

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088791.D
 Acq On : 7 Jul 2016 21:10
 Operator : UM/SJ
 Sample : H3830-01RE
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-015RE

Quant Time: Jul 08 01:43:43 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

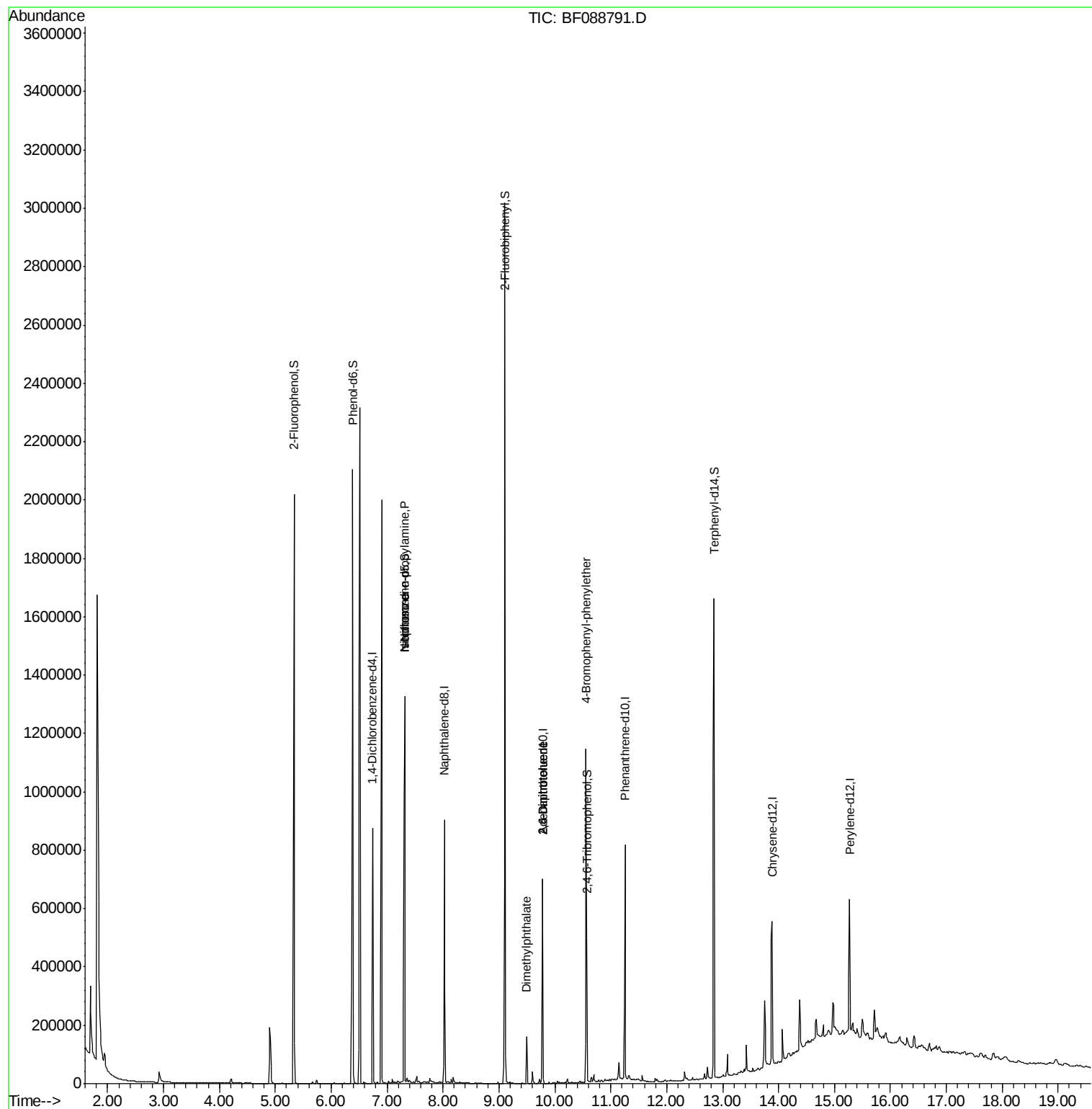
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	119616	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	423102	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	180475	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	292591	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	223657	20.00	ng	-0.03
86) Perylene-d12	15.27	264	192621	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	606431	75.98	ng	-0.03
7) Phenol-d6	6.39	99	934063	90.57	ng	-0.02
23) Nitrobenzene-d5	7.31	82	618181	76.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	156845	93.59	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	850732	74.46	ng	-0.03
78) Terphenyl-d14	12.85	244	611379	60.89	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	83360	12.03	ng	# 67
25) Isophorone	7.31	82	561663	37.56	ng	# 65
49) Dimethylphthalate	9.50	163	60825	4.73	ng	99
50) 2,6-Dinitrotoluene	9.78	165	22525	7.90	ng	# 40
56) 2,4-Dinitrotoluene	9.78	165	22525	6.05	ng	# 38
66) 4-Bromophenyl-phenylether	10.56	248	9389	3.18	ng	# 1

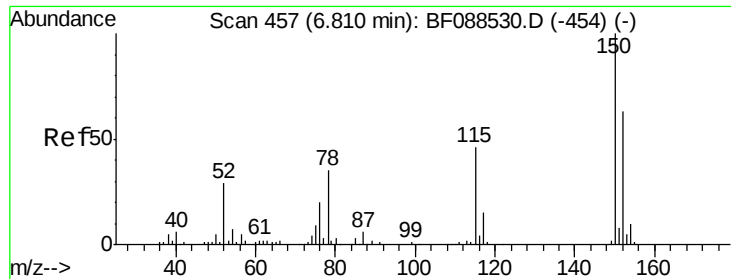
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088791.D

