

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088794.D
 Acq On : 7 Jul 2016 22:37
 Operator : UM/SJ
 Sample : H3830-04RE
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-018RE

Quant Time: Jul 08 03:22:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 01:56:42 2016
 Response via : Initial Calibration

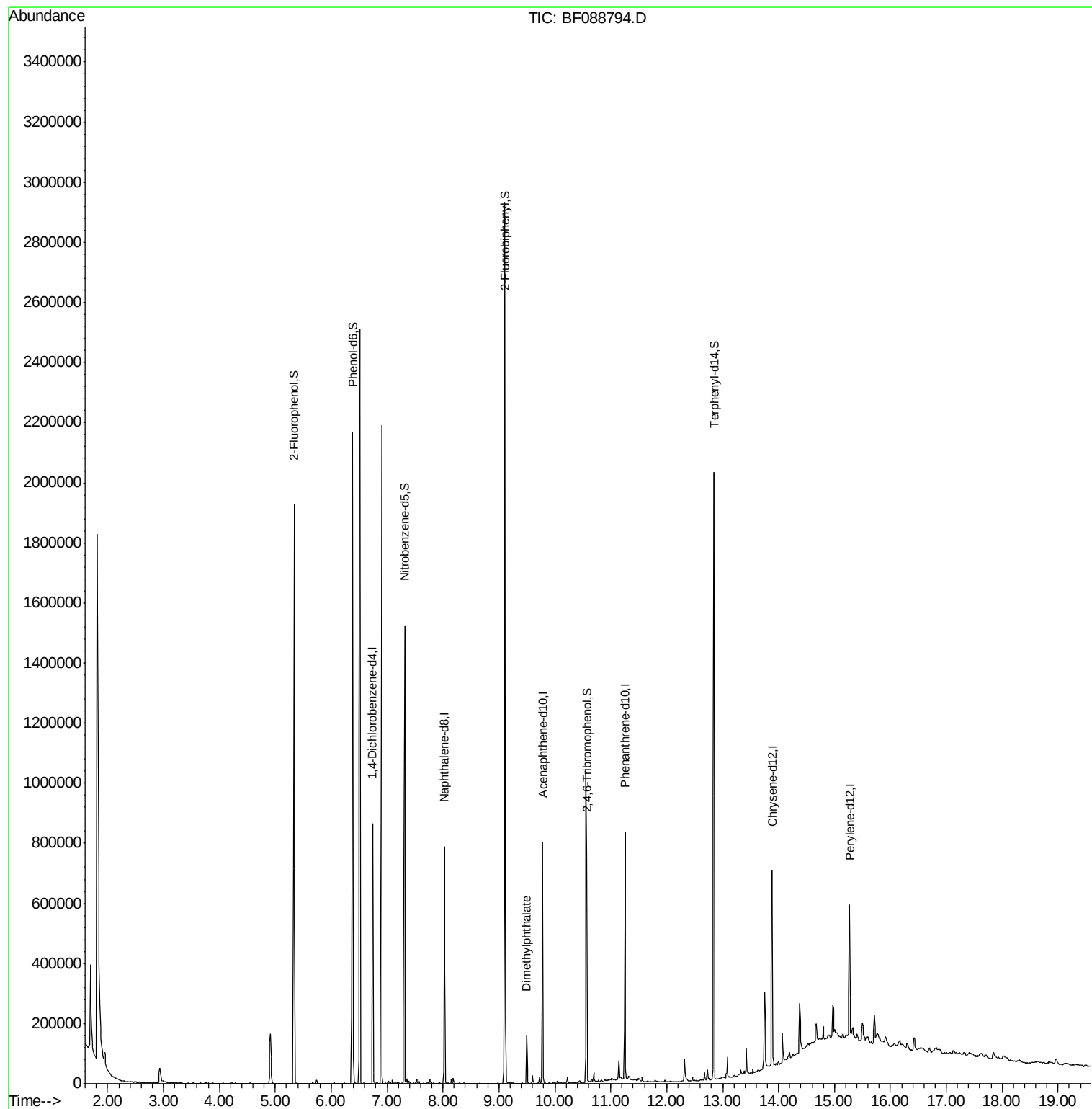
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	114747	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	403243	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	176789	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	276075	20.00	ng	0.00
75) Chrysene-d12	13.89	240	230167	20.00	ng	0.00
86) Perylene-d12	15.27	264	183218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	649138	84.78	ng	0.01
7) Phenol-d6	6.39	99	898229	90.79	ng	0.00
23) Nitrobenzene-d5	7.31	82	653774	84.96	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	172351	104.99	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	853606	76.27	ng	0.00
78) Terphenyl-d14	12.85	244	667697	64.61	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	64668	5.13	ng	Qvalue 100

