

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080420\
 Data File : BG046165.D
 Acq On : 4 Aug 2020 10:40
 Operator : CG/JU
 Sample : L3525-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TILCON-FL-002

Quant Time: Aug 04 11:19:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

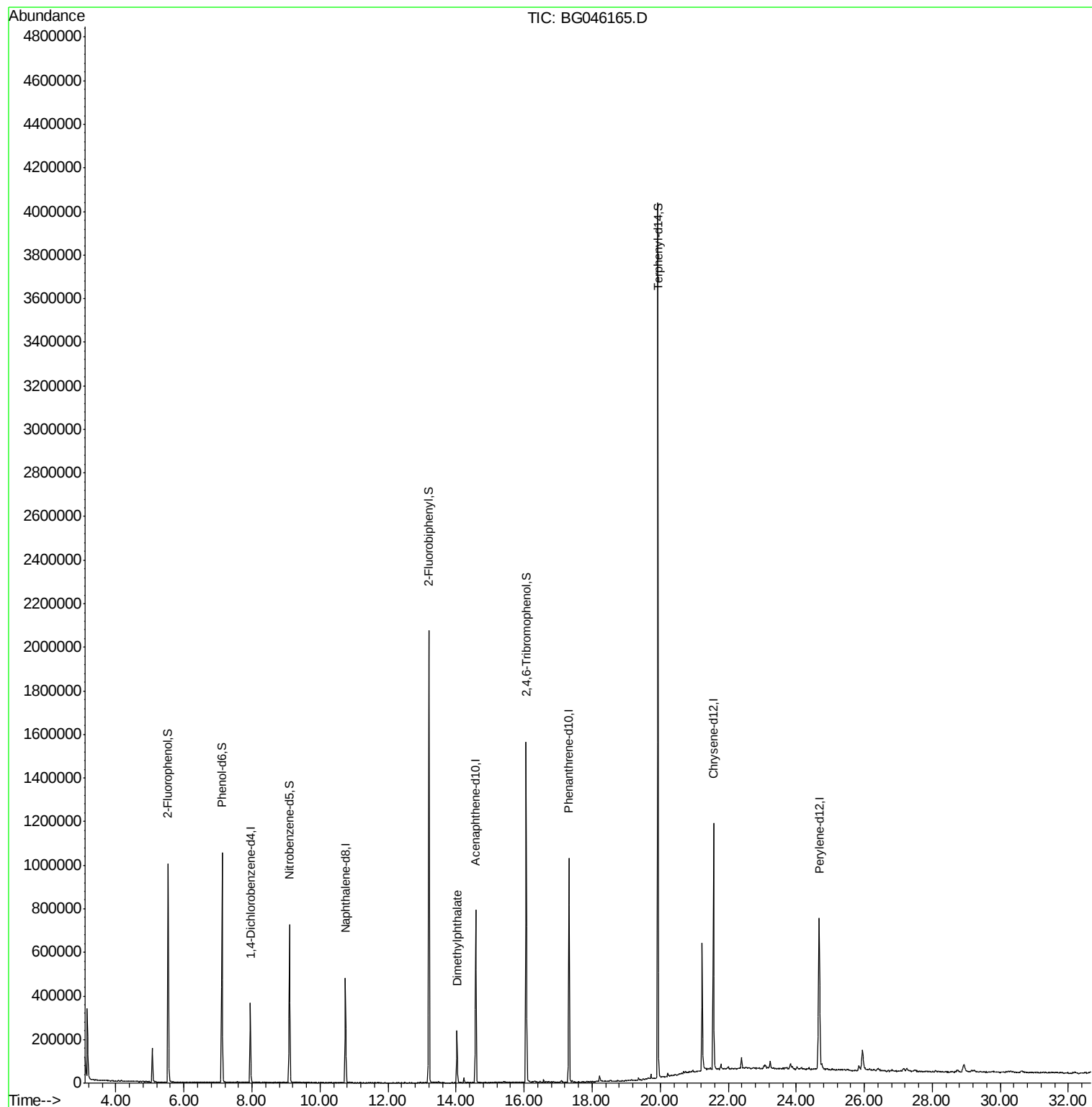
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	109289	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	435430	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	285272	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	653388	20.00	ng	0.00
76) Chrysene-d12	21.57	240	692190	20.00	ng	0.00
86) Perylene-d12	24.67	264	734022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	462842	73.62	ng	0.00
7) Phenol-d6	7.12	99	636108	74.24	ng	0.00
23) Nitrobenzene-d5	9.10	82	452088	56.21	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	312908	71.41	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1114837	56.77	ng	0.00
79) Terphenyl-d14	19.93	244	1730232	50.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.03	163	161848	7.392	ng	Qvalue 98

