

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080320\
 Data File : BF121181.D
 Acq On : 3 Aug 2020 17:43
 Operator : JU/CG
 Sample : L3525-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002

Quant Time: Aug 03 18:38:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

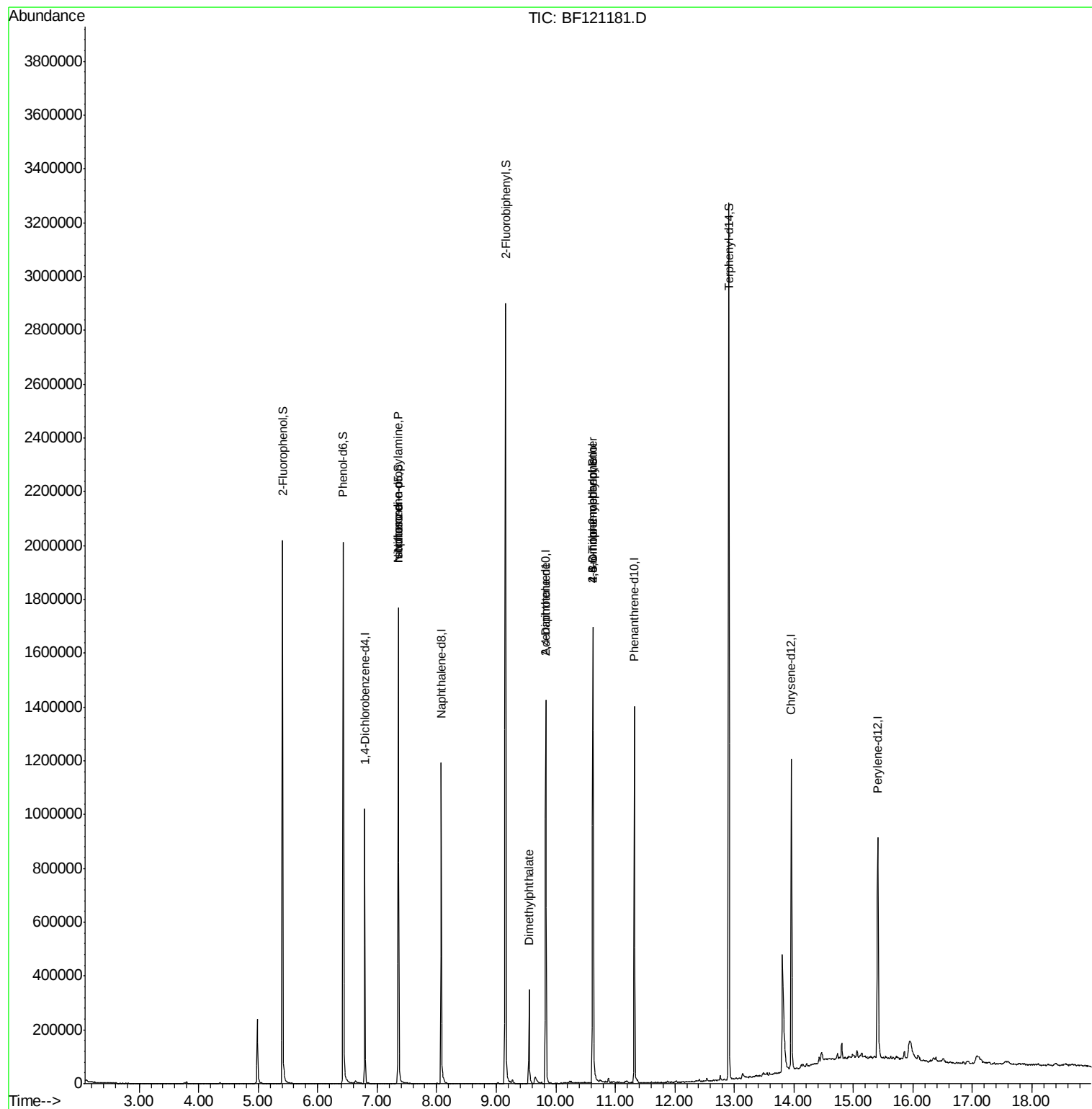
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	144444	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	558827	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	287691	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	558682	20.00	ng	0.00
76) Chrysene-d12	13.96	240	428345	20.00	ng	0.00
86) Perylene-d12	15.41	264	405123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	664836	75.46	ng	0.00
7) Phenol-d6	6.43	99	827627	72.72	ng	-0.02
23) Nitrobenzene-d5	7.36	82	555818	57.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	252910	80.31	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1073101	55.69	ng	0.00
79) Terphenyl-d14	12.91	244	1093674	55.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1081	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	71742	11.085	ng	# 78
25) Isophorone	7.36	82	549957	28.533	ng	# 62
50) Dimethylphthalate	9.55	163	171377	8.257	ng	# 98
57) 2,4-Dinitrotoluene	9.83	165	37291	6.368	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.62	198	331	3.937	ng	# 1
67) 4-Bromophenyl-phenylether	10.62	248	14503	2.328	ng	# 1

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

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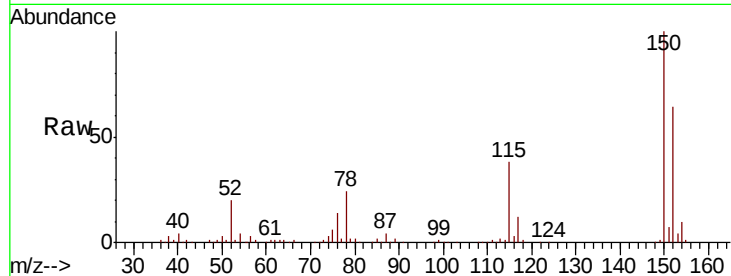


