

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
 Data File : BF088516.D
 Acq On : 30 Jun 2016 3:20
 Operator : UM/SJ
 Sample : H3829-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-012

Quant Time: Jun 30 05:46:52 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

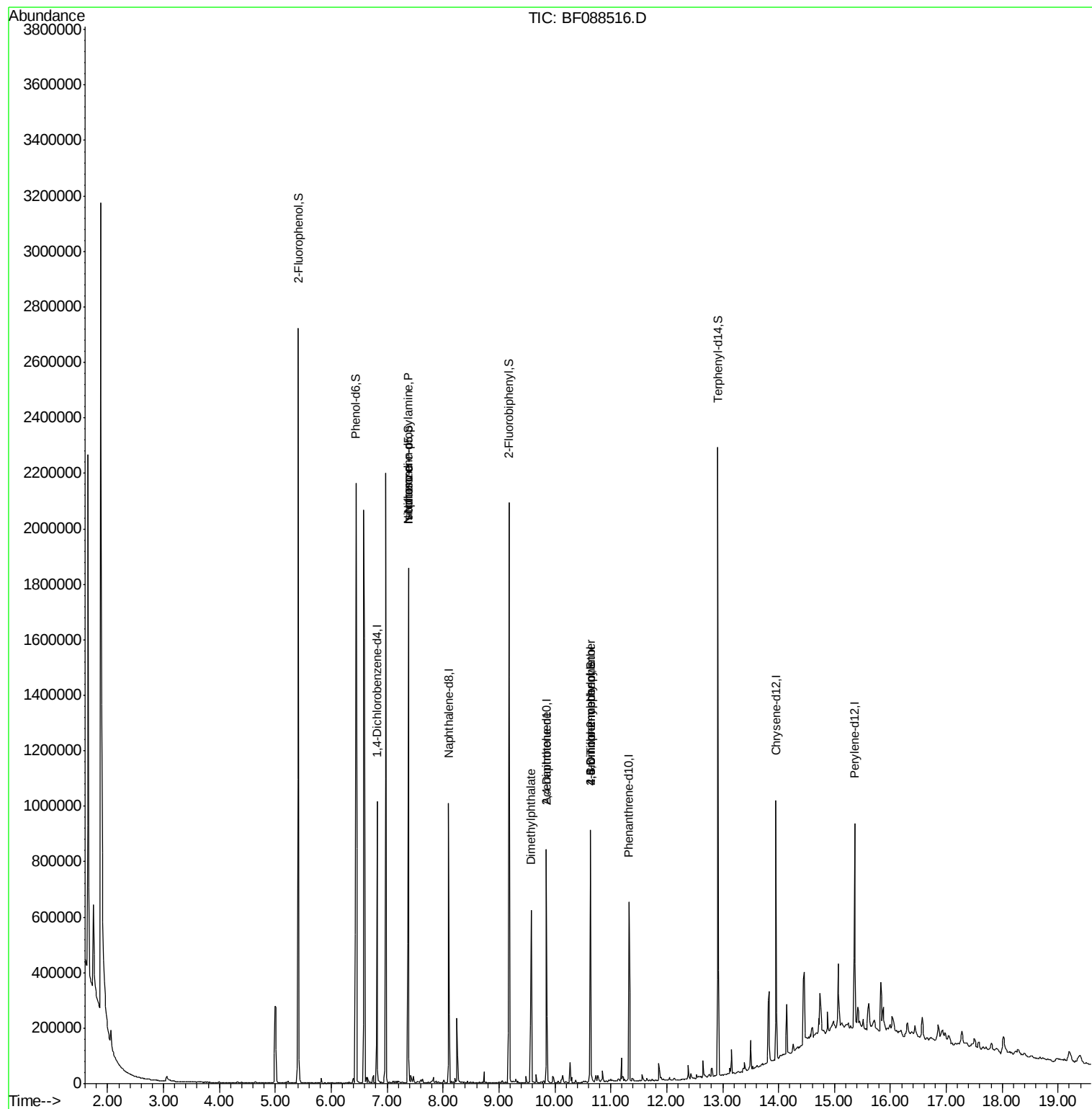
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	127591	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	420119	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	157137	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	255281	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	281118	20.00	ng	-0.01
86) Perylene-d12	15.36	264	304469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	739330	89.73	ng	0.00
7) Phenol-d6	6.44	99	905934	85.99	ng	-0.01
23) Nitrobenzene-d5	7.38	82	588151	73.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	136049	112.92	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	869942	90.31	ng	-0.01
78) Terphenyl-d14	12.91	244	631323	42.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	79700	11.11	ng	# 80
25) Isophorone	7.38	82	466219	28.85	ng	# 64
45) 1,1'-Biphenyl	9.18	154	1525	Below Cal	#	1
49) Dimethylphthalate	9.58	163	262270	23.10	ng	98
56) 2,4-Dinitrotoluene	9.85	165	20209	6.84	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.64	198	231	3.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	9117	3.30	ng	# 1
70) Phenanthrene	11.35	178	2018	Below Cal	#	92
71) Anthracene	11.40	178	760	Below Cal	#	60

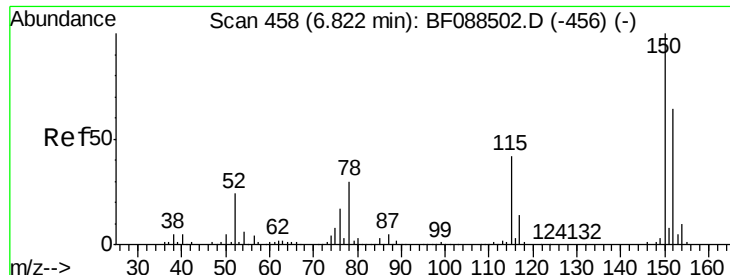
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088516.D
Acq On : 30 Jun 2016 3:20
Operator : UM/SJ
Sample : H3829-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-012

Quant Time: Jun 30 05:46:52 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF088516.D

