

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
 Data File : BF084322.D
 Acq On : 8 Jan 2016 2:29
 Operator : SJ/UM
 Sample : H1029-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

Quant Time: Jan 08 05:57:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

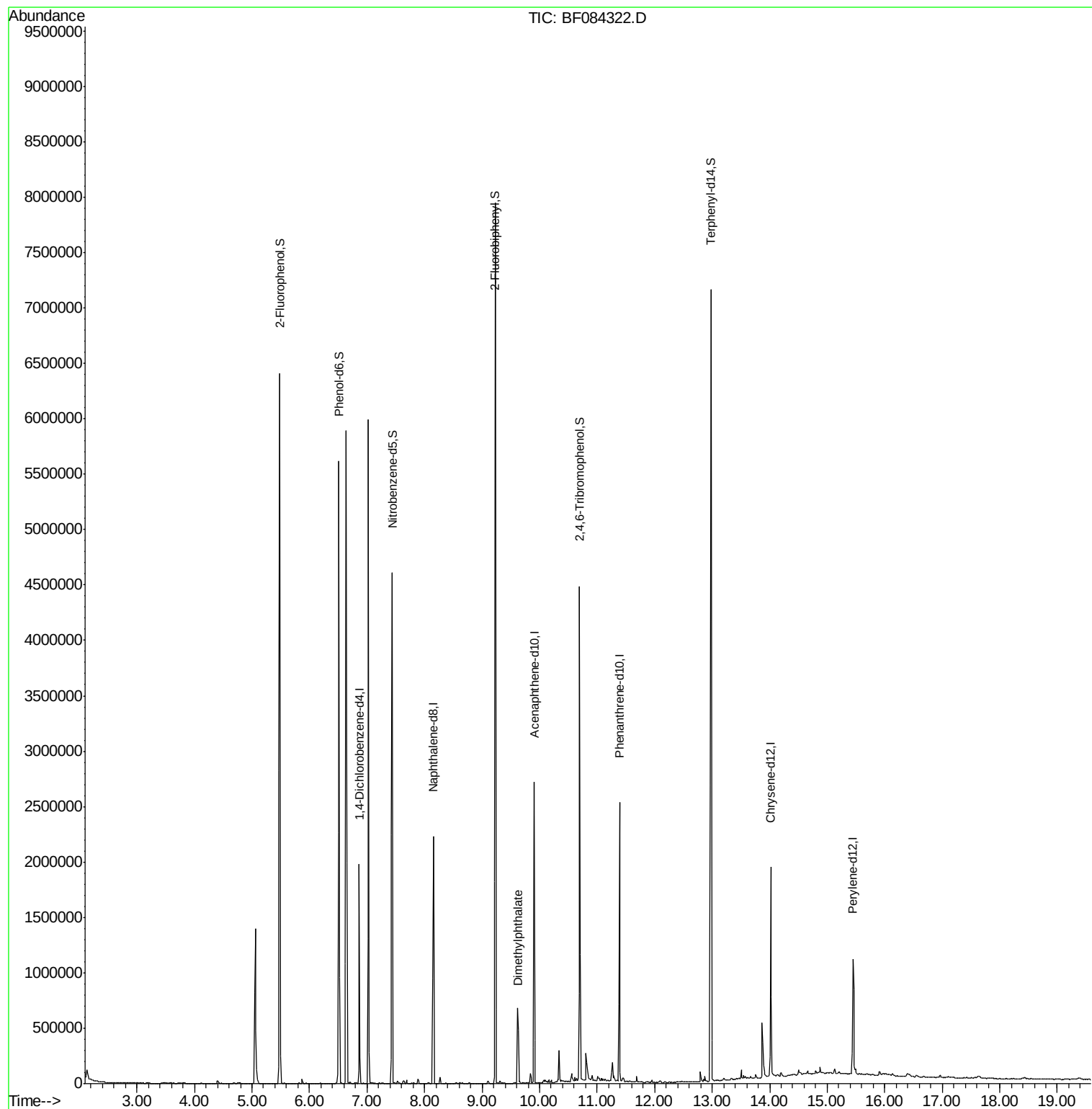
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	250062	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1083582	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	492733	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	885924	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	703943	20.00	ng	-0.05
86) Perylene-d12	15.45	264	537908	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1734958	112.22	ng	-0.01
7) Phenol-d6	6.51	99	2042449	105.19	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1599305	82.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	523349	105.21	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2211546	78.47	ng	-0.03
78) Terphenyl-d14	12.98	244	2172464	68.89	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.63	163	360187	10.23	ng	Qvalue # 91

