

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
 Data File : BF088047.D
 Acq On : 15 Jun 2016 21:36
 Operator : UM/SJ
 Sample : H3595-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-06142016

Quant Time: Jun 16 03:41:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 03:20:46 2016
 Response via : Initial Calibration

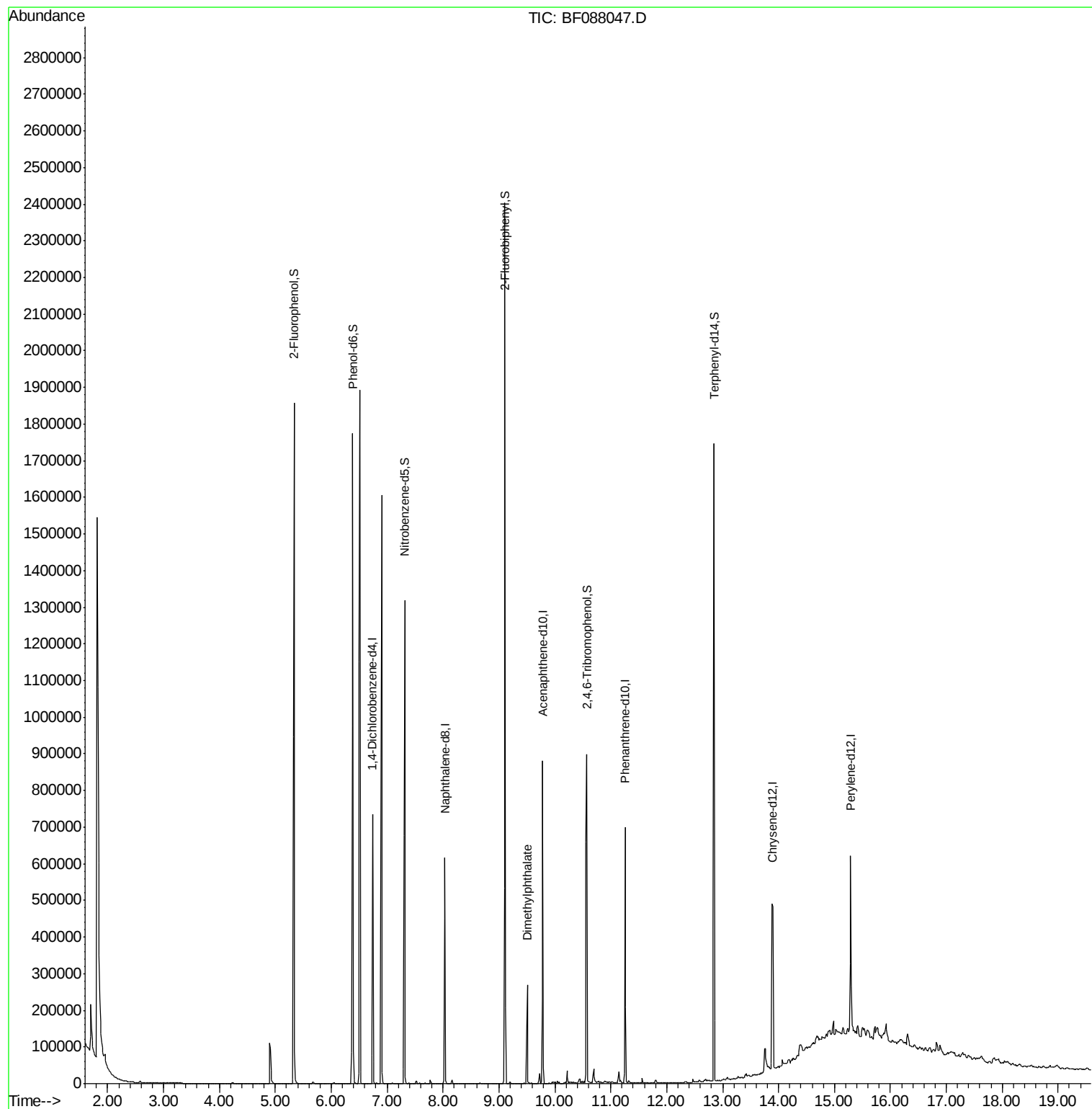
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	106914	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	391305	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	173097	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	258052	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	222201	20.00	ng	0.00
86) Perylene-d12	15.29	264	205510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	615540	98.42	ng	0.01
7) Phenol-d6	6.39	99	772002	101.86	ng	0.00
23) Nitrobenzene-d5	7.31	82	502645	75.01	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	146845	80.34	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	736231	65.55	ng	-0.01
78) Terphenyl-d14	12.85	244	511396	52.37	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	144120	11.49	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088047.D