Acq: 30 Jun 2016 3:20

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-012

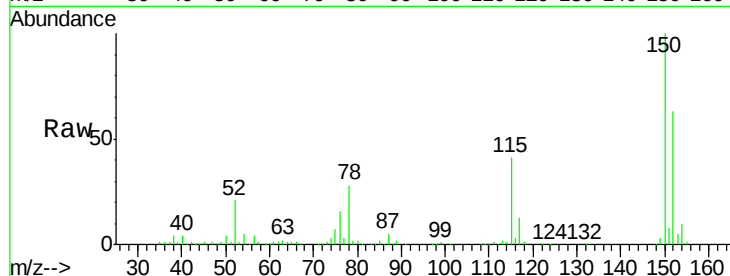
Tgt Ion:152 Resp: 127591

Ion Ratio Lower Upper

152 100

150 159.0 124.5 186.7

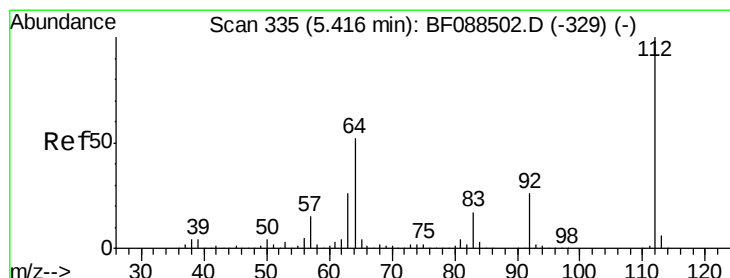
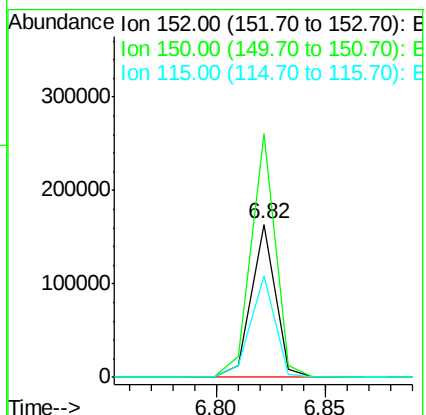
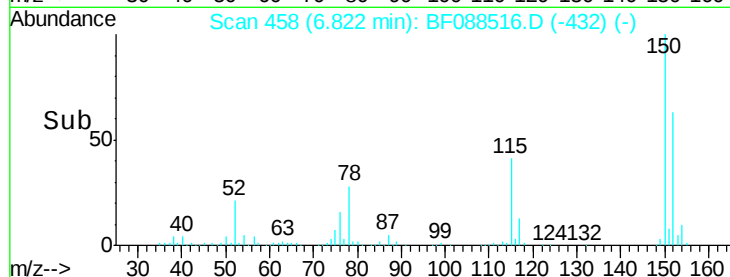
115 66.0 52.3 78.5



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: 89.73 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF088516.D

Acq: 30 Jun 2016 3:20

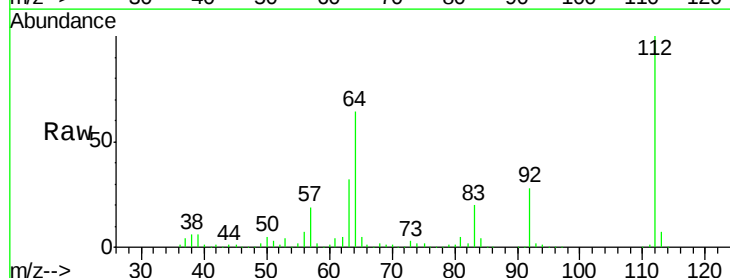
Tgt Ion:112 Resp: 739330

Ion Ratio Lower Upper

112 100

64 63.6 41.5 62.3#

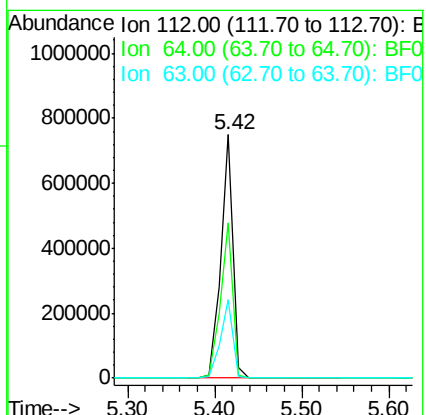
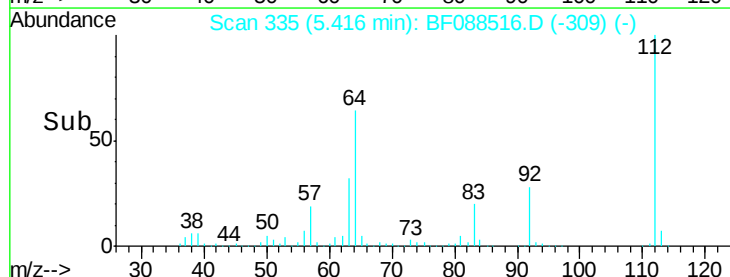
63 32.4 20.6 31.0#

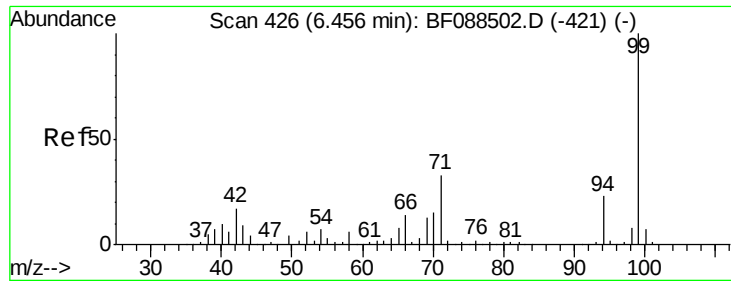


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.99 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF088516.D

Acq: 30 Jun 2016 3:20

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-012

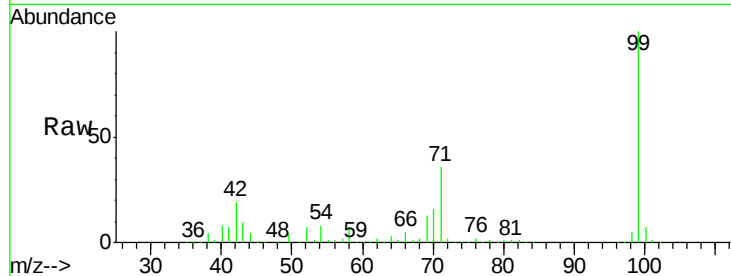
Tgt Ion: 99 Resp: 905934

Ion Ratio Lower Upper

99 100

42 19.4 13.4 20.0

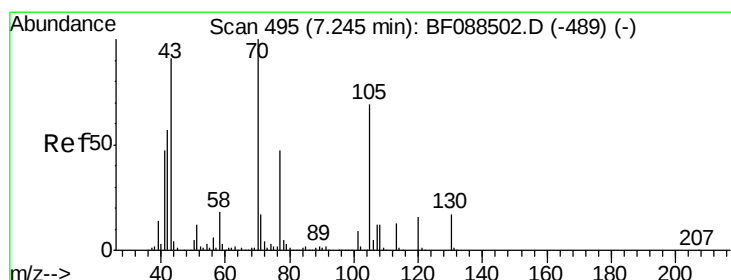
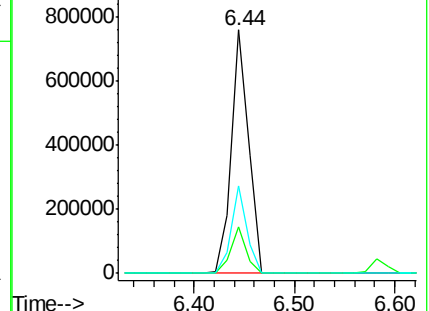
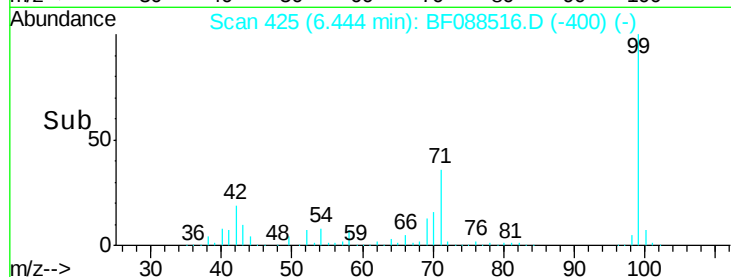
71 35.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 11.11 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.14 min

