

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090577.D
 Acq On : 14 Oct 2016 18:51
 Operator : UM/SJ
 Sample : H5260-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-57

Quant Time: Oct 14 23:09:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

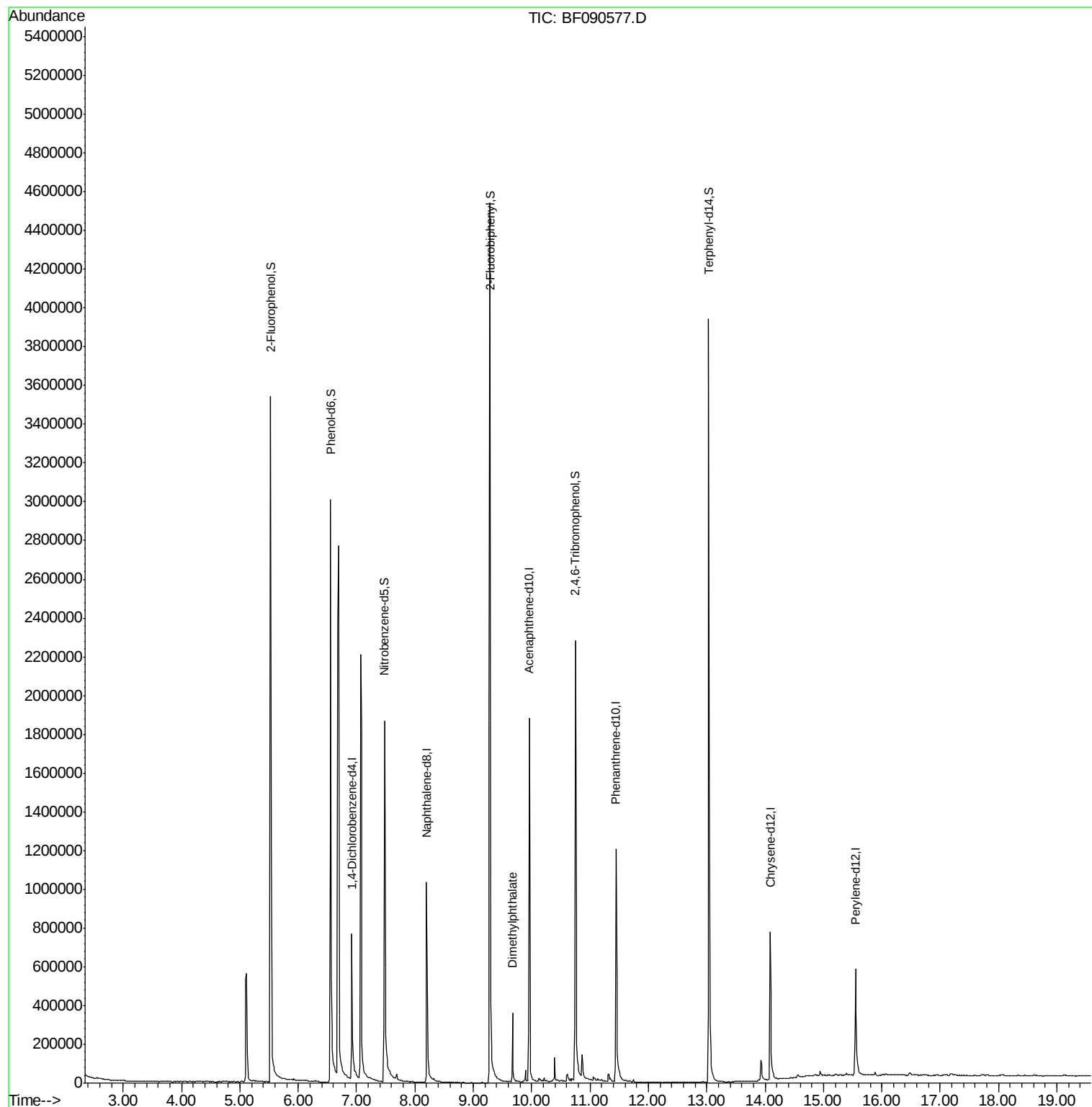
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	171317	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	720026	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	403483	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	617831	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	384480	20.00	ng	-0.01
86) Perylene-d12	15.55	264	320588	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1120518	119.91	ng	0.00
7) Phenol-d6	6.55	99	1530643	110.23	ng	0.00
23) Nitrobenzene-d5	7.48	82	928189	71.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	332066	92.31	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1798349	73.44	ng	0.00
78) Terphenyl-d14	13.03	244	1512545	91.60	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.67	163	157964	6.03	ng	98

