

Data File : BF092998.D
Acq On : 16 Feb 2017 23:10
Operator : SJ/MA
Sample : I1865-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-SCREENINGS

Quant Time: Feb 16 23:55:56 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	130108	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	572571	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	315943	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	510714	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	390668	20.00	ng	-0.05
86) Perylene-d12	15.44	264	293254	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	993789	131.04	ng	-0.02
7) Phenol-d6	6.50	99	1290561	132.26	ng	-0.03
23) Nitrobenzene-d5	7.42	82	785418	76.39	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	233068	101.99	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	1304790	74.82	ng	-0.02
78) Terphenyl-d14	12.96	244	1108954	66.70	ng	-0.03
Target Compounds						
10) Phenol	6.51	94	25468	2.23	ng	# 66
19) n-Nitroso-di-n-propylamine	7.42	70	104021	16.75	ng	# 82
25) Isophorone	7.42	82	579333	30.24	ng	# 65
49) Dimethylphthalate	9.61	163	248040	11.66	ng	99
56) 2,4-Dinitrotoluene	9.89	165	40234	6.58	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.68	198	380	2.78	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	17703	3.32	ng	# 1

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

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TILCON-SCREENINGS

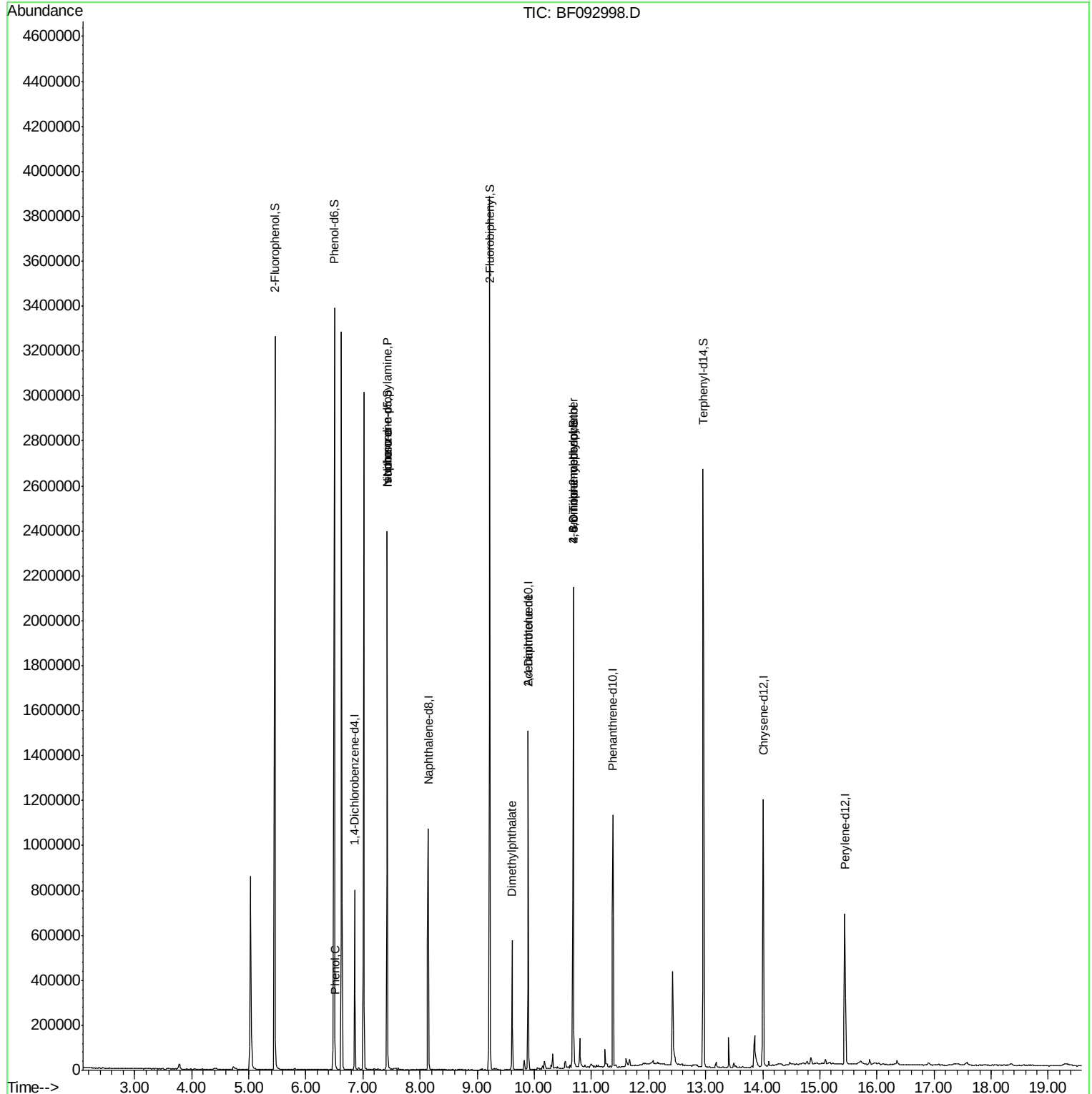
Quant Time: Feb 16 23:55:56 2017

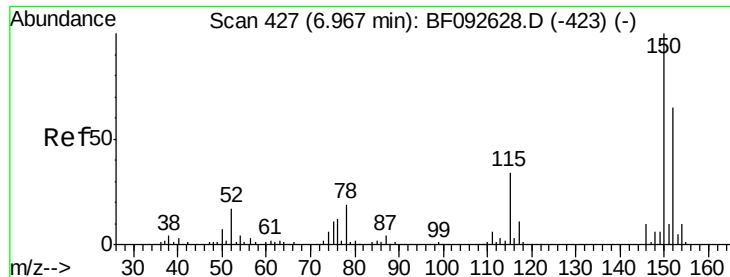
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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QLast Update : Mon Feb 13 18:04:38 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.03 min

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BNA_F

ClientSampleId :

