

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
 Data File : BF121189.D
 Acq On : 5 Aug 2020 12:43
 Operator : JU/CG
 Sample : L3525-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002RE

Quant Time: Aug 05 13:21:32 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

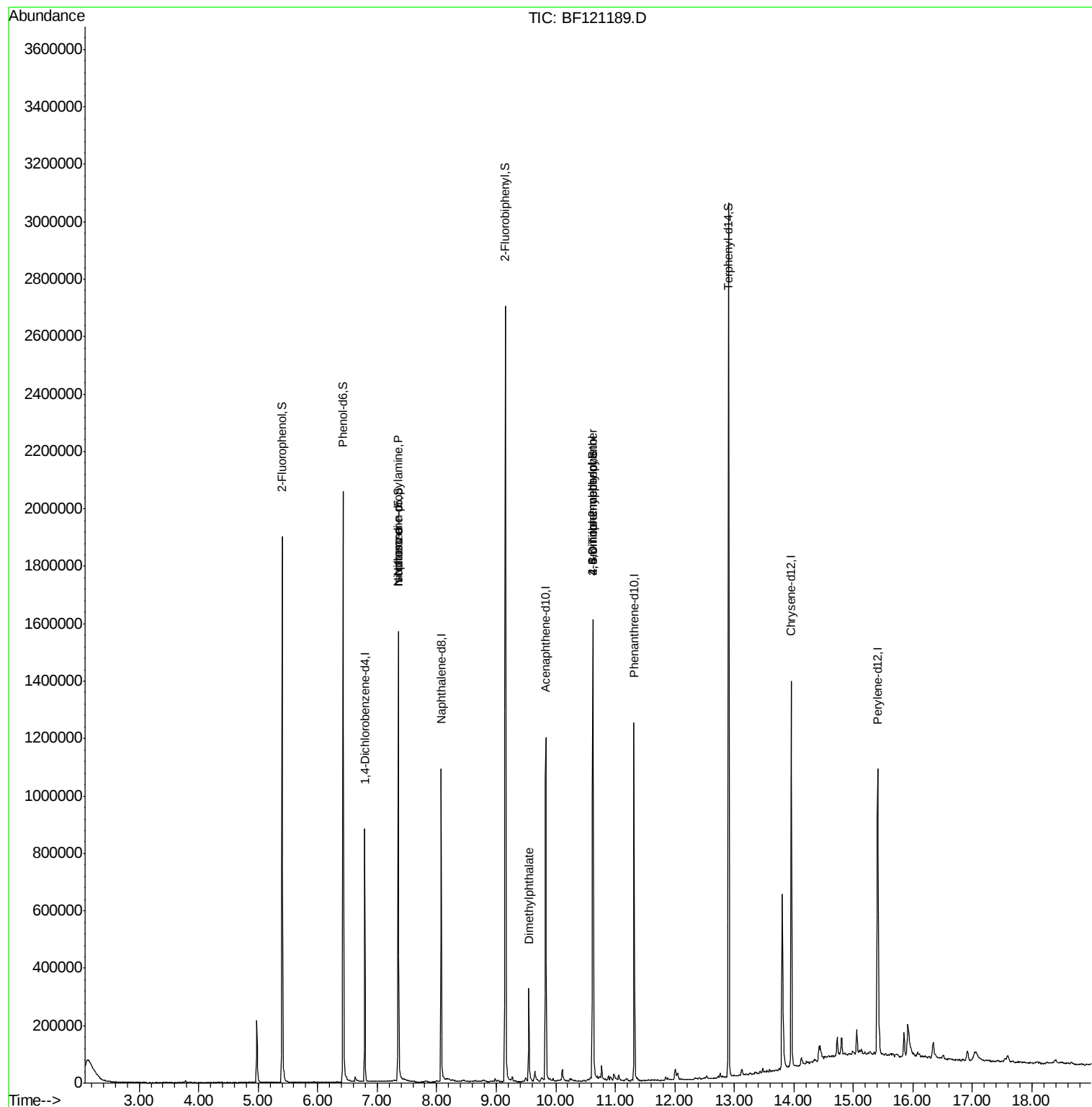
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	126361	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	494127	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	256856	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	502792	20.00	ng	0.00
76) Chrysene-d12	13.96	240	470650	20.00	ng	0.00
86) Perylene-d12	15.41	264	481228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	591027	76.68	ng	-0.01
7) Phenol-d6	6.43	99	742946	74.62	ng	-0.02
23) Nitrobenzene-d5	7.36	82	494191	57.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	233396	83.01	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	964363	56.06	ng	-0.01
79) Terphenyl-d14	12.90	244	1062852	49.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	882	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	65441	11.558 ng	#	1
25) Isophorone	7.36	82	485679	28.497 ng	#	78
50) Dimethylphthalate	9.55	163	148044	7.989 ng	#	62
65) 4,6-Dinitro-2-methylphenol	10.62	198	311	3.941 ng	#	100
67) 4-Bromophenyl-phenylether	10.62	248	13461	2.401 ng	#	1

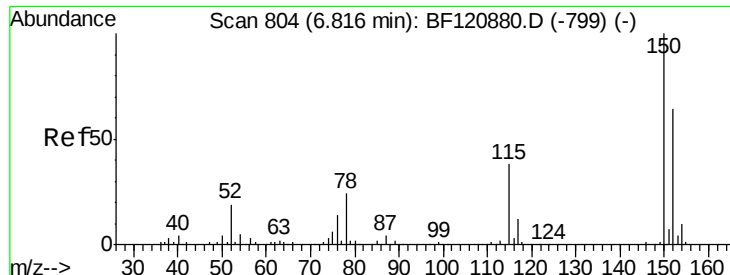
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF121189.D

Acq: 5 Aug 2020 12:43

Instrument :

BNA_F

ClientSampleId :

