

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089167.D
 Acq On : 21 Jul 2016 8:46
 Operator : UM/SJ
 Sample : H4107-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-004

Quant Time: Jul 21 11:28:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 16:40:20 2016
 Response via : Initial Calibration

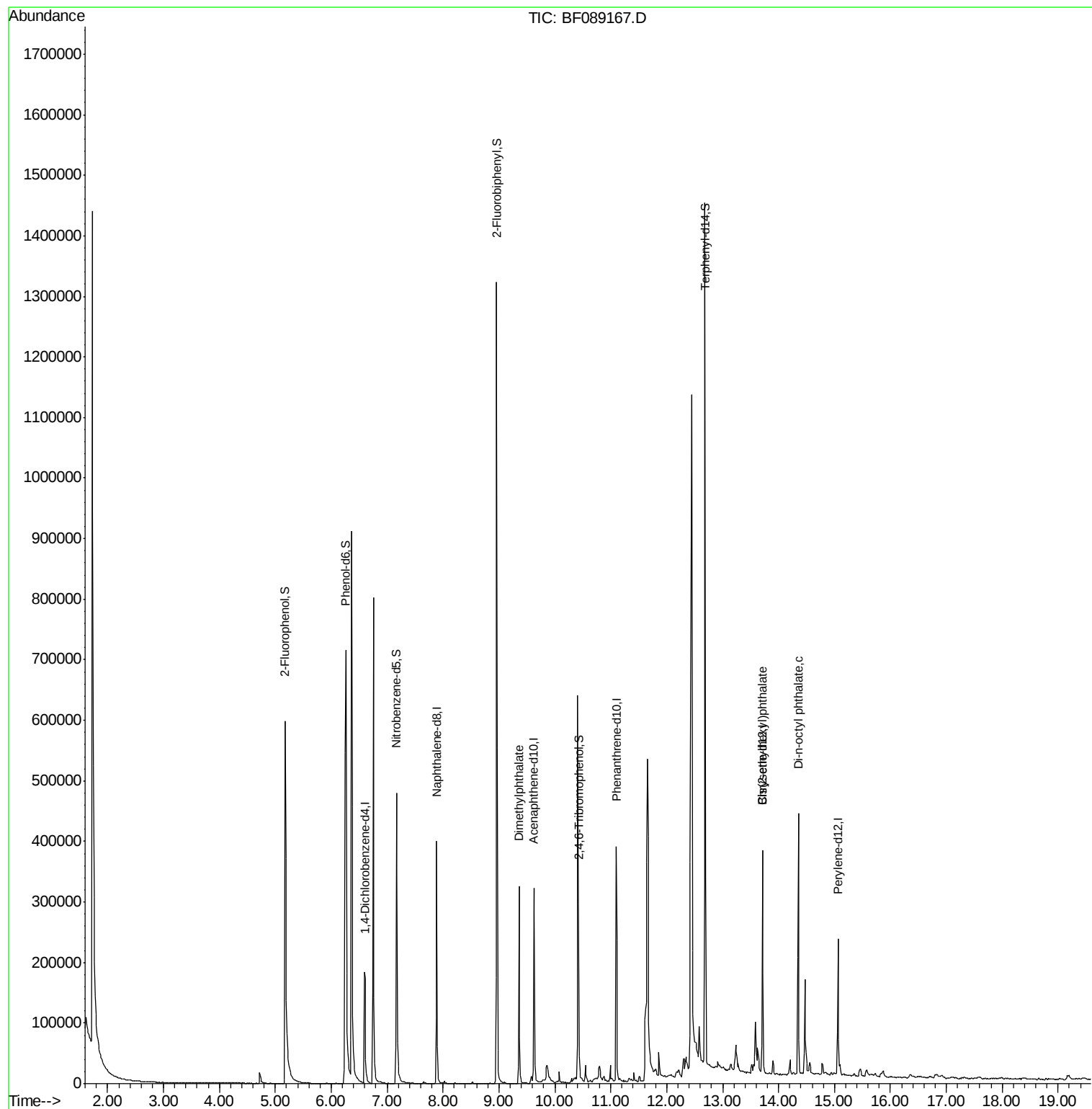
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	49118	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	213641	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	94388	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	181983	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	127529	20.00	ng	-0.01
86) Perylene-d12	15.06	264	91041	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	296568	91.83	ng	-0.01
7) Phenol-d6	6.26	99	446169	107.13	ng	-0.01
23) Nitrobenzene-d5	7.16	82	257185	63.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	75989	89.42	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	504900	73.70	ng	-0.01
78) Terphenyl-d14	12.69	244	431052	73.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.36	163	137833	19.03	ng	Qvalue 98
83) Bis(2-ethylhexyl)phthalate	13.71	149	13460	2.28	ng	# 94
84) Di-n-octyl phthalate	14.35	149	50215	5.15	ng	# 49

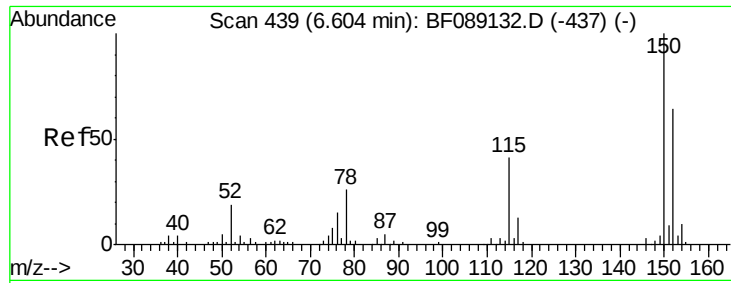
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089167.D

