

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121197.D
 Acq On : 6 Aug 2020 11:29
 Operator : JU/CG
 Sample : L3525-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002RE

Quant Time: Aug 06 12:04:06 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

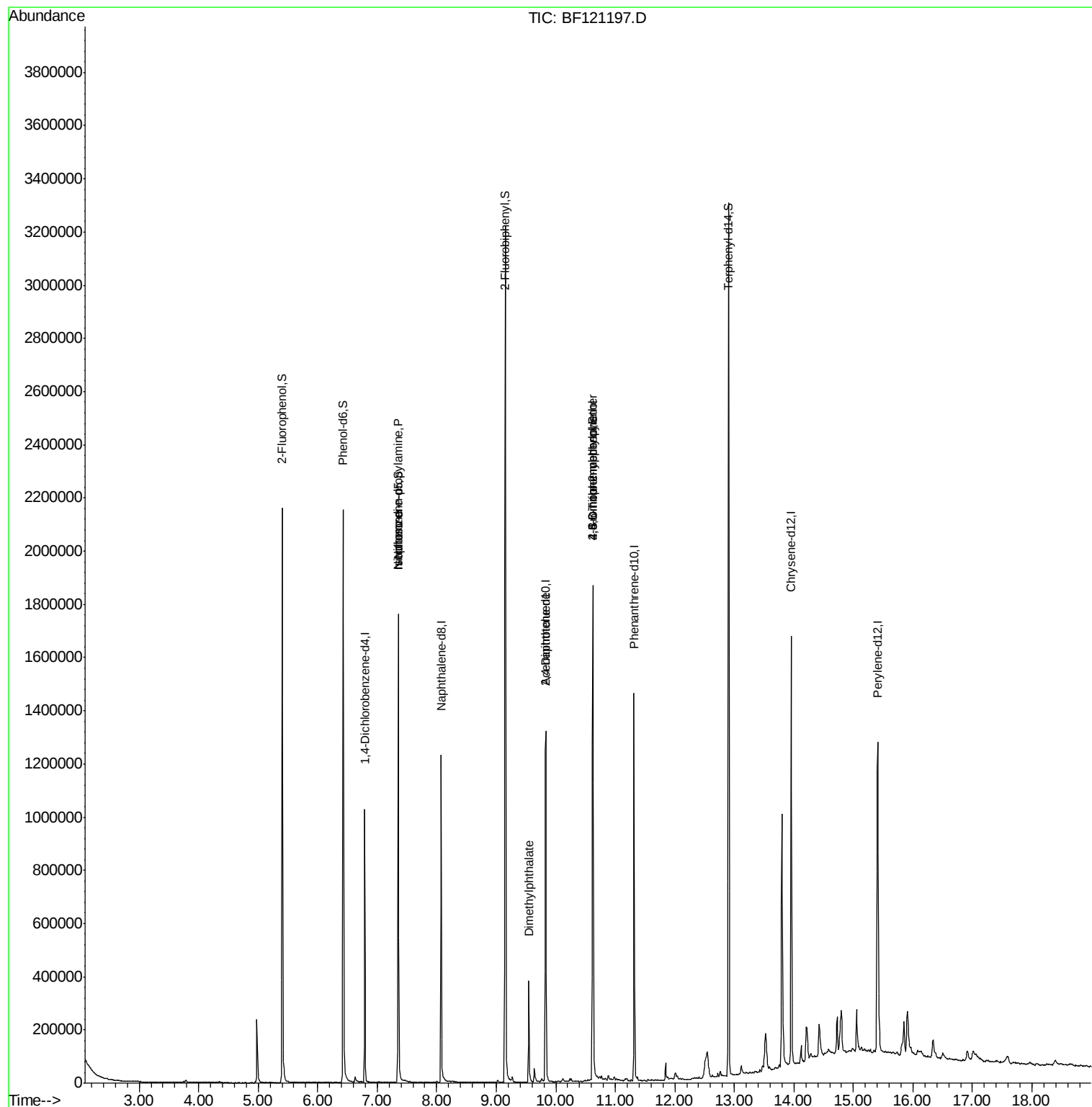
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	144084	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	561796	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	295469	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	583369	20.00	ng	0.00
76) Chrysene-d12	13.96	240	555938	20.00	ng	0.00
86) Perylene-d12	15.41	264	562833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	659740	75.06	ng	-0.01
7) Phenol-d6	6.43	99	836221	73.65	ng	-0.02
23) Nitrobenzene-d5	7.36	82	562199	57.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	265140	81.98	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1097014	55.43	ng	-0.01
79) Terphenyl-d14	12.90	244	1225457	47.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1065	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	73647	11.408	ng	# 78
25) Isophorone	7.36	82	551755	28.475	ng	# 62
50) Dimethylphthalate	9.55	163	175389	8.228	ng	# 99
57) 2,4-Dinitrotoluene	9.83	165	37505	6.236	ng	# 30
65) 4,6-Dinitro-2-methylphenol	10.62	198	570	3.998	ng	# 1
67) 4-Bromophenyl-phenylether	10.62	248	15609	2.400	ng	# 1

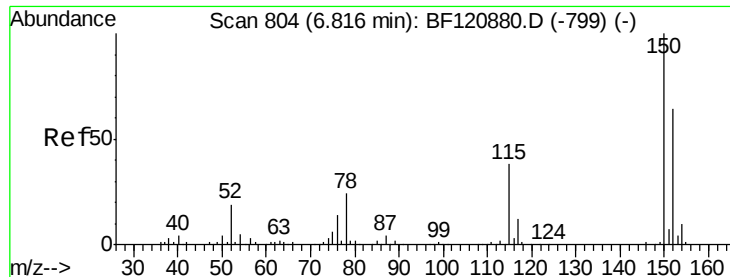
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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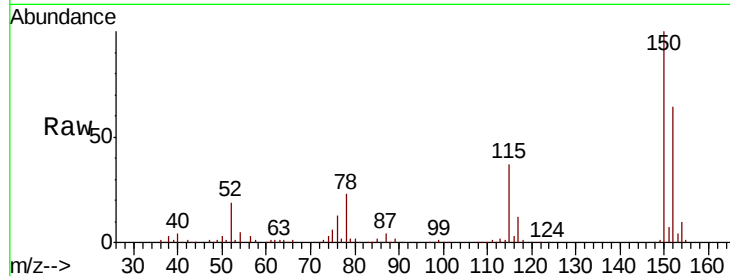


