

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088793.D
 Acq On : 7 Jul 2016 22:08
 Operator : UM/SJ
 Sample : H3830-03RE
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-017RE

Quant Time: Jul 08 01:44:10 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

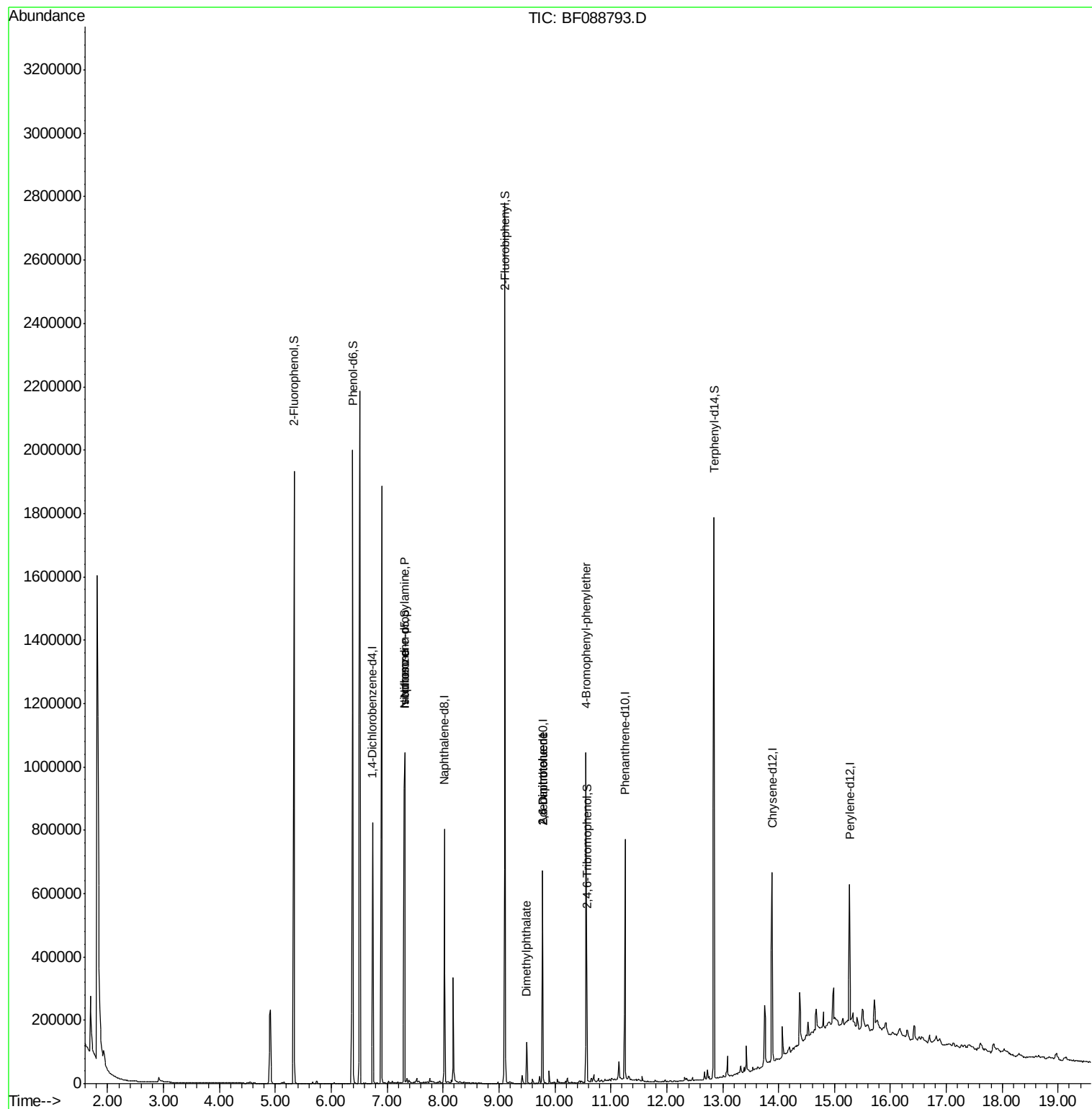
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	109510	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	391583	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	167421	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	264076	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	228558	20.00	ng	-0.03
86) Perylene-d12	15.27	264	181729	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	565338	77.37	ng	-0.03
7) Phenol-d6	6.39	99	849551	89.98	ng	-0.02
23) Nitrobenzene-d5	7.31	82	530506	71.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	135343	87.06	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	797278	75.22	ng	-0.03
78) Terphenyl-d14	12.85	244	594876	57.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	70208	11.07	ng	# 66
25) Isophorone	7.31	82	486367	35.14	ng	# 65
49) Dimethylphthalate	9.50	163	49845	4.18	ng	99
50) 2,6-Dinitrotoluene	9.78	165	21084	7.98	ng	# 39
56) 2,4-Dinitrotoluene	9.78	165	21084	6.10	ng	# 37
66) 4-Bromophenyl-phenylether	10.56	248	8599	3.23	ng	# 1

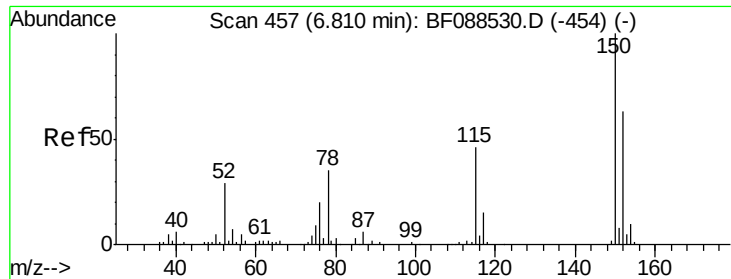
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088793.D
Acq On : 7 Jul 2016 22:08
Operator : UM/SJ
Sample : H3830-03RE
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-017RE

Quant Time: Jul 08 01:44:10 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF088793.D