Acq: 21 Jul 2016 8:46

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-004

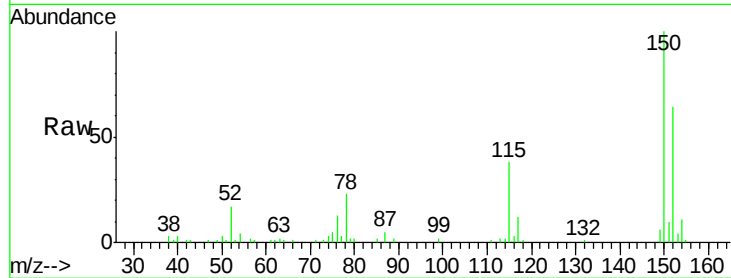
Tot Ion:152 Resp: 49118

Ion Ratio Lower Upper

152 100

150 155.5 125.1 187.7

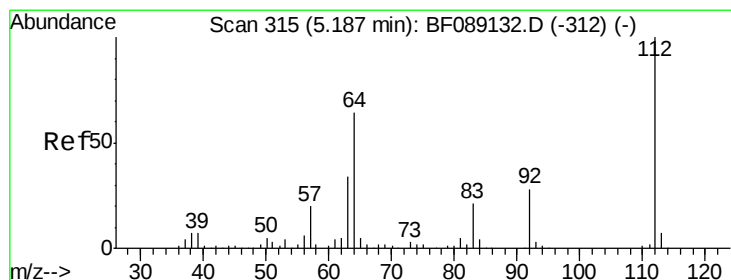
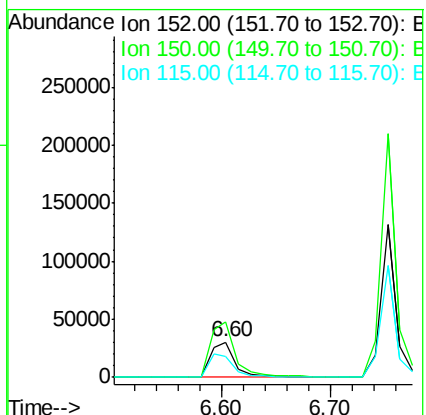
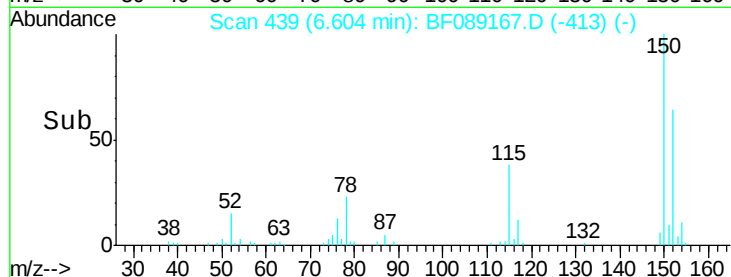
115 59.2 51.1 76.7



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: 91.83 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.01 min

Lab File: BF089167.D

Acq: 21 Jul 2016 8:46

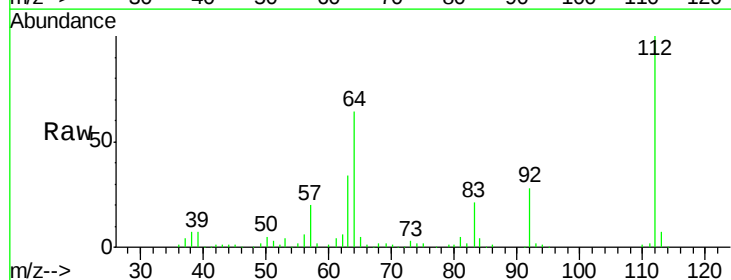
Tgt Ion:112 Resp: 296568

Ion Ratio Lower Upper

112 100

64 63.7 51.0 76.4

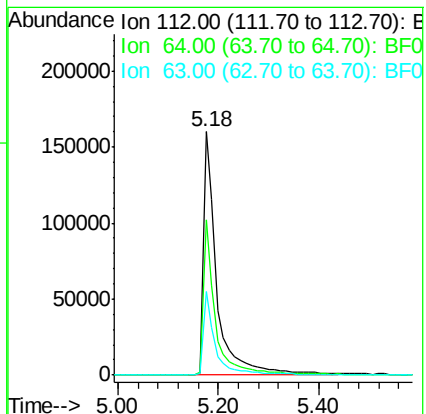
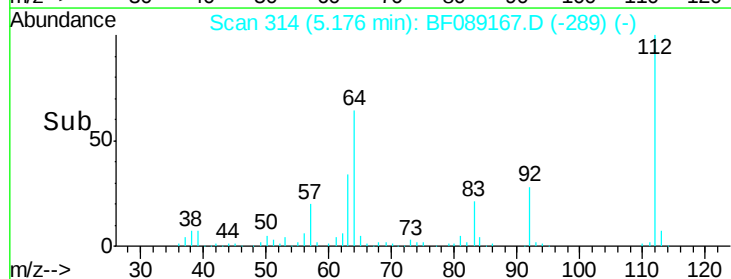
63 34.4 27.3 40.9

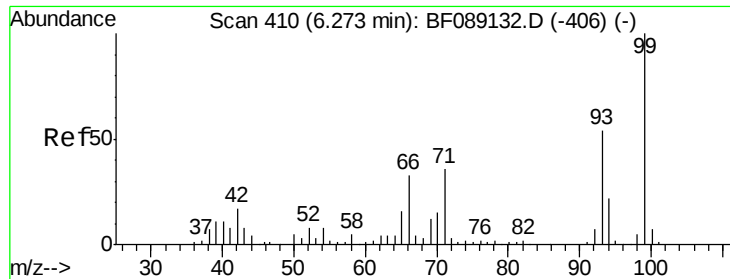


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.13 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089167.D

