

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
 Data File : BF088519.D
 Acq On : 30 Jun 2016 4:47
 Operator : UM/SJ
 Sample : H3830-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-015

Quant Time: Jun 30 06:00:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 02:07:38 2016
 Response via : Initial Calibration

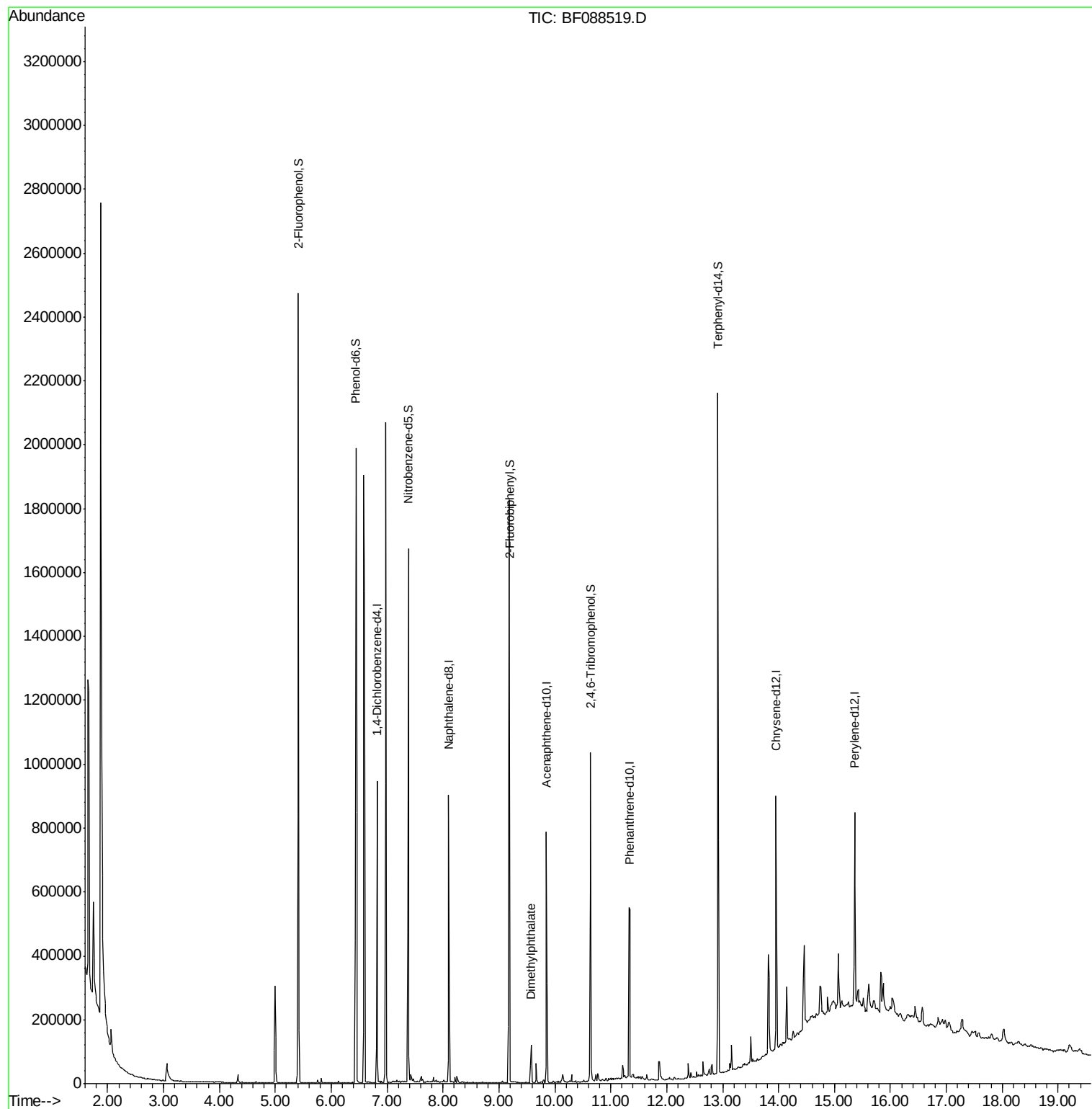
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	122861	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	408821	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	158873	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	284827	20.00	ng	0.00
75) Chrysene-d12	13.95	240	284856	20.00	ng	-0.01
86) Perylene-d12	15.36	264	283905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	660115	83.20	ng	0.00
7) Phenol-d6	6.44	99	837607	82.56	ng	-0.01
23) Nitrobenzene-d5	7.38	82	532908	68.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	134212	110.18	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	819498	81.79	ng	0.00
78) Terphenyl-d14	12.91	244	656573	43.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	55046	2.14	ng	Qvalue 97

