

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088790.D
 Acq On : 7 Jul 2016 20:40
 Operator : UM/SJ
 Sample : H3829-05RE
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-014RE

Quant Time: Jul 08 03:13:40 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

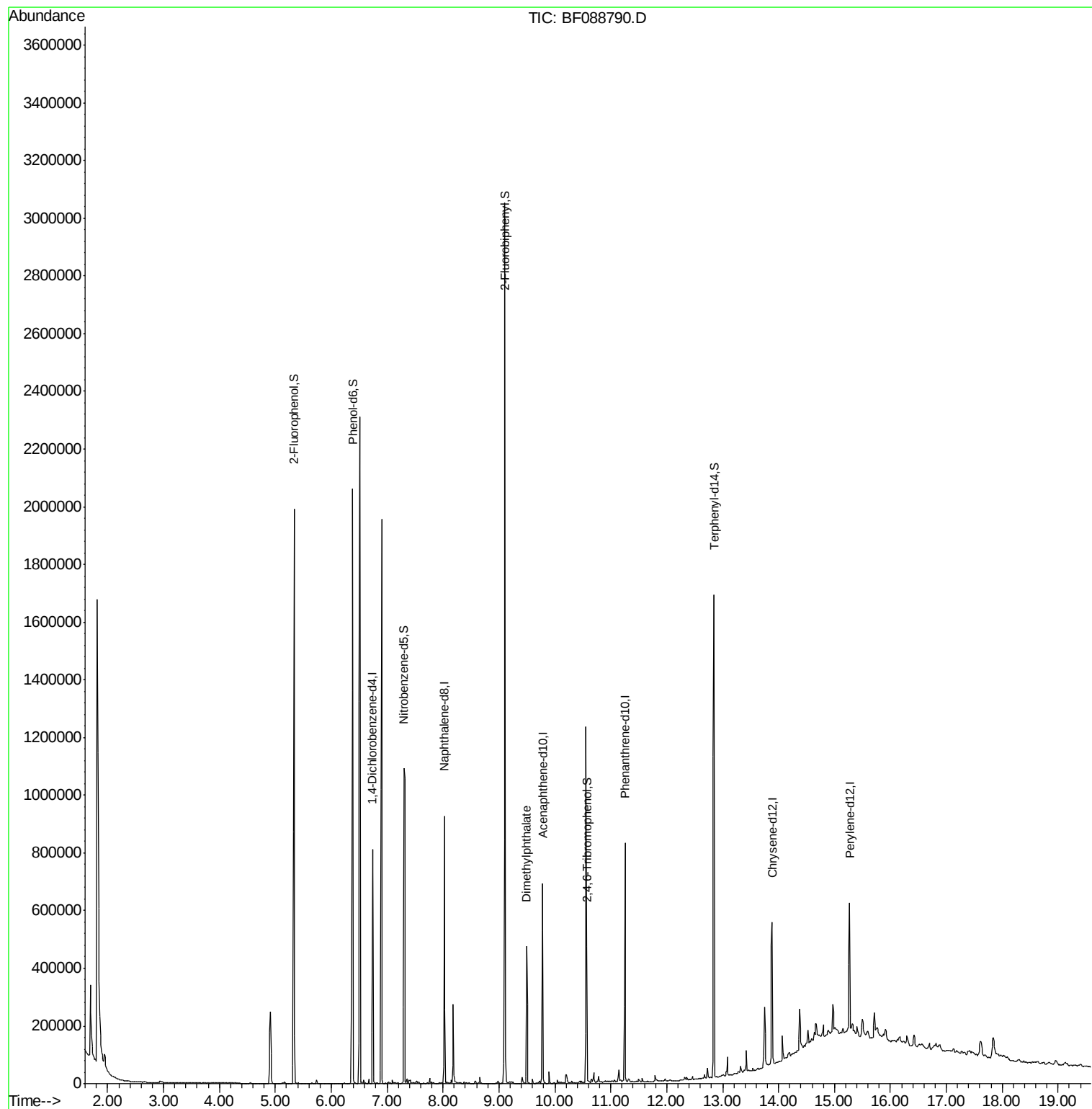
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	115377	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	407488	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	179839	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	299510	20.00	ng	0.00
75) Chrysene-d12	13.89	240	220135	20.00	ng	0.00
86) Perylene-d12	15.27	264	195071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	603163	78.35	ng	0.01
7) Phenol-d6	6.39	99	942762	94.77	ng	0.00
23) Nitrobenzene-d5	7.30	82	591404	76.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	165426	99.06	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	894387	78.56	ng	0.00
78) Terphenyl-d14	12.85	244	635957	64.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	240560	18.78	ng	Qvalue 99