Acq: 7 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-015RE

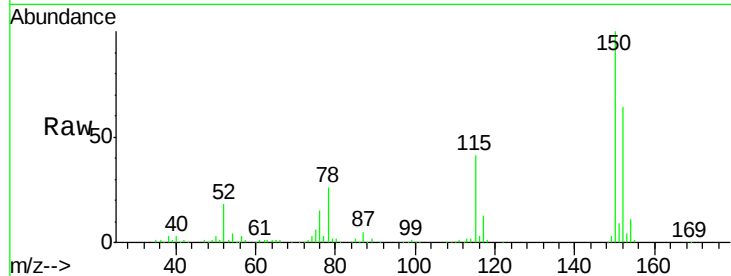
Tgt Ion:152 Resp: 119616

Ion Ratio Lower Upper

152 100

150 157.0 123.8 185.6

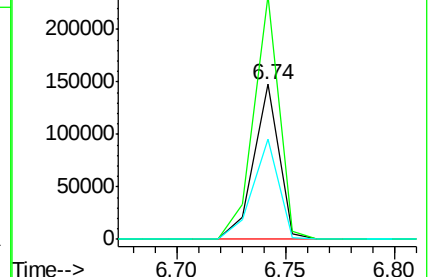
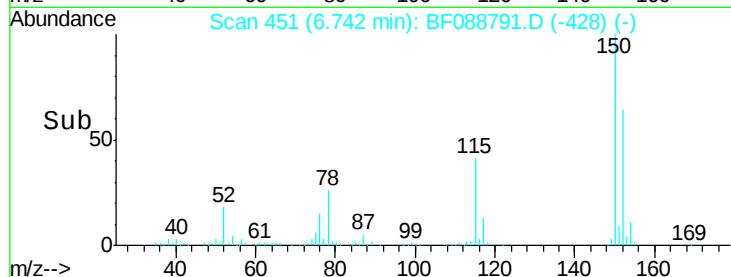
115 65.0 39.6 59.4#



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: 75.98 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088791.D

Acq: 7 Jul 2016 21:10

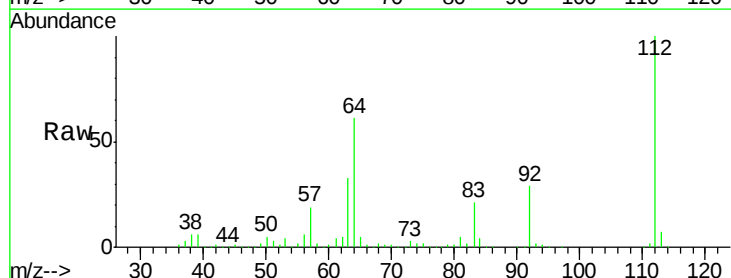
Tgt Ion:112 Resp: 606431

Ion Ratio Lower Upper

112 100

64 60.5 42.2 63.2

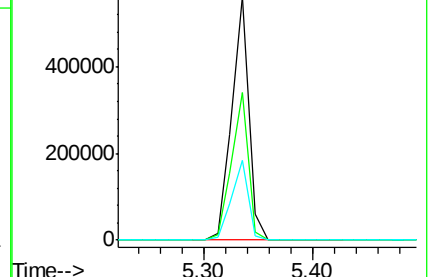
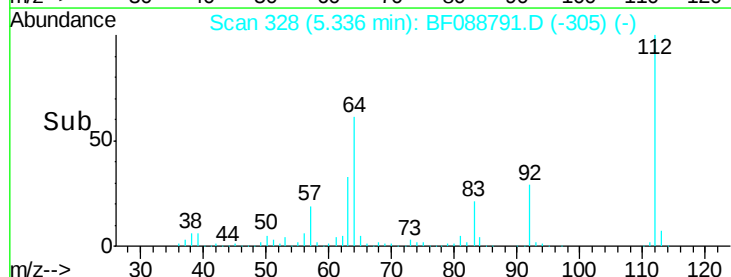
63 32.6 21.8 32.8



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: 90.57 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088791.D

Acq: 7 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-015RE

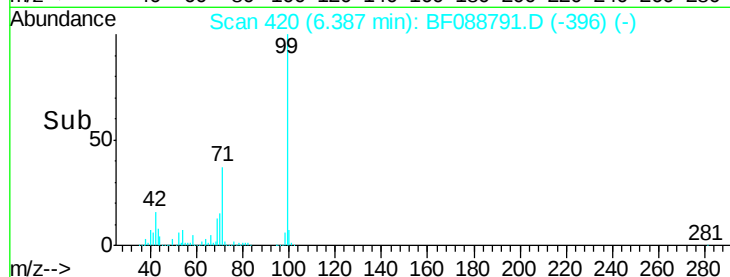
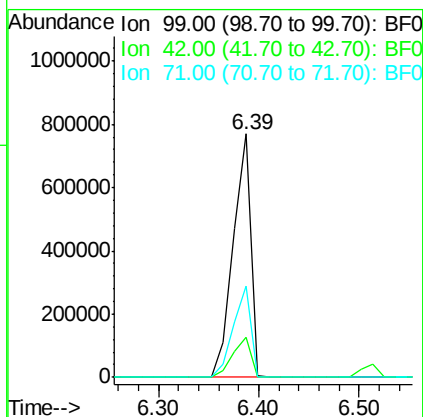
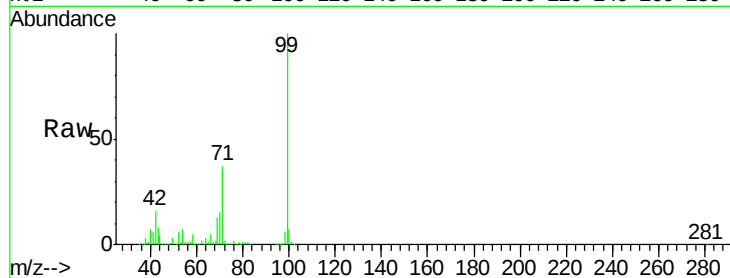
Tgt Ion: 99 Resp: 934063

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.2

71 37.3 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 12.03 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.11 min

