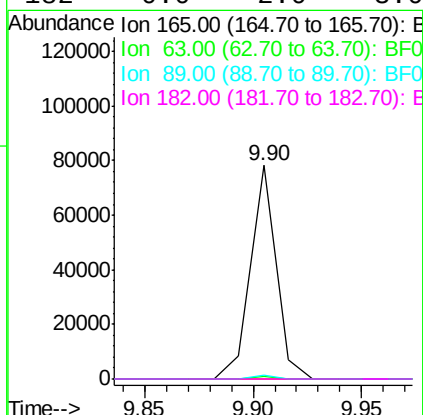
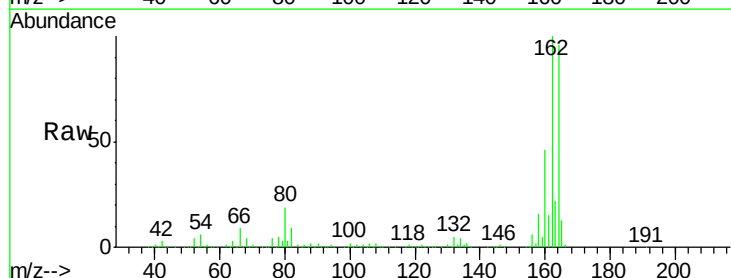
Instrument :
BNA_F
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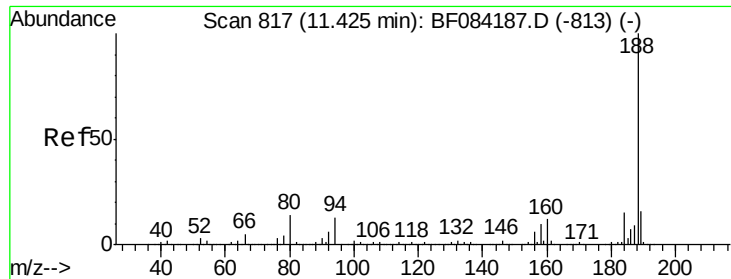
Tgt Ion:168 Resp: 272
Ion Ratio Lower Upper
168 100
139 0.0 30.5 45.7#
169 0.0 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084322.D
Acq: 8 Jan 2016 2:29

Tgt Ion:165 Resp: 64298
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 2.0 61.9 92.9#
182 0.0 2.0 3.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

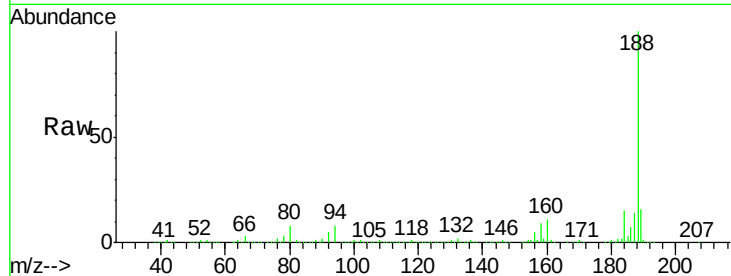
Tgt Ion:188 Resp: 885924

Ion Ratio Lower Upper

188 100

94 8.1 9.0 13.4#

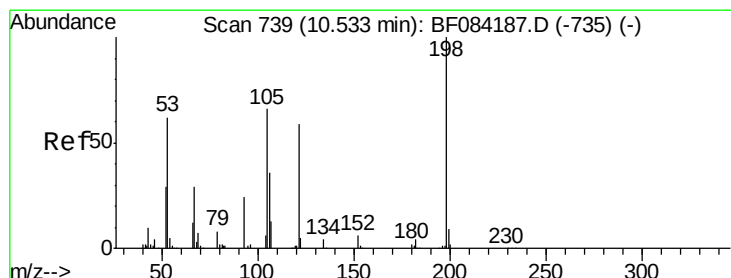
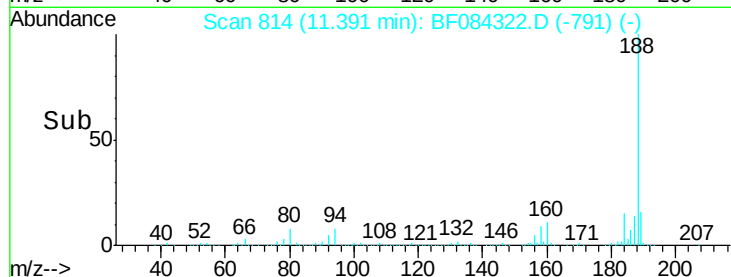
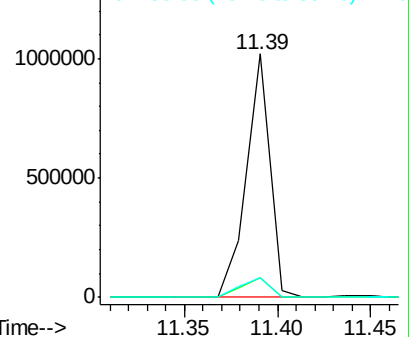
80 8.2 9.6 14.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.54 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