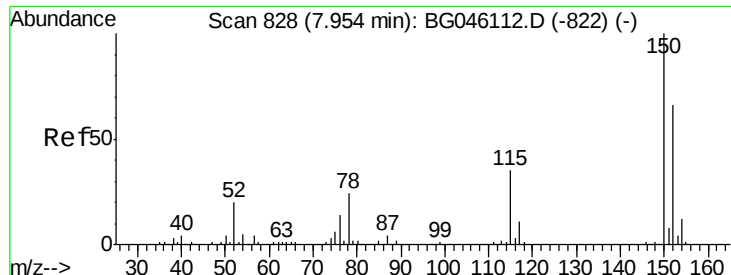
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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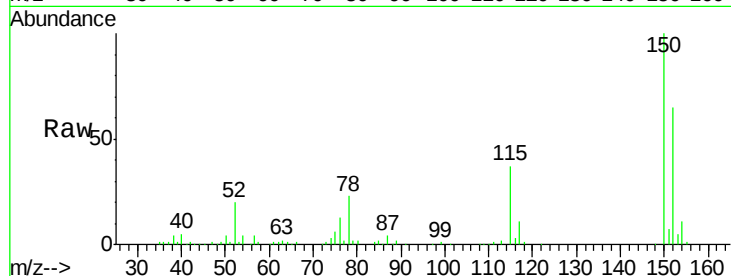


#1

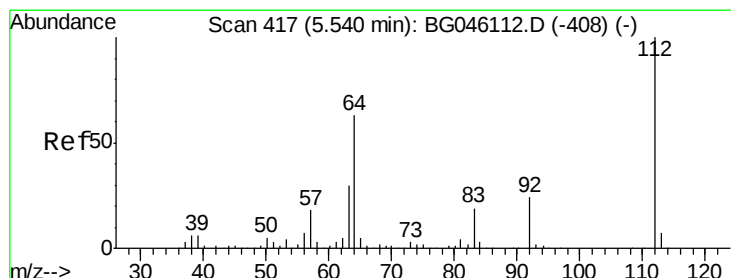
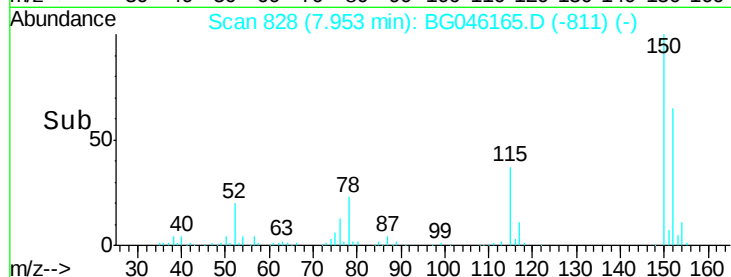
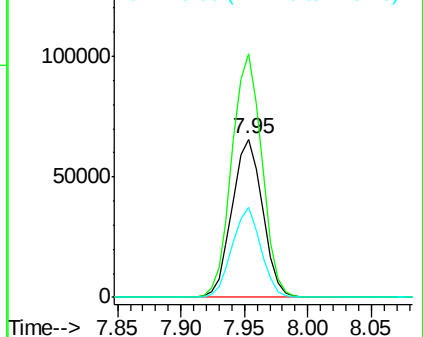
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046165.D
Acq: 4 Aug 2020 10:40

Instrument :
BNA_G
ClientSampleId :
TILCON-FL-002

Tgt Ion:152 Resp: 109289
Ion Ratio Lower Upper
152 100
150 153.9 122.1 183.1
115 56.6 43.2 64.8



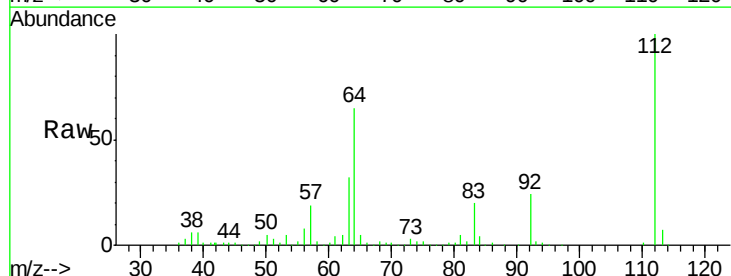
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



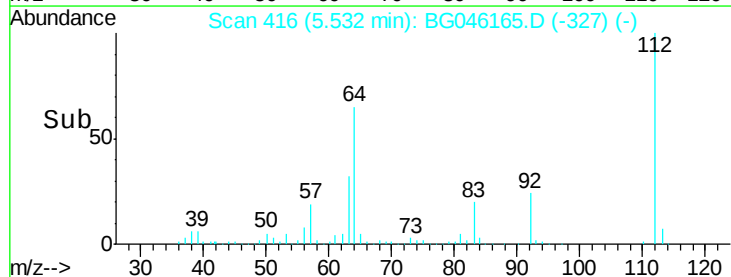
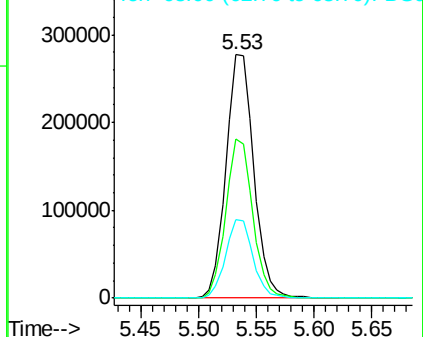
#5

