

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108157.D
 Acq On : 14 Aug 2018 20:50
 Operator : JU/SJ
 Sample : J4449-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-PL-001

Quant Time: Aug 15 11:41:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

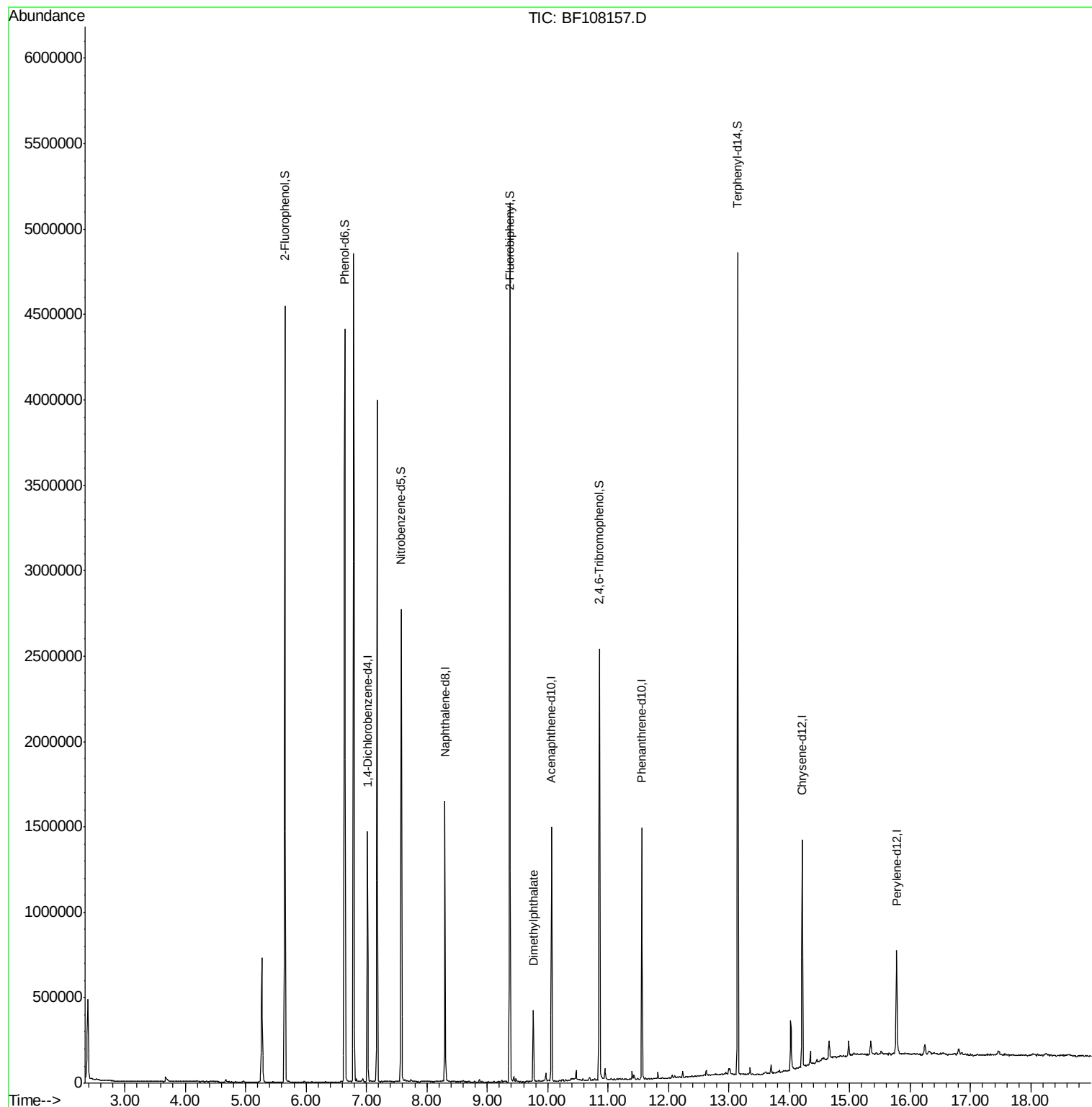
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	188155	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	657136	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	285196	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	492590	20.00	ng	0.00
75) Chrysene-d12	14.21	240	437046	20.00	ng	0.00
86) Perylene-d12	15.78	264	285490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1133335	109.05	ng	0.02
7) Phenol-d6	6.64	99	1478290	107.04	ng	0.01
23) Nitrobenzene-d5	7.58	82	972740	82.60	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	313917	110.35	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1641940	92.43	ng	0.00
78) Terphenyl-d14	13.15	244	1583920	92.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	164358	8.273	ng	Qvalue 98