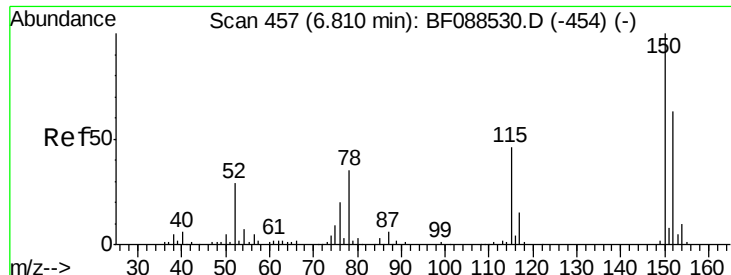
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088794.D

Acq: 7 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-018RE

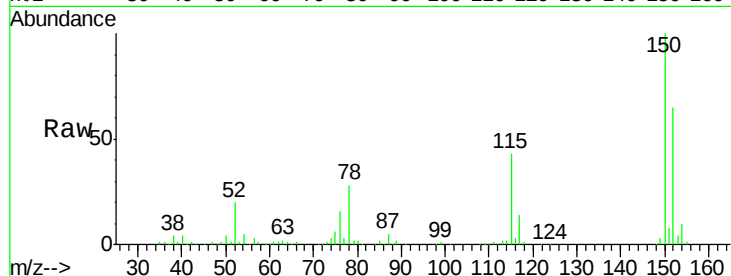
Tgt Ion:152 Resp: 114747

Ion Ratio Lower Upper

152 100

150 153.1 123.8 185.6

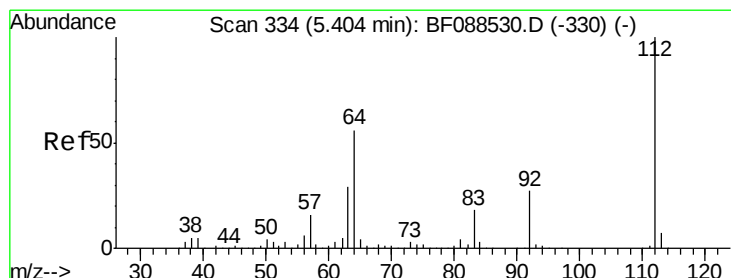
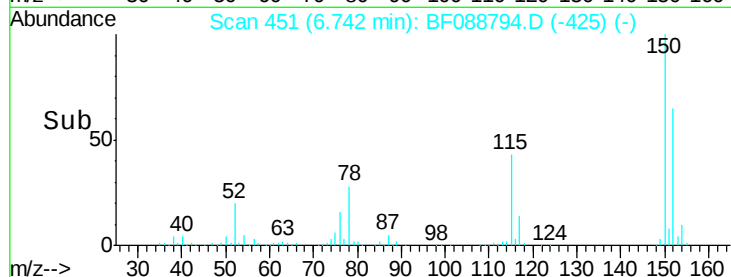
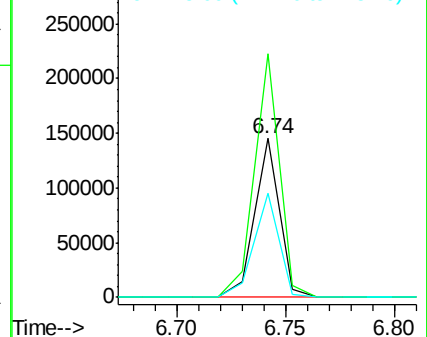
115 65.6 39.6 59.4#



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: 84.78 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

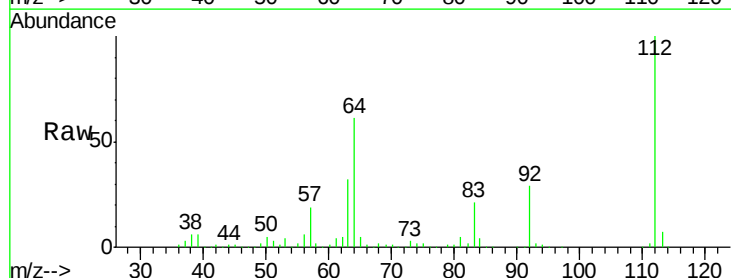
Tgt Ion:112 Resp: 649138

Ion Ratio Lower Upper

112 100

64 60.7 42.2 63.2

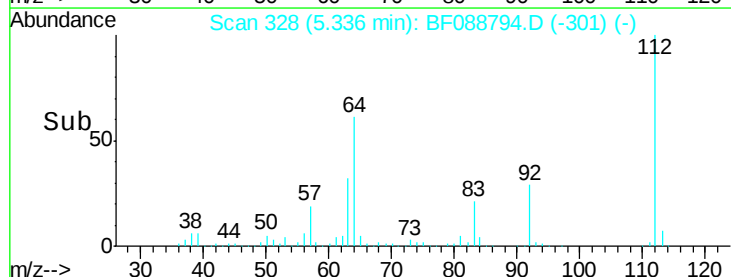
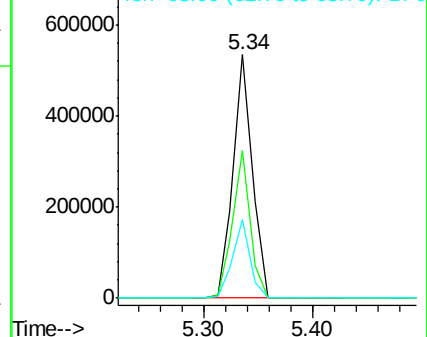
63 32.2 21.8 32.8