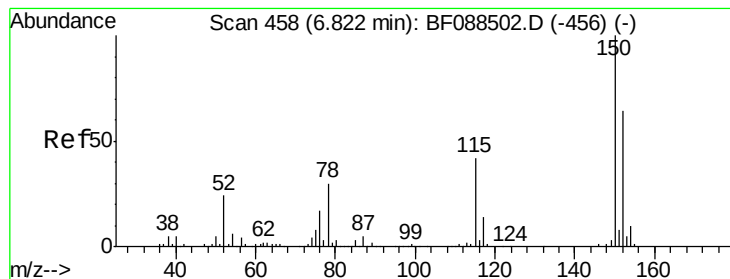
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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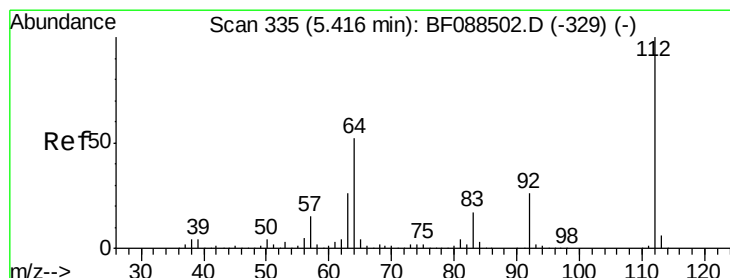
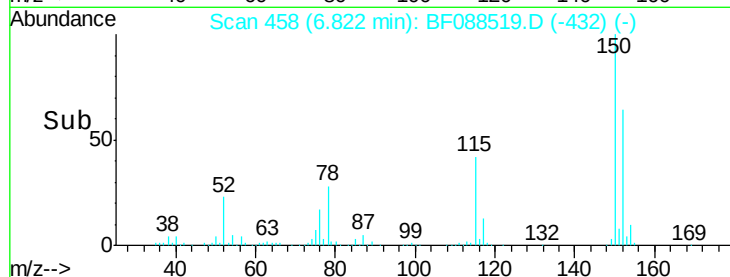
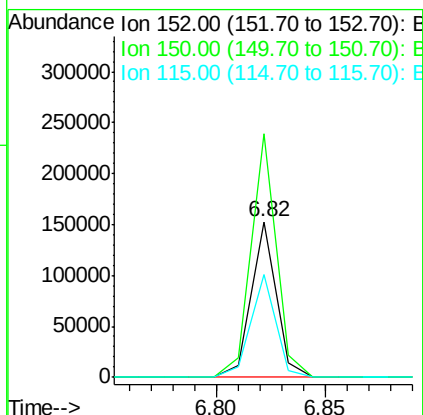
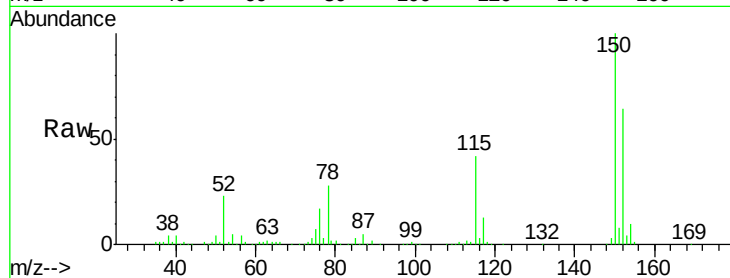




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF088519.D
 Acq: 30 Jun 2016 4:47

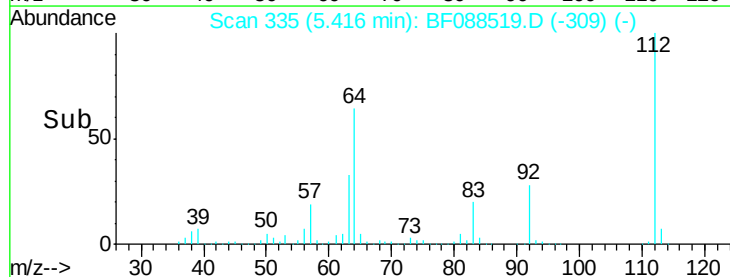
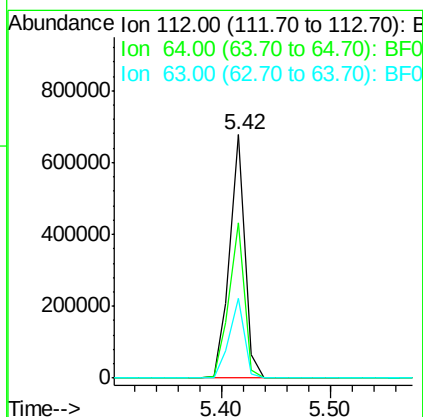
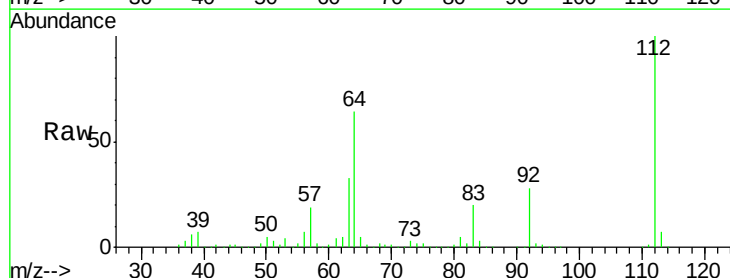
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-015