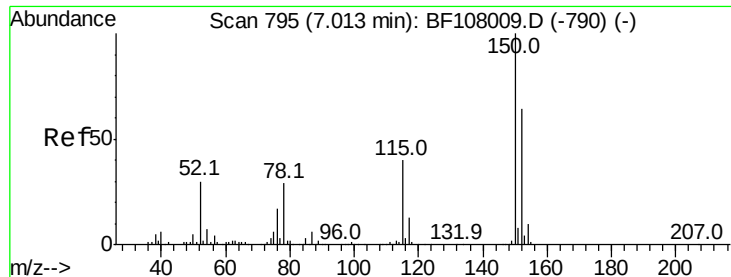
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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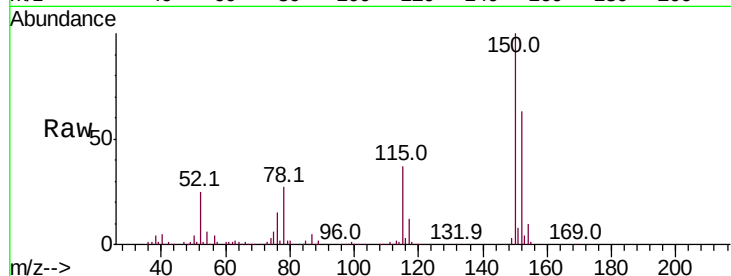


#1

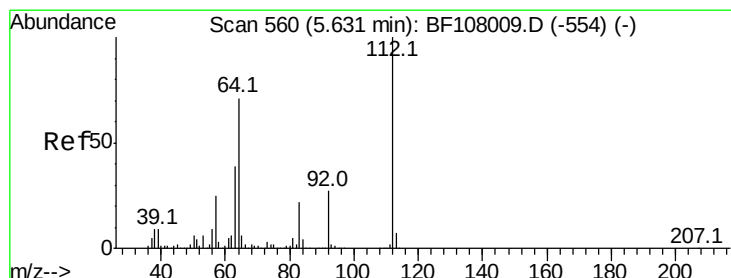
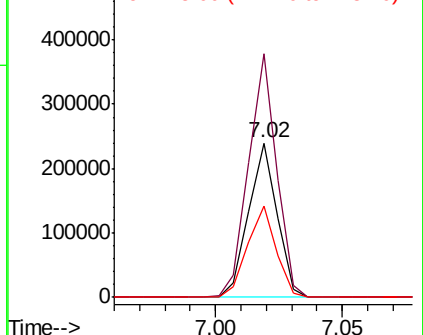
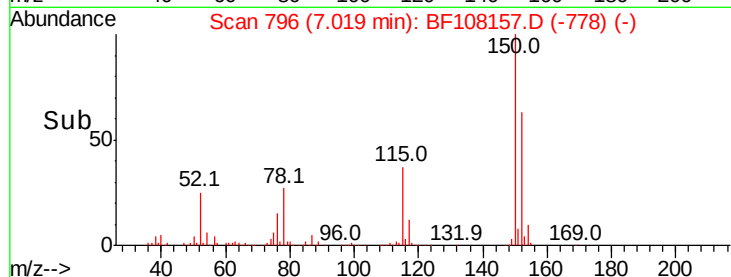
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108157.D
Acq: 14 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
TILCON-PL-001

Tot Ion:152 Resp: 188155
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 59.0 50.1 75.1



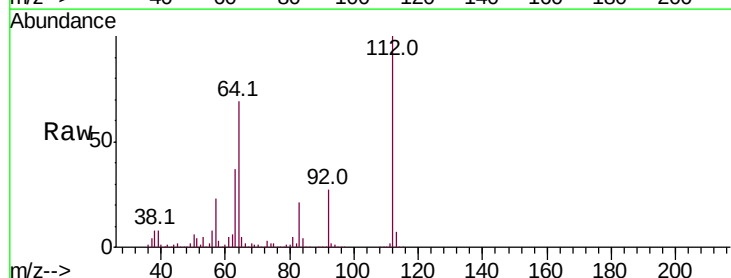
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



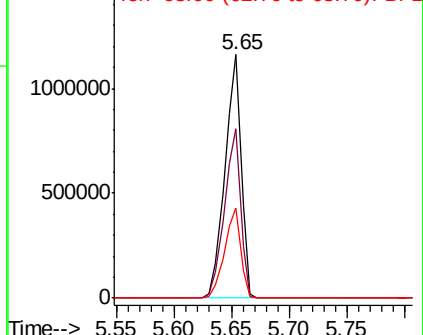
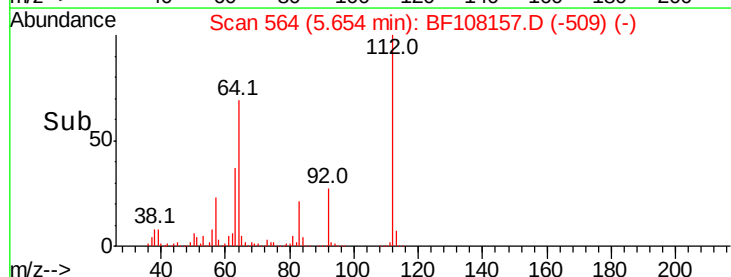
#5