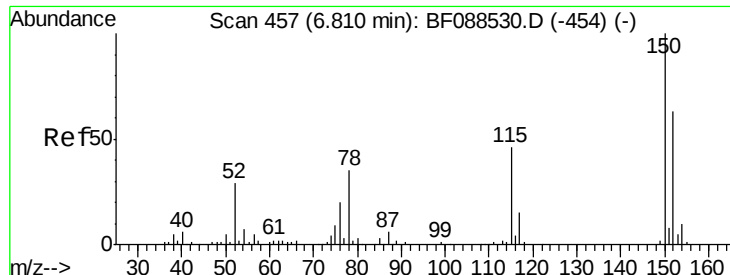
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088790.D

Acq: 7 Jul 2016 20:40

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TILCON-GF-014RE

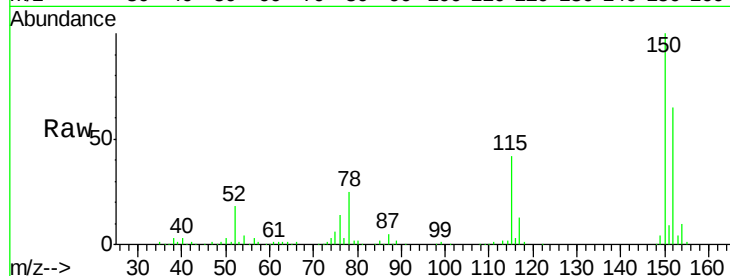
Tgt Ion:152 Resp: 115377

Ion Ratio Lower Upper

152 100

150 153.7 123.8 185.6

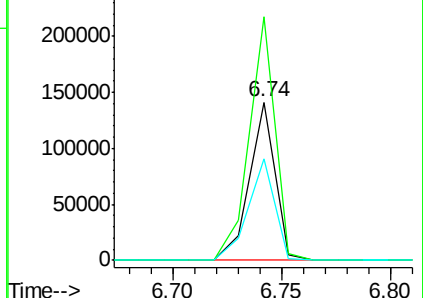
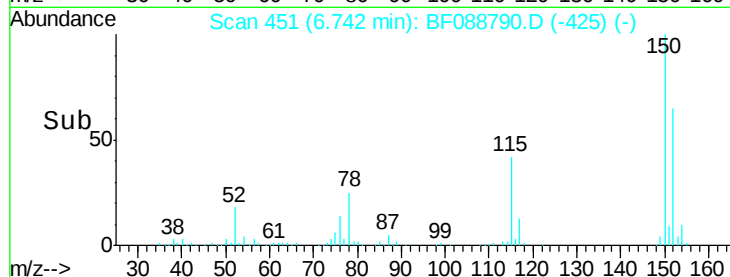
115 63.8 39.6 59.4#



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: 78.35 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