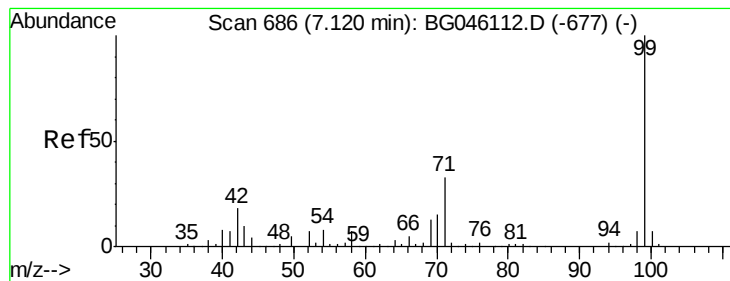
2-Fluorophenol
Concen: 73.620 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046165.D
Acq: 4 Aug 2020 10:40

Tgt Ion:112 Resp: 462842
Ion Ratio Lower Upper
112 100
64 65.3 50.2 75.2
63 32.4 24.2 36.4



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





#7

Phenol-d6

Concen: 74.241 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046165.D

Acq: 4 Aug 2020 10:40

Instrument :

BNA_G

ClientSampleId :

TILCON-FL-002

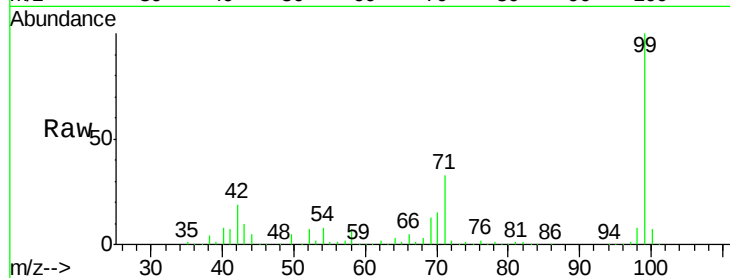
Tgt Ion: 99 Resp: 636108

Ion Ratio Lower Upper

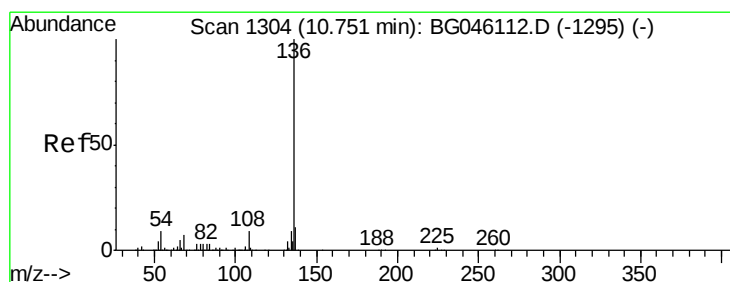
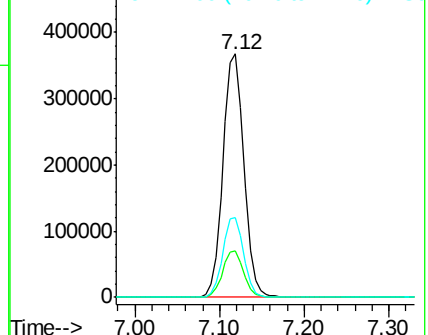
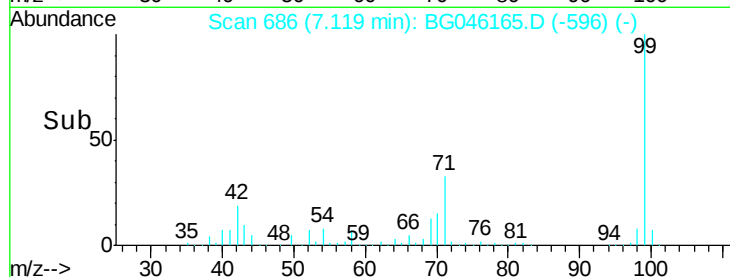
99 100

