

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089883.D
 Acq On : 24 Aug 2016 19:07
 Operator : UM/SJ
 Sample : H4585-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-3-4-STONE-003

Quant Time: Aug 25 12:21:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

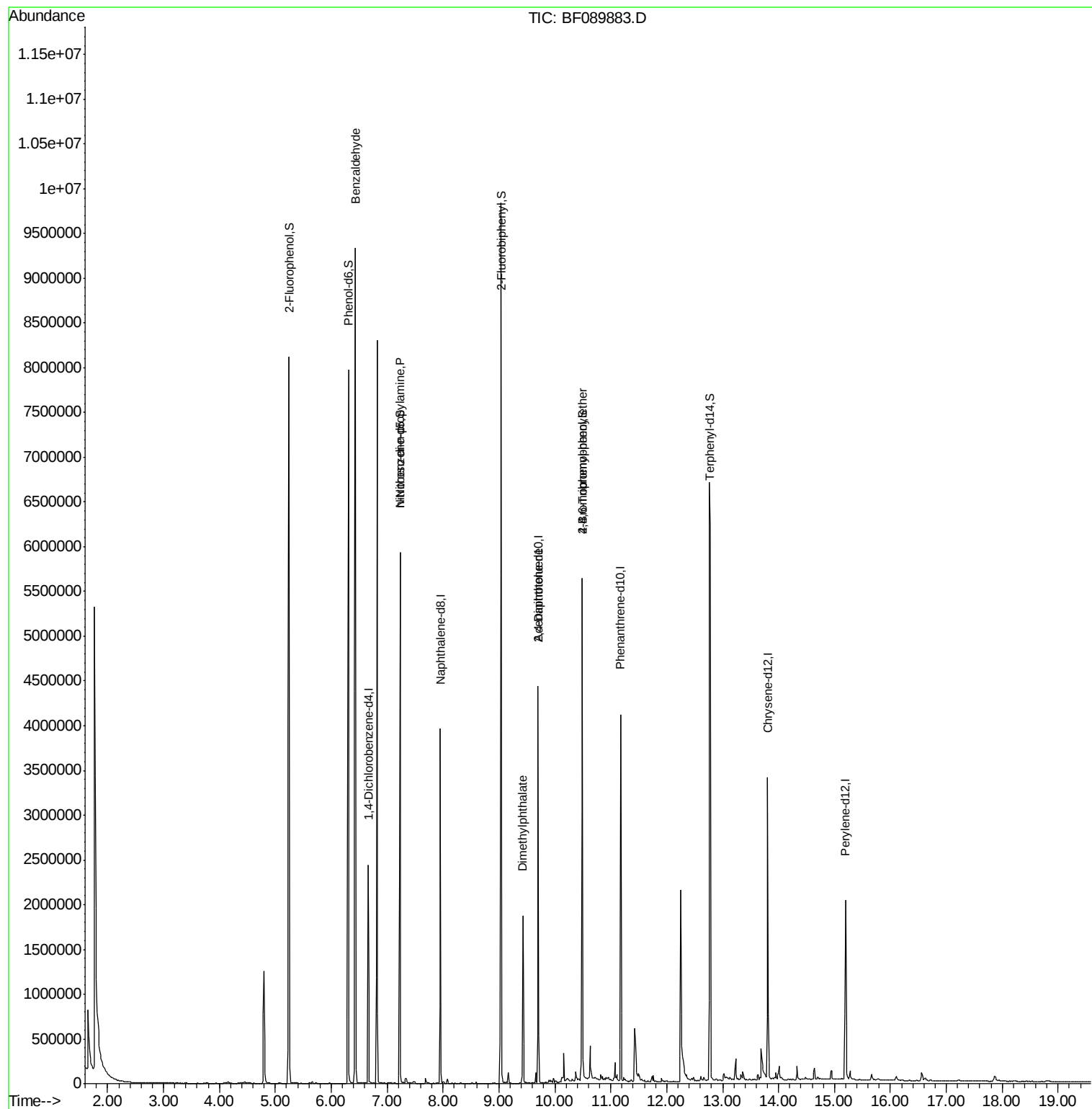
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	409204	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1748577	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	823082	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1424747	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	1117266	20.00	ng	-0.07
86) Perylene-d12	15.20	264	885076	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2661628	111.54	ng	-0.01
7) Phenol-d6	6.31	99	3615673	123.44	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2060238	73.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	815951	104.31	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3764929	80.39	ng	-0.01
78) Terphenyl-d14	12.78	244	3151630	63.82	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.43	77	66314	3.48	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.23	70	280199	14.96	ng	# 73
49) Dimethylphthalate	9.43	163	758684	13.09	ng	99
56) 2,4-Dinitrotoluene	9.70	165	108947	6.28	ng	# 35
66) 4-Bromophenyl-phenylether	10.49	248	52725	3.53	ng	# 1

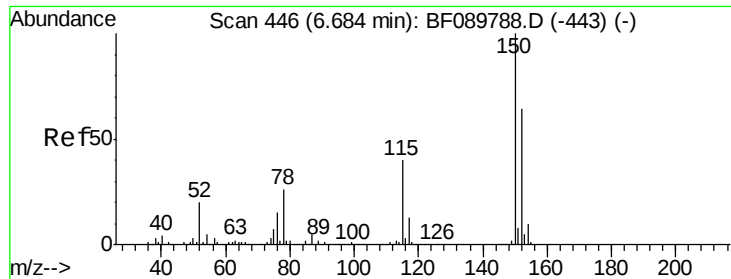
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
Data File : BF089883.D
Acq On : 24 Aug 2016 19:07
Operator : UM/SJ
Sample : H4585-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-3-4-STONE-003

Quant Time: Aug 25 12:21:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration



