

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088794.D
 Acq On : 7 Jul 2016 22:37
 Operator : UM/SJ
 Sample : H3830-04RE
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-018RE

Quant Time: Jul 08 01:44:24 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

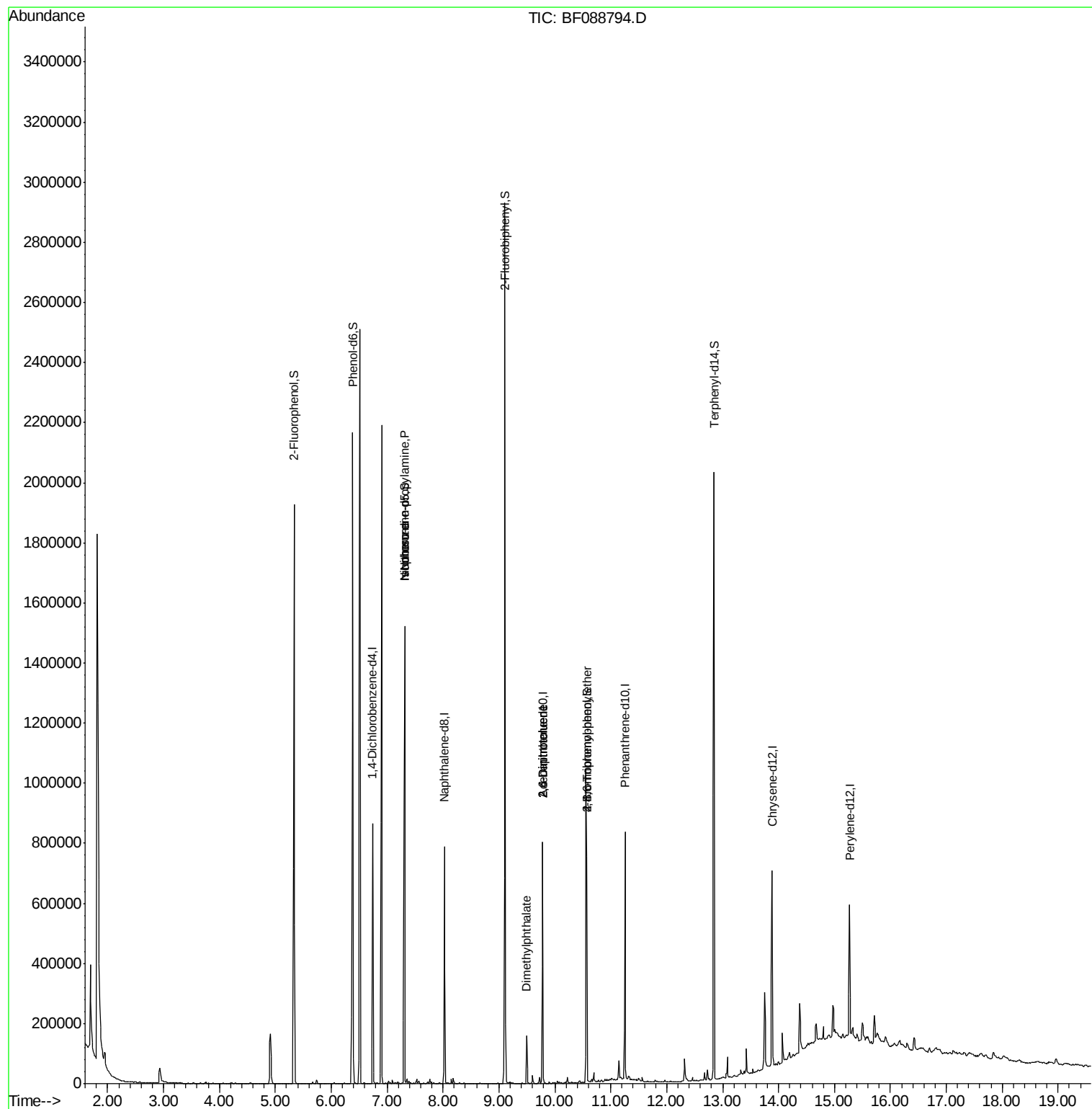
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	114747	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	403243	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	176789	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	276075	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	230167	20.00	ng	-0.03
86) Perylene-d12	15.27	264	183218	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	649138	84.78	ng	-0.03
7) Phenol-d6	6.39	99	898229	90.79	ng	-0.02
23) Nitrobenzene-d5	7.31	82	653774	84.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	172351	104.99	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	853606	76.27	ng	-0.03
78) Terphenyl-d14	12.85	244	667697	64.61	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	90593	13.63	ng	# 69
25) Isophorone	7.31	82	605377	42.47	ng	# 65
49) Dimethylphthalate	9.50	163	64668	5.13	ng	100
50) 2,6-Dinitrotoluene	9.78	165	22155	7.94	ng	# 40
56) 2,4-Dinitrotoluene	9.78	165	22155	6.07	ng	# 38
66) 4-Bromophenyl-phenylether	10.57	248	10911	3.92	ng	# 1