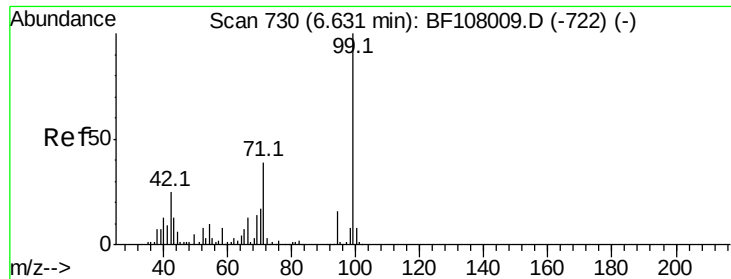
2-Fluorophenol
Concen: 109.051 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108157.D
Acq: 14 Aug 2018 20:50

Tgt Ion:112 Resp: 1133335
Ion Ratio Lower Upper
112 100
64 69.5 47.9 71.9
63 36.8 23.7 35.5#



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: 107.041 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108157.D

Acq: 14 Aug 2018 20:50

Instrument :

BNA_F

ClientSampleId :

TILCON-PL-001

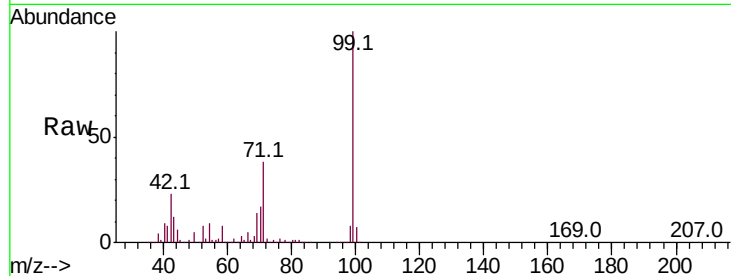
Tot Ion: 99 Resp: 1478290

Ion Ratio Lower Upper

99 100

42 23.4 14.5 21.7#

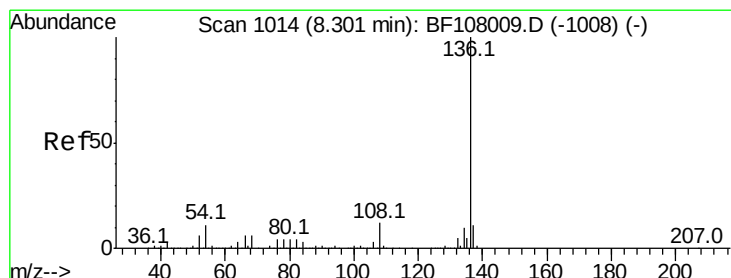
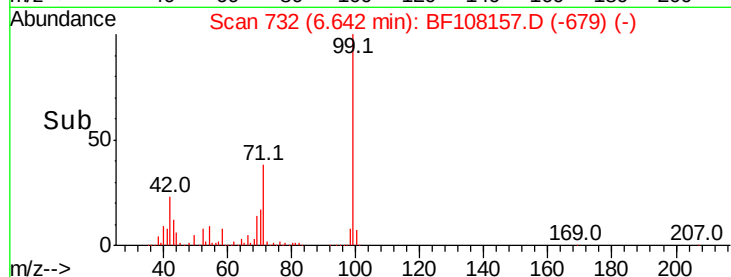
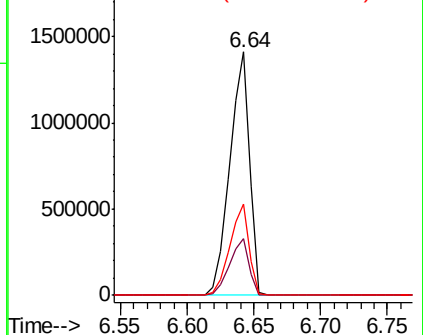
71 37.6 25.4 38.0



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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108157.D

Acq: 14 Aug 2018 20:50

Tgt Ion: 136 Resp: 657136

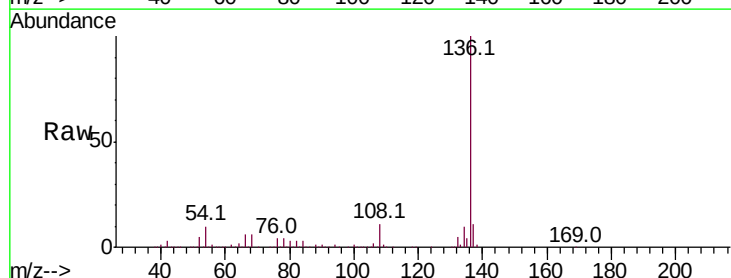
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.2 6.6 9.8#