TILCON-SCREENINGS

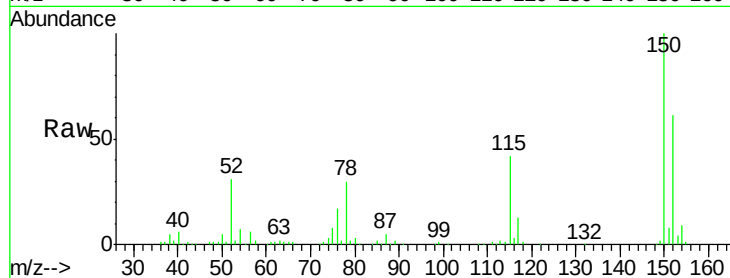
Tgt Ion:152 Resp: 130108

Ion Ratio Lower Upper

152 100

150 163.6 124.9 187.3

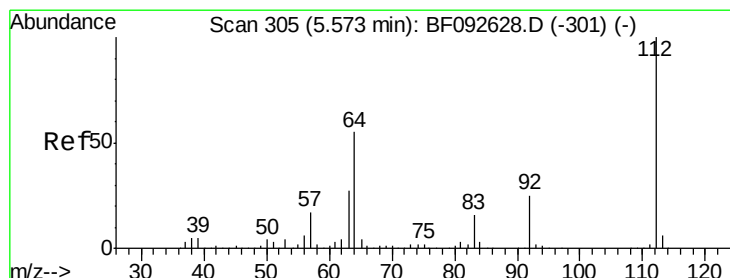
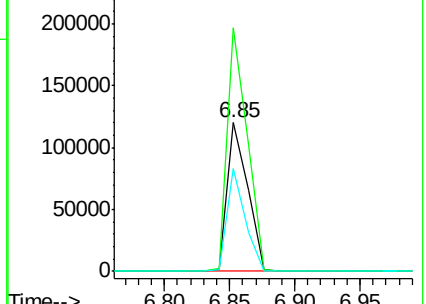
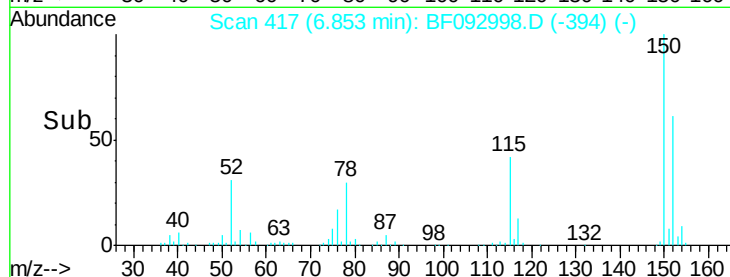
115 69.0 46.0 69.0



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: 131.04 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.02 min

Lab File: BF092998.D

Acq: 16 Feb 2017 23:10

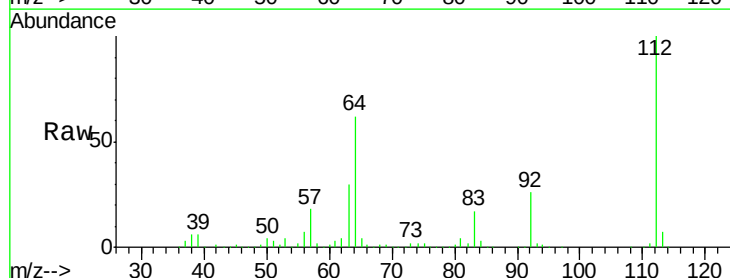
Tgt Ion:112 Resp: 993789

Ion Ratio Lower Upper

112 100

64 61.6 46.1 69.1

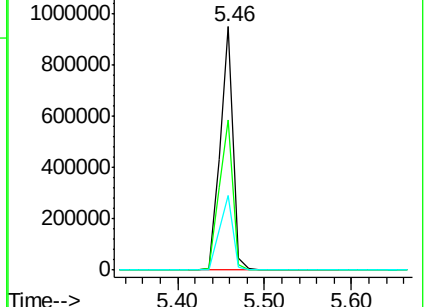
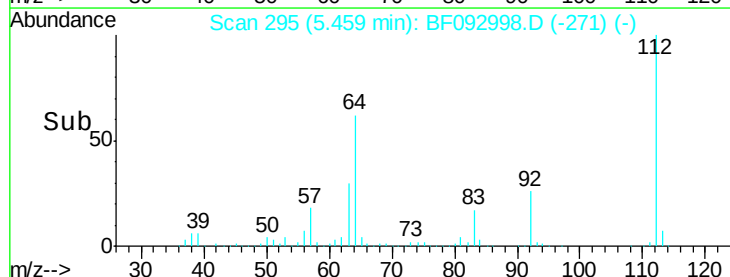
63 30.4 23.8 35.6

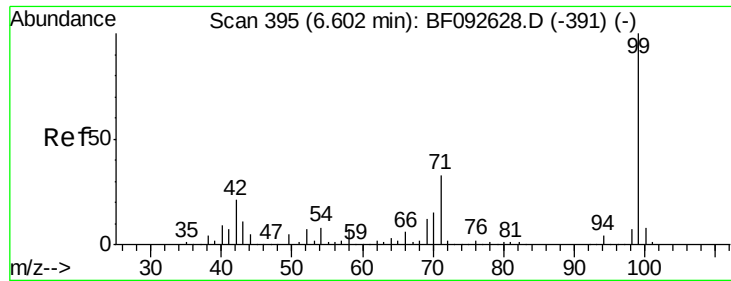


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.26 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF092998.D

Acq: 16 Feb 2017 23:10

Instrument :

BNA_F

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TILCON-SCREENINGS

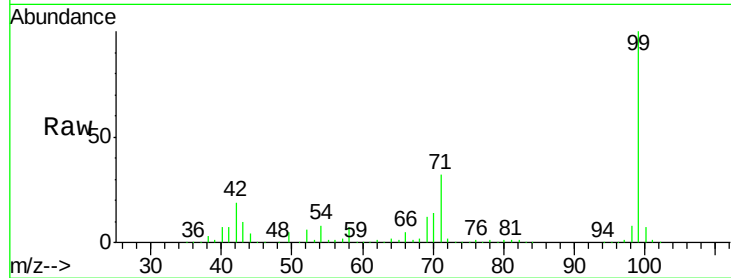
Tgt Ion: 99 Resp: 1290561

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

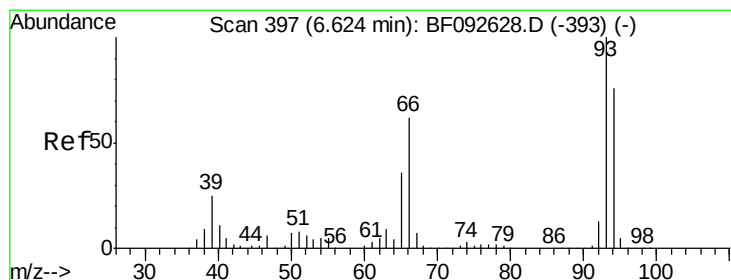
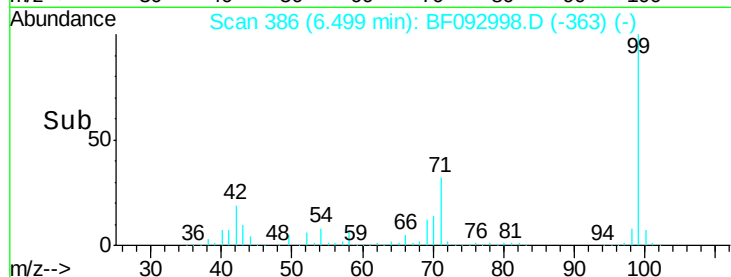
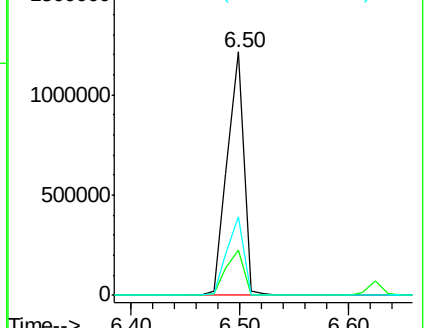
71 32.1 27.5 41.3