TILCON-FL-002RE

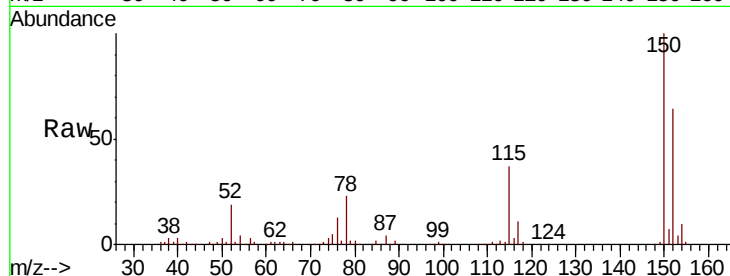
Tot Ion:152 Resp: 126361

Ion Ratio Lower Upper

152 100

150 156.6 125.6 188.4

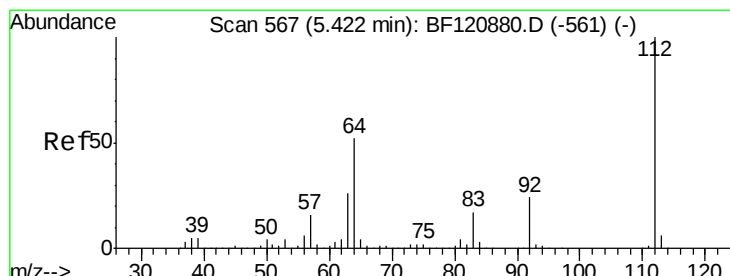
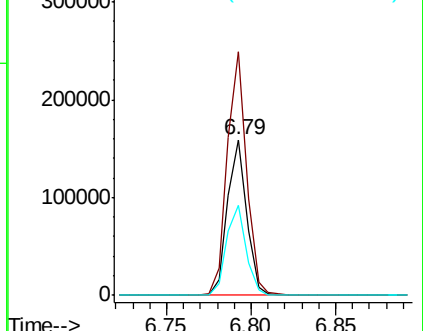
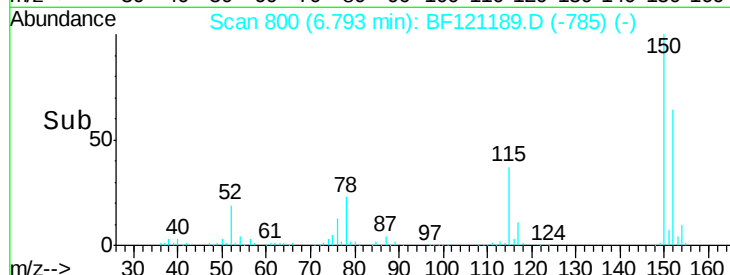
115 57.7 46.2 69.2



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: 76.677 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF121189.D

Acq: 5 Aug 2020 12:43

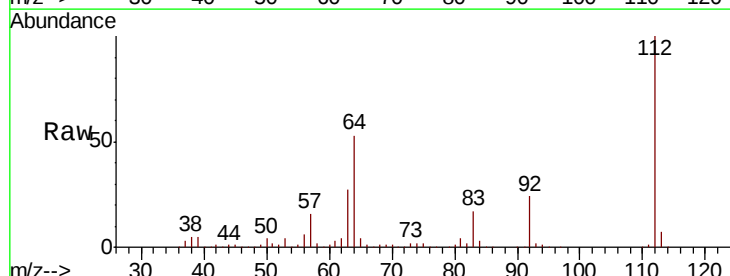
Tgt Ion:112 Resp: 591027

Ion Ratio Lower Upper

112 100

64 53.0 43.9 65.9

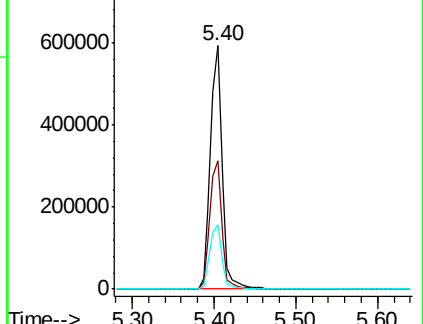
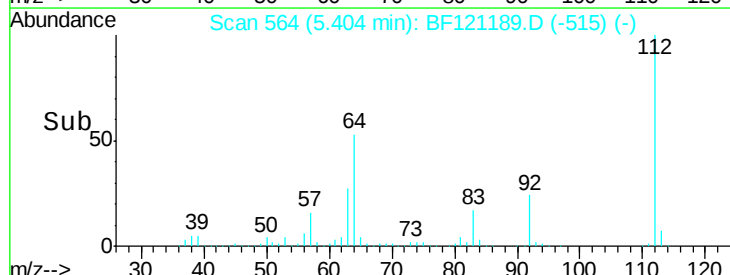
63 26.7 22.7 34.1

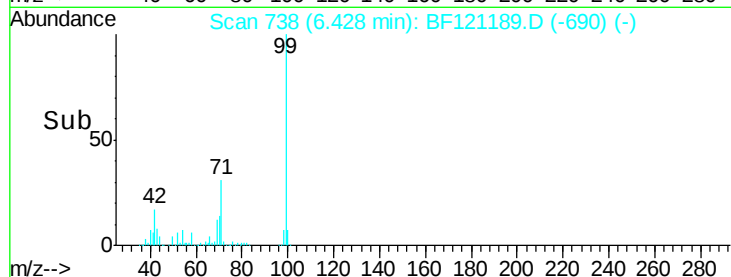
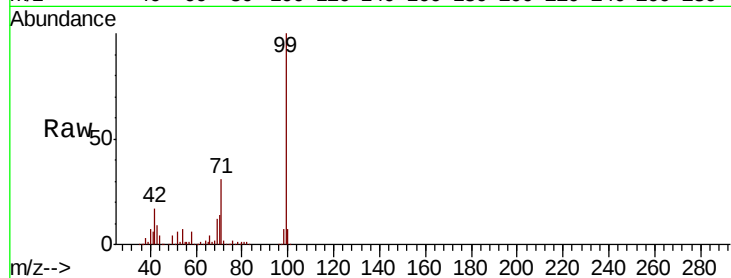
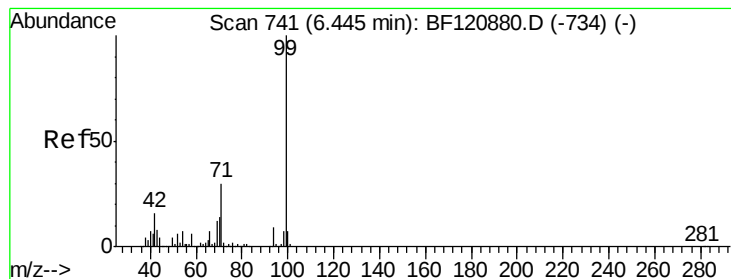