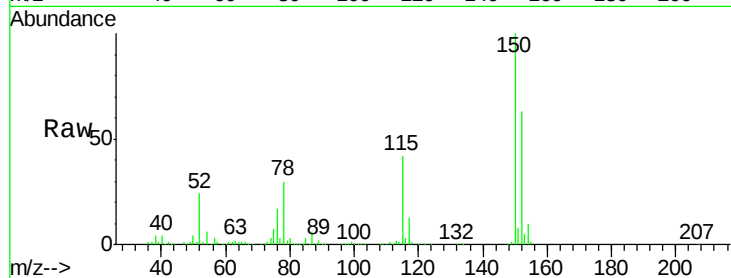


#1

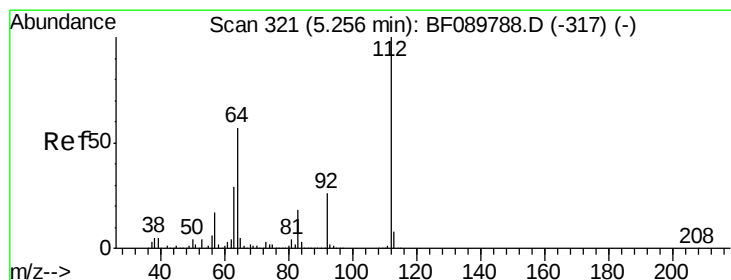
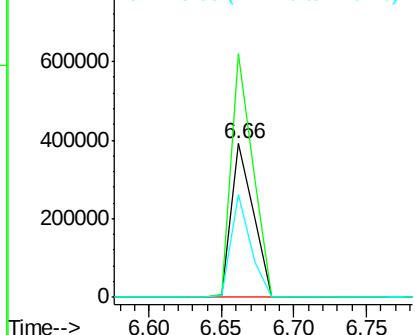
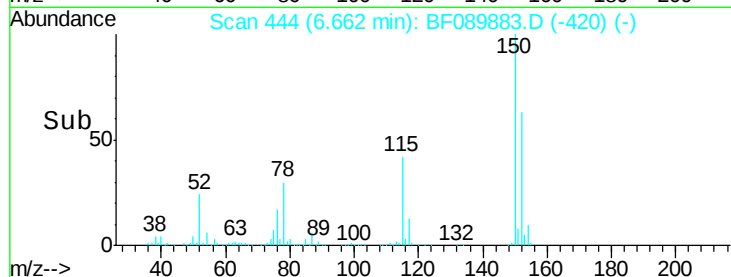
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF089883.D
Acq: 24 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-3-4-STONE-003

Tgt Ion:152 Resp: 409204
Ion Ratio Lower Upper
152 100
150 158.6 125.3 187.9
115 66.6 40.9 61.3#



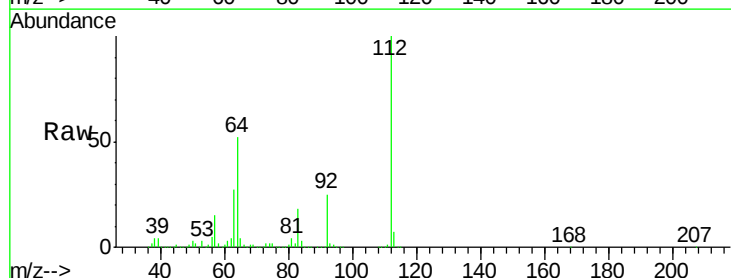
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



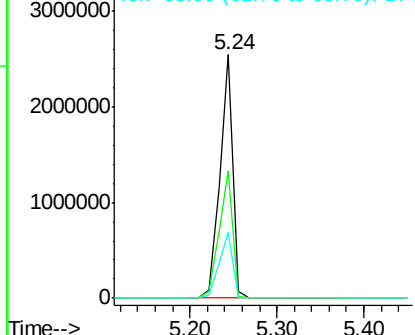
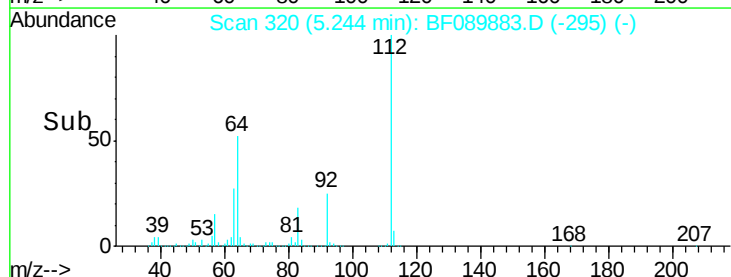
#5

2-Fluorophenol
Concen: 111.54 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.01 min
Lab File: BF089883.D
Acq: 24 Aug 2016 19:07

Tgt Ion:112 Resp: 2661628
Ion Ratio Lower Upper
112 100
64 52.5 45.0 67.4
63 27.0 23.1 34.7



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: 123.44 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-3-4-STONE-003

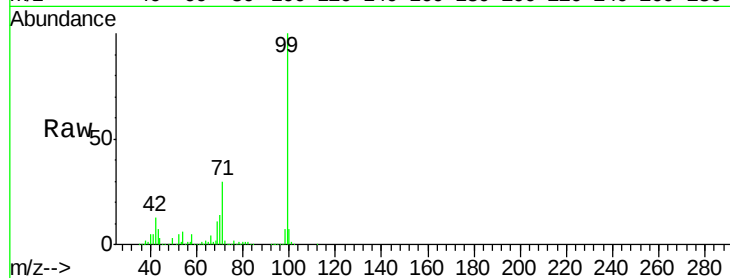
Tgt Ion: 99 Resp: 3615673

Ion Ratio Lower Upper

99 100

42 13.2 12.2 18.4

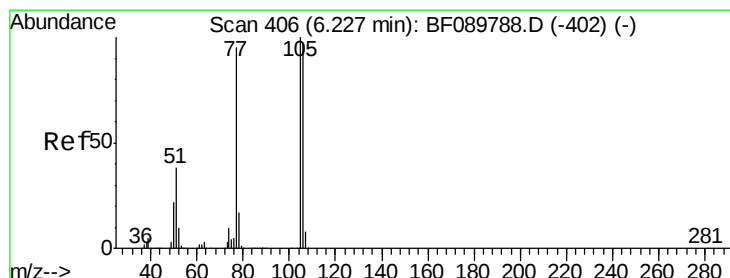
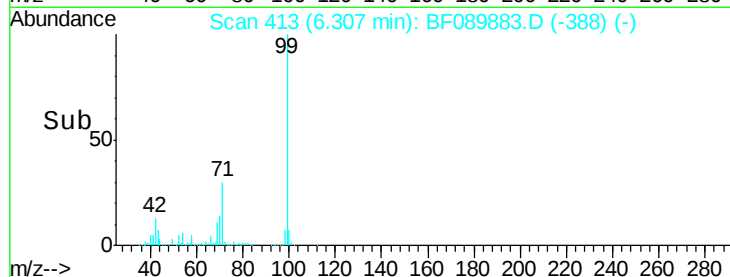
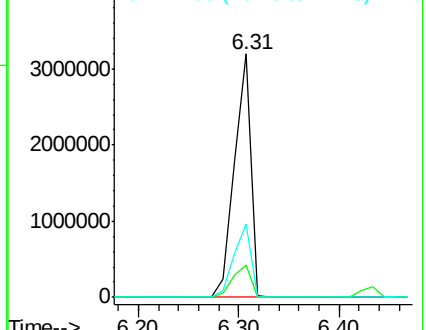
71 29.9 23.8 35.8