#1

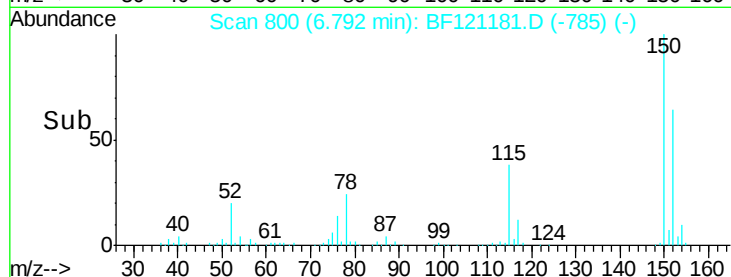
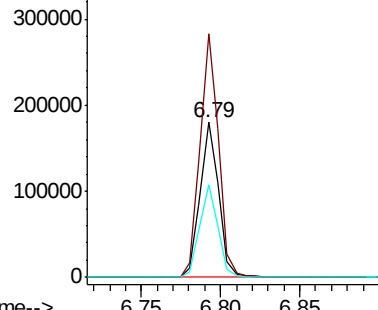
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121181.D
 Acq: 3 Aug 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002

Tot Ion:152 Resp: 144444
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.6 188.4
 115 59.9 46.2 69.2



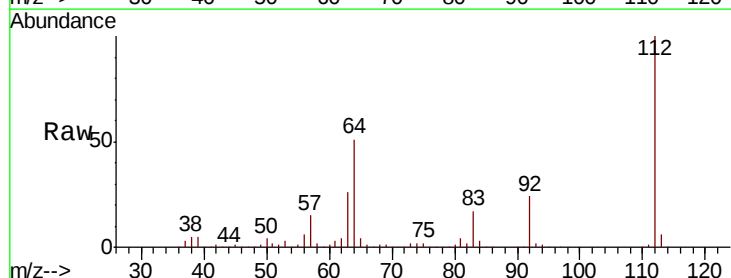
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



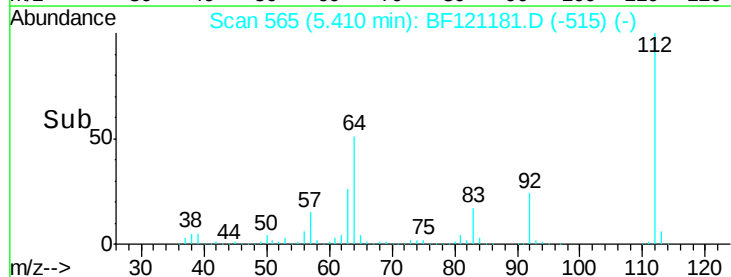
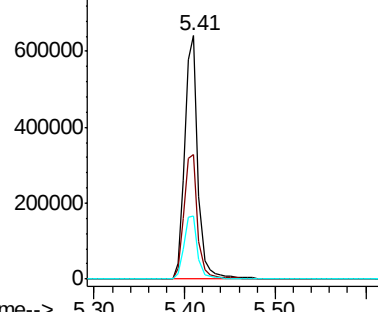
#5

2-Fluorophenol
 Concen: 75.455 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF121181.D
 Acq: 3 Aug 2020 17:43

Tgt Ion:112 Resp: 664836
 Ion Ratio Lower Upper
 112 100
 64 51.2 43.9 65.9
 63 25.9 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 72.716 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121181.D

Acq: 3 Aug 2020 17:43

Instrument :

BNA_F

ClientSampleId :

TILCON-FL-002

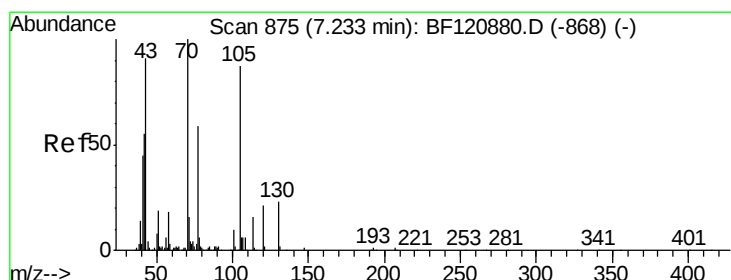
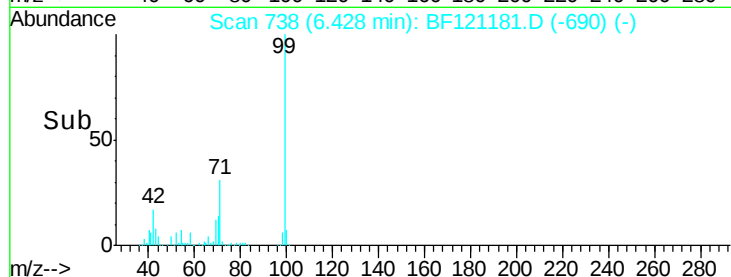
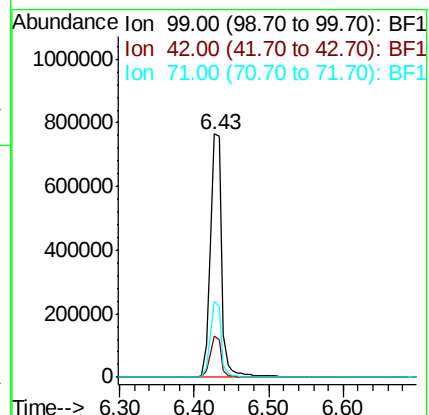
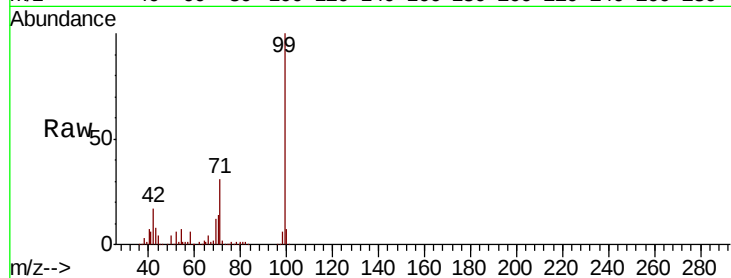
Tot Ion: 99 Resp: 827627

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

71 31.4 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.085 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121181.D