Acq: 21 Jul 2016 8:46

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-004

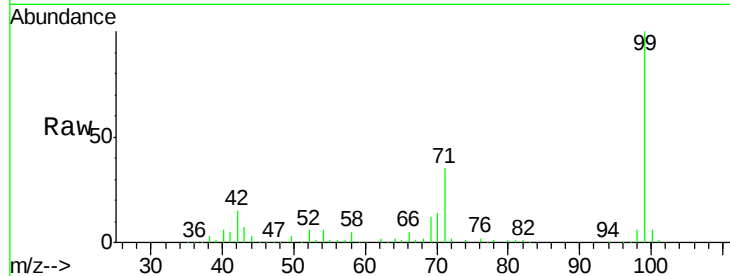
Tot Ion: 99 Resp: 446169

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

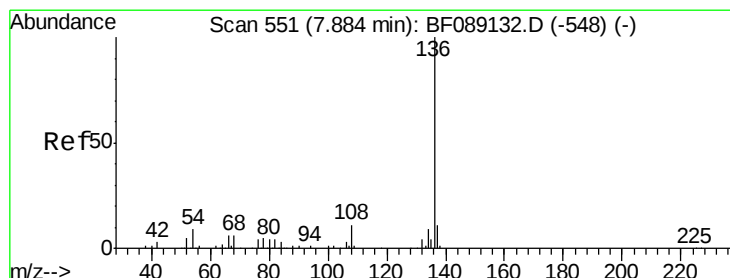
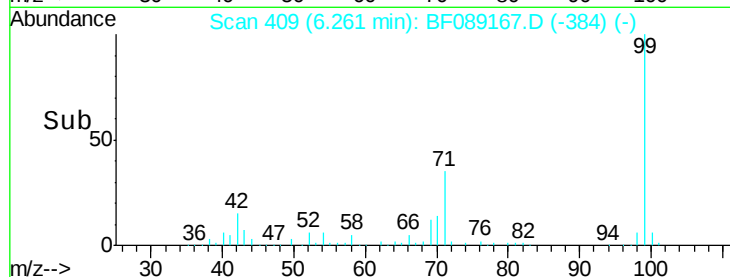
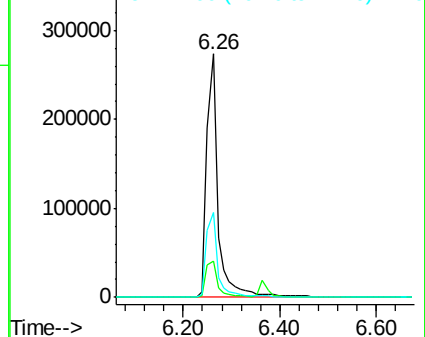
71 34.8 28.9 43.3



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: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089167.D

Acq: 21 Jul 2016 8:46

Tgt Ion: 136 Resp: 213641

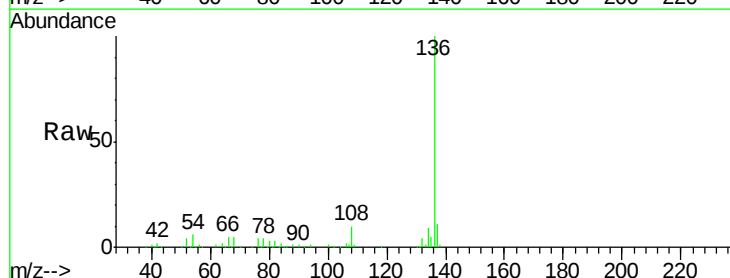
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.5 7.0 10.4#

68 4.9 5.0 7.6#

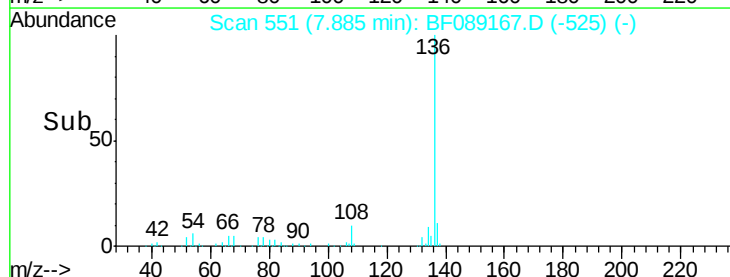
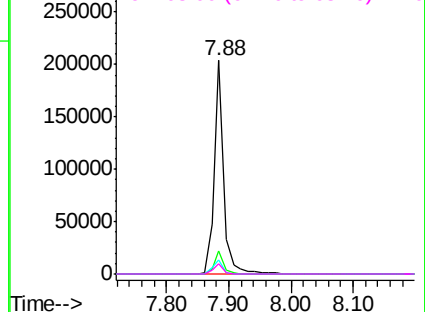


