

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
 Data File : BF088522.D
 Acq On : 30 Jun 2016 6:14
 Operator : UM/SJ
 Sample : H3830-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-018

Quant Time: Jun 30 07:01:16 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

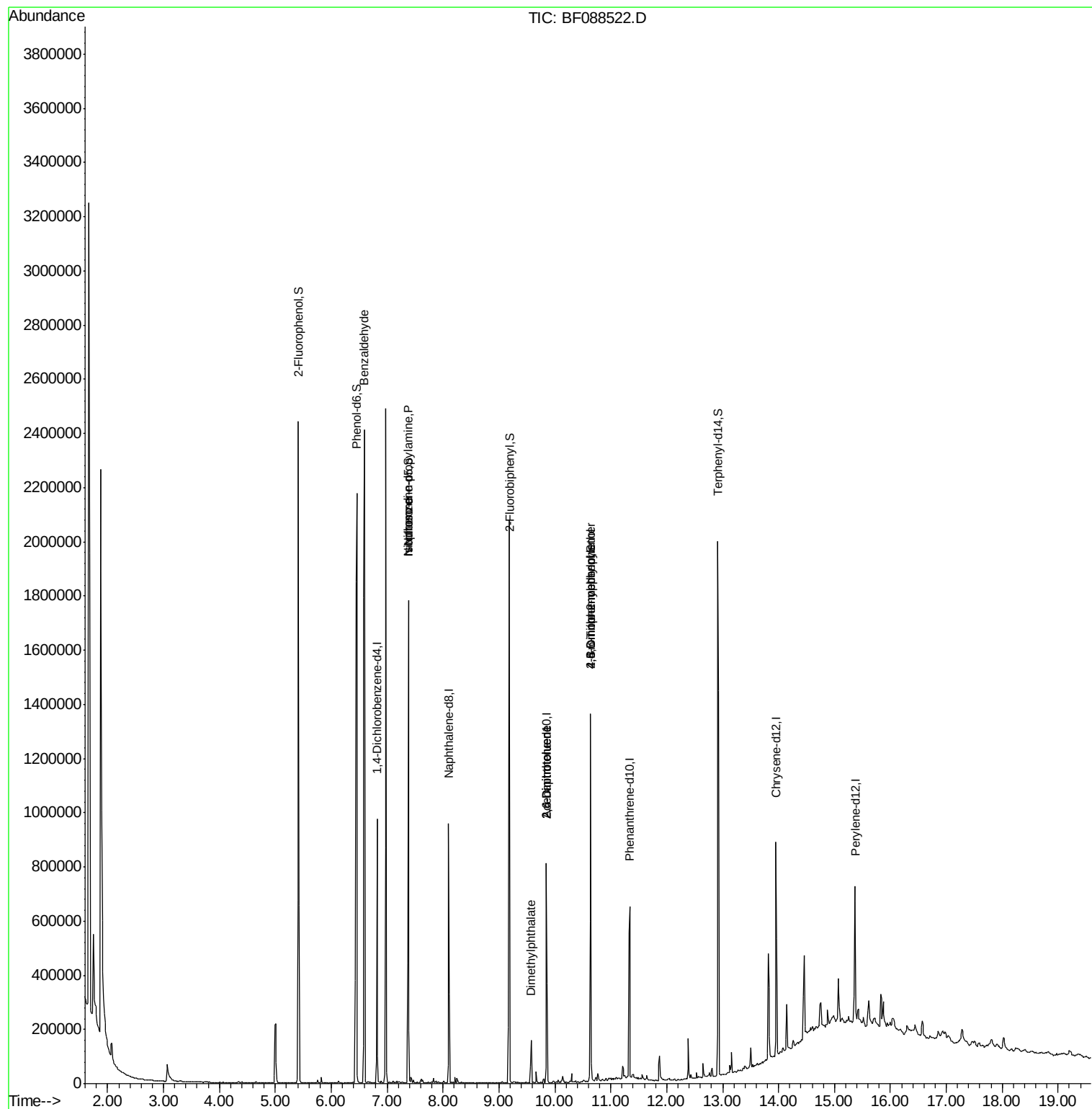
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	126991	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	437423	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	171845	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	316789	20.00	ng	0.00
75) Chrysene-d12	13.95	240	296903	20.00	ng	-0.01
86) Perylene-d12	15.37	264	272441	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	743790	90.70	ng	0.00
7) Phenol-d6	6.46	99	1121012	106.90	ng	0.00
23) Nitrobenzene-d5	7.38	82	576666	69.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	154162	117.01	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	967556	92.54	ng	0.00
78) Terphenyl-d14	12.91	244	779082	49.74	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	20705	4.92	ng	84
19) n-Nitroso-di-n-propylamine	7.38	70	79195	11.10	ng	# 80
25) Isophorone	7.38	82	469116	27.88	ng	# 64
45) 1,1'-Biphenyl	9.18	154	1684	Below Cal	#	1
49) Dimethylphthalate	9.58	163	68854	3.00	ng	98
50) 2,6-Dinitrotoluene	9.85	165	21664	8.39	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	21665	6.71	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.64	198	360	3.61	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	11065	3.23	ng	# 1
70) Phenanthrene	11.36	178	2297	Below Cal		97
71) Anthracene	11.36	178	2297	Below Cal		95