Acq: 7 Jul 2016 22:08

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-017RE

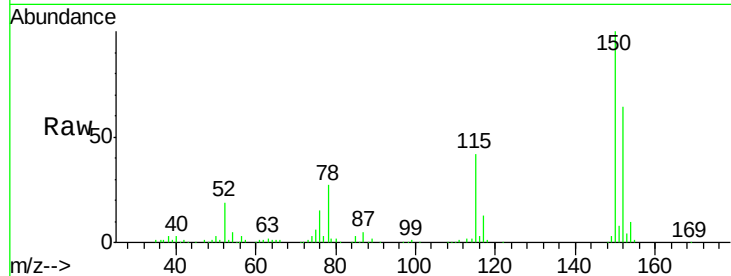
Tgt Ion:152 Resp: 109510

Ion Ratio Lower Upper

152 100

150 156.8 123.8 185.6

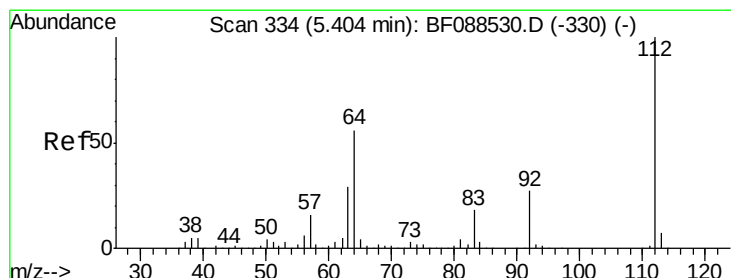
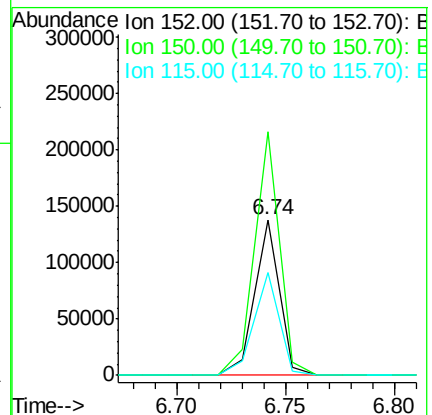
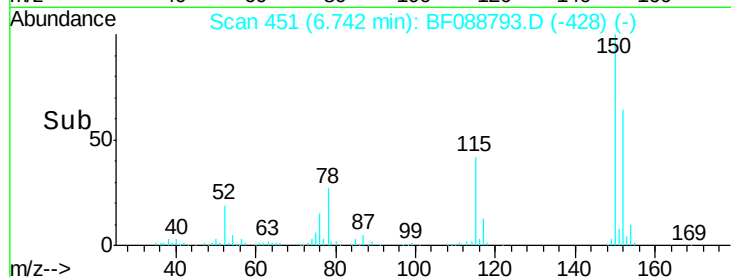
115 66.2 39.6 59.4#



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: 77.37 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088793.D

Acq: 7 Jul 2016 22:08

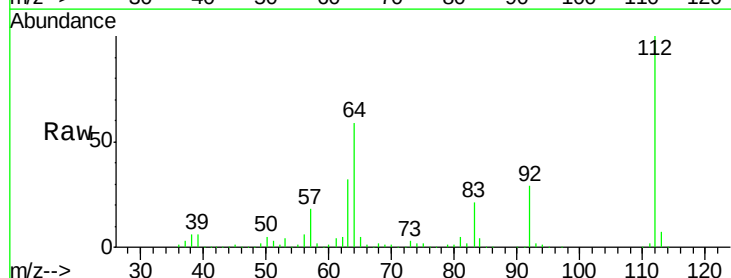
Tgt Ion:112 Resp: 565338

Ion Ratio Lower Upper

112 100

64 59.2 42.2 63.2

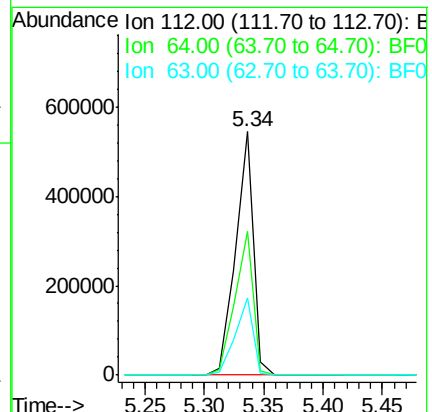
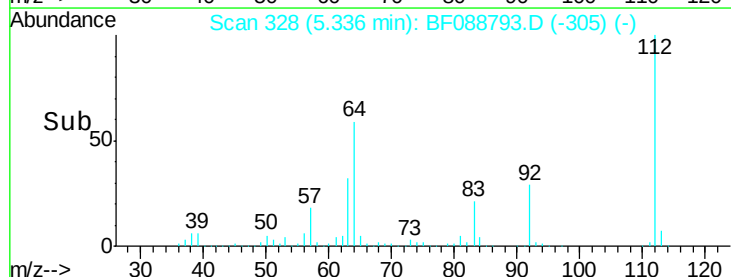
63 31.8 21.8 32.8

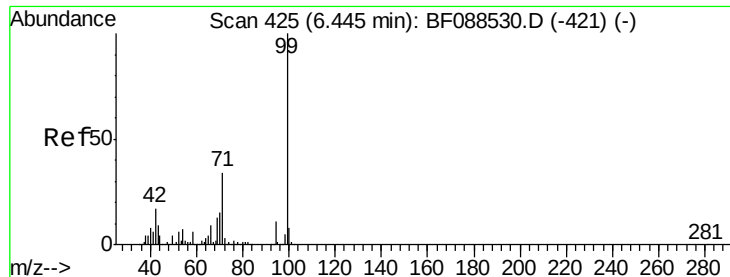


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.98 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088793.D