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Instrument :

BNA_F

ClientSampleId :

TILCON-GF-06142016

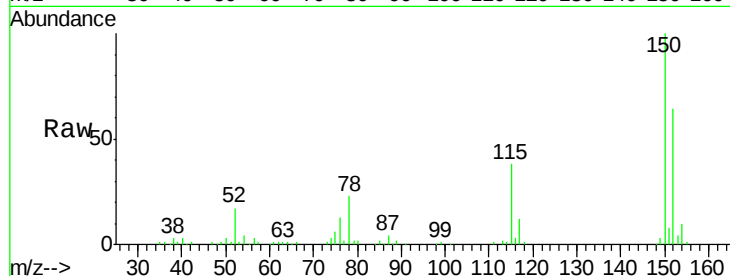
Tot Ion:152 Resp: 106914

Ion Ratio Lower Upper

152 100

150 155.9 123.8 185.6

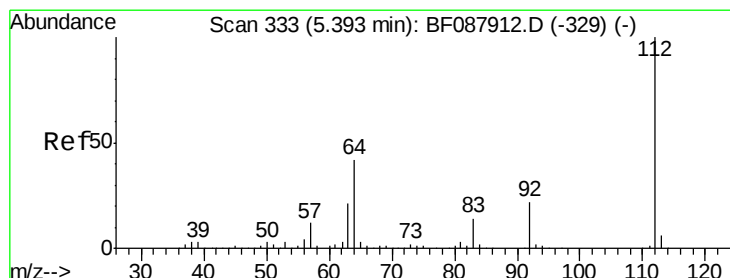
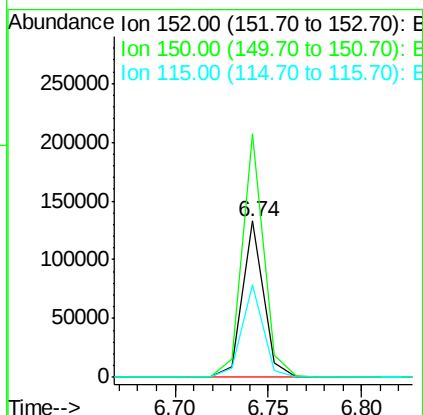
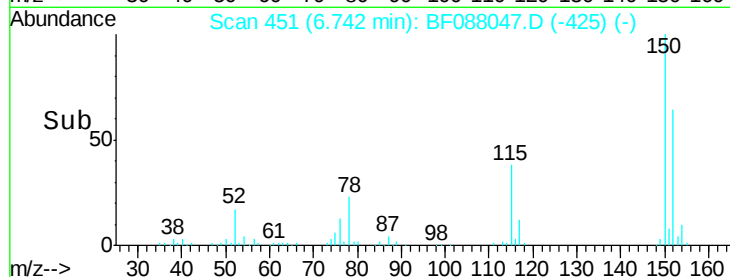
115 59.2 39.6 59.4



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: 98.42 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088047.D

Acq: 15 Jun 2016 21:36

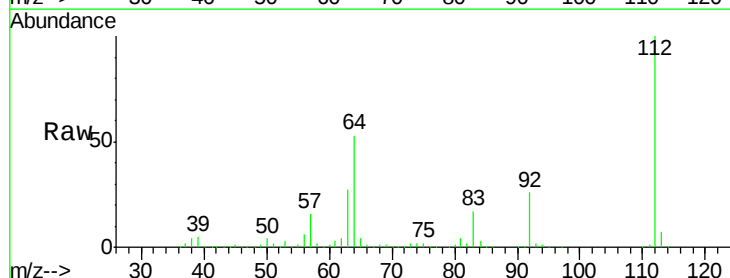
Tgt Ion:112 Resp: 615540

Ion Ratio Lower Upper

112 100

64 53.0 42.2 63.2

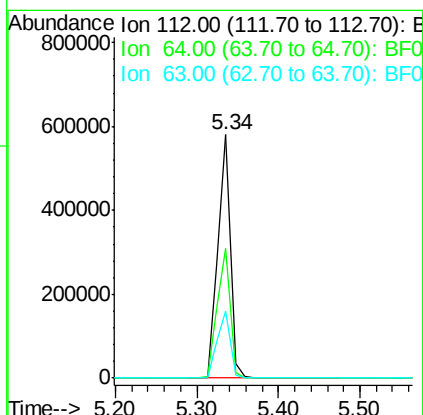
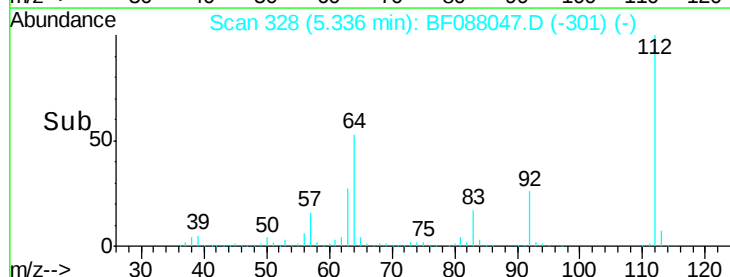
63 27.3 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.86 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088047.D