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

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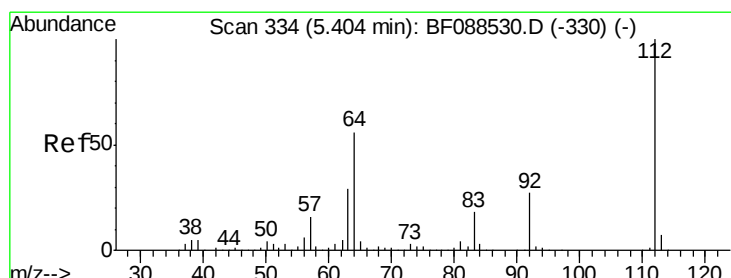
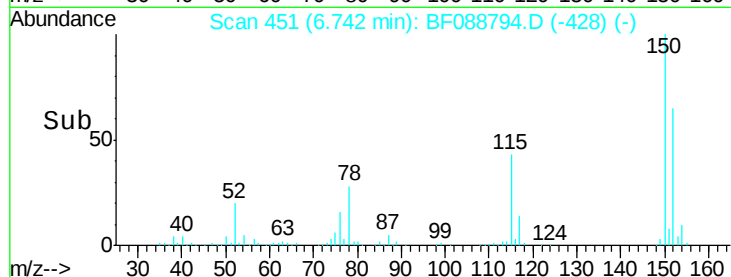
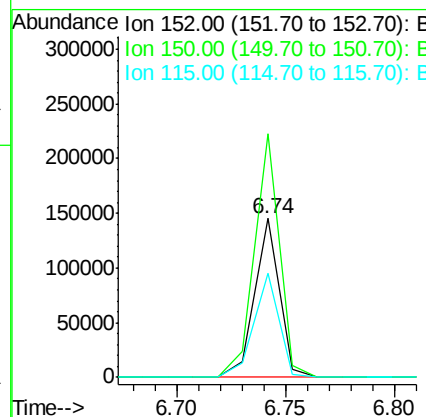
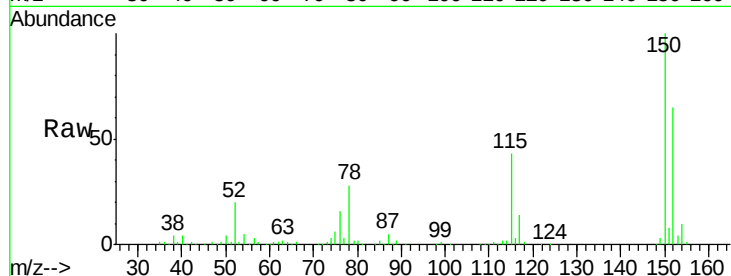




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF088794.D
 Acq: 7 Jul 2016 22:37

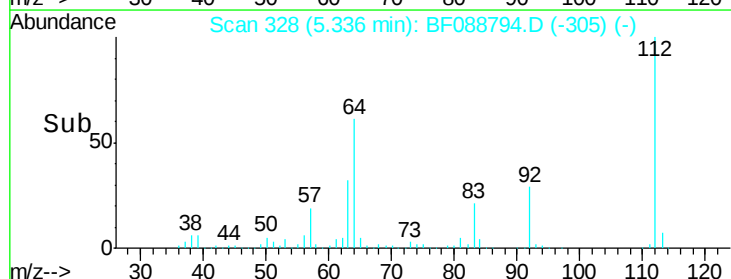
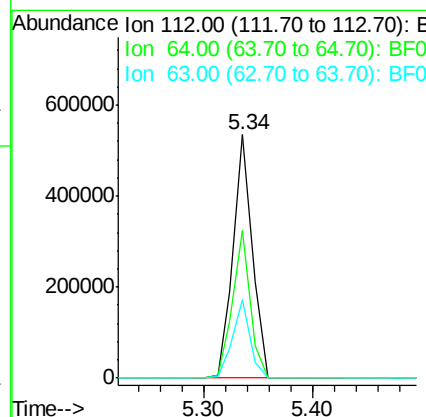
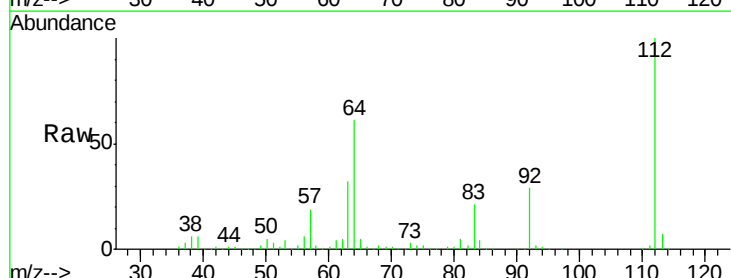
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-018RE

Tgt Ion:152 Resp: 114747
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.8 185.6
 115 65.6 39.6 59.4#



#5
 2-Fluorophenol
 Concen: 84.78 ng
 RT: 5.34 min Scan# 328
 Delta R.T. -0.03 min
 Lab File: BF088794.D
 Acq: 7 Jul 2016 22:37

Tgt Ion:112 Resp: 649138
 Ion Ratio Lower Upper
 112 100
 64 60.7 42.2 63.2
 63 32.2 21.8 32.8





#7

Phenol-d6

Concen: 90.79 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-018RE

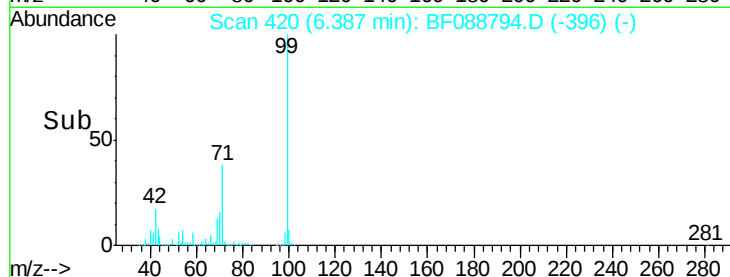
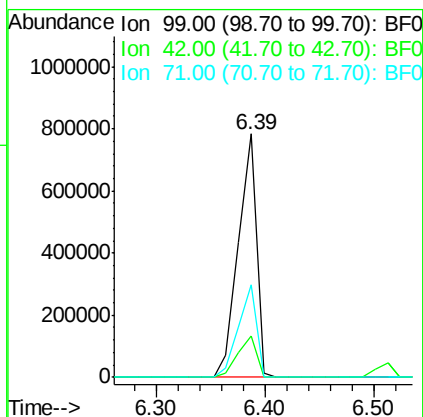
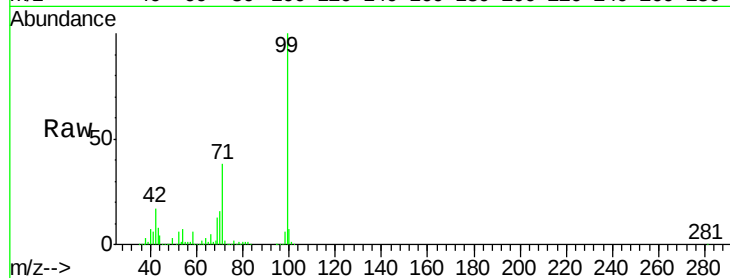
Tgt Ion: 99 Resp: 898229