Lab File: BF088791.D

Acq: 7 Jul 2016 21:10

Tgt Ion: 70 Resp: 83360

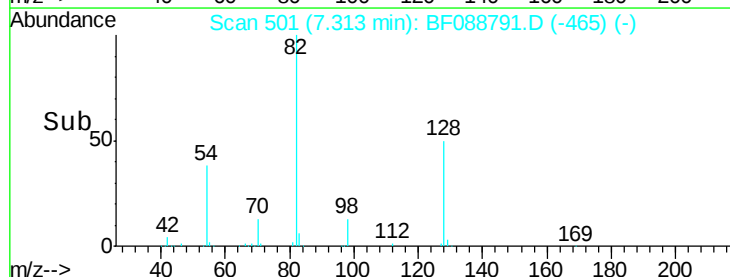
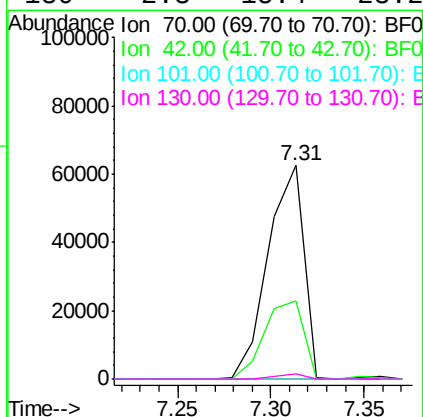
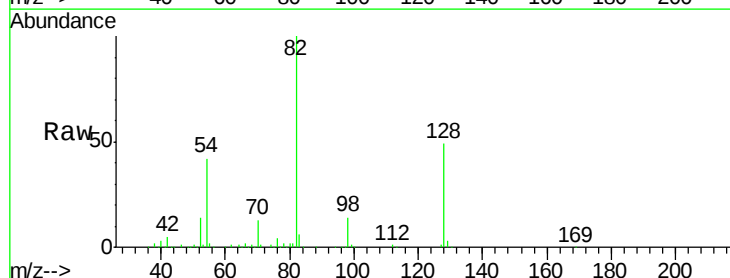
Ion Ratio Lower Upper

70 100

42 36.7 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 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: BF088791.D

Acq: 7 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-015RE

Tgt Ion:136 Resp: 423102

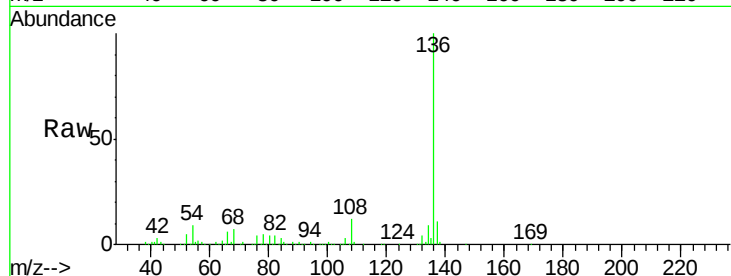
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.1 6.6 10.0

68 7.2 5.1 7.7

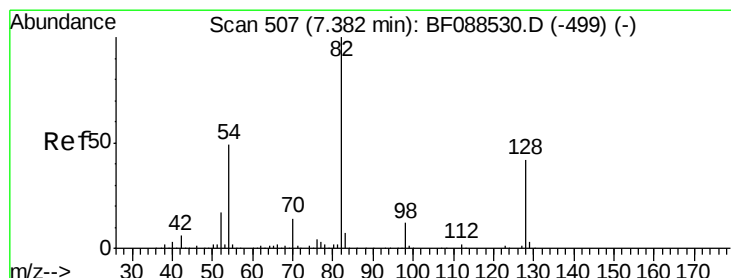
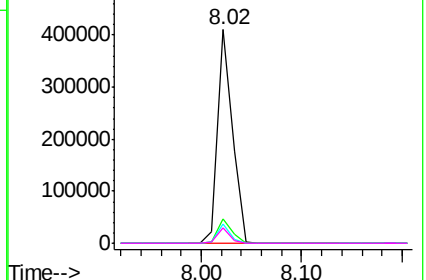
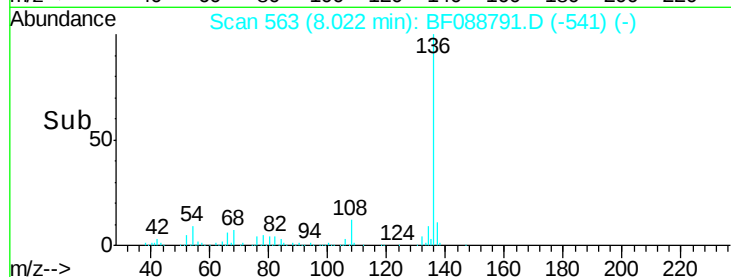


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.57 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF088791.D

Acq: 7 Jul 2016 21:10

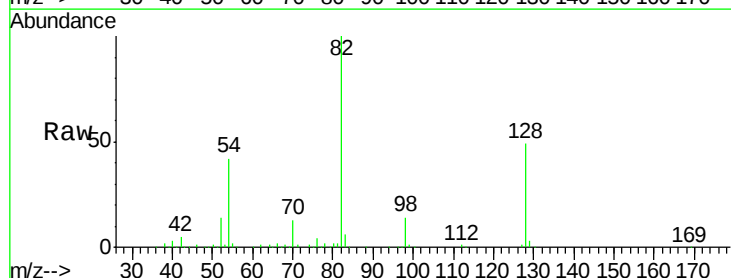
Tgt Ion: 82 Resp: 618181

Ion Ratio Lower Upper

82 100

128 49.5 35.9 53.9

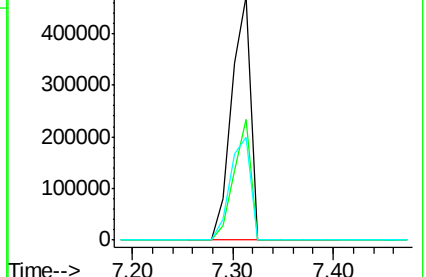
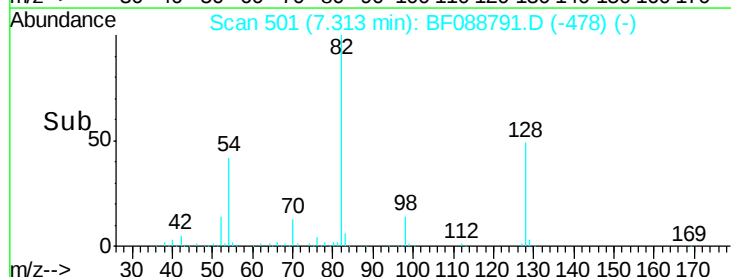
54 42.1 40.9 61.3