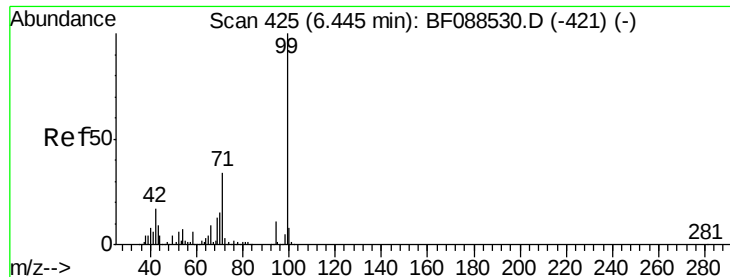


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.79 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-018RE

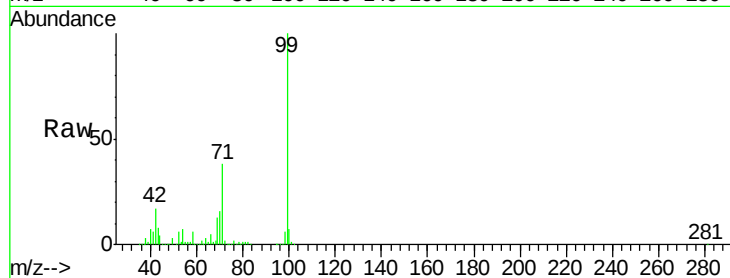
Tgt Ion: 99 Resp: 898229

Ion Ratio Lower Upper

99 100

42 17.1 12.2 18.2

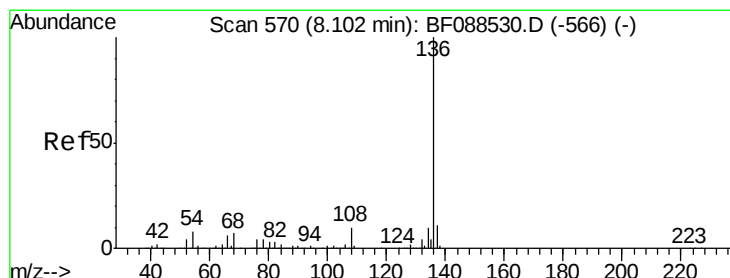
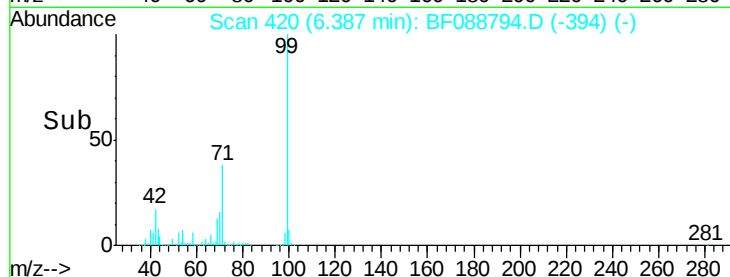
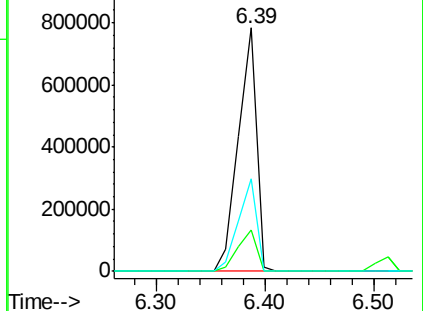
71 37.8 23.4 35.0#



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: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

Tgt Ion: 136 Resp: 403243

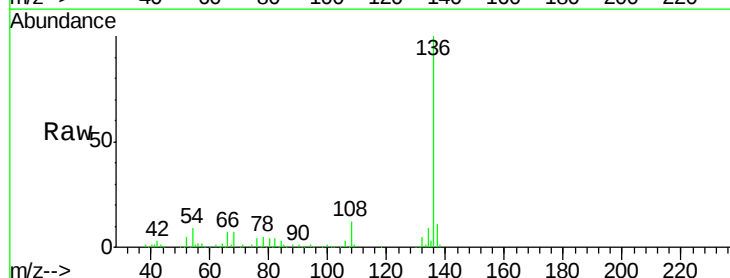
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.3 6.6 10.0