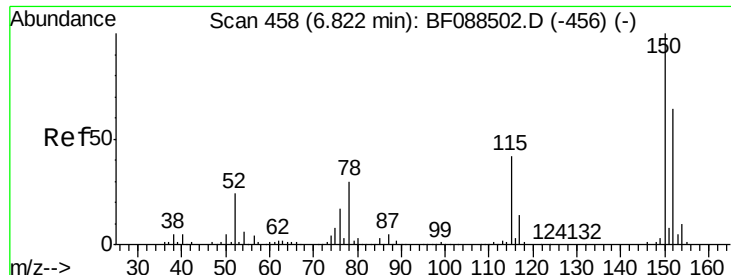
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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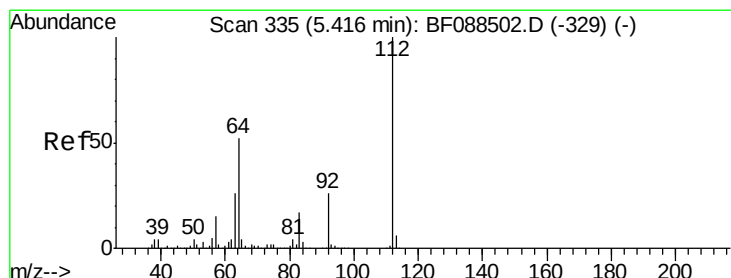
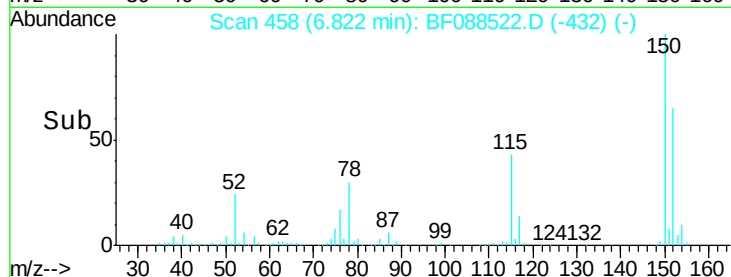
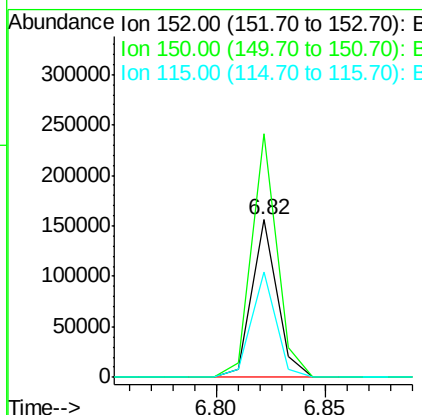
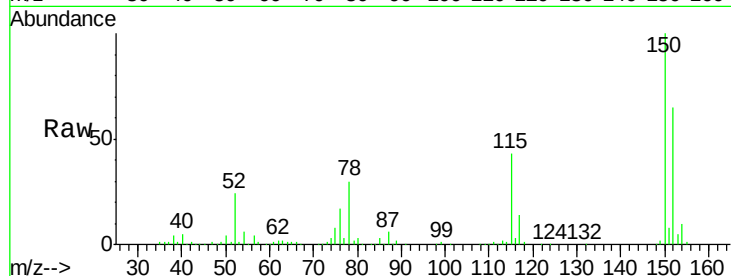


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF088522.D
Acq: 30 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-018

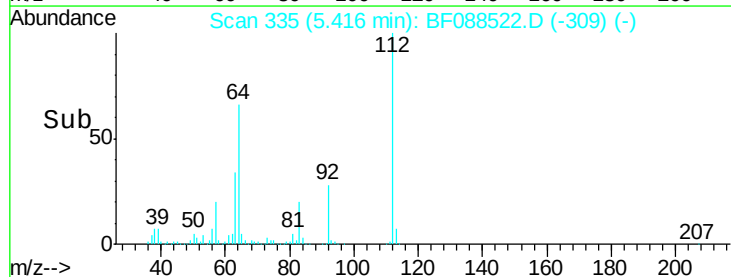
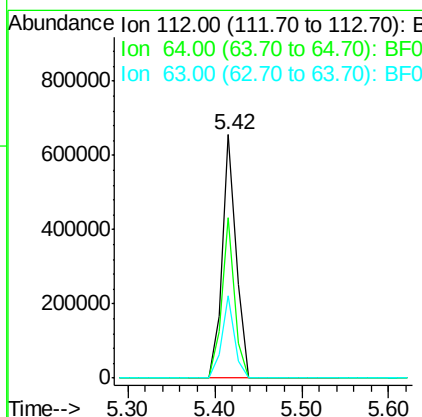
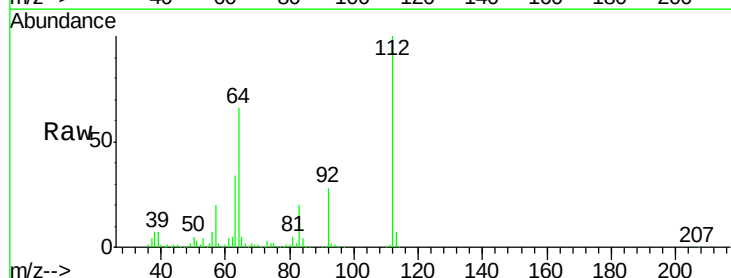
Tgt Ion:152 Resp: 126991
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 66.7 52.3 78.5

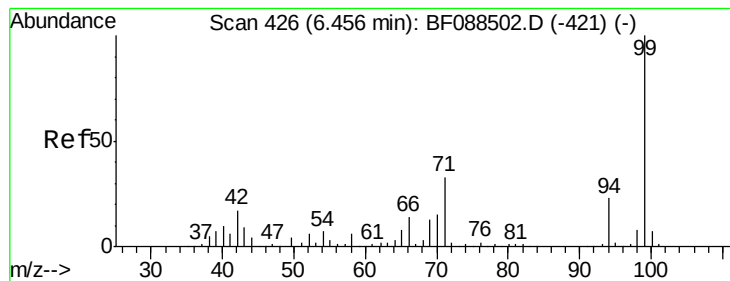


#5

2-Fluorophenol
Concen: 90.70 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.00 min
Lab File: BF088522.D
Acq: 30 Jun 2016 6:14

Tgt Ion:112 Resp: 743790
Ion Ratio Lower Upper
112 100
64 66.0 41.5 62.3#
63 34.0 20.6 31.0#