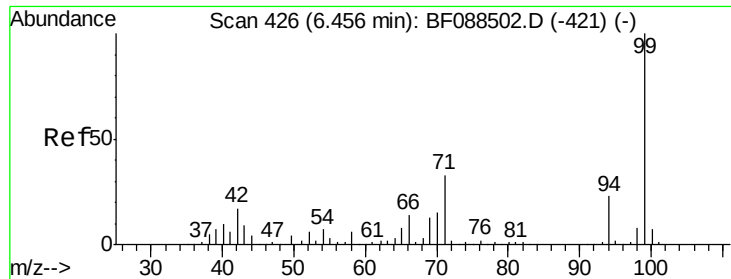
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.5	186.7
115	65.8	52.3	78.5



#5
 2-Fluorophenol
 Concen: 83.20 ng
 RT: 5.42 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: BF088519.D
 Acq: 30 Jun 2016 4:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	41.5	62.3#
63	32.8	20.6	31.0#





#7

Phenol-d6

Concen: 82.56 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF088519.D

Acq: 30 Jun 2016 4:47

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-015

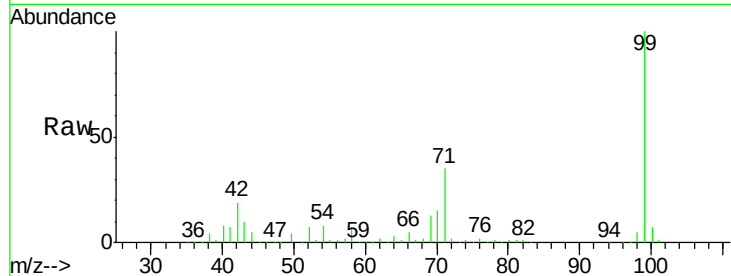
Tot Ion: 99 Resp: 837607

Ion Ratio Lower Upper

99 100

42 19.1 13.4 20.0

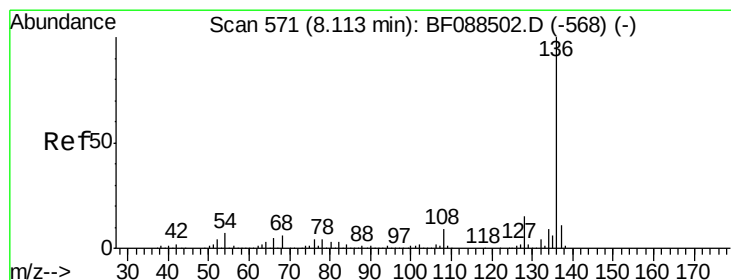
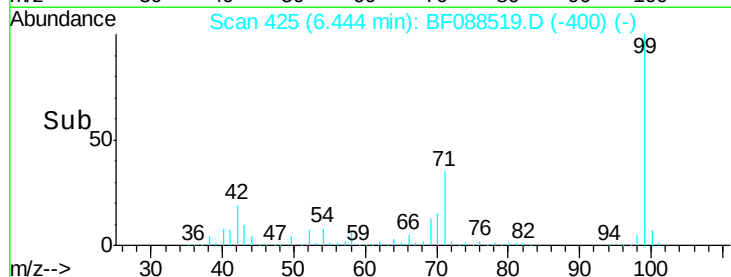
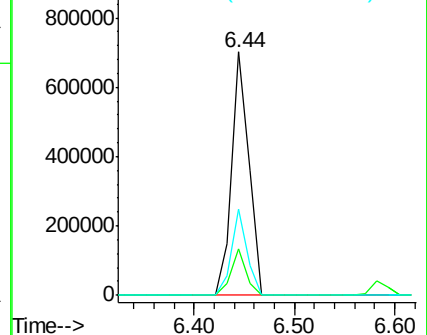
71 35.5 26.1 39.1



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: 8.10 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF088519.D

Acq: 30 Jun 2016 4:47

Tgt Ion: 136 Resp: 408821

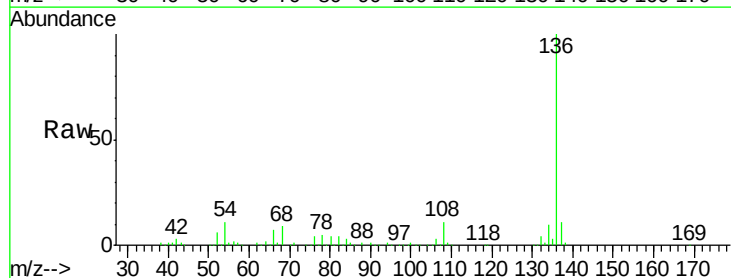
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.6 5.4 8.2#