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 74.617 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121189.D

Acq: 5 Aug 2020 12:43

Instrument :

BNA_F

ClientSampleId :

TILCON-FL-002RE

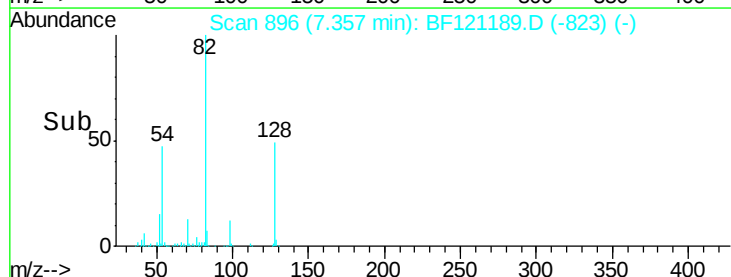
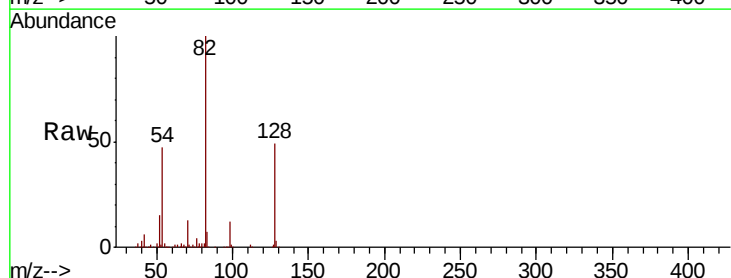
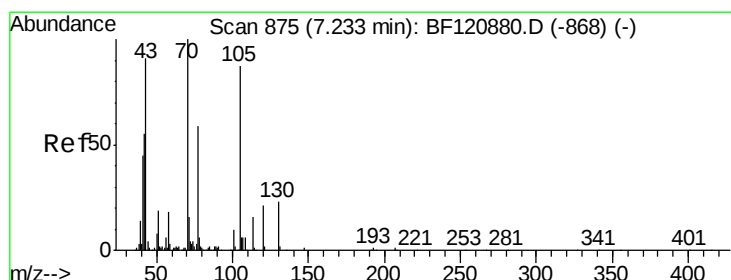
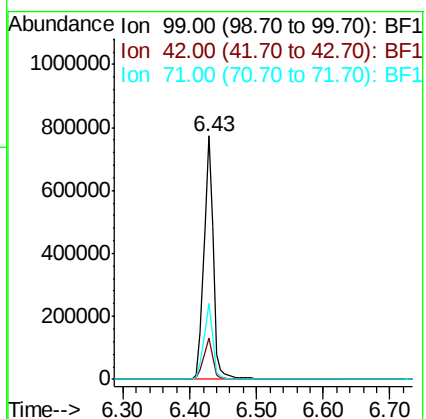
Tot Ion: 99 Resp: 742946

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

71 31.4 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.558 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121189.D

Acq: 5 Aug 2020 12:43

Tgt Ion: 70 Resp: 65441

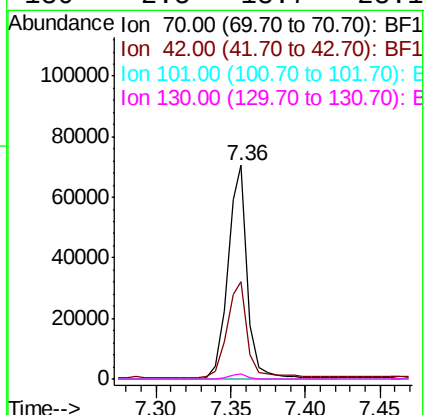
Ion Ratio Lower Upper

70 100

42 45.7 43.3 64.9

101 0.0 8.4 12.6#

130 2.5 18.7 28.1#

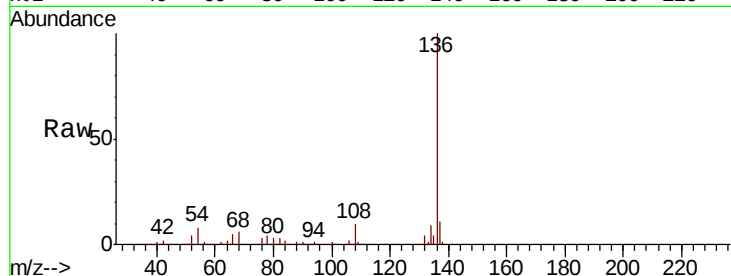




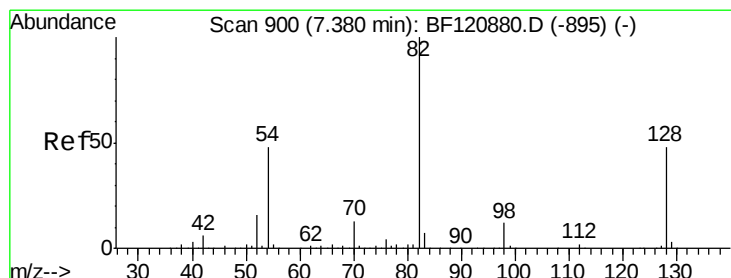
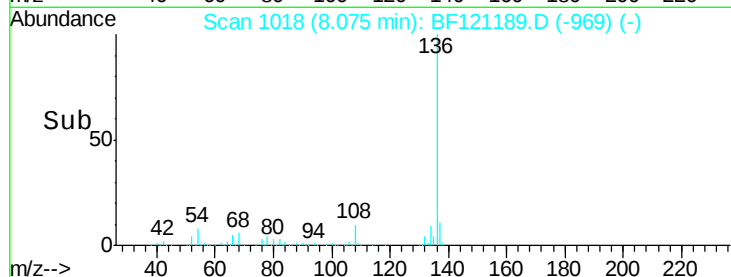
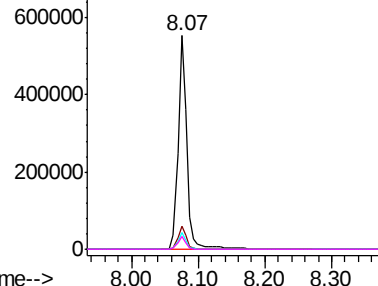
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121189.D
Acq: 5 Aug 2020 12:43