#7

Phenol-d6

Concen: 106.90 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088522.D

Acq: 30 Jun 2016 6:14

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-018

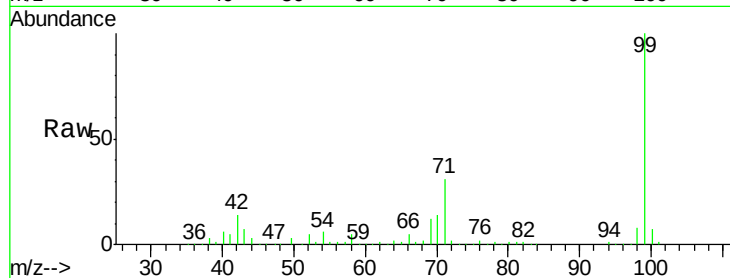
Tgt Ion: 99 Resp: 1121012

Ion Ratio Lower Upper

99 100

42 14.0 13.4 20.0

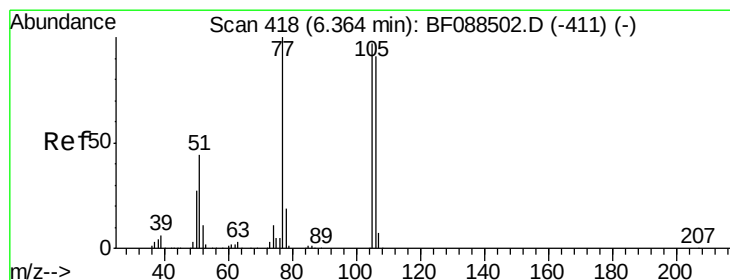
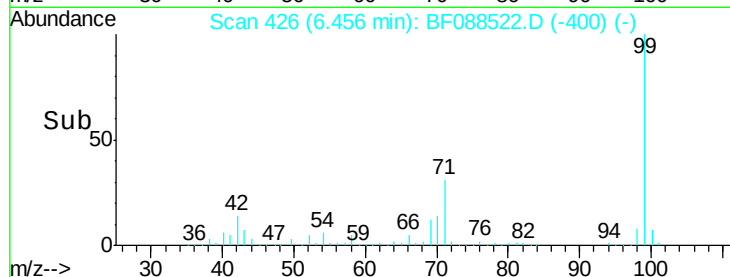
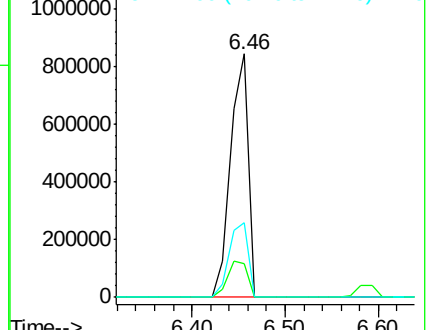
71 30.7 26.1 39.1



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



#9

Benzaldehyde

Concen: 4.92 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.23 min

Lab File: BF088522.D

Acq: 30 Jun 2016 6:14

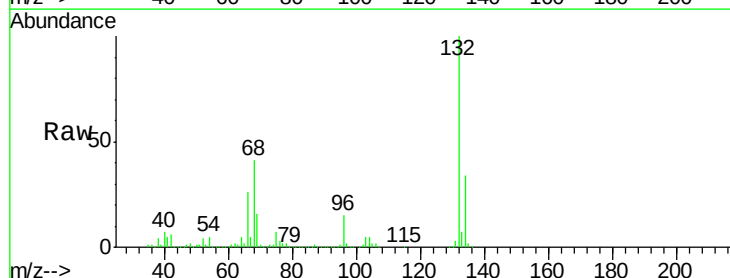
Tgt Ion: 77 Resp: 20705

Ion Ratio Lower Upper

77 100

105 83.6 76.6 116.6

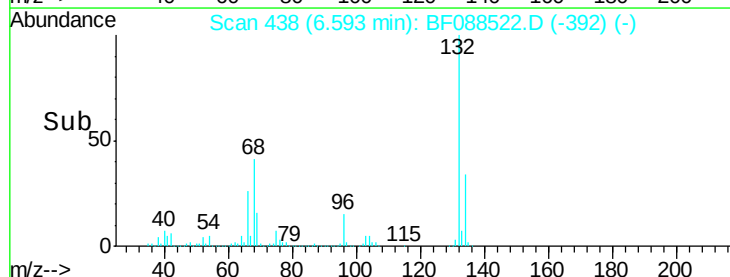
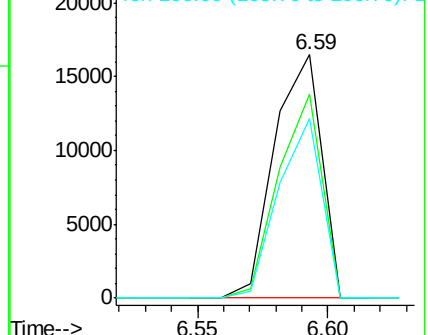
106 73.8 70.8 110.8