Acq: 7 Jul 2016 22:08

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-017RE

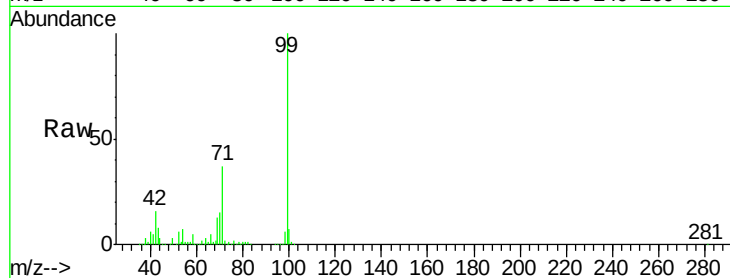
Tgt Ion: 99 Resp: 849551

Ion Ratio Lower Upper

99 100

42 16.2 12.2 18.2

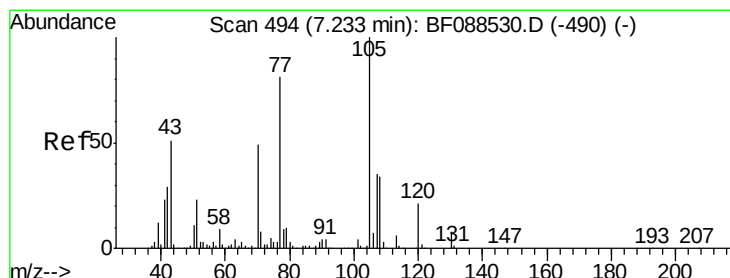
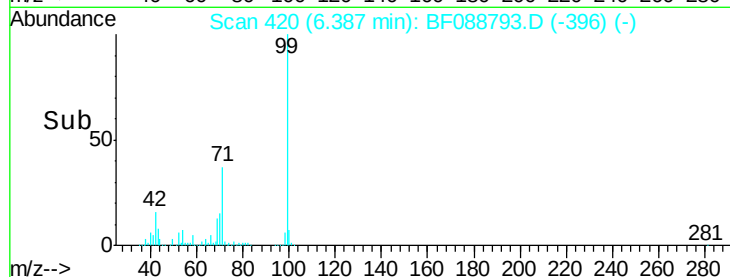
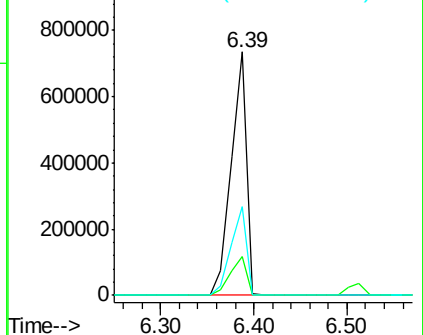
71 36.7 23.4 35.0#



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: 11.07 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.11 min

Lab File: BF088793.D

Acq: 7 Jul 2016 22:08

Tgt Ion: 70 Resp: 70208

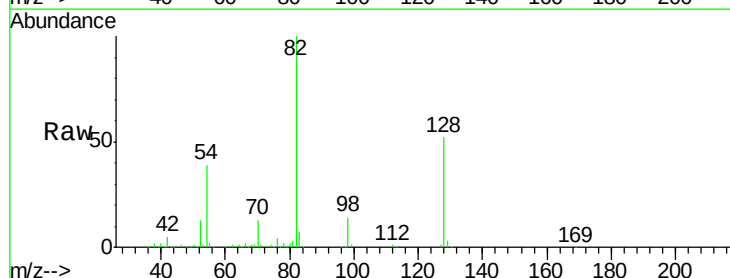
Ion Ratio Lower Upper

70 100

42 35.2 49.6 74.4#

101 0.0 7.1 10.7#

130 2.4 15.4 23.2#

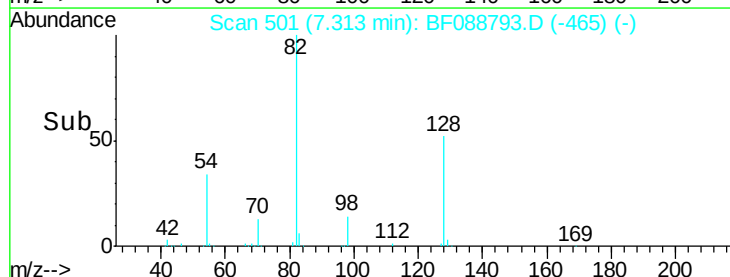
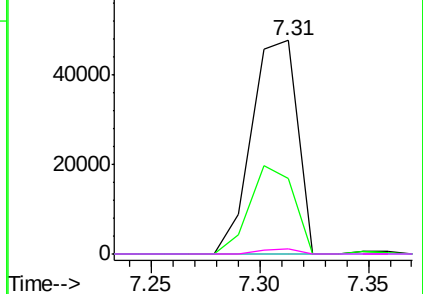


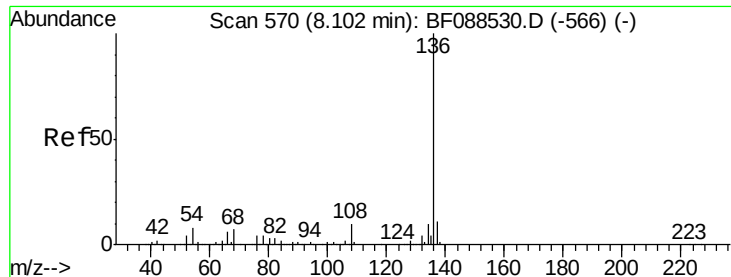
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

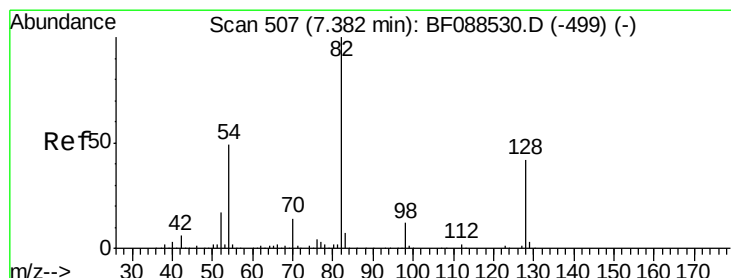
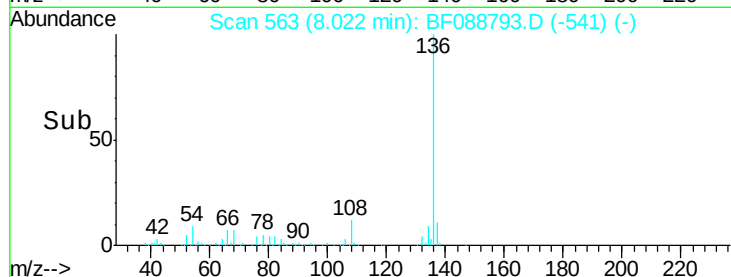
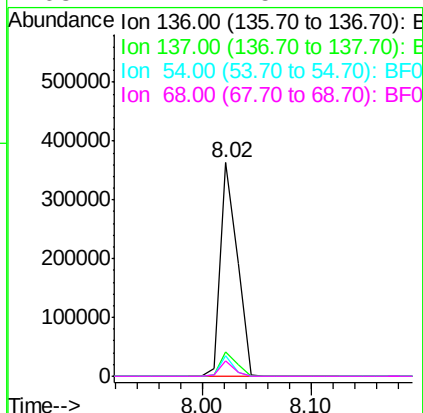
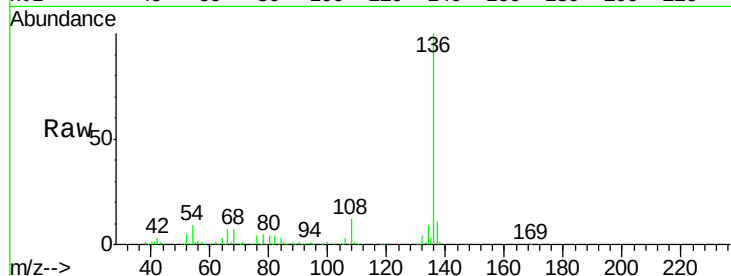