Abundance Ion 136.00 (135.70 to 136.70): E

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

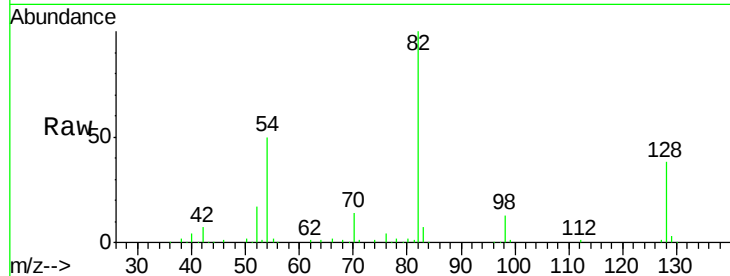




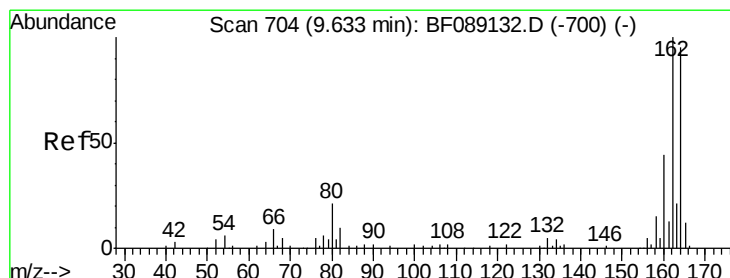
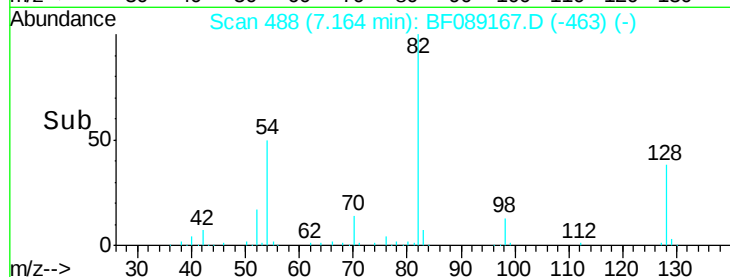
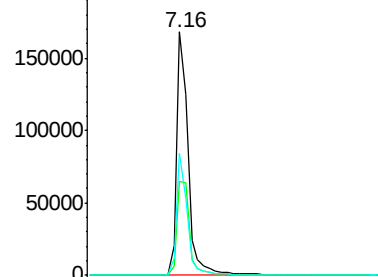
#23
 Nitrobenzene-d5
 Concen: 63.96 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089167.D
 Acq: 21 Jul 2016 8:46

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-004

Tot Ion: 82 Resp: 257185
 Ion Ratio Lower Upper
 82 100
 128 38.4 33.0 49.6
 54 49.9 39.0 58.4

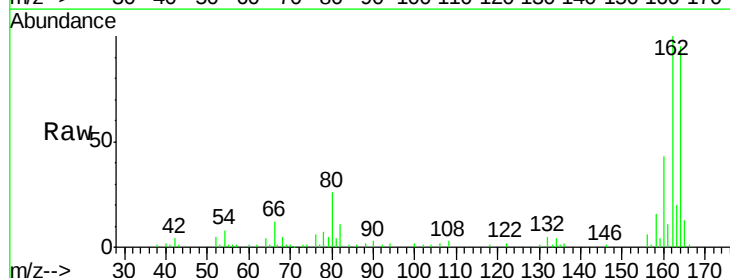


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

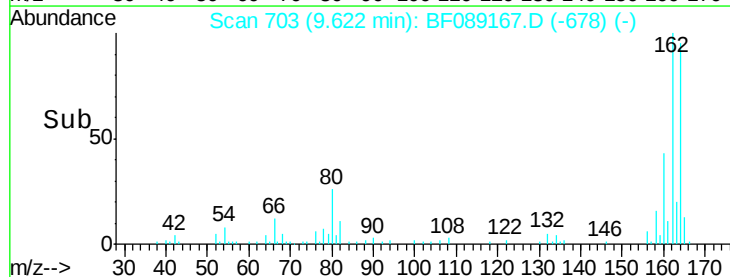
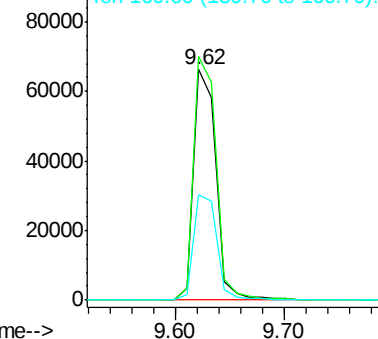


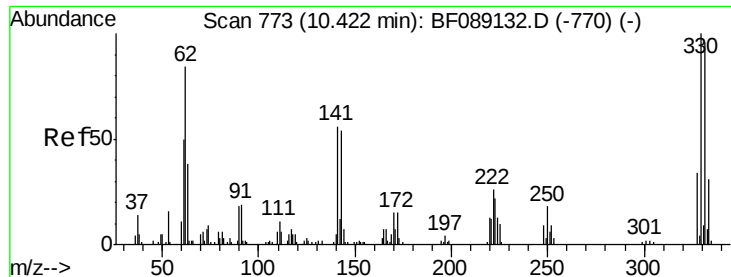
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089167.D
 Acq: 21 Jul 2016 8:46

Tgt Ion:164 Resp: 94388
 Ion Ratio Lower Upper
 164 100
 162 105.6 84.1 126.1
 160 45.8 37.1 55.7