Lab File: BF088516.D

Acq: 30 Jun 2016 3:20

Tgt Ion: 70 Resp: 79700

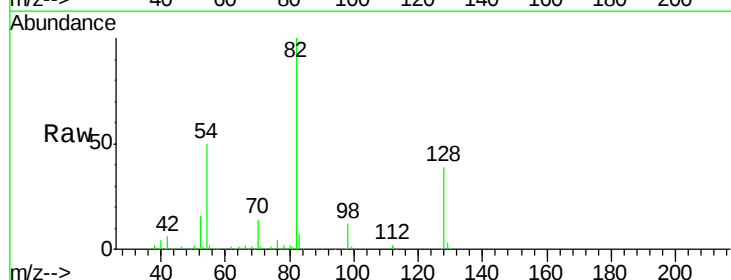
Ion Ratio Lower Upper

70 100

42 46.5 45.9 68.9

101 0.0 6.8 10.2#

130 1.8 13.9 20.9#

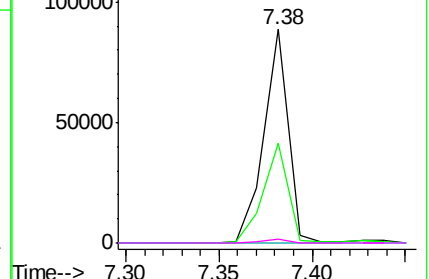
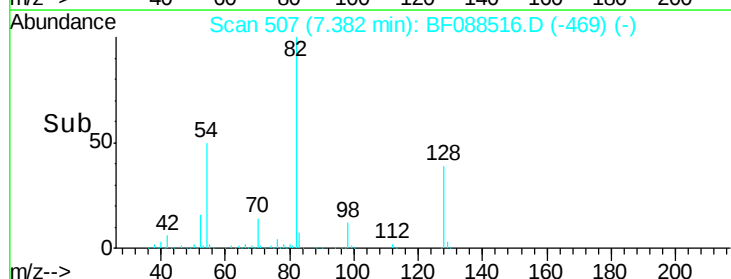


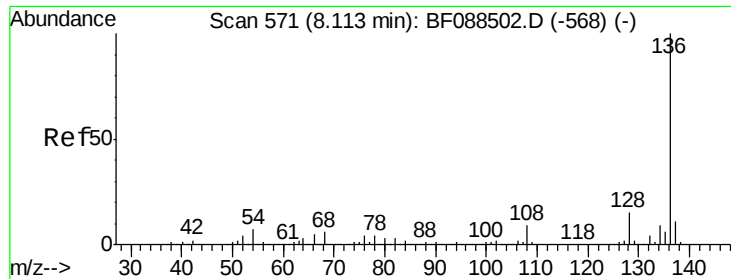
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

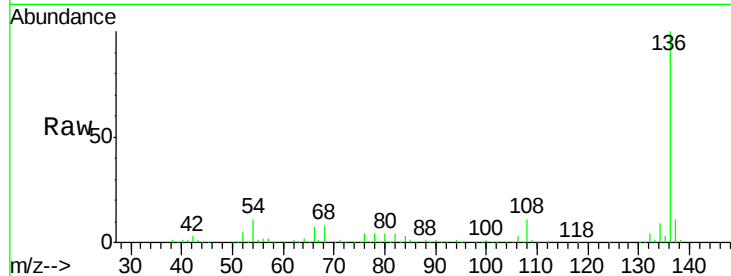




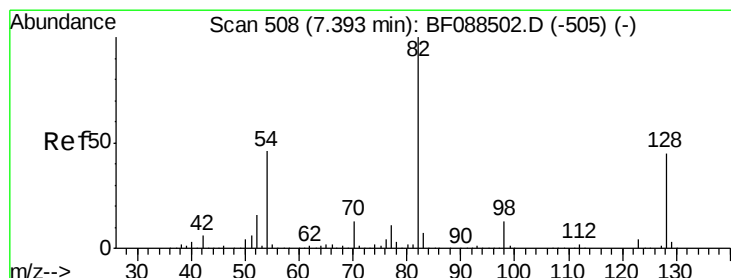
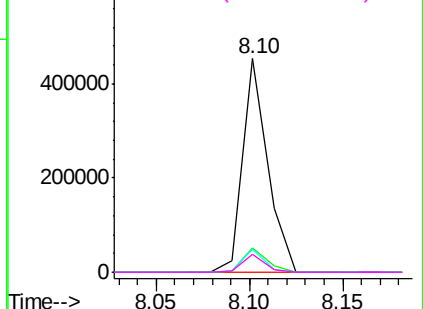
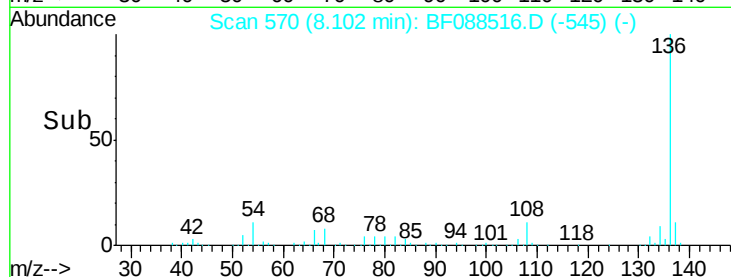
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF088516.D
Acq: 30 Jun 2016 3:20

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-012

Tgt Ion:	136	Resp:	420119
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.6	5.4	8.2#
68	8.4	4.9	7.3#

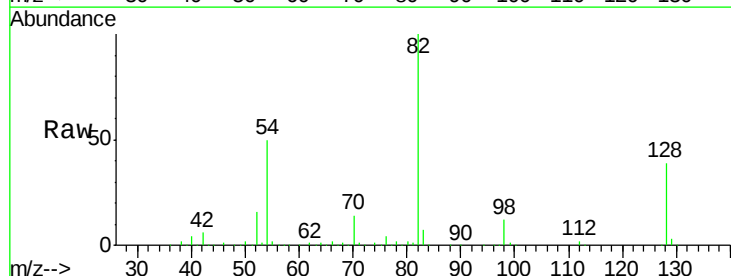


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

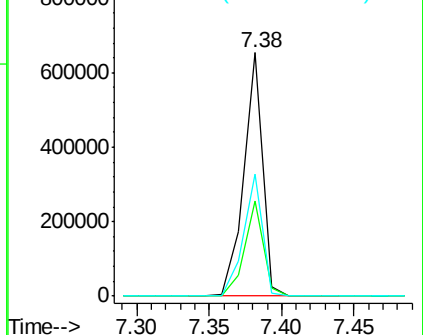
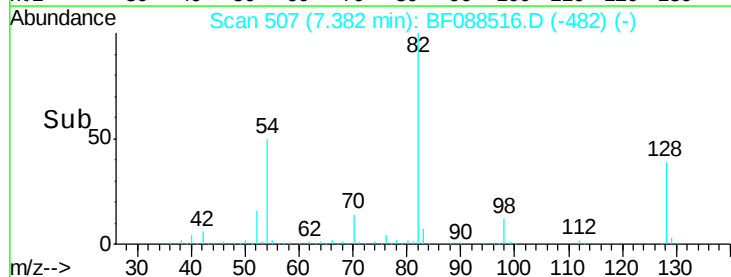