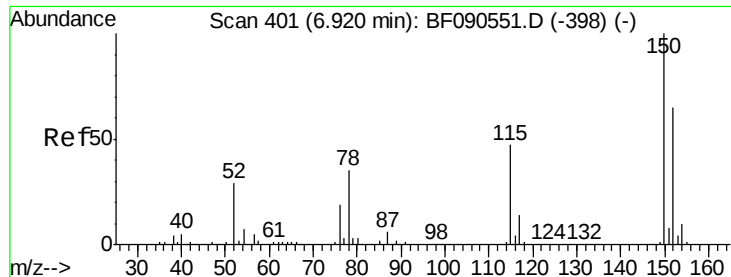
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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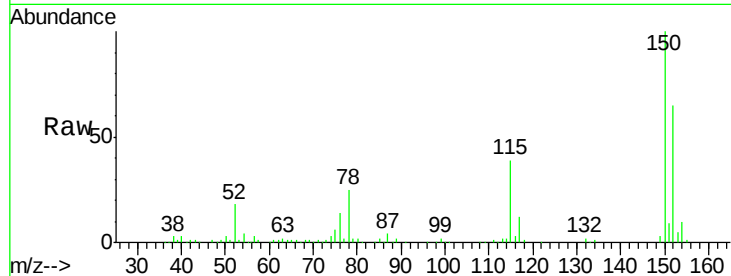


#1

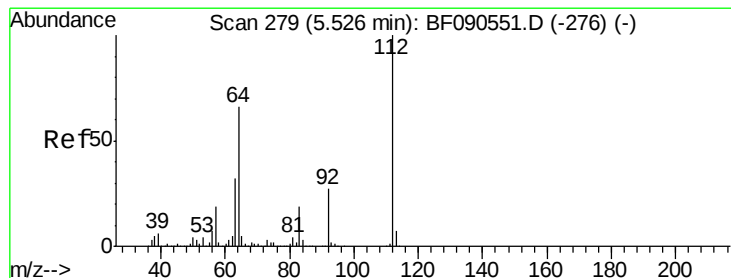
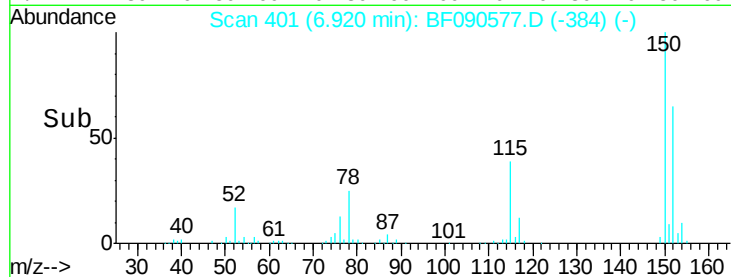
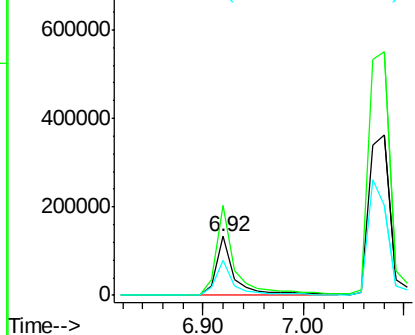
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF090577.D
Acq: 14 Oct 2016 18:51

Instrument :
BNA_F
ClientSampleId :
TILCON-57

Tot Ion:152 Resp: 171317
Ion Ratio Lower Upper
152 100
150 152.8 127.2 190.8
115 59.3 58.6 88.0



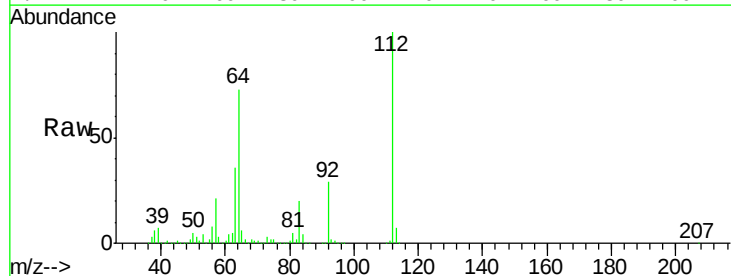
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



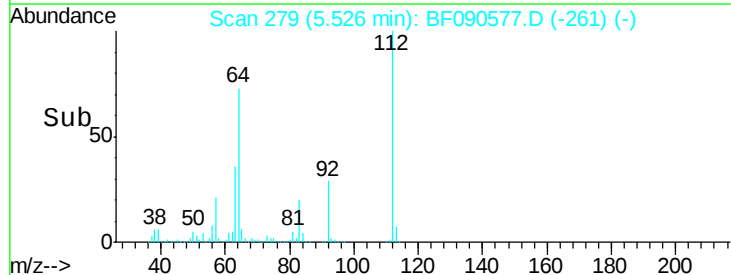
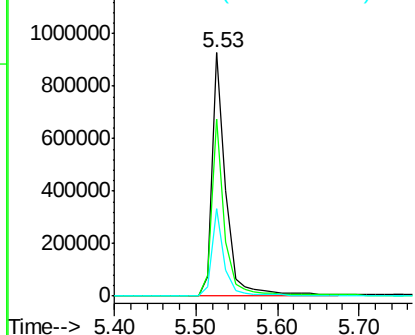
#5