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



#9

Benzaldehyde

Concen: 3.48 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.21 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

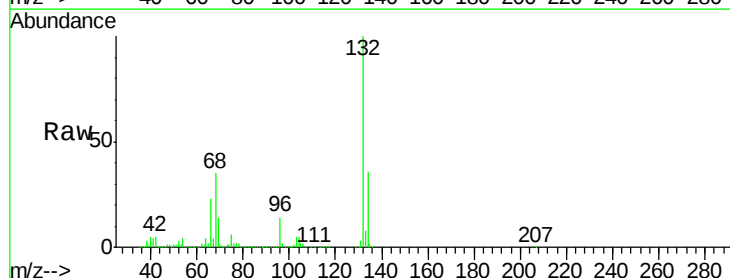
Tgt Ion: 77 Resp: 66314

Ion Ratio Lower Upper

77 100

105 85.4 73.3 113.3

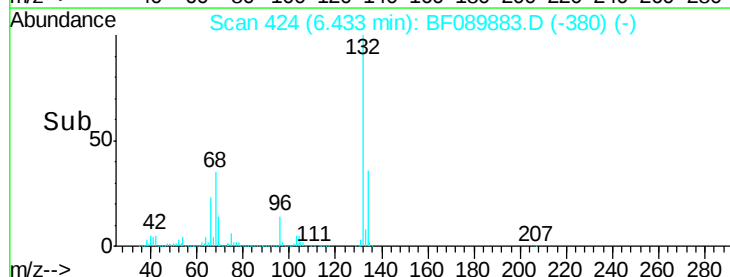
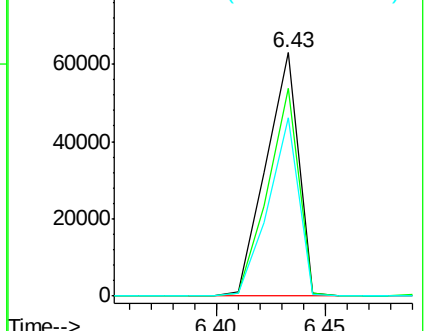
106 73.4 68.6 108.6

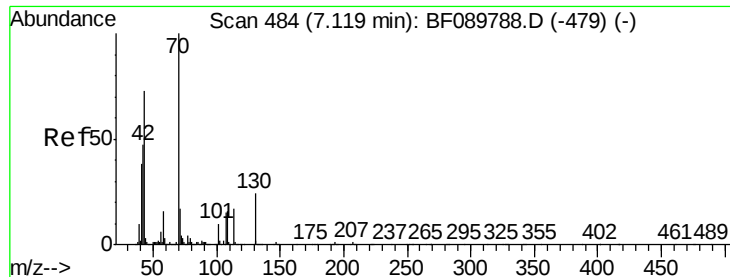


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

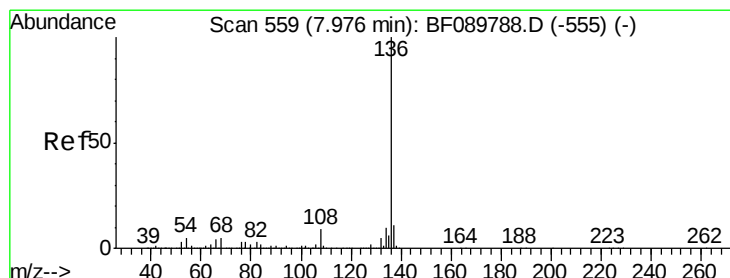
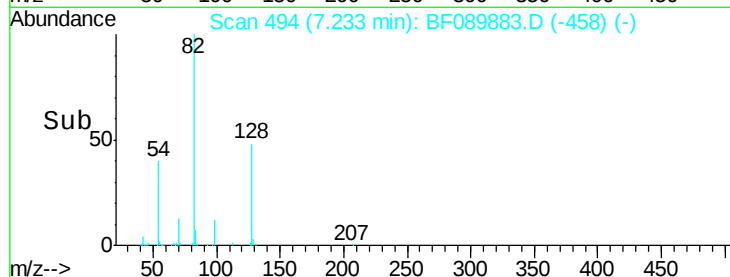
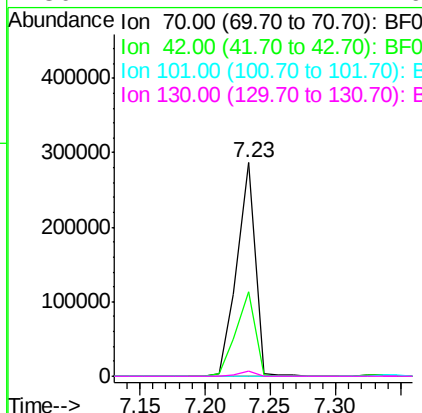
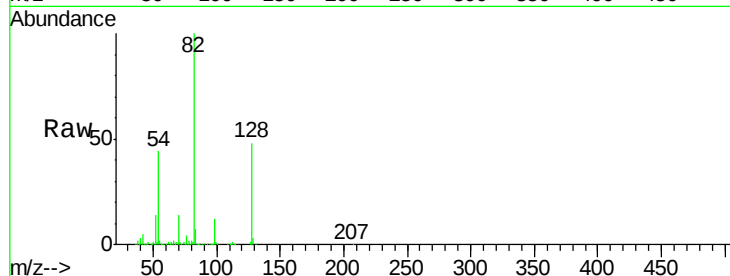




#19
n-Nitroso-di-n-propylamine
Concen: 14.96 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.11 min
Lab File: BF089883.D
Acq: 24 Aug 2016 19:07