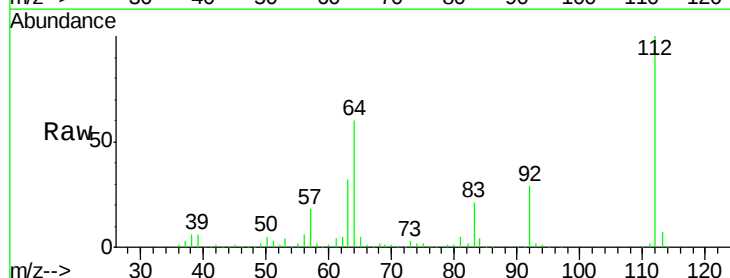
Tgt Ion:112 Resp: 603163

Ion Ratio Lower Upper

112 100

64 59.8 42.2 63.2

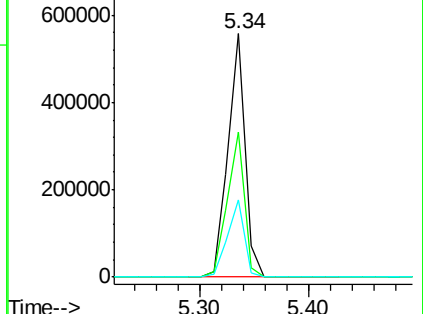
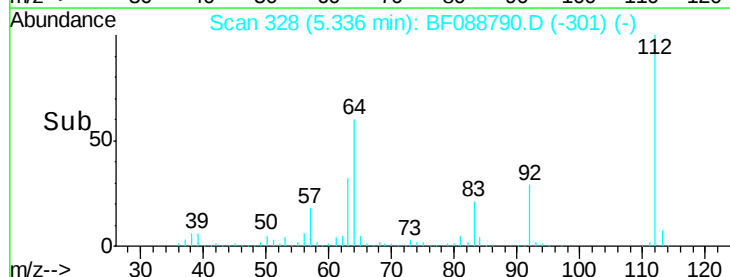
63 32.0 21.8 32.8



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: 94.77 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-014RE

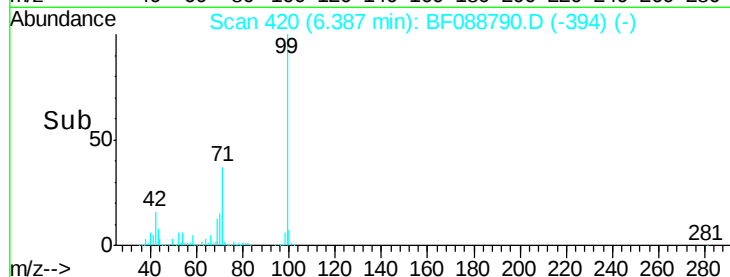
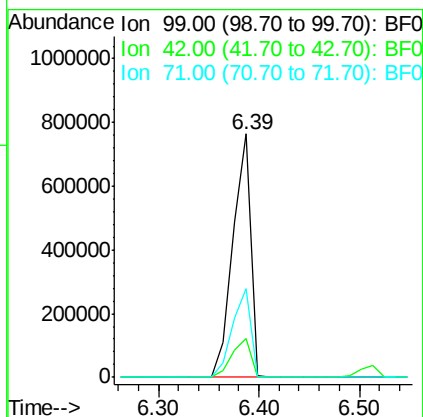
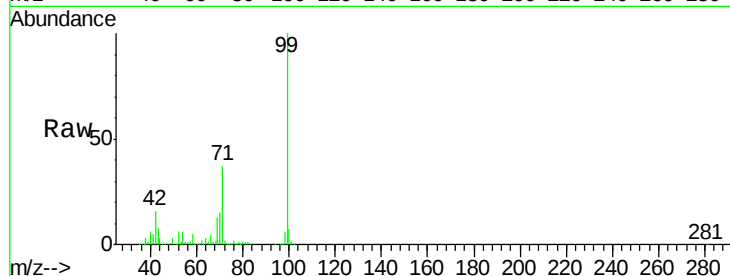
Tgt Ion: 99 Resp: 942762