Ion Ratio Lower Upper

99 100

42 17.1 12.2 18.2

71 37.8 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 13.63 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.11 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

Tgt Ion: 70 Resp: 90593

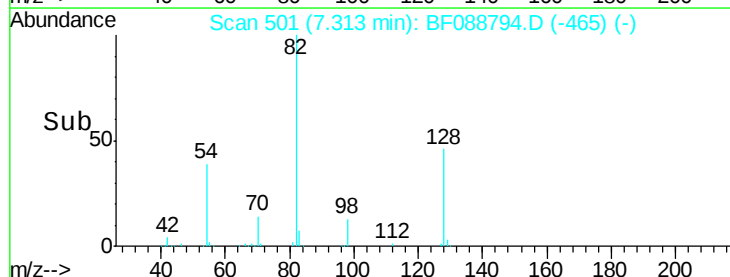
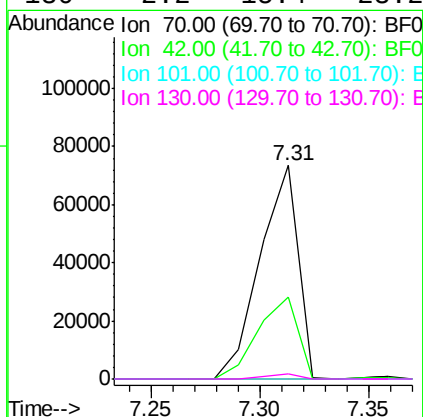
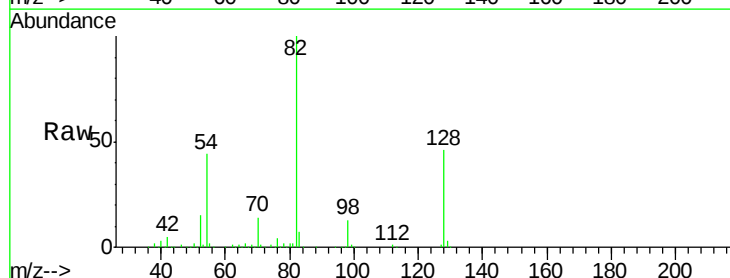
Ion Ratio Lower Upper

70 100

42 38.6 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 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: BF088794.D

Acq: 7 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-018RE

Tgt Ion: 136 Resp: 403243

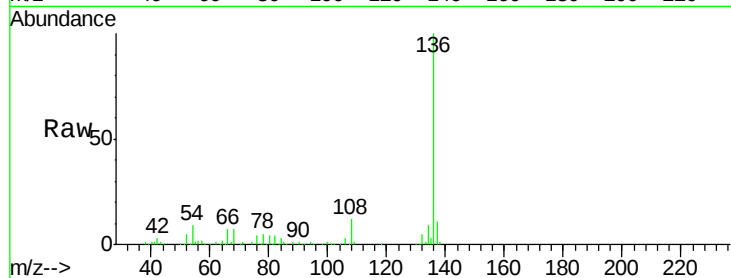
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.3 6.6 10.0

68 7.4 5.1 7.7

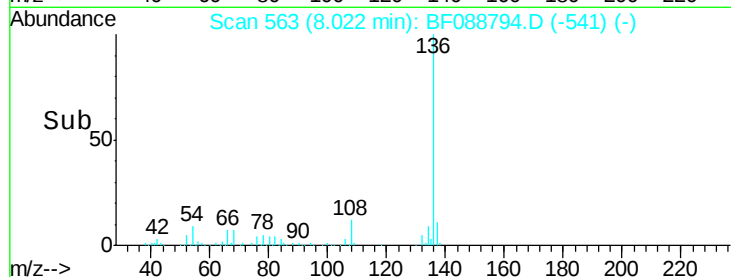


Abundance Ion 136.00 (135.70 to 136.70): E

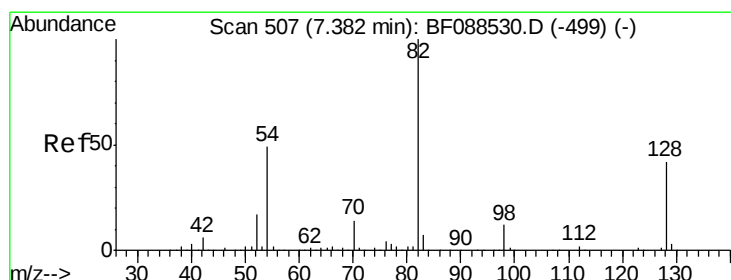
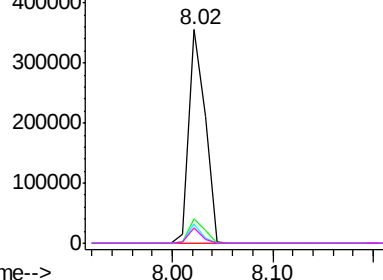
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 84.96 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

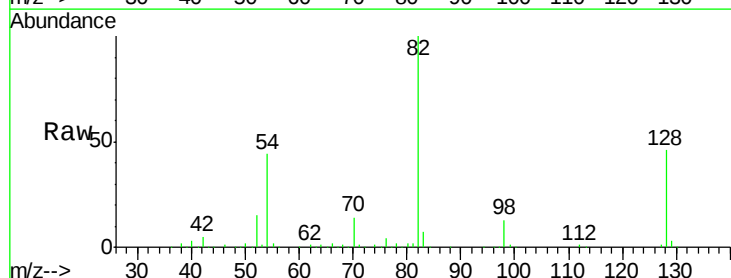
Tgt Ion: 82 Resp: 653774

Ion Ratio Lower Upper

82 100

128 46.2 35.9 53.9

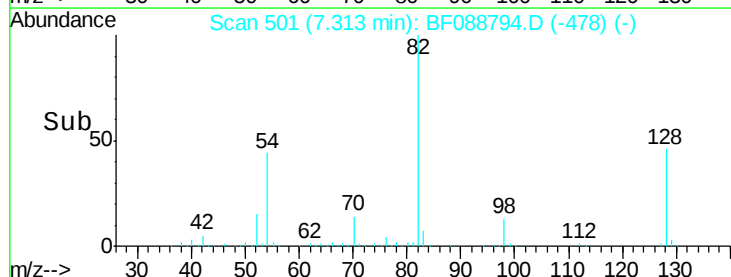
54 43.9 40.9 61.3



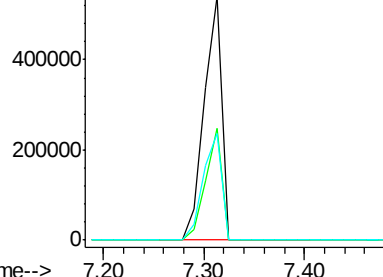
Abundance Ion 82.00 (81.70 to 82.70): BF0