68 8.7 4.9 7.3#

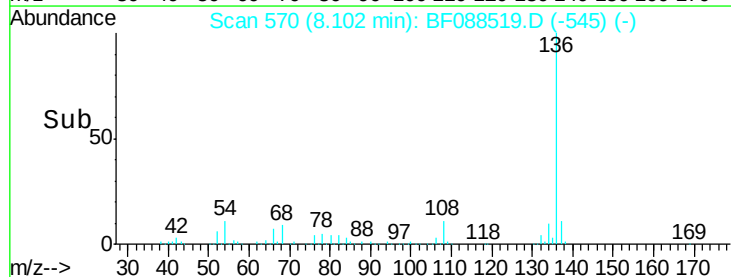
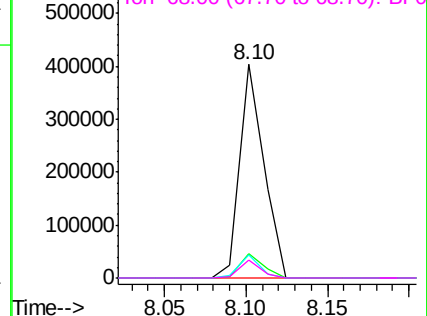


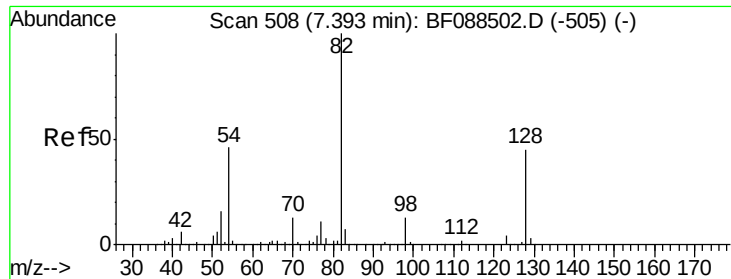
Abundance Ion 136.00 (135.70 to 136.70): E

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

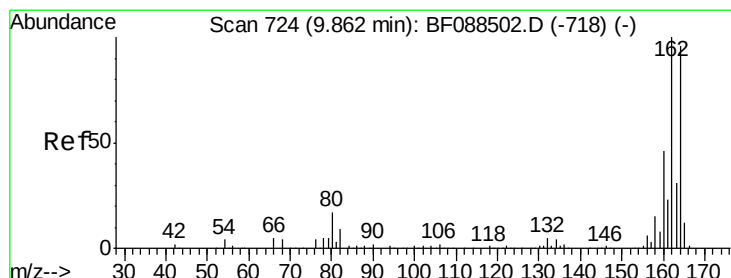
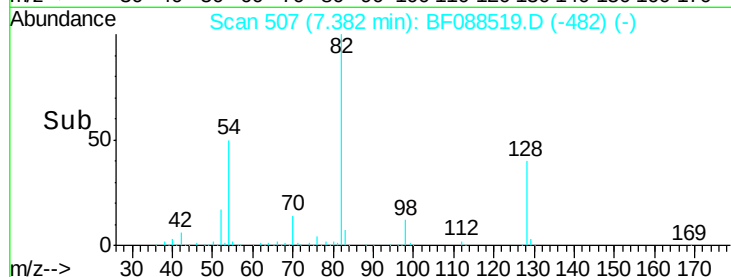
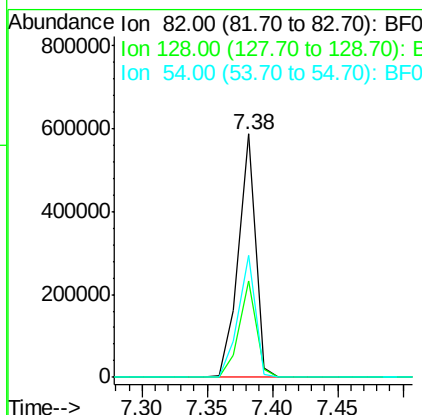
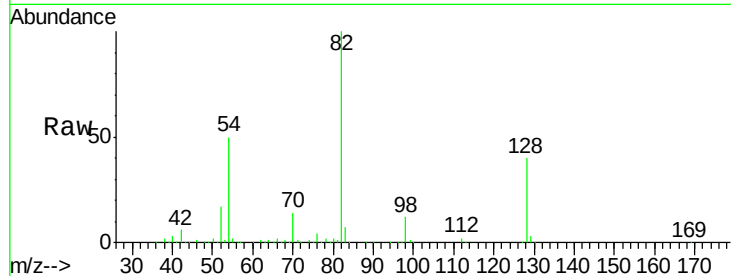




#23
Nitrobenzene-d5
Concen: 68.46 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF088519.D
Acq: 30 Jun 2016 4:47