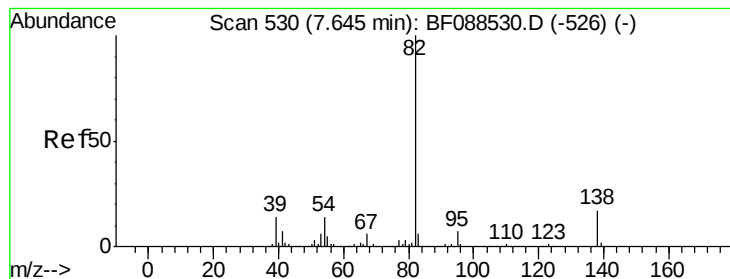


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.56 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.30 min

Lab File: BF088791.D

Acq: 7 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-015RE

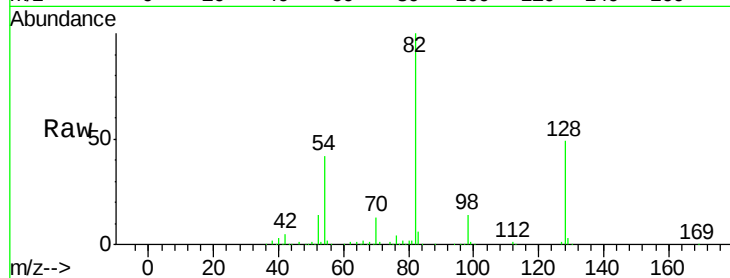
Tgt Ion: 82 Resp: 561663

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

7.31

400000

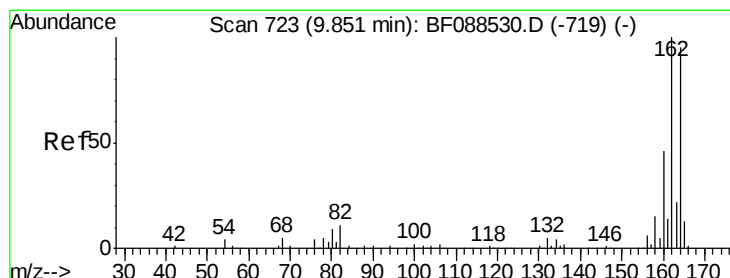
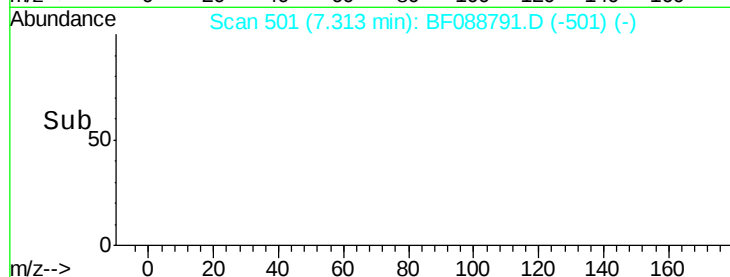
300000