Acq: 15 Jun 2016 21:36

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-06142016

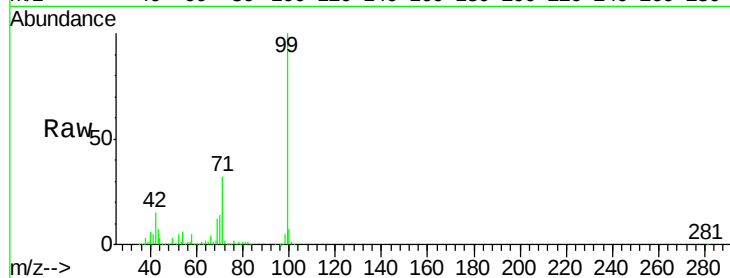
Tot Ion: 99 Resp: 772002

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

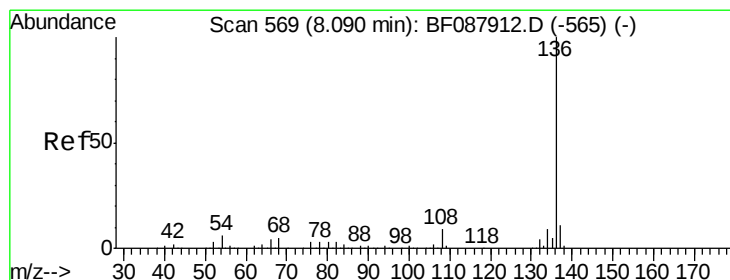
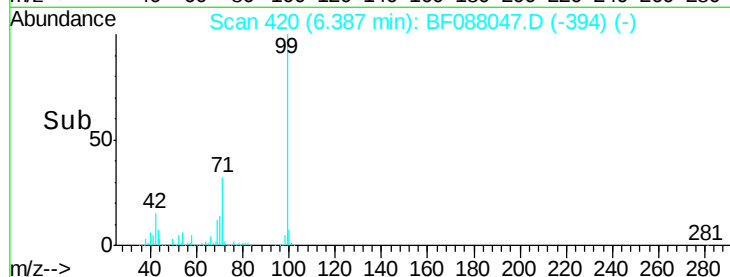
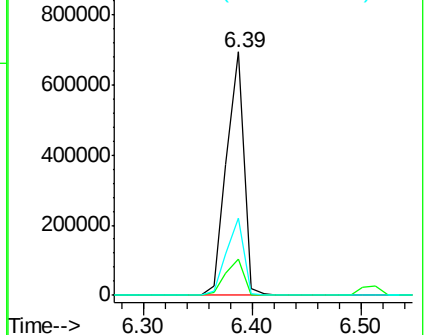
71 31.8 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF088047.D

Acq: 15 Jun 2016 21:36

Tgt Ion: 136 Resp: 391305

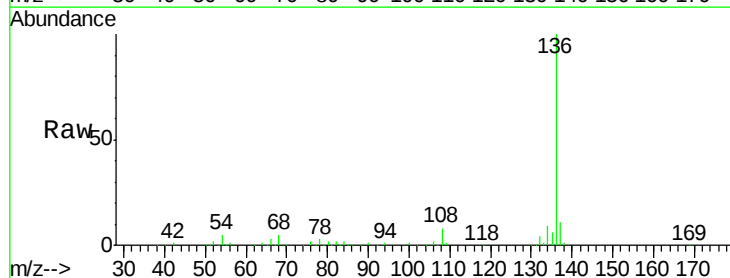
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 4.8 6.6 10.0#