Instrument :
BNA_F
ClientSampleId :
TILCON-FL-002RE

Tot Ion:136	Resp:	494127
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	7.5	6.1 9.1
68	6.0	5.0 7.6

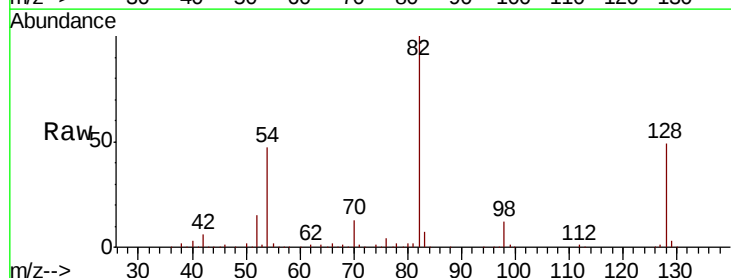


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

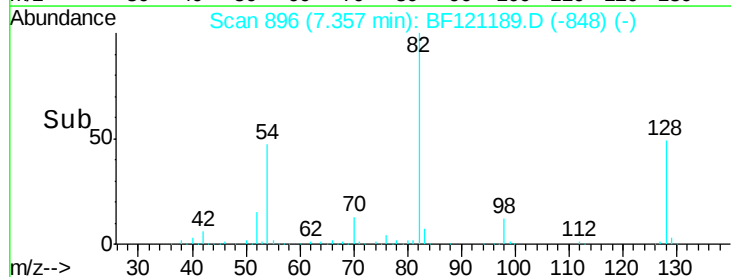
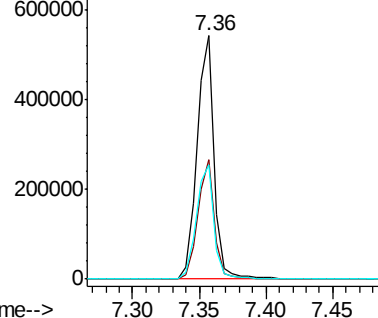


#23
Nitrobenzene-d5
Concen: 57.871 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121189.D
Acq: 5 Aug 2020 12:43

Tgt Ion: 82	Resp:	494191
Ion Ratio	Lower	Upper
82	100	
128	49.2	39.2 58.8
54	47.2	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: 28.497 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121189.D

Acq: 5 Aug 2020 12:43

Instrument :

BNA_F

ClientSampleId :

TILCON-FL-002RE

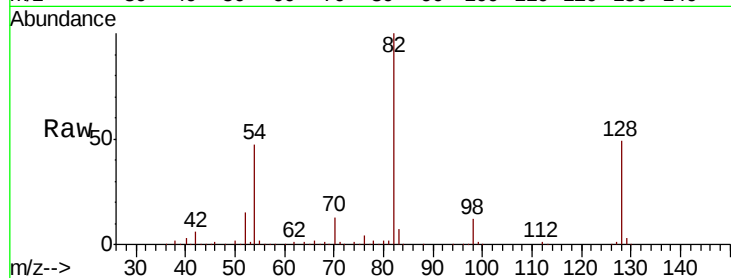
Tot Ion: 82 Resp: 485679

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

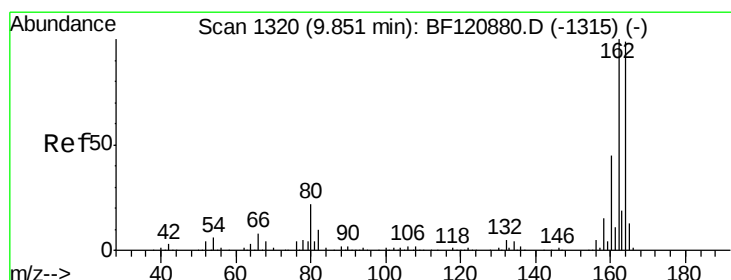
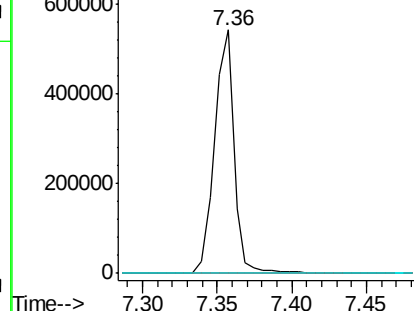
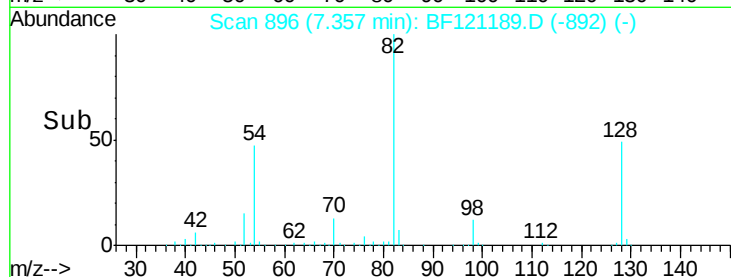
138 0.0 16.2 24.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121189.D