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

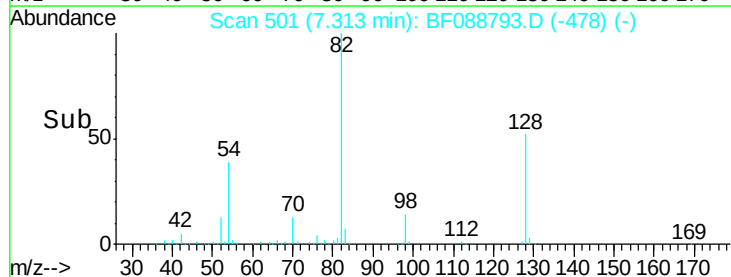
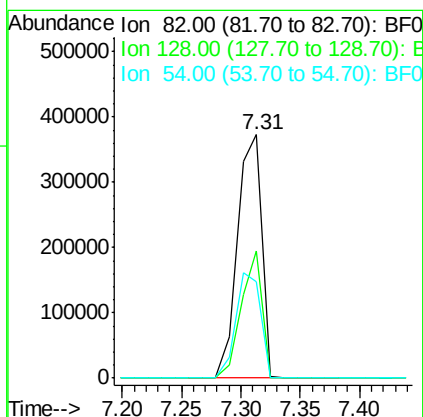
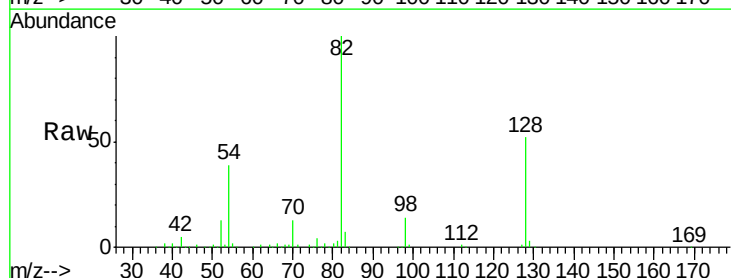
Instrument :
BNA_F
ClientSampleId :
TILCON-GF-017RE

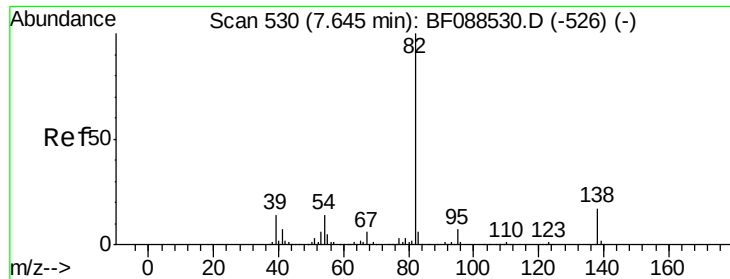
Tgt Ion:	136	Resp:	391583
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.3	6.6	10.0
68	7.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 71.00 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Tgt Ion:	82	Resp:	530506
Ion	Ratio	Lower	Upper
82	100		
128	52.0	35.9	53.9
54	39.5	40.9	61.3#





#25

Isophorone

Concen: 35.14 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.30 min

Lab File: BF088793.D

Acq: 7 Jul 2016 22:08

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-017RE

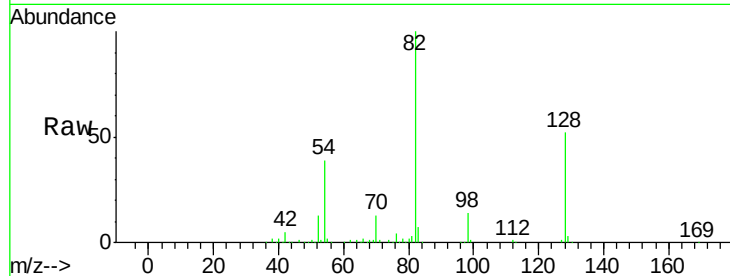
Tgt Ion: 82 Resp: 486367

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

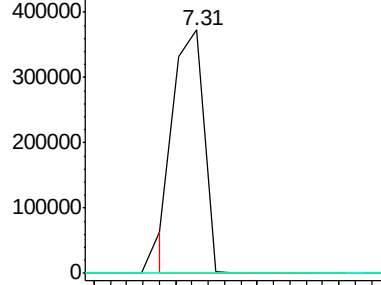
138 0.0 14.6 21.8#



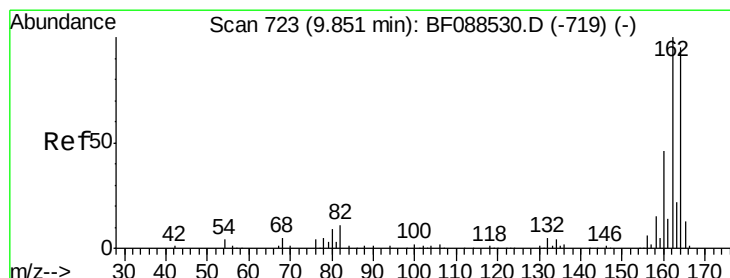
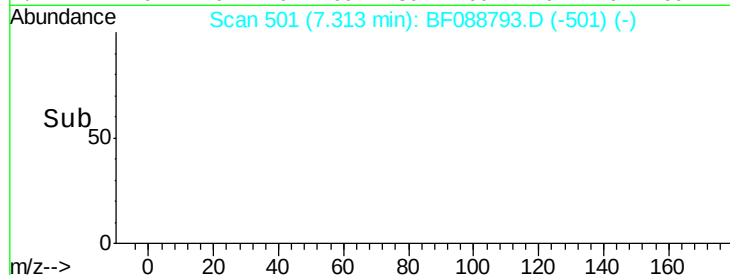
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



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: BF088793.D

Acq: 7 Jul 2016 22:08

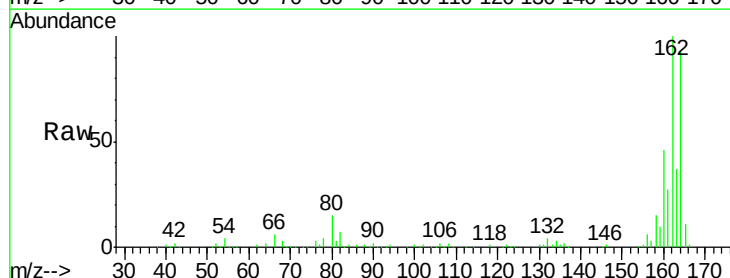
Tgt Ion: 164 Resp: 167421

Ion Ratio Lower Upper

164 100

162 107.8 85.4 128.2

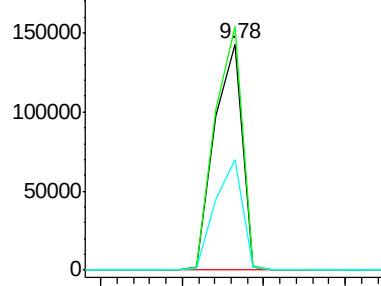
160 49.2 39.5 59.3



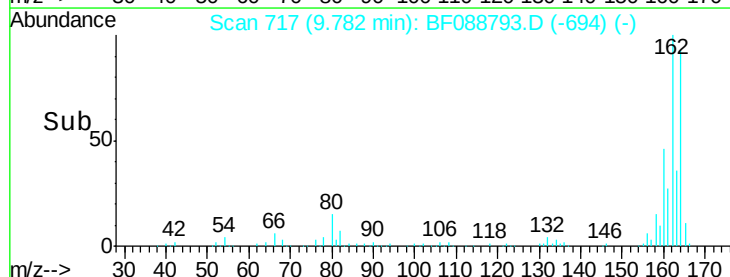
Abundance Ion 164.00 (163.70 to 164.70): E