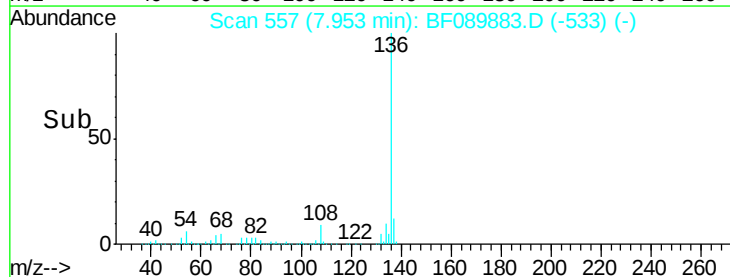
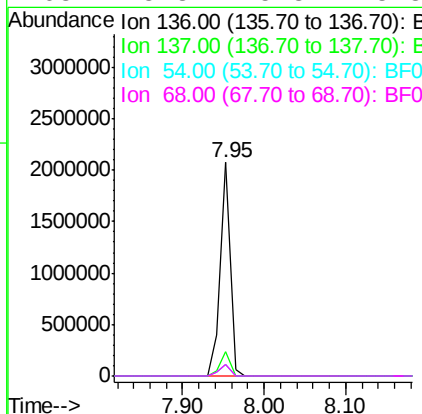
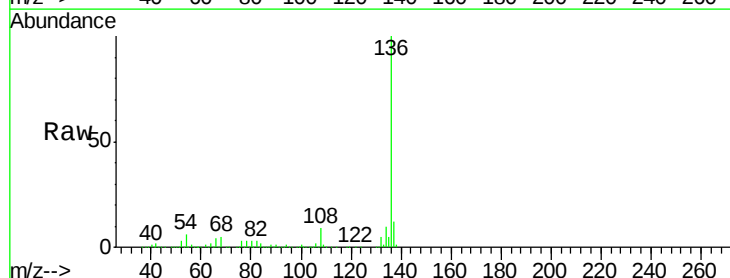
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-3-4-STONE-003

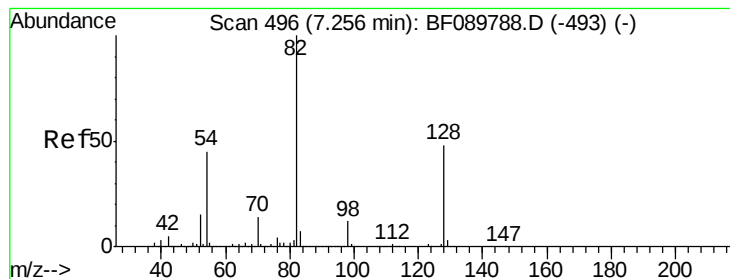
Tgt Ion:	70	Resp:	280199
Ion	Ratio	Lower	Upper
70	100		
42	39.6	46.3	69.5#
101	0.0	7.0	10.6#
130	2.4	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089883.D
Acq: 24 Aug 2016 19:07

Tgt Ion:	136	Resp:	1748577
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	5.7	7.2	10.8#
68	5.3	5.8	8.8#





#23

Nitrobenzene-d5

Concen: 73.20 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-3-4-STONE-003

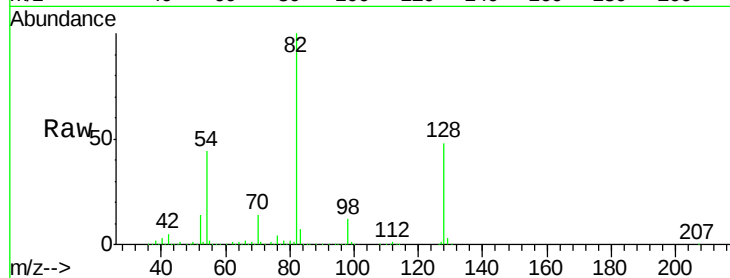
Tgt Ion: 82 Resp: 2060238

Ion Ratio Lower Upper

82 100

128 48.3 34.4 51.6

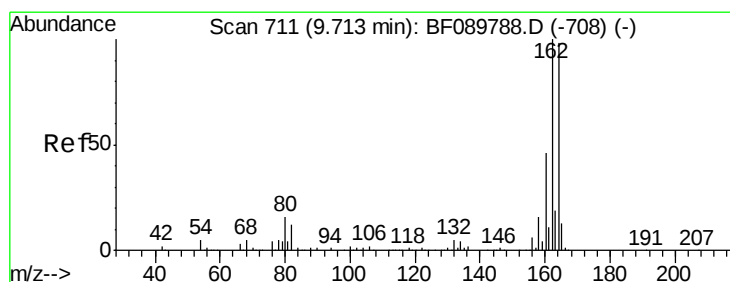
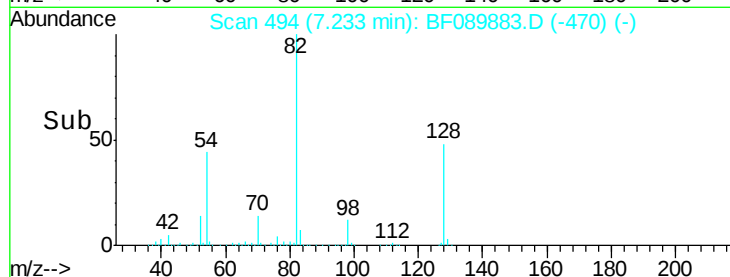
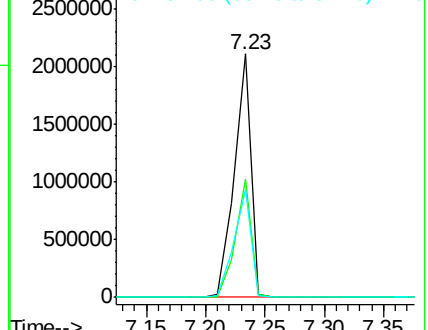
54 44.2 40.3 60.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