Acq: 5 Aug 2020 12:43

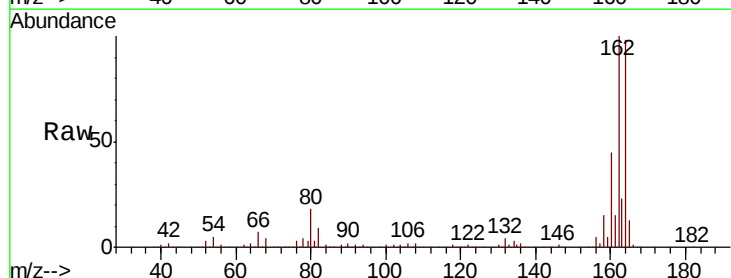
Tgt Ion: 164 Resp: 256856

Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.2

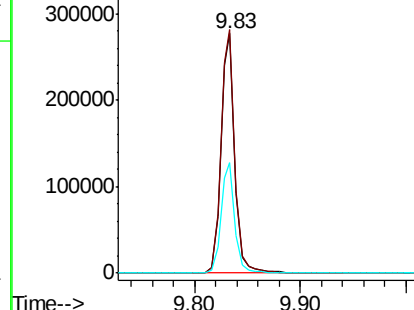
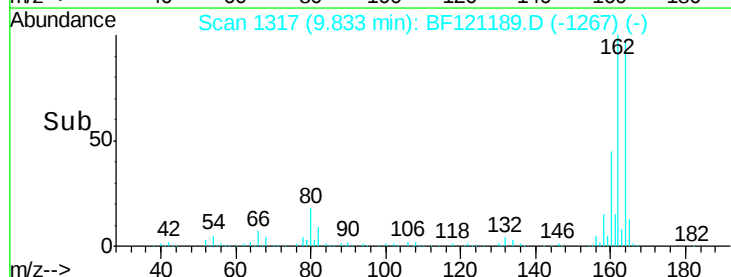
160 45.9 37.2 55.8

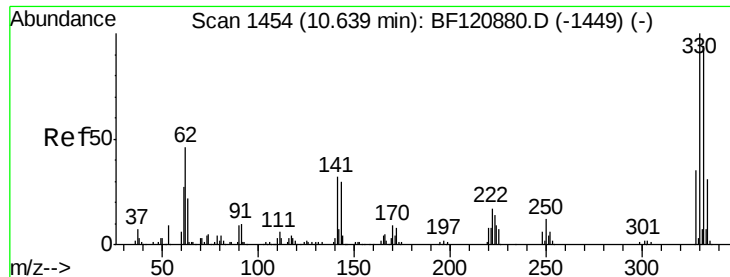


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

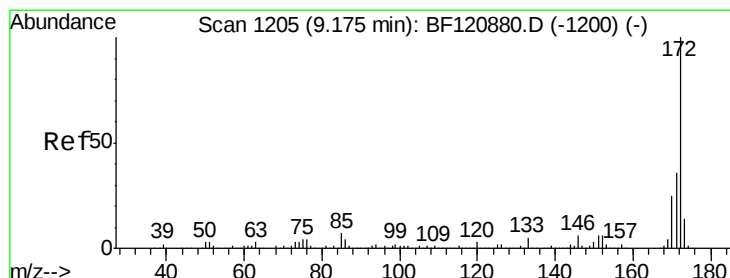
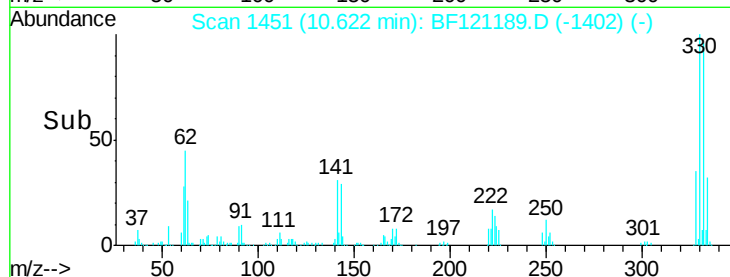
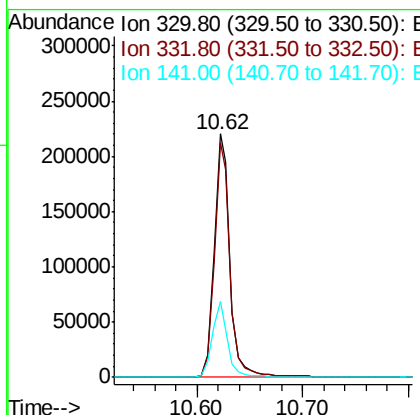
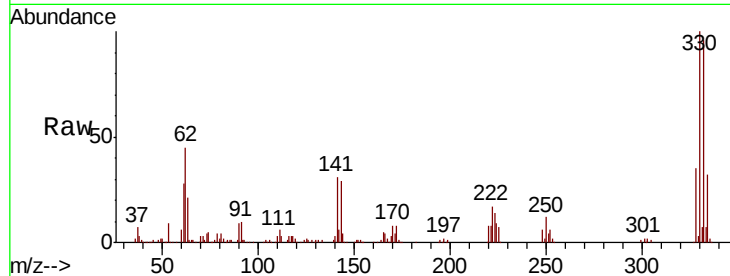




#42
 2,4,6-Tribromophenol
 Concen: 83.013 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121189.D
 Acq: 5 Aug 2020 12:43

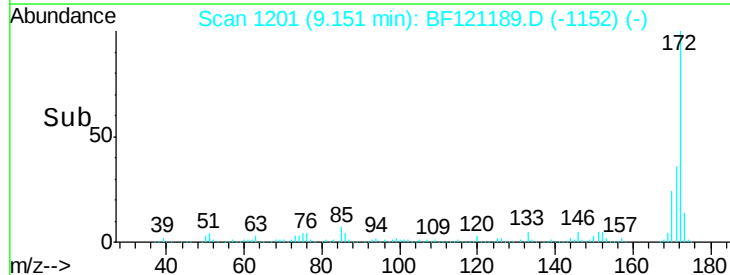
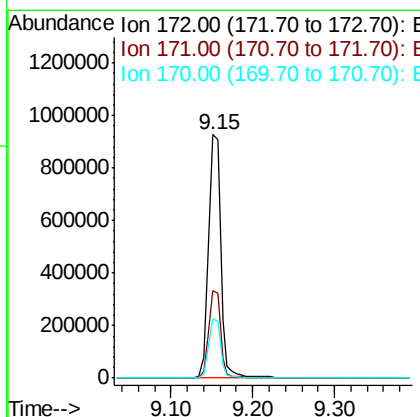
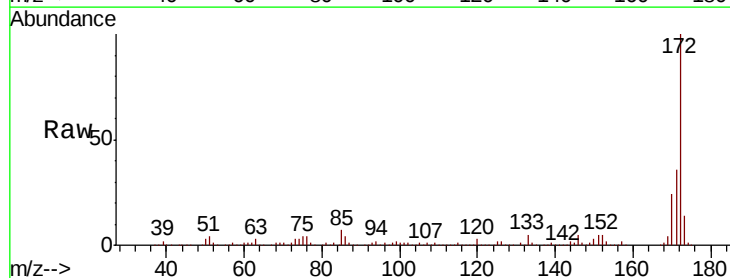
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002RE