42 19.2 14.7 22.1

71 32.6 26.5 39.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046165.D

Acq: 4 Aug 2020 10:40

Tgt Ion: 136 Resp: 435430

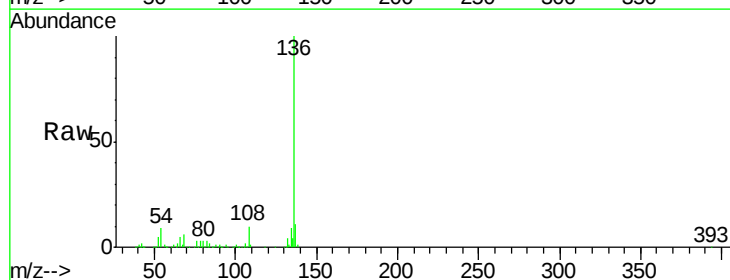
Ion Ratio Lower Upper

136 100

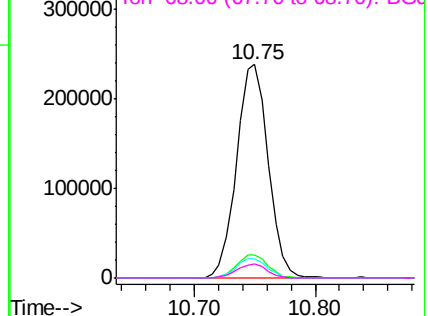
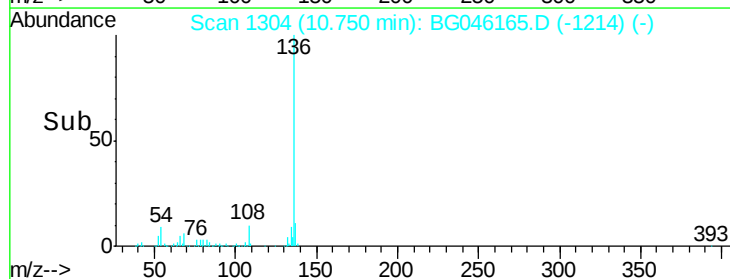
137 10.9 8.8 13.2

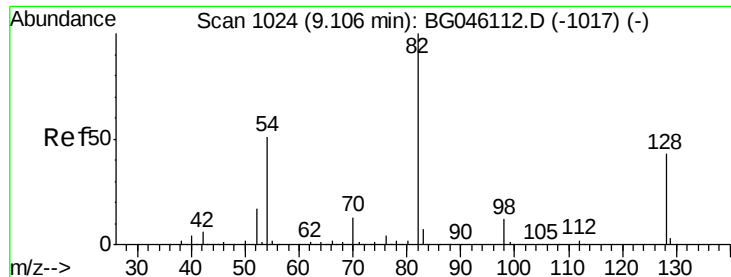
54 9.1 7.0 10.4

68 6.4 5.3 7.9



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

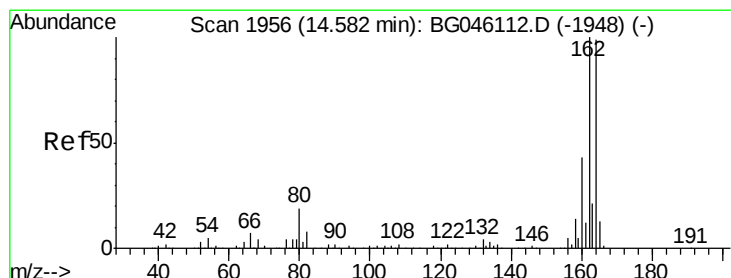
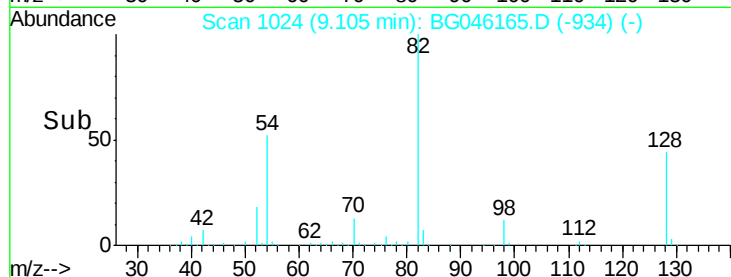
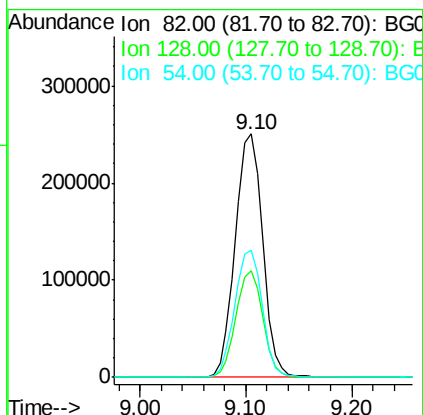
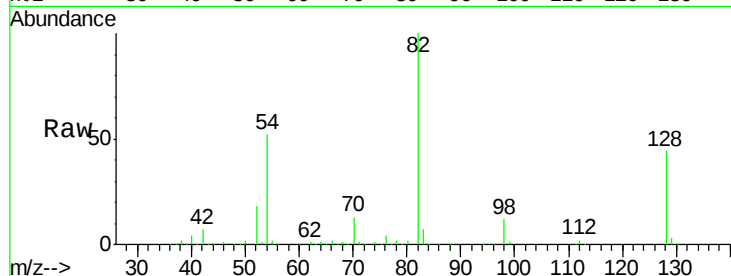




#23
Nitrobenzene-d5
Concen: 56.214 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046165.D
Acq: 4 Aug 2020 10:40