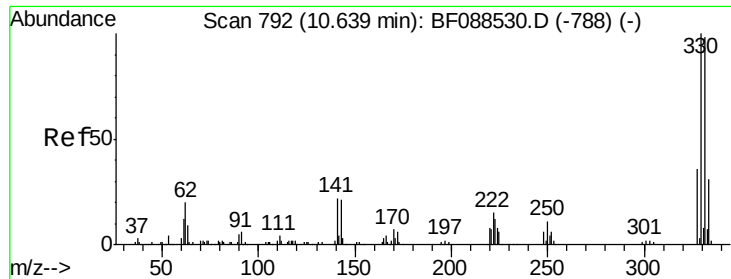
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 9.70 9.75 9.80 9.85

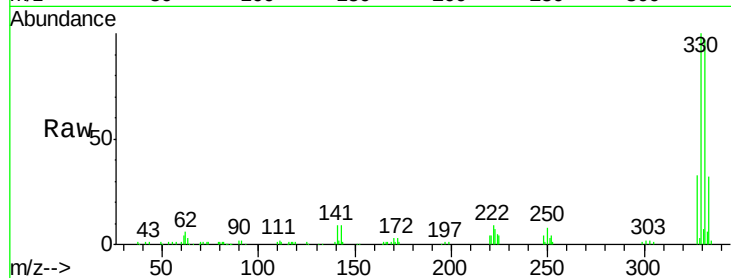




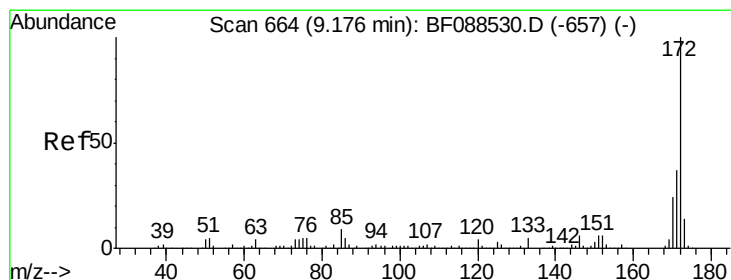
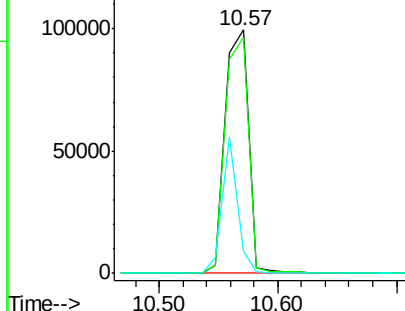
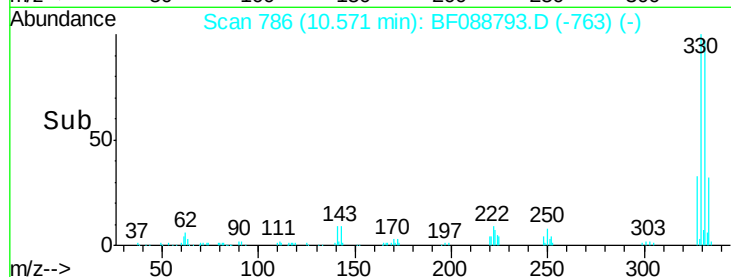
#41
 2,4,6-Tribromophenol
 Concen: 87.06 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088793.D
 Acq: 7 Jul 2016 22:08

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-017RE

Tgt Ion:330 Resp: 135343
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 36.5 0.0 0.0#

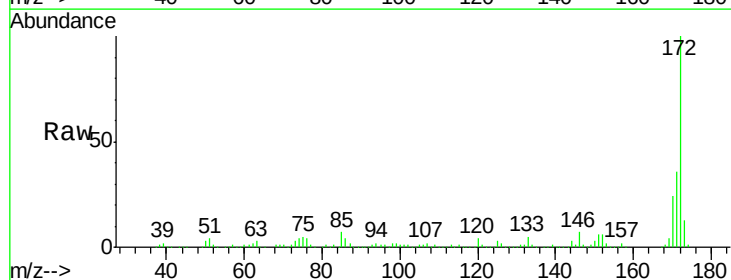


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

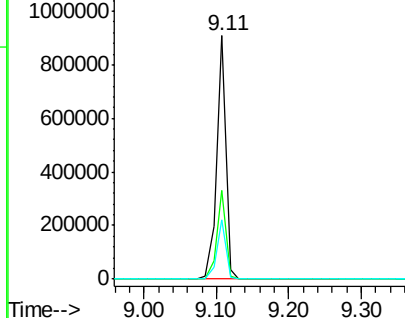
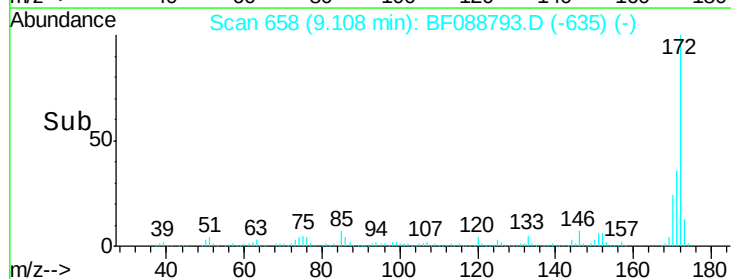


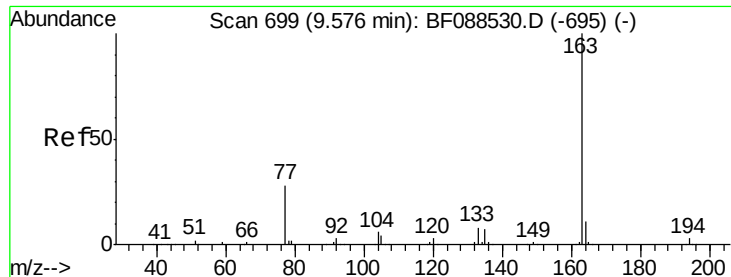
#44
 2-Fluorobiphenyl
 Concen: 75.22 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088793.D
 Acq: 7 Jul 2016 22:08