#1

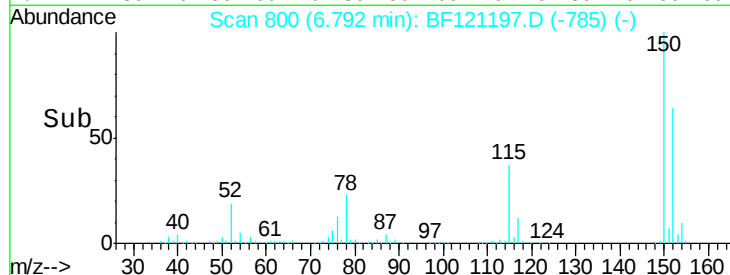
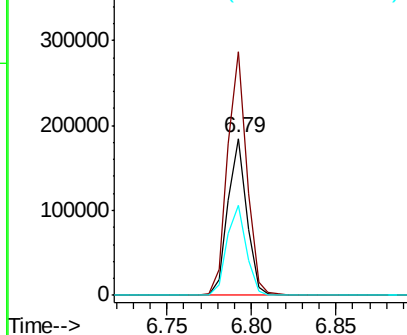
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121197.D
 Acq: 6 Aug 2020 11:29

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002RE

Tot Ion:152 Resp: 144084
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.6 188.4
 115 57.7 46.2 69.2



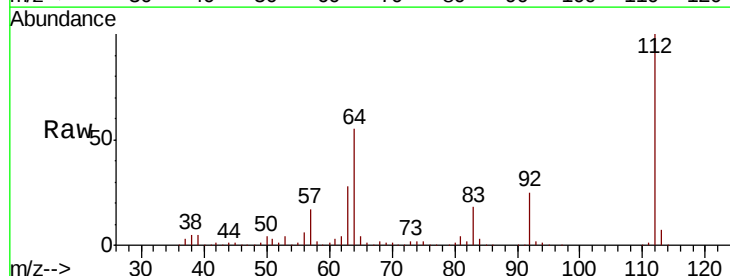
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



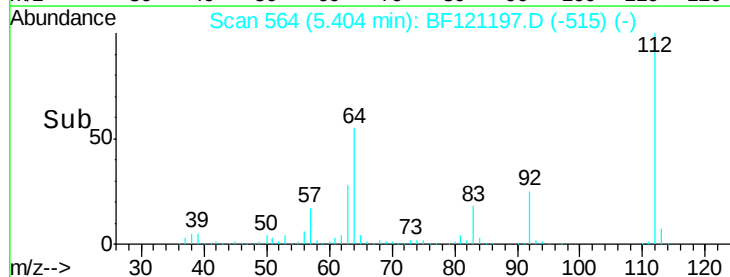
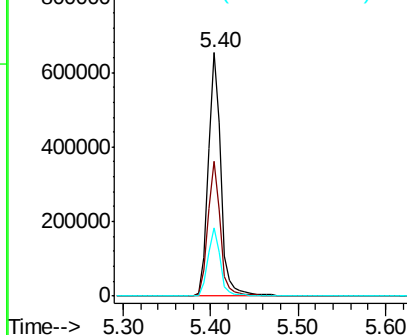
#5

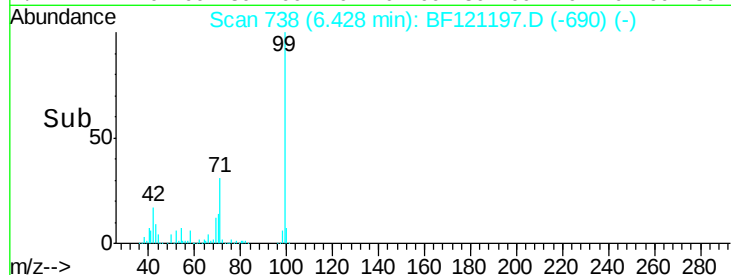
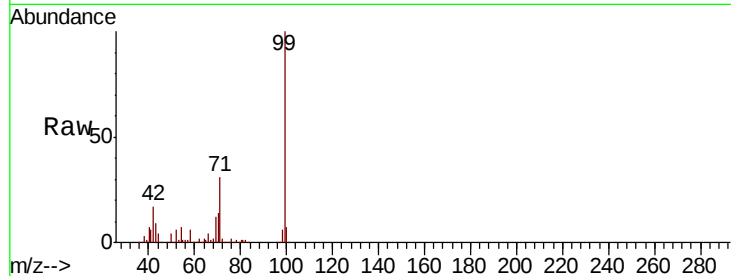
2-Fluorophenol
 Concen: 75.064 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF121197.D
 Acq: 6 Aug 2020 11:29

Tgt Ion:112 Resp: 659740
 Ion Ratio Lower Upper
 112 100
 64 55.3 43.9 65.9
 63 28.3 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: 73.655 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121197.D

Acq: 6 Aug 2020 11:29

Instrument :

BNA_F

ClientSampleId :