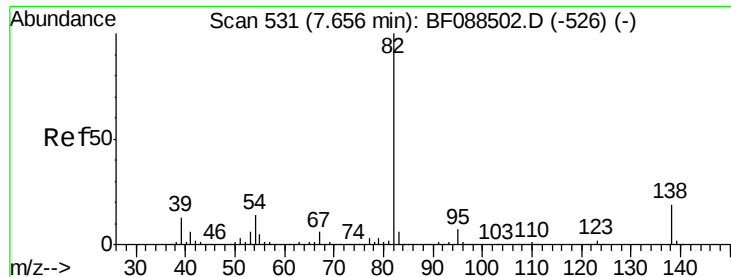
#23
Nitrobenzene-d5
Concen: 73.53 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF088516.D
Acq: 30 Jun 2016 3:20

Tgt Ion:	82	Resp:	588151
Ion	Ratio	Lower	Upper
82	100		
128	39.1	35.8	53.8
54	50.0	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: 28.85 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.27 min

Lab File: BF088516.D

Acq: 30 Jun 2016 3:20

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-012

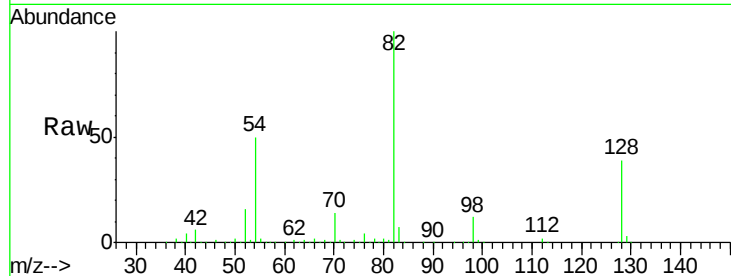
Tgt Ion: 82 Resp: 466219

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

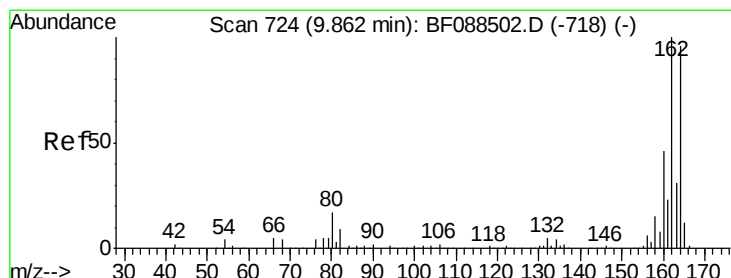
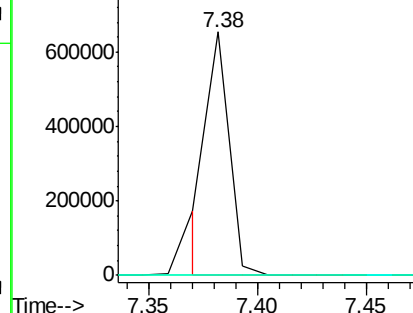
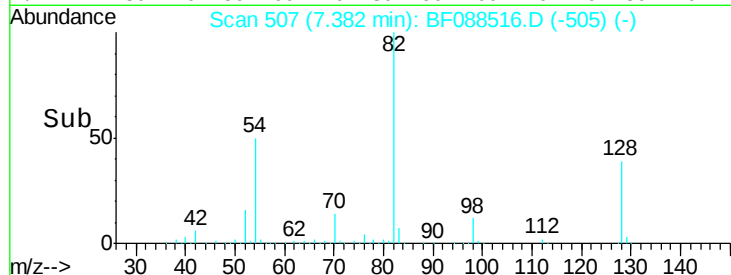
138 0.0 14.8 22.2#



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: BF088516.D

Acq: 30 Jun 2016 3:20

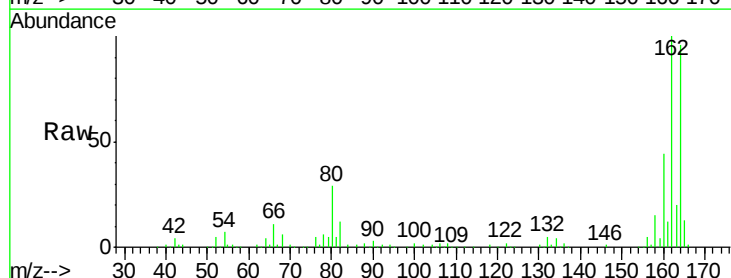
Tgt Ion: 164 Resp: 157137

Ion Ratio Lower Upper

164 100

162 104.3 83.7 125.5

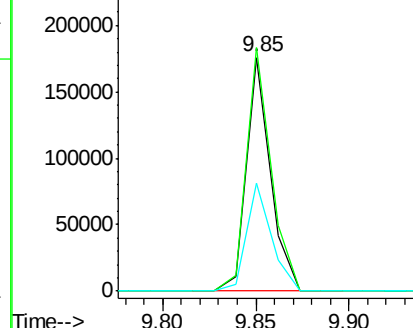
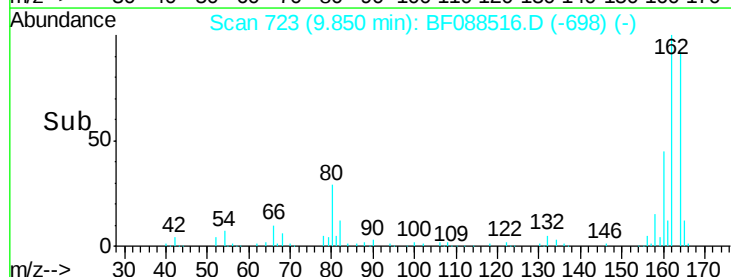
160 46.3 38.9 58.3