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

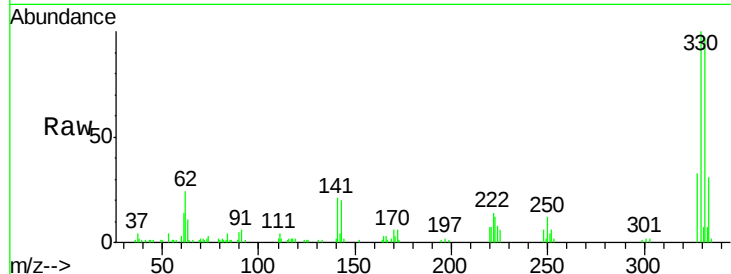




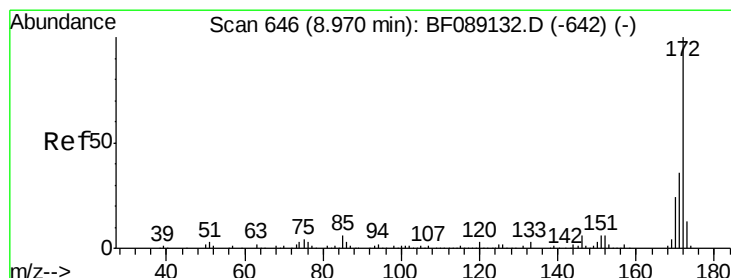
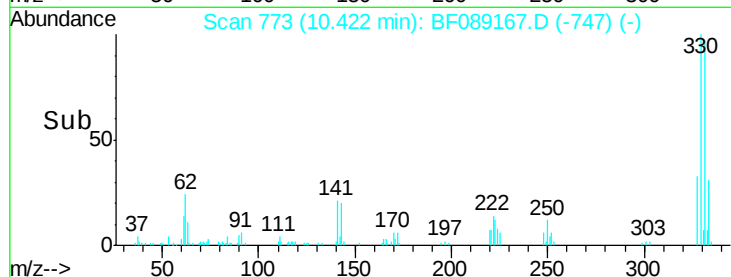
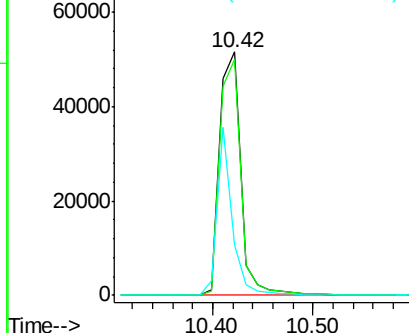
#41
 2,4,6-Tribromophenol
 Concen: 89.42 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089167.D
 Acq: 21 Jul 2016 8:46

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-004

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	49.0	42.2	63.2

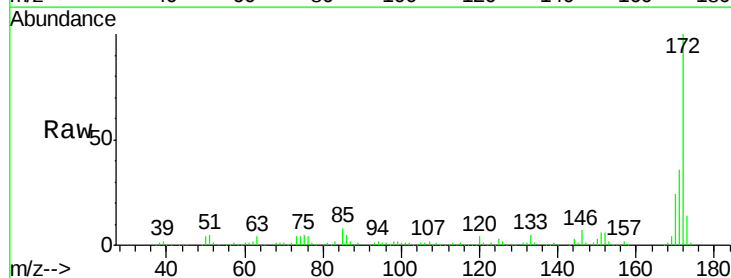


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

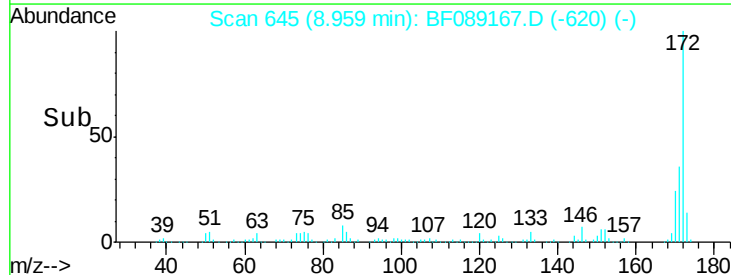
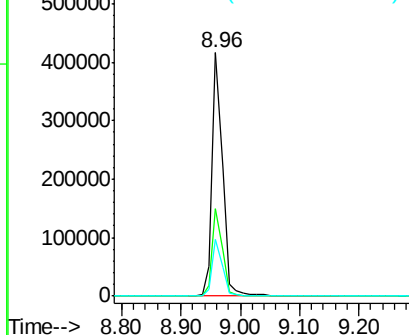


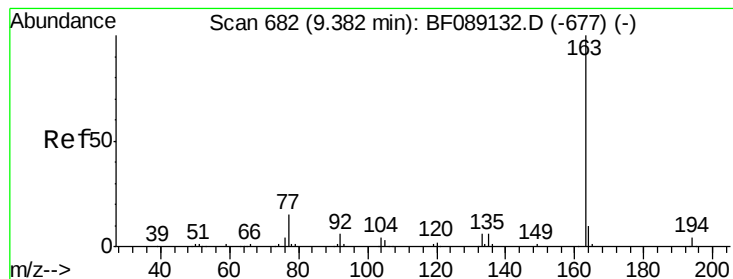
#44
 2-Fluorobiphenyl
 Concen: 73.70 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089167.D
 Acq: 21 Jul 2016 8:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.5	19.1	28.7



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: 19.03 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089167.D

