

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

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002RE

Quant Time: Aug 06 12:07:04 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

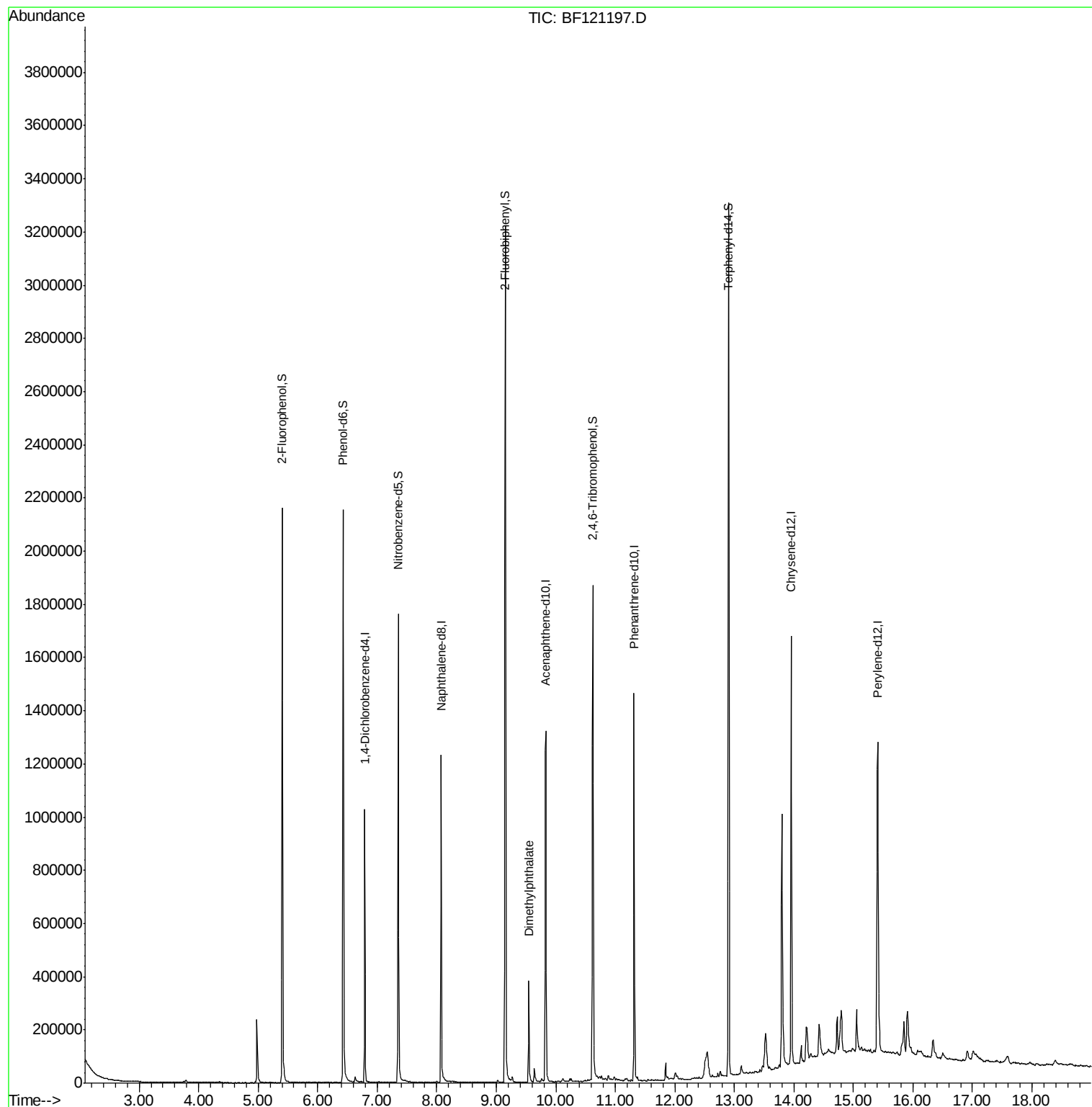
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	144084	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	561796	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	295469	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	583369	20.00	ng	0.00
76) Chrysene-d12	13.96	240	555938	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						
50) Dimethylphthalate	9.55	163	175389	8.228	ng	Qvalue 99

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

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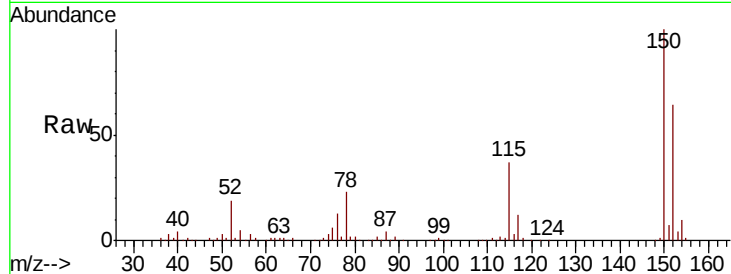