TILCON-FL-002RE

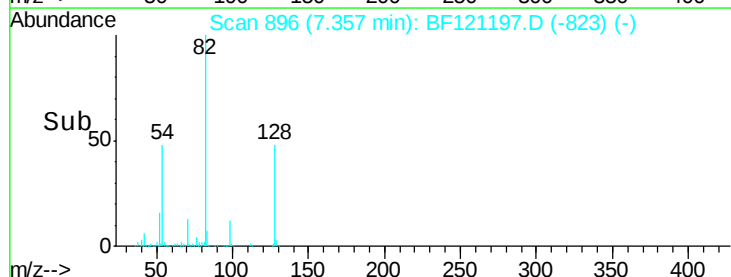
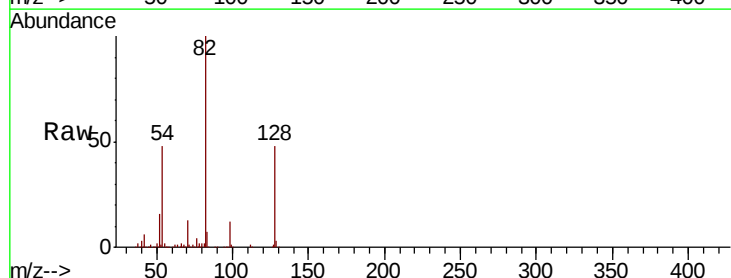
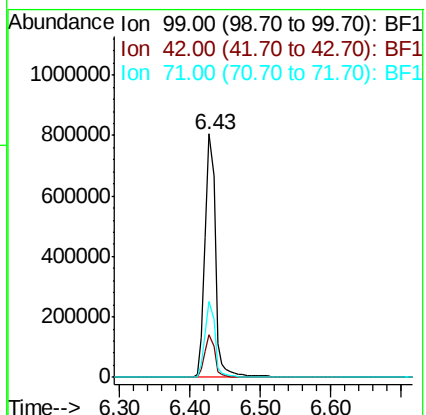
Tot Ion: 99 Resp: 836221

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 31.4 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.408 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121197.D

Acq: 6 Aug 2020 11:29

Tgt Ion: 70 Resp: 73647

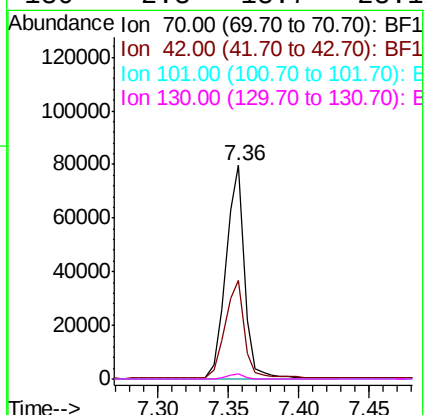
Ion Ratio Lower Upper

70 100

42 46.1 43.3 64.9

101 0.0 8.4 12.6#

130 2.3 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: BF121197.D

Acq: 6 Aug 2020 11:29

Instrument :

BNA_F

ClientSampleId :

TILCON-FL-002RE

Tot Ion:136 Resp: 561796

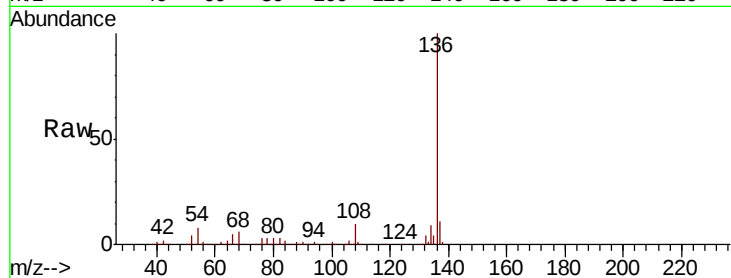
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.6 6.1 9.1

68 5.9 5.0 7.6

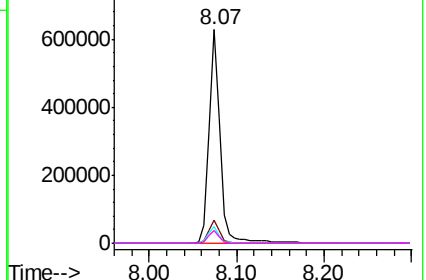
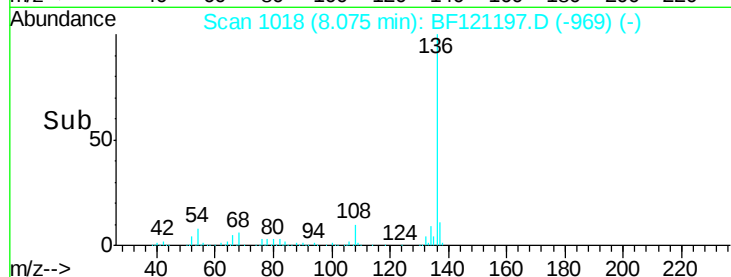


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.905 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121197.D

Acq: 6 Aug 2020 11:29

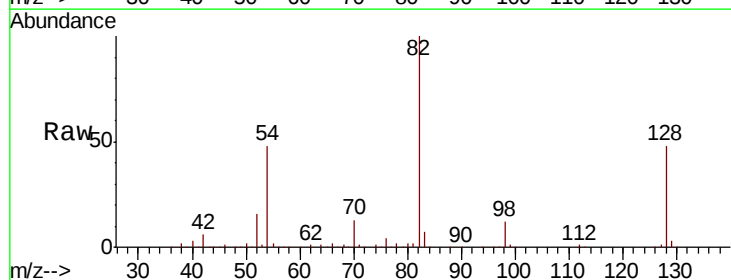
Tgt Ion: 82 Resp: 562199

Ion Ratio Lower Upper

82 100

128 47.8 39.2 58.8

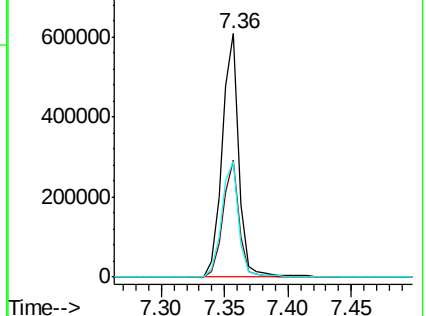
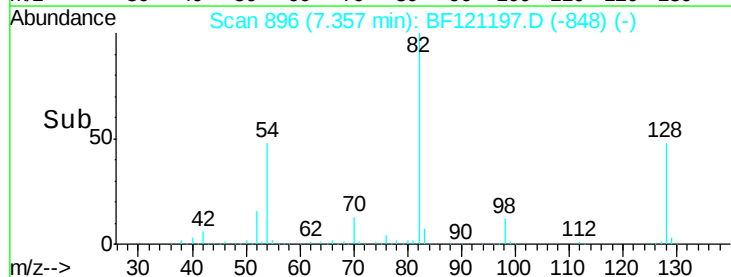
54 47.7 37.8 56.8