68 4.5 5.1 7.7#

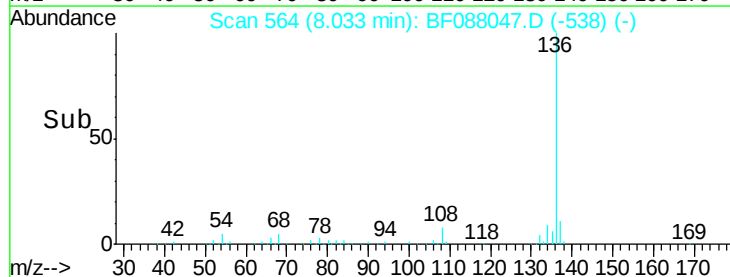
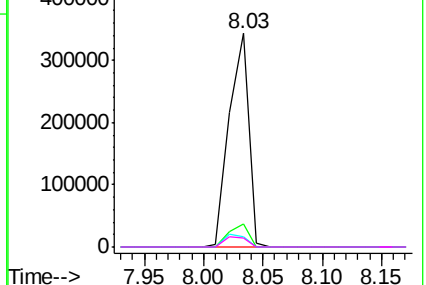


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

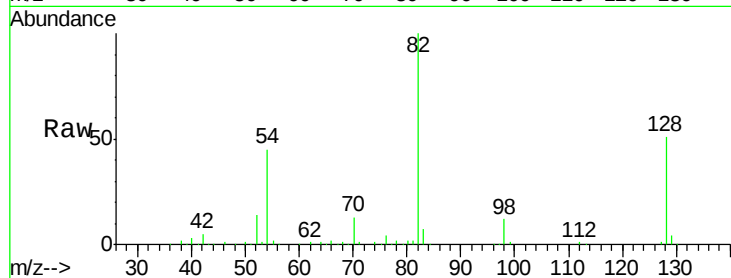




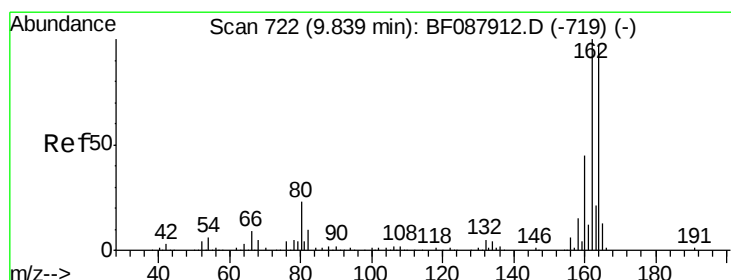
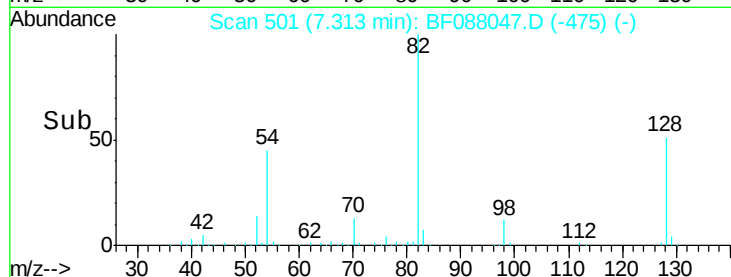
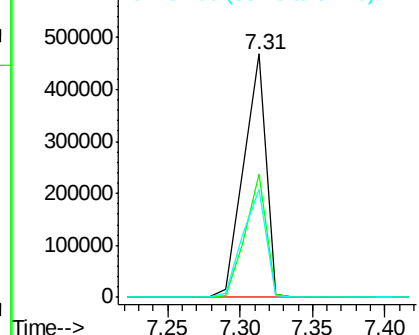
#23
 Nitrobenzene-d5
 Concen: 75.01 ng
 RT: 7.31 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF088047.D
 Acq: 15 Jun 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-06142016

Tot Ion: 82 Resp: 502645
 Ion Ratio Lower Upper
 82 100
 128 50.7 35.9 53.9
 54 44.5 40.9 61.3