#1

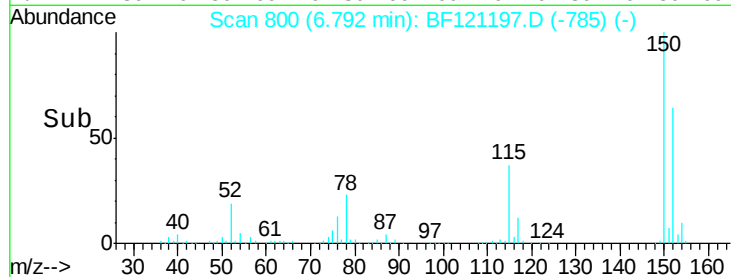
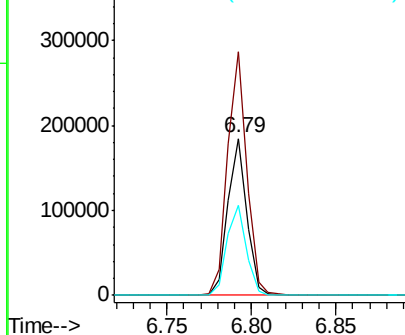
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121197.D
Acq: 6 Aug 2020 11:29

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



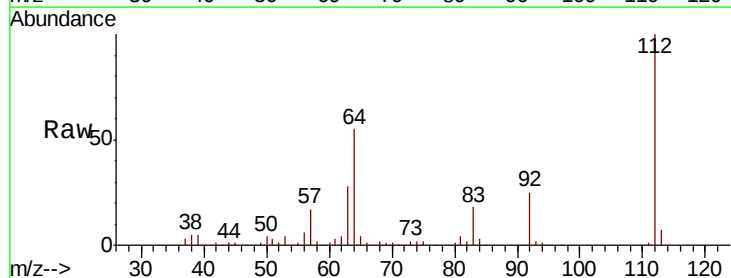
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



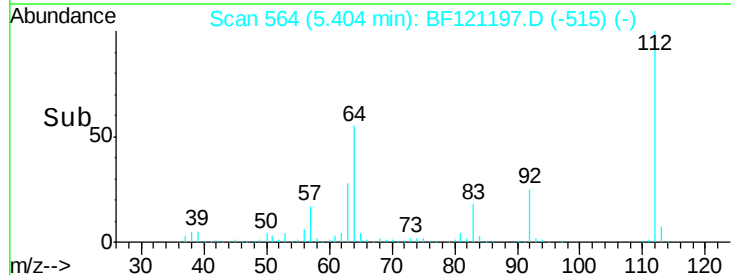
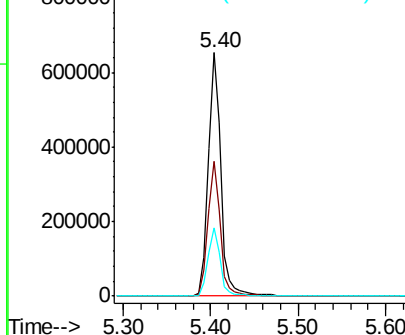
#5