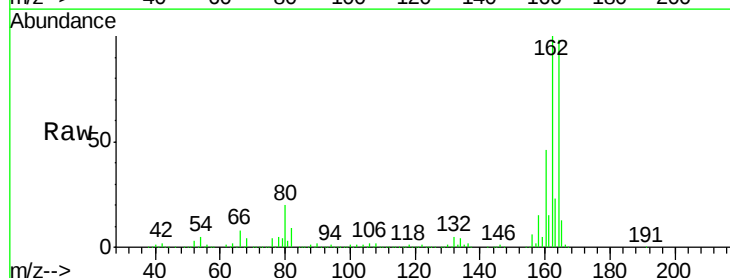
Tgt Ion: 164 Resp: 823082

Ion Ratio Lower Upper

164 100

162 102.1 81.4 122.2

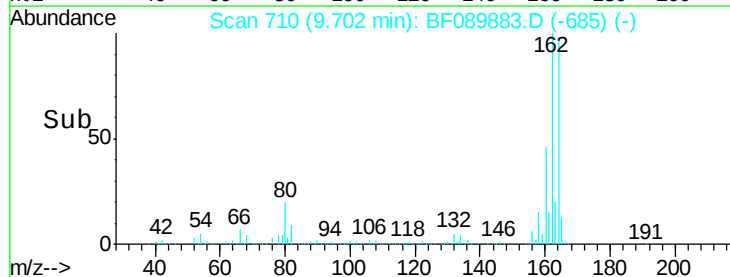
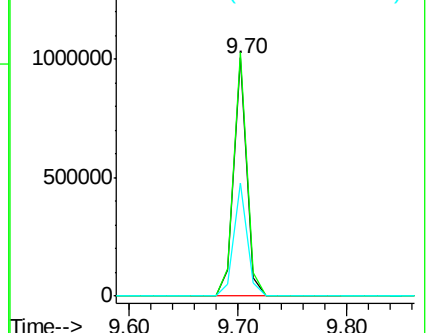
160 47.4 37.8 56.6

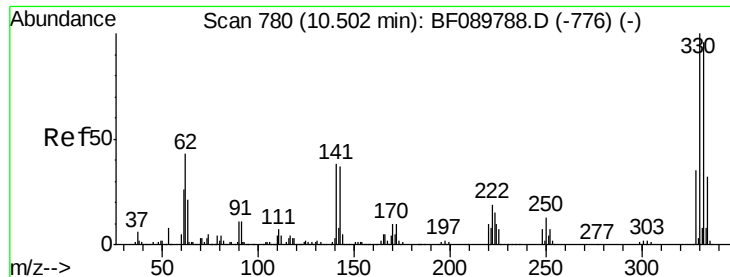


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

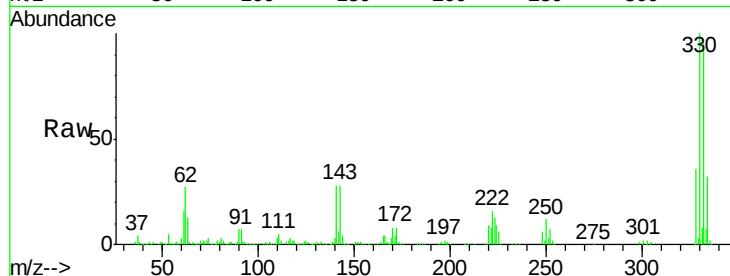




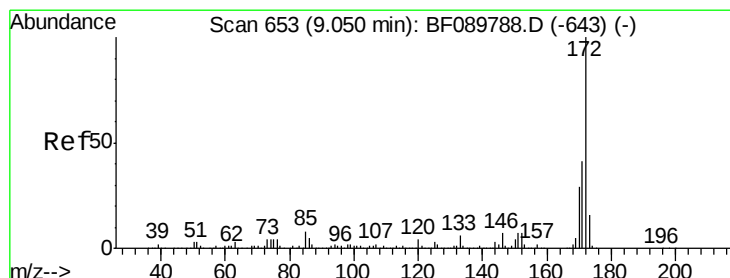
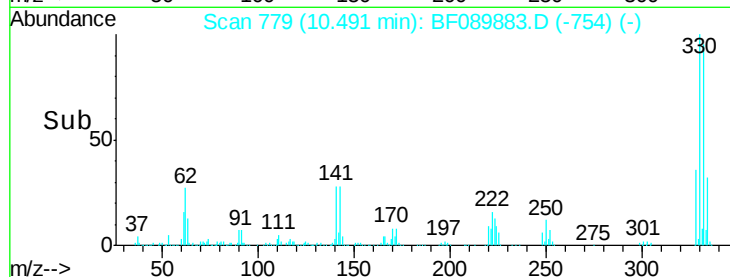
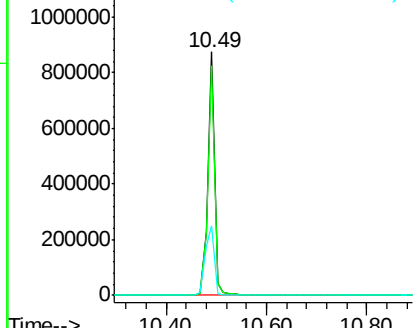
#41
 2,4,6-Tribromophenol
 Concen: 104.31 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089883.D
 Acq: 24 Aug 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-3-4-STONE-003

Tgt Ion:330 Resp: 815951
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.7 115.1
 141 38.1 30.2 45.2

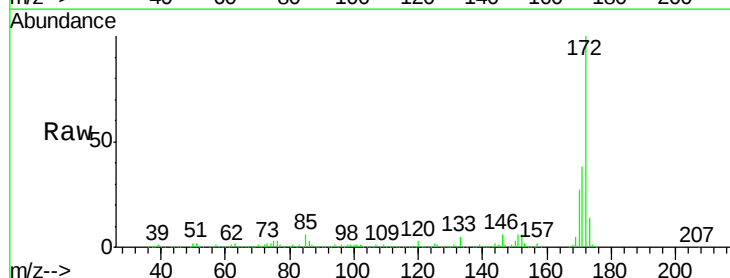


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

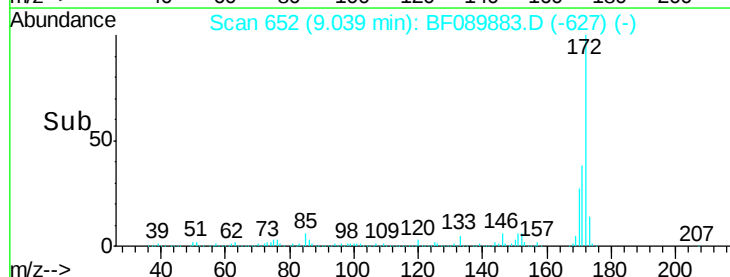
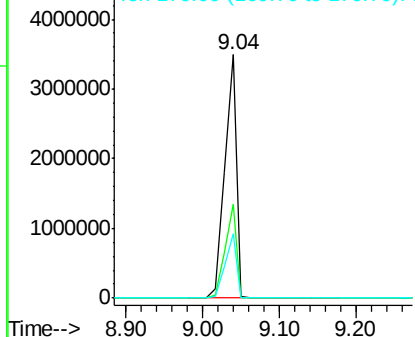