Tgt Ion:172 Resp: 797278
 Ion Ratio Lower Upper
 172 100
 171 36.3 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: 4.18 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.05 min

Lab File: BF088793.D

Acq: 7 Jul 2016 22:08

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-017RE

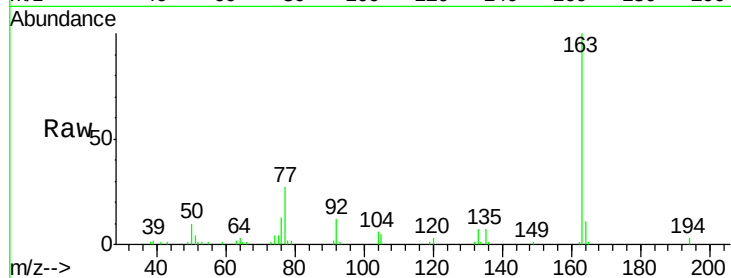
Tgt Ion:163 Resp: 49845

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

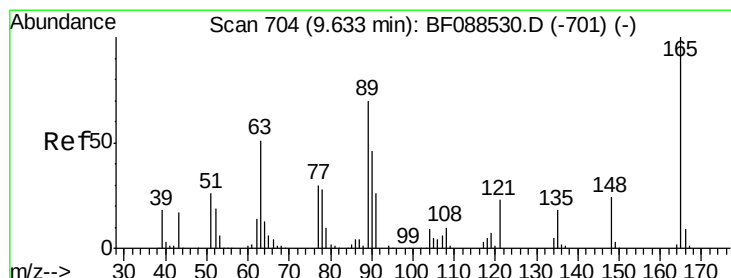
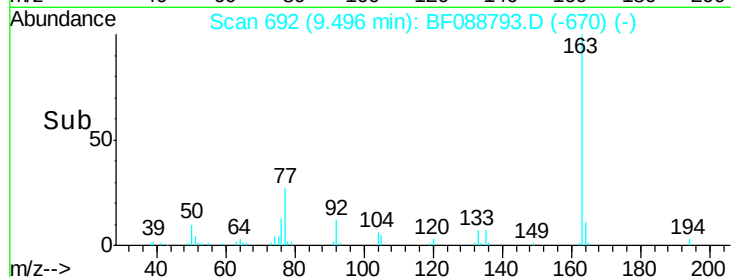
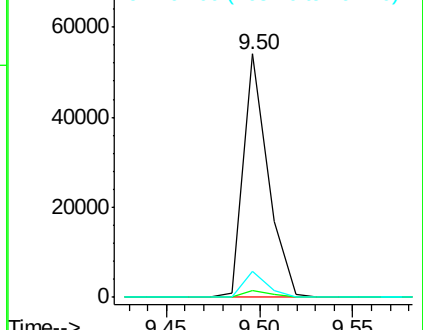
164 10.6 8.3 12.5



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: 7.98 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.18 min

Lab File: BF088793.D

Acq: 7 Jul 2016 22:08

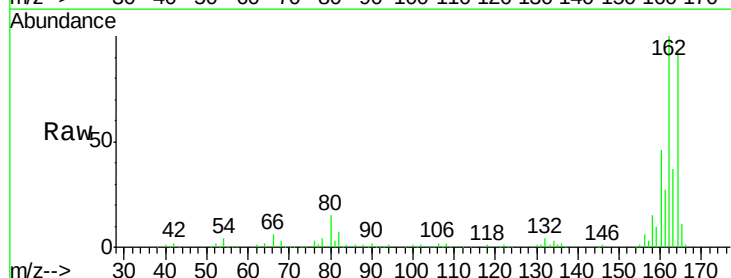
Tgt Ion:165 Resp: 21084

Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

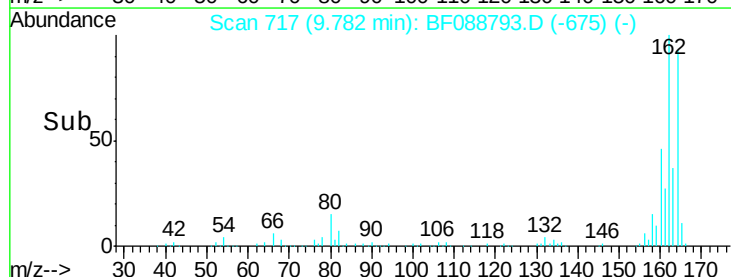
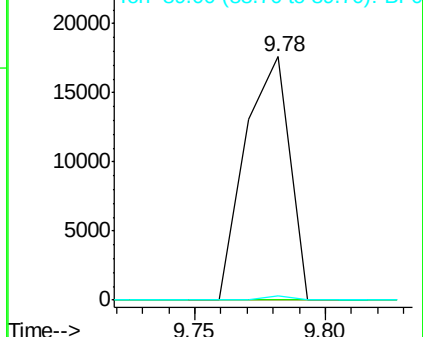
89 1.9 32.2 48.2#

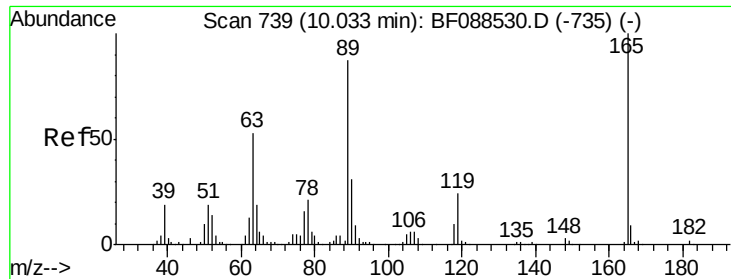


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

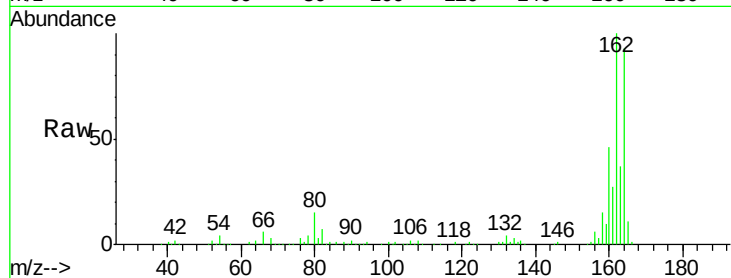




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.22 min
 Lab File: BF088793.D
 Acq: 7 Jul 2016 22:08