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

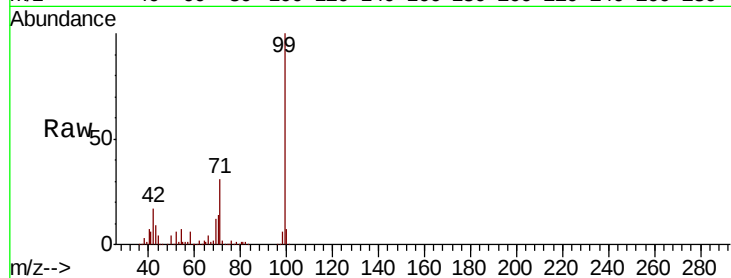
Tot Ion: 99 Resp: 836221

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

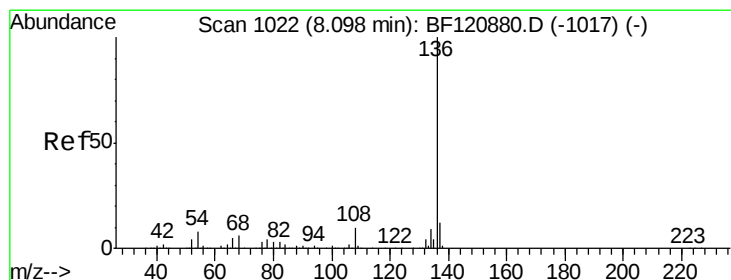
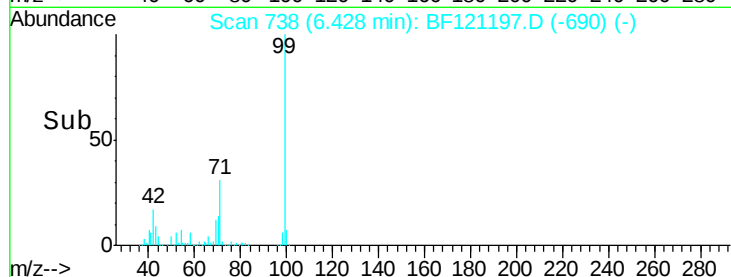
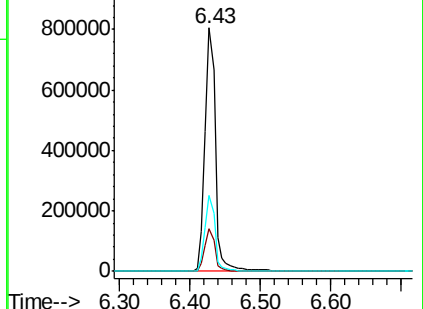
71 31.4 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#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

Tgt Ion: 136 Resp: 561796

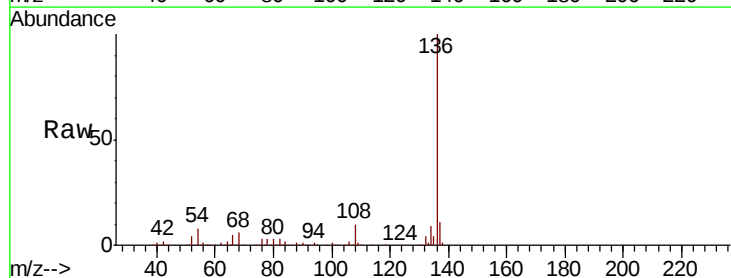
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.6 6.1 9.1

68 5.9 5.0 7.6

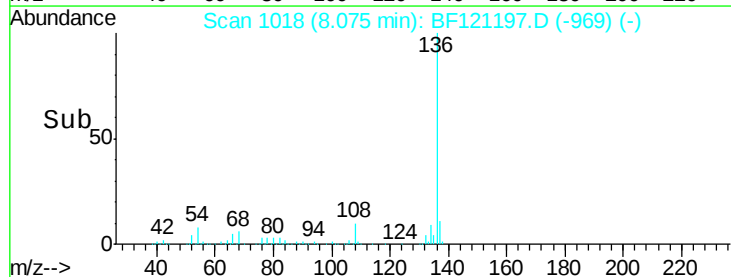
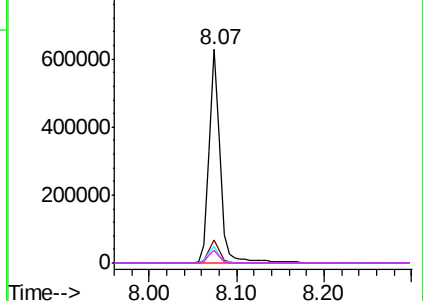


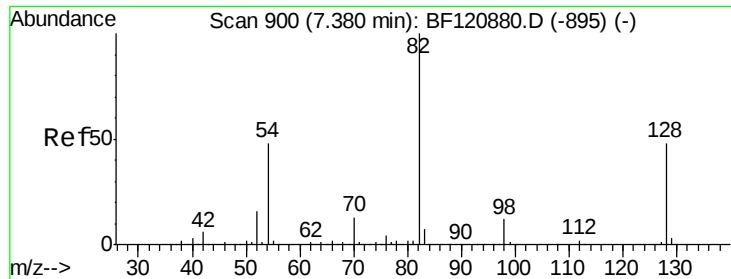
Abundance Ion 136.00 (135.70 to 136.70): E