68 7.4 5.1 7.7

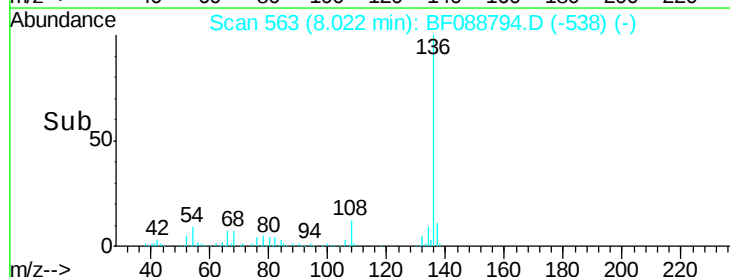
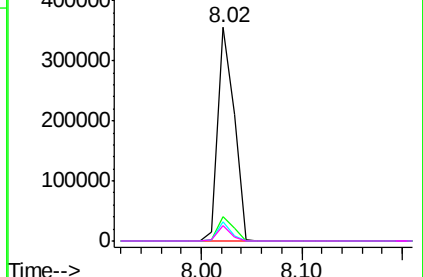


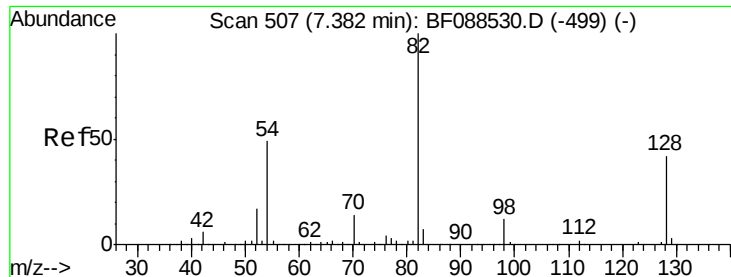
Abundance Ion 136.00 (135.70 to 136.70): E

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

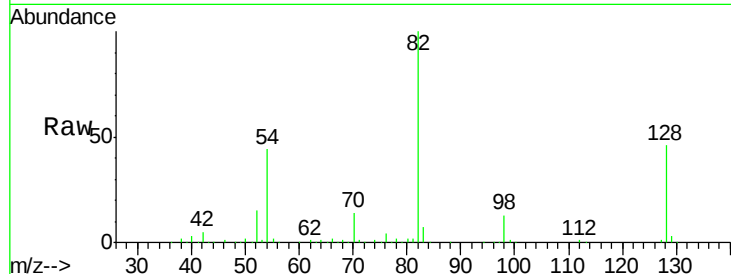




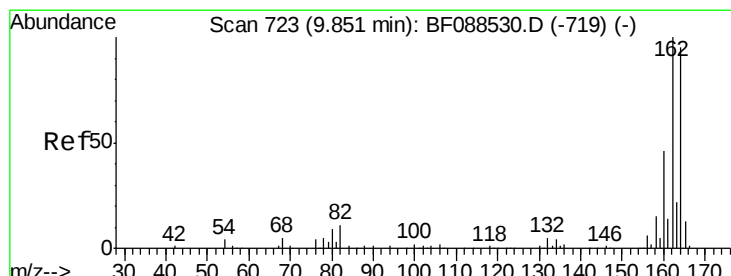
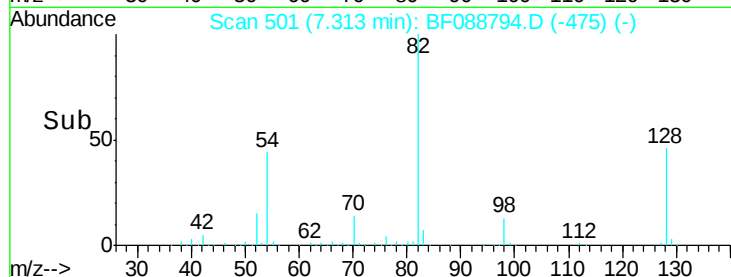
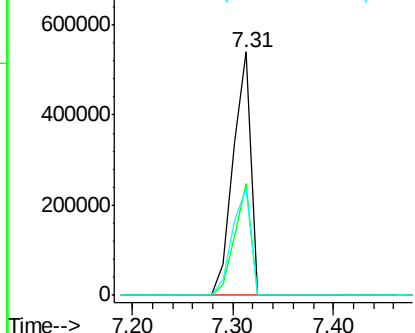
#23
 Nitrobenzene-d5
 Concen: 84.96 ng
 RT: 7.31 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF088794.D
 Acq: 7 Jul 2016 22:37

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-018RE

Tgt Ion: 82 Resp: 653774
 Ion Ratio Lower Upper
 82 100
 128 46.2 35.9 53.9
 54 43.9 40.9 61.3