Acq: 21 Jul 2016 8:46

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-004

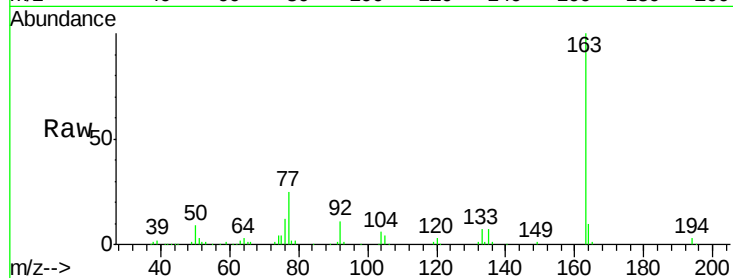
Tot Ion:163 Resp: 137833

Ion Ratio Lower Upper

163 100

194 2.9 2.9 4.3

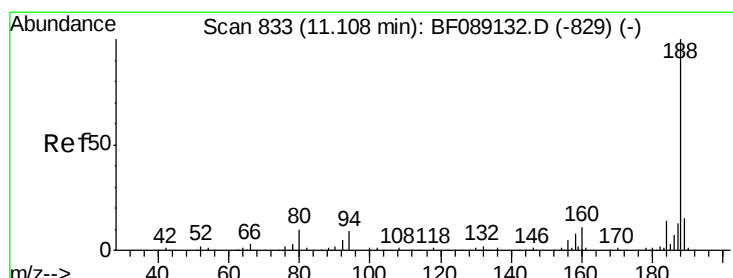
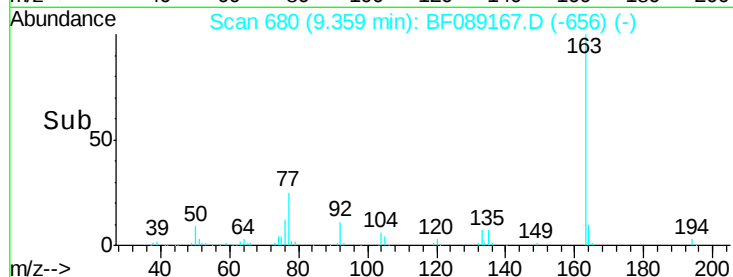
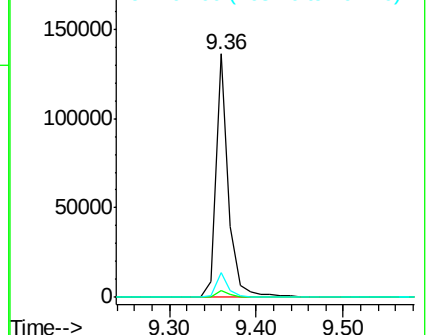
164 10.2 7.6 11.4



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: 11.10 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF089167.D

Acq: 21 Jul 2016 8:46

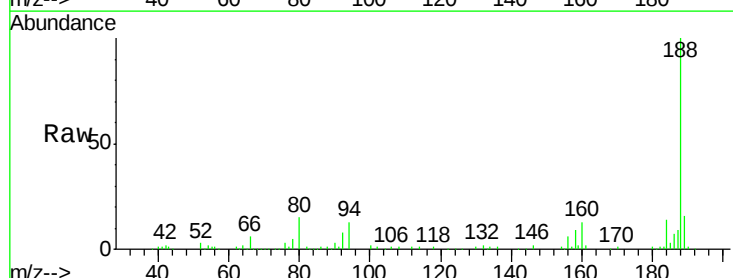
Tgt Ion:188 Resp: 181983

Ion Ratio Lower Upper

188 100

94 13.2 7.0 10.4#

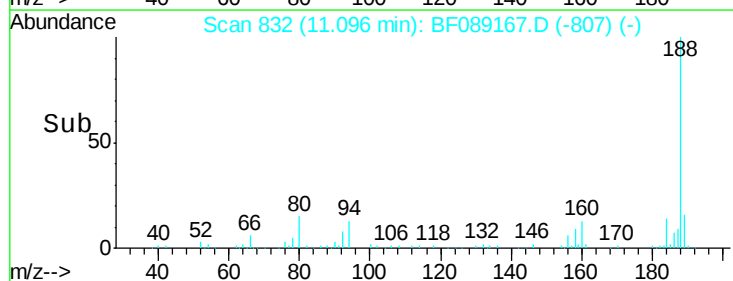
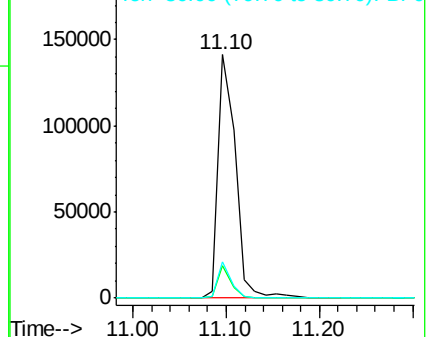
80 15.1 7.7 11.5#



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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089167.D