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

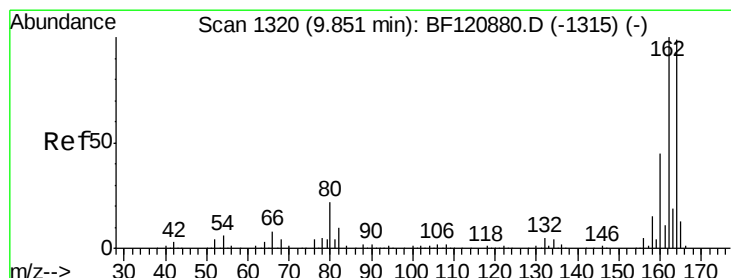
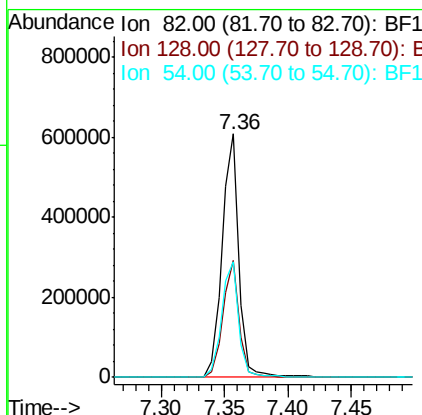
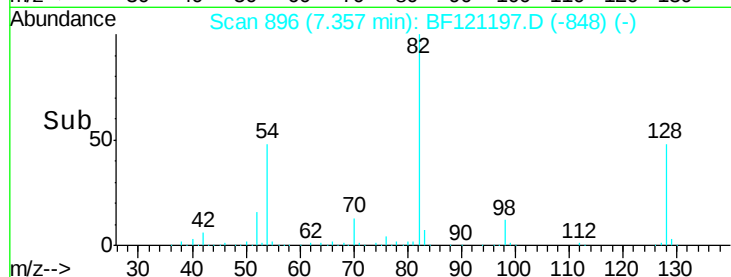
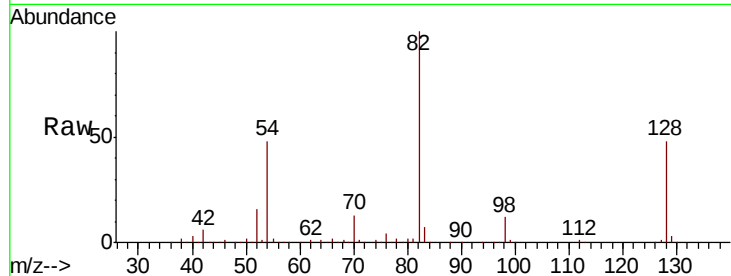




#23
 Nitrobenzene-d5
 Concen: 57.905 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121197.D
 Acq: 6 Aug 2020 11:29

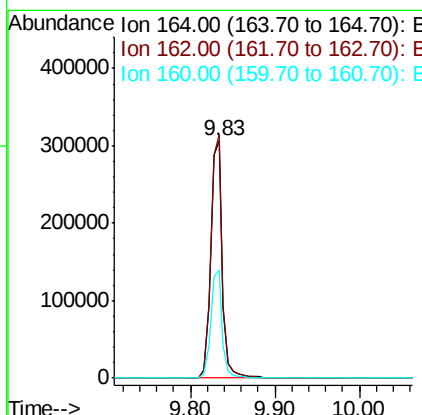
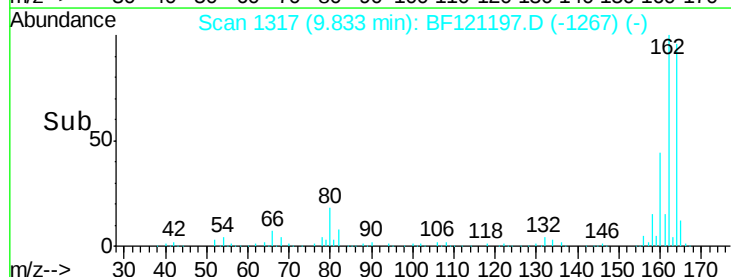
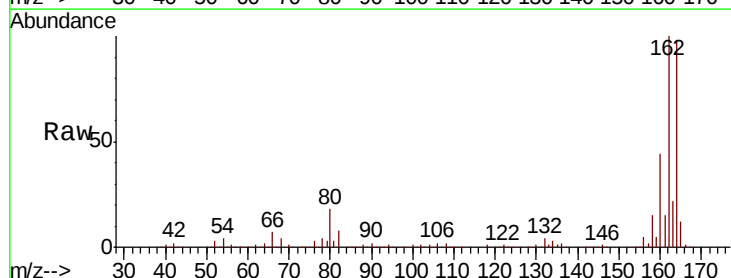
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002RE