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

71 36.7 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

Tgt Ion: 136 Resp: 407488

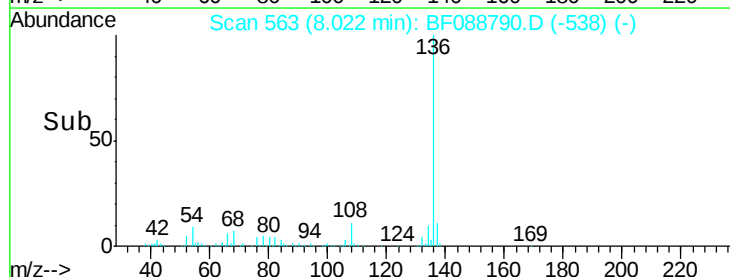
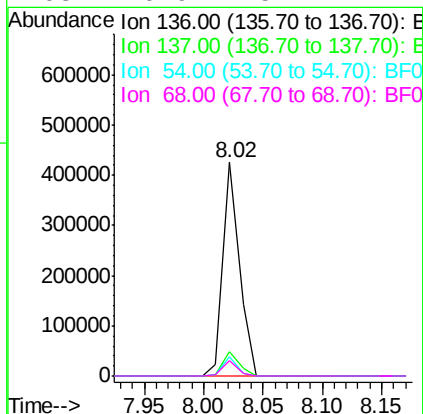
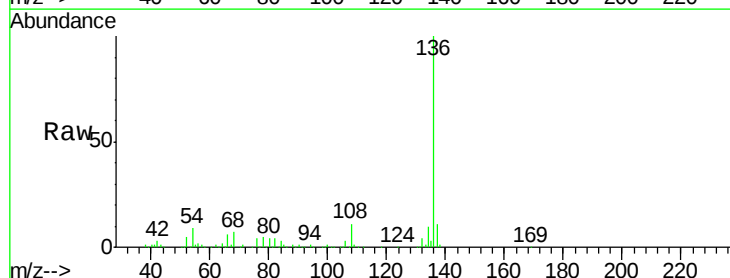
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.8 6.6 10.0

68 6.9 5.1 7.7

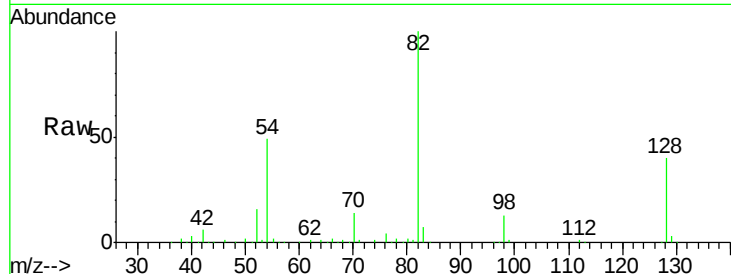




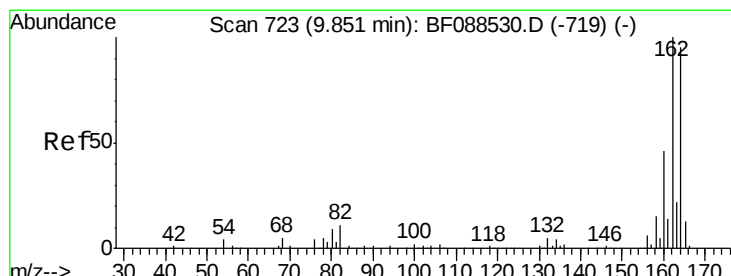
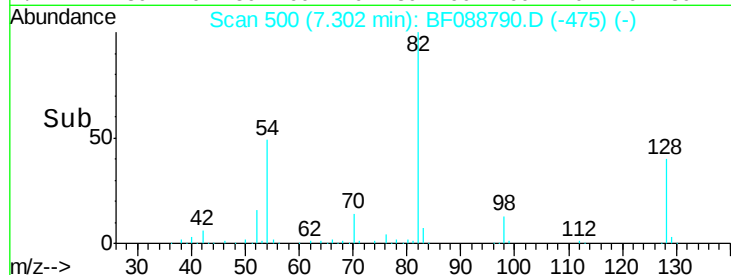
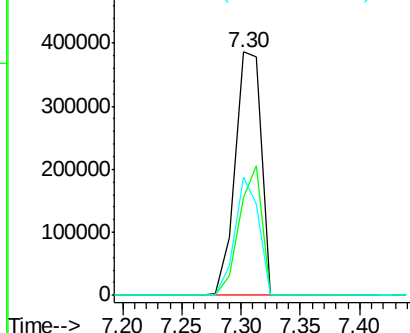
#23
 Nitrobenzene-d5
 Concen: 76.06 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF088790.D
 Acq: 7 Jul 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-014RE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	35.9	53.9
54	48.7	40.9	61.3