Acq: 3 Aug 2020 17:43

Tgt Ion: 70 Resp: 71742

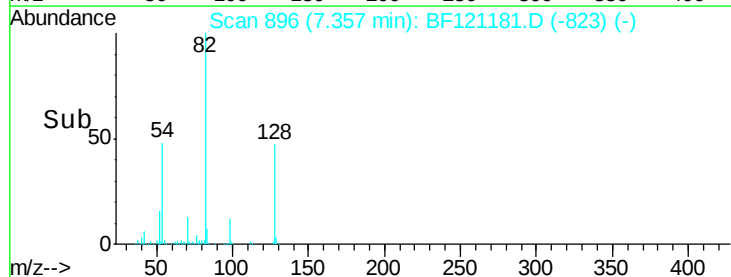
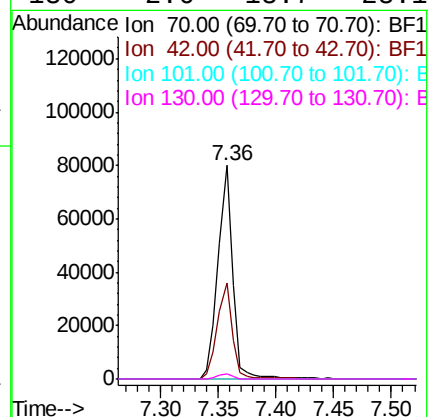
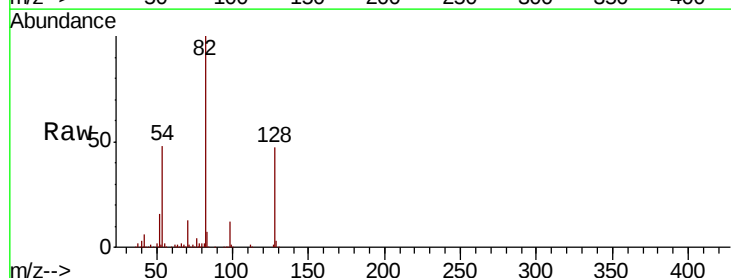
Ion Ratio Lower Upper

70 100

42 45.0 43.3 64.9

101 0.0 8.4 12.6#

130 2.6 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121181.D

Acq: 3 Aug 2020 17:43

Instrument :

BNA_F

ClientSampleId :

TILCON-FL-002

Tot Ion:136 Resp: 558827

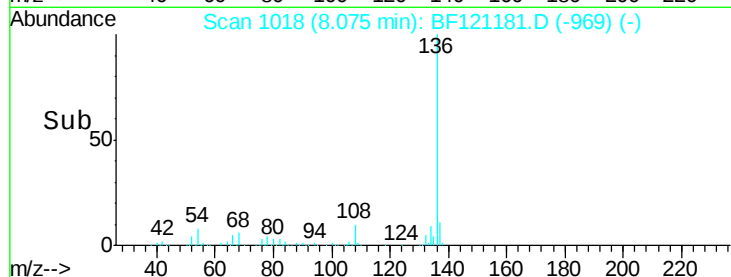
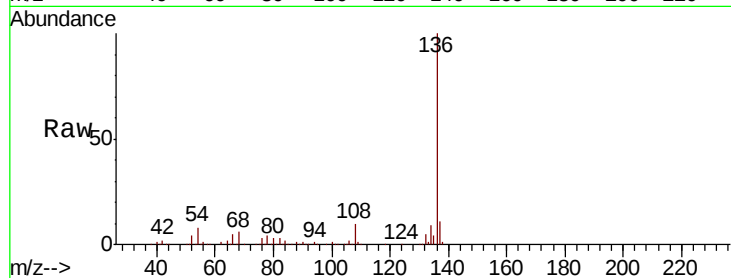
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.6 6.1 9.1

68 6.3 5.0 7.6

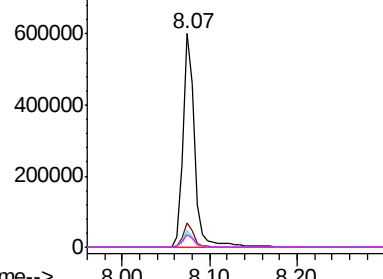


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 57.552 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121181.D

Acq: 3 Aug 2020 17:43

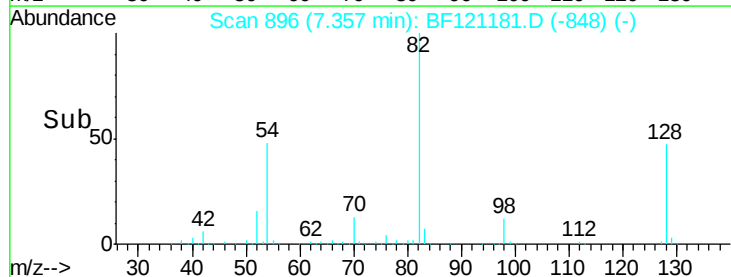
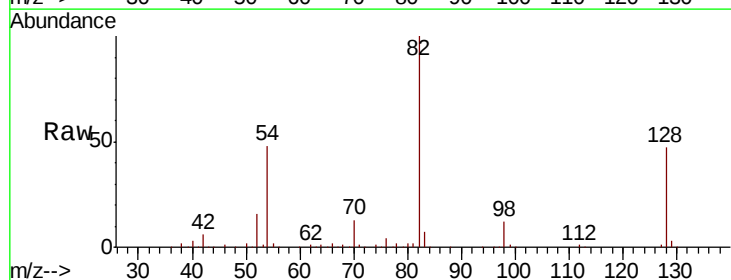
Tgt Ion: 82 Resp: 555818