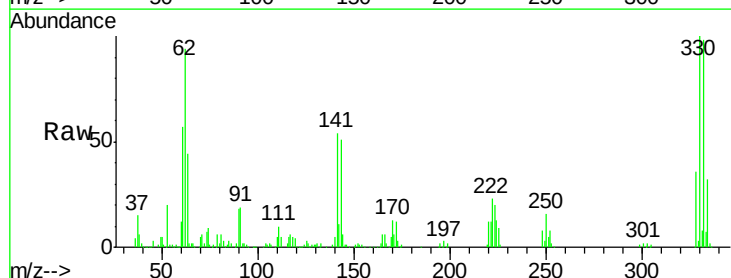
Tgt Ion:198 Resp: 843

Ion Ratio Lower Upper

198 100

51 307.5 18.9 58.9#

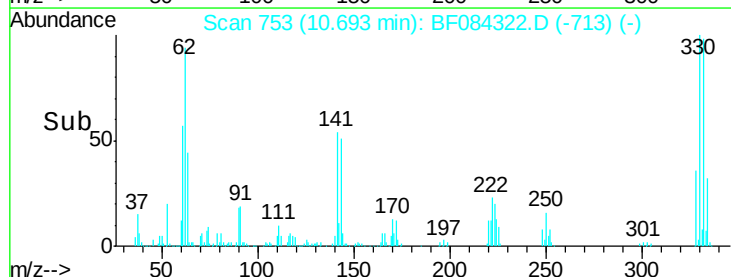
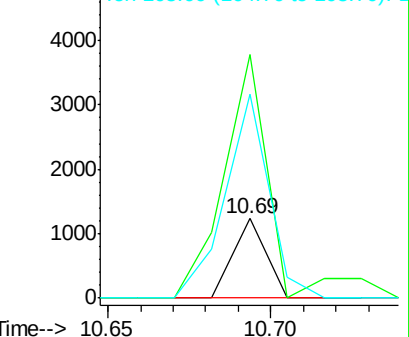
105 258.0 26.4 66.4#