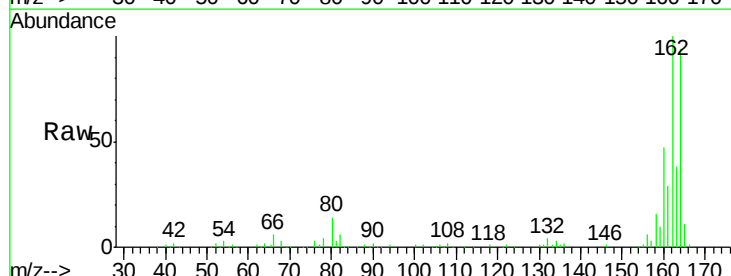


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

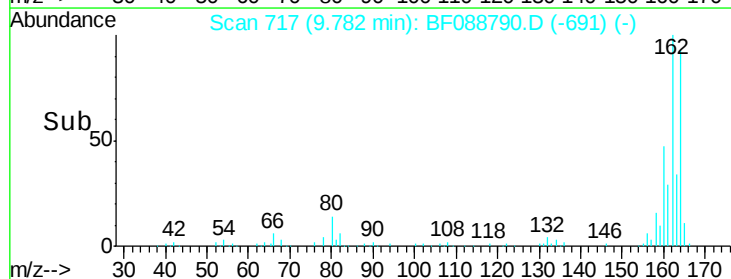
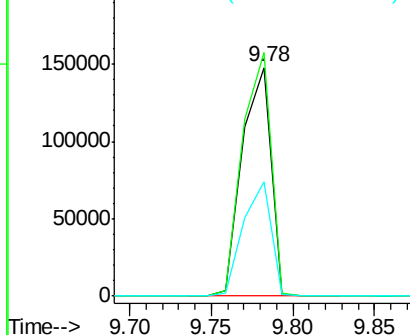


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088790.D
 Acq: 7 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	85.4	128.2
160	50.2	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

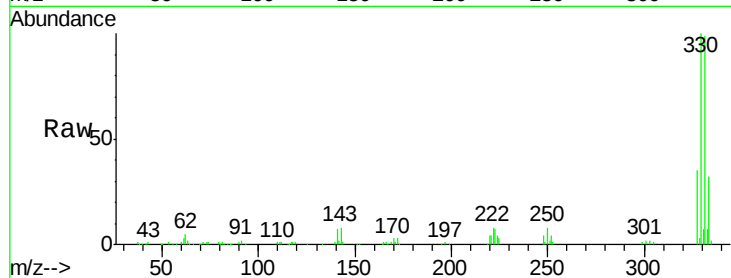




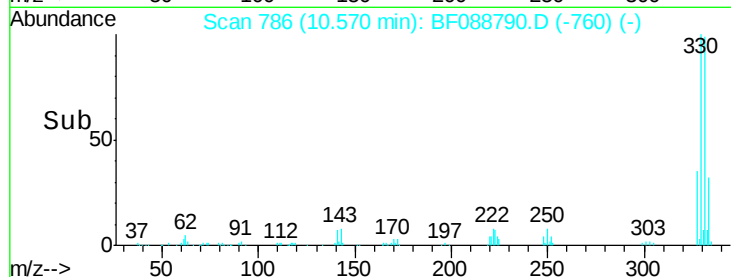
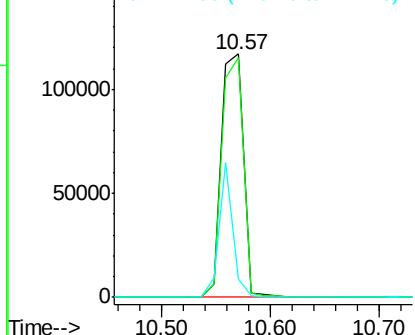
#41
 2,4,6-Tribromophenol
 Concen: 99.06 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088790.D
 Acq: 7 Jul 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-014RE

Tgt Ion:330 Resp: 165426
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 34.9 0.0 0.0#