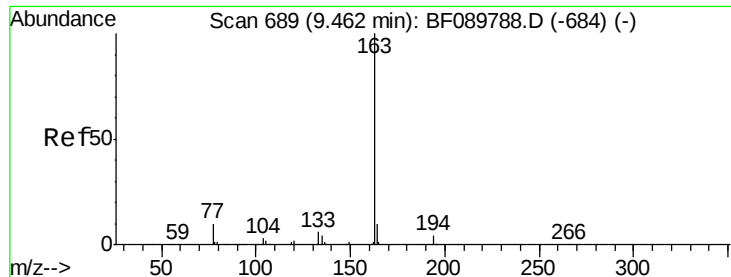
#44
 2-Fluorobiphenyl
 Concen: 80.39 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089883.D
 Acq: 24 Aug 2016 19:07

Tgt Ion:172 Resp: 3764929
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.5 45.7
 170 26.5 20.6 31.0



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

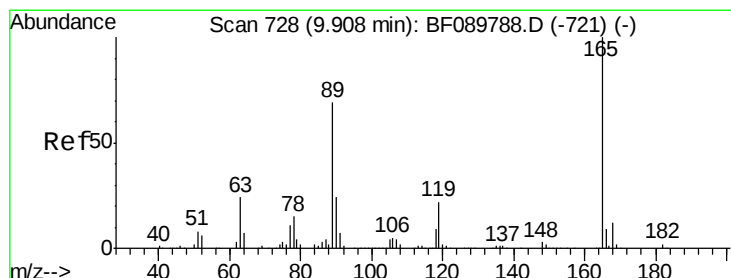
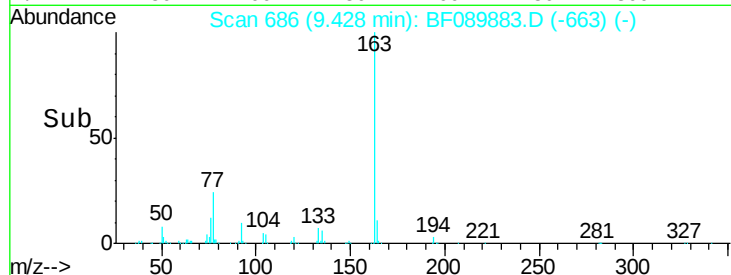
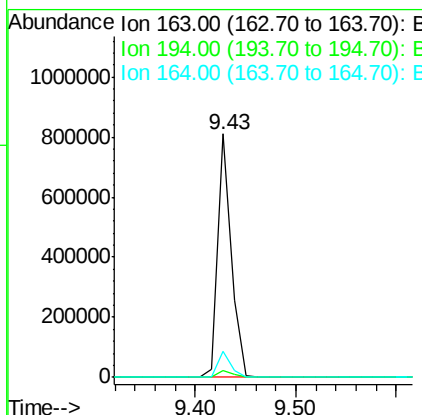
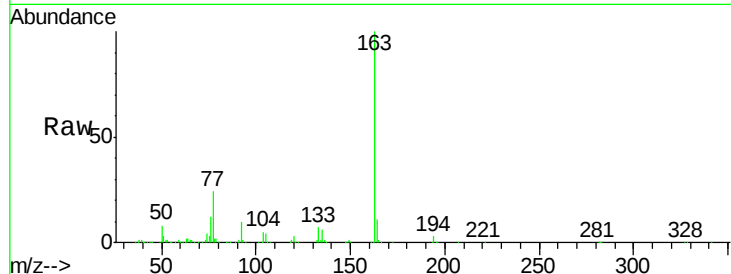




#49
Dimethylphthalate
Concen: 13.09 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF089883.D
Acq: 24 Aug 2016 19:07

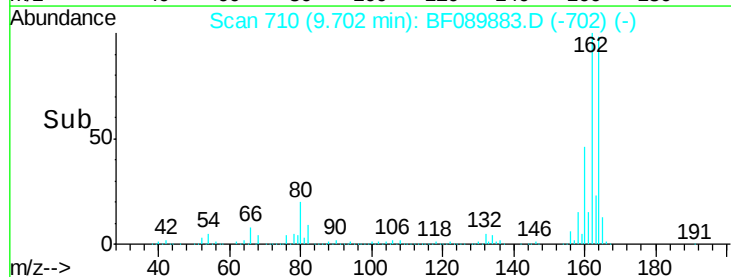
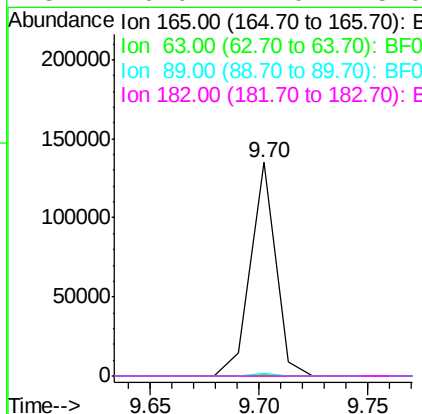
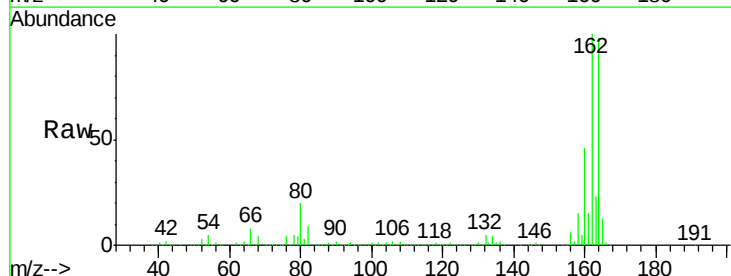
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-3-4-STONE-003