68 6.4 5.0 7.4

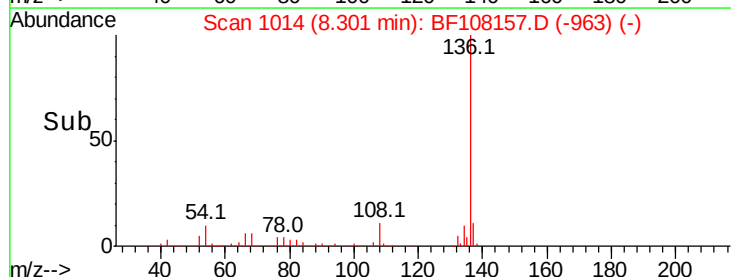
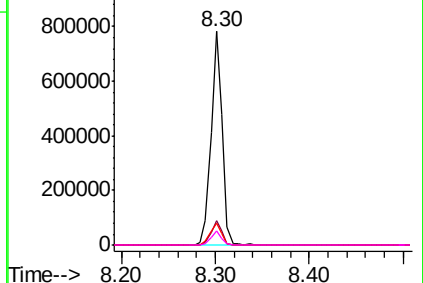


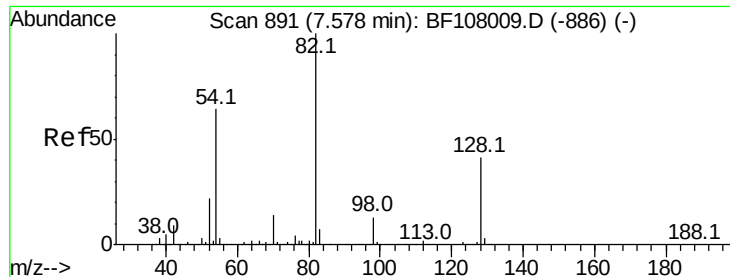
Abundance Ion 136.00 (135.70 to 136.70): E

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

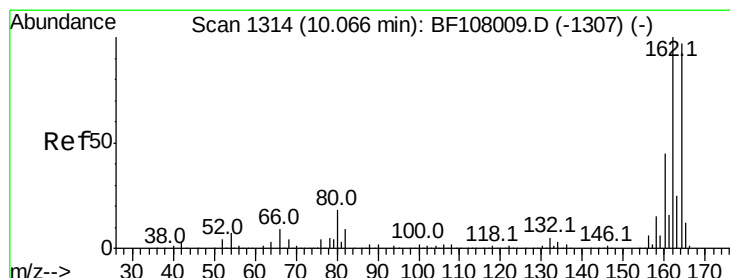
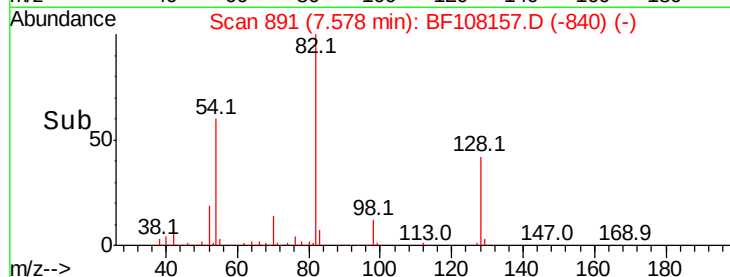
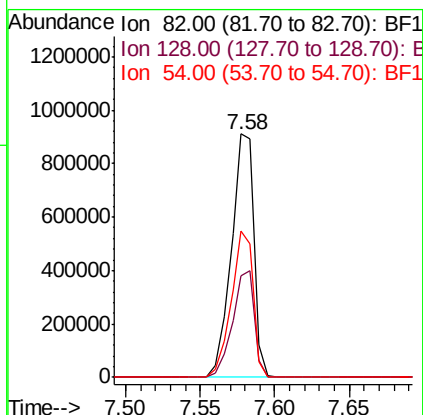
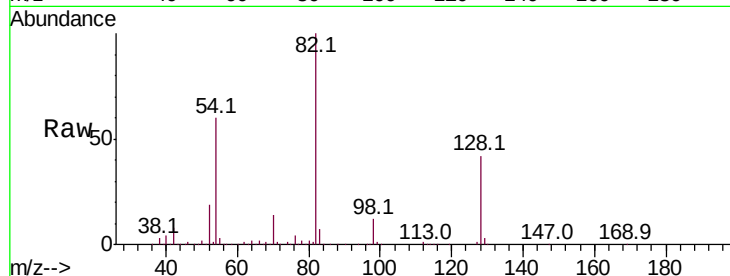




#23
 Nitrobenzene-d5
 Concen: 82.601 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108157.D
 Acq: 14 Aug 2018 20:50