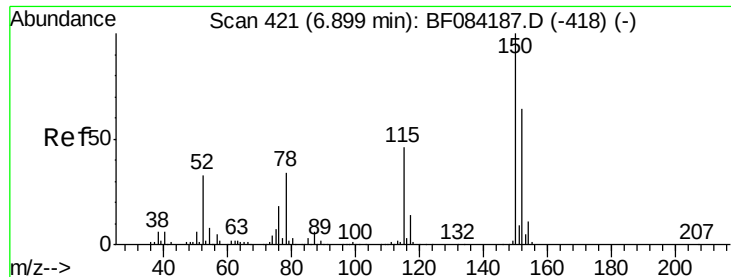
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084322.D
Acq On : 8 Jan 2016 2:29
Operator : SJ/UM
Sample : H1029-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

Quant Time: Jan 08 05:57:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

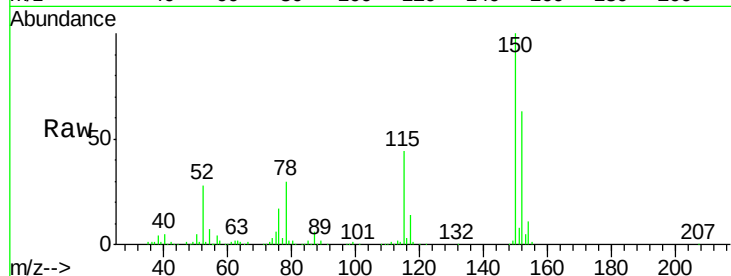
Tot Ion:152 Resp: 250062

Ion Ratio Lower Upper

152 100

150 158.9 123.0 184.4

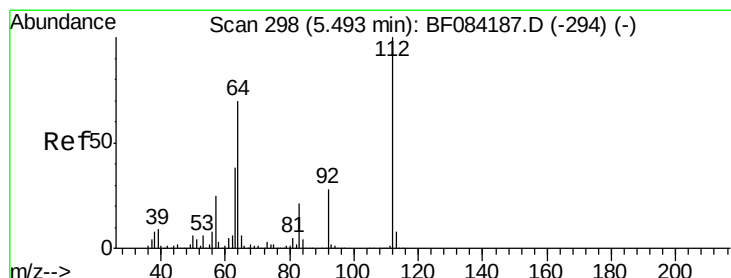
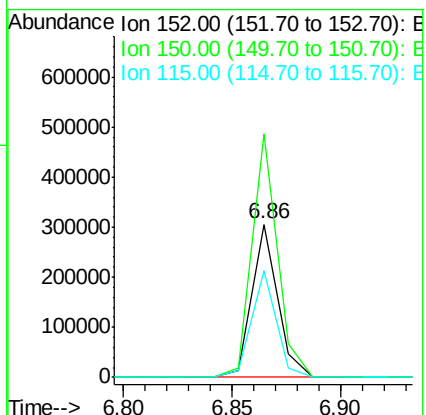
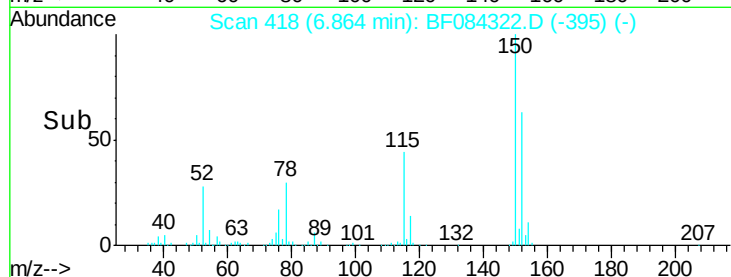
115 69.7 51.4 77.2



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: 112.22 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

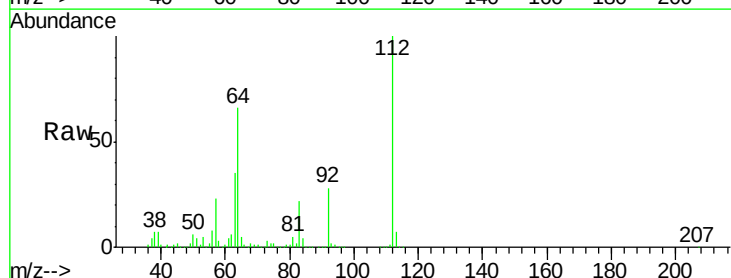
Tgt Ion:112 Resp: 1734958

Ion Ratio Lower Upper

112 100

64 65.6 36.6 55.0#

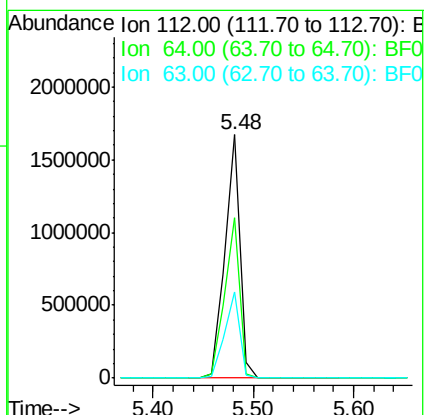
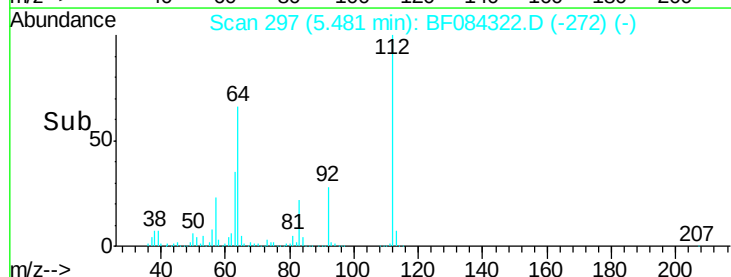
63 35.4 19.4 29.0#