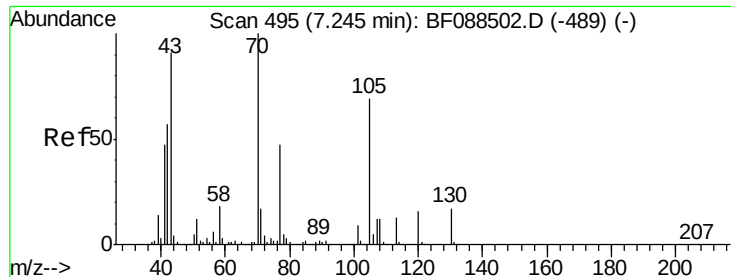


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

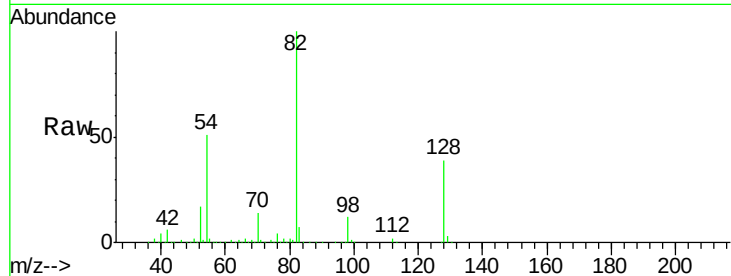




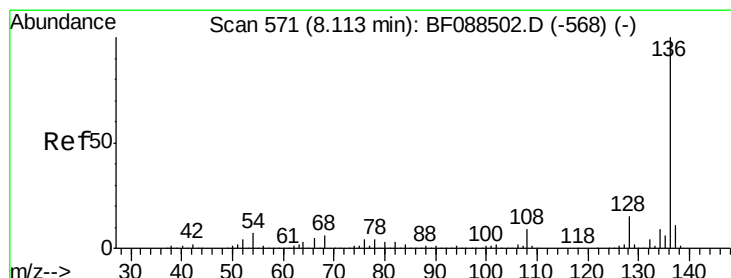
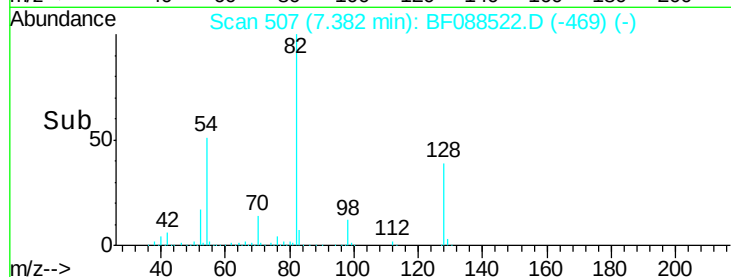
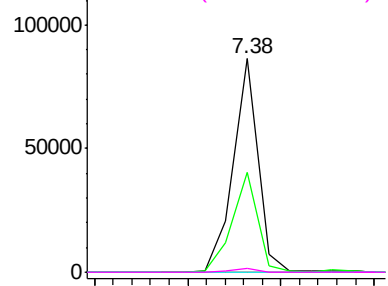
#19
n-Nitroso-di-n-propylamine
Concen: 11.10 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.14 min
Lab File: BF088522.D
Acq: 30 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-018

Tgt Ion: 70 Resp: 79195
Ion Ratio Lower Upper
70 100
42 46.6 45.9 68.9
101 0.0 6.8 10.2#
130 2.0 13.9 20.9#

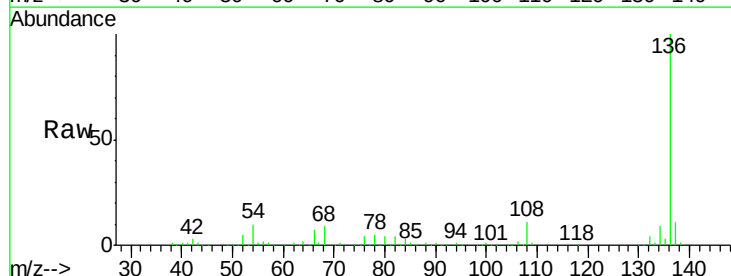


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

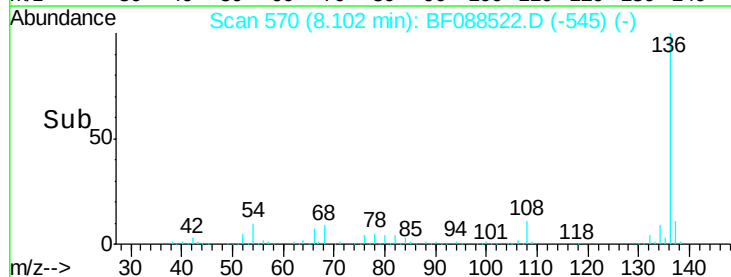
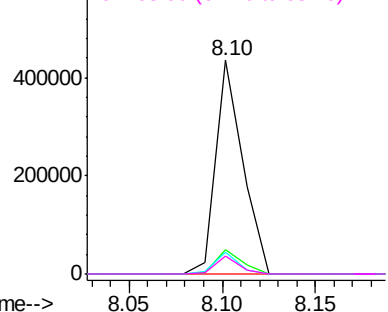


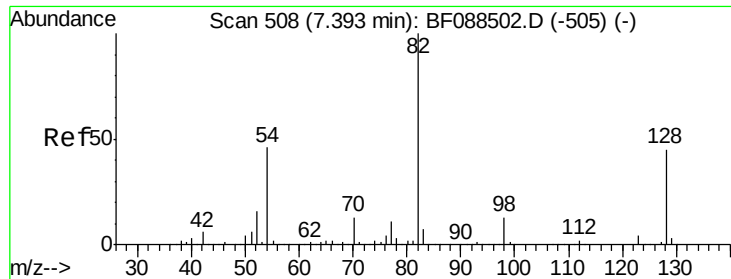
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF088522.D
Acq: 30 Jun 2016 6:14

Tgt Ion: 136 Resp: 437423
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.2 5.4 8.2#
68 8.5 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

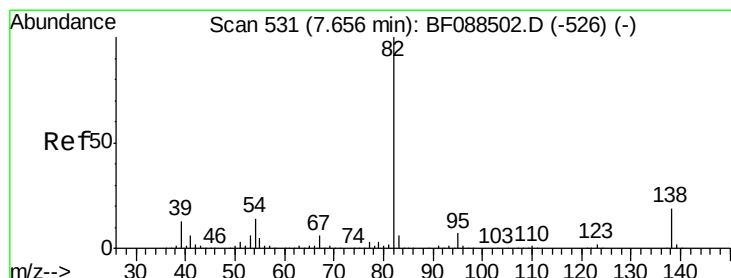
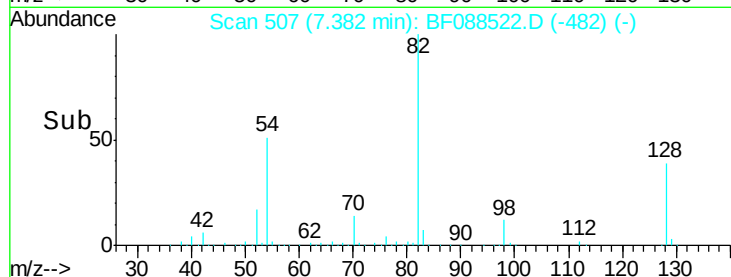
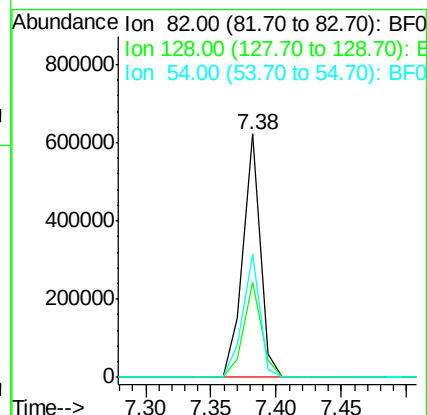
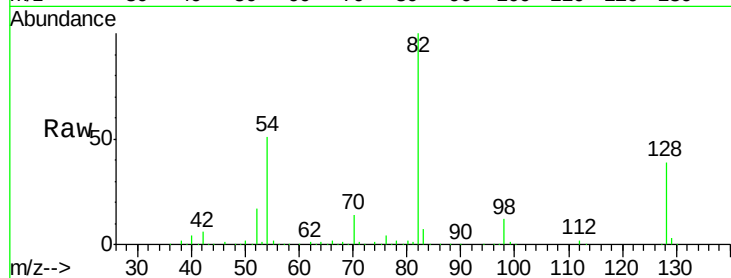