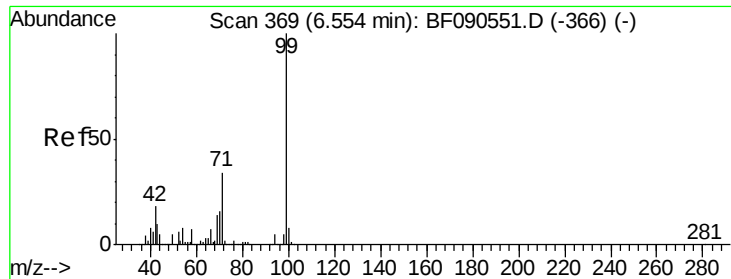
2-Fluorophenol
Concen: 119.91 ng
RT: 5.53 min Scan# 279
Delta R.T. 0.00 min
Lab File: BF090577.D
Acq: 14 Oct 2016 18:51

Tgt Ion:112 Resp: 1120518
Ion Ratio Lower Upper
112 100
64 72.7 52.6 78.8
63 35.8 26.0 39.0



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: 110.23 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090577.D

Acq: 14 Oct 2016 18:51

Instrument :

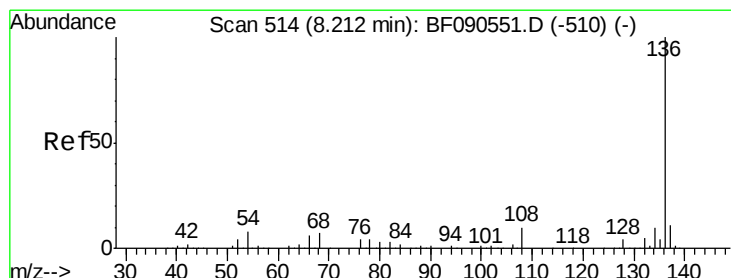
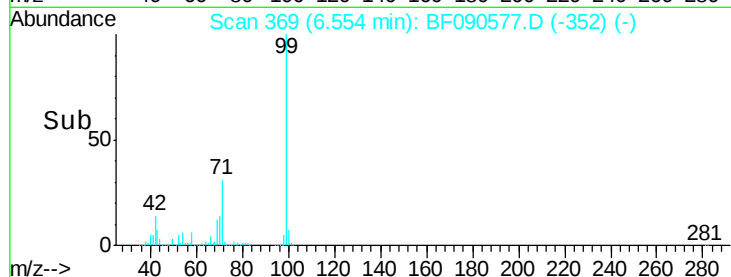
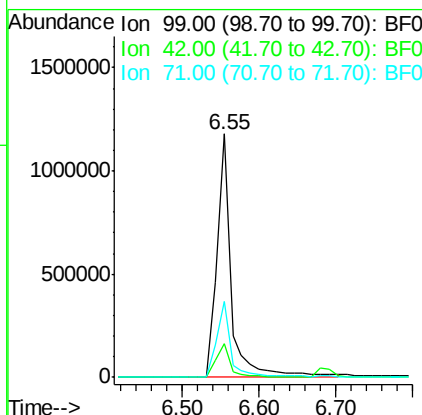
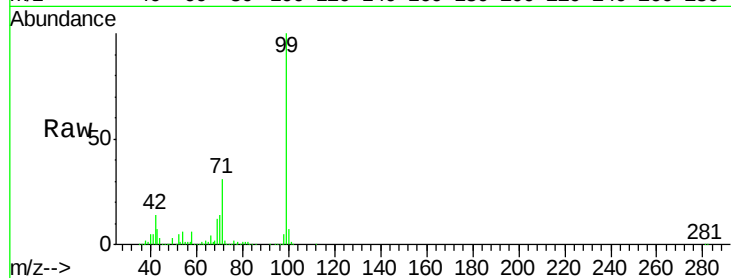
BNA_F

ClientSampleId :

TILCON-57

Tot Ion: 99 Resp: 1530643

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.7	22.1#
71	31.0	27.6	41.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 513

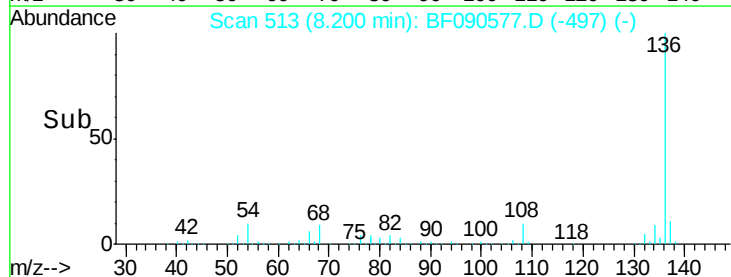
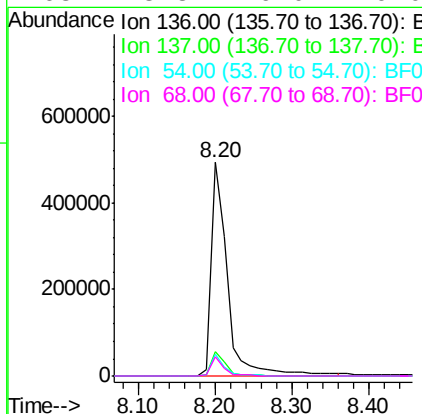
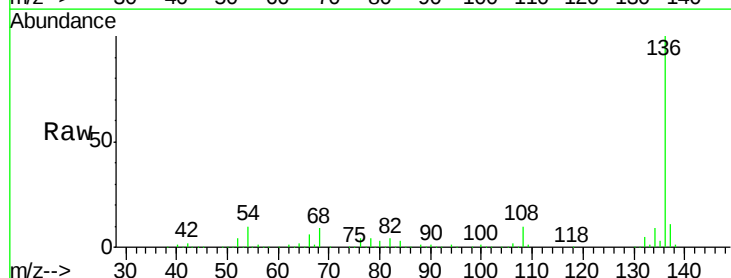
Delta R.T. -0.01 min