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



#10

Phenol

Concen: 2.23 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.03 min

Lab File: BF092998.D

Acq: 16 Feb 2017 23:10

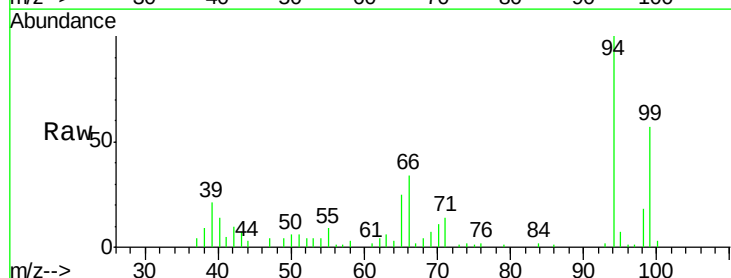
Tgt Ion: 94 Resp: 25468

Ion Ratio Lower Upper

94 100

65 24.6 21.4 61.4

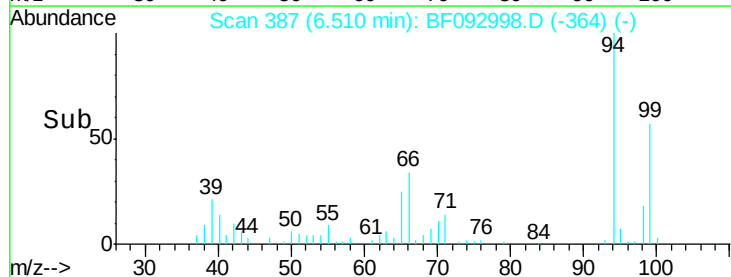
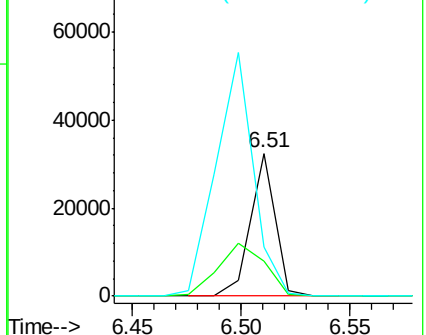
66 34.1 44.0 84.0#

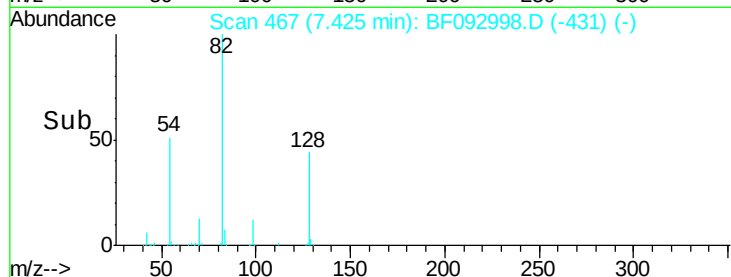
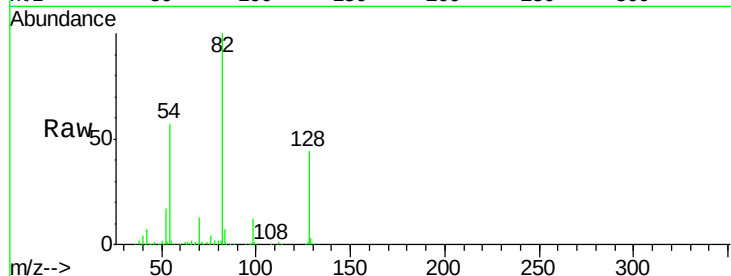
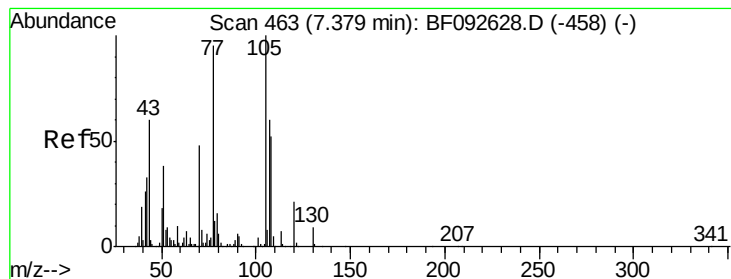


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.75 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.11 min

Lab File: BF092998.D

Acq: 16 Feb 2017 23:10

Instrument :

BNA_F

ClientSampleId :

TILCON-SCREENINGS

Tgt Ion: 70 Resp: 104021

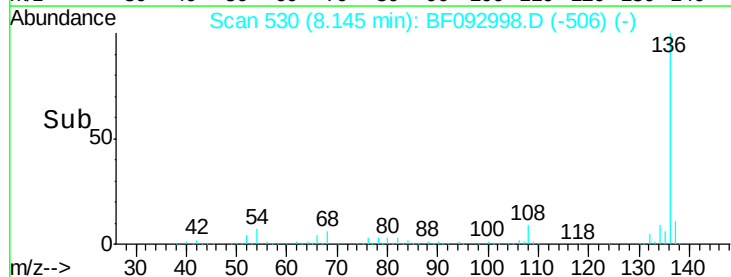
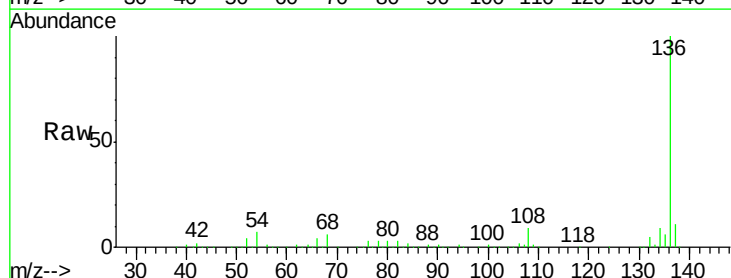
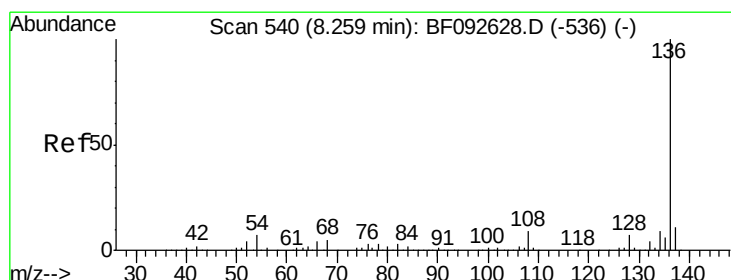
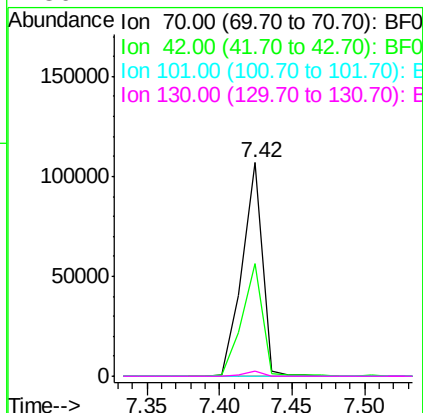
Ion Ratio Lower Upper