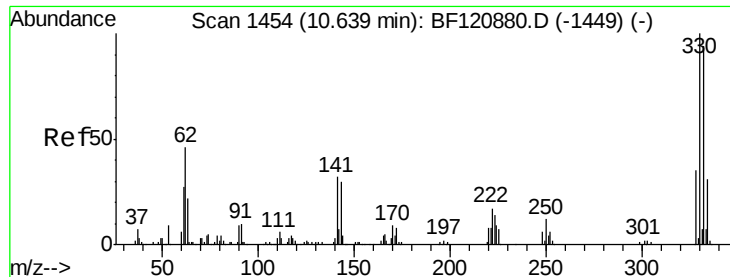
Tot Ion	82	Resp	562199
Ion Ratio	100	Lower	Upper
128	47.8	39.2	58.8
54	47.7	37.8	56.8



#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	100	Lower	Upper
162	102.5	82.2	123.2
160	45.3	37.2	55.8

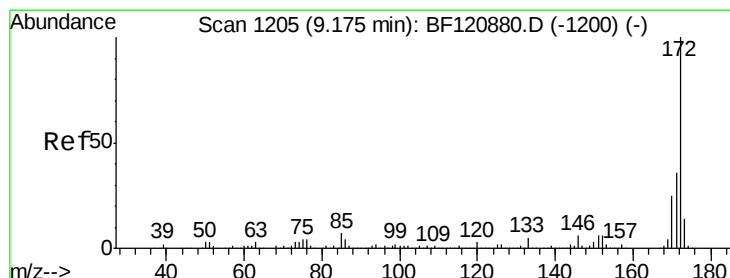
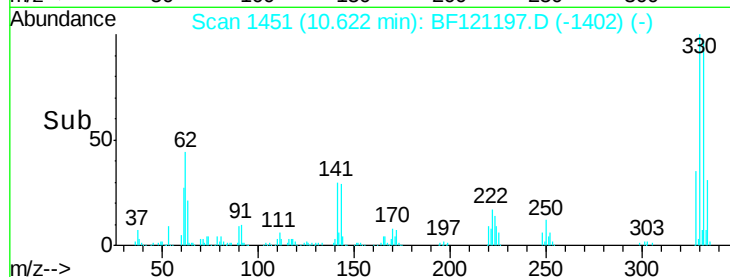
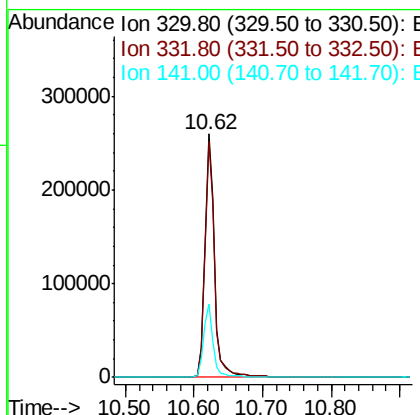
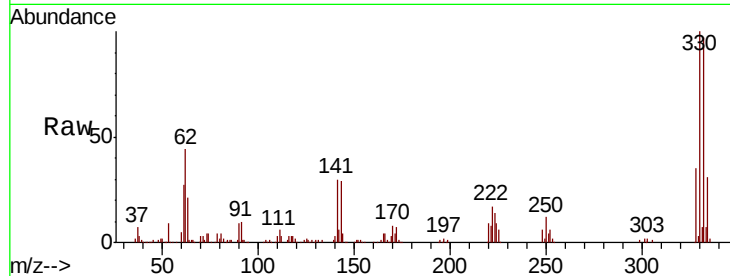




#42
 2,4,6-Tribromophenol
 Concen: 81.980 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121197.D
 Acq: 6 Aug 2020 11:29

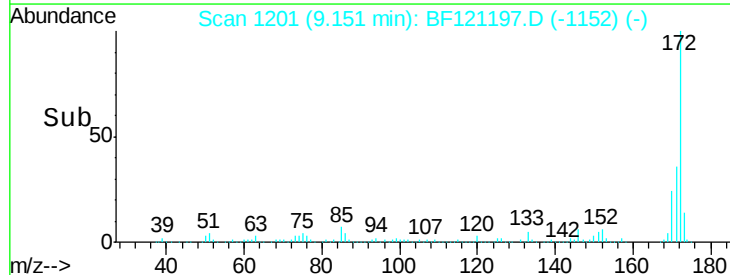
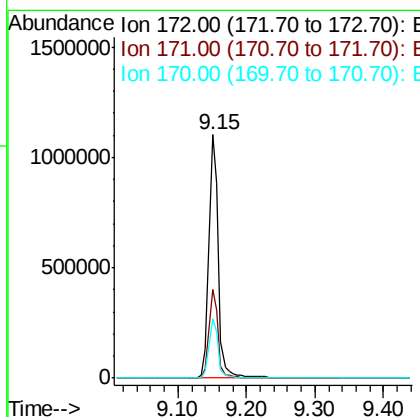
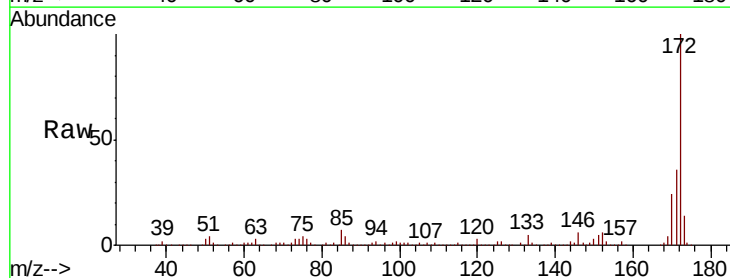
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002RE