Acq: 21 Jul 2016 8:46

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-004

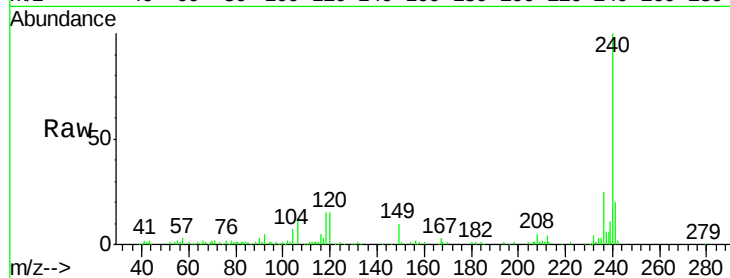
Tot Ion:240 Resp: 127529

Ion Ratio Lower Upper

240 100

120 15.3 13.6 20.4

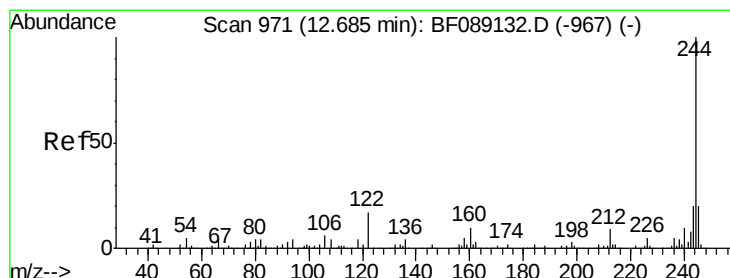
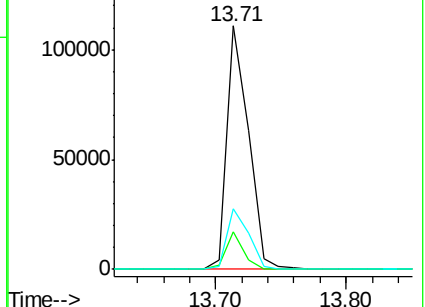
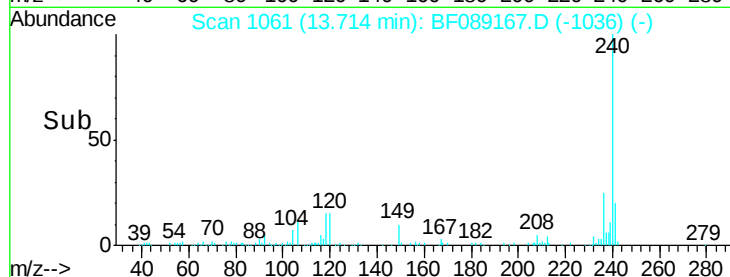
236 24.7 20.5 30.7



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: 73.31 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089167.D

Acq: 21 Jul 2016 8:46

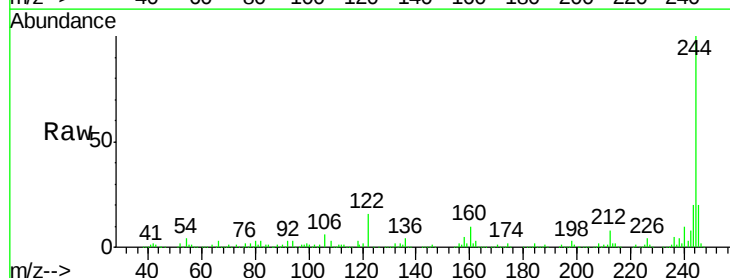
Tgt Ion:244 Resp: 431052

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

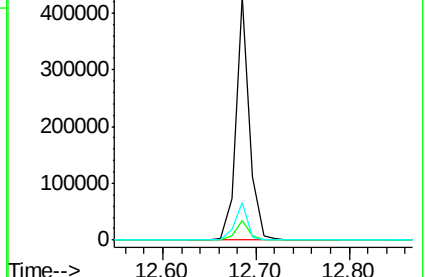
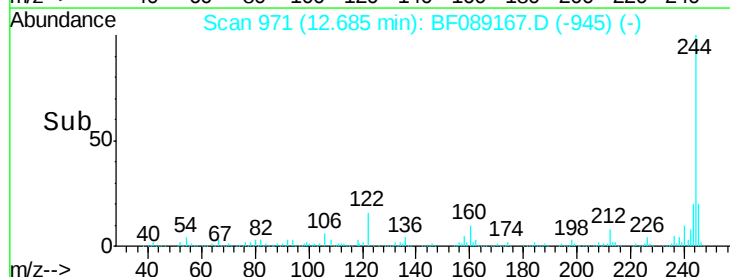
122 15.6 13.8 20.8