#23
 Nitrobenzene-d5
 Concen: 69.24 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF088522.D
 Acq: 30 Jun 2016 6:14

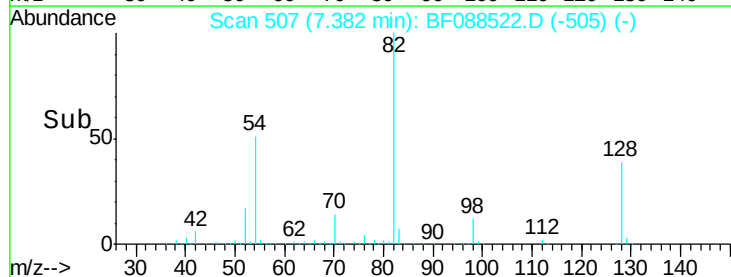
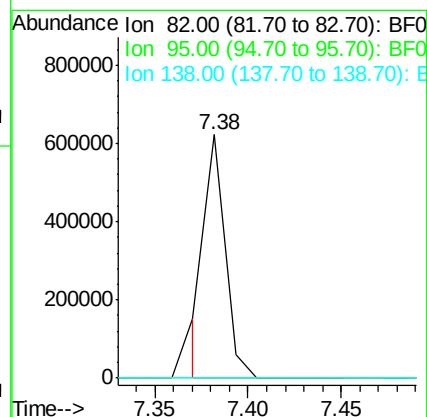
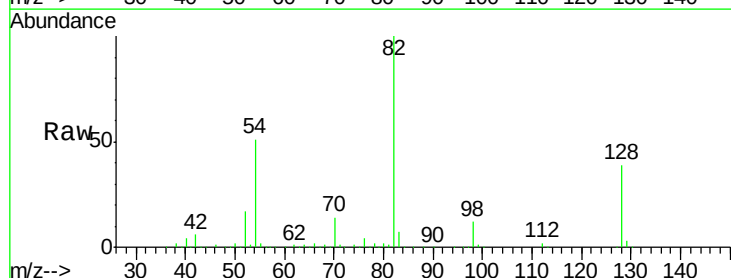
Instrument :
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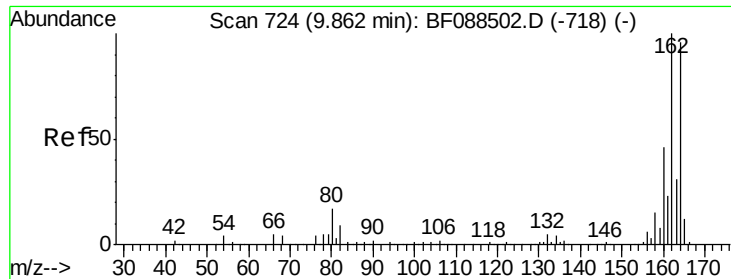
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	35.8	53.8
54	50.6	37.1	55.7



#25
 Isophorone
 Concen: 27.88 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.27 min
 Lab File: BF088522.D
 Acq: 30 Jun 2016 6:14

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#

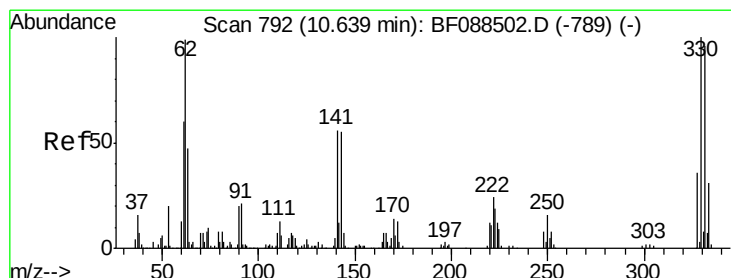
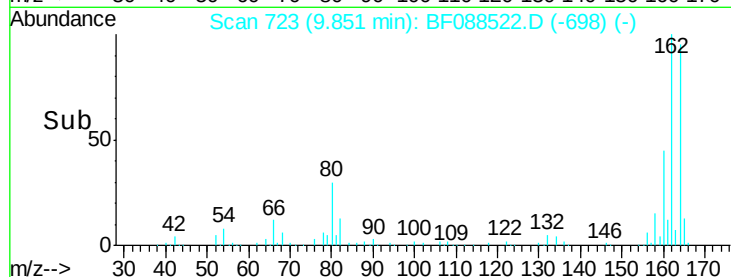
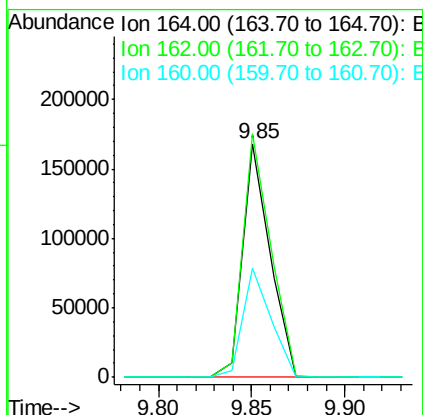
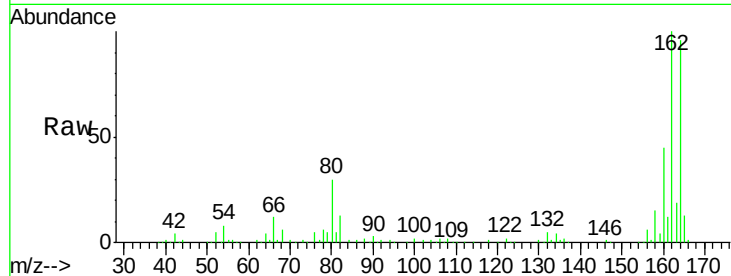