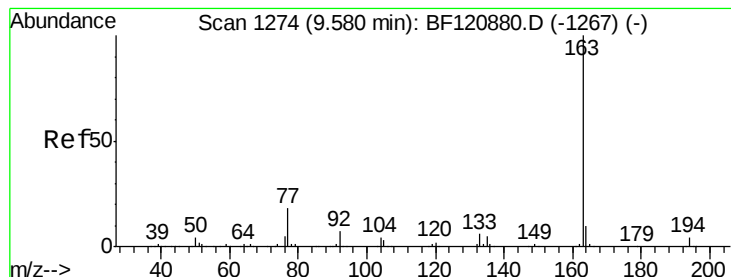
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.1	114.1
141	30.4	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 56.056 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121189.D
 Acq: 5 Aug 2020 12:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.4	19.6	29.4





#50

Dimethylphthalate

Concen: 7.989 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF121189.D

Acq: 5 Aug 2020 12:43

Instrument :

BNA_F

ClientSampleId :

TILCON-FL-002RE

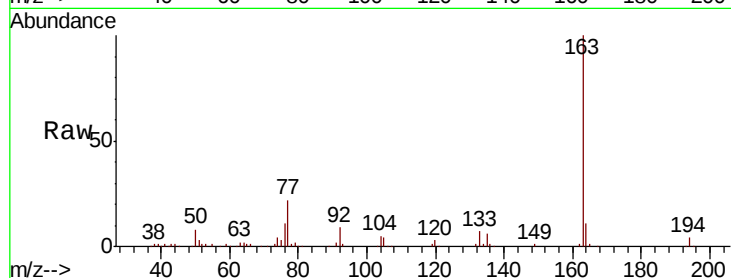
Tot Ion:163 Resp: 148044

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

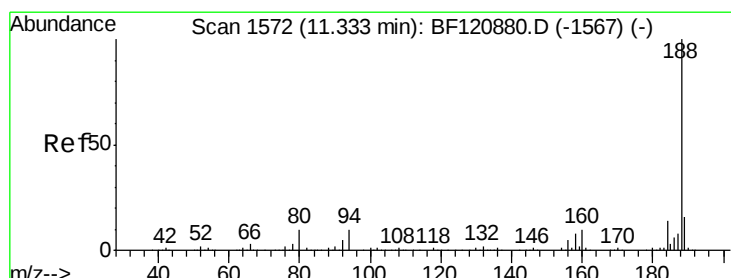
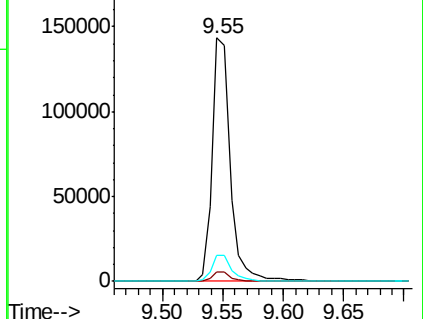
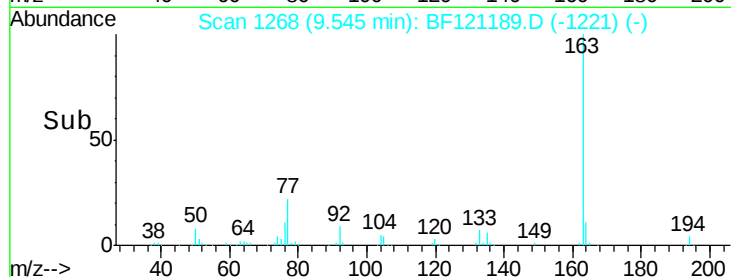
164 10.5 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF121189.D

Acq: 5 Aug 2020 12:43

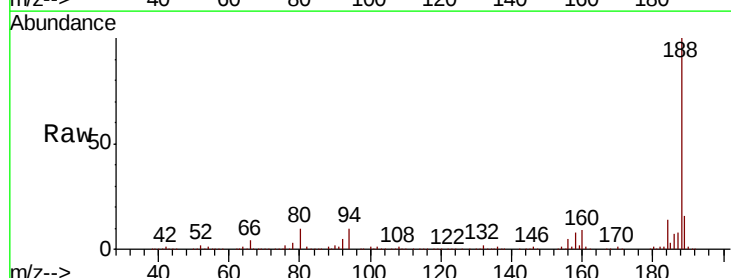
Tgt Ion:188 Resp: 502792

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

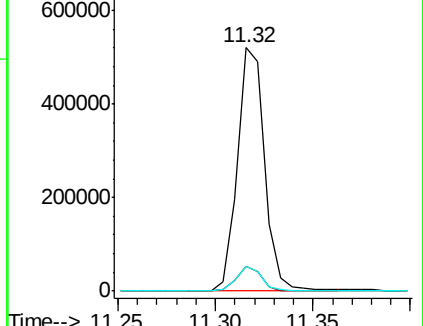
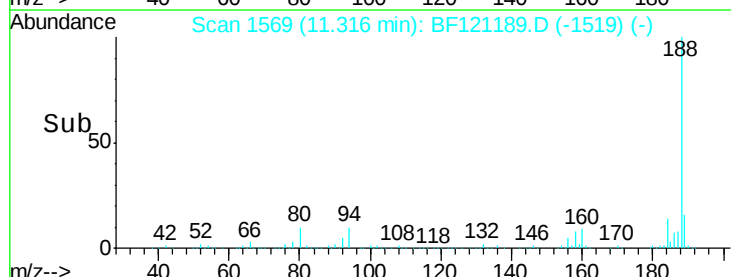
80 10.3 8.3 12.5