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: 28.475 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121197.D

Acq: 6 Aug 2020 11:29

Instrument :

BNA_F

ClientSampleId :

TILCON-FL-002RE

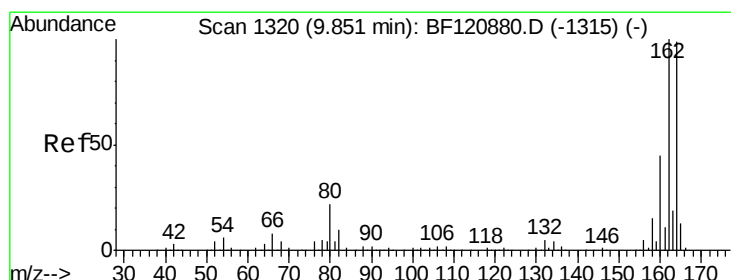
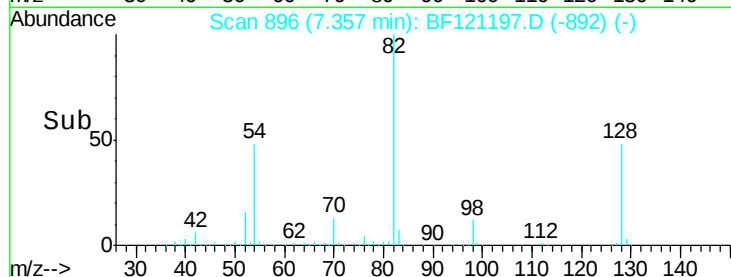
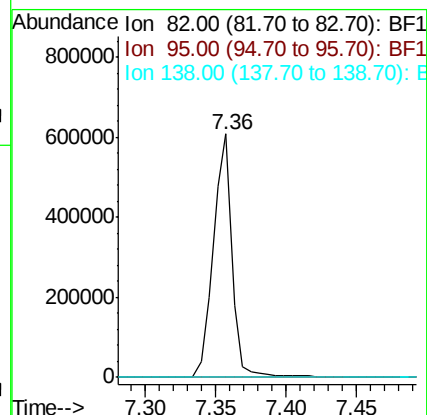
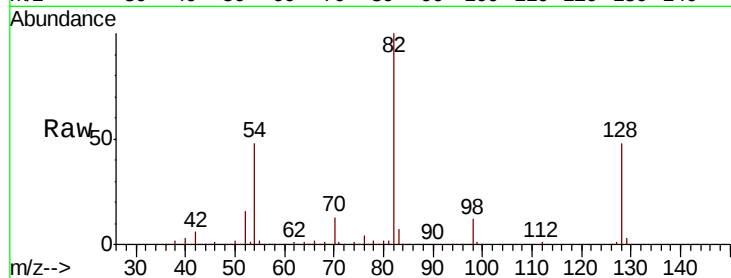
Tot Ion: 82 Resp: 551755

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: BF121197.D

Acq: 6 Aug 2020 11:29

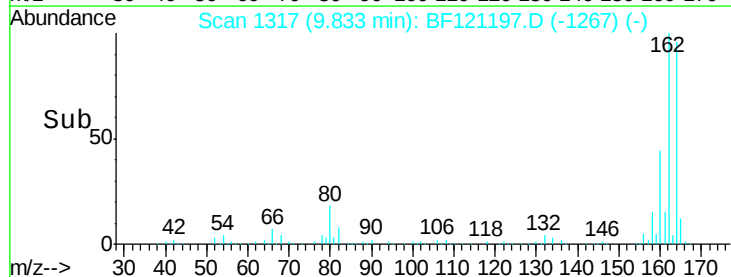
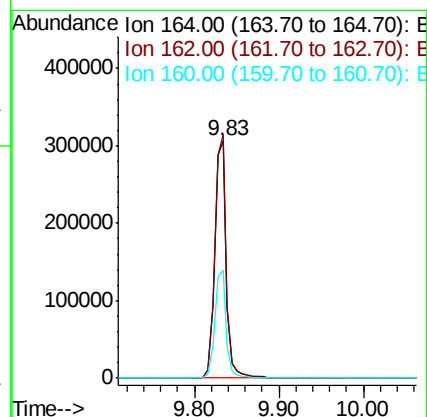
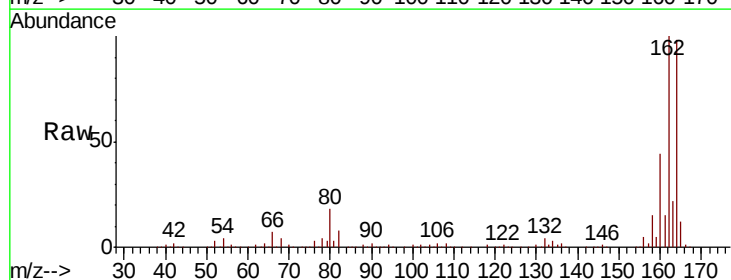
Tgt Ion: 164 Resp: 295469