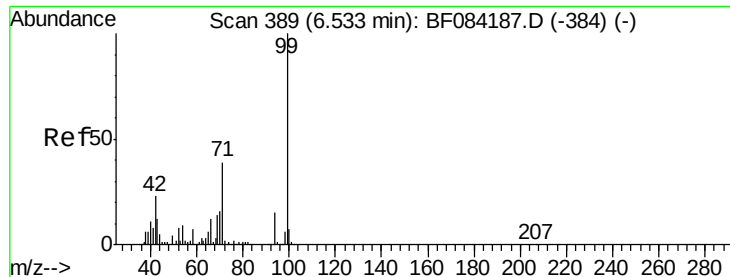


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.19 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

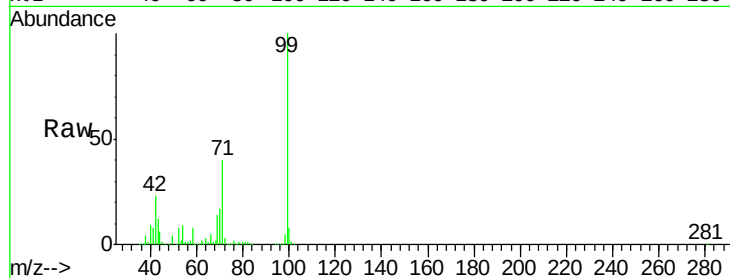
Tot Ion: 99 Resp: 2042449

Ion Ratio Lower Upper

99 100

42 23.0 12.8 19.2#

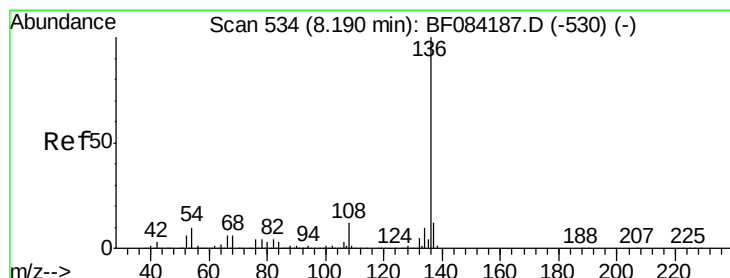
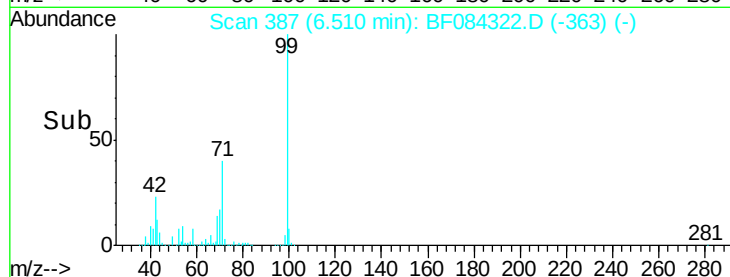
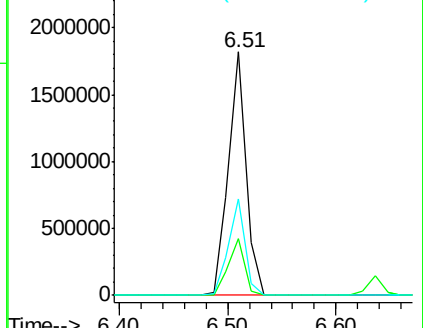
71 39.6 30.9 46.3



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: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

Tgt Ion: 136 Resp: 1083582

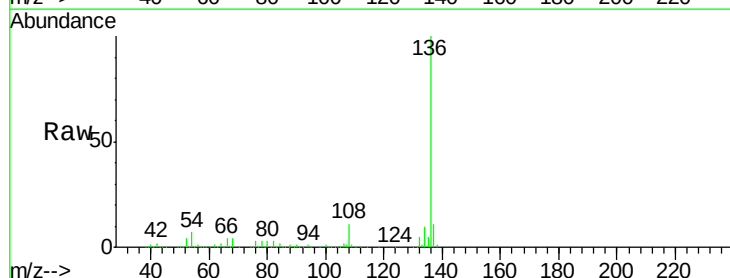
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.4 5.8 8.8