70 100

42 52.8 49.4 74.0

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF092998.D

Acq: 16 Feb 2017 23:10

Tgt Ion: 136 Resp: 572571

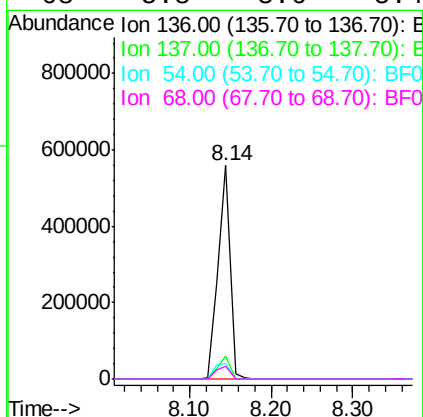
Ion Ratio Lower Upper

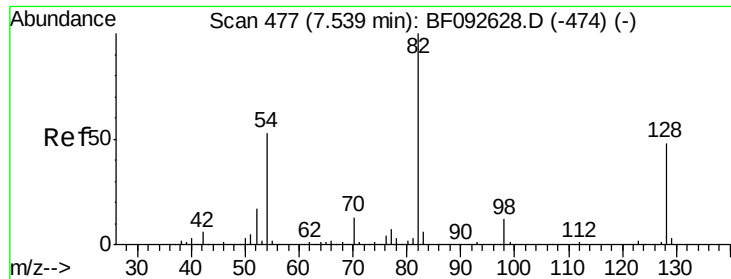
136 100

137 10.6 8.4 12.6

54 7.2 4.5 6.7#

68 5.8 3.6 5.4#

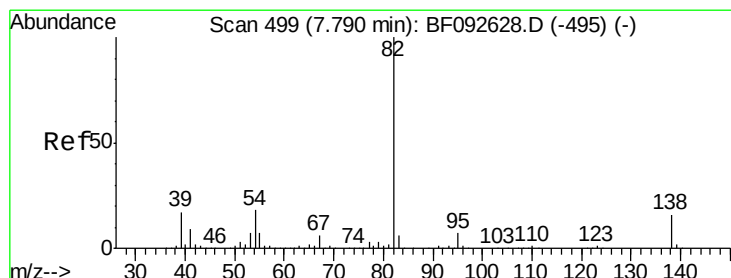
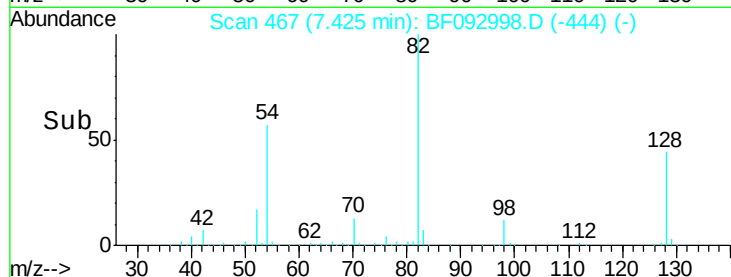
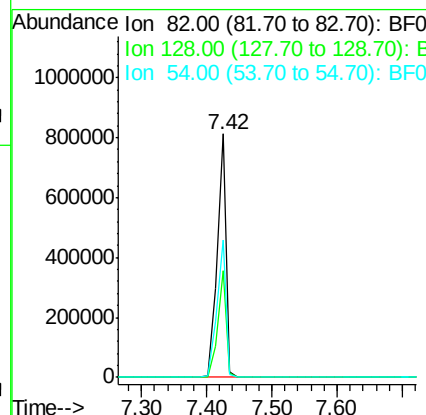
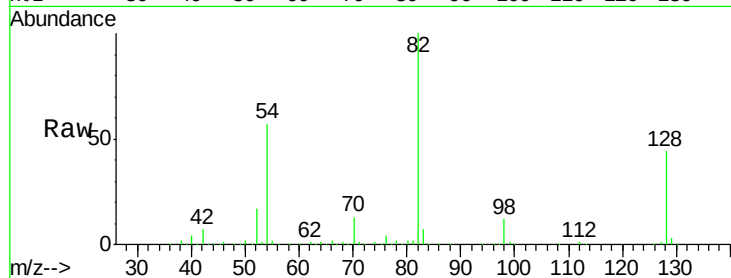




#23
 Nitrobenzene-d5
 Concen: 76.39 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF092998.D
 Acq: 16 Feb 2017 23:10

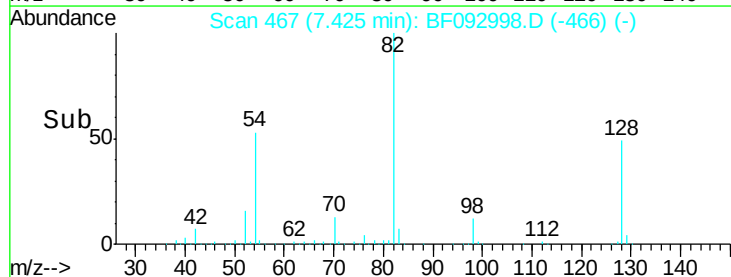
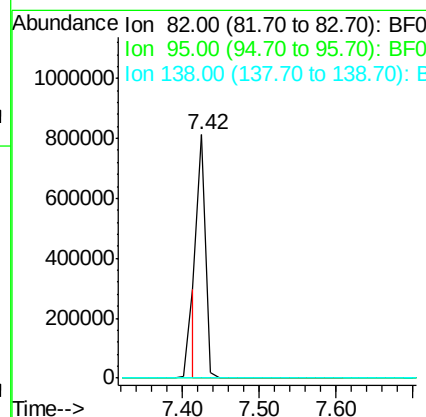
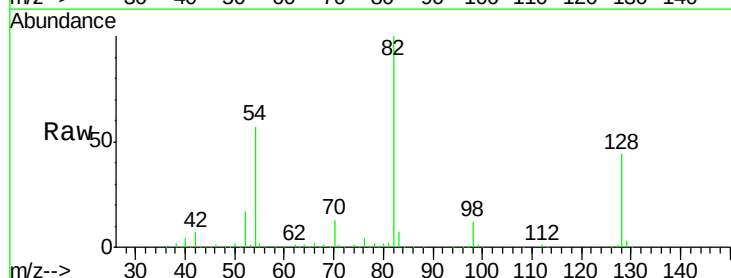
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-SCREENINGS

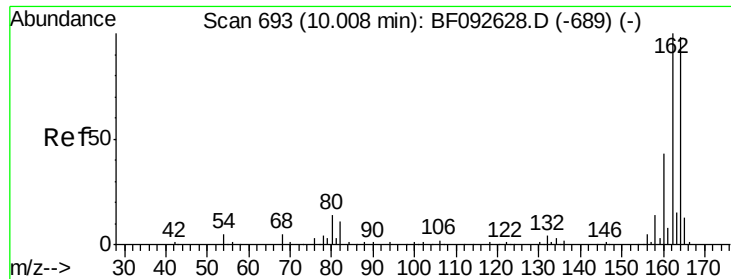
Tgt Ion: 82 Resp: 785418
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.6 52.0
 54 56.5 39.5 59.3



#25
 Isophorone
 Concen: 30.24 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.29 min
 Lab File: BF092998.D
 Acq: 16 Feb 2017 23:10