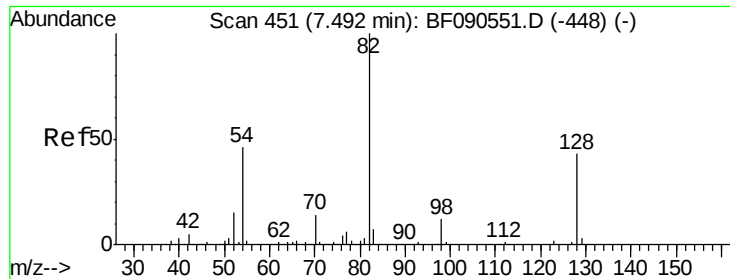
Lab File: BF090577.D

Acq: 14 Oct 2016 18:51

Tgt Ion: 136 Resp: 720026

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.1	6.8	10.2
68	8.8	6.0	9.0

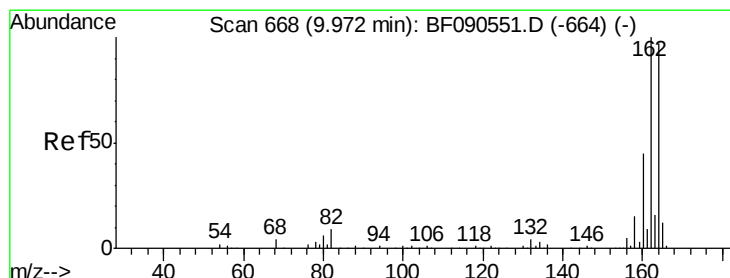
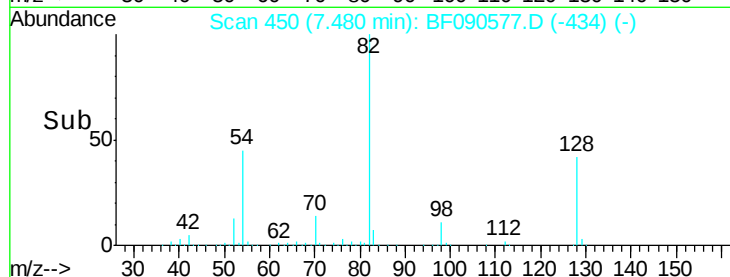
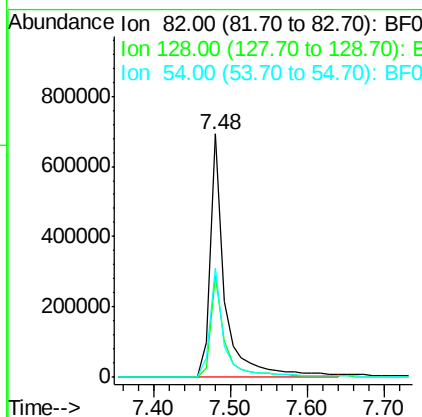
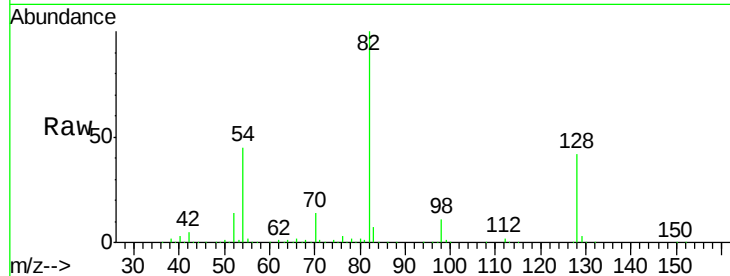




#23
 Nitrobenzene-d5
 Concen: 71.61 ng
 RT: 7.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF090577.D
 Acq: 14 Oct 2016 18:51