200000

100000

0

Time--> 7.25 7.30 7.35 7.40



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088791.D

Acq: 7 Jul 2016 21:10

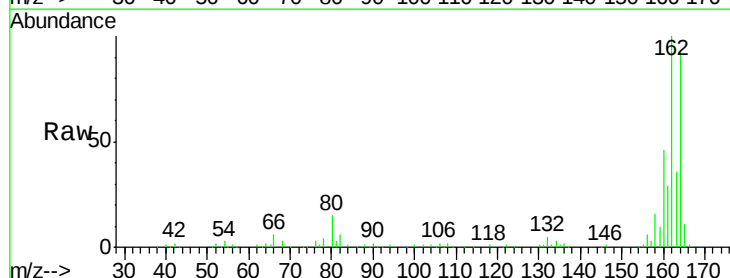
Tgt Ion: 164 Resp: 180475

Ion Ratio Lower Upper

164 100

162 107.8 85.4 128.2

160 49.6 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

9.78

200000

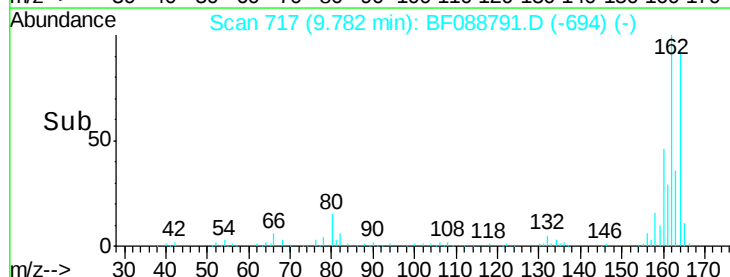
150000

100000

50000

0

Time--> 9.70 9.75 9.80 9.85

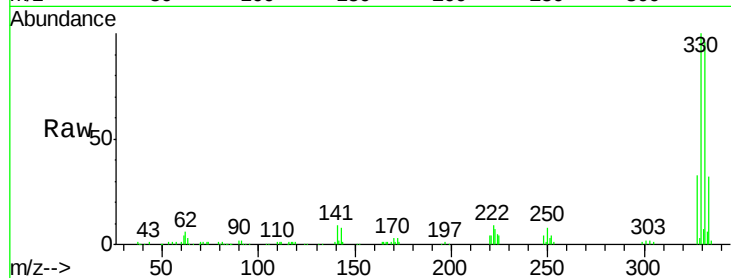




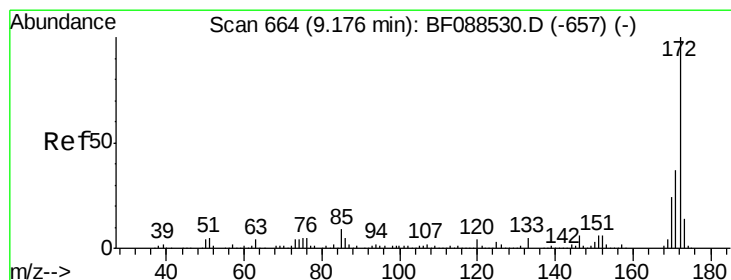
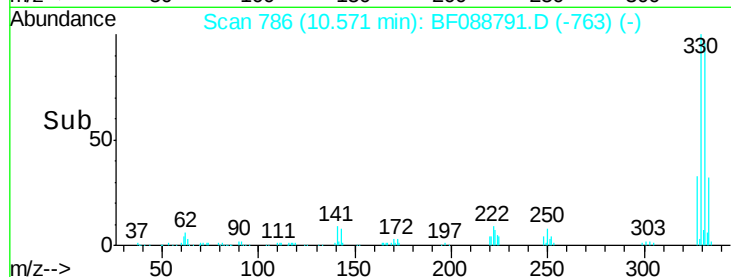
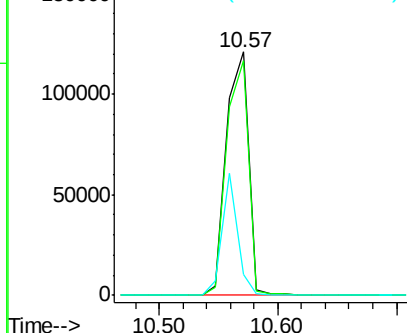
#41
 2,4,6-Tribromophenol
 Concen: 93.59 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088791.D
 Acq: 7 Jul 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-015RE

Tgt Ion:330 Resp: 156845
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 34.8 0.0 0.0#

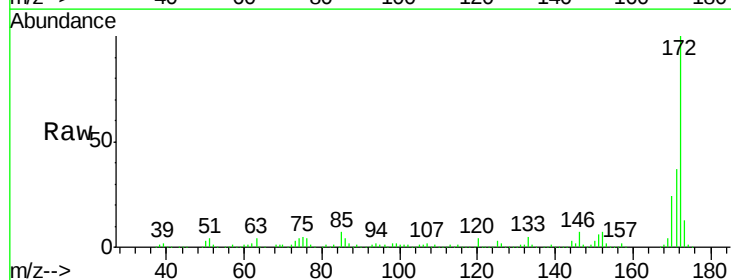


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

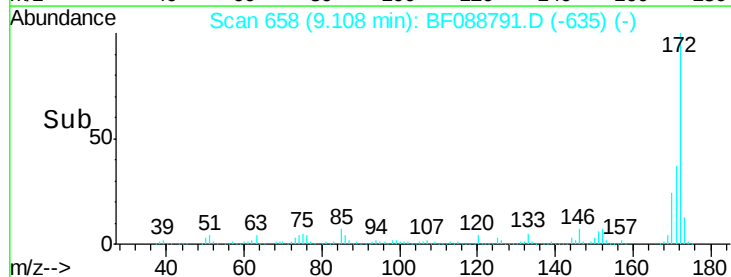
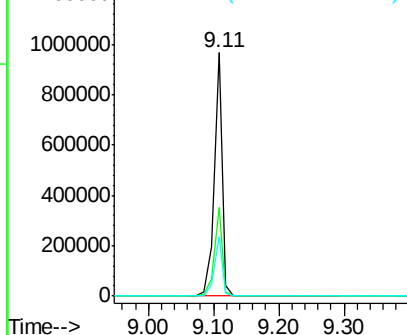


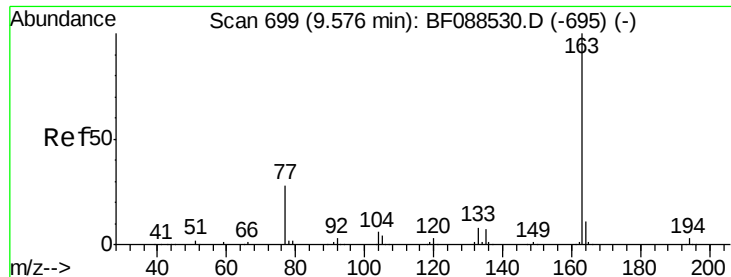
#44
 2-Fluorobiphenyl
 Concen: 74.46 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088791.D
 Acq: 7 Jul 2016 21:10

Tgt Ion:172 Resp: 850732
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.5 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