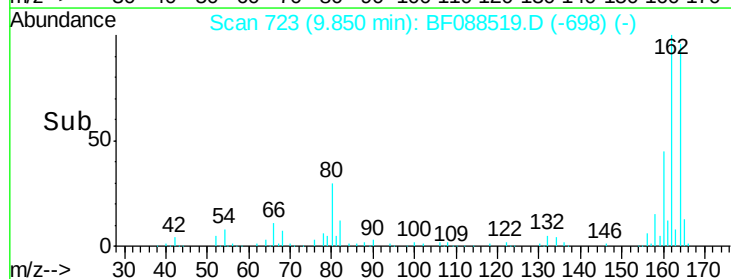
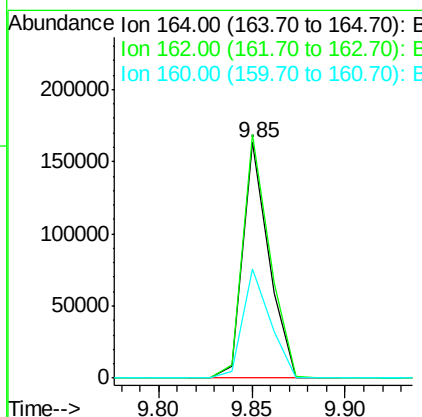
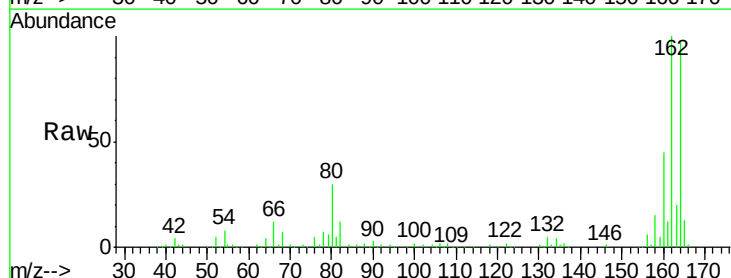
Instrument :
BNA_F
ClientSampleId :
TILCON-GF-015

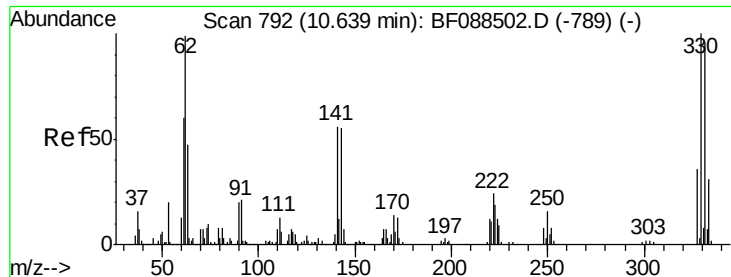
Tot Ion	82	Resp	532908
Ion Ratio	Lower	Upper	
82	100		
128	39.8	35.8	53.8
54	49.9	37.1	55.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF088519.D
Acq: 30 Jun 2016 4:47

Tgt Ion	164	Resp	158873
Ion Ratio	Lower	Upper	
164	100		
162	103.2	83.7	125.5
160	46.4	38.9	58.3

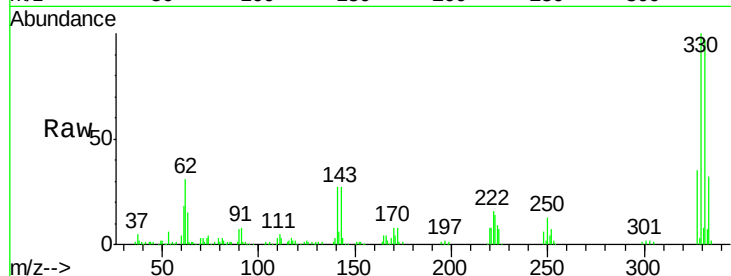




#41
 2,4,6-Tribromophenol
 Concen: 110.18 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088519.D
 Acq: 30 Jun 2016 4:47

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-015

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	39.3	0.0	0.0#

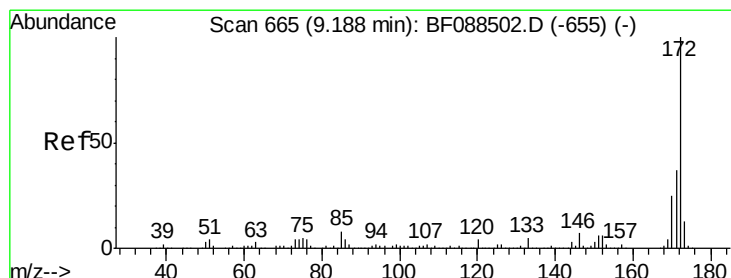
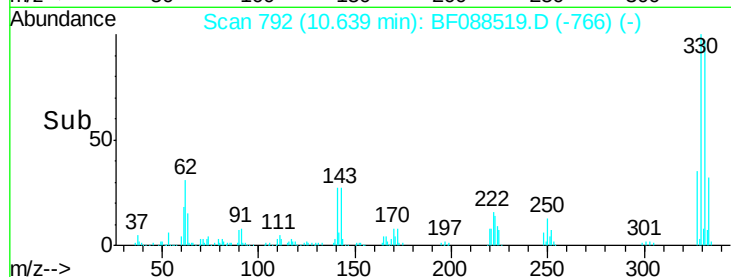
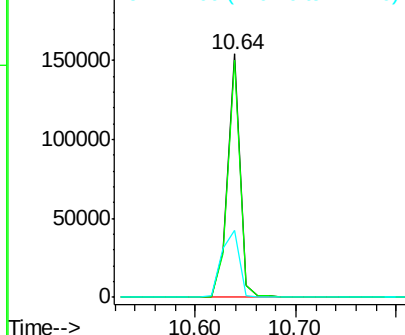