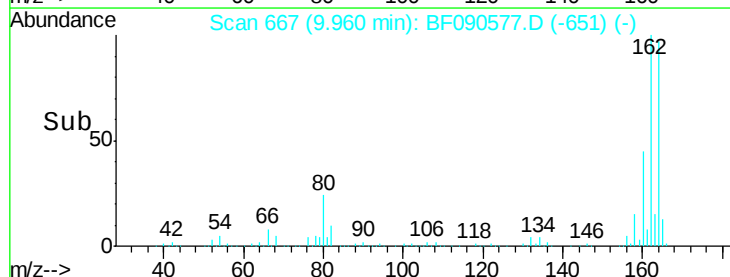
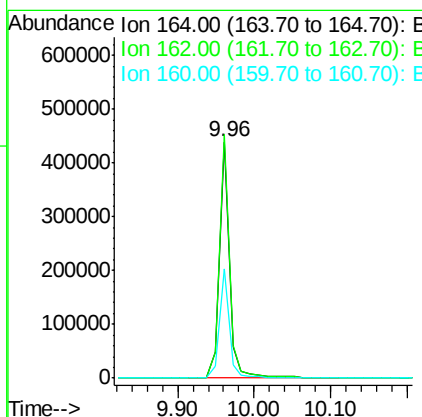
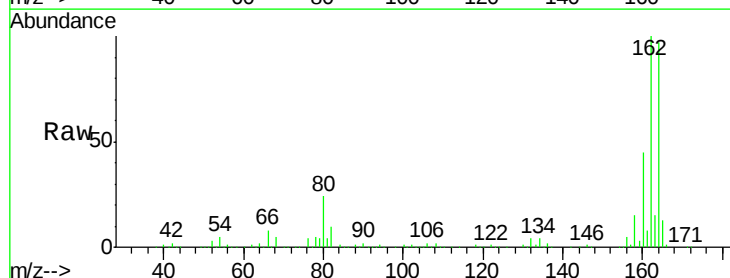
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-57

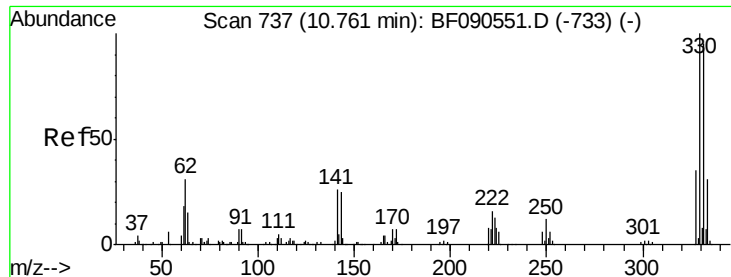
Tot Ion	82	Resp	928189
Ion Ratio	Lower	Upper	
82	100		
128	41.9	34.3	51.5
54	44.9	37.0	55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090577.D
 Acq: 14 Oct 2016 18:51

Tgt Ion	164	Resp	403483
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.2	123.4
160	46.4	36.6	55.0

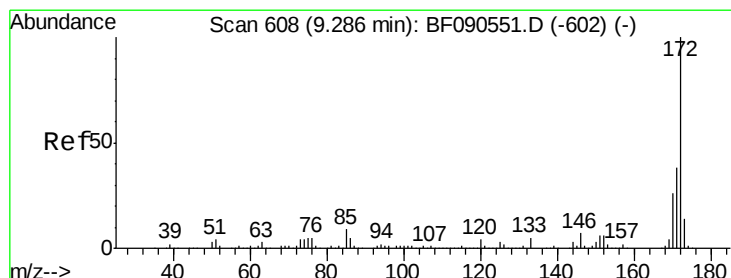
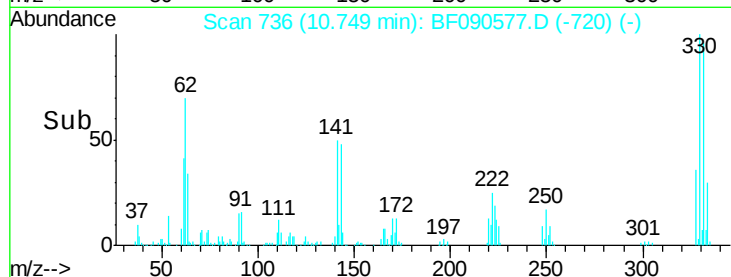
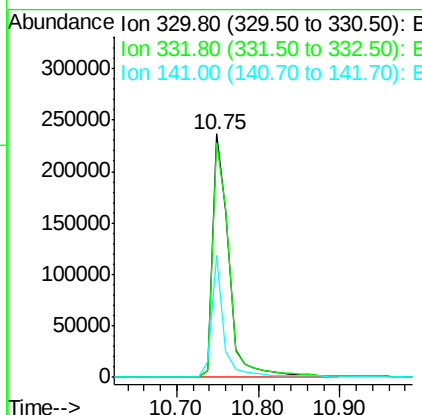
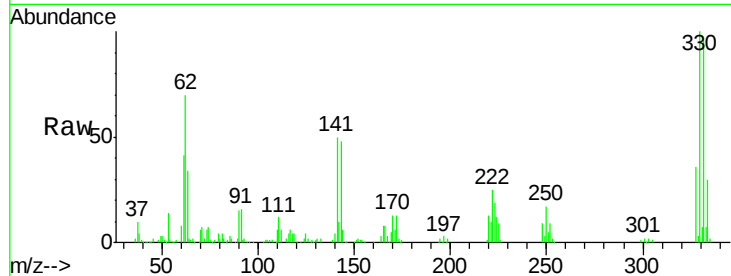