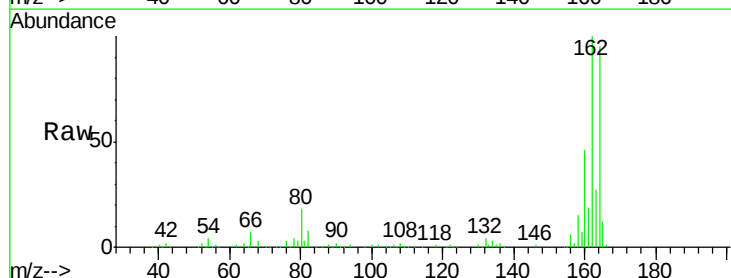


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

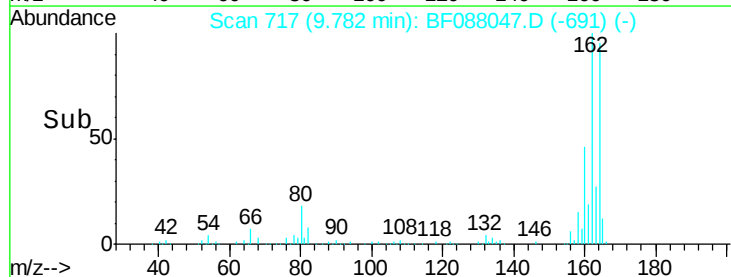
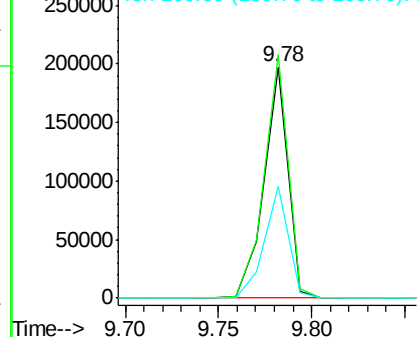


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088047.D
 Acq: 15 Jun 2016 21:36

Tgt Ion:164 Resp: 173097
 Ion Ratio Lower Upper
 164 100
 162 105.2 85.4 128.2
 160 48.4 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

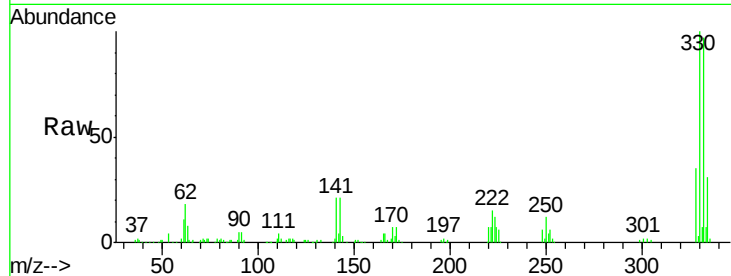




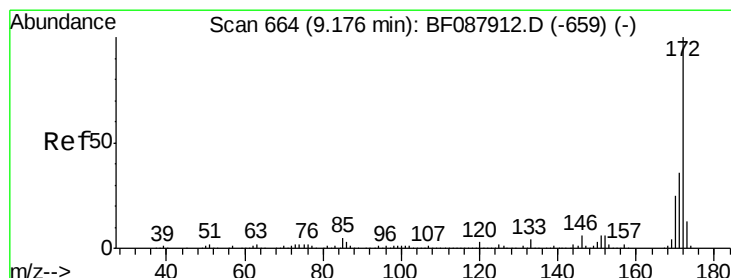
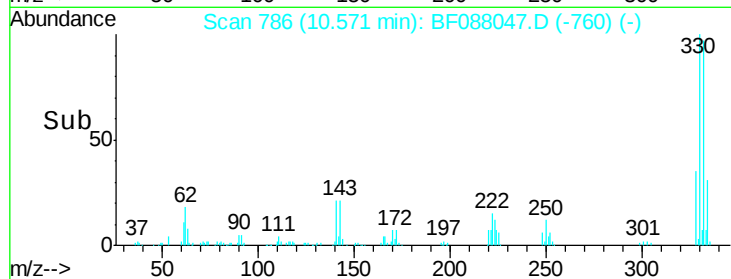
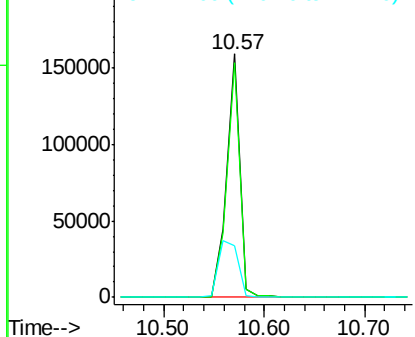
#41
 2,4,6-Tribromophenol
 Concen: 80.34 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088047.D
 Acq: 15 Jun 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-06142016

Tot Ion:330 Resp: 146845
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 34.7 0.0 0.0#