Ion Ratio Lower Upper

82 100

128 47.1 39.2 58.8

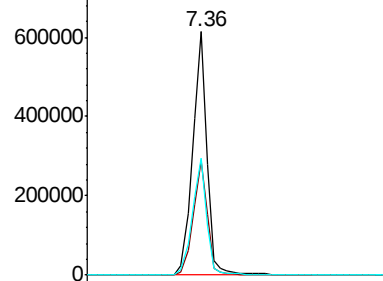
54 48.1 37.8 56.8

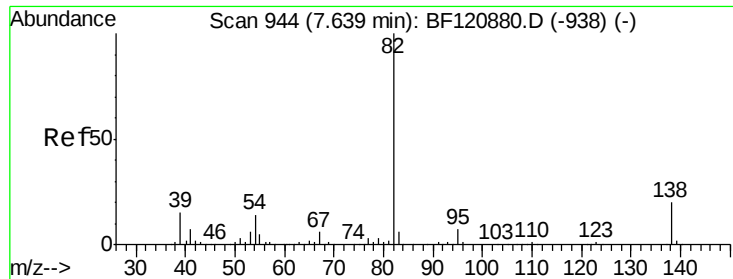


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

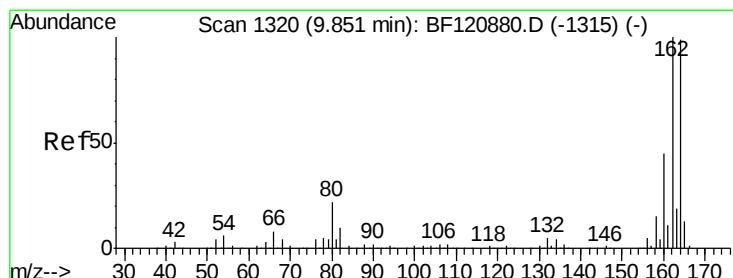
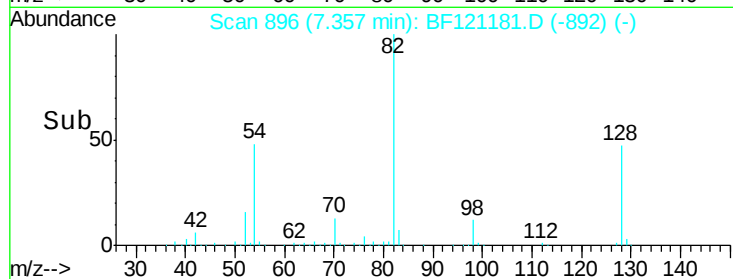
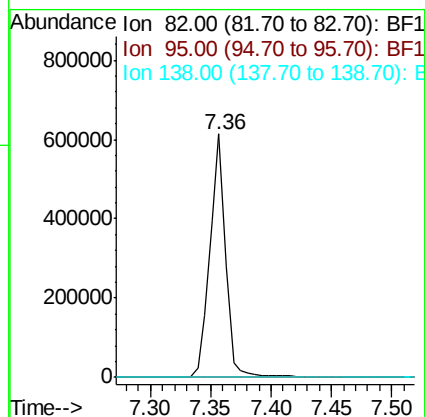
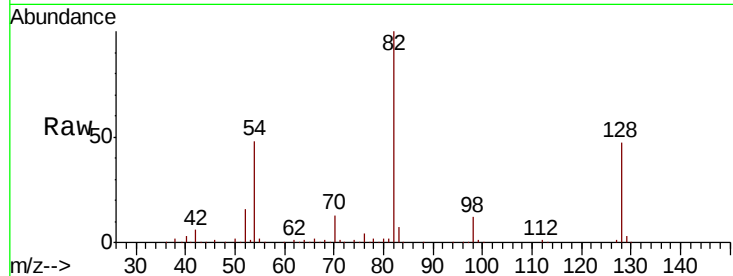




#25
Isophorone
Concen: 28.533 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121181.D
Acq: 3 Aug 2020 17:43

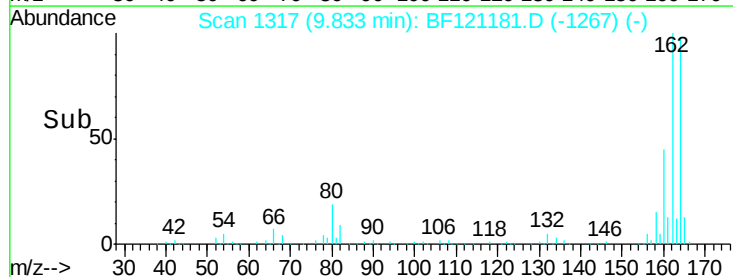
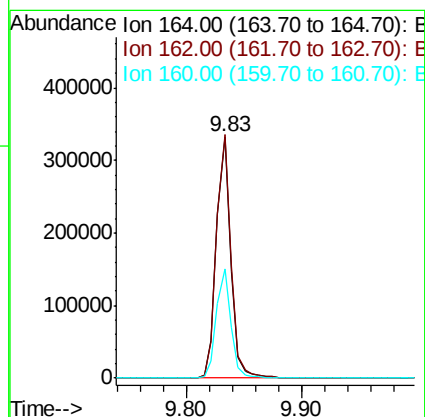
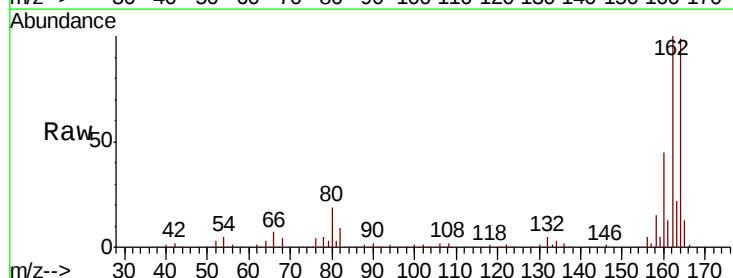
Instrument :
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TILCON-FL-002

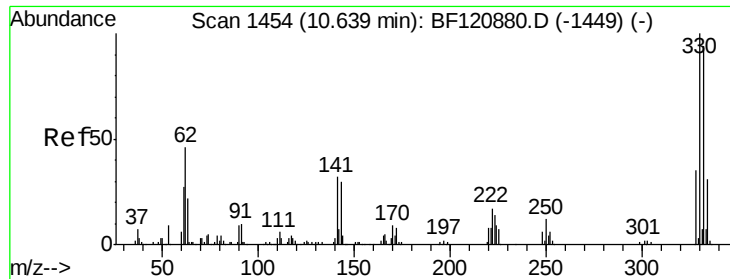
Tot Ion: 82 Resp: 549957
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 16.2 24.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121181.D
Acq: 3 Aug 2020 17:43