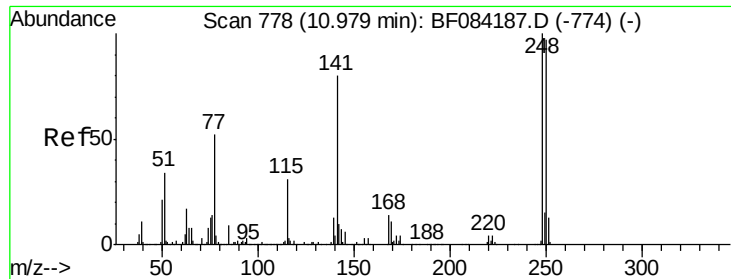


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

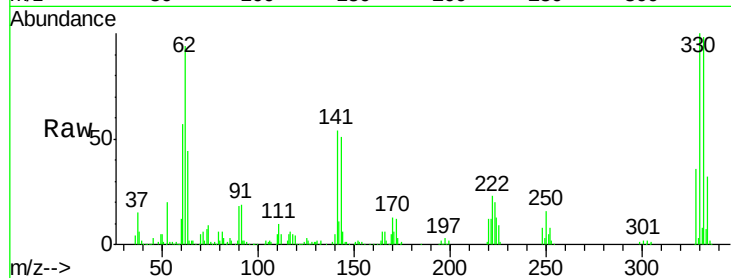




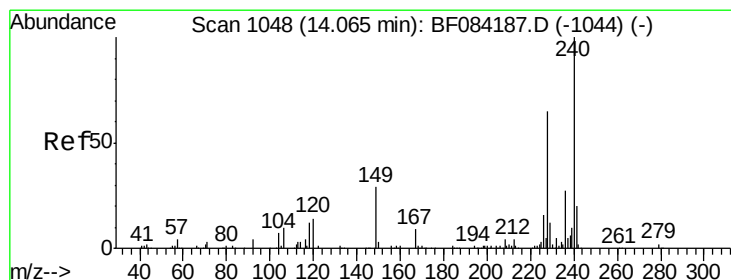
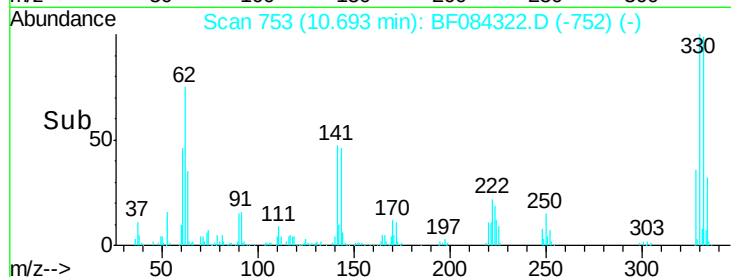
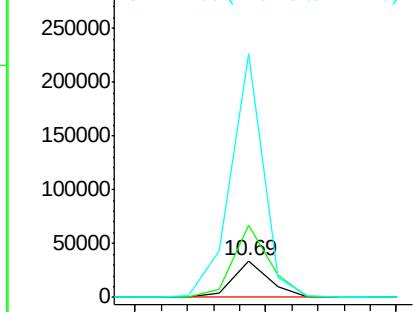
#66
 4-Bromophenyl-phenylether
 Concen: 3.42 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.29 min
 Lab File: BF084322.D
 Acq: 8 Jan 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

Tgt Ion:248 Resp: 32624
 Ion Ratio Lower Upper
 248 100
 250 198.8 78.4 117.6#
 141 671.9 44.0 66.0#

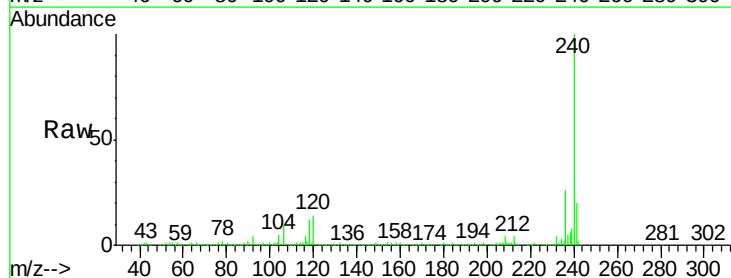


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

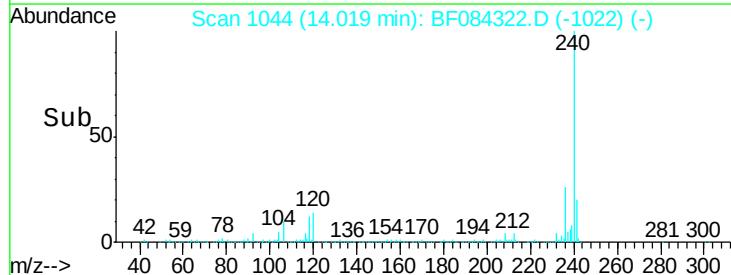
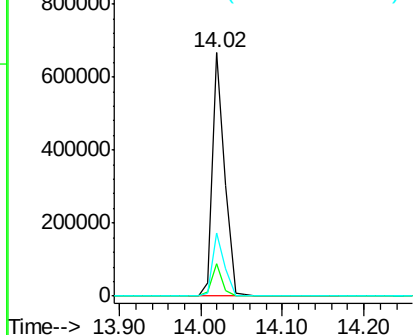