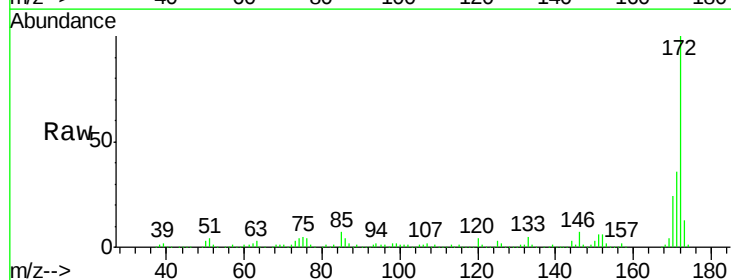


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

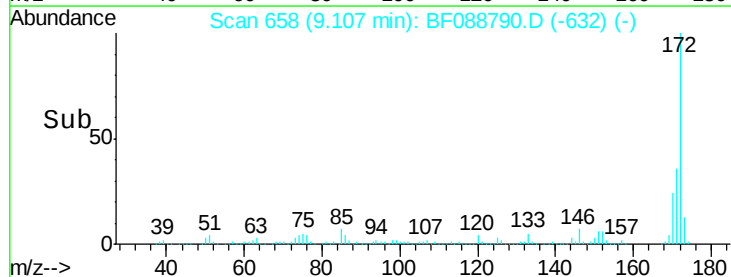
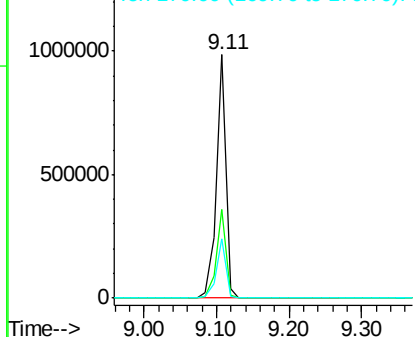


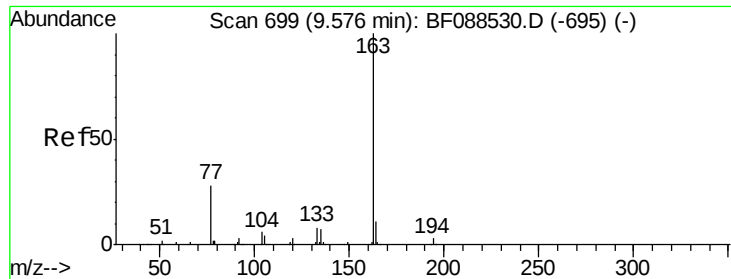
#44
 2-Fluorobiphenyl
 Concen: 78.56 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088790.D
 Acq: 7 Jul 2016 20:40