Tgt Ion: 82 Resp: 579333
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF092998.D

Acq: 16 Feb 2017 23:10

Instrument :

BNA_F

ClientSampleId :

TILCON-SCREENINGS

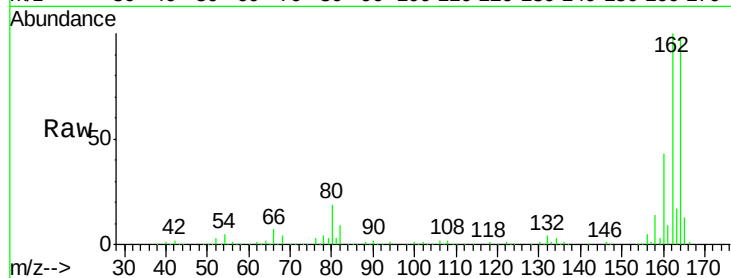
Tgt Ion:164 Resp: 315943

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

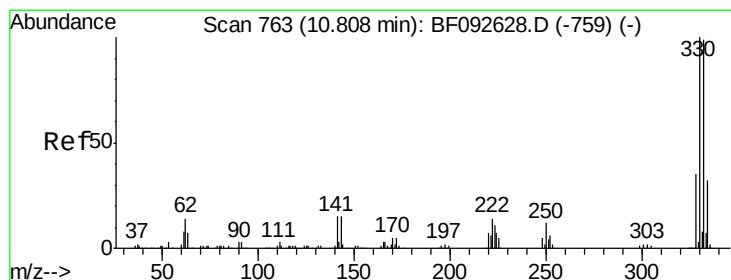
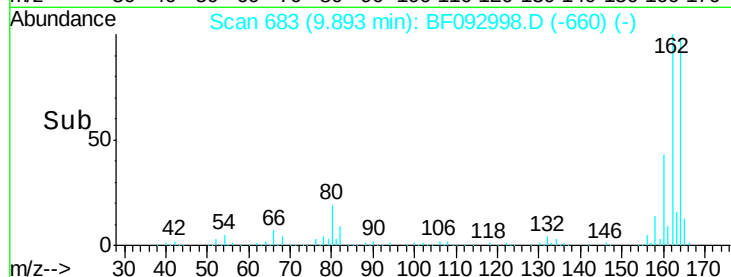
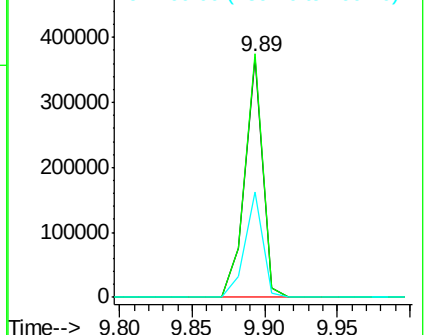
160 43.9 36.9 55.3



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: 101.99 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.03 min

Lab File: BF092998.D

Acq: 16 Feb 2017 23:10

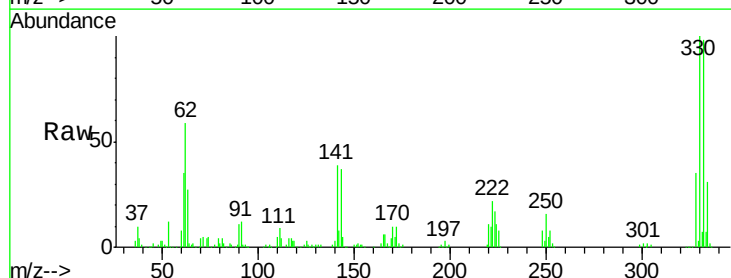
Tgt Ion:330 Resp: 233068

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.2

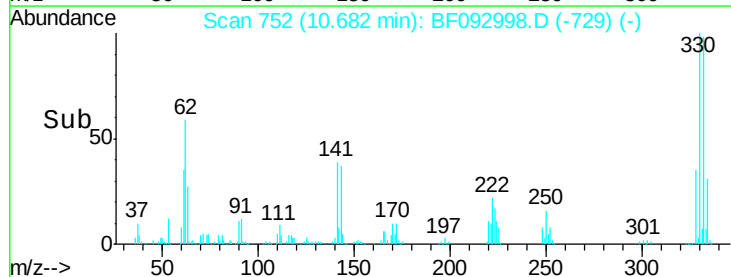
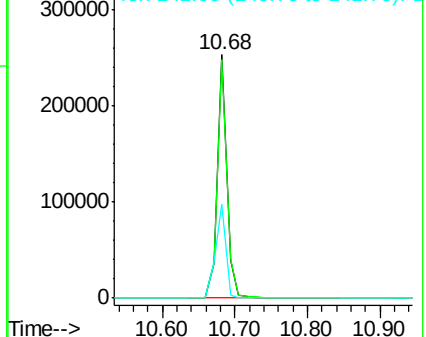
141 42.3 34.1 51.1

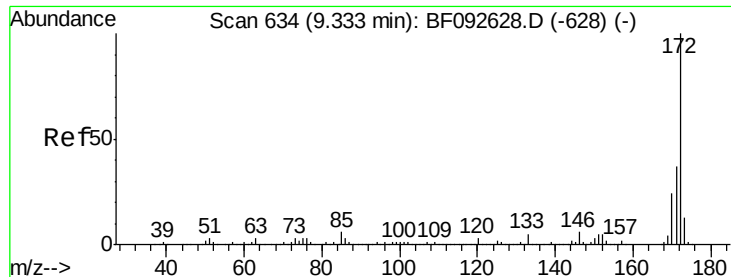


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

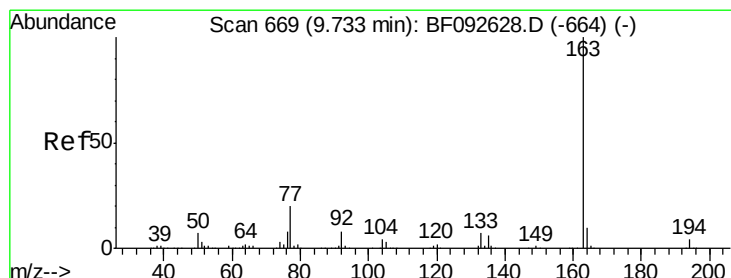
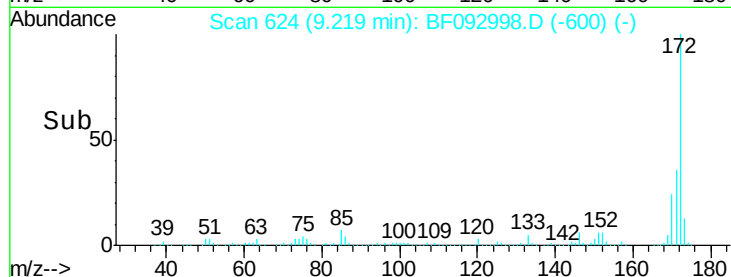
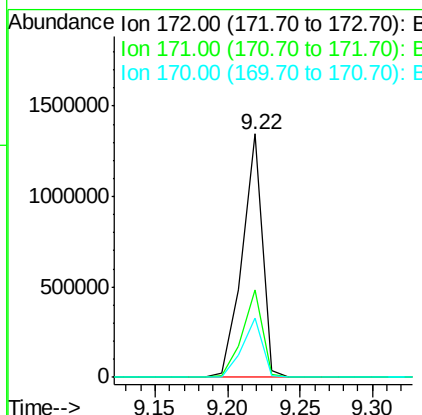
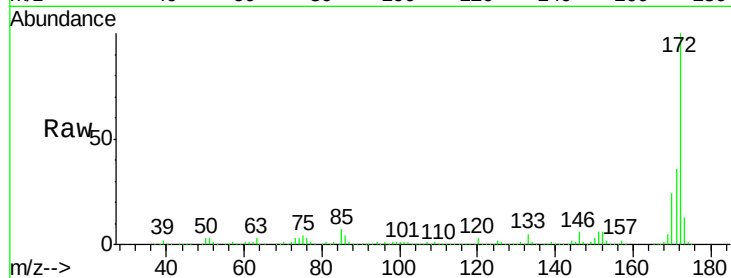