#41
 2,4,6-Tribromophenol
 Concen: 92.31 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF090577.D
 Acq: 14 Oct 2016 18:51

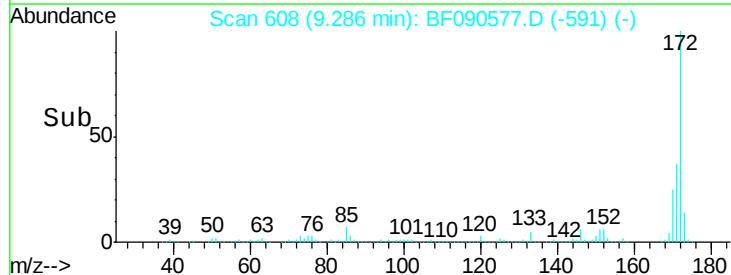
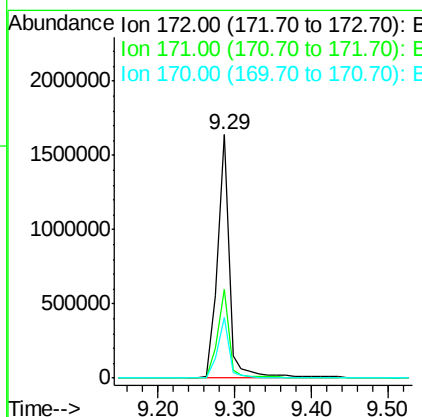
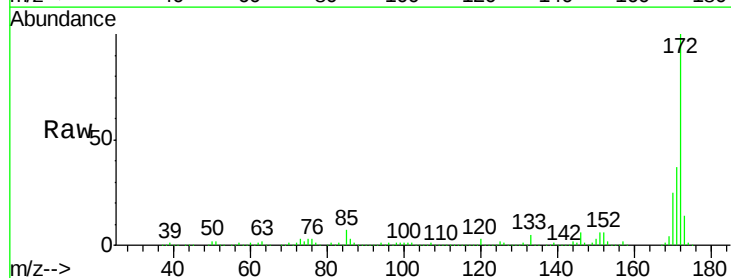
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-57

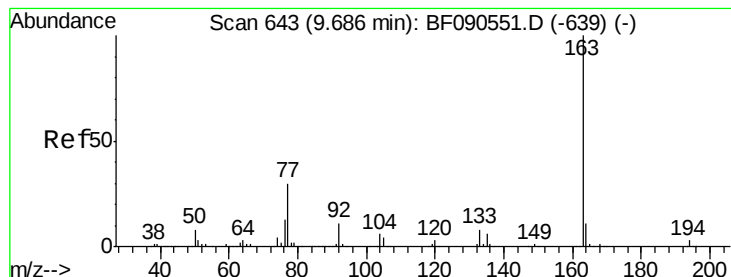
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.2	114.2
141	38.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 73.44 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090577.D
 Acq: 14 Oct 2016 18:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.1	45.1
170	25.0	20.6	30.8





#49

Dimethylphthalate

Concen: 6.03 ng

RT: 9.67 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF090577.D

Acq: 14 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

TILCON-57

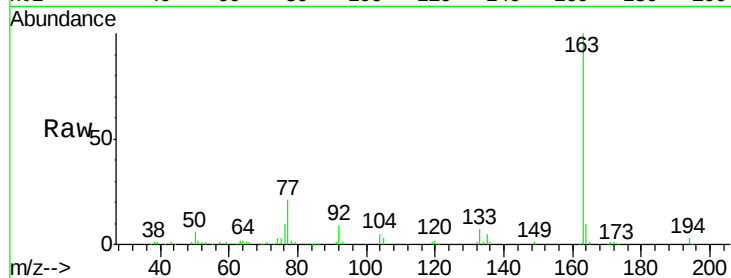
Tot Ion:163 Resp: 157964

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

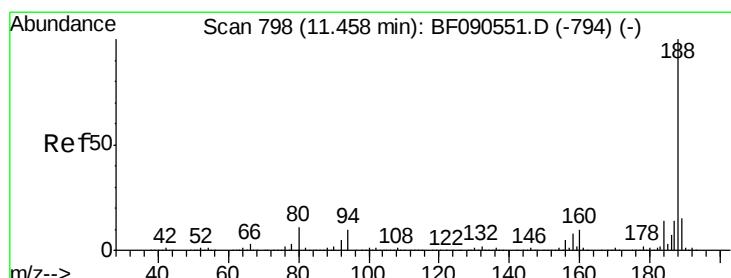
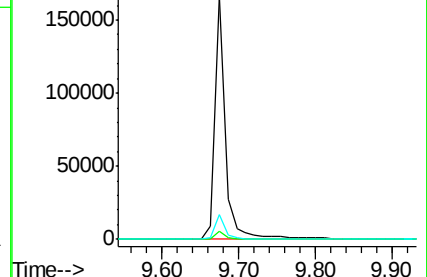
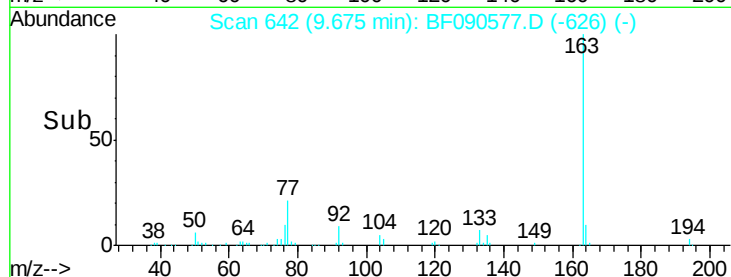
164 10.1 8.6 13.0