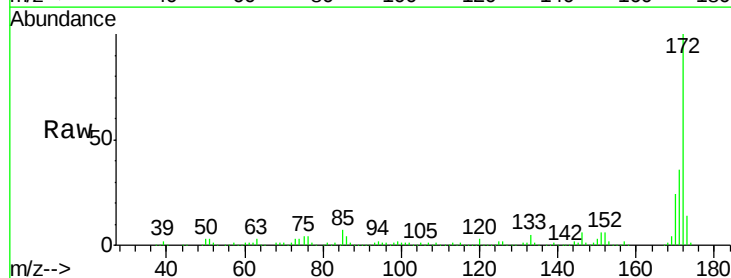


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

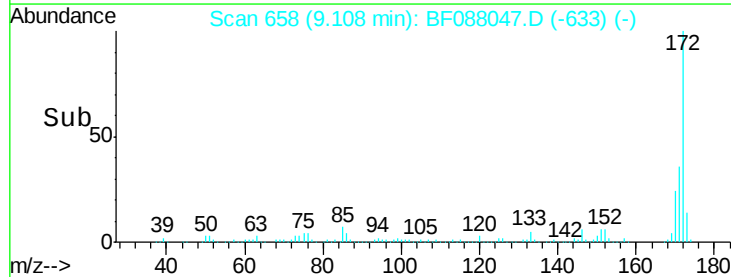
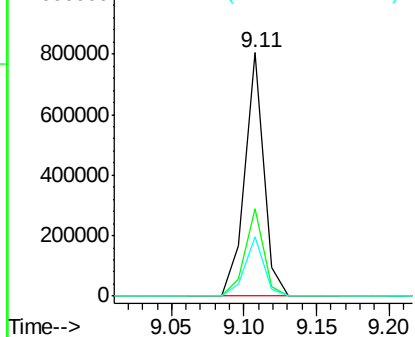


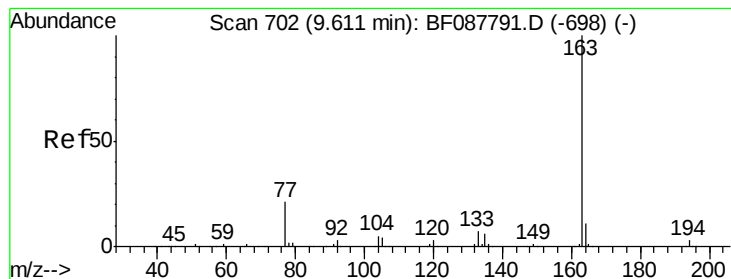
#44
 2-Fluorobiphenyl
 Concen: 65.55 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088047.D
 Acq: 15 Jun 2016 21:36

Tgt Ion:172 Resp: 736231
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.3 19.2 28.8



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: 11.49 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088047.D

Acq: 15 Jun 2016 21:36

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-06142016

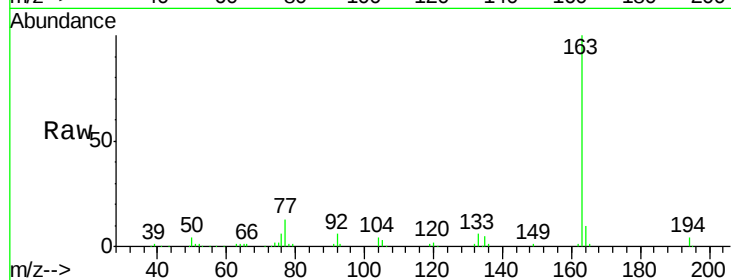
Tot Ion:163 Resp: 144120

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

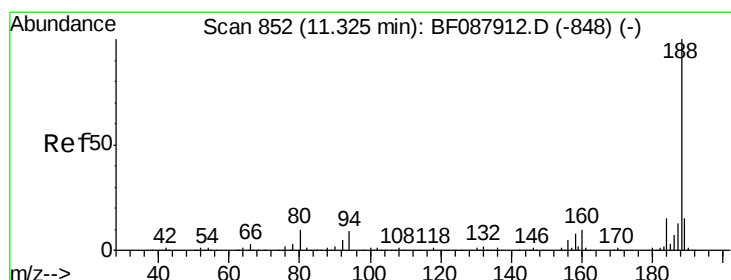
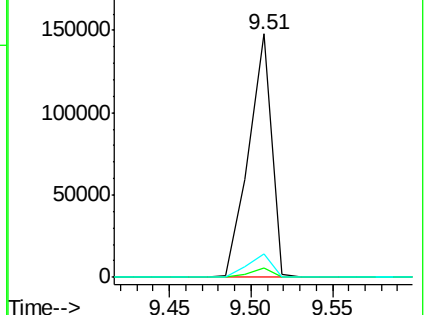
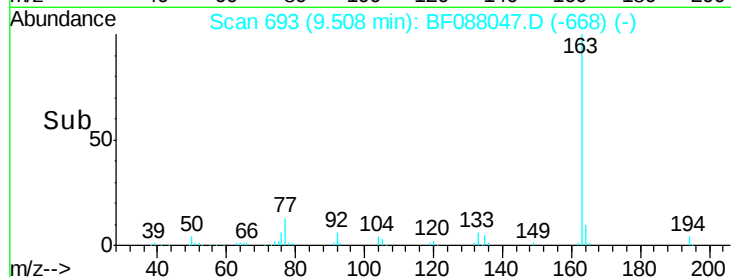
164 9.5 8.3 12.5