Ion Ratio Lower Upper

164 100

162 102.5 82.2 123.2

160 45.3 37.2 55.8

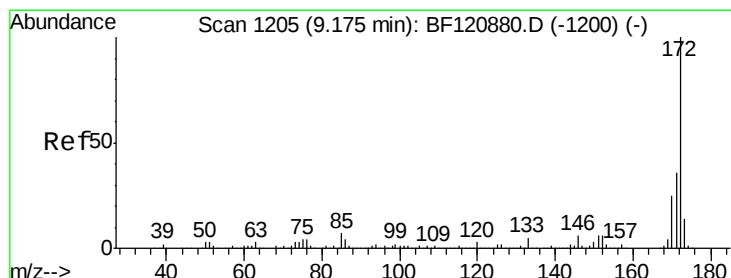
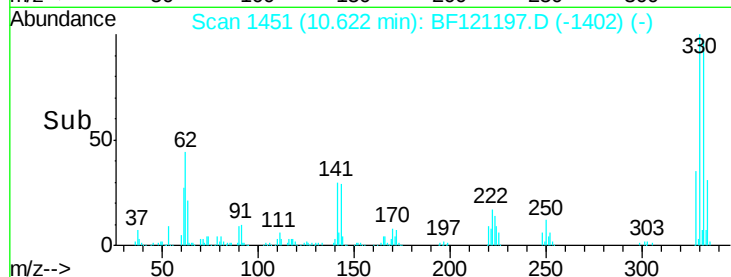
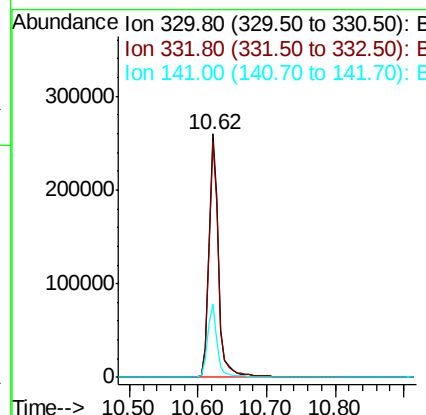
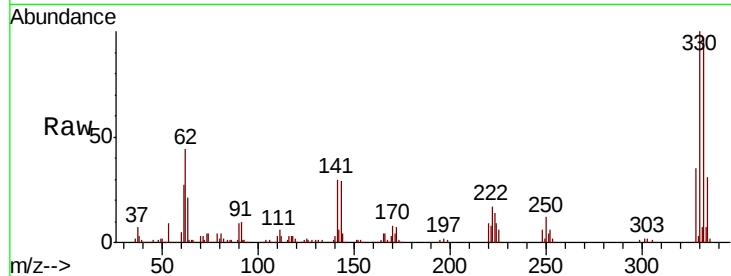




#42
 2,4,6-Tribromophenol
 Concen: 81.980 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121197.D
 Acq: 6 Aug 2020 11:29

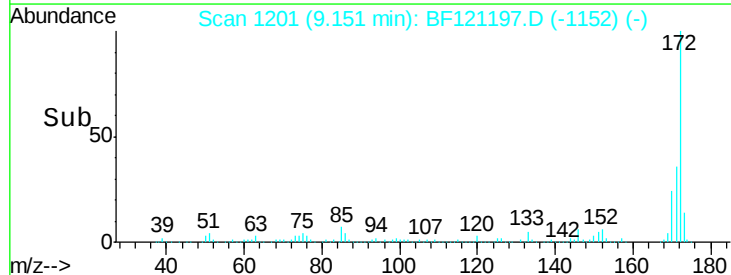
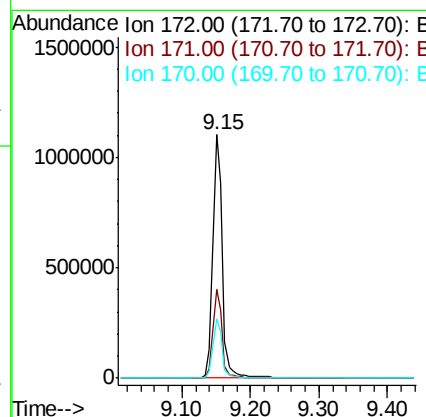
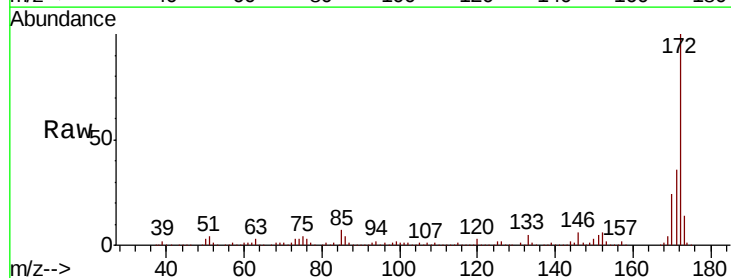
Instrument :
 BNA_F
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 TILCON-FL-002RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	30.4	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 55.434 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121197.D
 Acq: 6 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.3	19.6	29.4

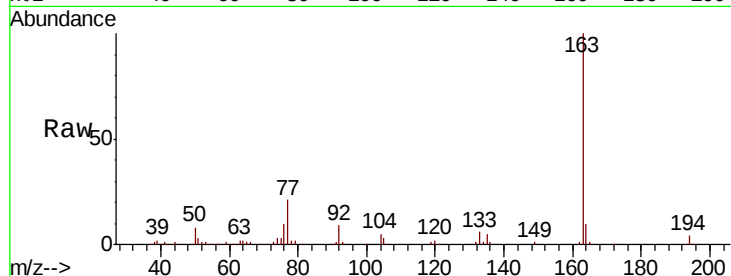




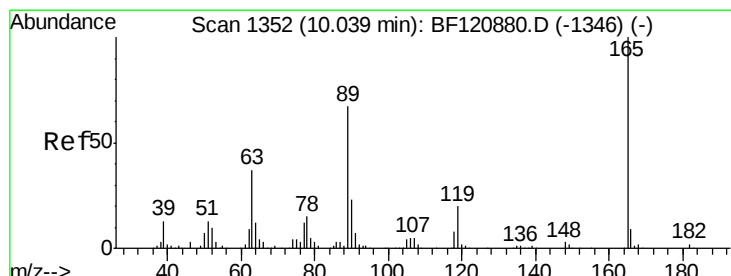
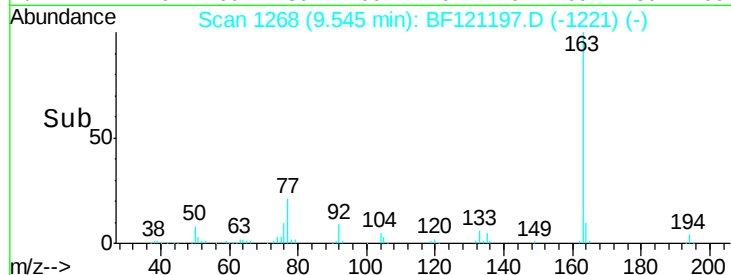
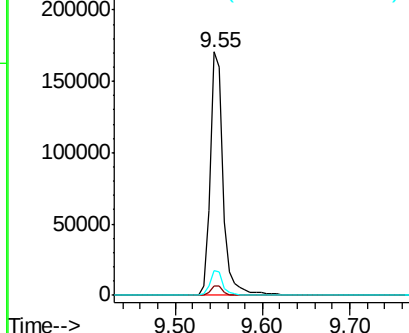
#50
Dimethylphthalate
Concen: 8.228 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF121197.D
Acq: 6 Aug 2020 11:29