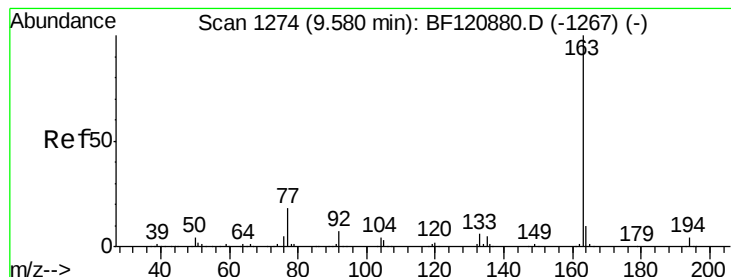
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	30.4	24.1	36.1



#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

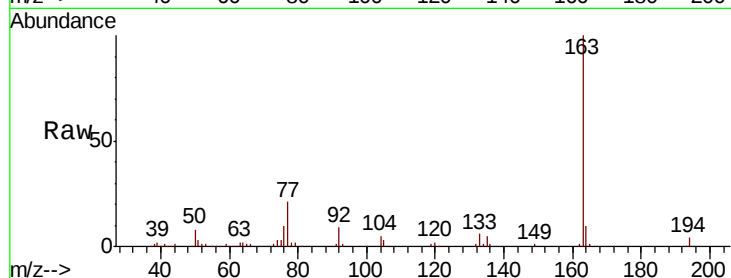
Tot Ion:163 Resp: 175389

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

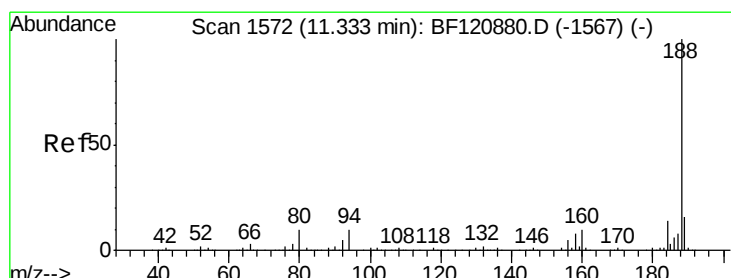
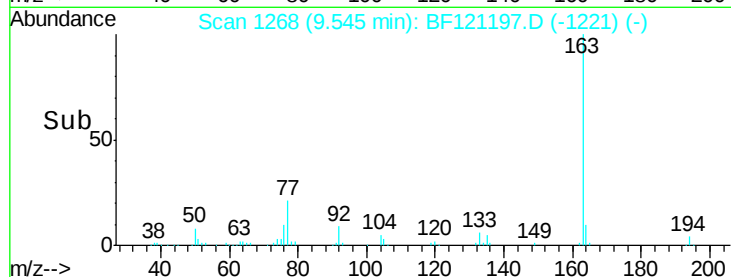
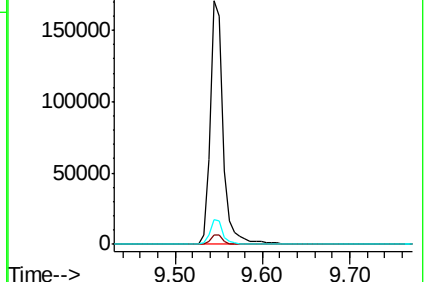
164 10.1 8.4 12.6