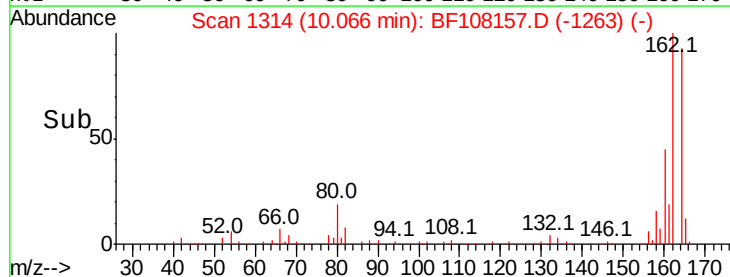
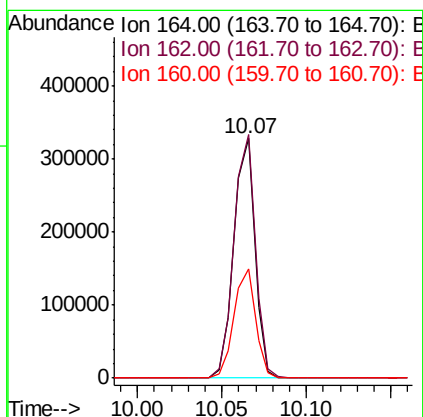
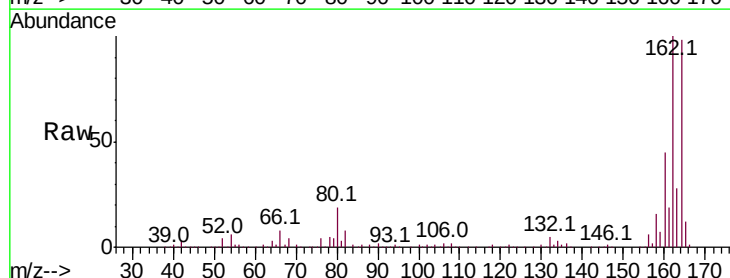
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-PL-001

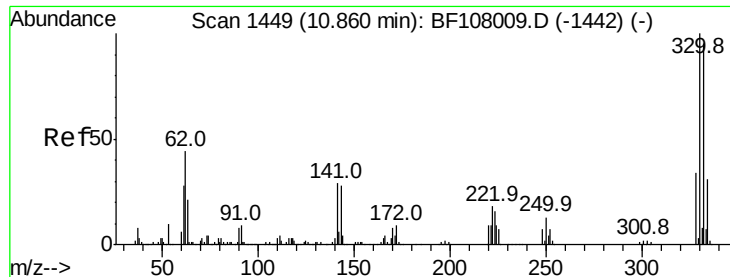
Tot Ion	82	Resp	972740
Ion Ratio	100	Lower	Upper
128	41.5	36.1	54.1
54	60.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108157.D
 Acq: 14 Aug 2018 20:50

Tgt Ion	164	Resp	285196
Ion Ratio	100	Lower	Upper
162	101.7	86.1	129.1
160	45.7	38.3	57.5

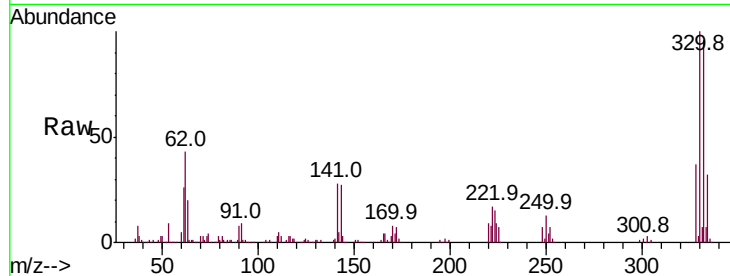




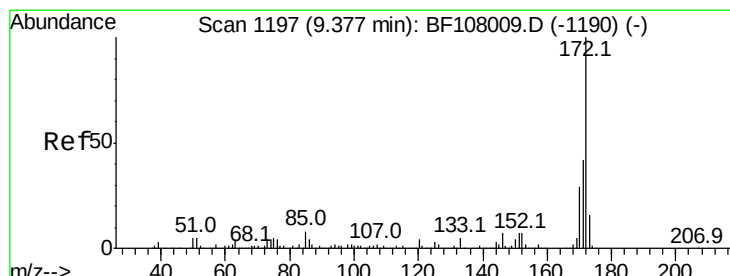
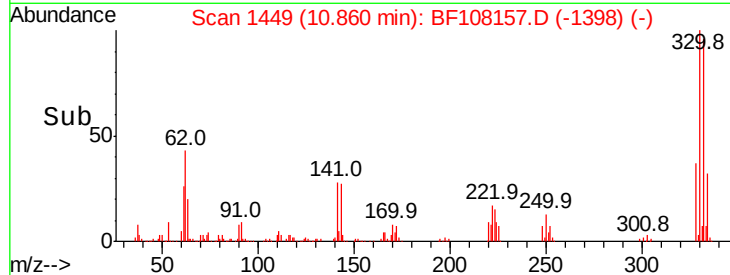
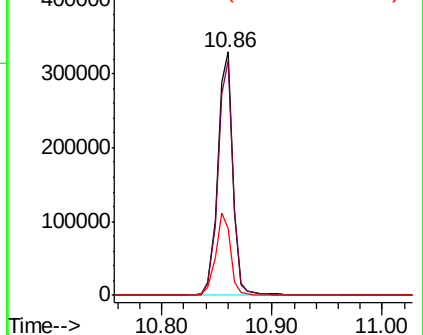
#41
 2,4,6-Tribromophenol
 Concen: 110.349 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108157.D
 Acq: 14 Aug 2018 20:50