Abundance

Ion 329.80 (329.50 to 330.50): E

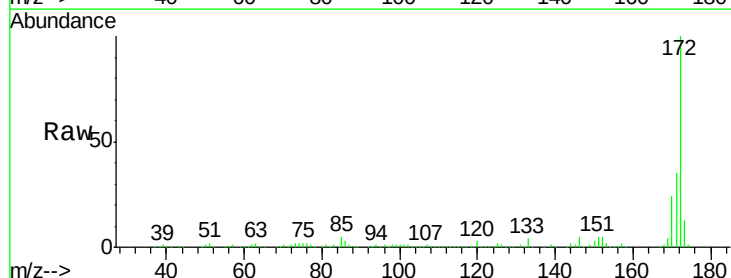
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.79 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF088519.D
 Acq: 30 Jun 2016 4:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.3	43.9
170	23.7	19.8	29.8

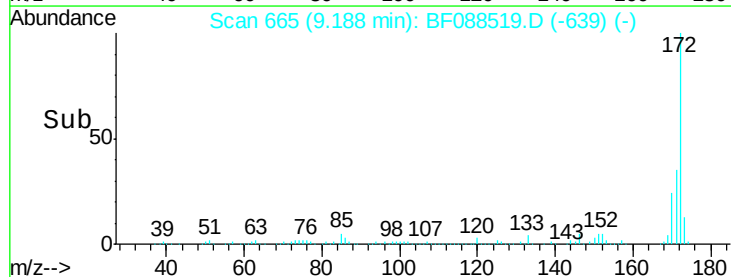
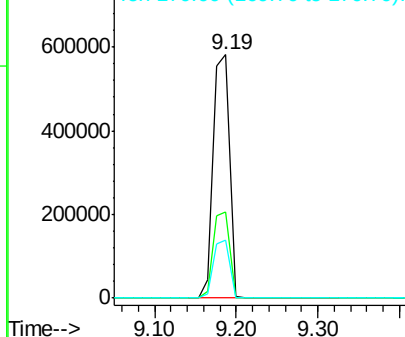


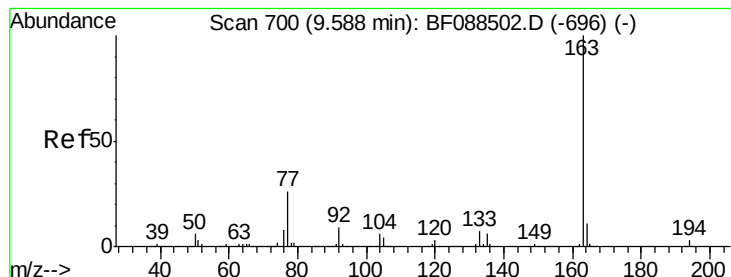
Abundance

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: 2.14 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF088519.D

Acq: 30 Jun 2016 4:47

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-015

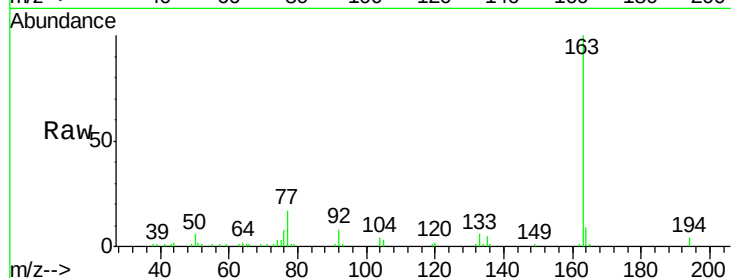
Tot Ion:163 Resp: 55046

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

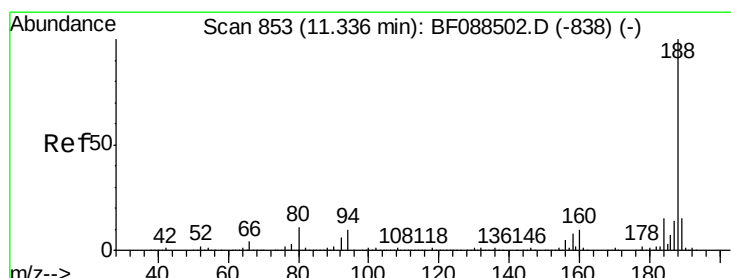
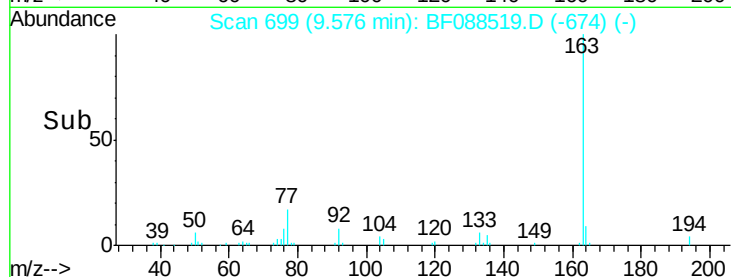
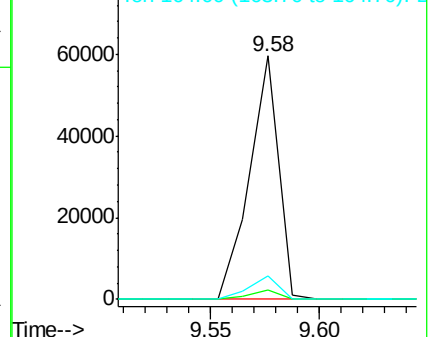
164 9.5 8.5 12.7