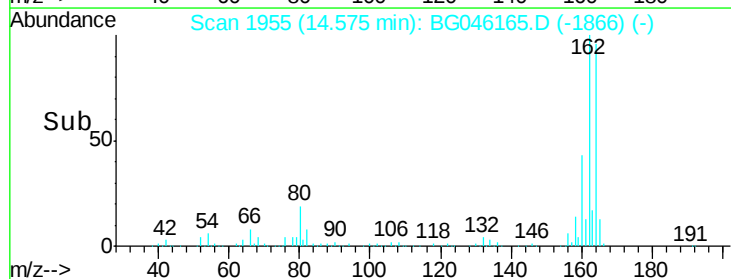
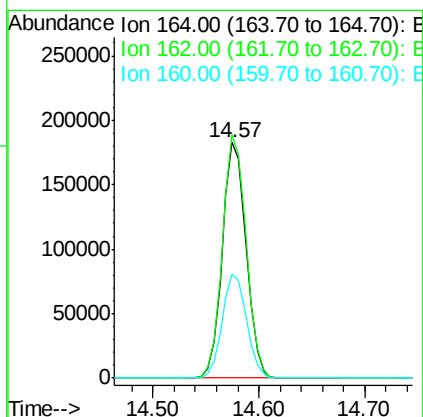
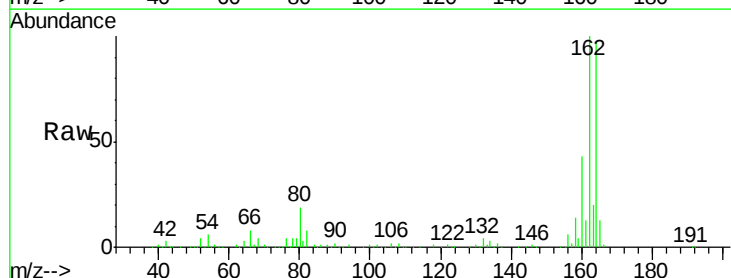
Instrument :
BNA_G
ClientSampleId :
TILCON-FL-002

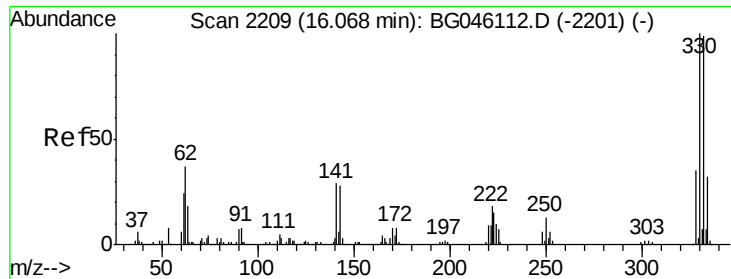
Tgt Ion: 82 Resp: 452088
Ion Ratio Lower Upper
82 100
128 43.6 34.4 51.6
54 52.1 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046165.D
Acq: 4 Aug 2020 10:40

Tgt Ion: 164 Resp: 285272
Ion Ratio Lower Upper
164 100
162 103.3 80.6 121.0
160 44.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 71.412 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046165.D

Acq: 4 Aug 2020 10:40

Instrument :

BNA_G

ClientSampleId :

TILCON-FL-002

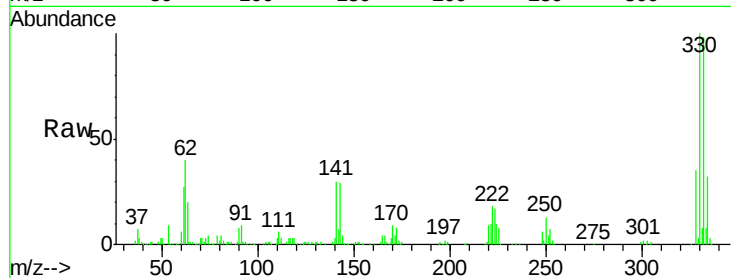
Tgt Ion:330 Resp: 312908

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

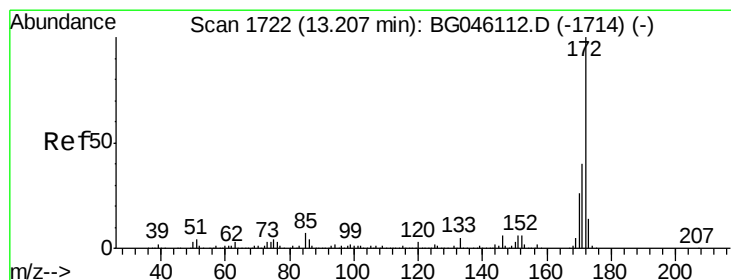
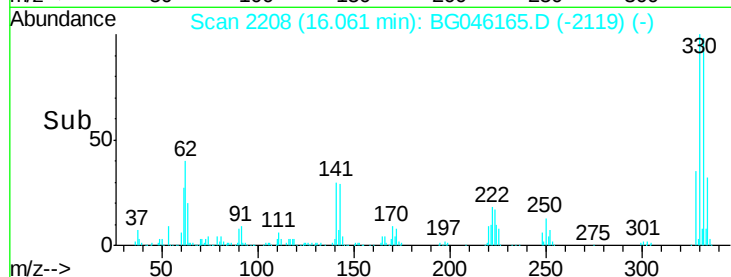
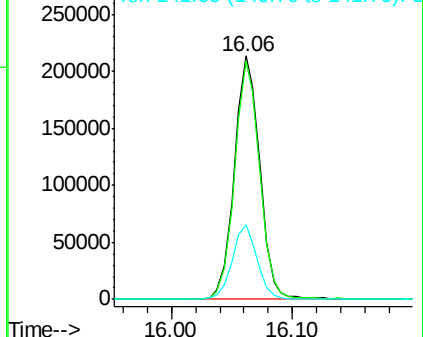
141 30.4 23.4 35.0