68 4.4 4.2 6.2

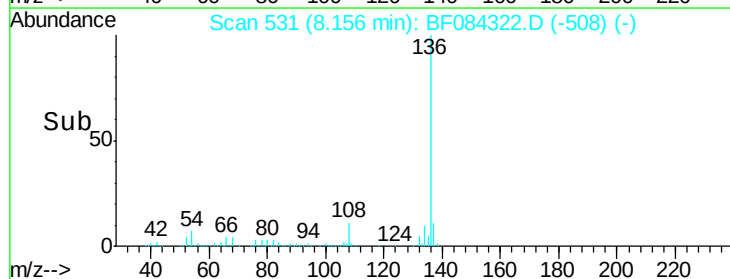
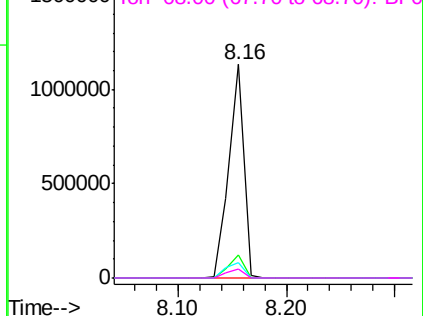


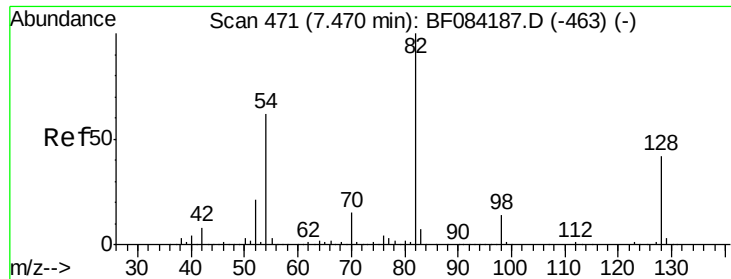
Abundance Ion 136.00 (135.70 to 136.70): E

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

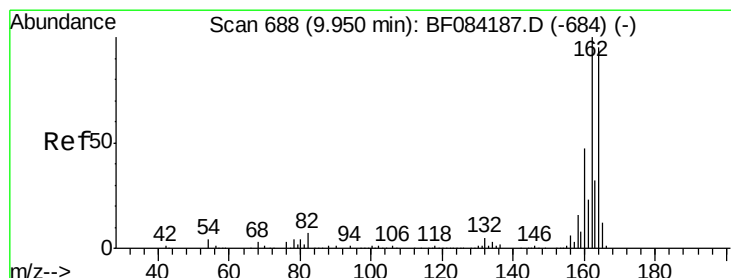
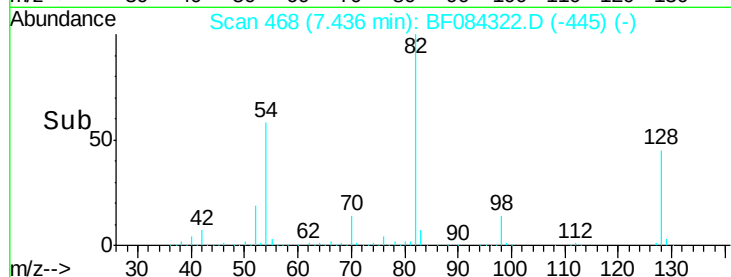
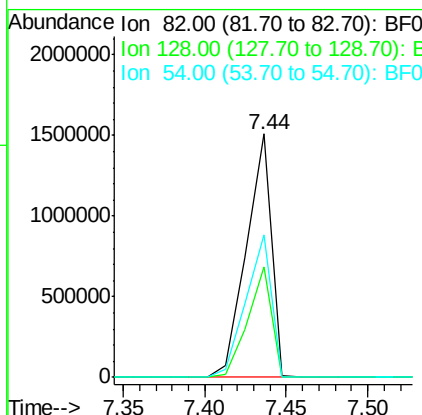
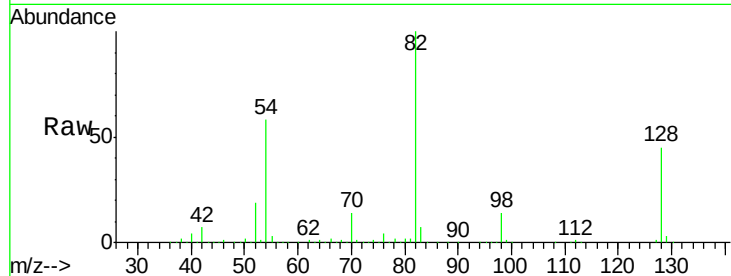




#23
 Nitrobenzene-d5
 Concen: 82.14 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084322.D
 Acq: 8 Jan 2016 2:29