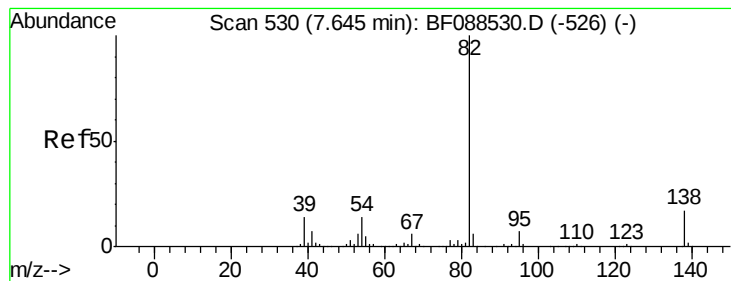
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 42.47 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.30 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-018RE

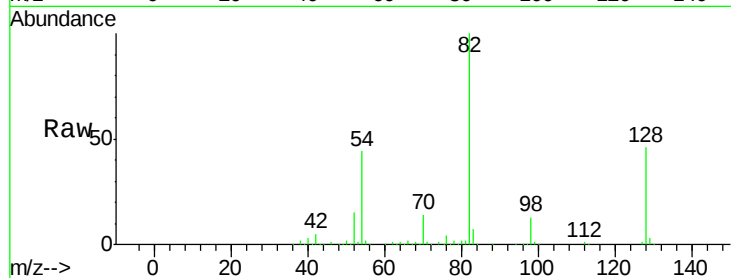
Tgt Ion: 82 Resp: 605377

Ion Ratio Lower Upper

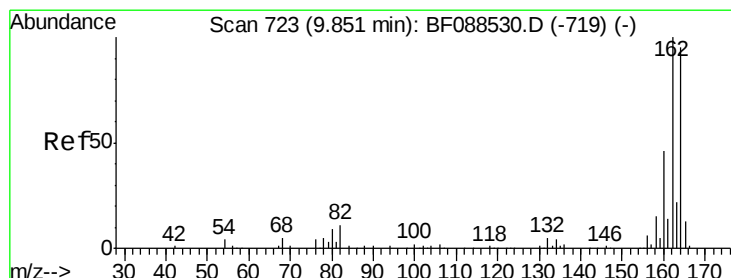
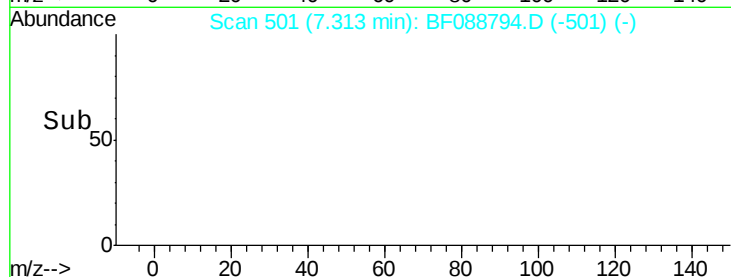
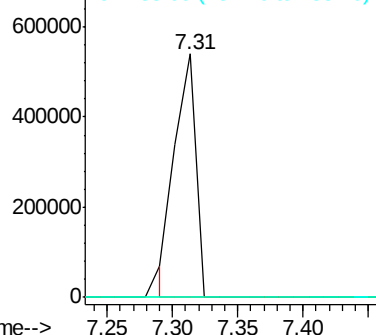
82 100

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: BF088794.D

Acq: 7 Jul 2016 22:37

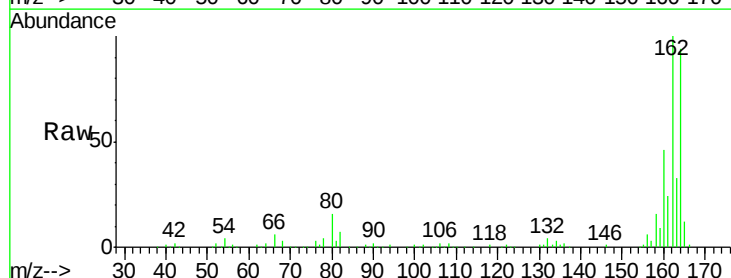
Tgt Ion: 164 Resp: 176789

Ion Ratio Lower Upper

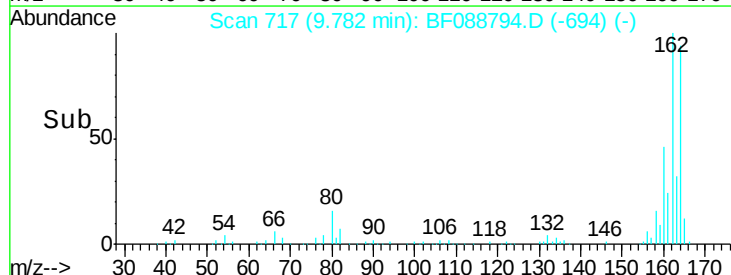
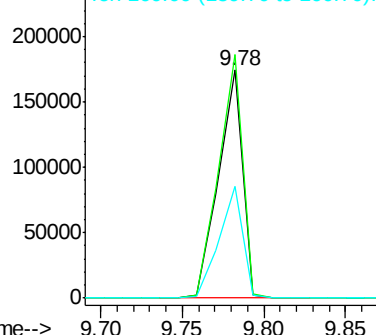
164 100