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF088522.D
 Acq: 30 Jun 2016 6:14

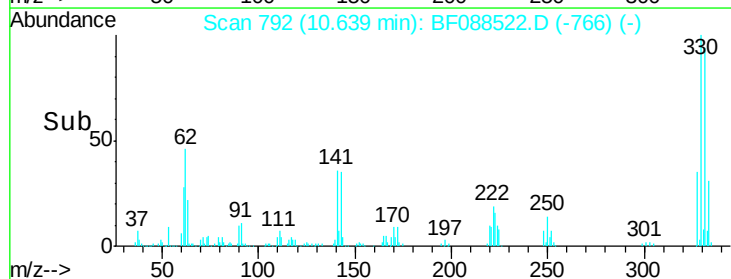
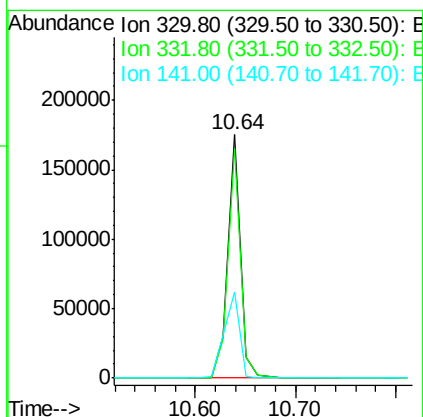
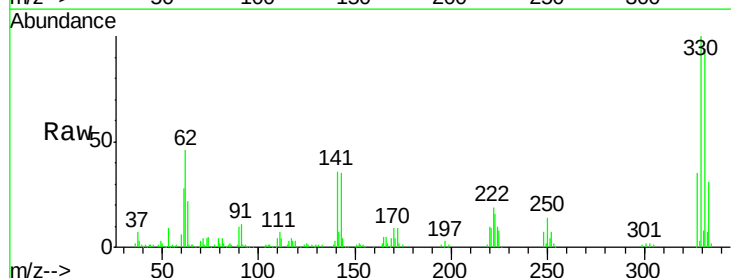
Instrument :
 BNA_F
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 TILCON-GF-018

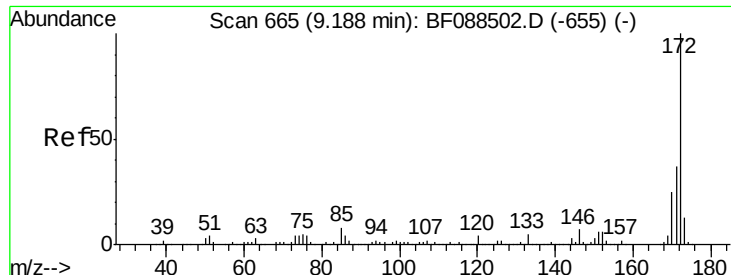
Tgt Ion:164 Resp: 171845
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.7 125.5
 160 46.9 38.9 58.3



#41
 2,4,6-Tribromophenol
 Concen: 117.01 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF088522.D
 Acq: 30 Jun 2016 6:14

Tgt Ion:330 Resp: 154162
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 43.1 0.0 0.0#

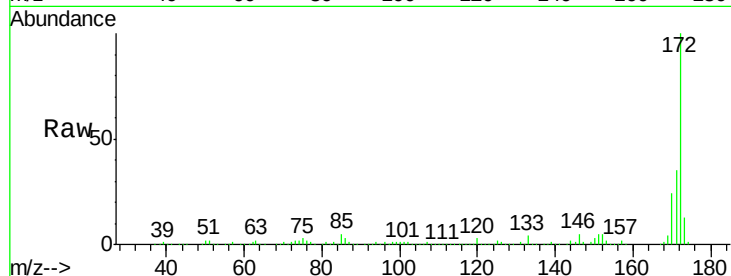




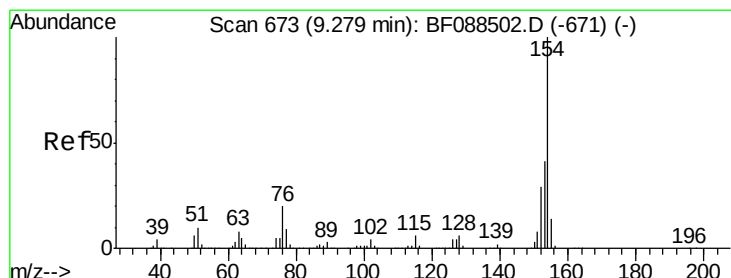
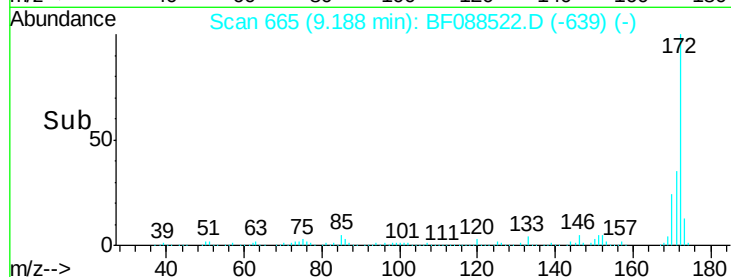
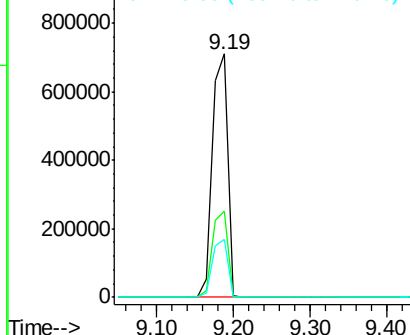
#44
 2-Fluorobiphenyl
 Concen: 92.54 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF088522.D
 Acq: 30 Jun 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-018