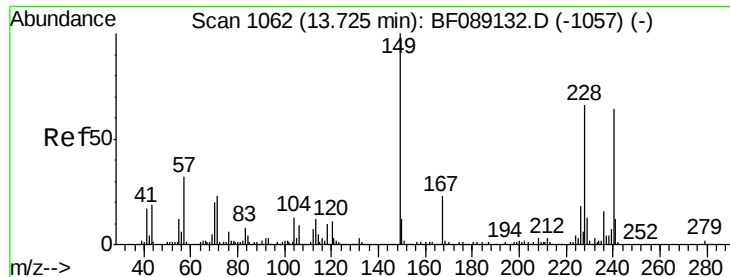


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

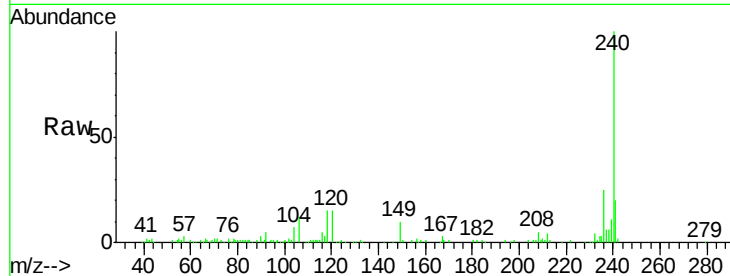




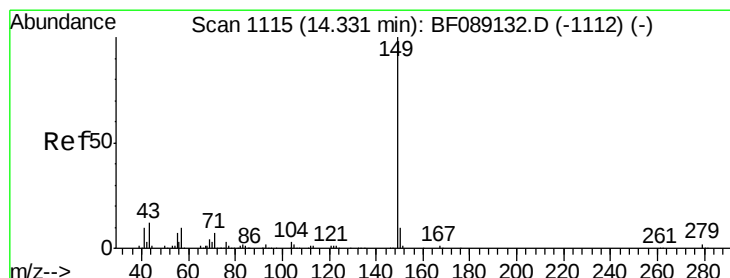
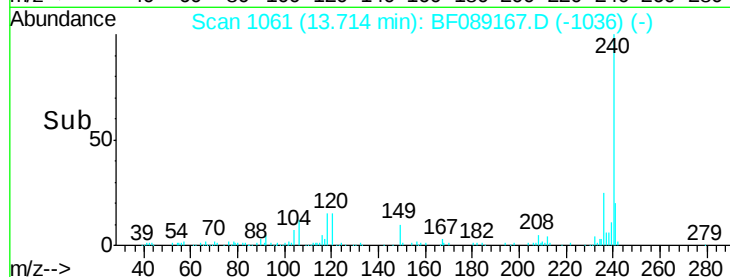
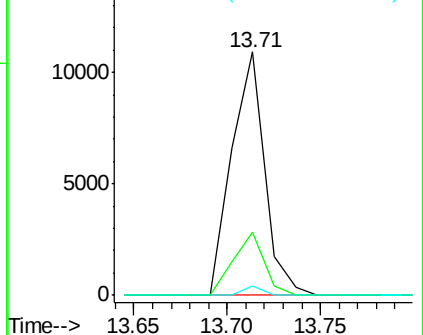
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.28 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089167.D
Acq: 21 Jul 2016 8:46

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-004

Tot Ion:149 Resp: 13460
Ion Ratio Lower Upper
149 100
167 26.2 18.6 28.0
279 3.7 1.6 2.4#

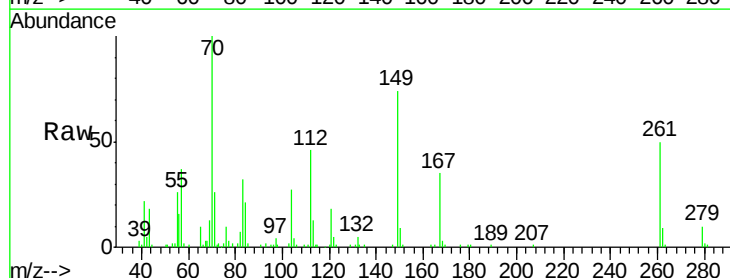


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

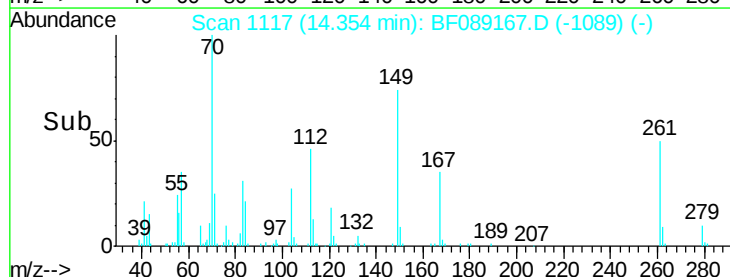
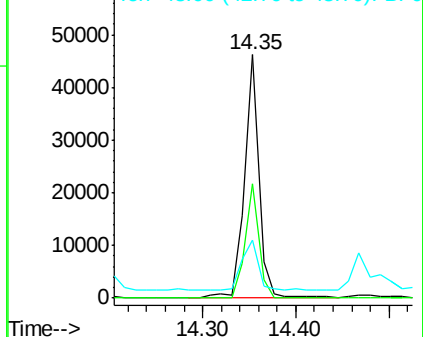


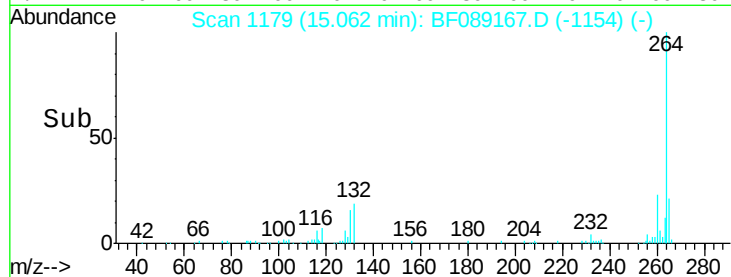
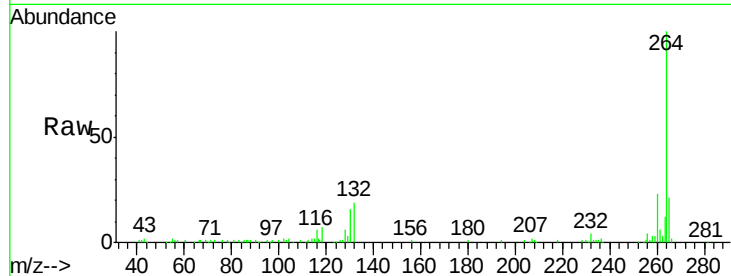
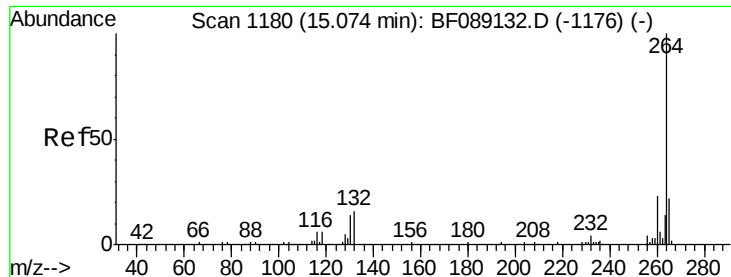
#84
Di-n-octyl phthalate
Concen: 5.15 ng
RT: 14.35 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BF089167.D
Acq: 21 Jul 2016 8:46

Tgt Ion:149 Resp: 50215
Ion Ratio Lower Upper
149 100
167 43.6 1.2 1.8#
43 23.8 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089167.D
 Acq: 21 Jul 2016 8:46

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-004

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.2	17.3	25.9