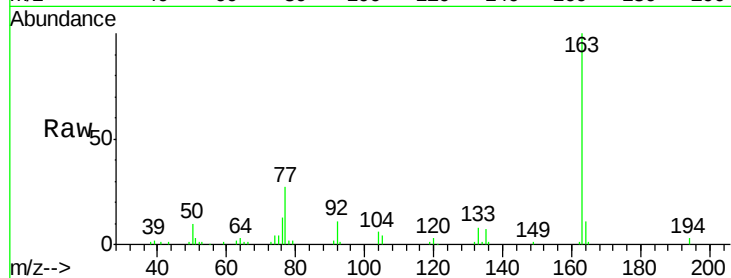




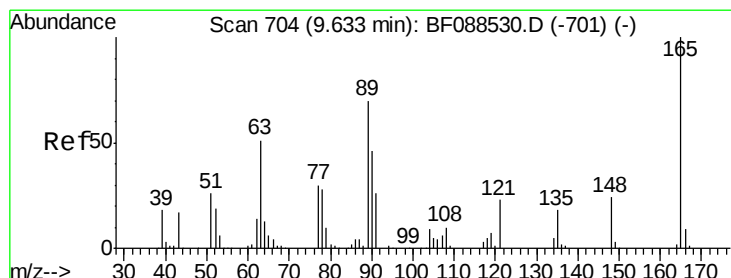
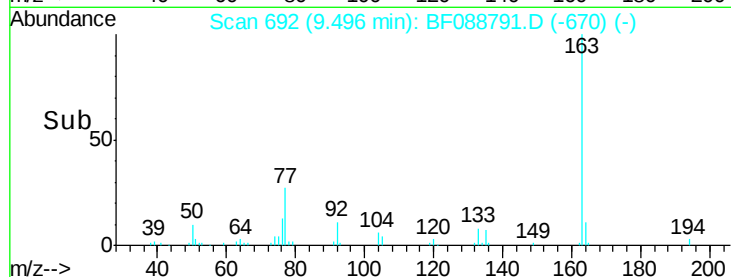
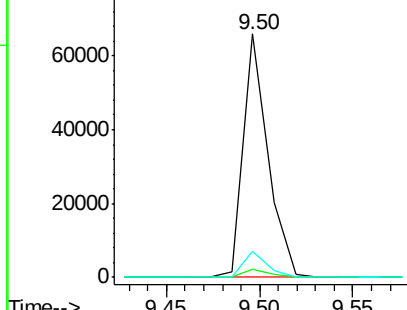
#49
Dimethylphthalate
Concen: 4.73 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-015RE

Tgt Ion:163 Resp: 60825
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.7 8.3 12.5

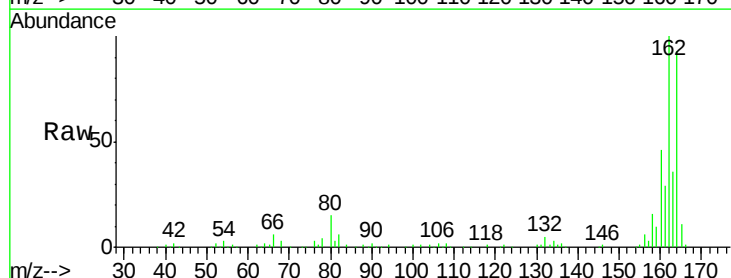


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

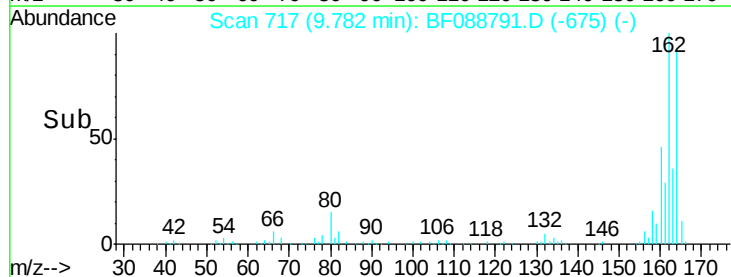
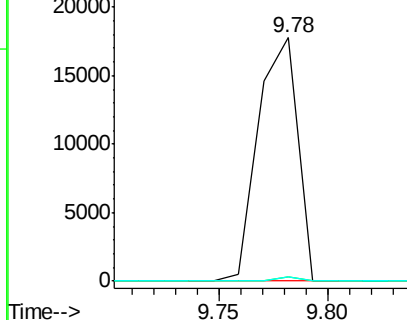


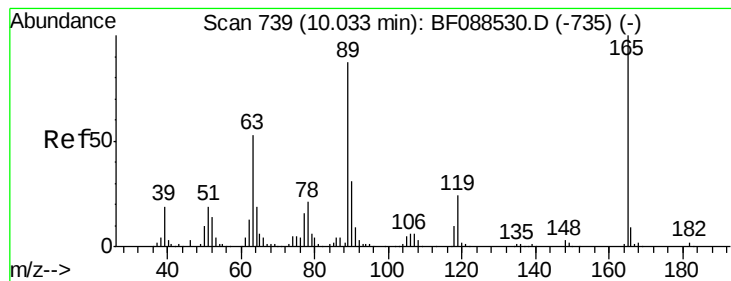
#50
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.18 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Tgt Ion:165 Resp: 22525
Ion Ratio Lower Upper
165 100
63 1.8 28.1 42.1#
89 1.8 32.2 48.2#



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: 6.05 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.22 min

Lab File: BF088791.D

Acq: 7 Jul 2016 21:10

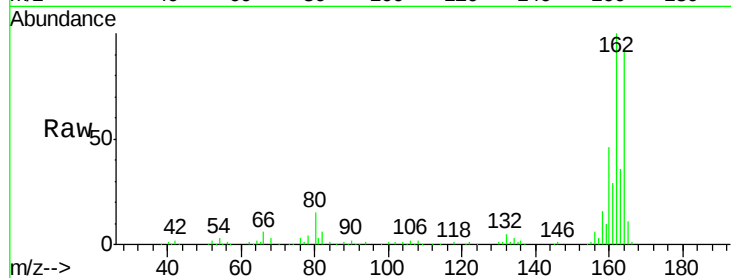
Instrument :

BNA_F

ClientSampleId :

TILCON-GF-015RE

Tgt Ion:	165	Resp:	22525
Ion Ratio	Lower	Upper	
165	100		
63	1.8	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#