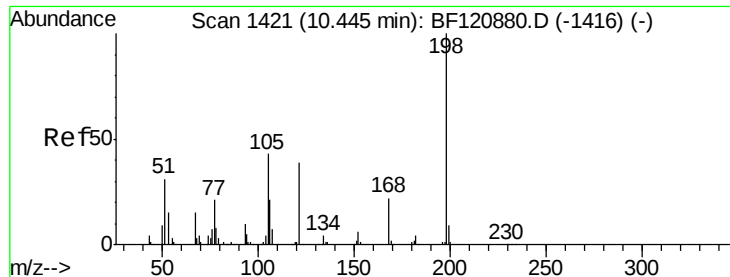


Abundance Ion 188.00 (187.70 to 188.70): E

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: 3.941 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.18 min

Lab File: BF121189.D

Acq: 5 Aug 2020 12:43

Instrument :

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TILCON-FL-002RE

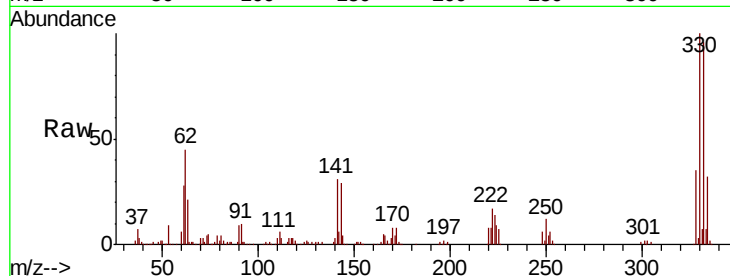
Tot Ion:198 Resp: 311

Ion Ratio Lower Upper

198 100

51 186.5 23.4 63.4#

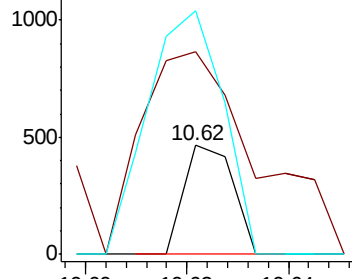
105 223.7 23.7 63.7#



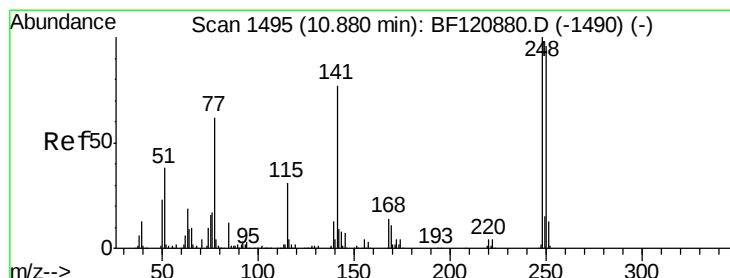
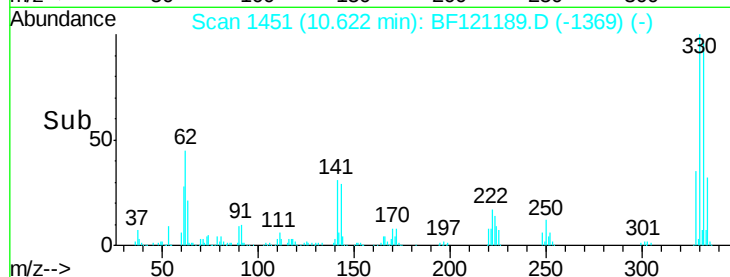
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.401 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF121189.D

Acq: 5 Aug 2020 12:43

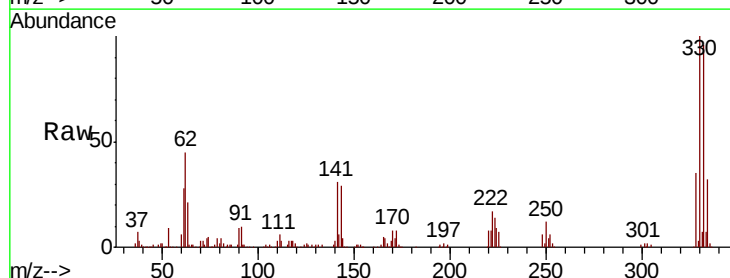
Tgt Ion:248 Resp: 13461

Ion Ratio Lower Upper

248 100

250 194.3 77.0 115.6#

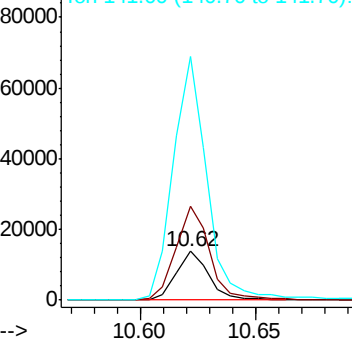
141 501.8 56.6 85.0#



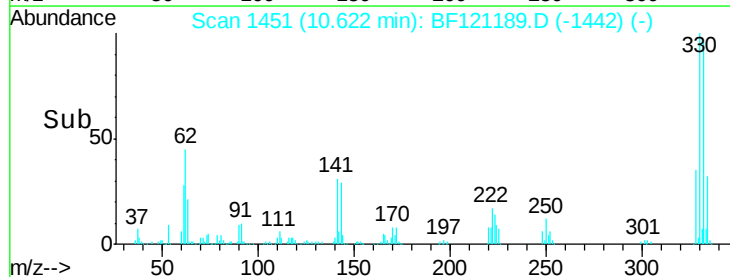
Abundance Ion 248.00 (247.70 to 248.70): E