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: 11.45 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF090577.D

Acq: 14 Oct 2016 18:51

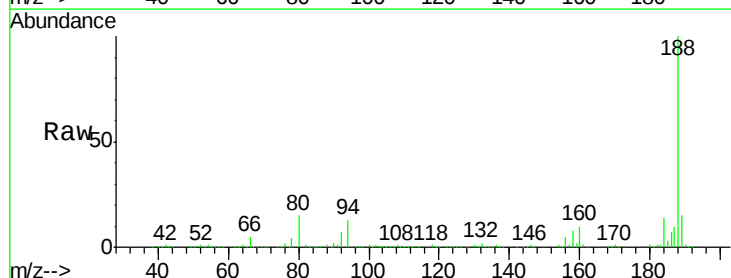
Tgt Ion:188 Resp: 617831

Ion Ratio Lower Upper

188 100

94 13.0 7.7 11.5#

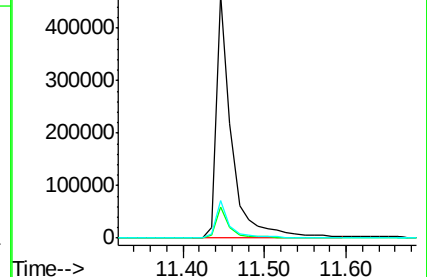
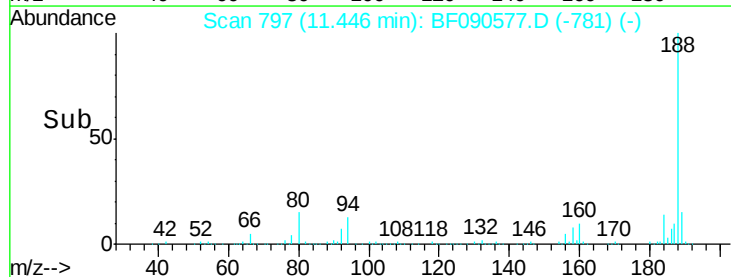
80 15.2 8.6 12.8#

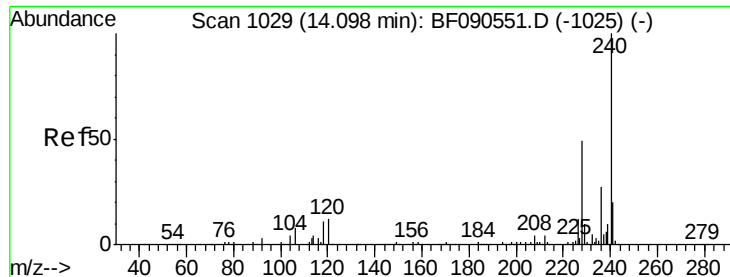


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.09 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF090577.D