#44
 2-Fluorobiphenyl
 Concen: 74.82 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF092998.D
 Acq: 16 Feb 2017 23:10

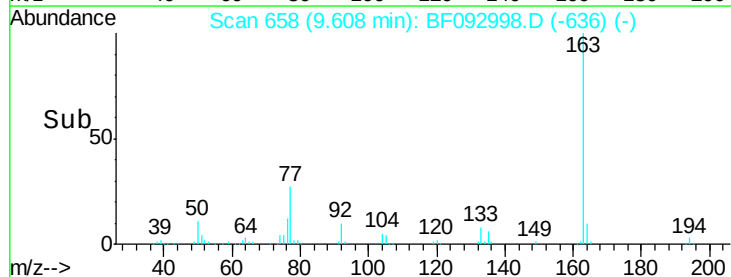
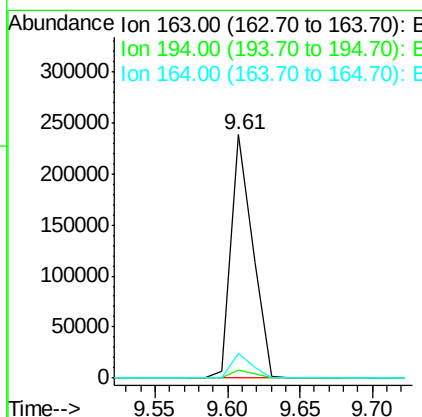
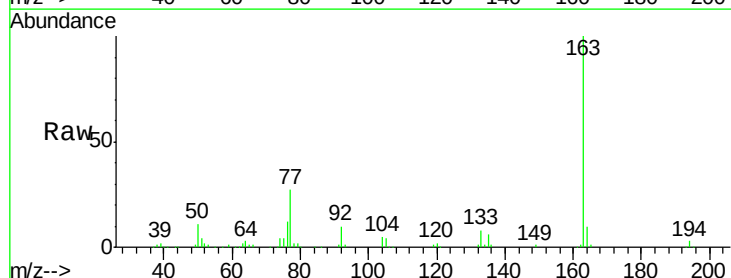
Instrument :
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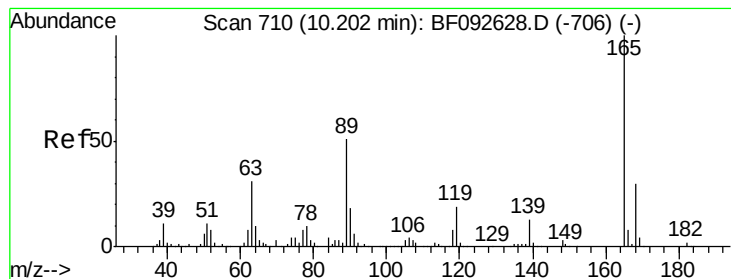
Tgt Ion:172 Resp: 1304790
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.2 20.2 30.4



#49
 Dimethylphthalate
 Concen: 11.66 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.05 min
 Lab File: BF092998.D
 Acq: 16 Feb 2017 23:10

Tgt Ion:163 Resp: 248040
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 10.4 8.0 12.0

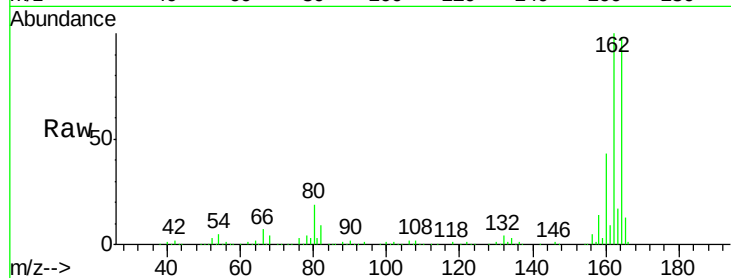




#56
 2,4-Dinitrotoluene
 Concen: 6.58 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.23 min
 Lab File: BF092998.D
 Acq: 16 Feb 2017 23:10

Instrument :
 BNA_F
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 TILCON-SCREENINGS

Tgt Ion:	165	Resp:	40234
Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

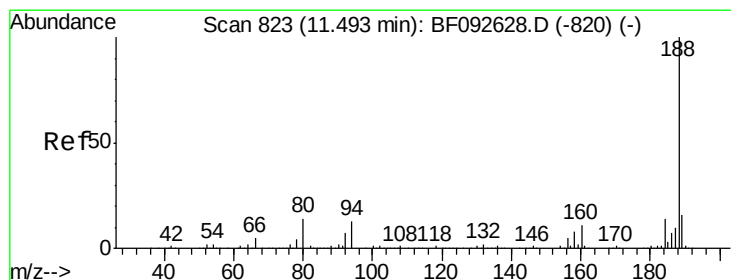
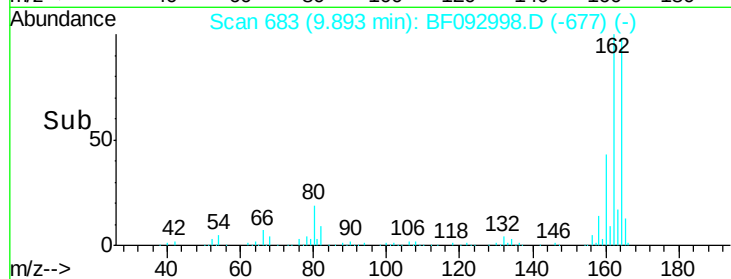
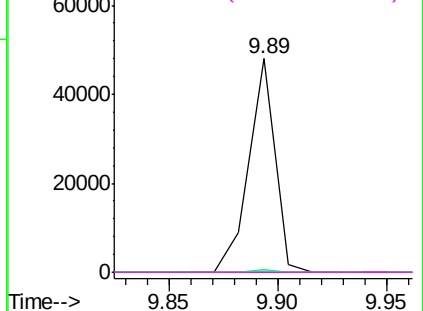