162 106.8 85.4 128.2

160 49.2 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

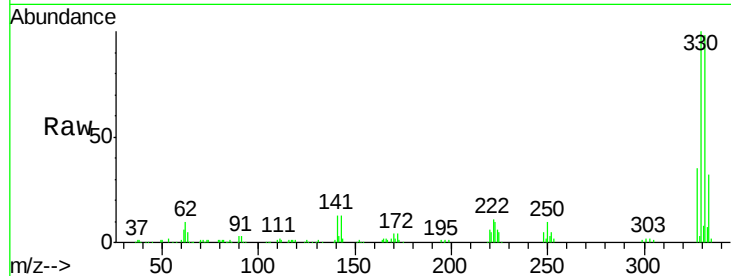




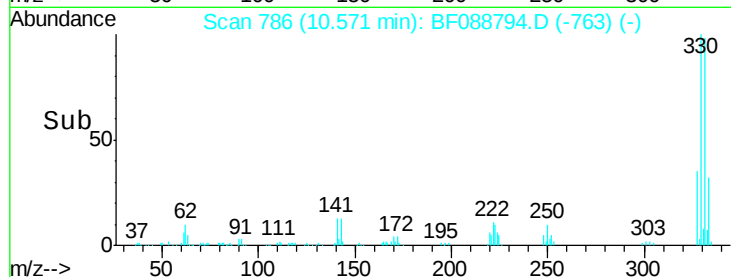
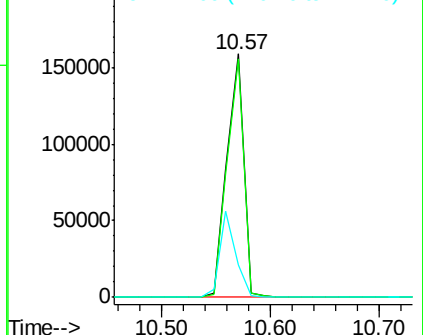
#41
 2,4,6-Tribromophenol
 Concen: 104.99 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088794.D
 Acq: 7 Jul 2016 22:37

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-018RE

Tgt Ion:330 Resp: 172351
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 33.4 0.0 0.0#

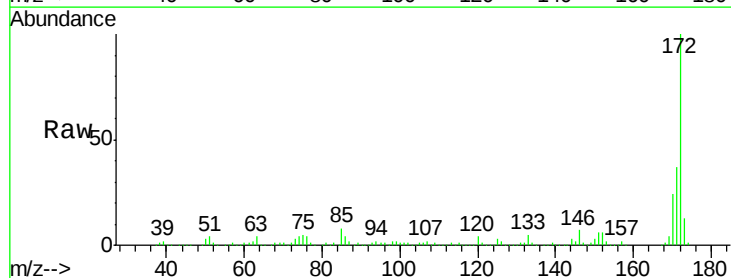


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

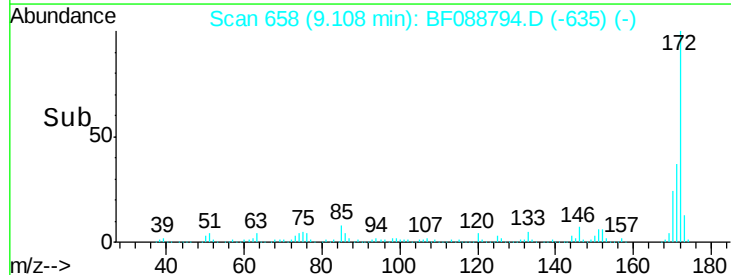
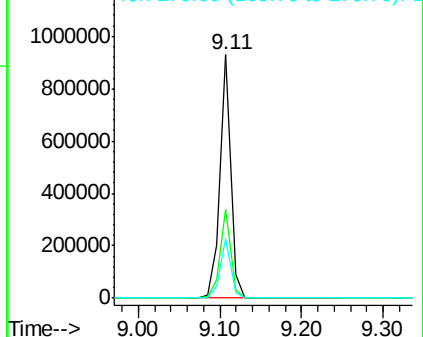


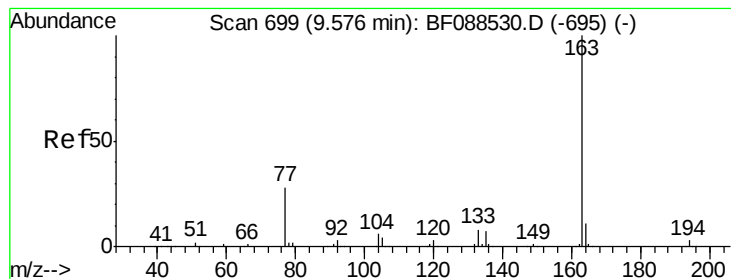
#44
 2-Fluorobiphenyl
 Concen: 76.27 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088794.D
 Acq: 7 Jul 2016 22:37

Tgt Ion:172 Resp: 853606
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.2 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: 5.13 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.05 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-018RE