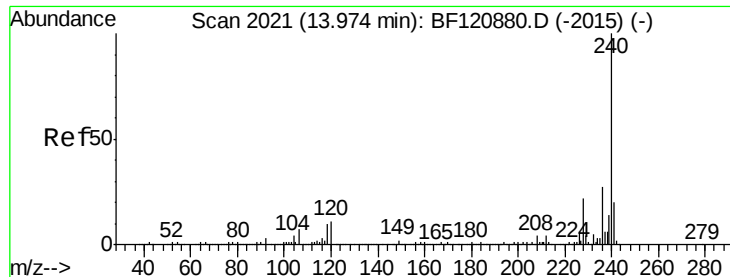
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF121189.D

Acq: 5 Aug 2020 12:43

Instrument :

BNA_F

ClientSampleId :

TILCON-FL-002RE

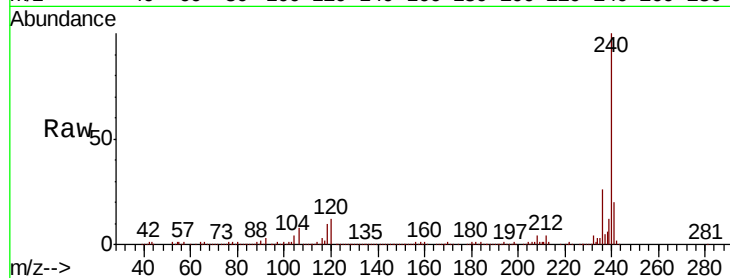
Tot Ion:240 Resp: 470650

Ion Ratio Lower Upper

240 100

120 11.9 9.3 13.9

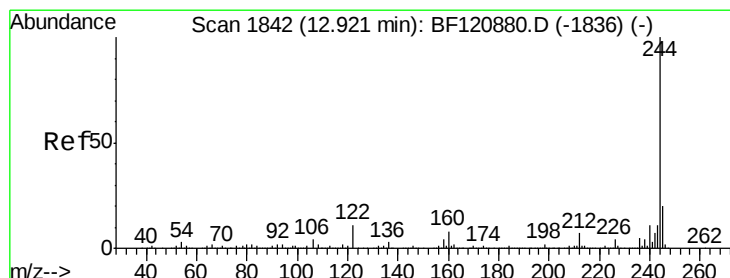
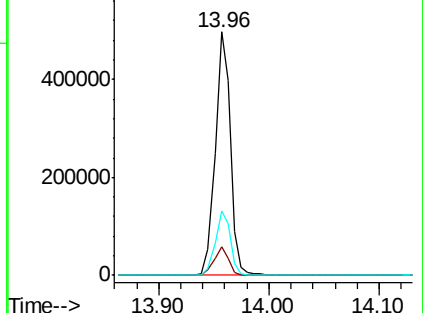
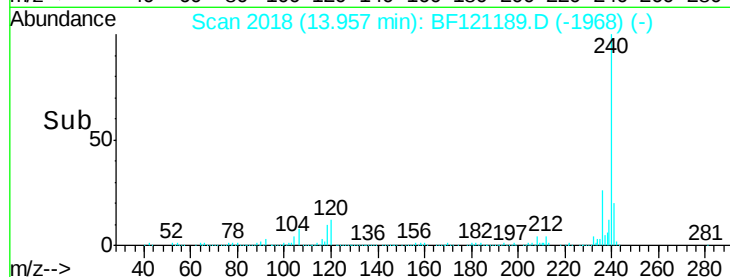
236 26.3 21.1 31.7



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



#79

Terphenyl-d14

Concen: 49.090 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF121189.D

Acq: 5 Aug 2020 12:43

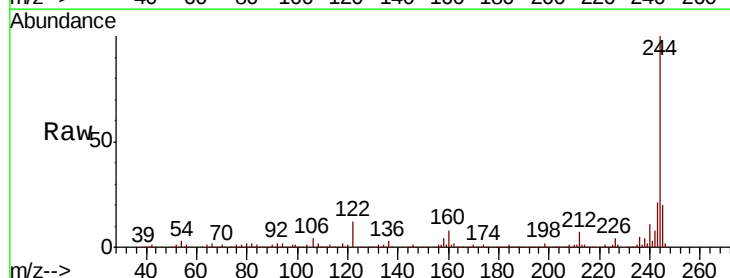
Tgt Ion:244 Resp: 1062852

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

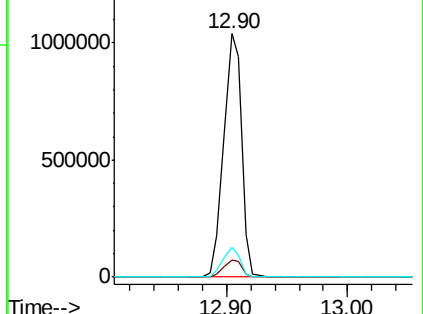
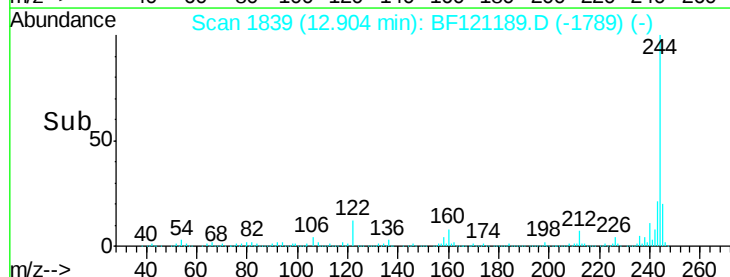
122 12.0 8.3 12.5

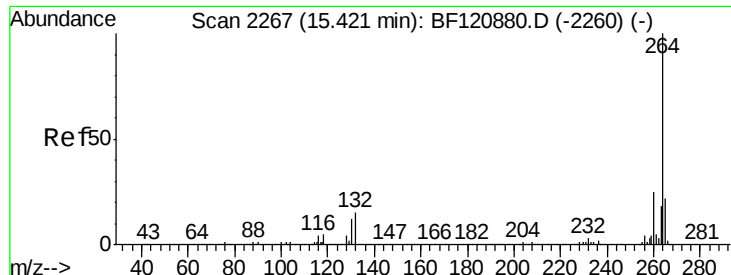


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF121189.D
 Acq: 5 Aug 2020 12:43

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002RE

Tot Ion:	264	Resp:	481228
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.9	29.9
265	21.5	17.8	26.8