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-017RE

Tgt Ion:	165	Resp:	21084
Ion Ratio	Lower	Upper	
165	100		
63	0.0	22.0	33.0#
89	1.9	41.1	61.7#
182	0.0	2.0	3.0#

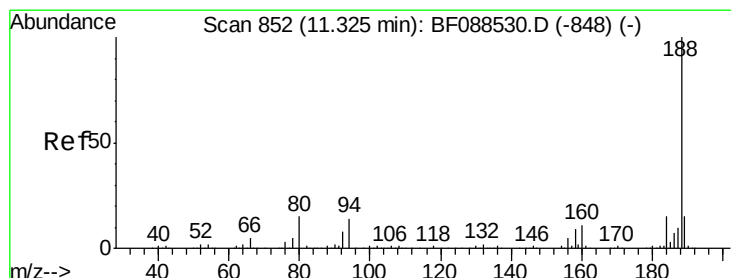
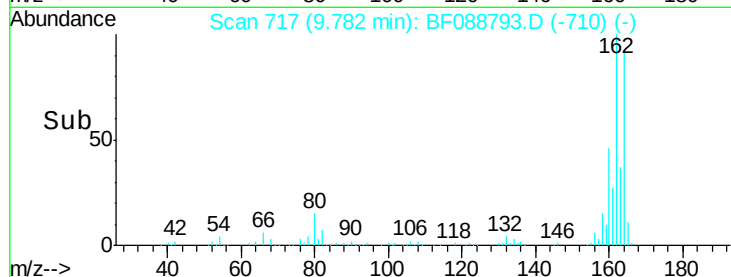
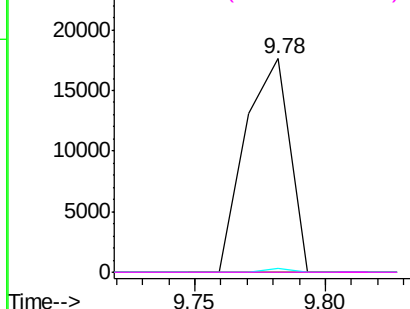


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

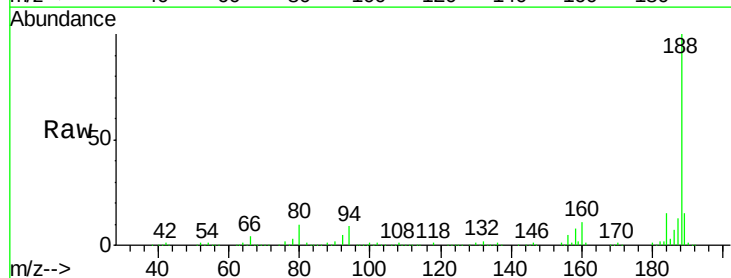
Ion 89.00 (88.70 to 89.70): BF0

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: BF088793.D
 Acq: 7 Jul 2016 22:08

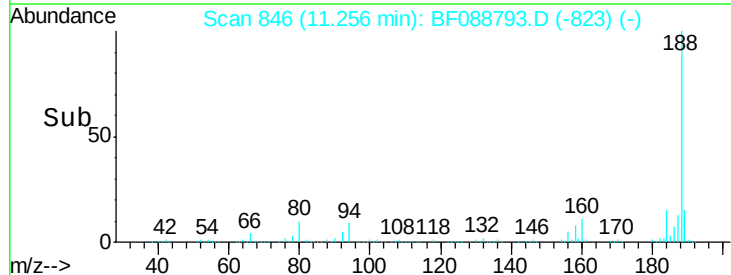
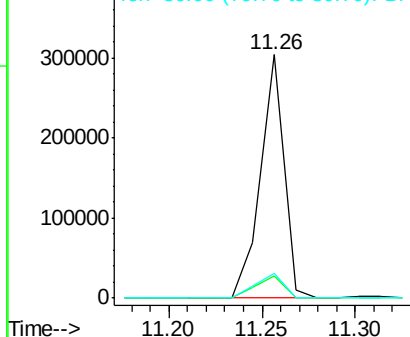
Tgt Ion:	188	Resp:	264076
Ion Ratio	Lower	Upper	
188	100		
94	9.1	9.0	13.6
80	10.3	10.0	15.0

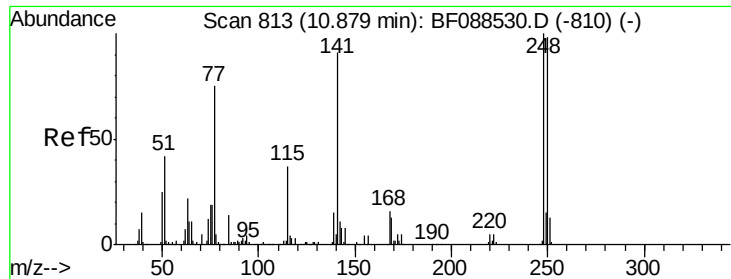


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

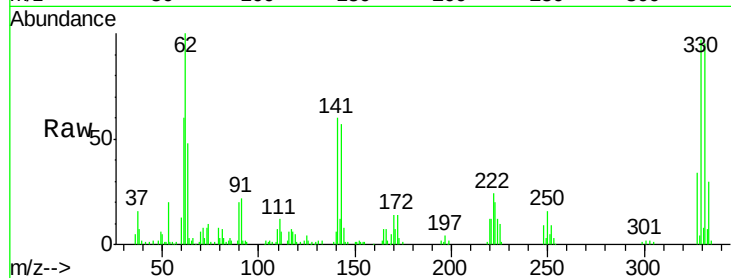




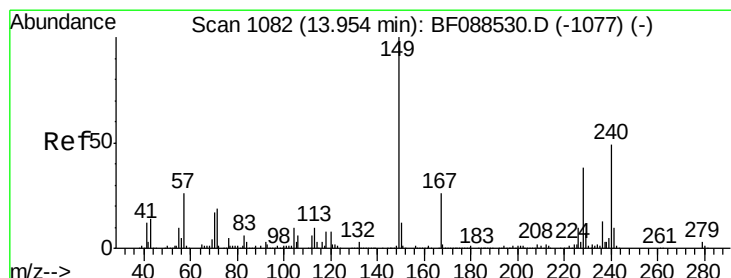
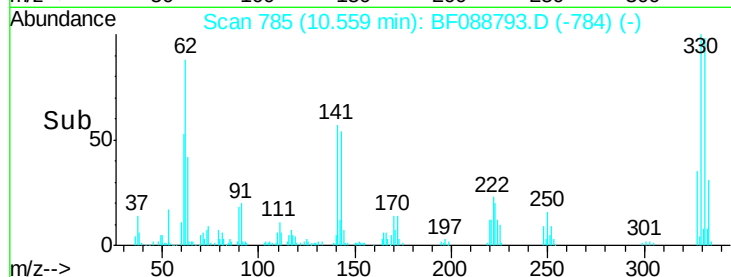
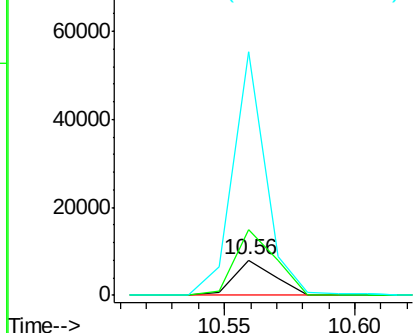
#66
4-Bromophenyl-phenylether
Concen: 3.23 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.29 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-017RE