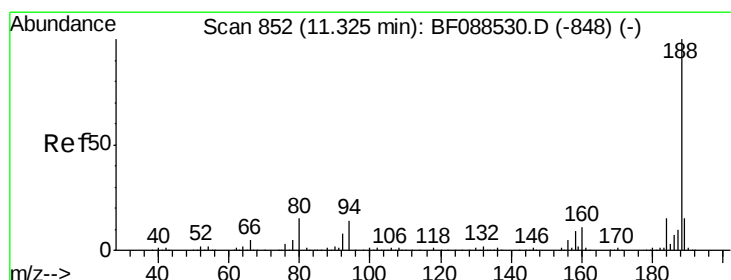
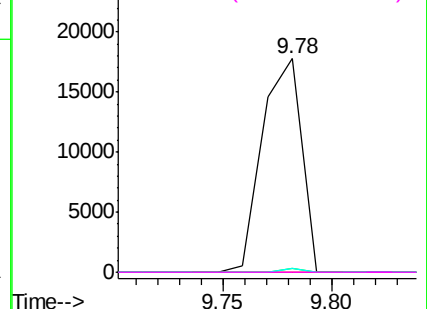
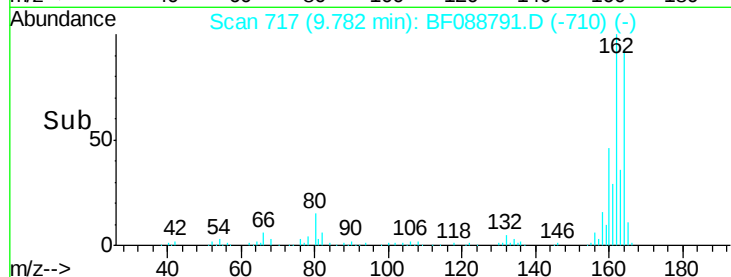


Abundance Ion 165.00 (164.70 to 165.70): E

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

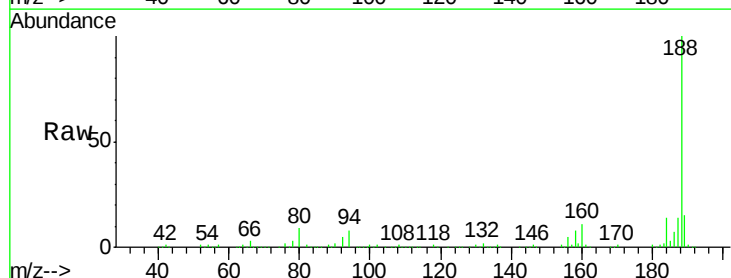
RT: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF088791.D

Acq: 7 Jul 2016 21:10

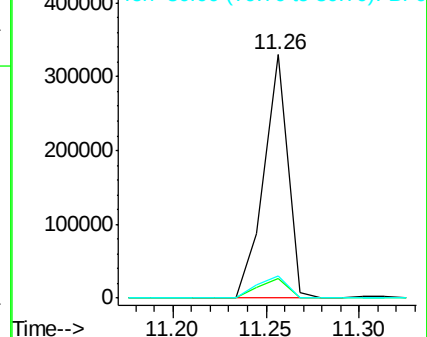
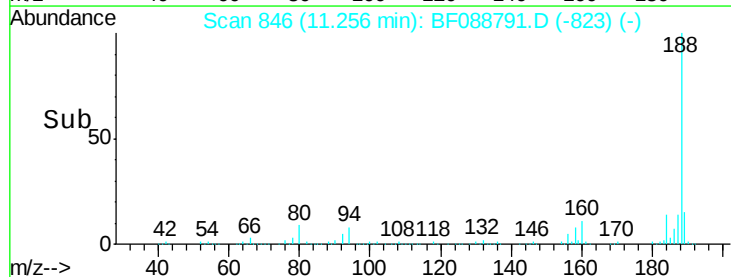
Tgt Ion:	188	Resp:	292591
Ion Ratio	Lower	Upper	
188	100		
94	8.3	9.0	13.6#
80	9.3	10.0	15.0#

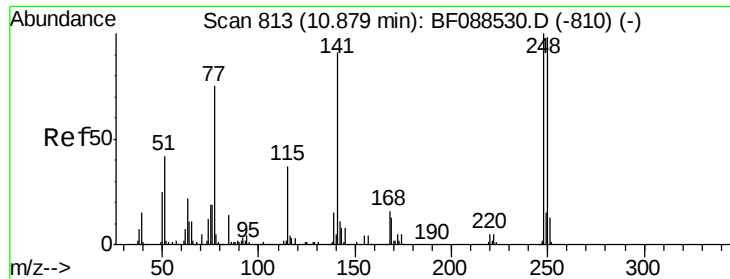


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

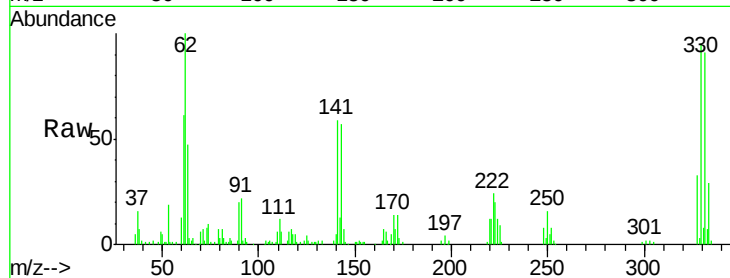




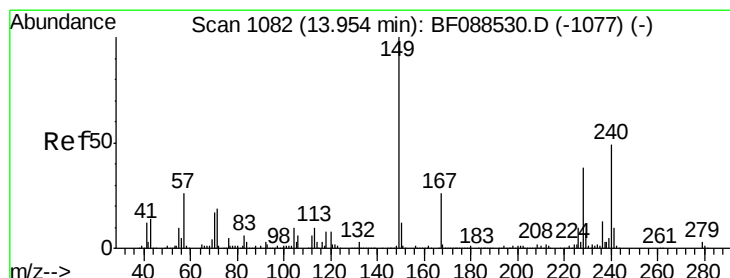
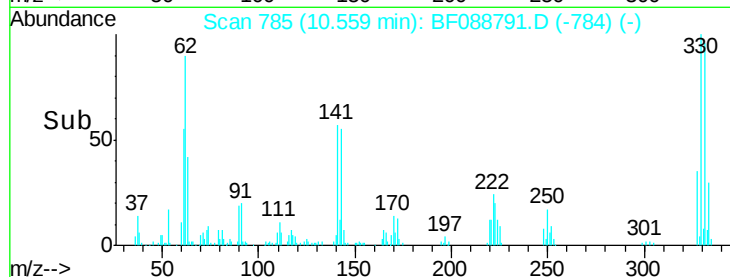
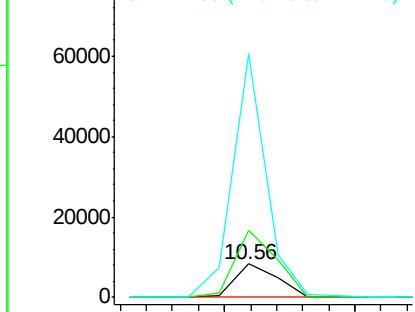
#66
4-Bromophenyl-phenylether
Concen: 3.18 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.29 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-015RE