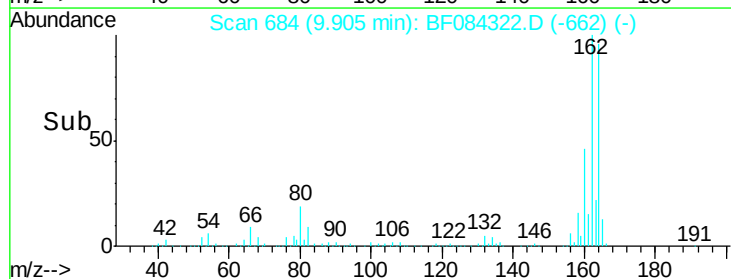
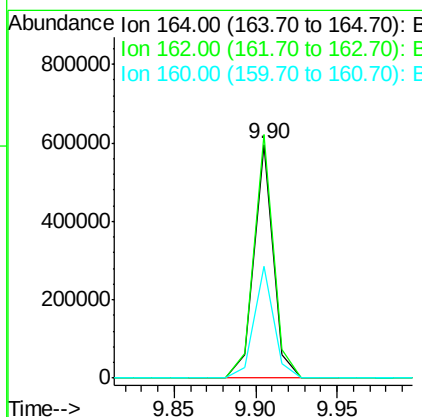
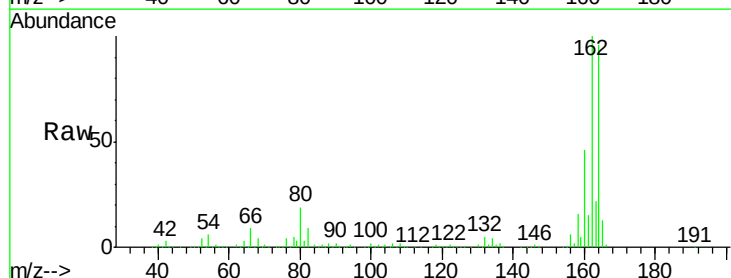
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

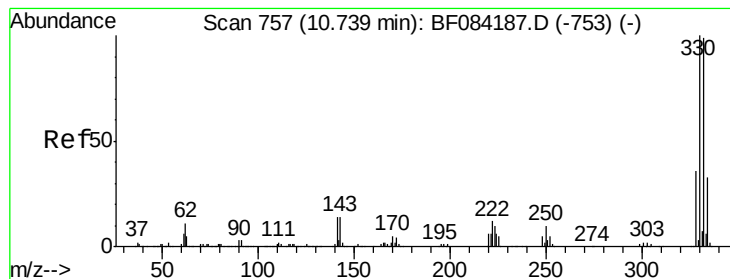
Tot Ion: 82 Resp: 1599305
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.6 51.8
 54 58.4 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084322.D
 Acq: 8 Jan 2016 2:29

Tgt Ion:164 Resp: 492733
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.1 127.7
 160 47.8 37.5 56.3





#41

2,4,6-Tribromophenol

Concen: 105.21 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

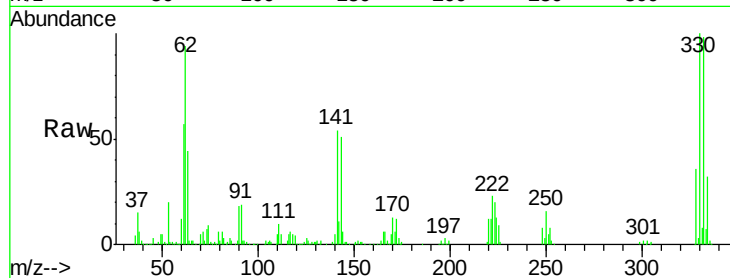
Tot Ion:330 Resp: 523349

Ion Ratio Lower Upper

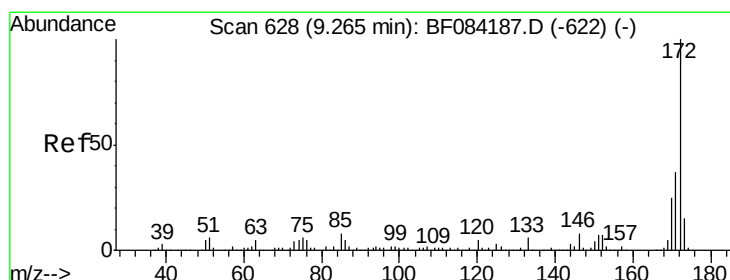
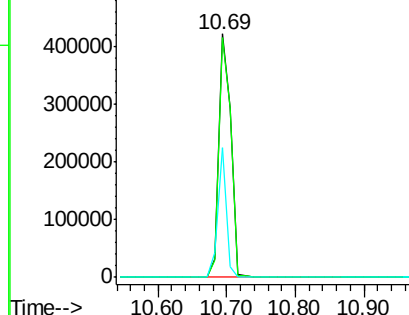
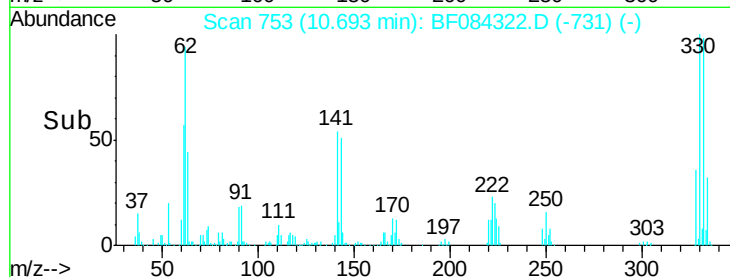
330 100