Tgt Ion: 164 Resp: 287691
Ion Ratio Lower Upper
164 100
162 100.9 82.2 123.2
160 45.5 37.2 55.8

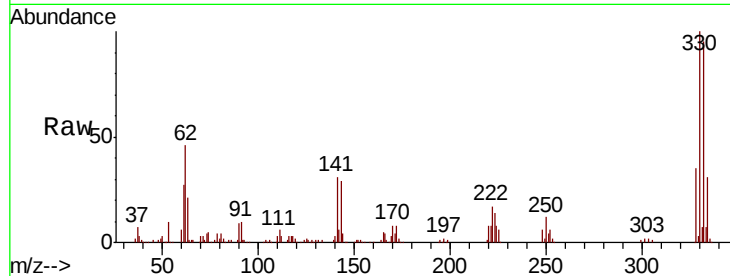




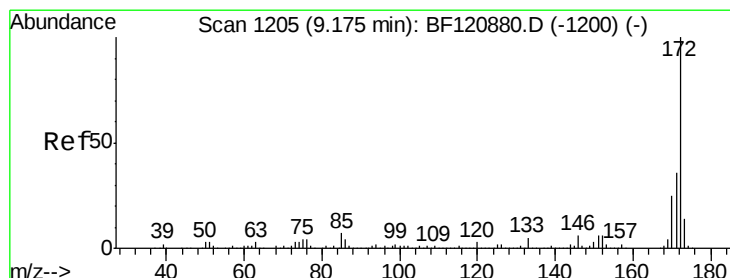
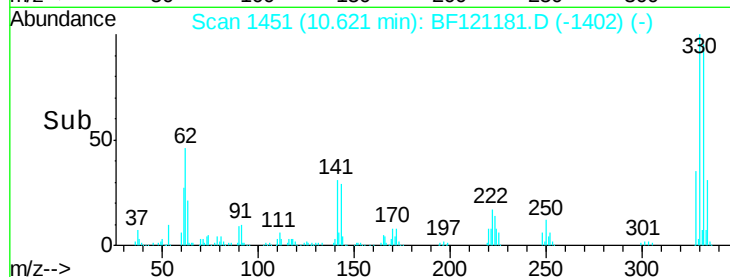
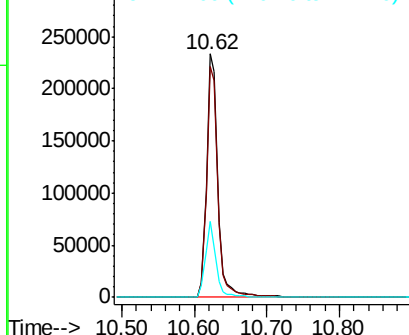
#42
 2,4,6-Tribromophenol
 Concen: 80.313 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121181.D
 Acq: 3 Aug 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	29.8	24.1	36.1

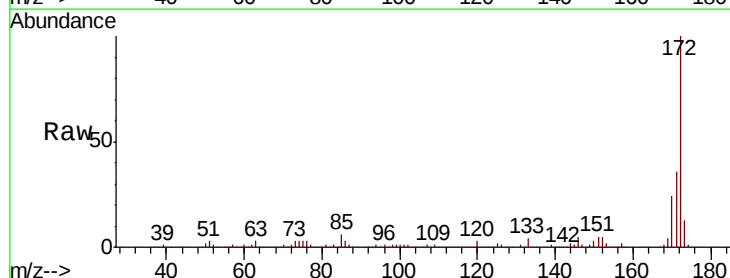


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

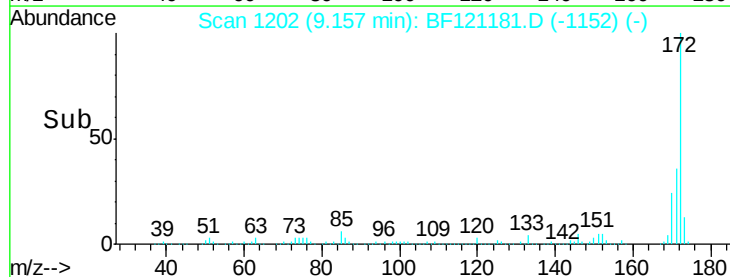
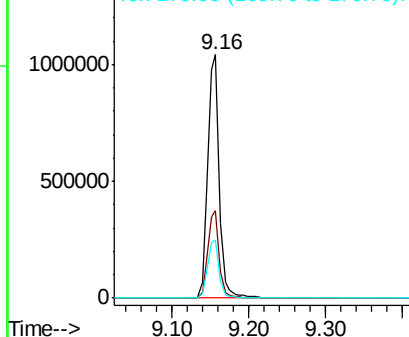


#45
 2-Fluorobiphenyl
 Concen: 55.691 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121181.D
 Acq: 3 Aug 2020 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.8	19.6	29.4