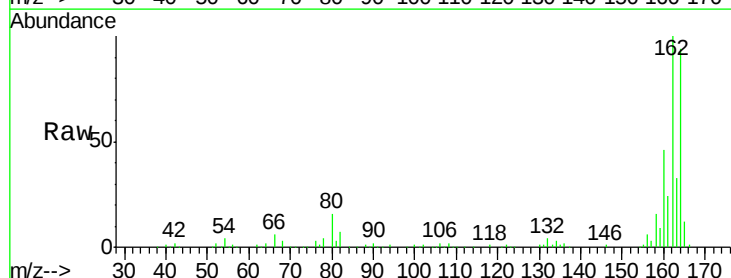


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

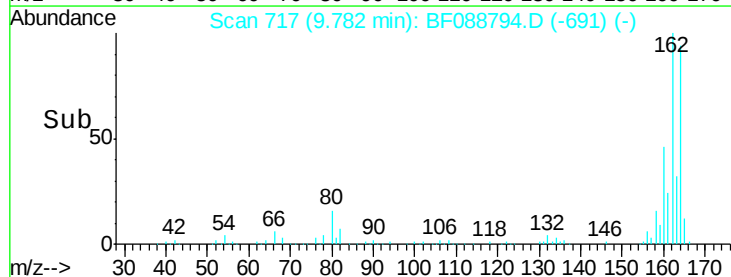
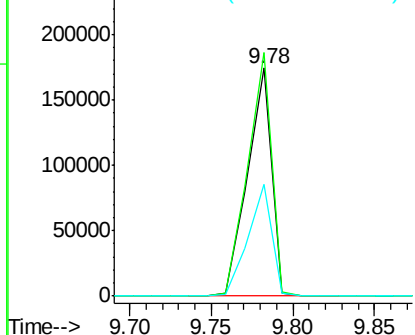


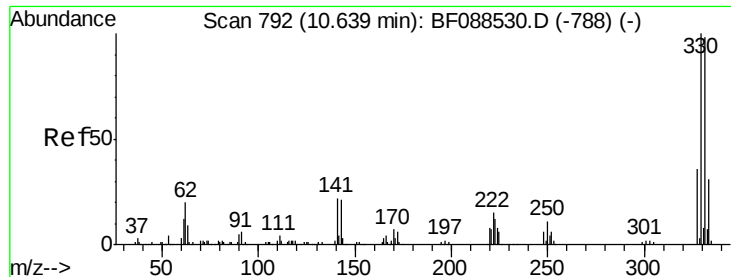
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088794.D
 Acq: 7 Jul 2016 22:37

Tgt Ion: 164 Resp: 176789
 Ion Ratio Lower Upper
 164 100
 162 106.8 85.4 128.2
 160 49.2 39.5 59.3



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

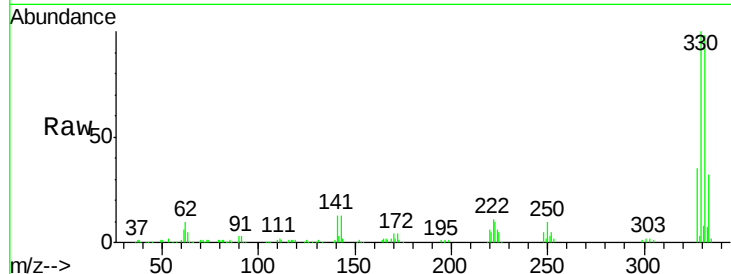




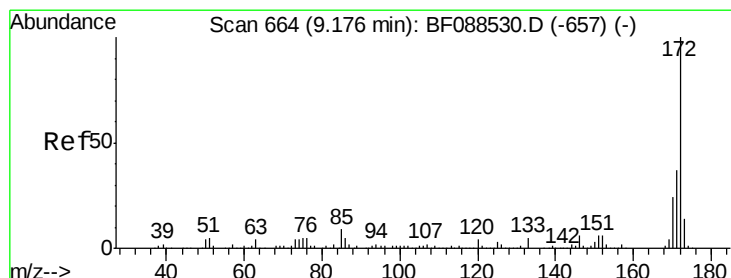
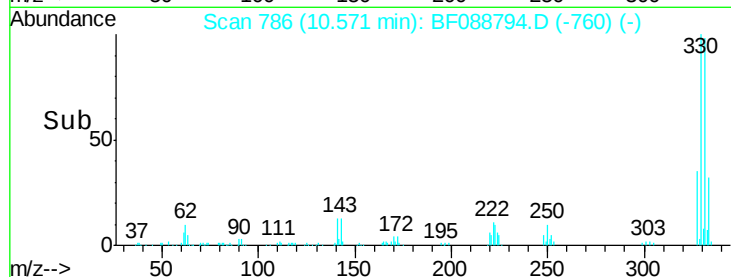
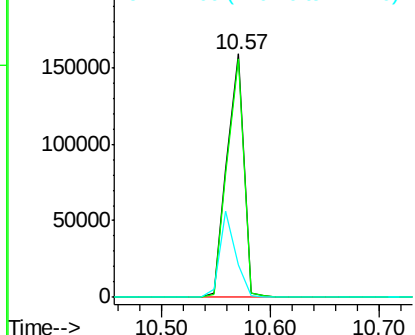
#41
 2,4,6-Tribromophenol
 Concen: 104.99 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088794.D
 Acq: 7 Jul 2016 22:37