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: 11.34 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF088519.D

Acq: 30 Jun 2016 4:47

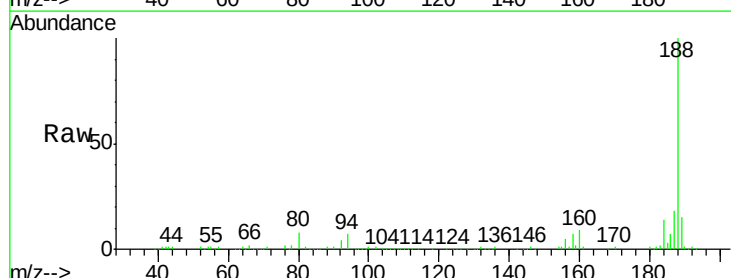
Tgt Ion:188 Resp: 284827

Ion Ratio Lower Upper

188 100

94 6.9 7.8 11.8#

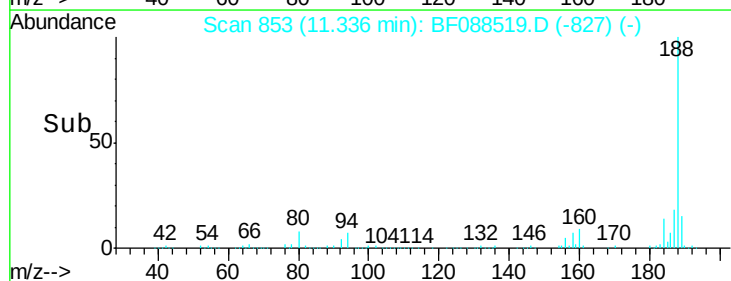
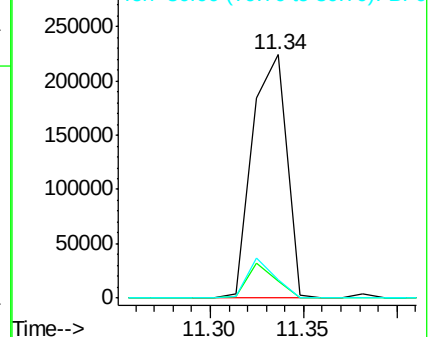
80 7.6 8.7 13.1#

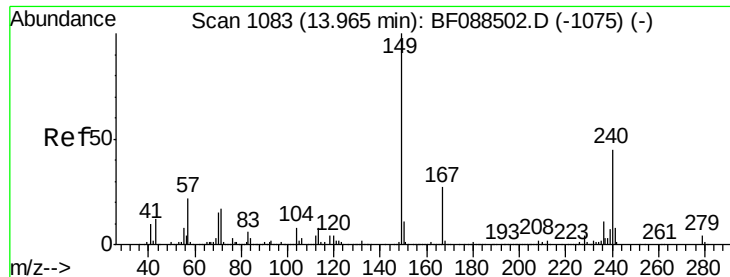


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF088519.D

Acq: 30 Jun 2016 4:47

Instrument :

BNA_F

ClientSampleId :

TILCON-GF-015

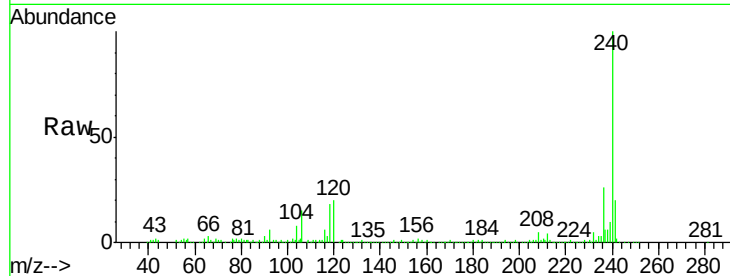
Tot Ion:240 Resp: 284856

Ion Ratio Lower Upper

240 100

120 19.8 7.1 10.7#

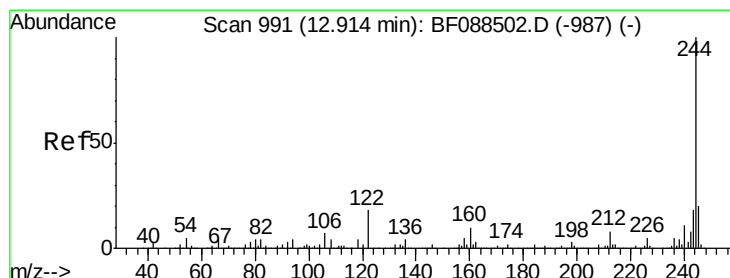
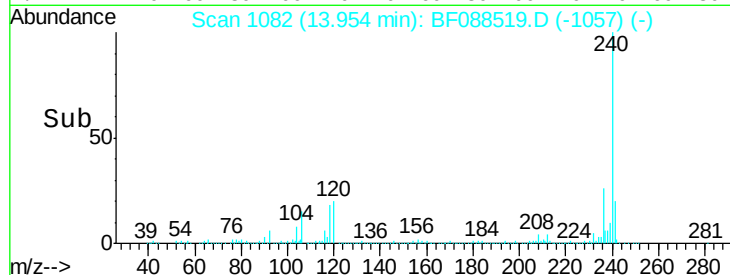
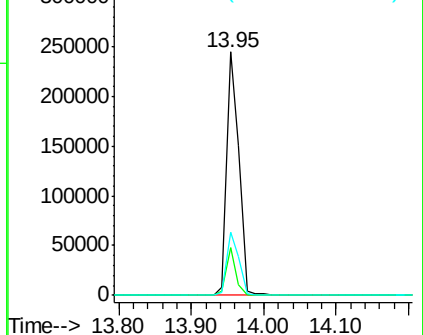
236 26.0 20.3 30.5