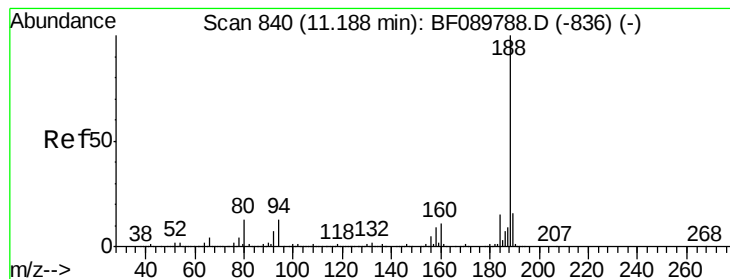
Tgt Ion:163 Resp: 758684
Ion Ratio Lower Upper
163 100
194 2.8 2.6 3.8
164 10.5 8.6 12.8



#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.20 min
Lab File: BF089883.D
Acq: 24 Aug 2016 19:07

Tgt Ion:165 Resp: 108947
Ion Ratio Lower Upper
165 100
63 0.9 23.7 35.5#
89 1.2 44.0 66.0#
182 0.0 2.0 3.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-3-4-STONE-003

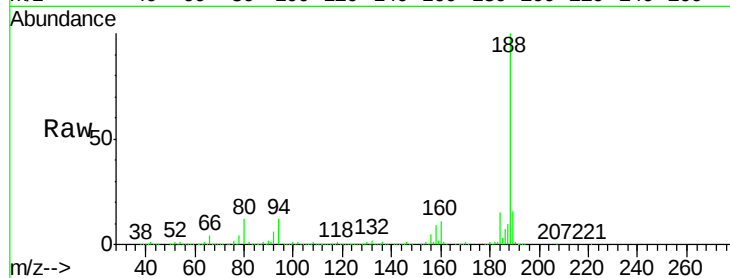
Tgt Ion:188 Resp: 1424747

Ion Ratio Lower Upper

188 100

94 11.9 10.2 15.2

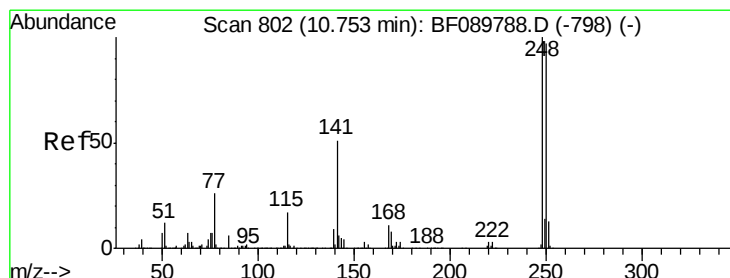
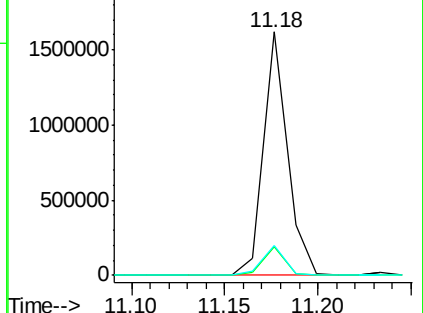
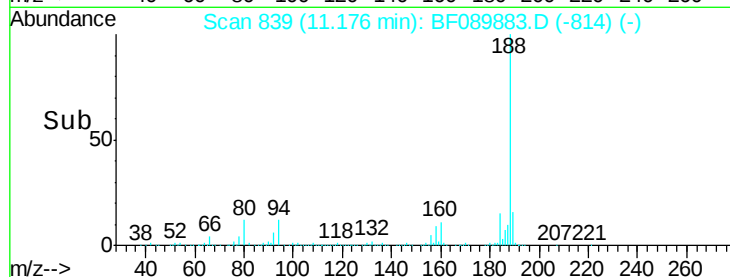
80 12.4 10.9 16.3



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



#66

4-Bromophenyl-phenylether

Concen: 3.53 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.26 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

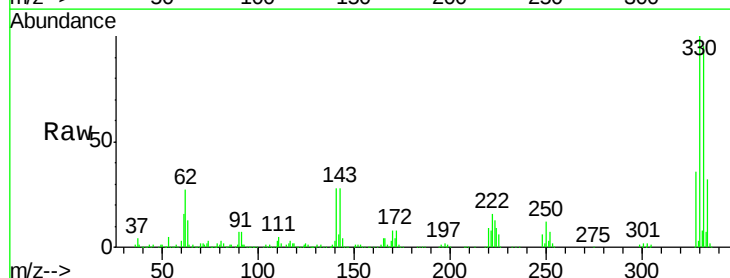
Tgt Ion:248 Resp: 52725

Ion Ratio Lower Upper

248 100

250 197.9 78.6 117.8#

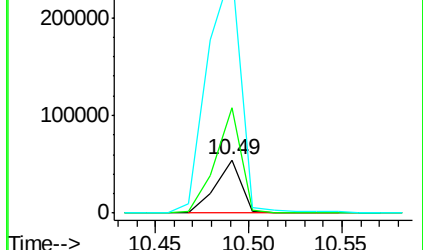
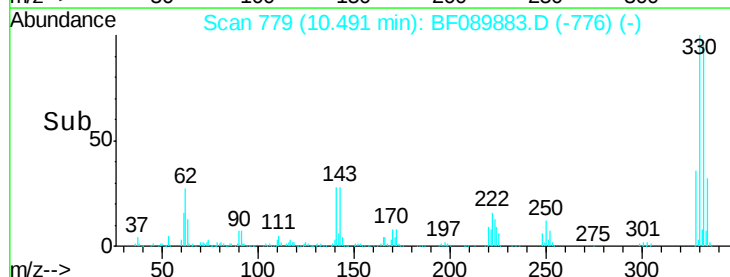
141 455.5 31.4 47.2#

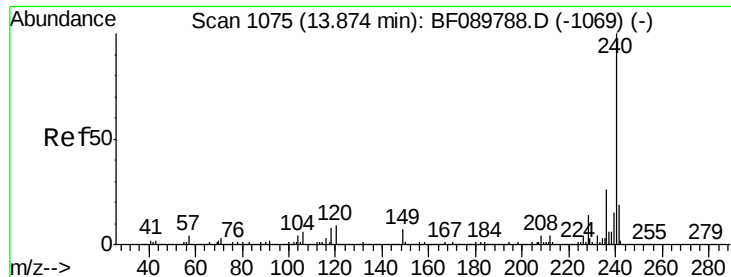


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.07 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-3-4-STONE-003