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

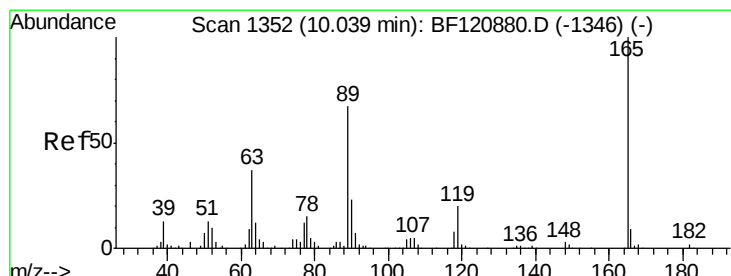
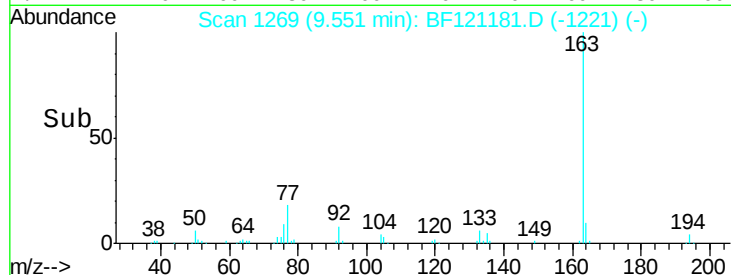
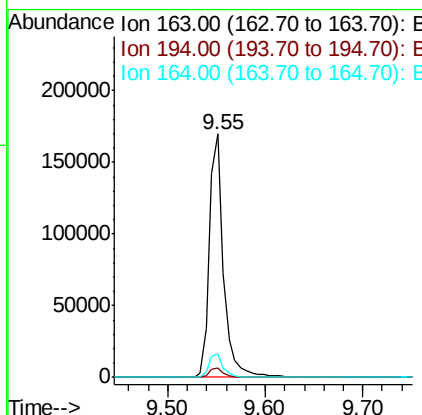
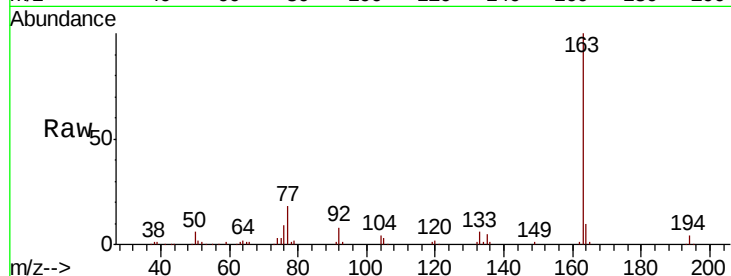




#50
Dimethylphthalate
Concen: 8.257 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121181.D
Acq: 3 Aug 2020 17:43

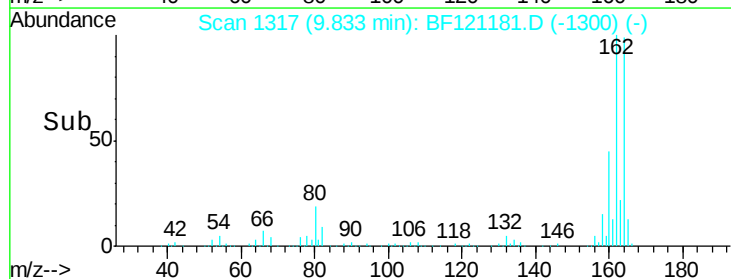
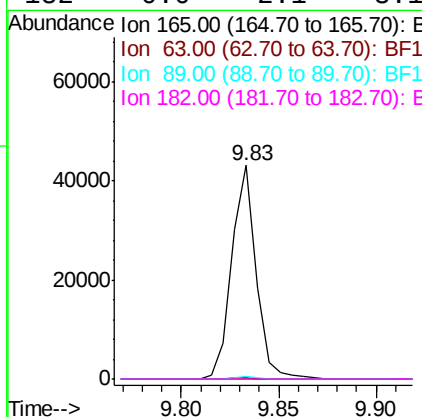
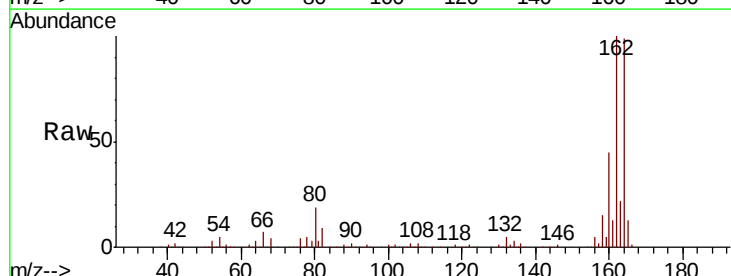
Instrument :
BNA_F
ClientSampleId :
TILCON-FL-002

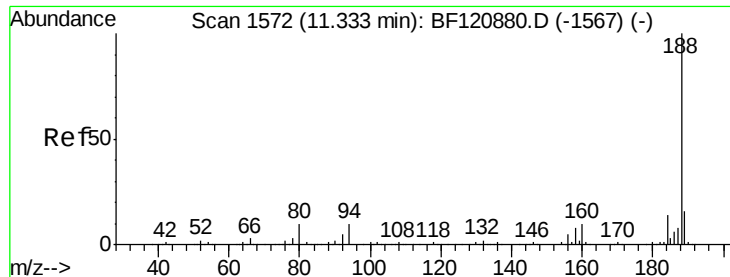
Tot Ion:163 Resp: 171377
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.6 8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 6.368 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121181.D
Acq: 3 Aug 2020 17:43

Tgt Ion:165 Resp: 37291
Ion Ratio Lower Upper
165 100
63 0.9 29.8 44.8#
89 1.4 50.3 75.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121181.D

Acq: 3 Aug 2020 17:43

Instrument :

BNA_F

ClientSampleId :