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-PL-001

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.3	29.9	44.9

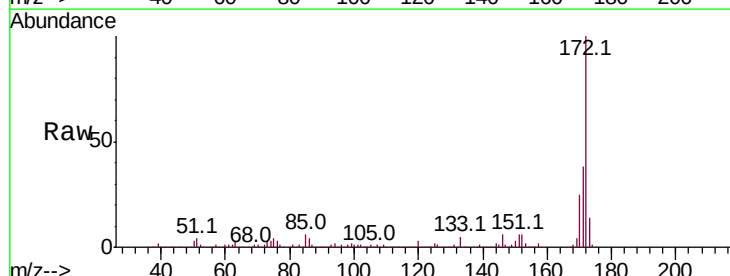


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

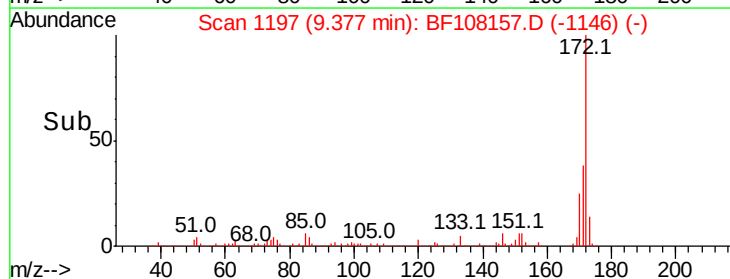
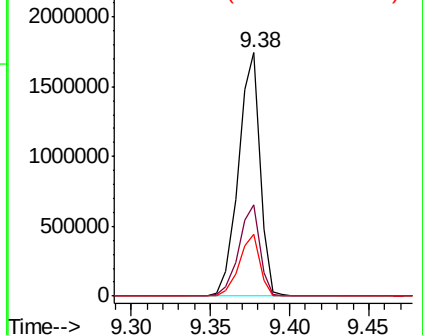


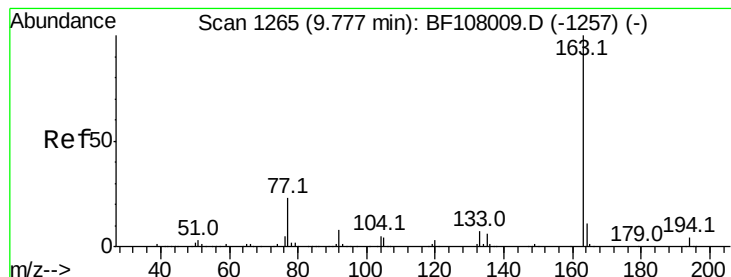
#44
 2-Fluorobiphenyl
 Concen: 92.431 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108157.D
 Acq: 14 Aug 2018 20:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.4	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





#49

Dimethylphthalate

Concen: 8.273 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108157.D

Acq: 14 Aug 2018 20:50

Instrument :

BNA_F

ClientSampleId :