332 98.8 76.6 114.8

141 38.4 27.8 41.6



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: 78.47 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

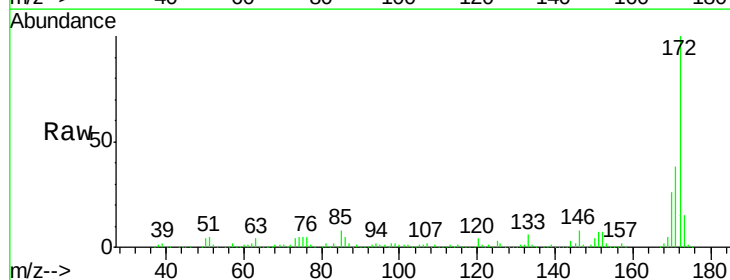
Tgt Ion:172 Resp: 2211546

Ion Ratio Lower Upper

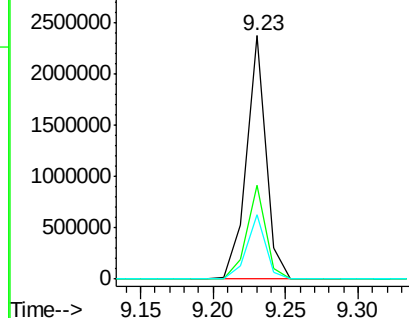
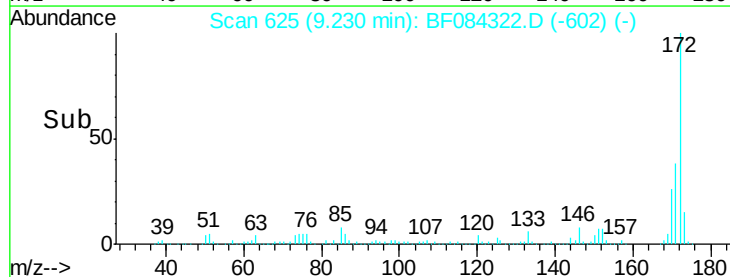
172 100

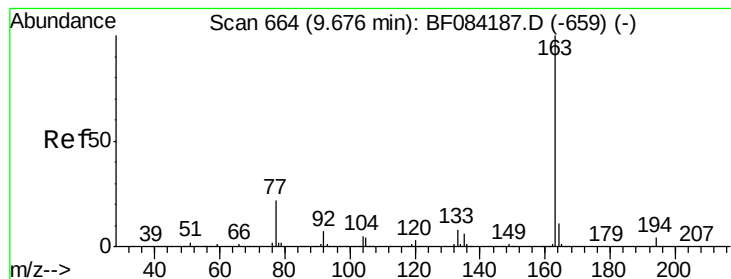
171 38.4 28.9 43.3

170 26.3 18.6 27.8



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: 10.23 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

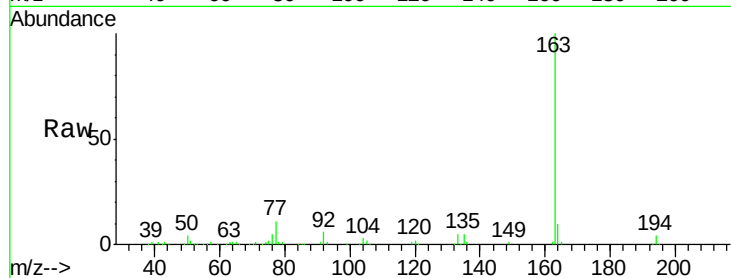
Tot Ion:163 Resp: 360187

Ion Ratio Lower Upper

163 100

194 3.8 8.0 12.0#

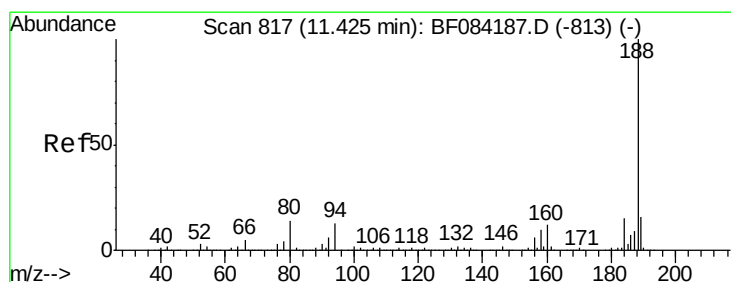
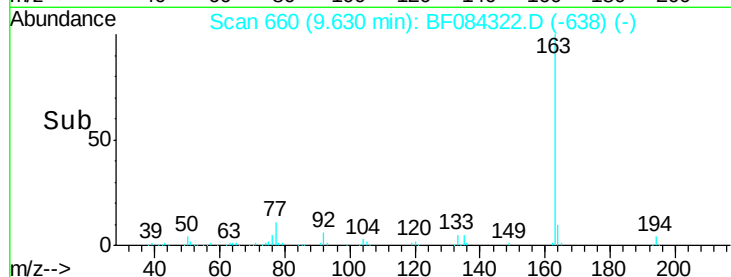
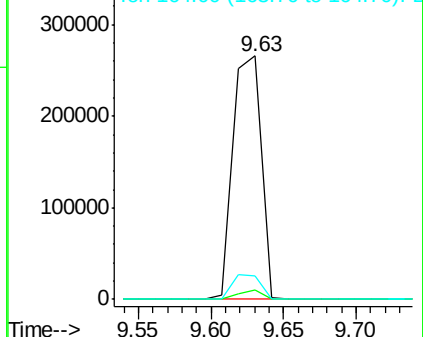
164 9.7 8.0 12.0