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: 56.769 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG046165.D

Acq: 4 Aug 2020 10:40

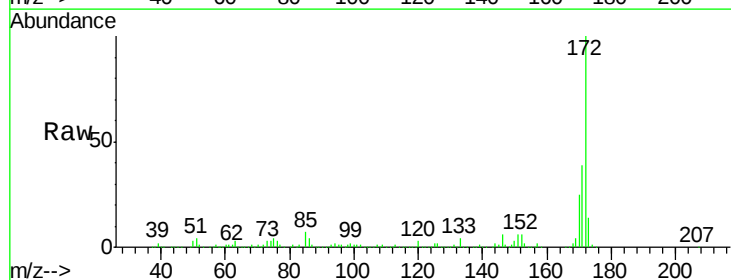
Tgt Ion:172 Resp: 1114837

Ion Ratio Lower Upper

172 100

171 38.9 31.7 47.5

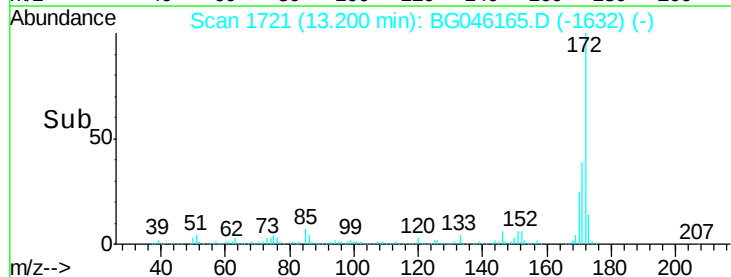
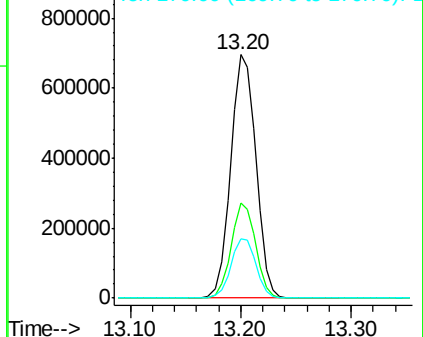
170 24.6 20.9 31.3

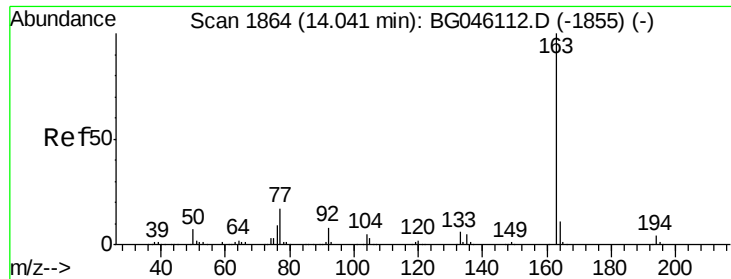


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.392 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG046165.D

Acq: 4 Aug 2020 10:40

Instrument :

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ClientSampleId :