Tgt Ion:248 Resp: 8599
Ion Ratio Lower Upper
248 100
250 187.7 77.1 115.7#
141 692.3 50.6 76.0#

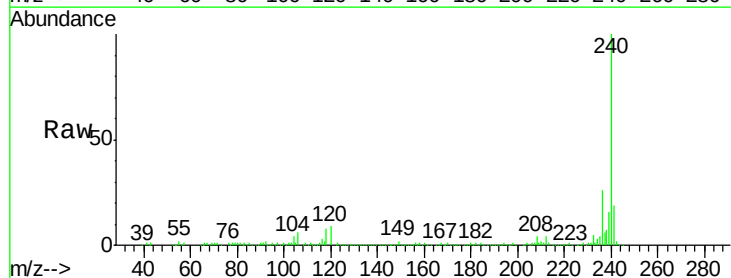


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

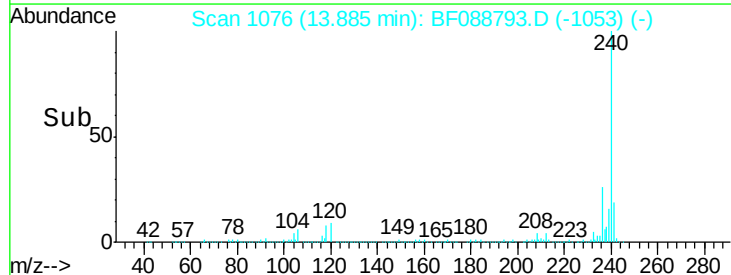
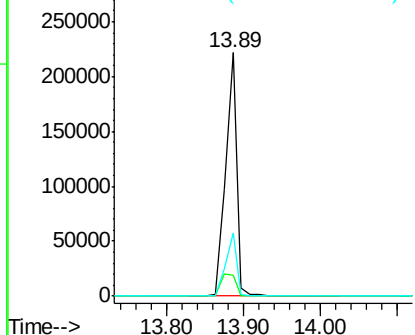


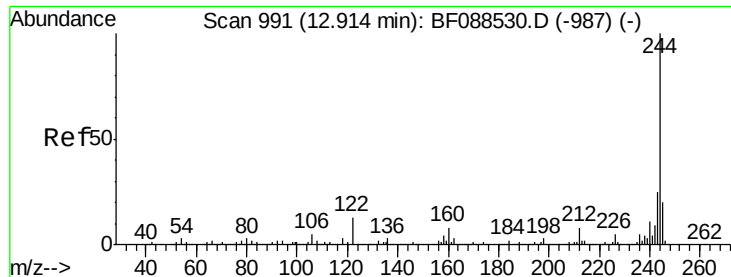
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.03 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Tgt Ion:240 Resp: 228558
Ion Ratio Lower Upper
240 100
120 8.8 6.8 10.2
236 26.2 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

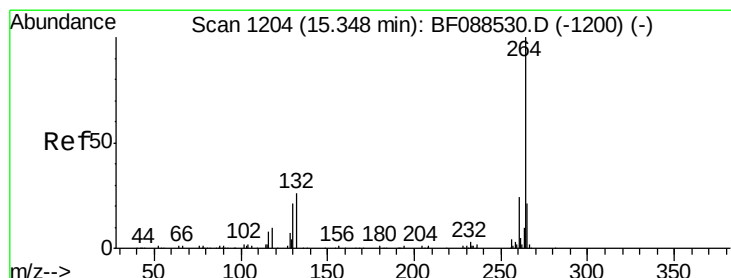
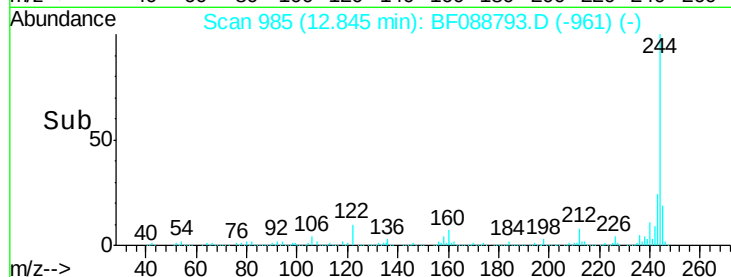
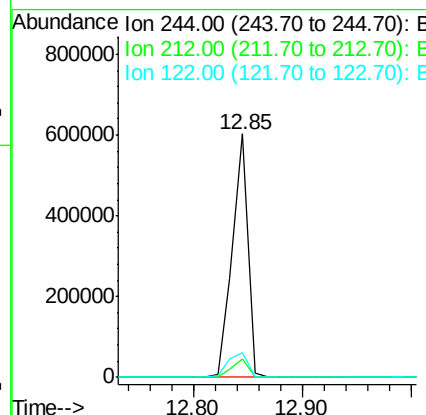
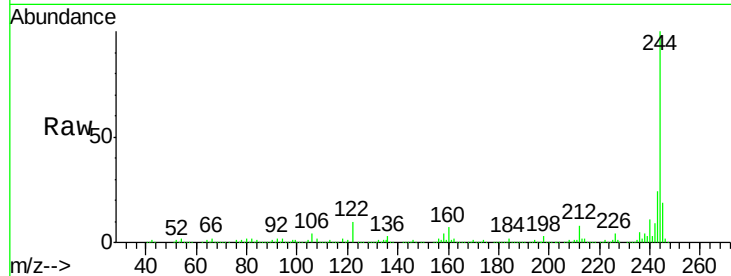




#78
 Terphenyl-d14
 Concen: 57.97 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088793.D
 Acq: 7 Jul 2016 22:08

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-017RE

Tgt Ion:244 Resp: 594876
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 10.0 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: BF088793.D
 Acq: 7 Jul 2016 22:08

Tgt Ion:264 Resp: 181729
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.2 16.9 25.3