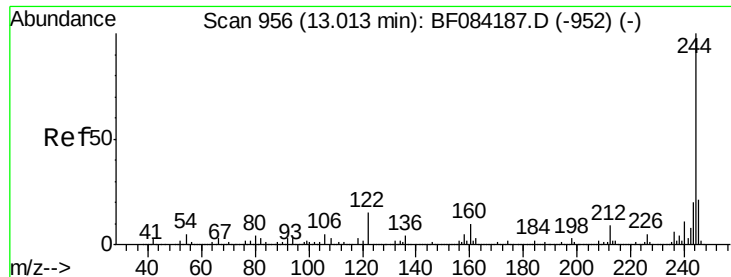
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.05 min
 Lab File: BF084322.D
 Acq: 8 Jan 2016 2:29

Tgt Ion:240 Resp: 703943
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 25.8 20.6 31.0



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

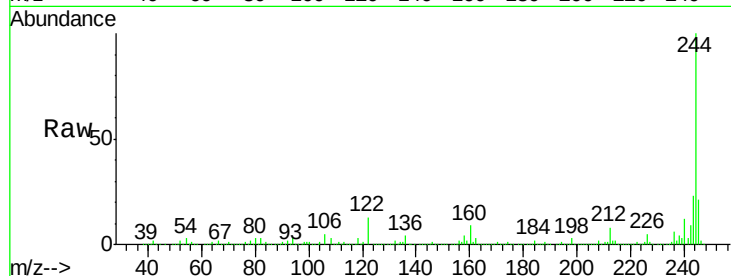




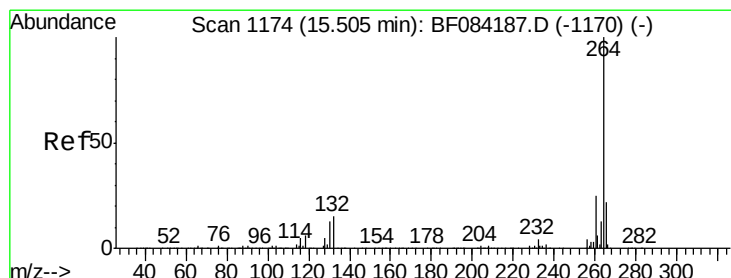
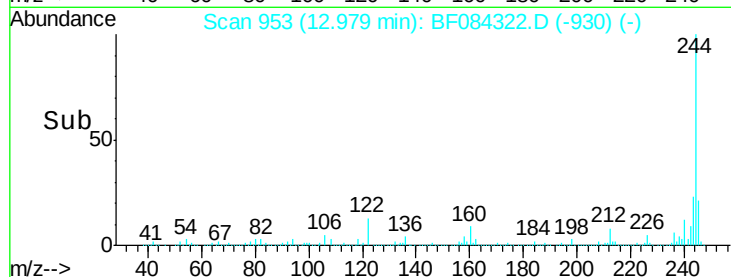
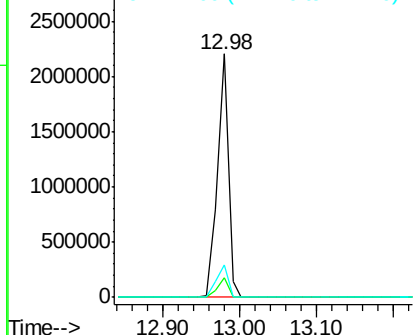
#78
 Terphenyl-d14
 Concen: 68.89 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084322.D
 Acq: 8 Jan 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

Tgt Ion:244 Resp: 2172464
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 13.1 7.4 11.0#

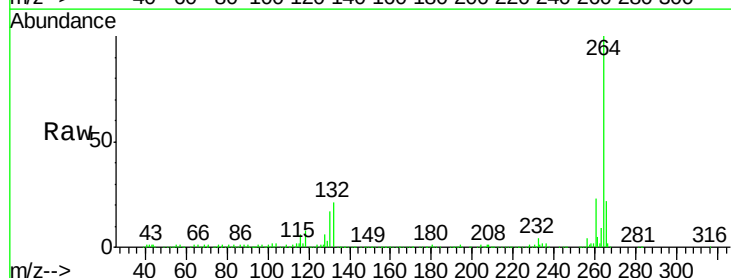


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084322.D
 Acq: 8 Jan 2016 2:29

Tgt Ion:264 Resp: 537908
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.7 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