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: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

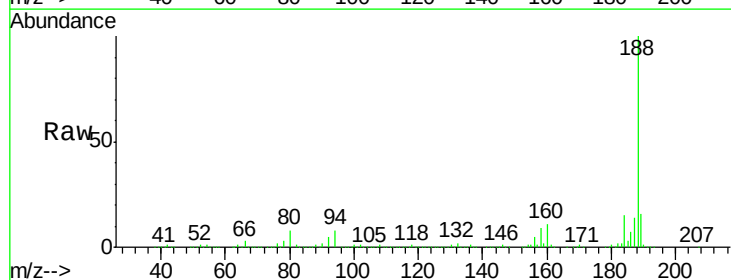
Tgt Ion:188 Resp: 885924

Ion Ratio Lower Upper

188 100

94 8.1 9.0 13.4#

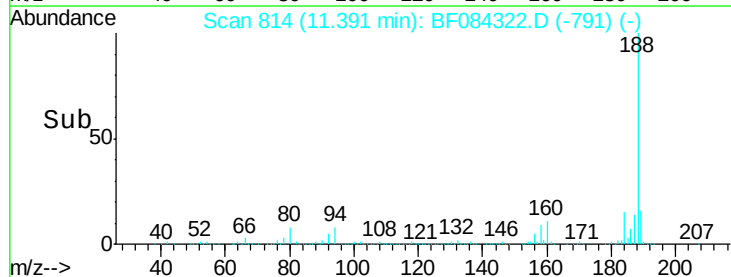
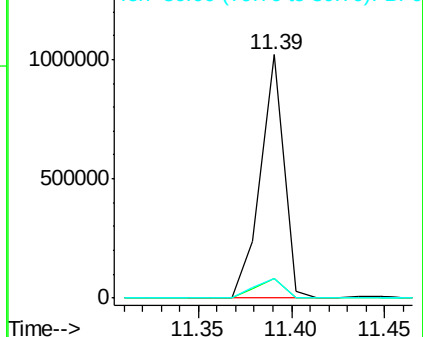
80 8.2 9.6 14.4#