Instrument :
BNA_F
ClientSampleId :
TILCON-FL-002RE

Tot Ion:163 Resp: 175389
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.4 12.6

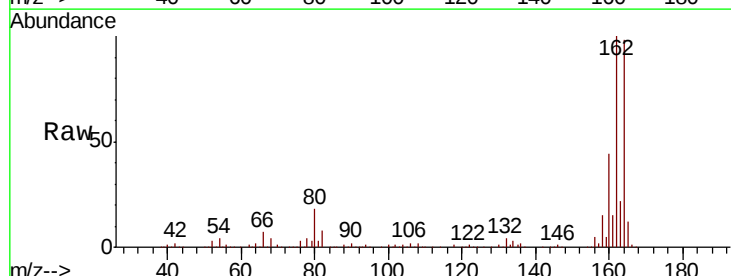


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

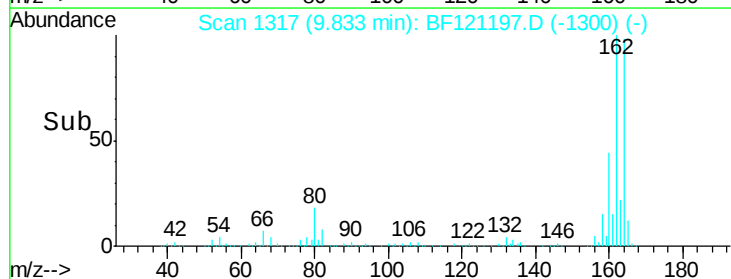
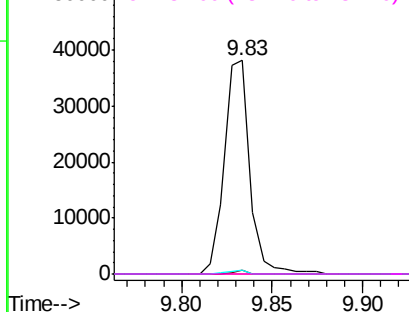


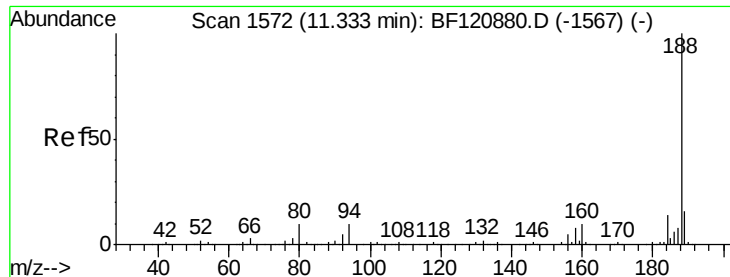
#57
2,4-Dinitrotoluene
Concen: 6.236 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121197.D
Acq: 6 Aug 2020 11:29

Tgt Ion:165 Resp: 37505
Ion Ratio Lower Upper
165 100
63 1.6 29.8 44.8#
89 1.7 50.3 75.5#
182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF121197.D

Acq: 6 Aug 2020 11:29

Instrument :

BNA_F

ClientSampleId :

TILCON-FL-002RE

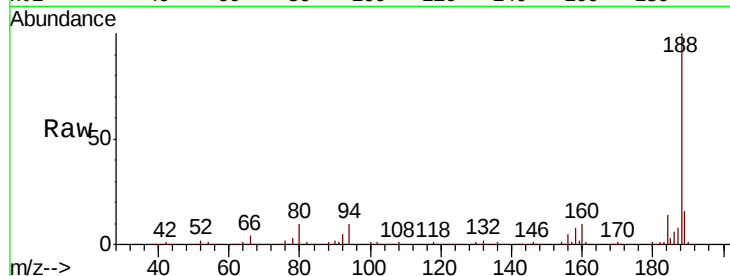
Tot Ion:188 Resp: 583369

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

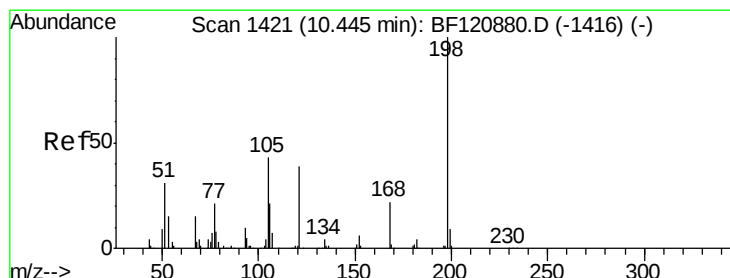
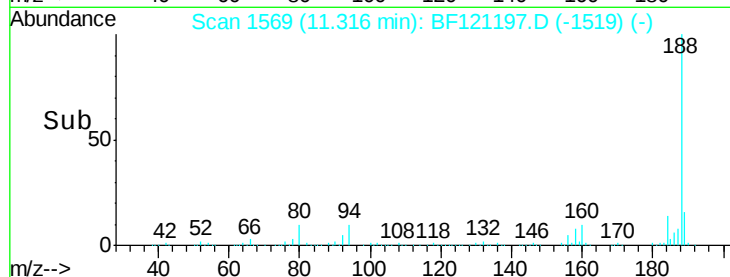
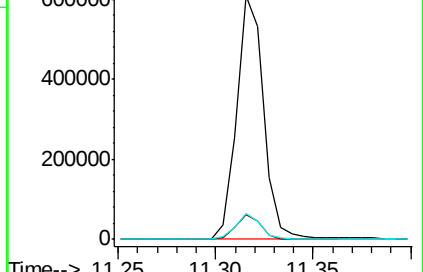
80 10.5 8.3 12.5