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-018RE

Tgt Ion:330 Resp: 172351
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 33.4 0.0 0.0#

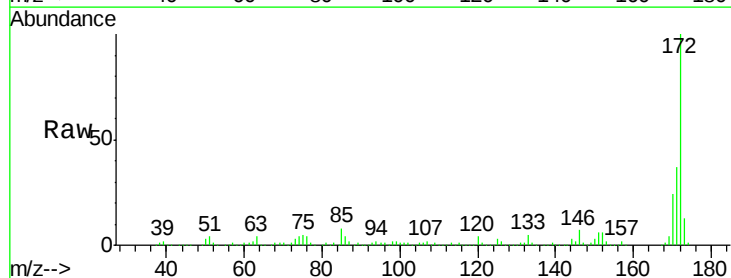


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

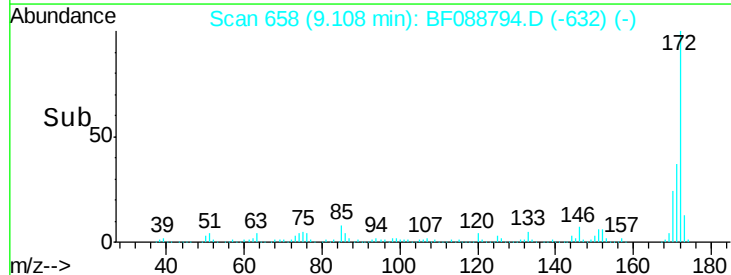
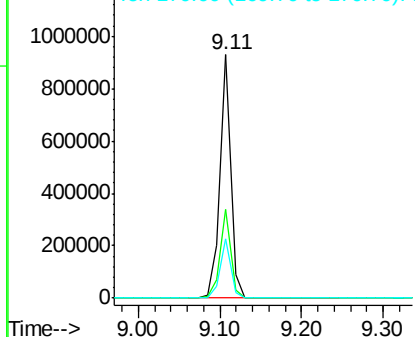


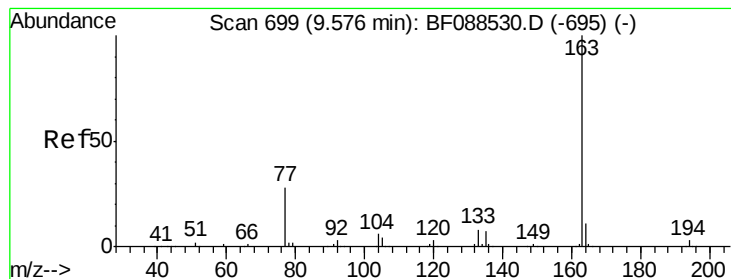
#44
 2-Fluorobiphenyl
 Concen: 76.27 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088794.D
 Acq: 7 Jul 2016 22:37

Tgt Ion:172 Resp: 853606
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.2 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: 5.13 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-018RE