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: 20.00 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF088047.D

Acq: 15 Jun 2016 21:36

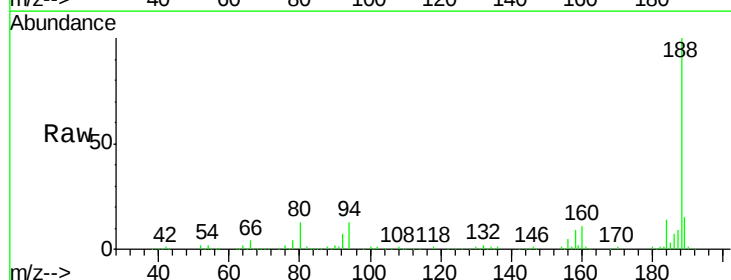
Tgt Ion:188 Resp: 258052

Ion Ratio Lower Upper

188 100

94 12.5 9.0 13.6

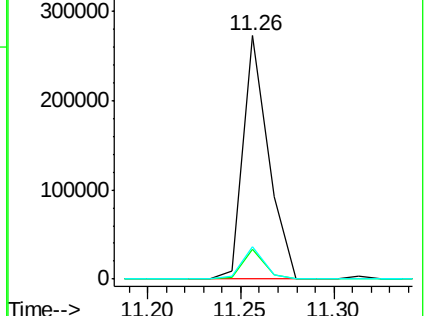
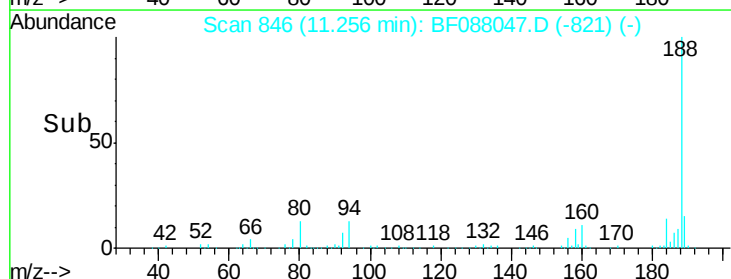
80 13.3 10.0 15.0

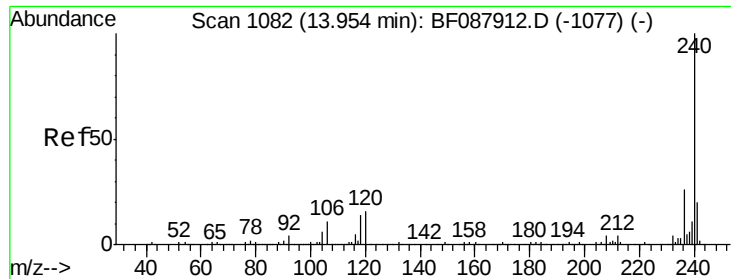


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BF088047.D

Acq: 15 Jun 2016 21:36

Instrument :

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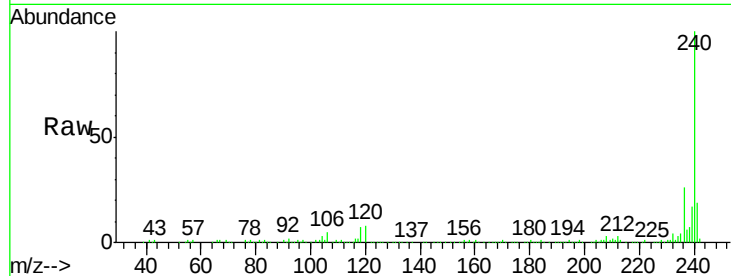
Tot Ion:240 Resp: 222201