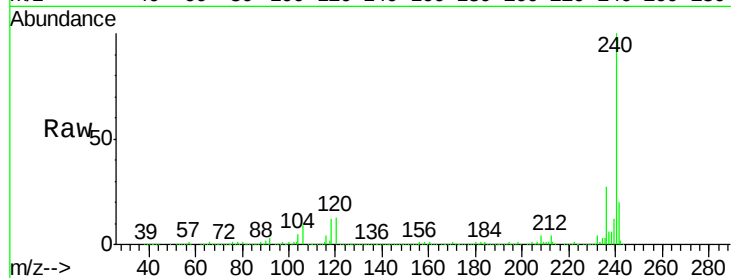
Tgt Ion:240 Resp: 1117266

Ion Ratio Lower Upper

240 100

120 13.4 8.3 12.5#

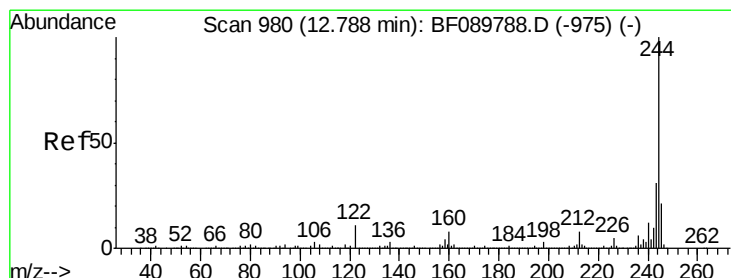
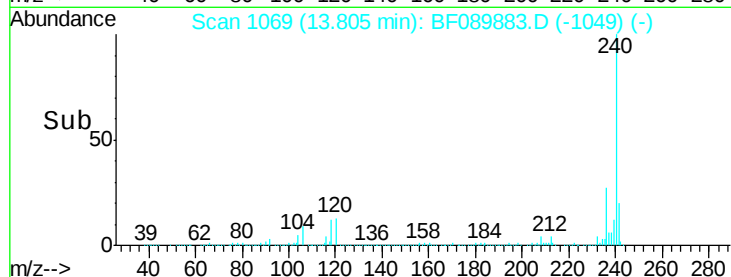
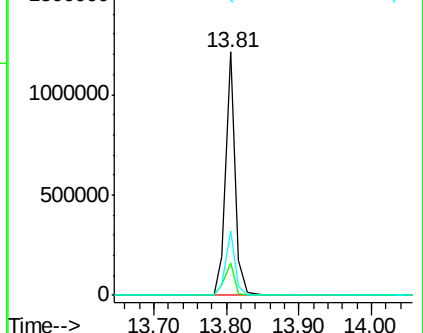
236 26.5 21.3 31.9



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: 63.82 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089883.D

Acq: 24 Aug 2016 19:07

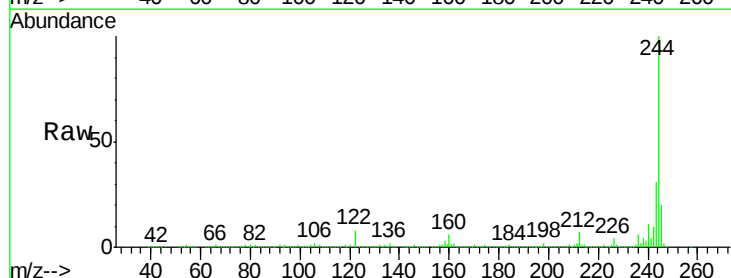
Tgt Ion:244 Resp: 3151630

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

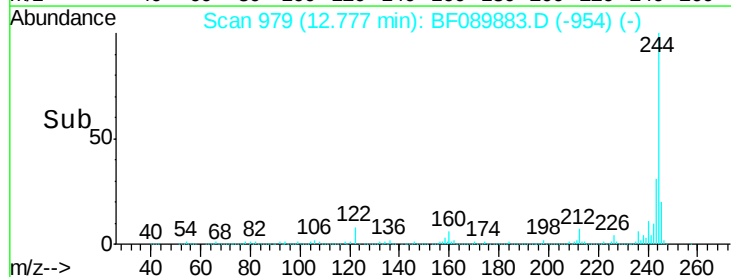
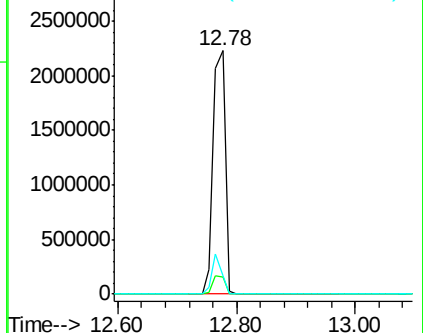
122 7.8 12.0 18.0#

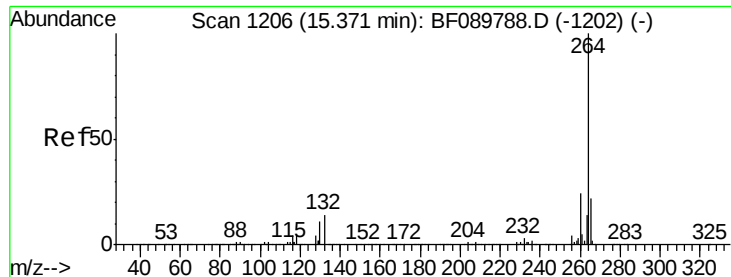


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

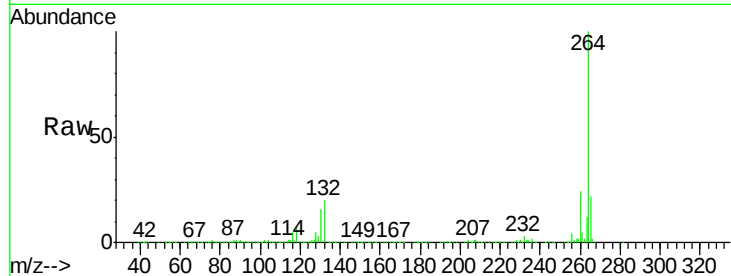




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.17 min
Lab File: BF089883.D
Acq: 24 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-3-4-STONE-003

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.2	30.2
265	22.1	17.4	26.2



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