Tgt Ion:248 Resp: 9389
Ion Ratio Lower Upper
248 100
250 201.3 77.1 115.7#
141 730.1 50.6 76.0#

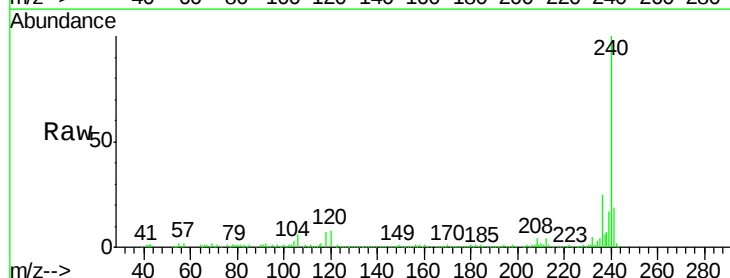


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

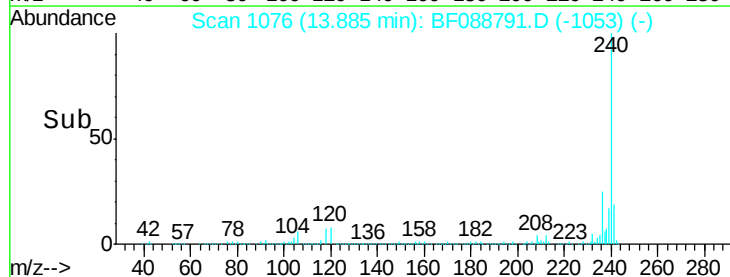
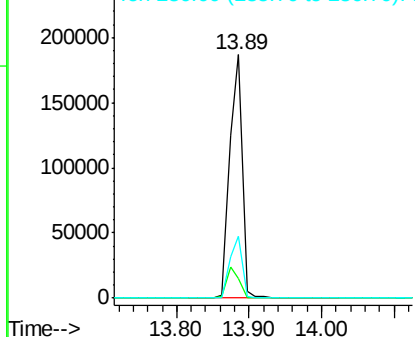


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.03 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Tgt Ion:240 Resp: 223657
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 25.3 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

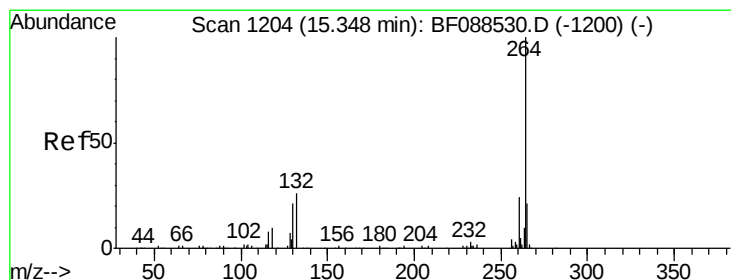
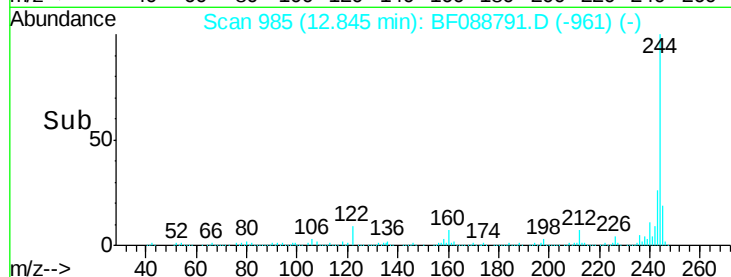
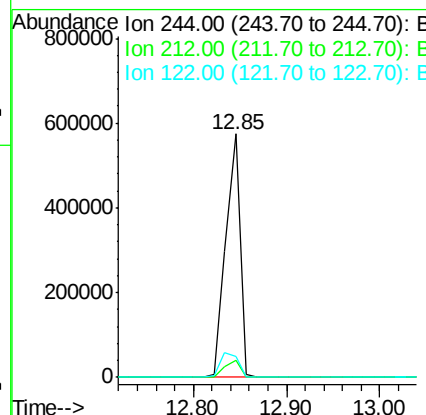
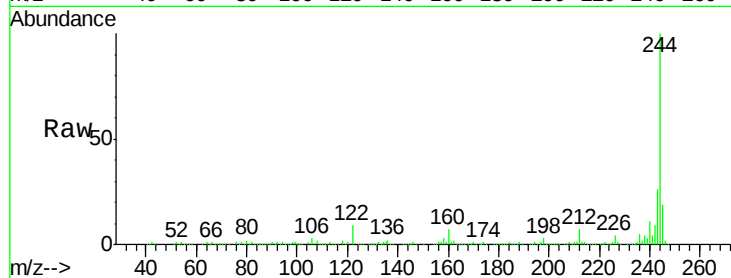




#78
 Terphenyl-d14
 Concen: 60.89 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088791.D
 Acq: 7 Jul 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-015RE

Tgt Ion:244 Resp: 611379
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 8.8 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: BF088791.D
 Acq: 7 Jul 2016 21:10

Tgt Ion:264 Resp: 192621
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.1 16.9 25.3