Tgt Ion:172 Resp: 967556
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.3 43.9
 170 23.8 19.8 29.8

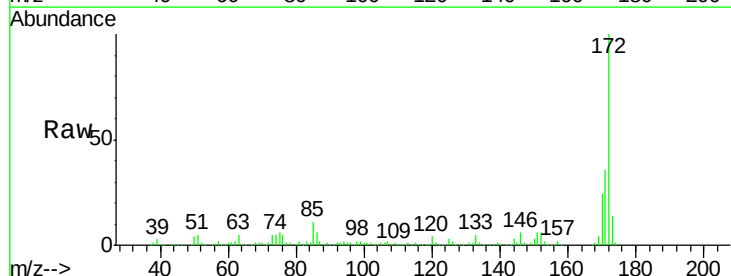


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

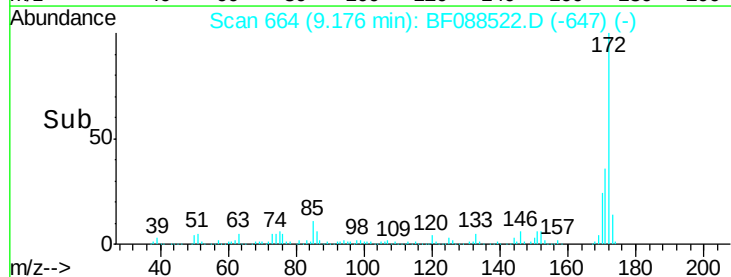
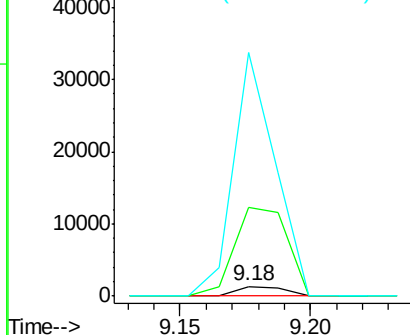


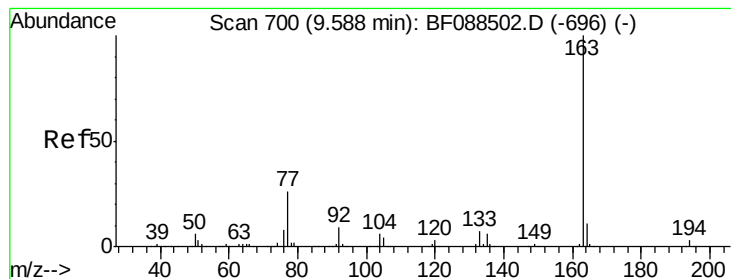
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.18 min Scan# 664
 Delta R.T. -0.10 min
 Lab File: BF088522.D
 Acq: 30 Jun 2016 6:14

Tgt Ion:154 Resp: 1684
 Ion Ratio Lower Upper
 154 100
 153 929.6 20.8 60.8#
 76 2537.2 0.0 39.9#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0





#49

Dimethylphthalate

Concen: 3.00 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF088522.D

Acq: 30 Jun 2016 6:14

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-018

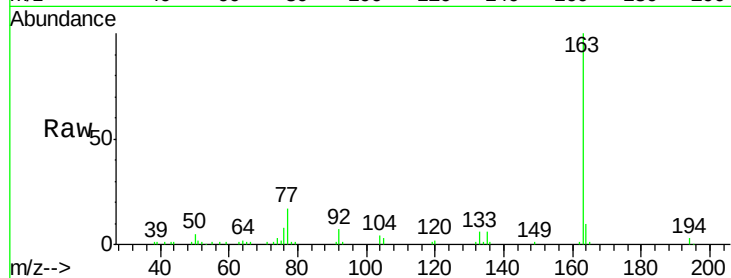
Tgt Ion:163 Resp: 68854

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

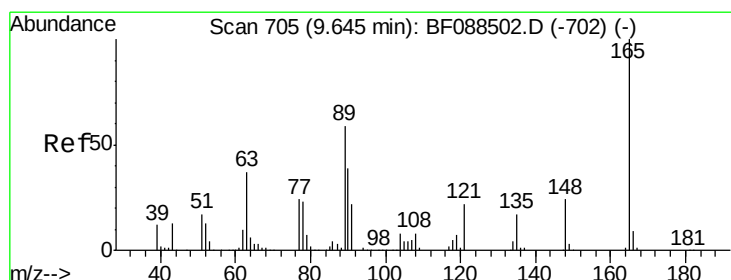
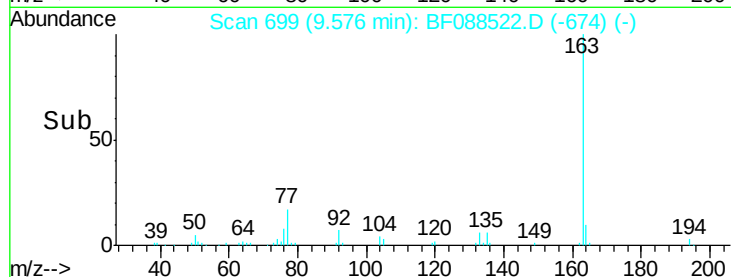
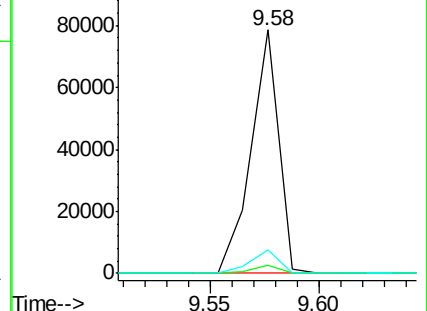
164 9.7 8.5 12.7