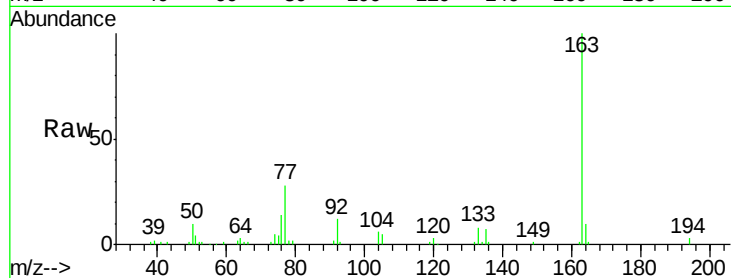
Tgt Ion:163 Resp: 64668

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

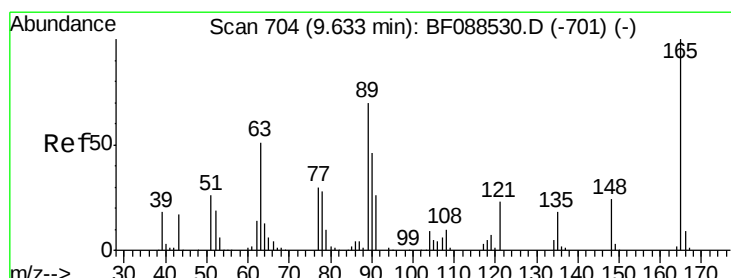
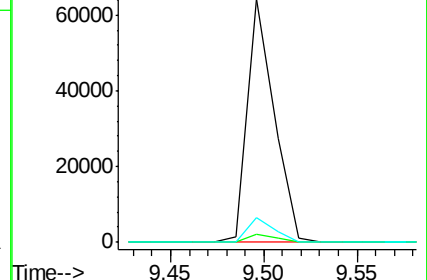
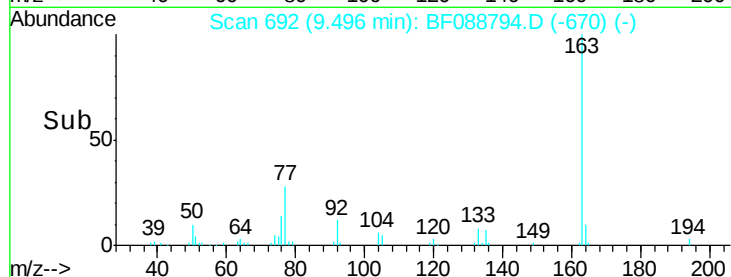
164 10.4 8.3 12.5



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: 7.94 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.18 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

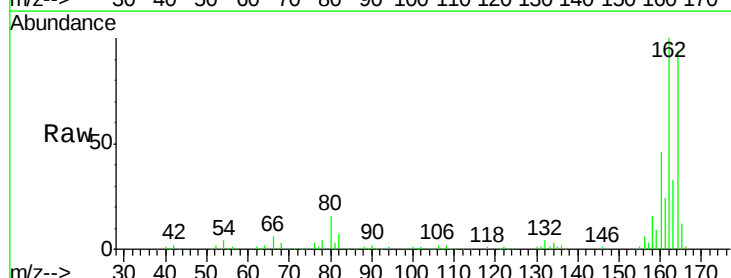
Tgt Ion:165 Resp: 22155

Ion Ratio Lower Upper

165 100

63 1.5 28.1 42.1#

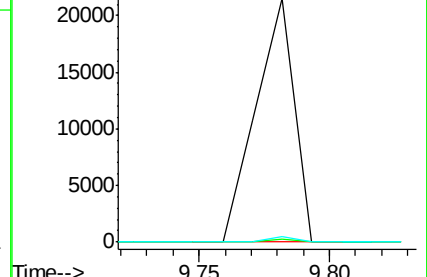
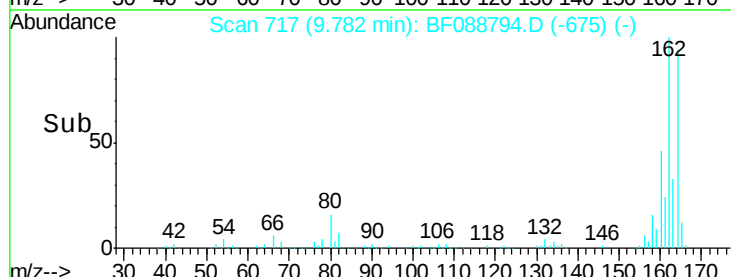
89 2.1 32.2 48.2#

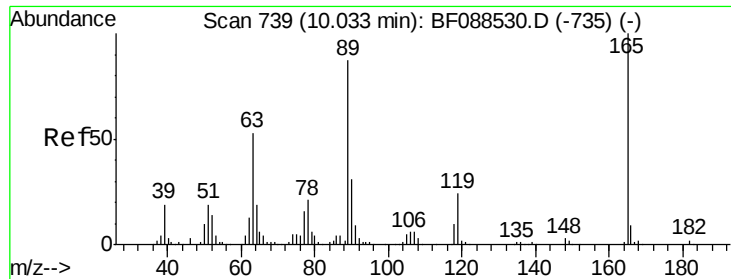


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

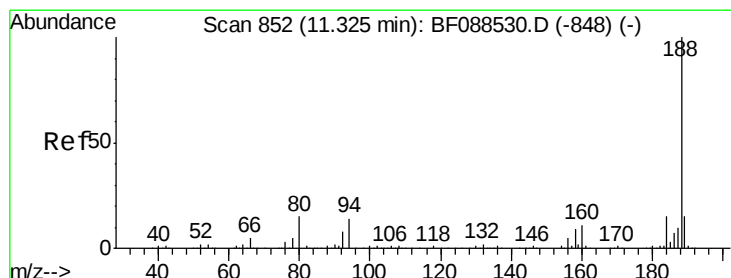
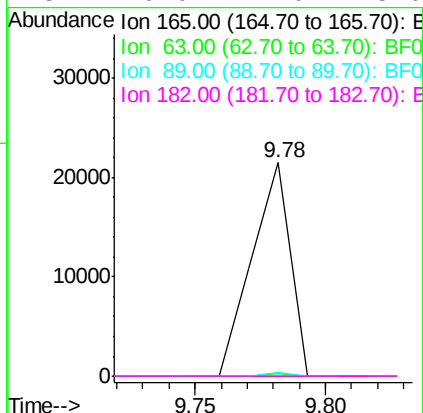
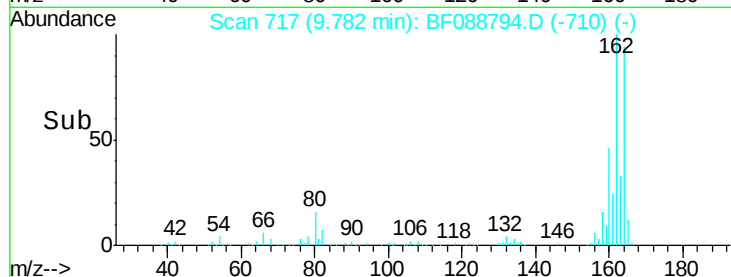
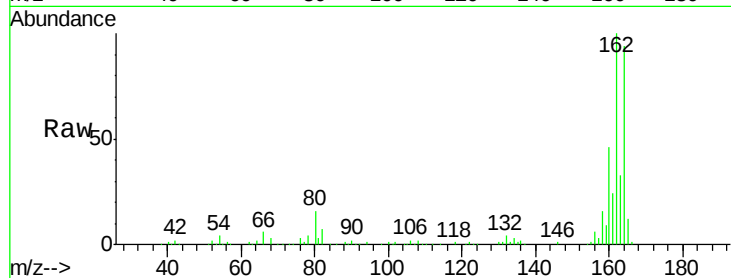