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: 43.21 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF088519.D

Acq: 30 Jun 2016 4:47

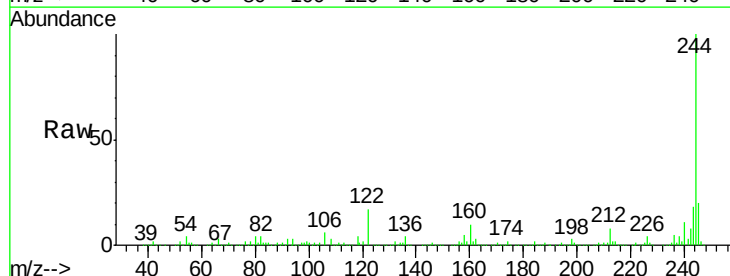
Tgt Ion:244 Resp: 656573

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

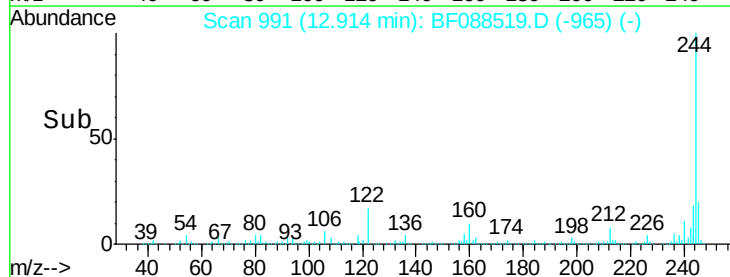
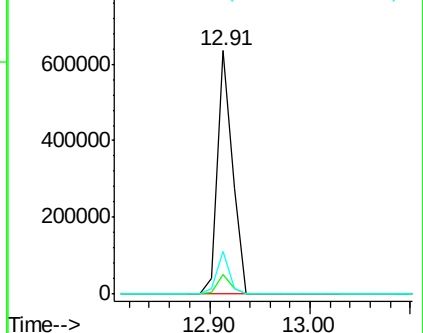
122 17.4 14.8 22.2

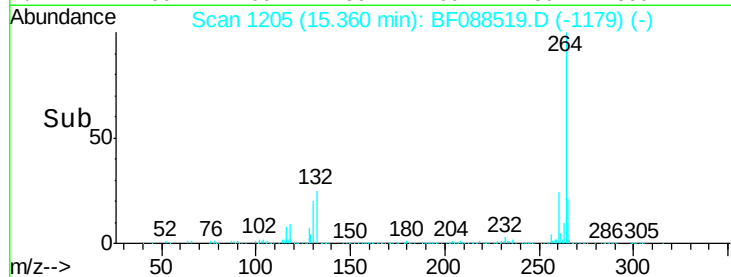
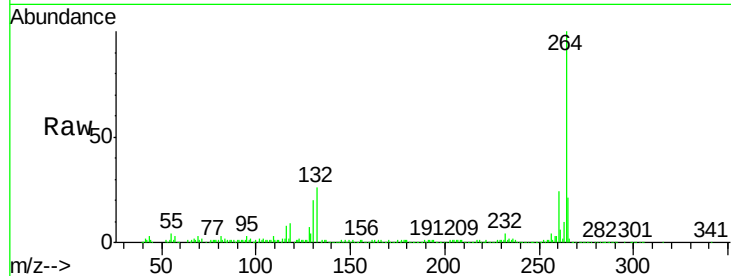
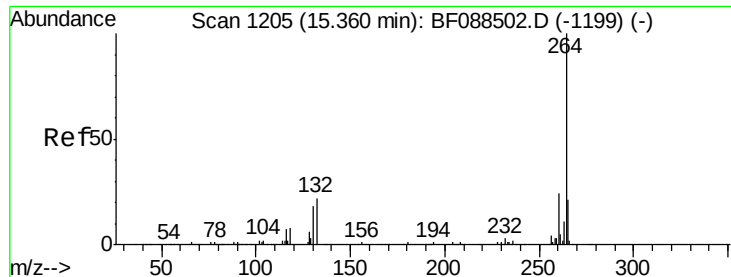


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF088519.D
Acq: 30 Jun 2016 4:47

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-015

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.3	17.1	25.7