Tgt Ion:172 Resp: 894387
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

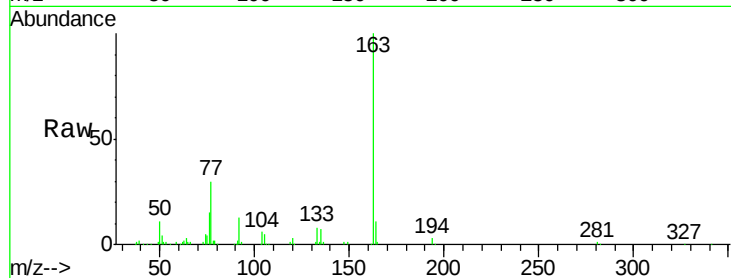




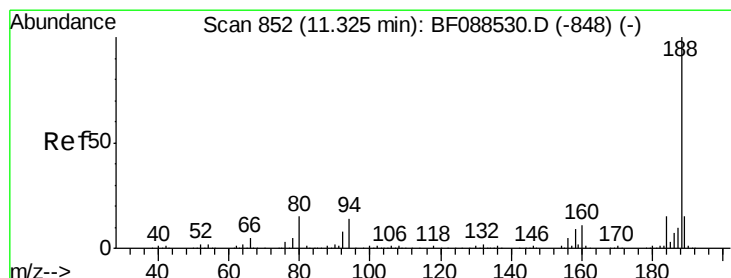
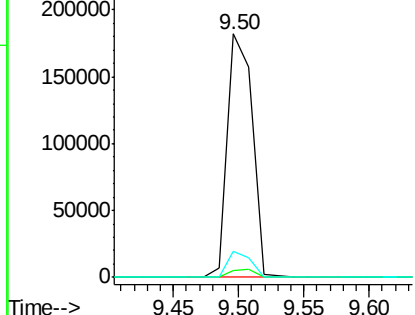
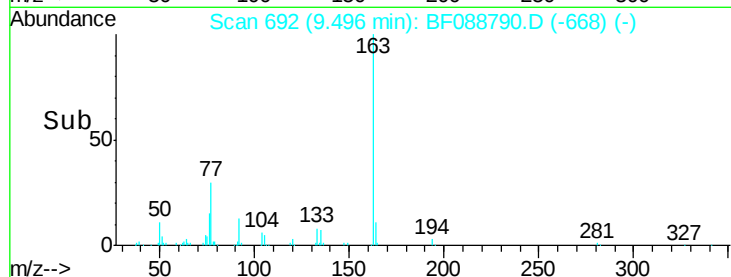
#49
Dimethylphthalate
Concen: 18.78 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.02 min
Lab File: BF088790.D
Acq: 7 Jul 2016 20:40

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-014RE

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.5	8.3	12.5

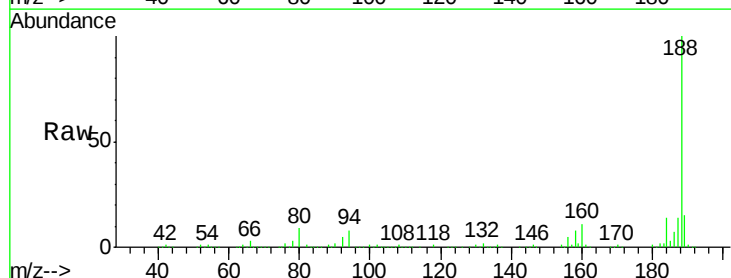


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

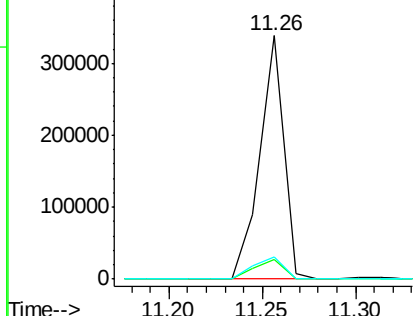
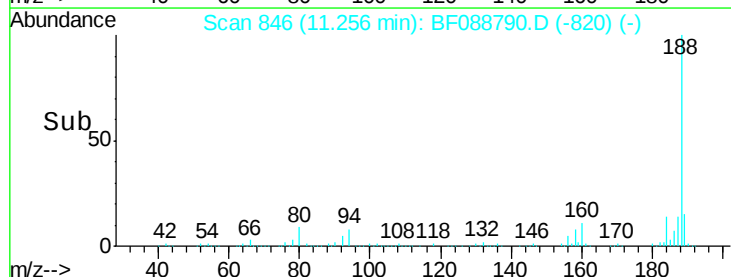


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088790.D
Acq: 7 Jul 2016 20:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.6#
80	9.0	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: BF088790.D