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



#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

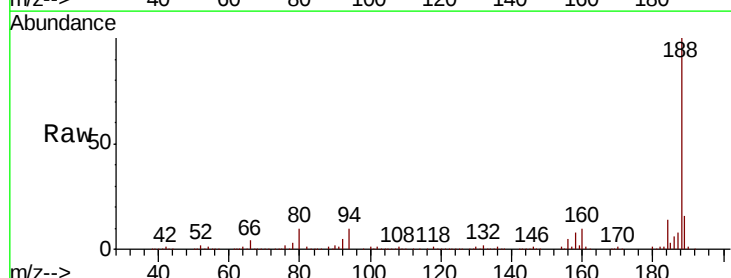
Tgt Ion:188 Resp: 583369

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

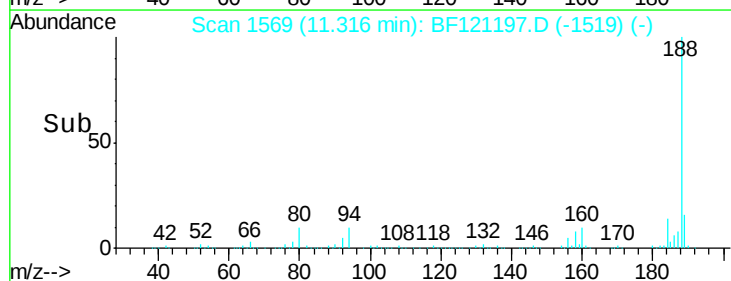
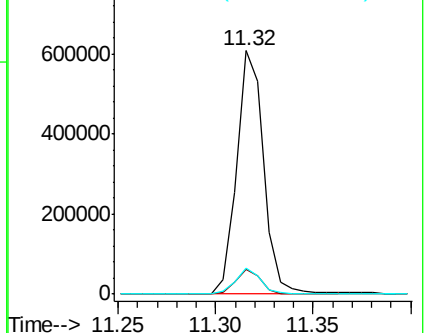
80 10.5 8.3 12.5

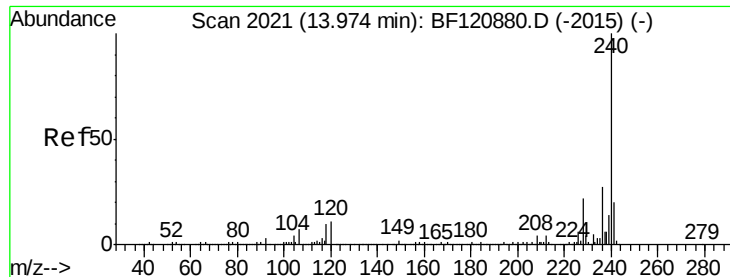


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#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

Instrument :

BNA_F

ClientSampleId :

TILCON-FL-002RE

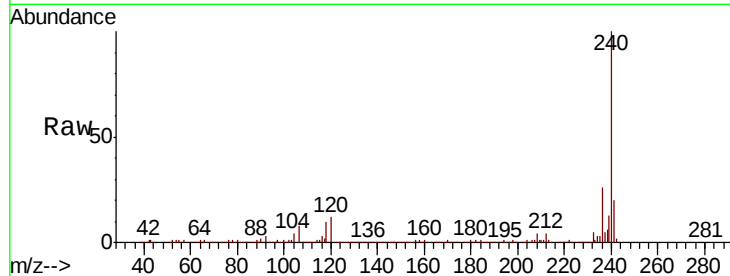
Tot Ion:240 Resp: 555938

Ion Ratio Lower Upper

240 100

120 11.7 9.3 13.9

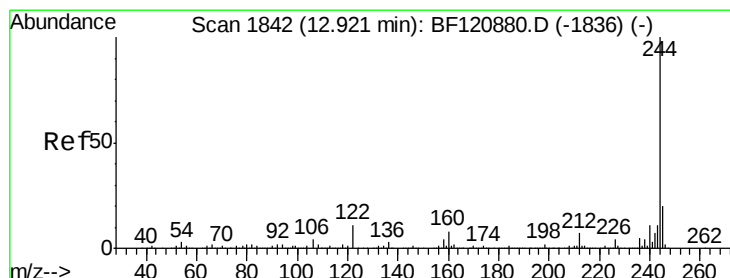
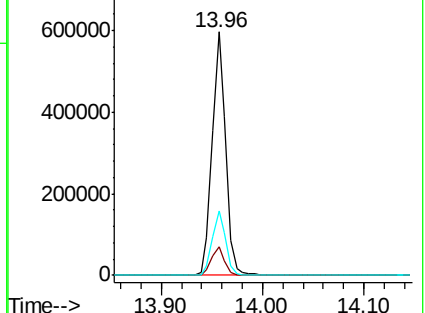
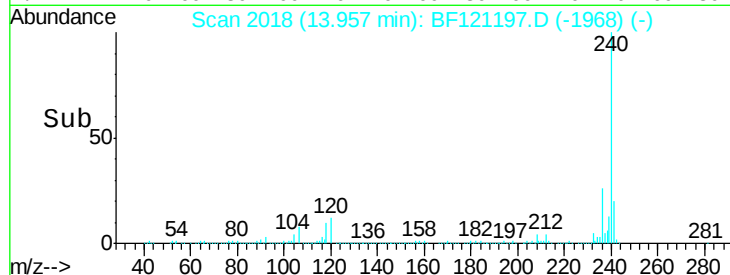
236 26.3 21.1 31.7