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

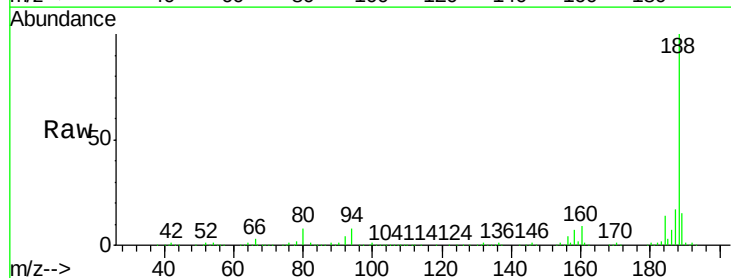
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF092998.D
 Acq: 16 Feb 2017 23:10

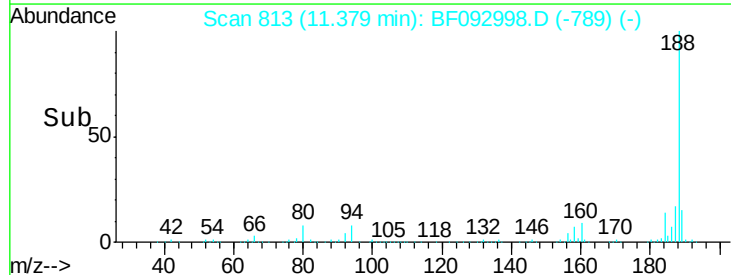
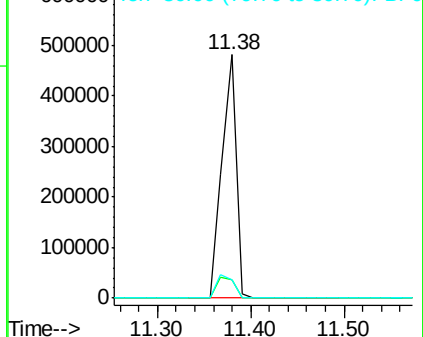
Tgt Ion:	188	Resp:	510714
Ion	Ratio	Lower	Upper
188	100		
94	7.7	10.0	15.0#
80	7.6	11.2	16.8#

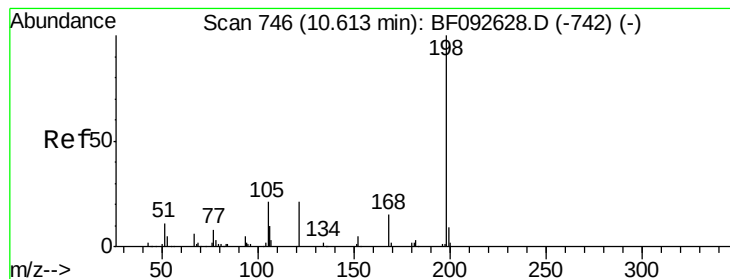


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.78 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF092998.D

Acq: 16 Feb 2017 23:10

Instrument :

BNA_F

ClientSampleId :

TILCON-SCREENINGS

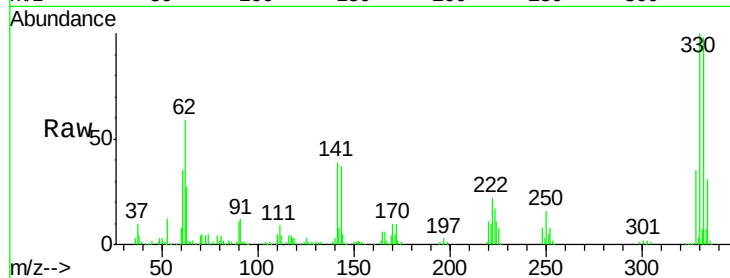
Tgt Ion:198 Resp: 380

Ion Ratio Lower Upper

198 100

51 241.7 6.7 46.7#

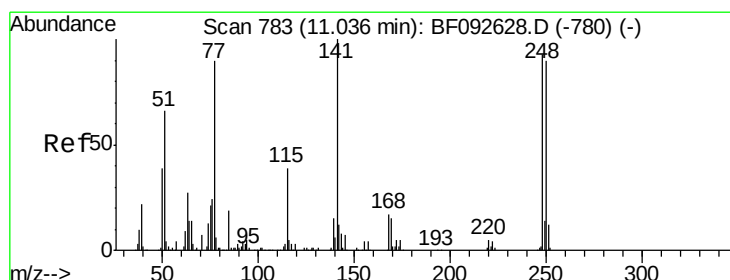
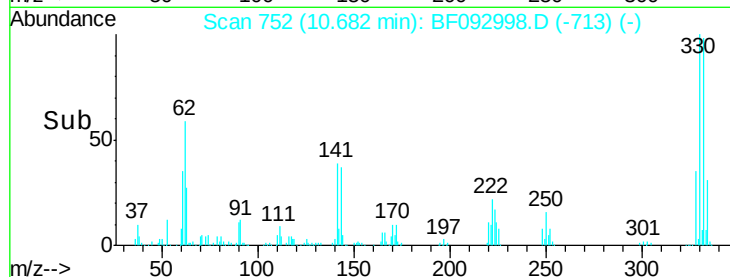
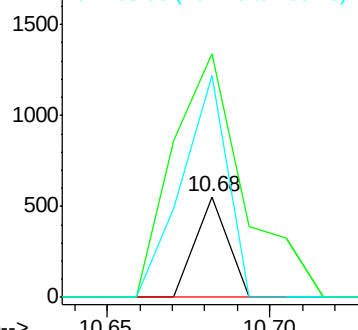
105 220.6 16.6 56.6#



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: 3.32 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.27 min

Lab File: BF092998.D

Acq: 16 Feb 2017 23:10

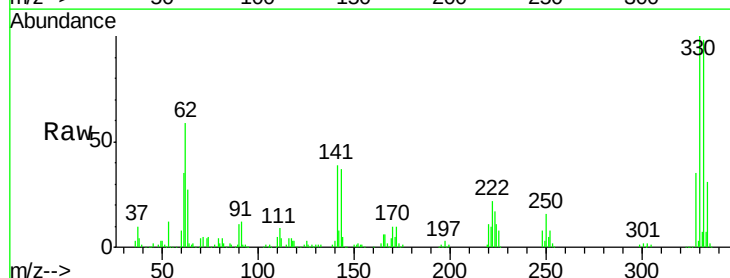
Tgt Ion:248 Resp: 17703

Ion Ratio Lower Upper

248 100

250 201.2 76.9 115.3#

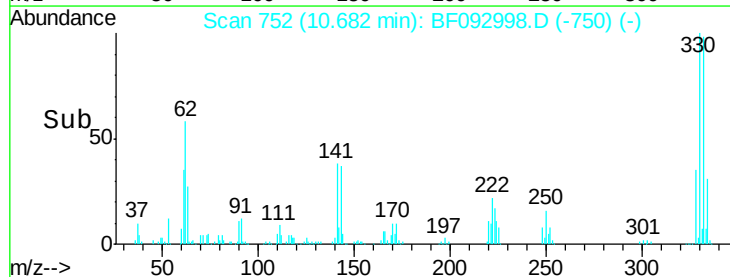
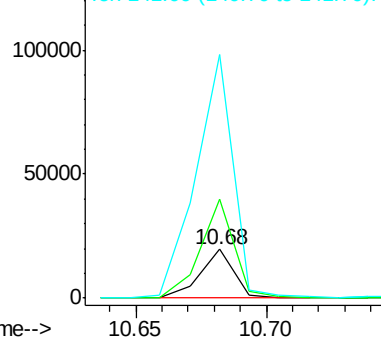
141 497.8 68.2 102.4#