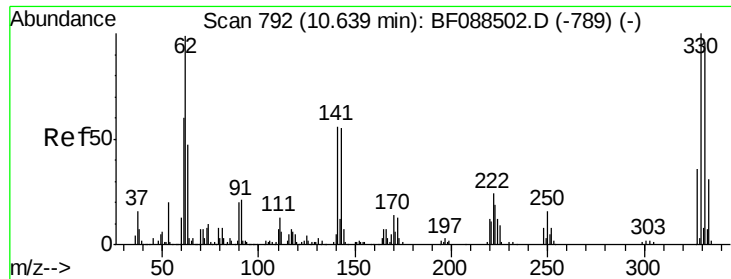


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

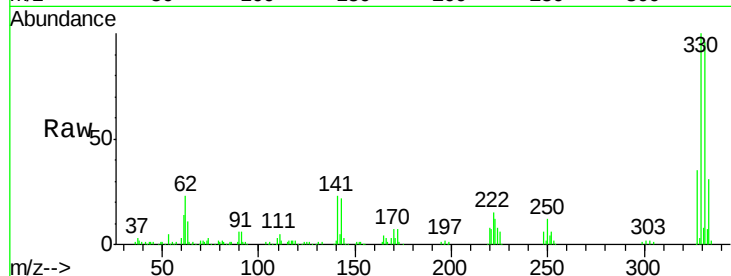




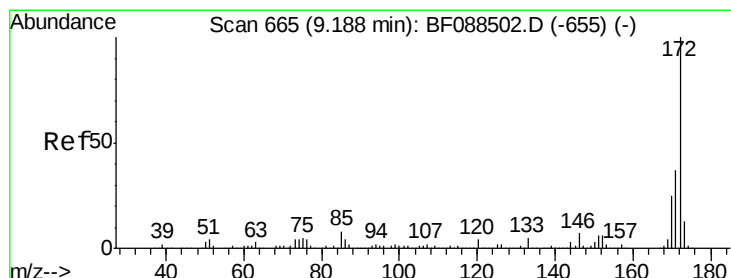
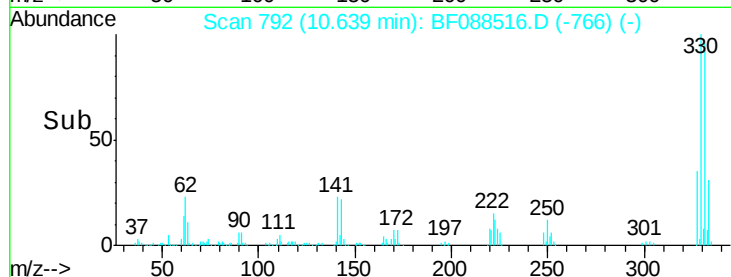
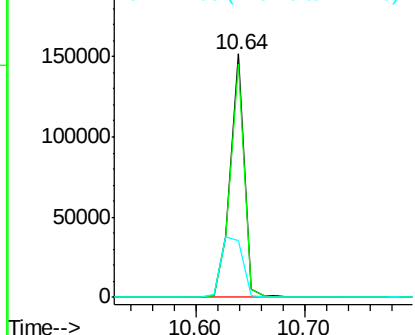
#41
 2,4,6-Tribromophenol
 Concen: 112.92 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088516.D
 Acq: 30 Jun 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-012

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.4	0.0	0.0#

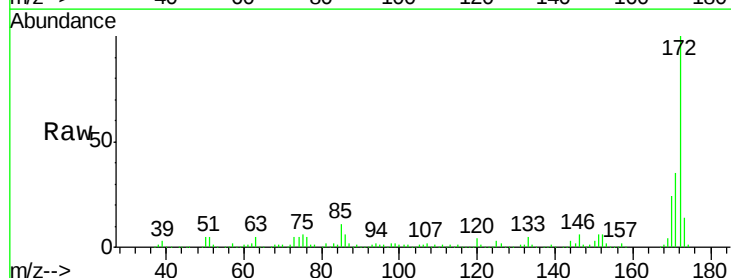


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

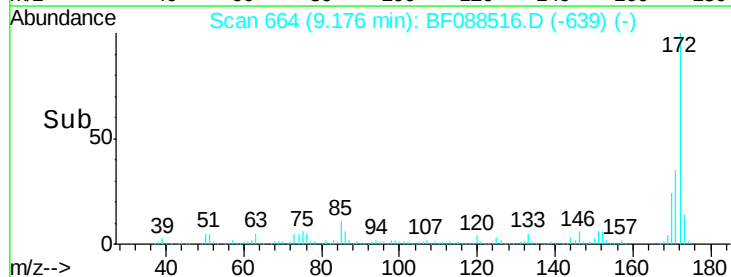
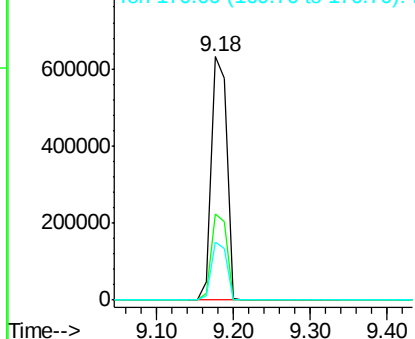


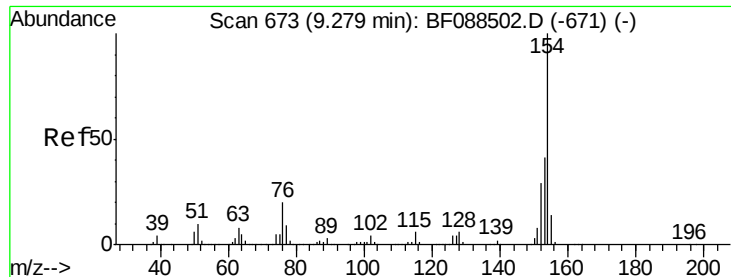
#44
 2-Fluorobiphenyl
 Concen: 90.31 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF088516.D
 Acq: 30 Jun 2016 3:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.3	43.9
170	23.9	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

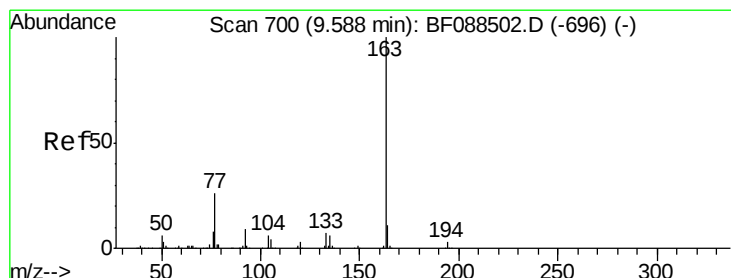
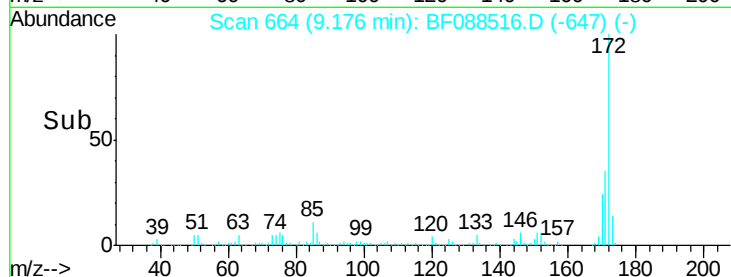
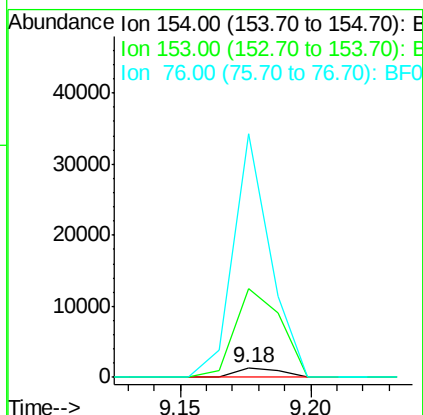
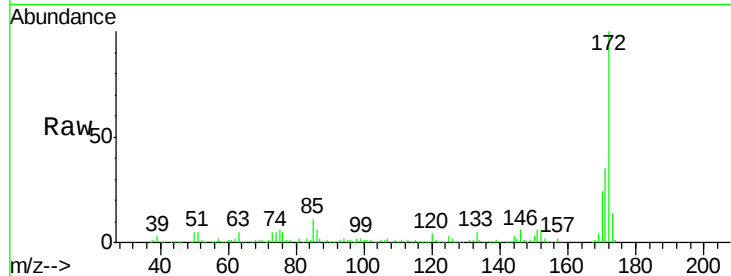




#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.18 min Scan# 664
 Delta R.T. -0.10 min
 Lab File: BF088516.D
 Acq: 30 Jun 2016 3:20