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: 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

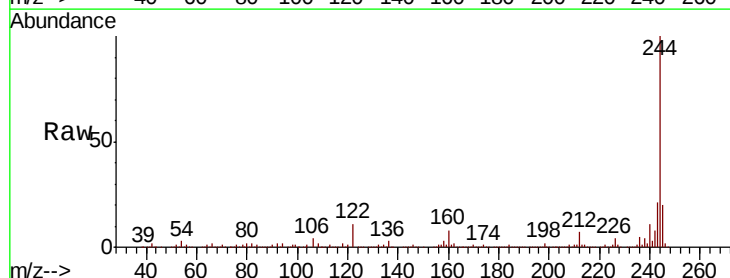
Tgt Ion:244 Resp: 1225457

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

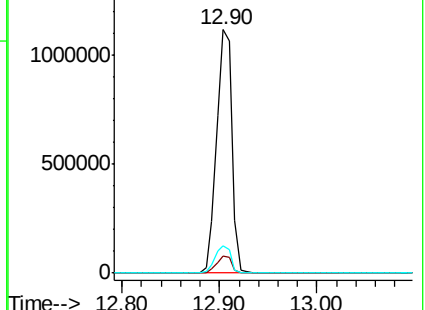
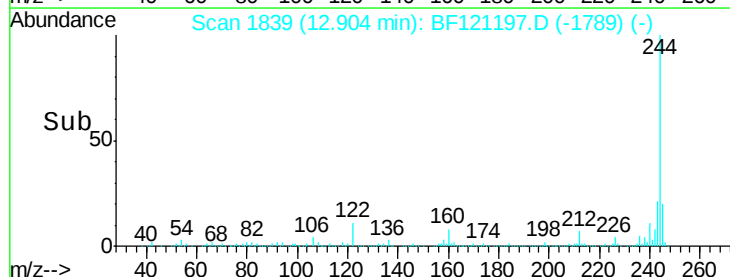
122 11.4 8.3 12.5

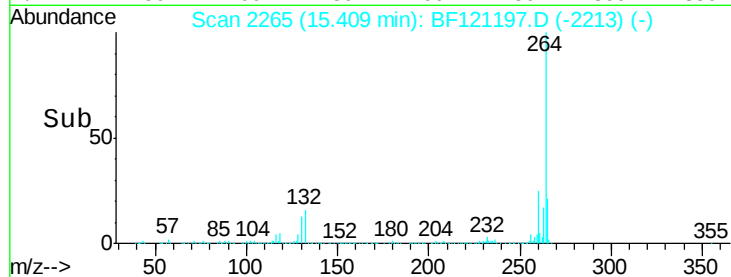
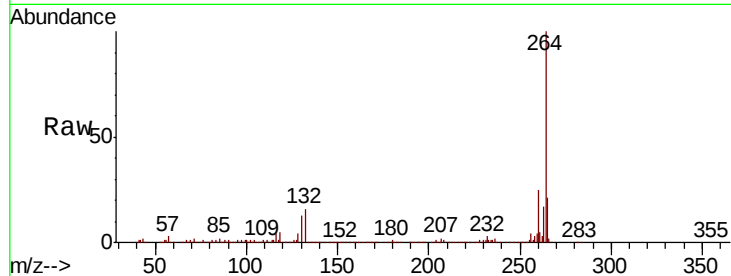
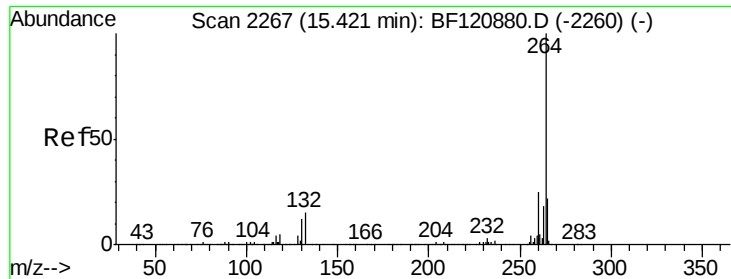


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-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

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002RE

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