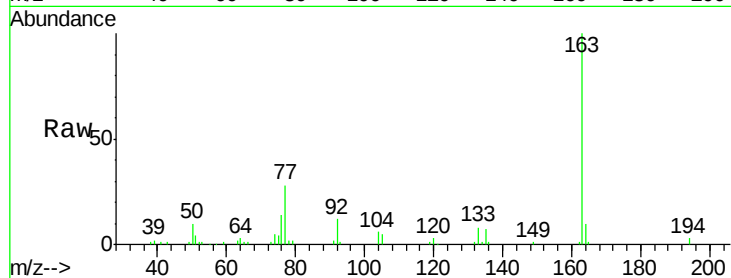
Tgt Ion:163 Resp: 64668

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

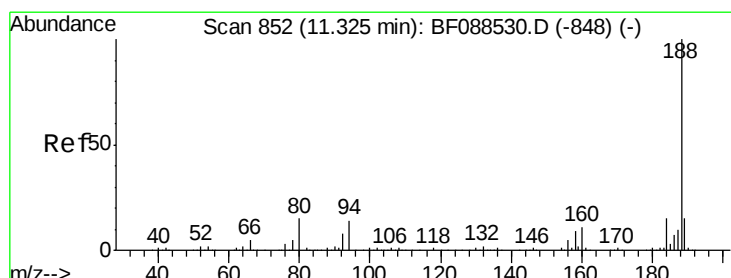
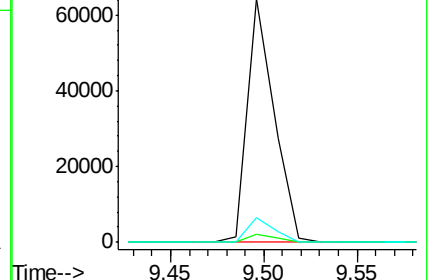
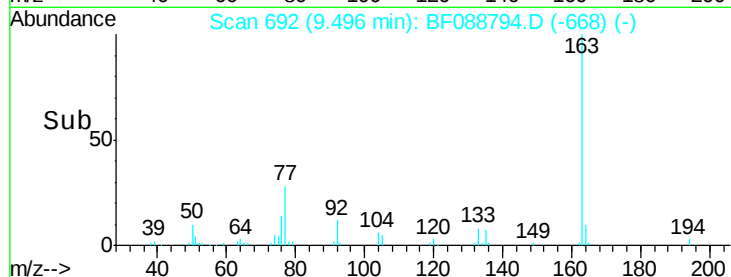
164 10.4 8.3 12.5



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. 0.00 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

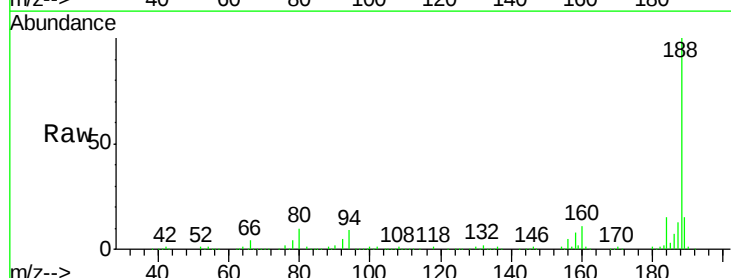
Tgt Ion:188 Resp: 276075

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.6

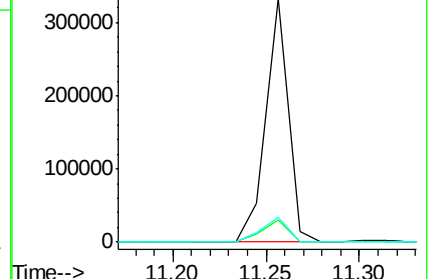
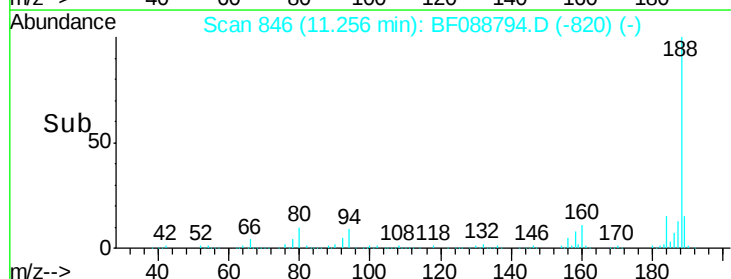
80 10.1 10.0 15.0