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



#50

2,6-Dinitrotoluene

Concen: 8.39 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.21 min

Lab File: BF088522.D

Acq: 30 Jun 2016 6:14

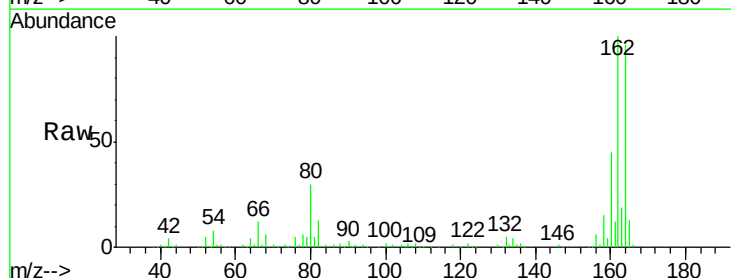
Tgt Ion:165 Resp: 21664

Ion Ratio Lower Upper

165 100

63 2.0 45.0 67.4#

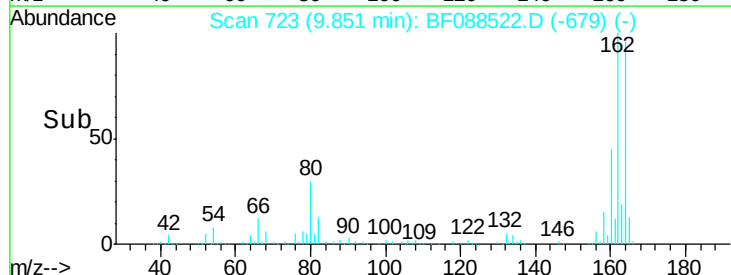
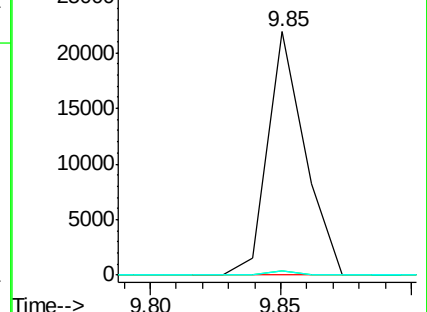
89 1.9 47.8 71.6#

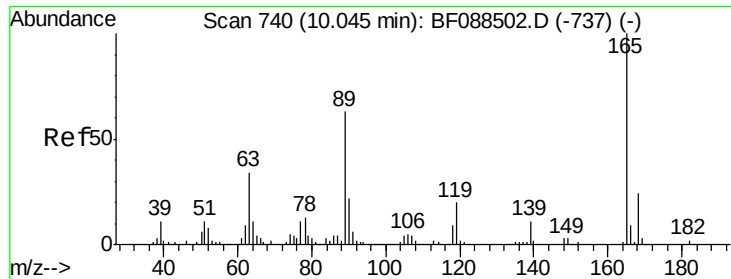


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

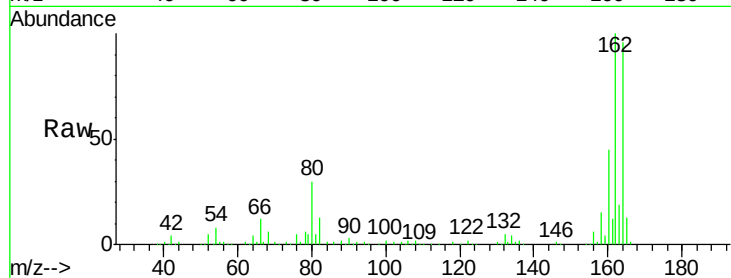




#56
 2,4-Dinitrotoluene
 Concen: 6.71 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.19 min
 Lab File: BF088522.D
 Acq: 30 Jun 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-018

Tgt Ion:	165	Resp:	21665
Ion Ratio	Lower	Upper	
165	100		
63	2.0	27.3	40.9#
89	1.9	50.4	75.6#
182	0.0	2.0	3.0#

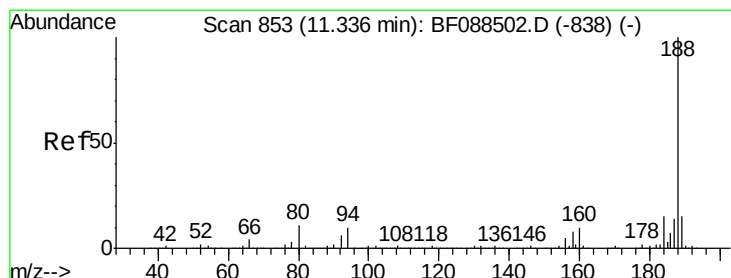
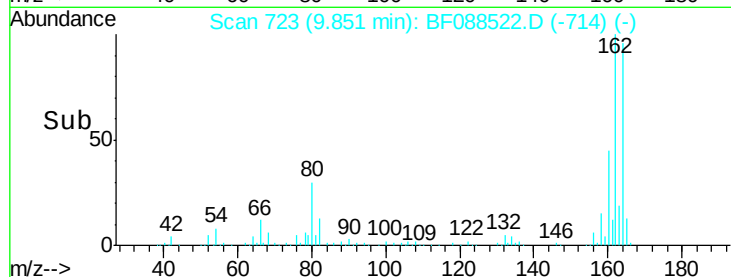
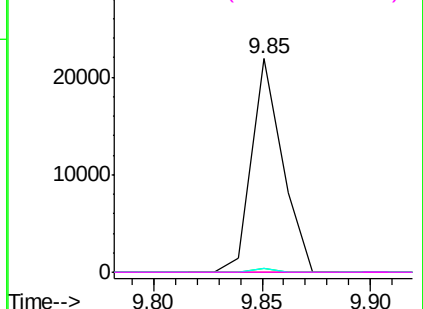


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

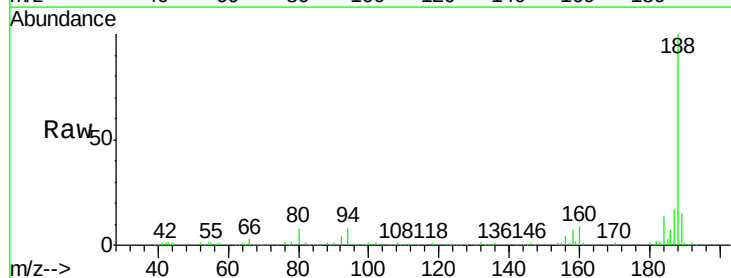
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF088522.D
 Acq: 30 Jun 2016 6:14

Tgt Ion:	188	Resp:	316789
Ion Ratio	Lower	Upper	
188	100		
94	7.5	7.8	11.8#
80	8.0	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