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

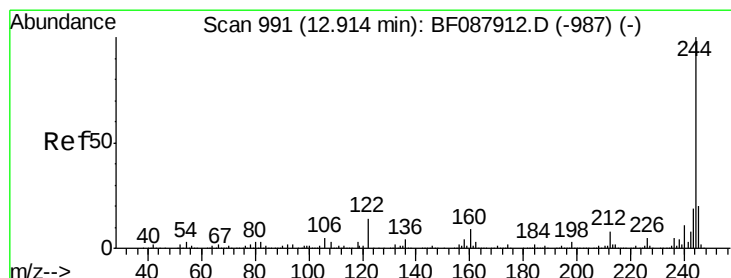
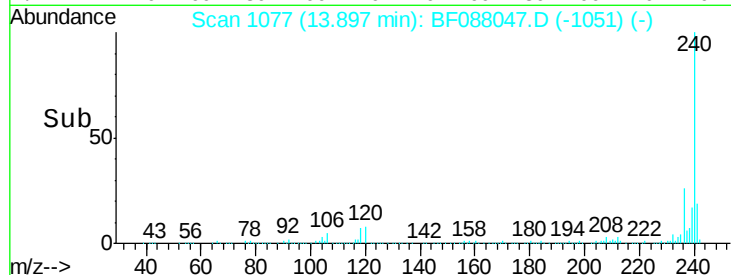
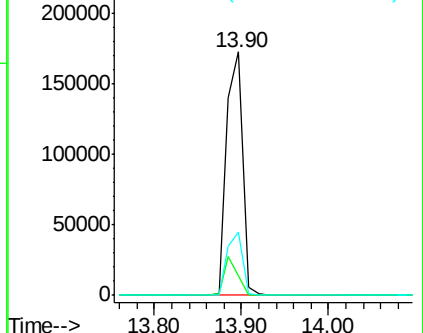
236 25.8 20.2 30.2



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: 52.37 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF088047.D

Acq: 15 Jun 2016 21:36

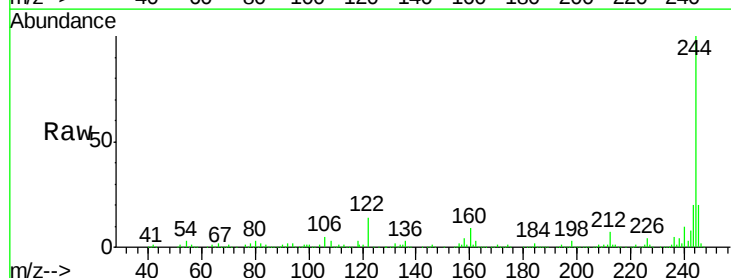
Tgt Ion:244 Resp: 511396

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

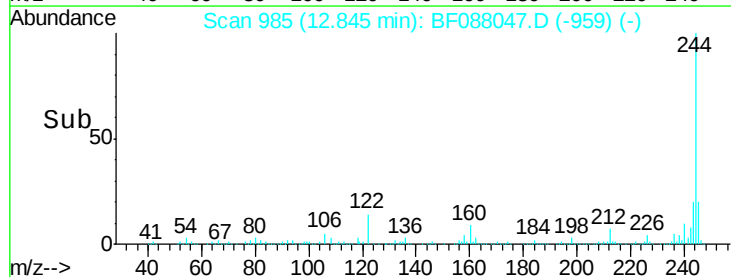
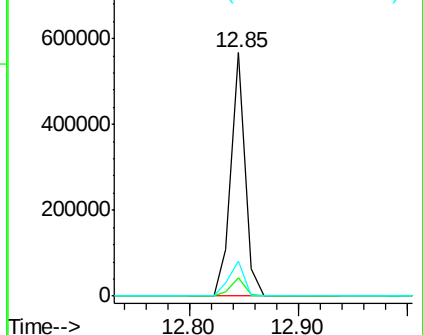
122 14.4 11.2 16.8

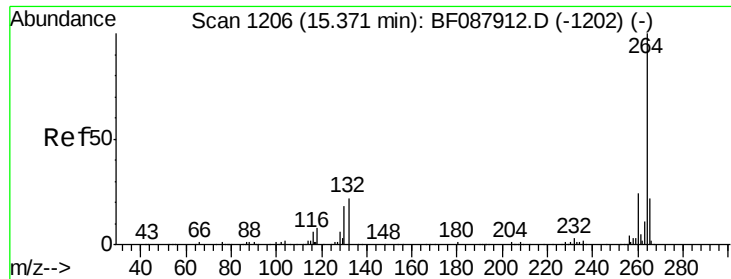


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

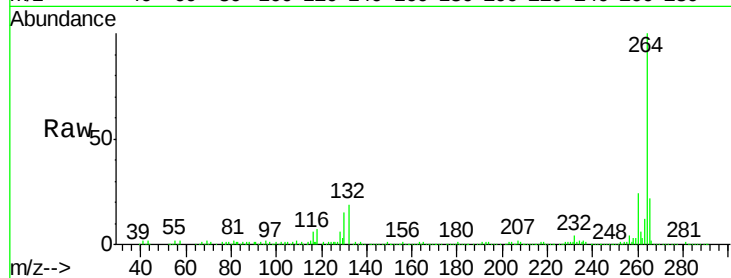




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF088047.D
Acq: 15 Jun 2016 21:36

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-06142016

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	16.9	25.3



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