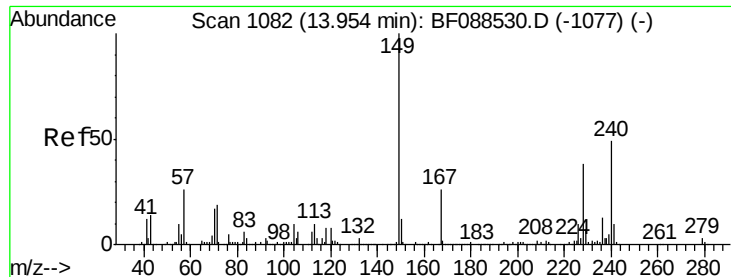


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-018RE

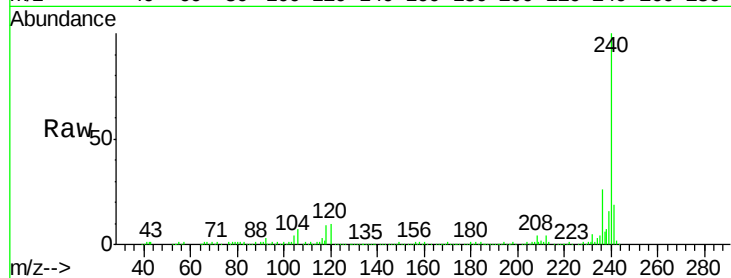
Tgt Ion:240 Resp: 230167

Ion Ratio Lower Upper

240 100

120 9.9 6.8 10.2

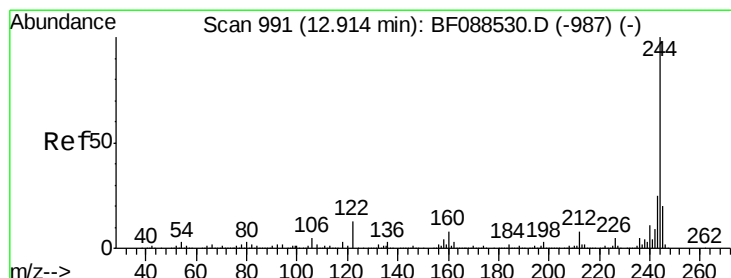
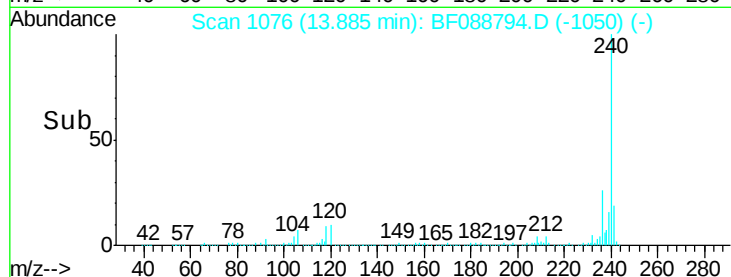
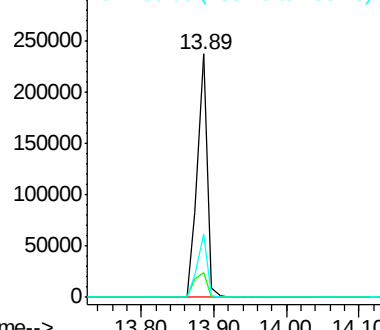
236 26.0 20.2 30.2



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: 64.61 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF088794.D

Acq: 7 Jul 2016 22:37

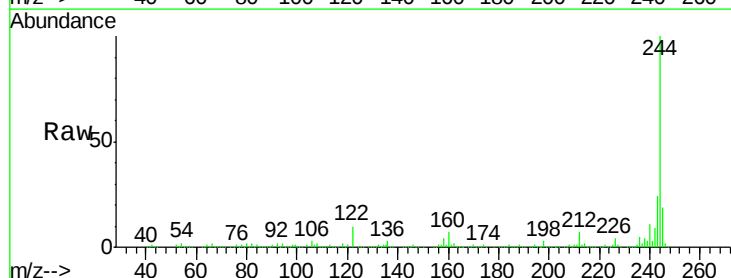
Tgt Ion:244 Resp: 667697

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

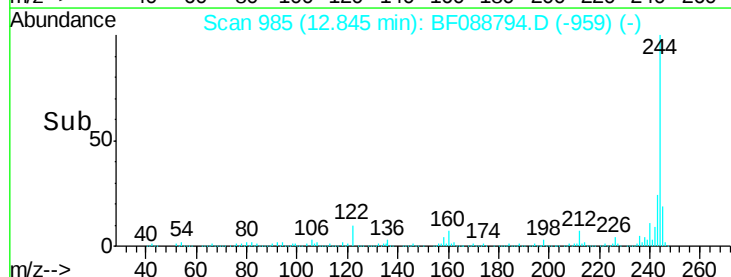
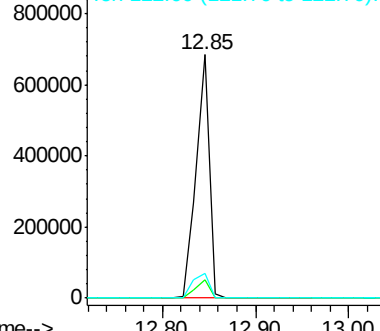
122 10.2 11.2 16.8#

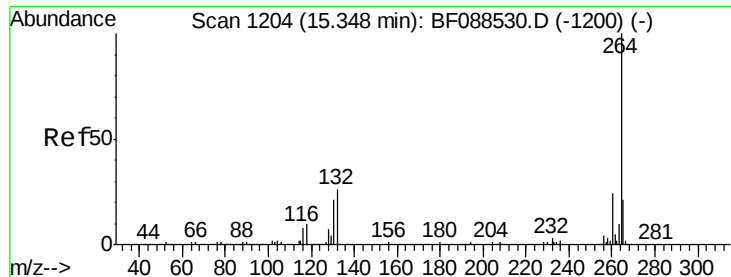


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

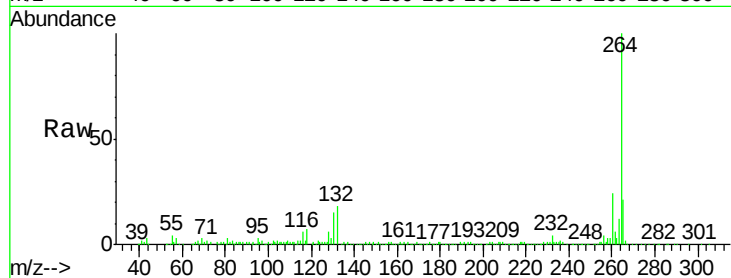




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF088794.D
Acq: 7 Jul 2016 22:37

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-018RE

Tgt Ion: 264 Resp: 183218
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.0 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