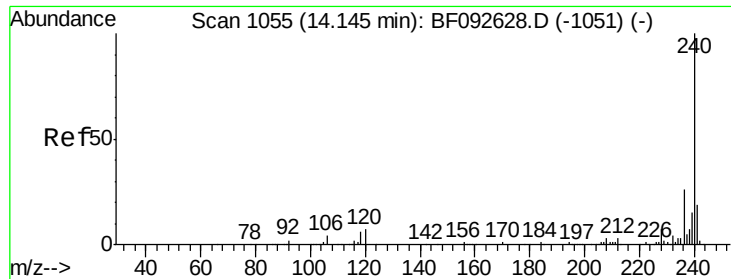


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

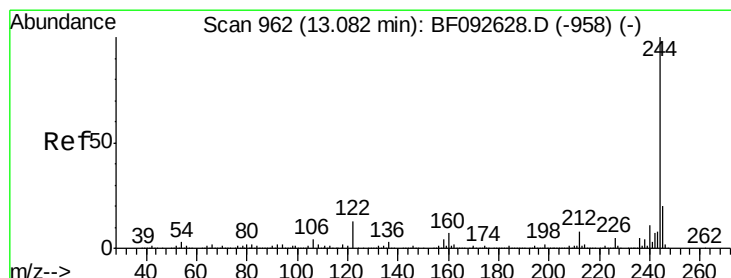
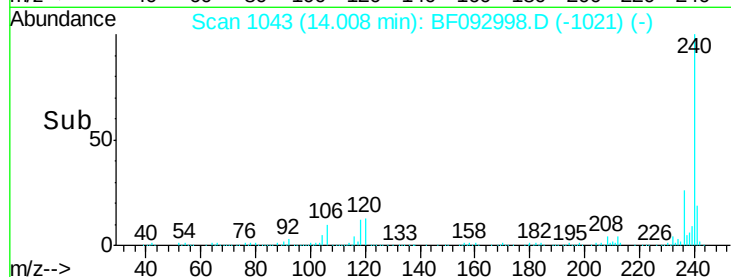
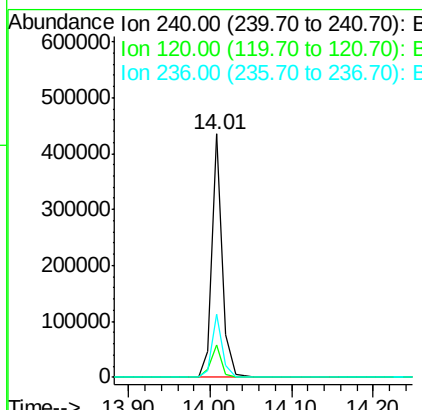
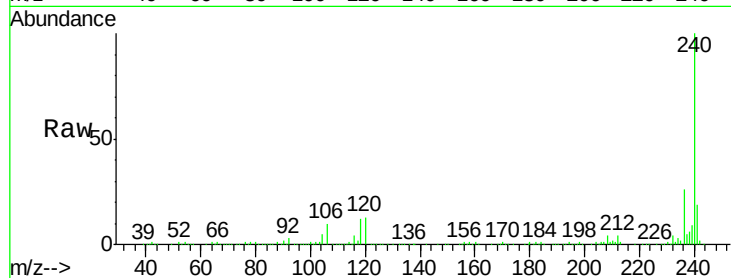




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.05 min
 Lab File: BF092998.D
 Acq: 16 Feb 2017 23:10

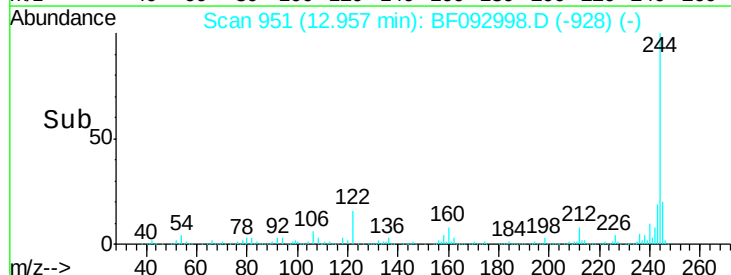
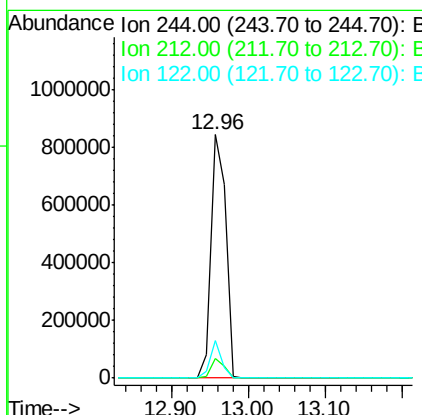
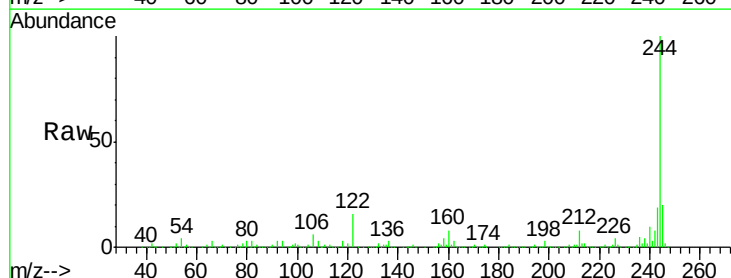
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-SCREENINGS

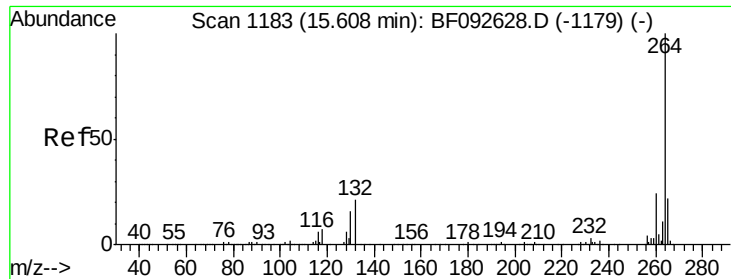
Tgt Ion:240 Resp: 390668
 Ion Ratio Lower Upper
 240 100
 120 13.5 12.9 19.3
 236 26.0 20.9 31.3



#78
 Terphenyl-d14
 Concen: 66.70 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.03 min
 Lab File: BF092998.D
 Acq: 16 Feb 2017 23:10

Tgt Ion:244 Resp: 1108954
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 15.6 11.4 17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF092998.D
Acq: 16 Feb 2017 23:10

Instrument :
BNA_F
ClientSampleId :
TILCON-SCREENINGS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	17.4	26.0