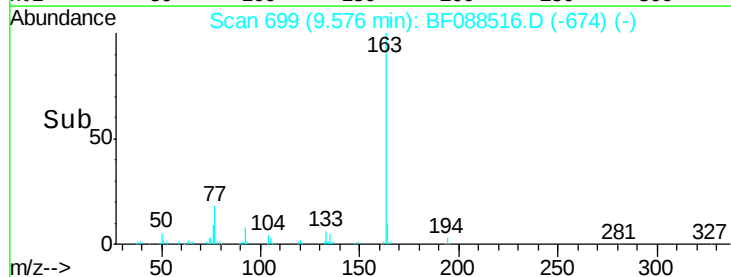
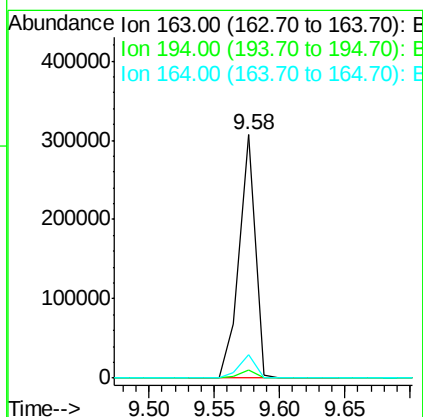
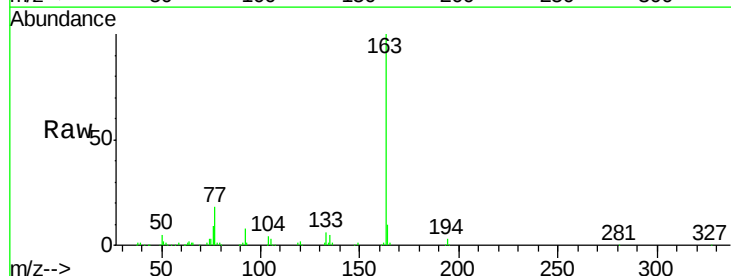
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-012

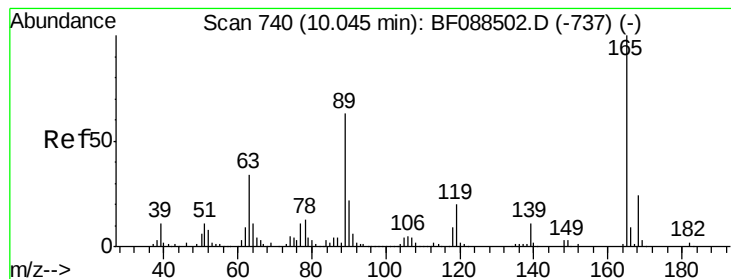
Tgt Ion:154 Resp: 1525
 Ion Ratio Lower Upper
 154 100
 153 930.6 20.8 60.8#
 76 2549.4 0.0 39.9#



#49
 Dimethylphthalate
 Concen: 23.10 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF088516.D
 Acq: 30 Jun 2016 3:20

Tgt Ion:163 Resp: 262270
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 9.7 8.5 12.7





#56

2,4-Dinitrotoluene

Concen: 6.84 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.19 min

Lab File: BF088516.D

Acq: 30 Jun 2016 3:20

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-012

Tgt Ion:165 Resp: 20209

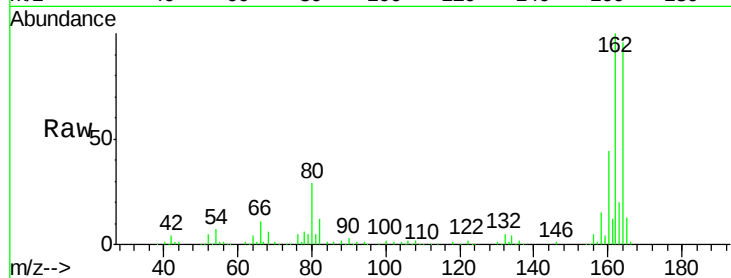
Ion Ratio Lower Upper

165 100

63 1.9 27.3 40.9#

89 1.7 50.4 75.6#

182 0.0 2.0 3.0#

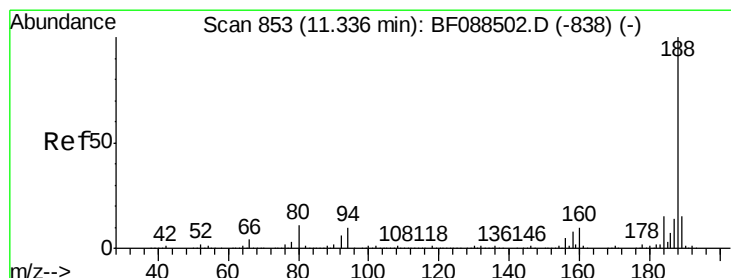
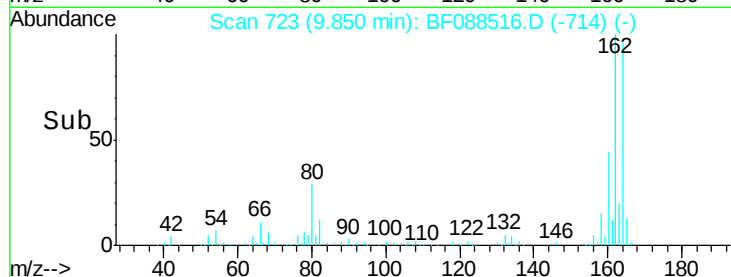
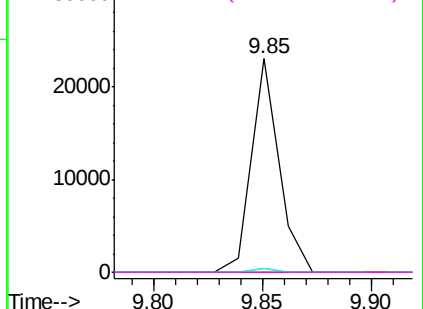


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.01 min

Lab File: BF088516.D

Acq: 30 Jun 2016 3:20

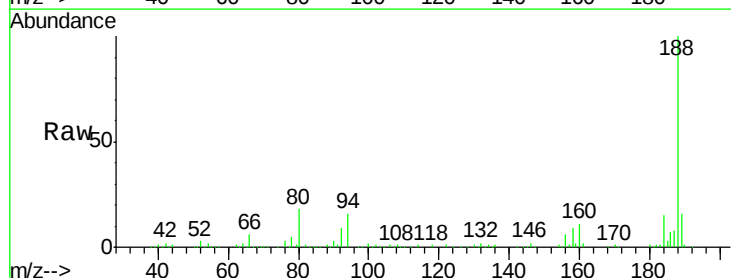
Tgt Ion:188 Resp: 255281

Ion Ratio Lower Upper

188 100

94 15.5 7.8 11.8#

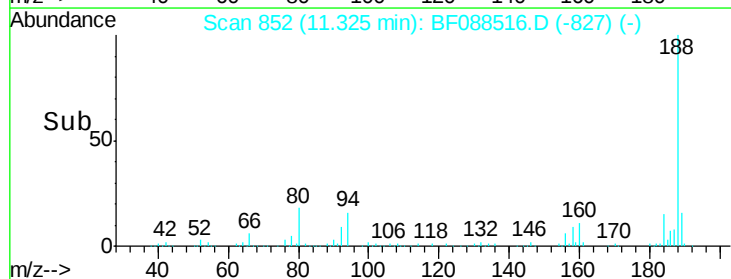
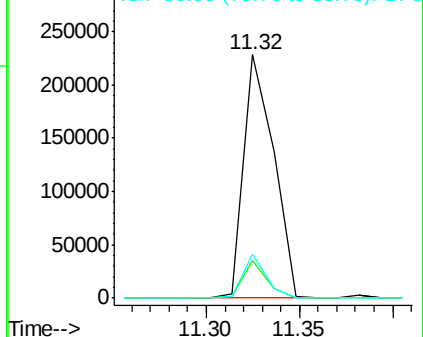
80 18.1 8.7 13.1#