#56
 2,4-Dinitrotoluene
 Concen: 6.07 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.22 min
 Lab File: BF088794.D
 Acq: 7 Jul 2016 22:37

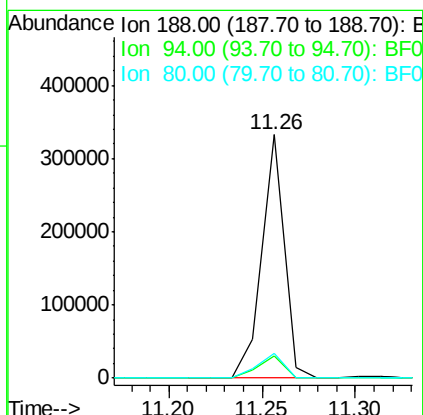
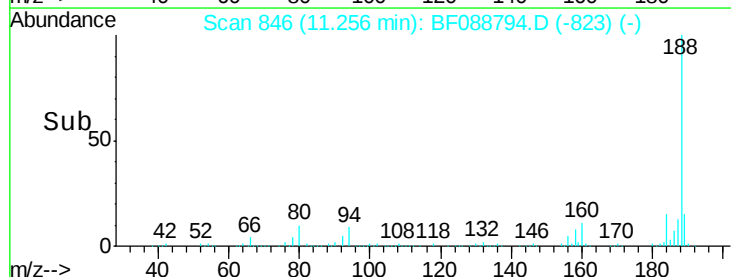
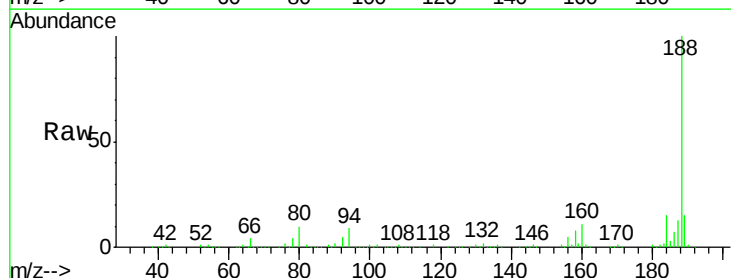
Instrument :
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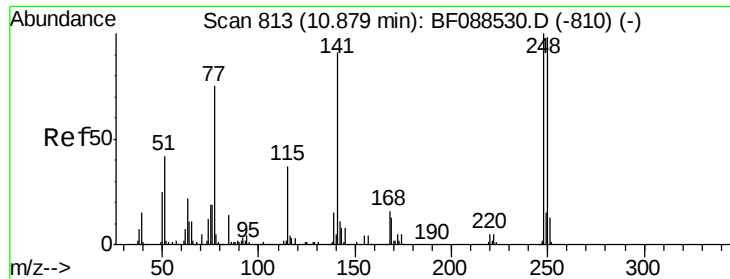
Tgt Ion:	165	Resp:	22155
Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	2.1	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF088794.D
 Acq: 7 Jul 2016 22:37

Tgt Ion:	188	Resp:	276075
Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.6
80	10.1	10.0	15.0

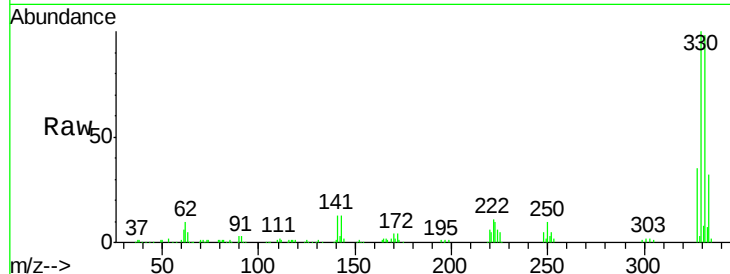




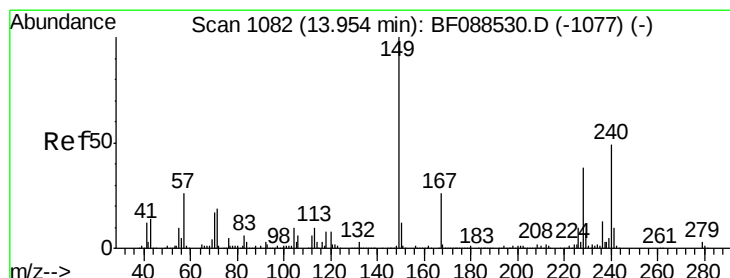
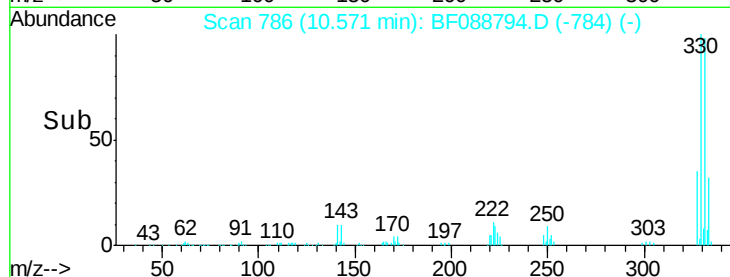
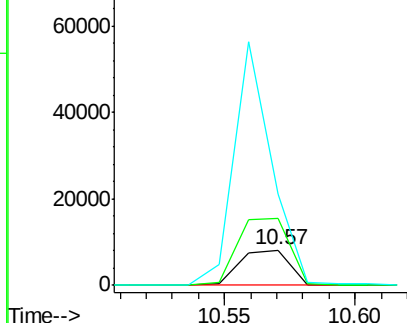
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.27 min
Lab File: BF088794.D
Acq: 7 Jul 2016 22:37

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-018RE

Tgt Ion:248 Resp: 10911
Ion Ratio Lower Upper
248 100
250 189.1 77.1 115.7#
141 259.4 50.6 76.0#