TILCON-FL-002

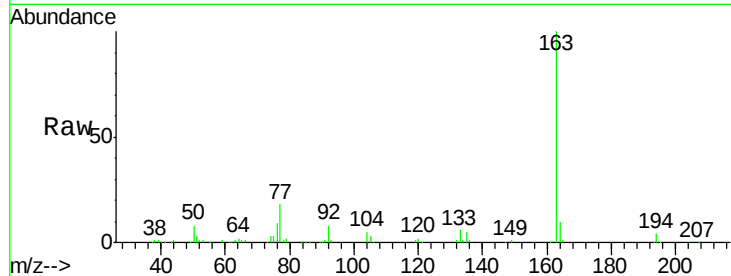
Tgt Ion:163 Resp: 161848

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

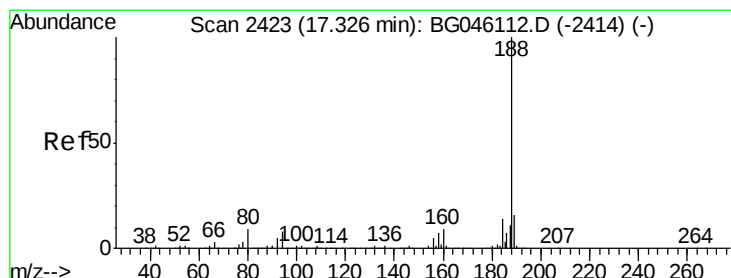
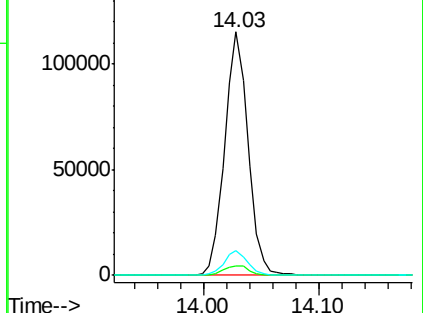
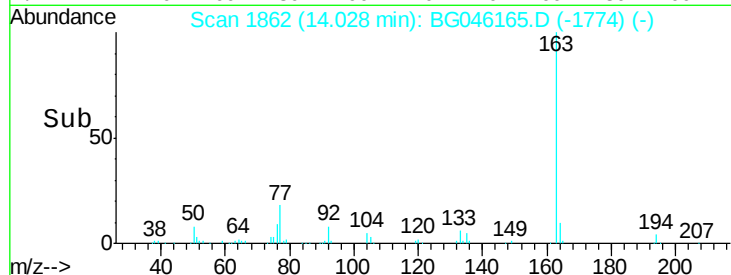
164 10.2 8.8 13.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046165.D

Acq: 4 Aug 2020 10:40

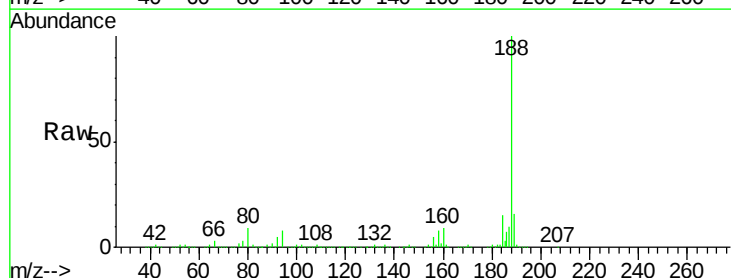
Tgt Ion:188 Resp: 653388

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

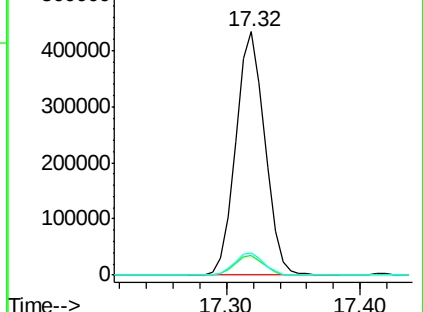
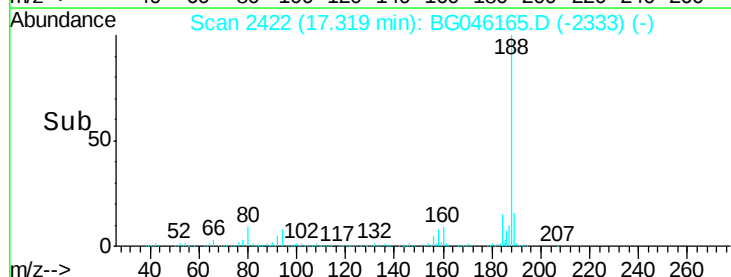
80 9.0 7.4 11.0