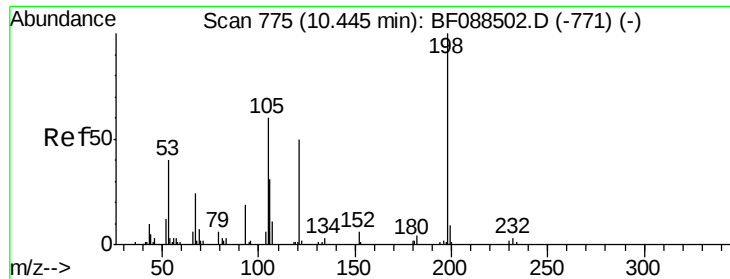


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

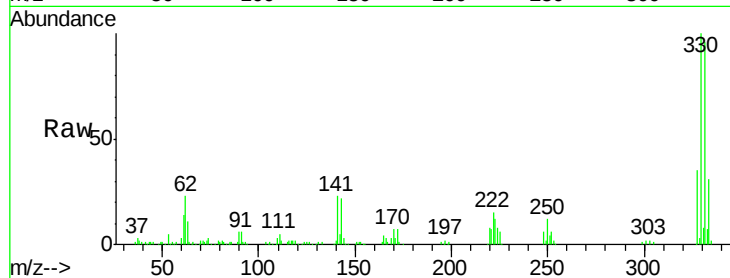




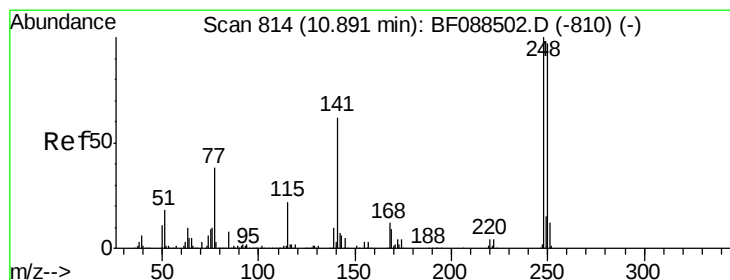
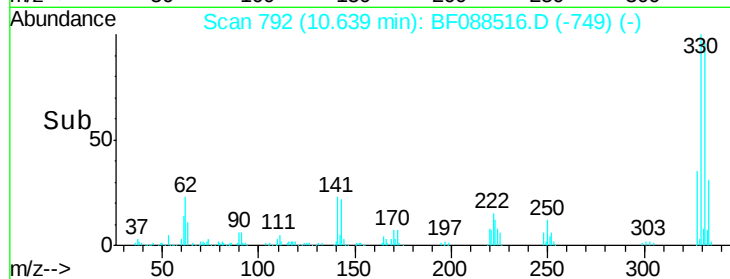
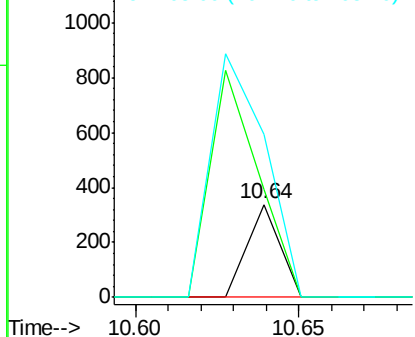
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.50 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.20 min
 Lab File: BF088516.D
 Acq: 30 Jun 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-012

Tgt Ion:198 Resp: 231
 Ion Ratio Lower Upper
 198 100
 51 116.0 42.4 82.4#
 105 176.6 41.2 81.2#

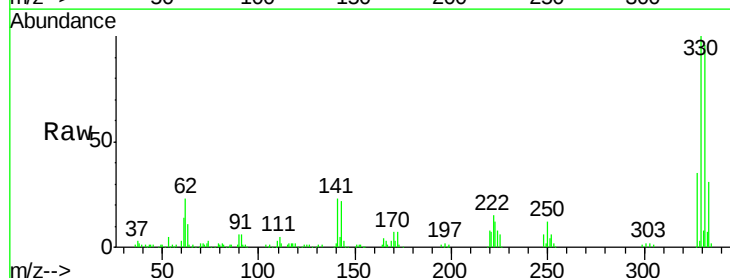


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

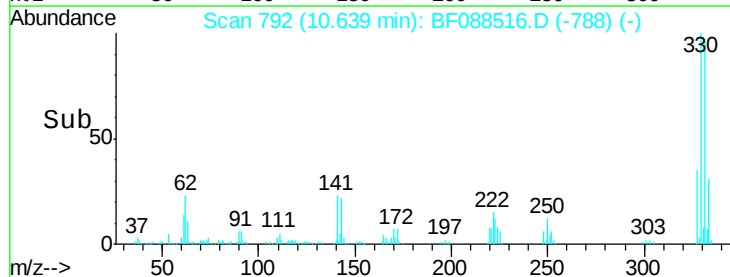
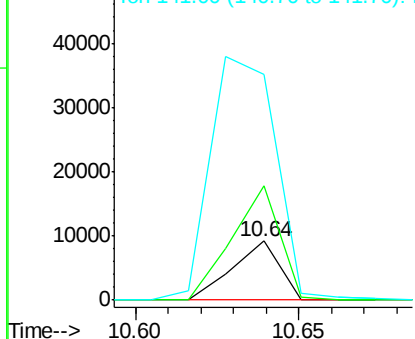


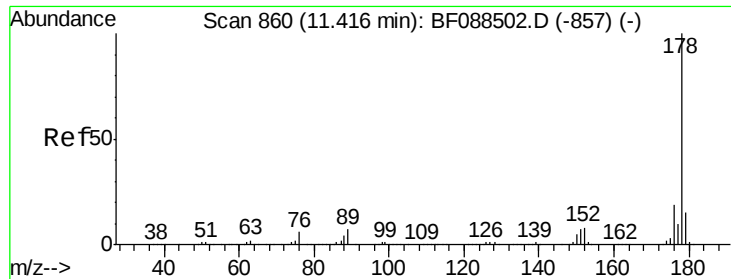
#66
 4-Bromophenyl-phenylether
 Concen: 3.30 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.25 min
 Lab File: BF088516.D
 Acq: 30 Jun 2016 3:20

Tgt Ion:248 Resp: 9117
 Ion Ratio Lower Upper
 248 100
 250 194.3 77.7 116.5#
 141 383.0 49.2 73.8#