TILCON-FL-002

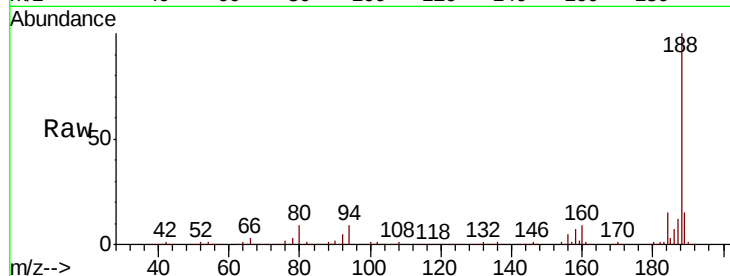
Tot Ion:188 Resp: 558682

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

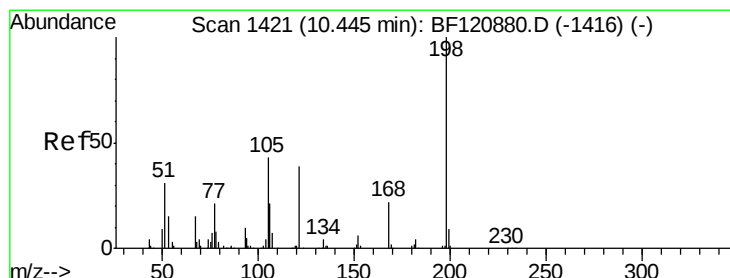
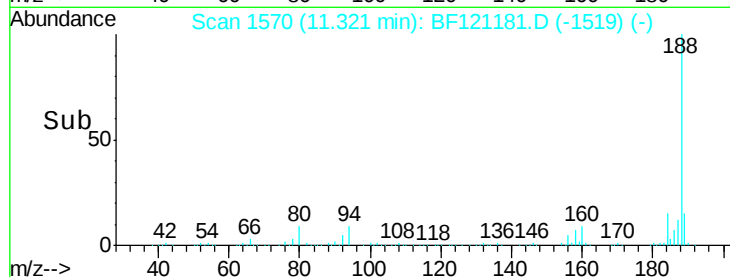
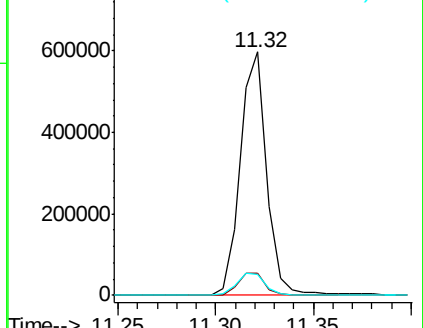
80 8.8 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 3.937 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.18 min

Lab File: BF121181.D

Acq: 3 Aug 2020 17:43

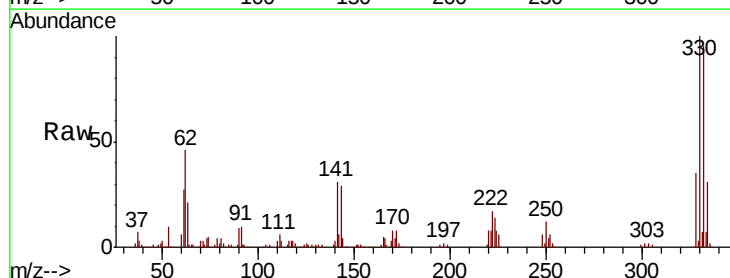
Tgt Ion:198 Resp: 331

Ion Ratio Lower Upper

198 100

51 158.4 23.4 63.4#

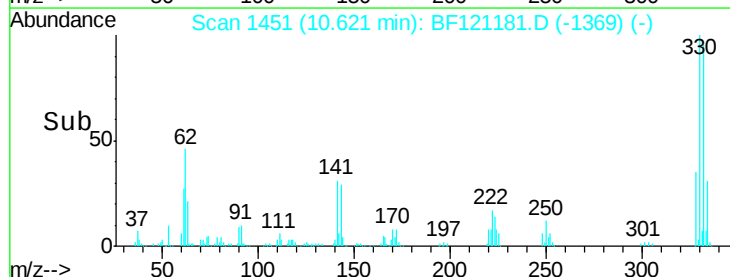
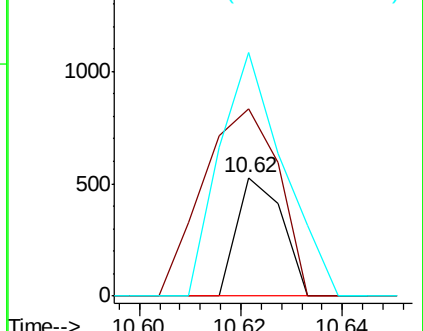
105 206.1 23.7 63.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

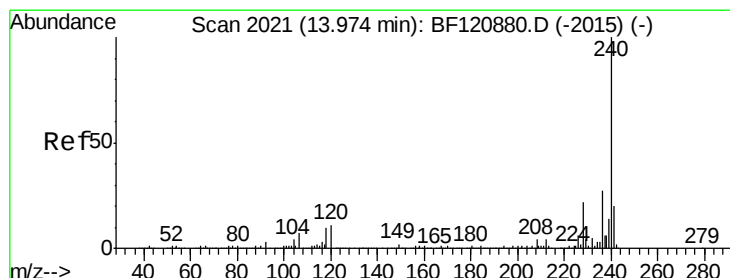
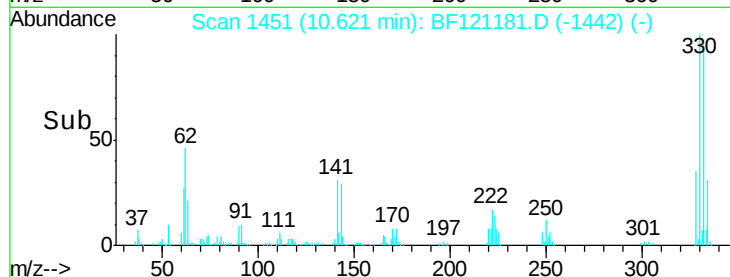
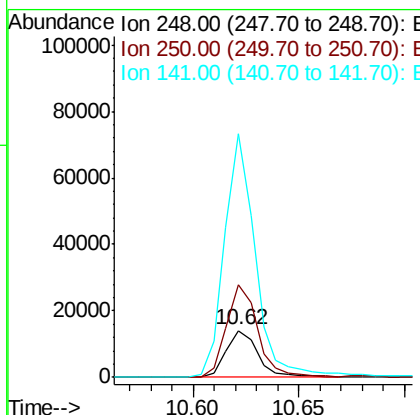
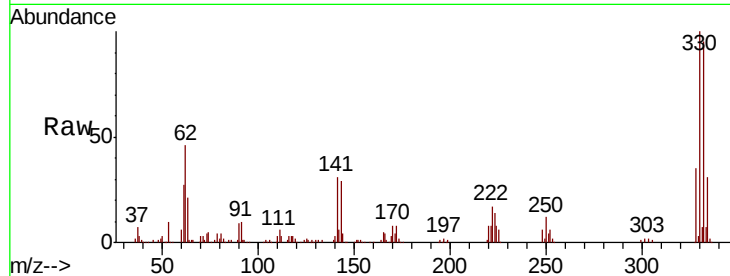