Acq: 14 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

TILCON-57

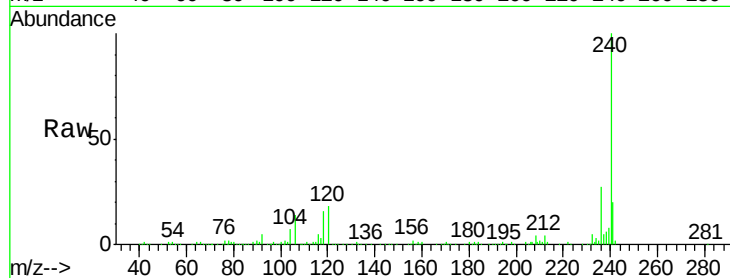
Tot Ion:240 Resp: 384480

Ion Ratio Lower Upper

240 100

120 18.4 9.8 14.8#

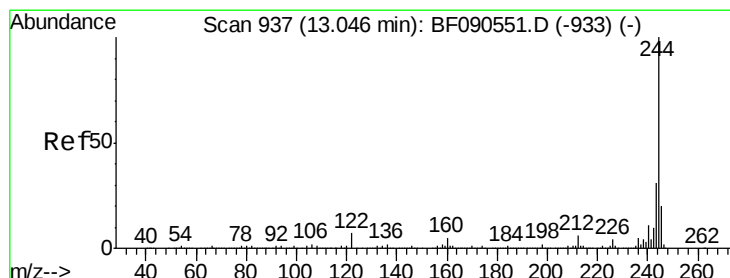
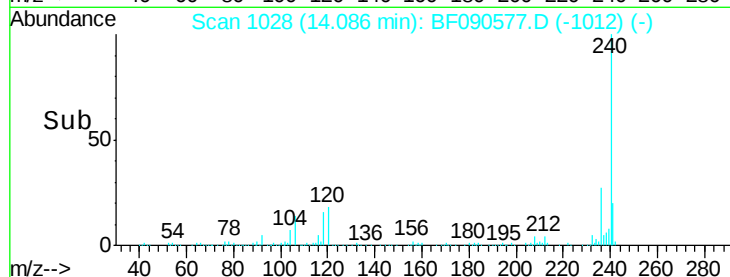
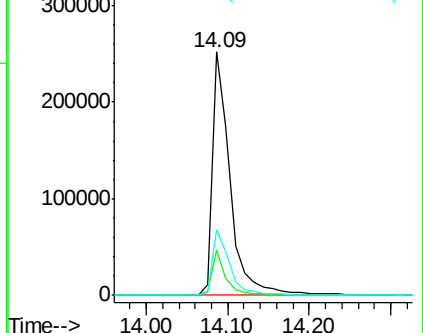
236 26.8 21.7 32.5



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: 91.60 ng

RT: 13.03 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF090577.D

Acq: 14 Oct 2016 18:51

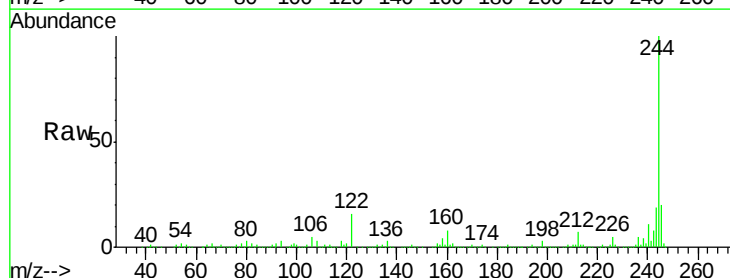
Tgt Ion:244 Resp: 1512545

Ion Ratio Lower Upper

244 100

212 7.5 5.0 7.4#

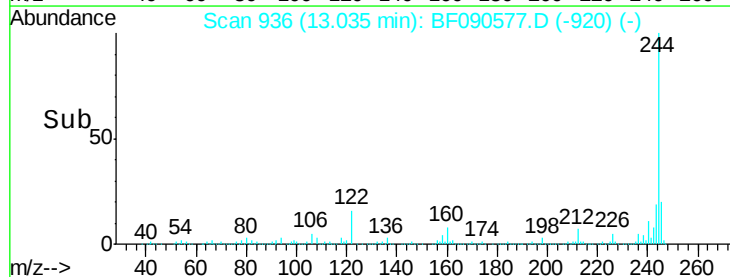
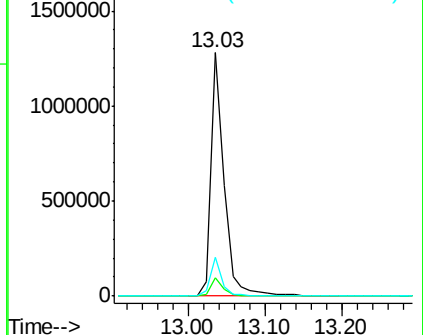
122 16.0 5.6 8.4#

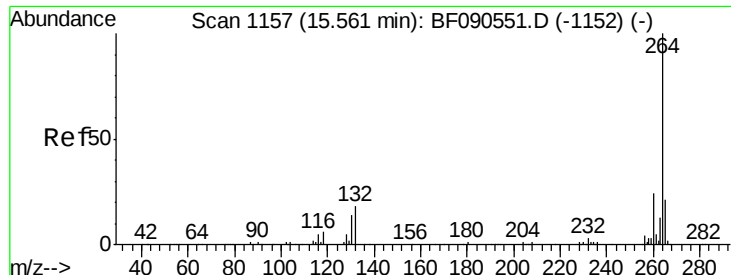


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

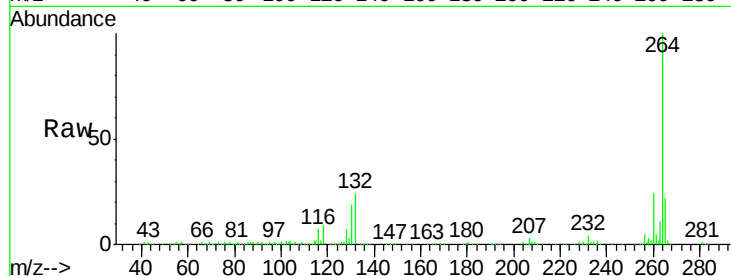




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF090577.D
Acq: 14 Oct 2016 18:51

Instrument :
BNA_F
ClientSampleId :
TILCON-57

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.6	16.7	25.1



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