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

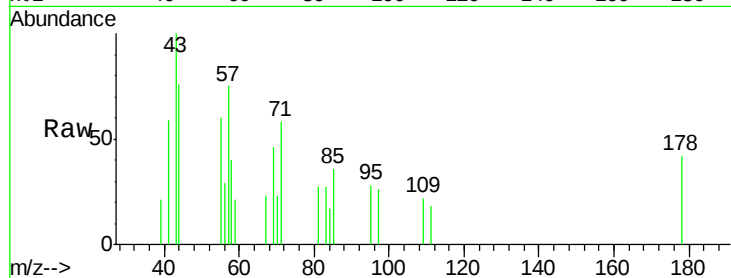




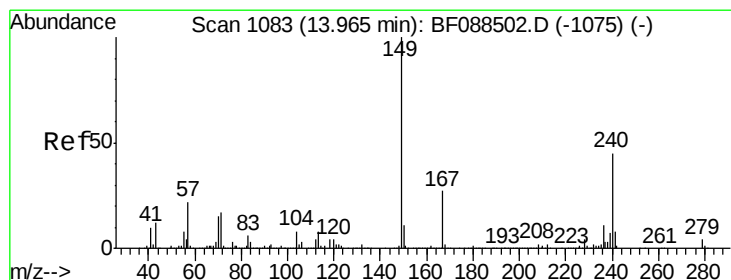
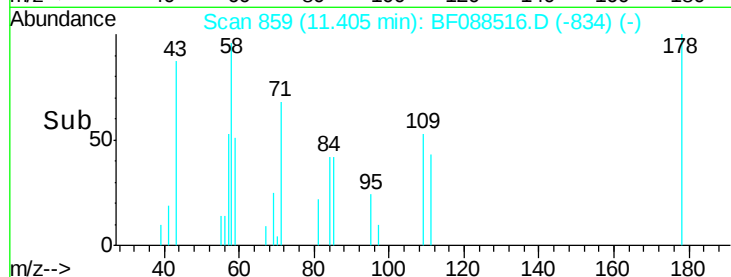
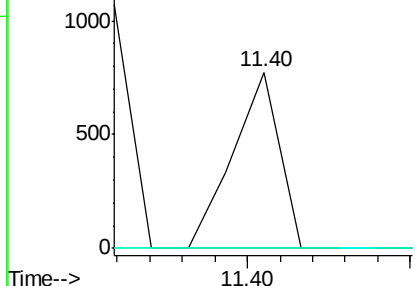
#71
 Anthracene
 Concen: Below Cal
 RT: 11.40 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: BF088516.D
 Acq: 30 Jun 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-012

Tgt Ion:178 Resp: 760
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.2 22.8#
 179 0.0 12.3 18.5#

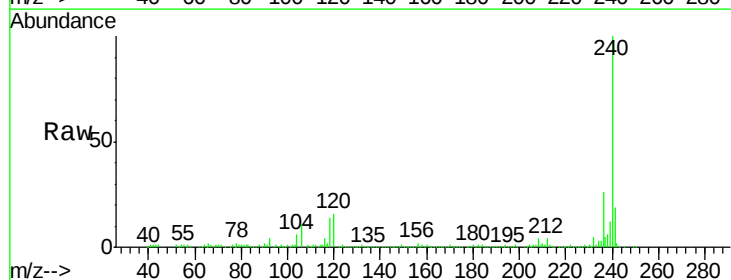


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

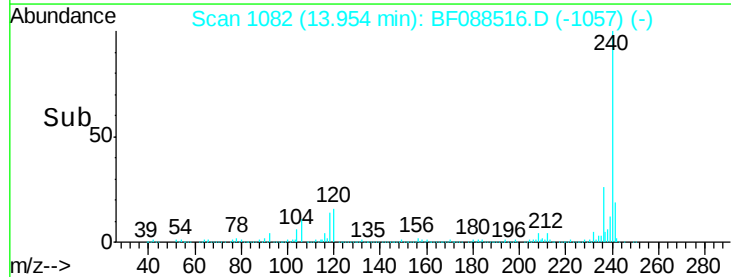
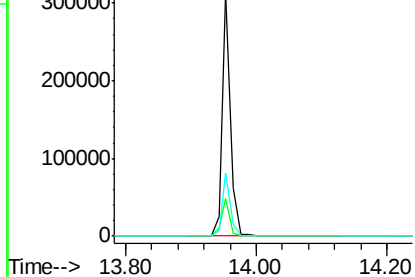


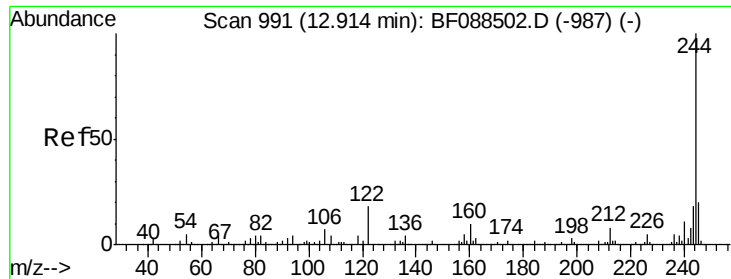
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF088516.D
 Acq: 30 Jun 2016 3:20

Tgt Ion:240 Resp: 281118
 Ion Ratio Lower Upper
 240 100
 120 15.5 7.1 10.7#
 236 26.1 20.3 30.5



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

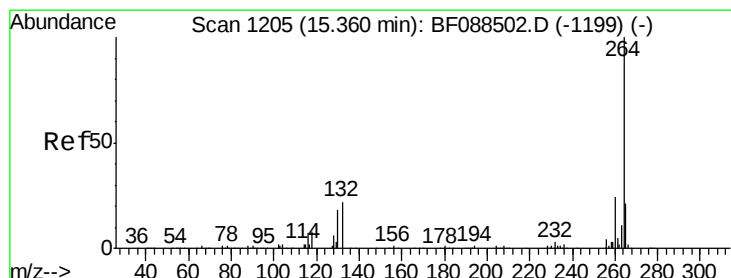
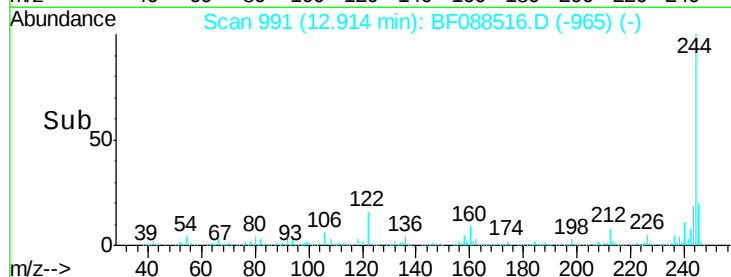
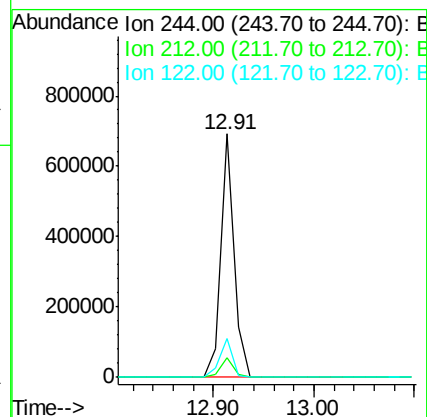
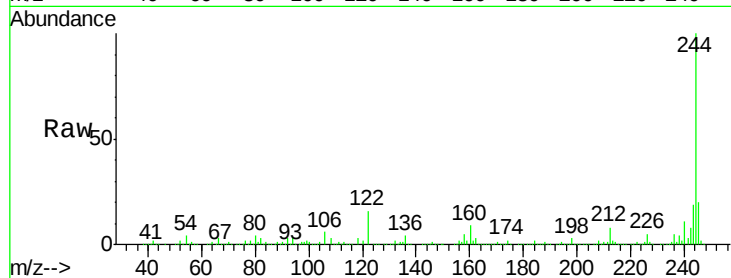




#78
 Terphenyl-d14
 Concen: 42.02 ng
 RT: 12.91 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF088516.D
 Acq: 30 Jun 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-012

Tgt Ion:244 Resp: 631323
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 16.0 14.8 22.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF088516.D
 Acq: 30 Jun 2016 3:20

Tgt Ion:264 Resp: 304469
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 22.3 17.1 25.7