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: 3.998 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.18 min

Lab File: BF121197.D

Acq: 6 Aug 2020 11:29

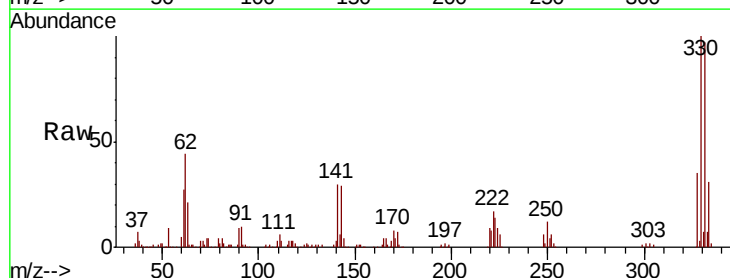
Tgt Ion:198 Resp: 570

Ion Ratio Lower Upper

198 100

51 130.5 23.4 63.4#

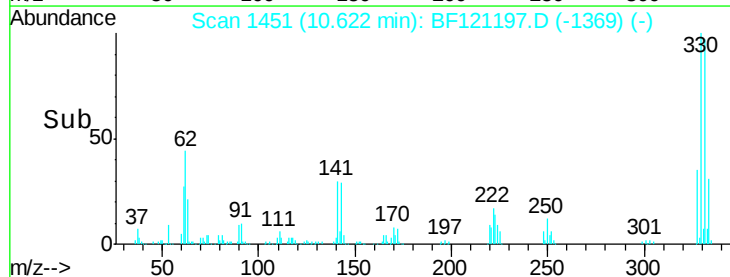
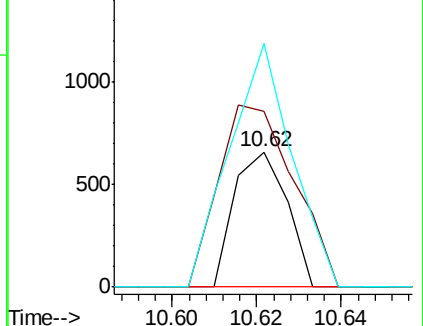
105 180.4 23.7 63.7#

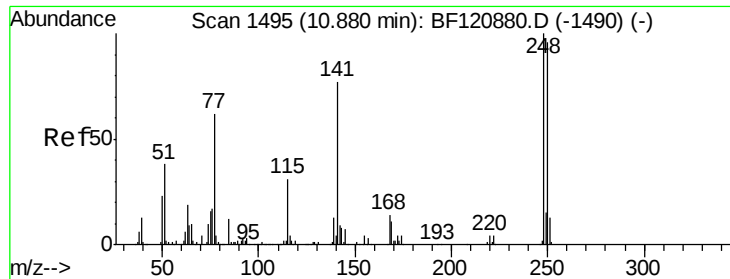


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

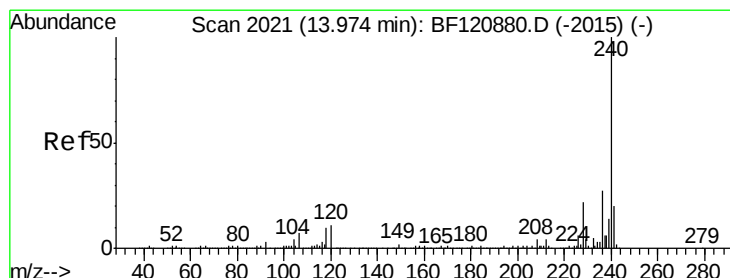
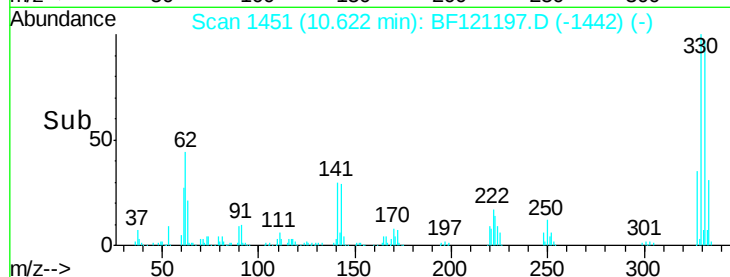
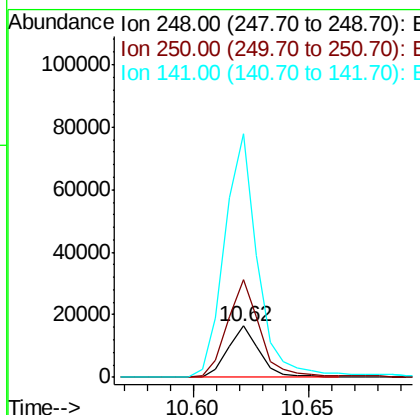
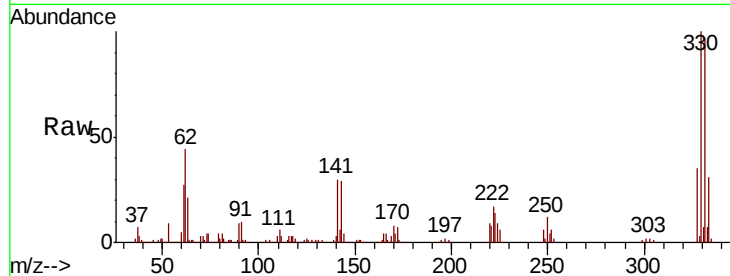




#67
 4-Bromophenyl-phenylether
 Concen: 2.400 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF121197.D
 Acq: 6 Aug 2020 11:29