Acq: 7 Jul 2016 20:40

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-014RE

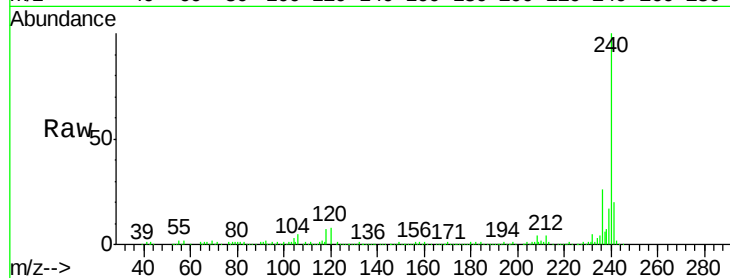
Tgt Ion:240 Resp: 220135

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

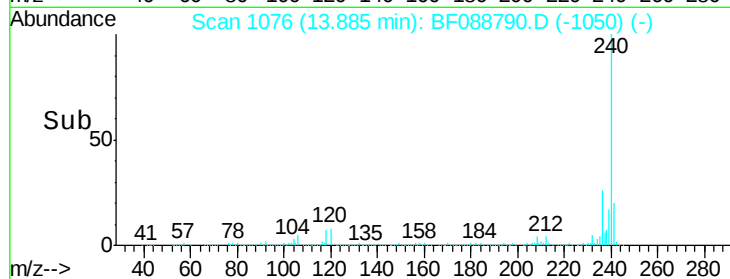
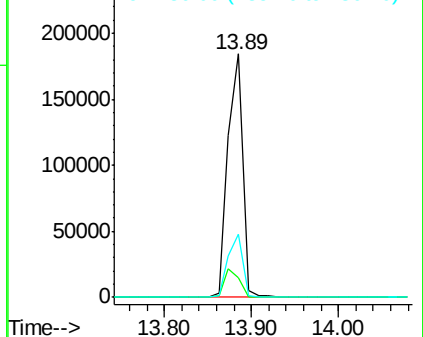
236 26.0 20.2 30.2



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: 64.35 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF088790.D

Acq: 7 Jul 2016 20:40

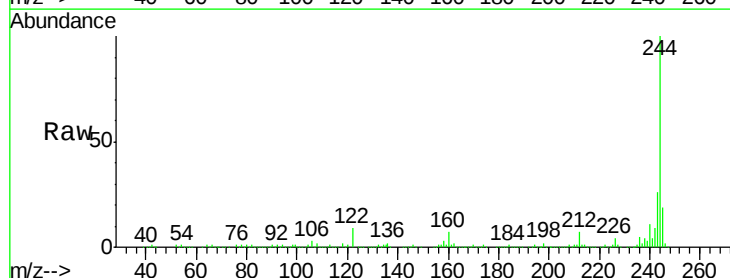
Tgt Ion:244 Resp: 635957

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

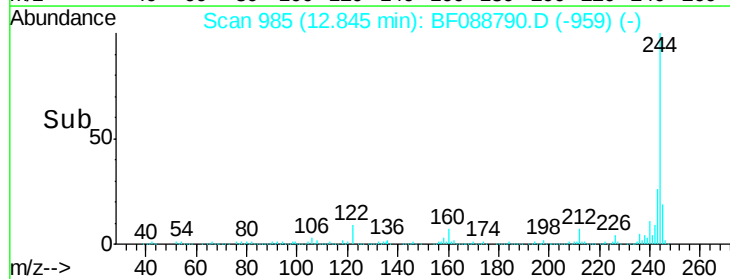
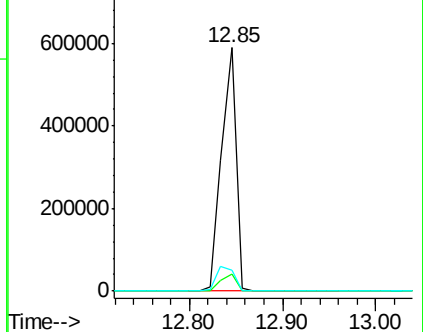
122 8.5 11.2 16.8#

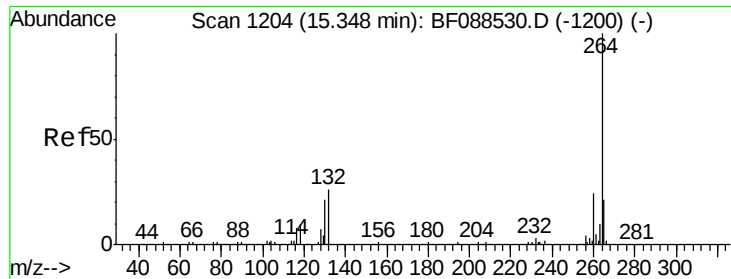


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088790.D
Acq: 7 Jul 2016 20:40

Instrument :
BNA_F
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Tgt Ion: 264 Resp: 195071
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.3 16.9 25.3