TILCON-PL-001

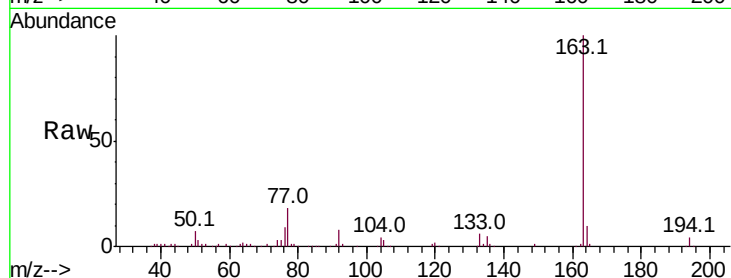
Tot Ion:163 Resp: 164358

Ion Ratio Lower Upper

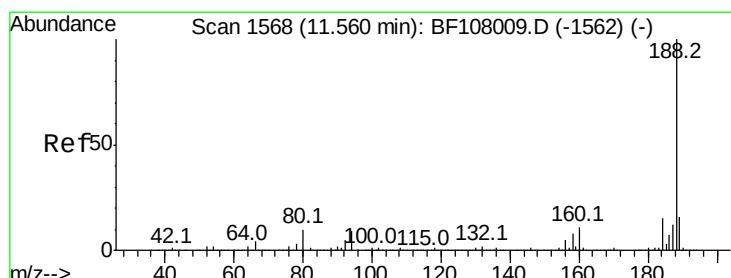
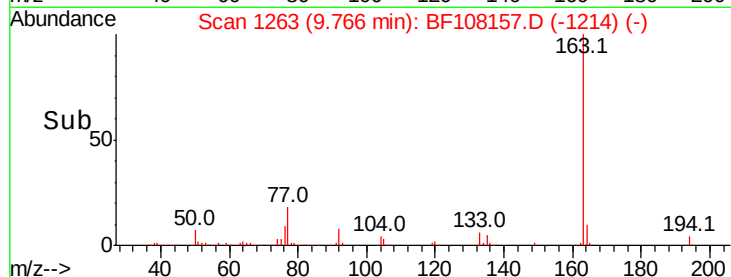
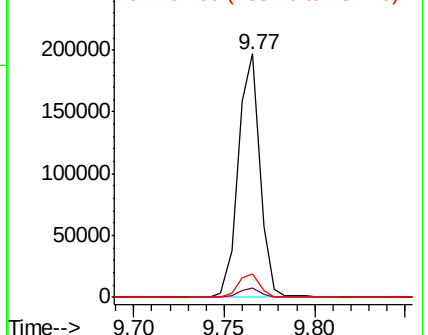
163 100

194 4.0 2.7 4.1

164 9.5 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108157.D

Acq: 14 Aug 2018 20:50

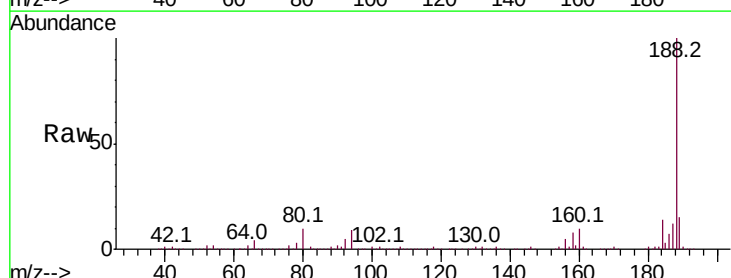
Tgt Ion:188 Resp: 492590

Ion Ratio Lower Upper

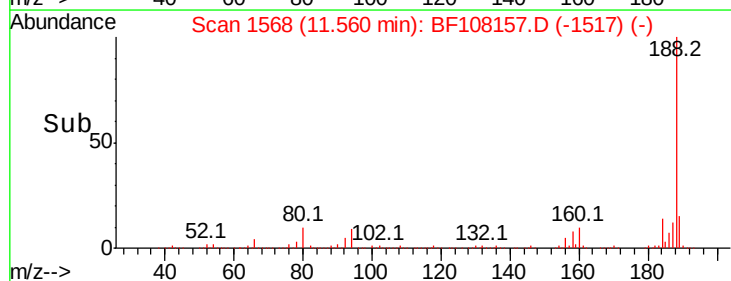
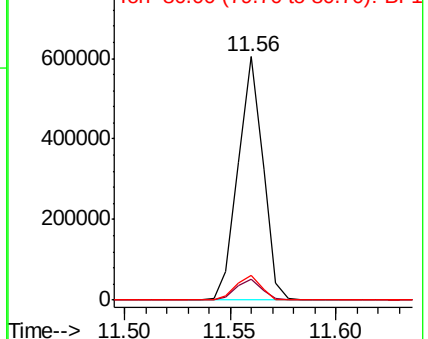
188 100

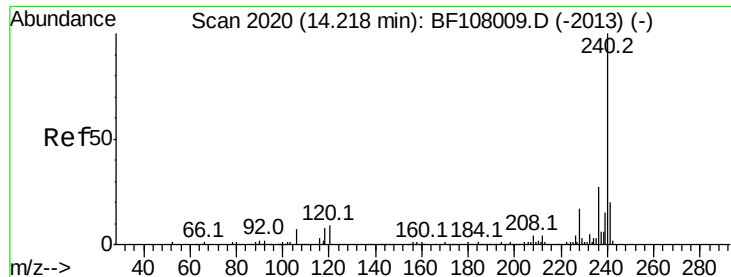
94 8.5 8.5 12.7

80 10.1 9.2 13.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108157.D

Acq: 14 Aug 2018 20:50

Instrument :

BNA_F

ClientSampleId :