#67
 4-Bromophenyl-phenylether
 Concen: 2.328 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF121181.D
 Acq: 3 Aug 2020 17:43

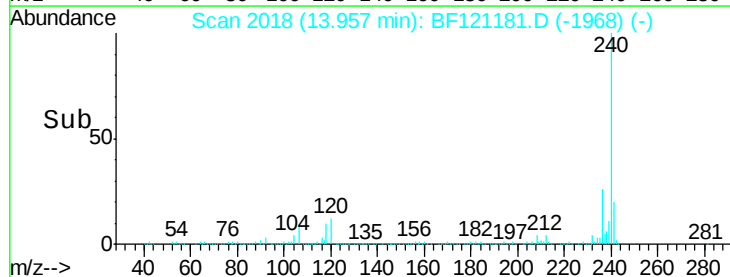
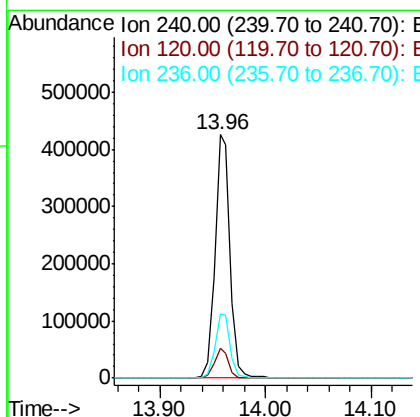
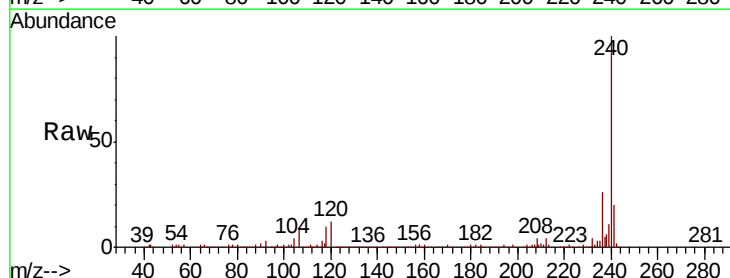
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002

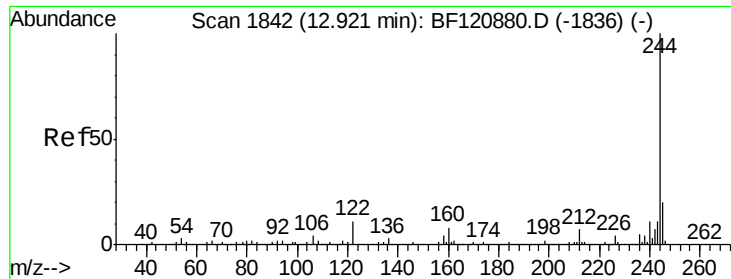
Tot Ion:248 Resp: 14503
 Ion Ratio Lower Upper
 248 100
 250 195.7 77.0 115.6#
 141 517.3 56.6 85.0#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF121181.D
 Acq: 3 Aug 2020 17:43

Tgt Ion:240 Resp: 428345
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.3 13.9
 236 26.5 21.1 31.7

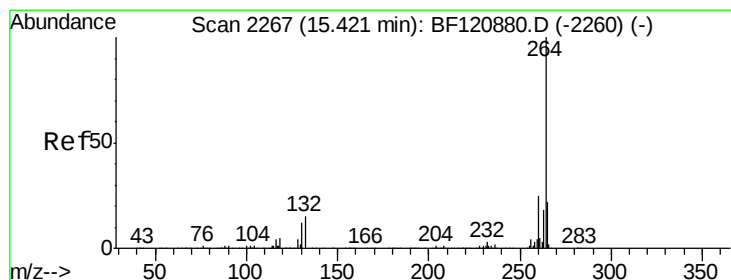
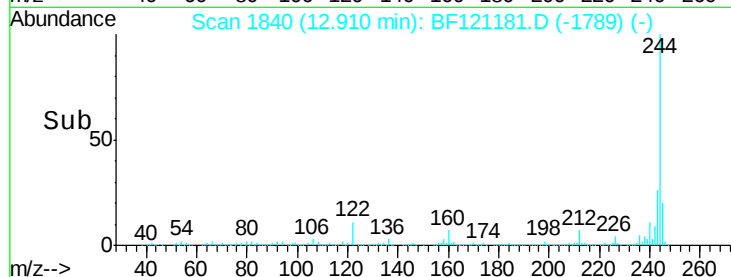
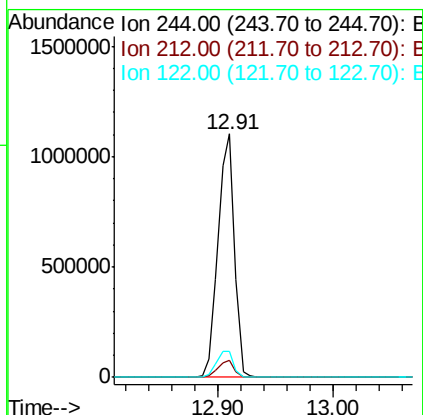
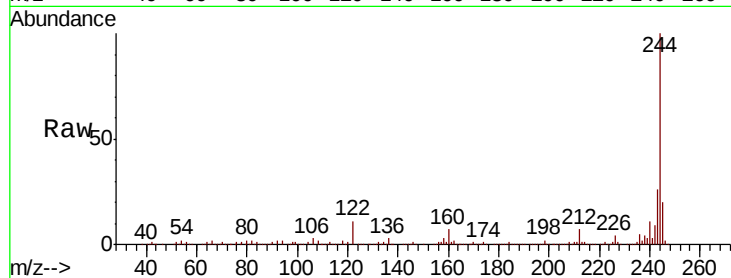




#79
 Terphenyl-d14
 Concen: 55.502 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121181.D
 Acq: 3 Aug 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002

Tot Ion:244 Resp: 1093674
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF121181.D
 Acq: 3 Aug 2020 17:43

Tgt Ion:264 Resp: 405123
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 21.1 17.8 26.8