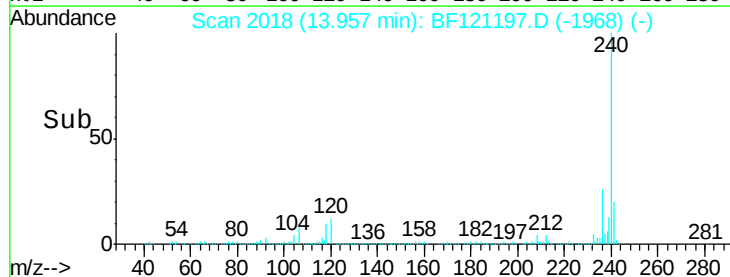
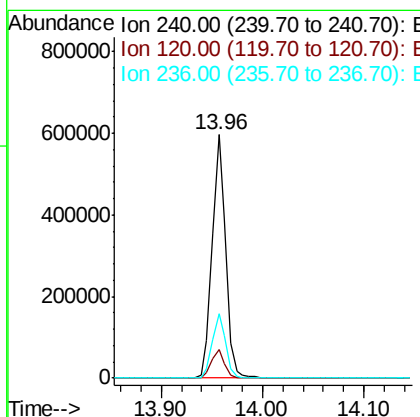
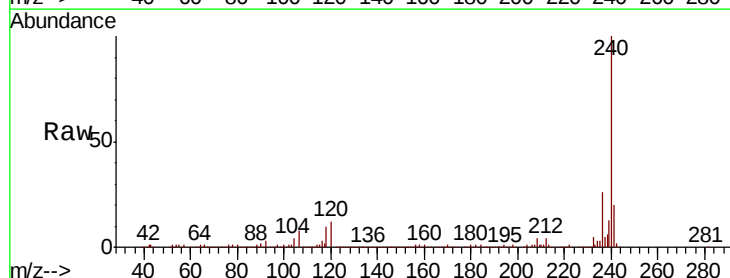
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002RE

Tot Ion:248 Resp: 15609
 Ion Ratio Lower Upper
 248 100
 250 192.6 77.0 115.6#
 141 477.4 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: BF121197.D
 Acq: 6 Aug 2020 11:29

Tgt Ion:240 Resp: 555938
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.3 13.9
 236 26.3 21.1 31.7





#79

Terphenyl-d14

Concen: 47.917 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF121197.D

Acq: 6 Aug 2020 11:29

Instrument :

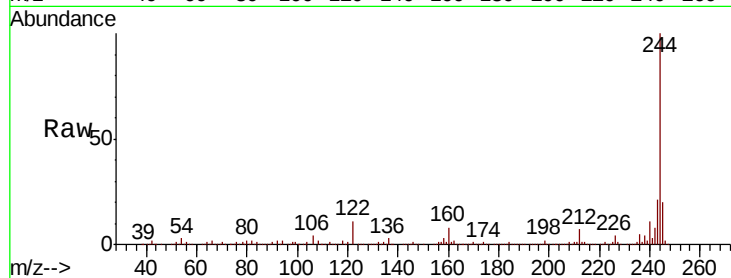
BNA_F

ClientSampleId :

TILCON-FL-002RE

Tot Ion:244 Resp: 1225457

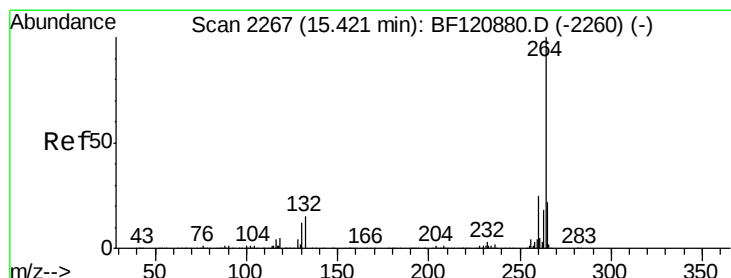
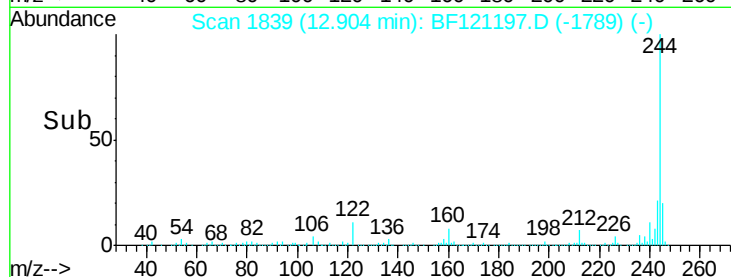
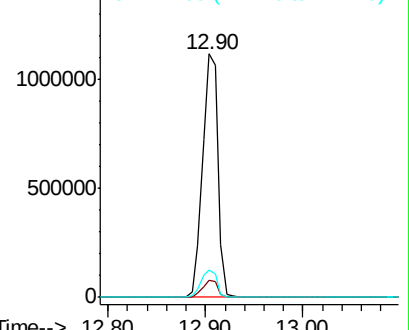
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.4	8.3	12.5



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: 20.000 ng

RT: 15.41 min Scan# 2265

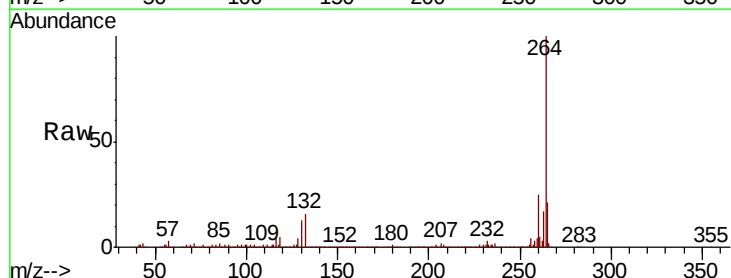
Delta R.T. 0.01 min

Lab File: BF121197.D

Acq: 6 Aug 2020 11:29

Tgt Ion:264 Resp: 562833

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	20.9	17.8	26.8



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