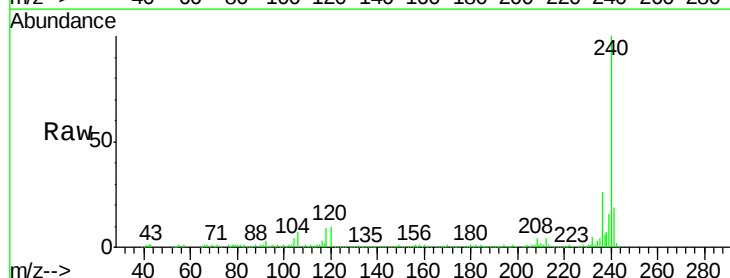


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

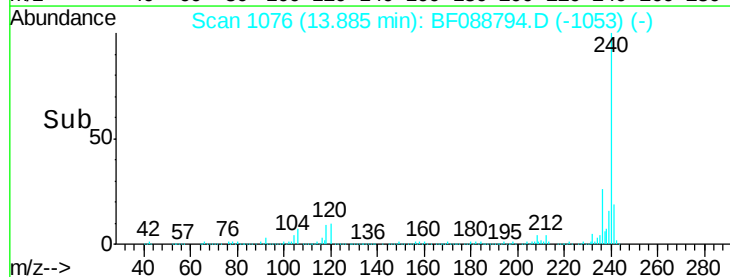
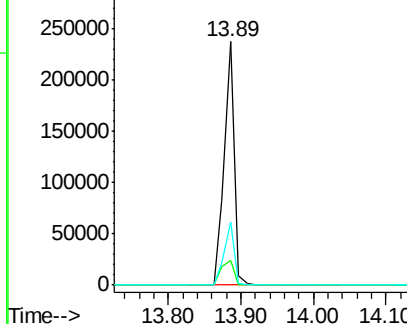


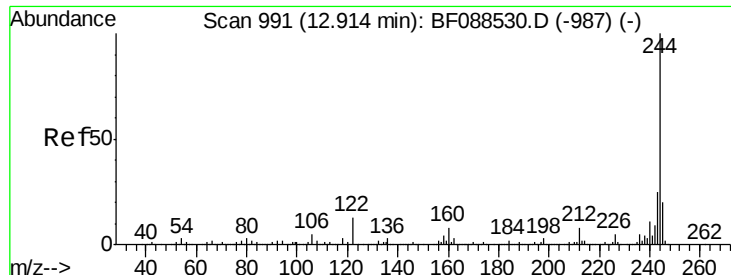
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.03 min
Lab File: BF088794.D
Acq: 7 Jul 2016 22:37

Tgt Ion:240 Resp: 230167
Ion Ratio Lower Upper
240 100
120 9.9 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: 64.61 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-018RE

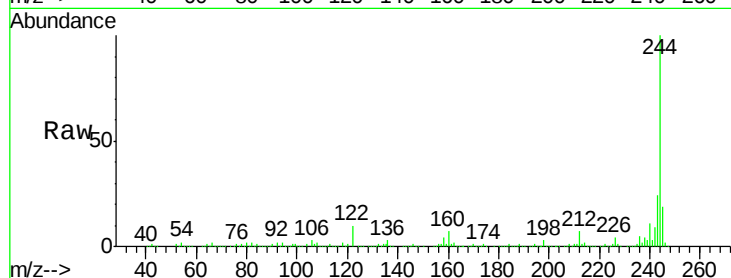
Tgt Ion:244 Resp: 667697

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

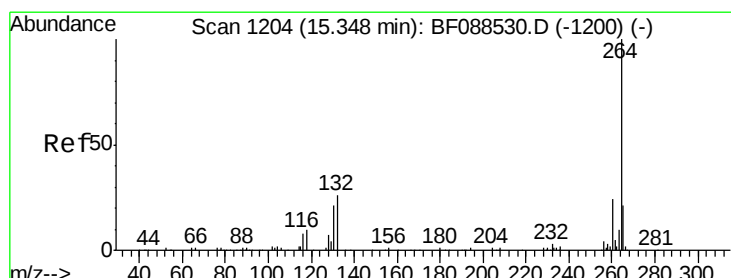
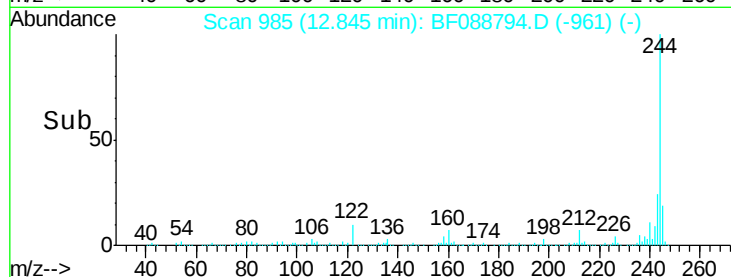
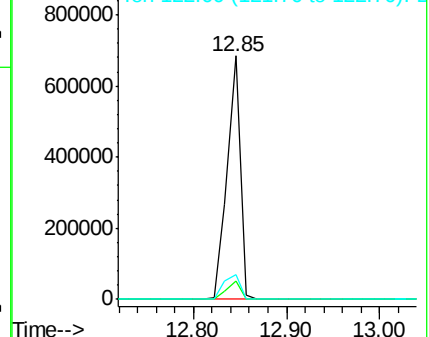
122 10.2 11.2 16.8#



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: BF088794.D

Acq: 7 Jul 2016 22:37

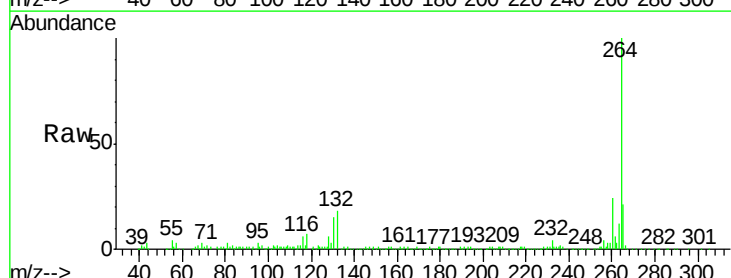
Tgt Ion:264 Resp: 183218

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.0 16.9 25.3



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