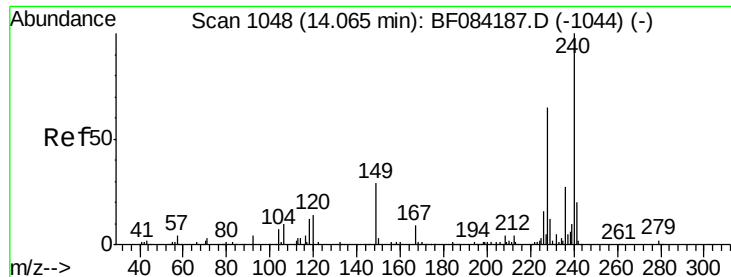


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

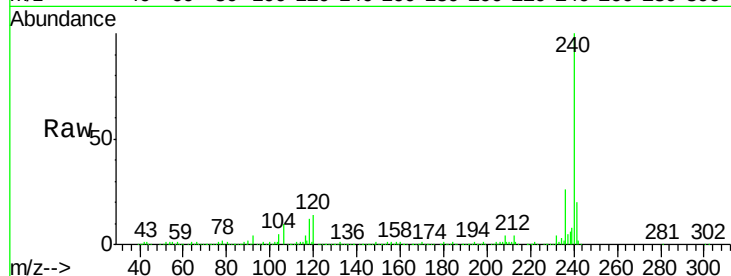
Tot Ion:240 Resp: 703943

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

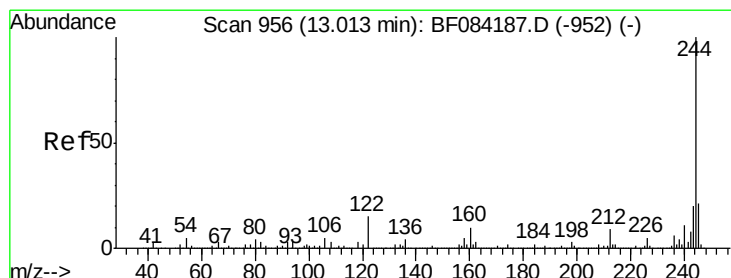
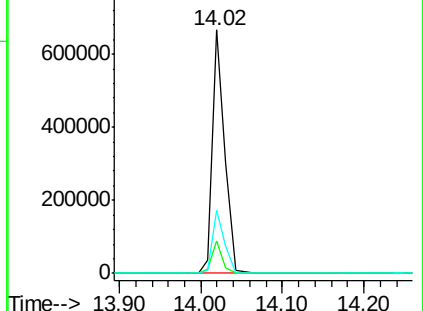
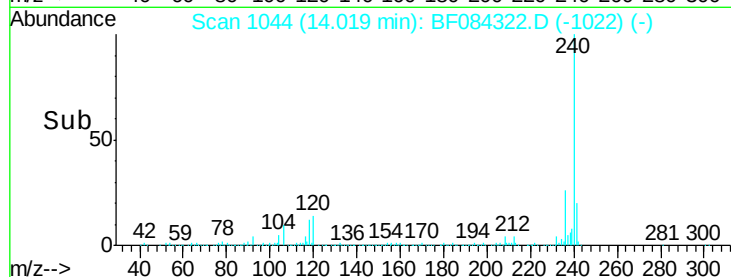
236 25.8 20.6 31.0



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: 68.89 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084322.D

Acq: 8 Jan 2016 2:29

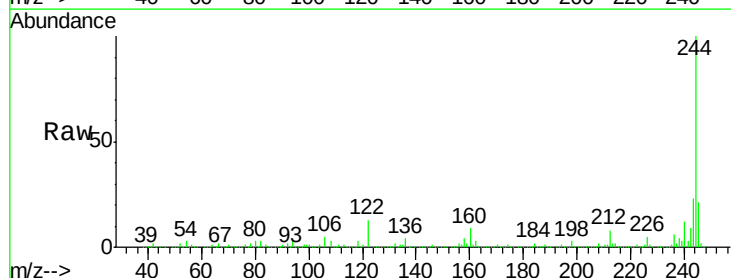
Tgt Ion:244 Resp: 2172464

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

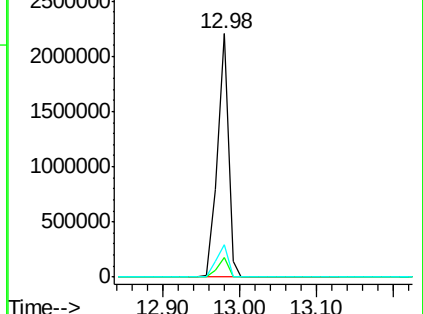
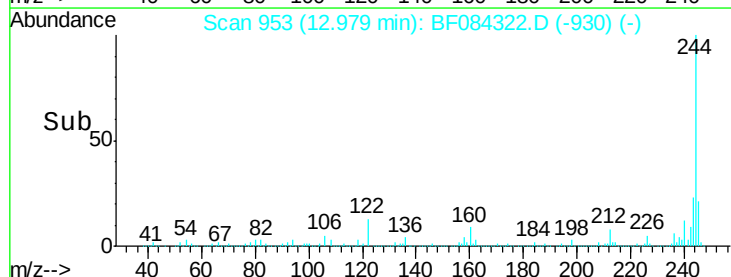
122 13.1 7.4 11.0#

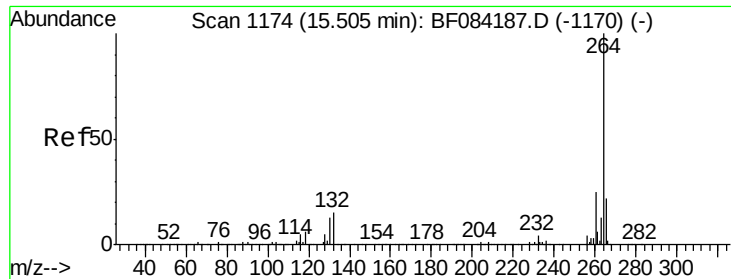


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

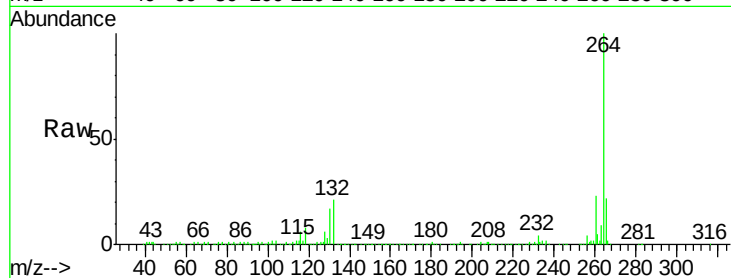




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084322.D
 Acq: 8 Jan 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.7	17.8	26.6



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