TILCON-PL-001

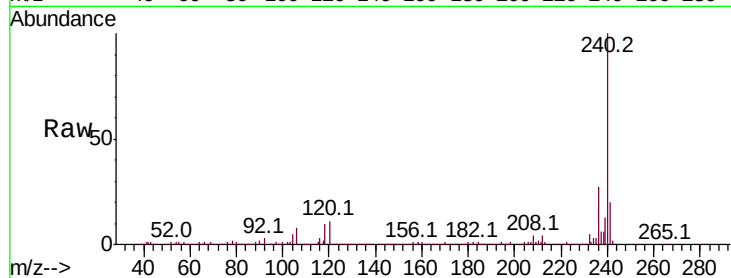
Tot Ion:240 Resp: 437046

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

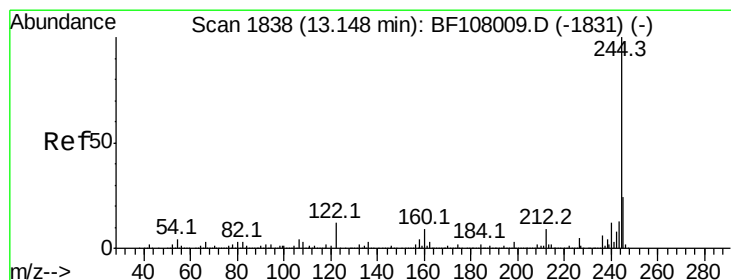
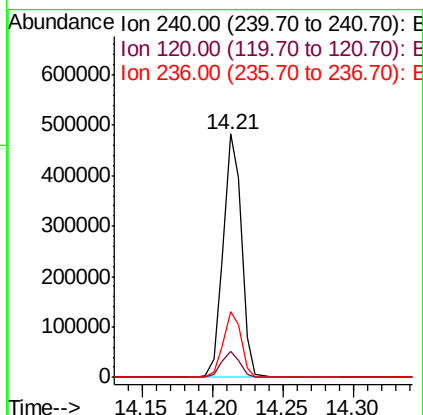
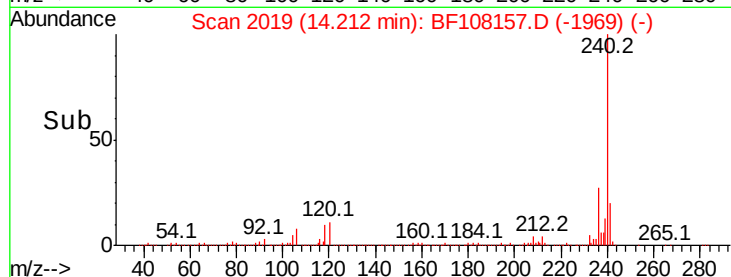
236 27.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 92.146 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108157.D

Acq: 14 Aug 2018 20:50

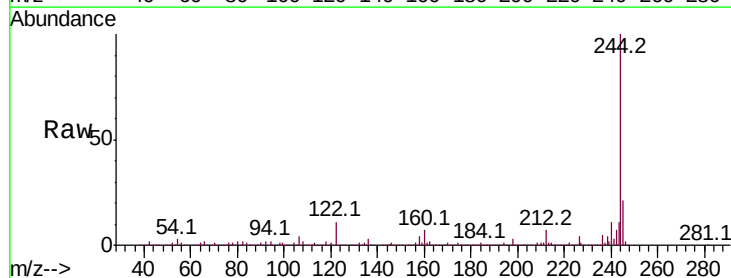
Tgt Ion:244 Resp: 1583920

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

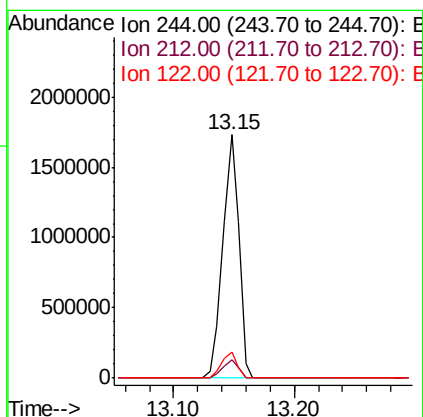
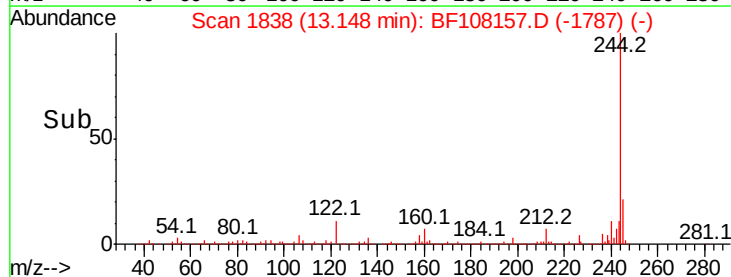
122 10.6 11.0 16.4#

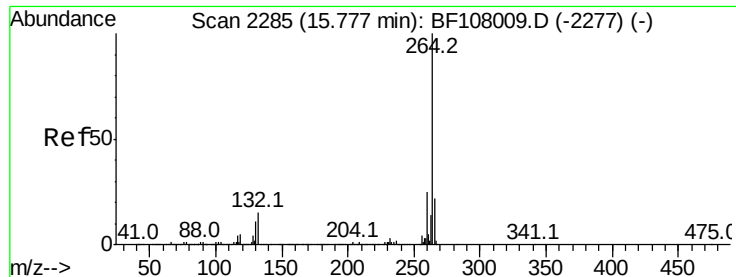


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108157.D
Acq: 14 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
TILCON-PL-001

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3