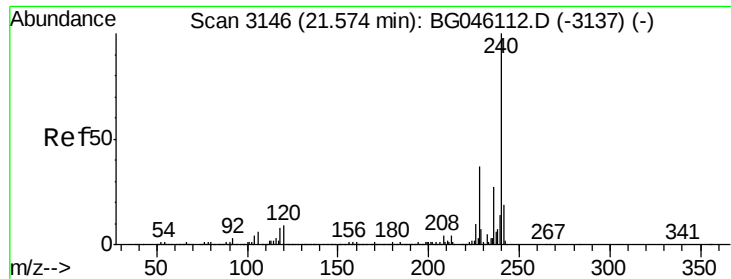


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

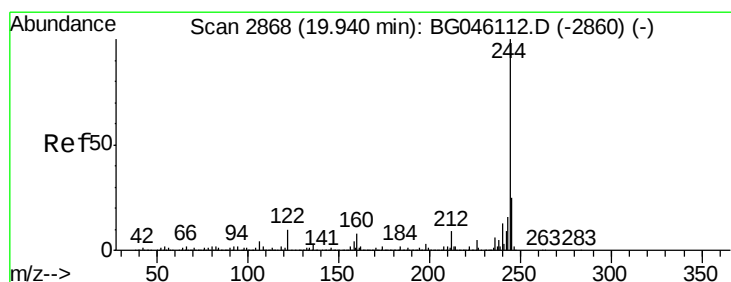
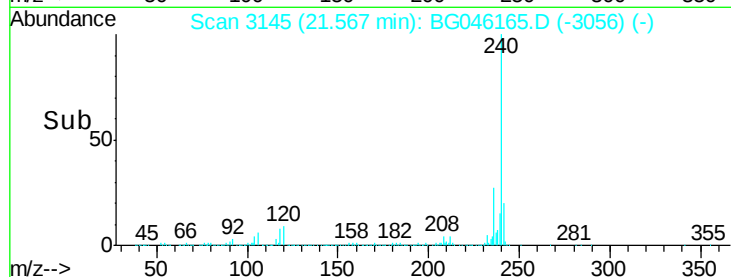
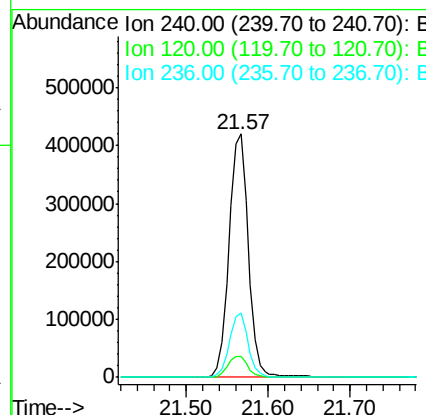
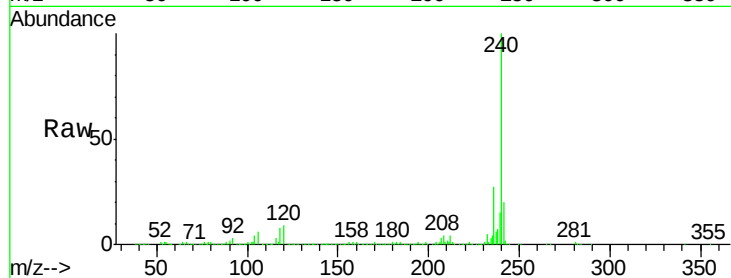




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046165.D
Acq: 4 Aug 2020 10:40

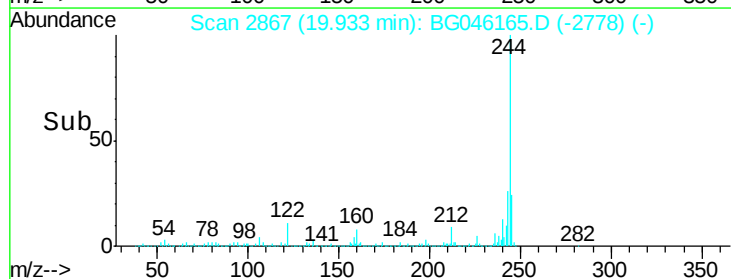
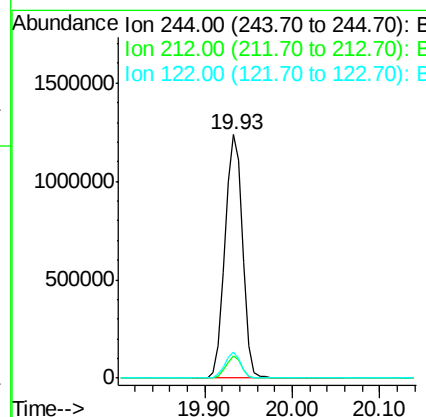
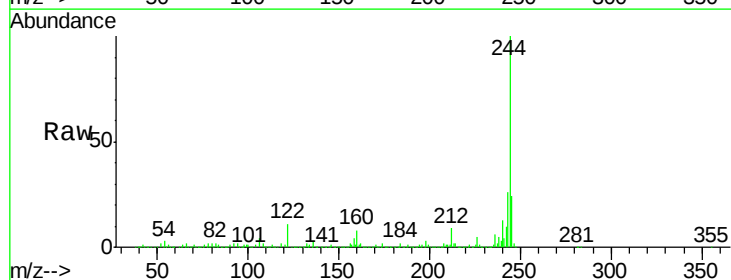
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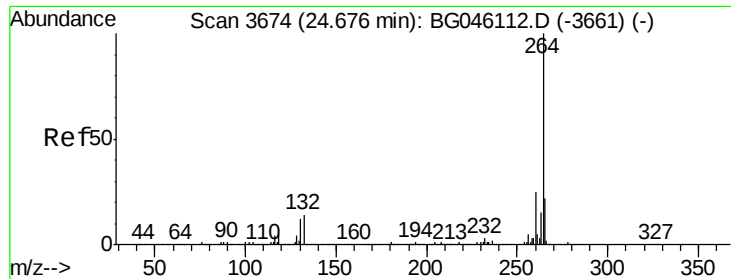
Tgt Ion:240 Resp: 692190
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 26.7 21.7 32.5



#79
Terphenyl-d14
Concen: 50.909 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG046165.D
Acq: 4 Aug 2020 10:40

Tgt Ion:244 Resp: 1730232
Ion Ratio Lower Upper
244 100
212 8.9 7.2 10.8
122 10.6 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG046165.D
Acq: 4 Aug 2020 10:40

Instrument :
BNA_G
ClientSampleId :
TILCON-FL-002

Tgt Ion:264 Resp: 734022

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.7	29.5
265	22.1	17.6	26.4

