

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
 Data File : BF084323.D
 Acq On : 8 Jan 2016 2:57
 Operator : SJ/UM
 Sample : H1031-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-001

Quant Time: Jan 08 05:58:33 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

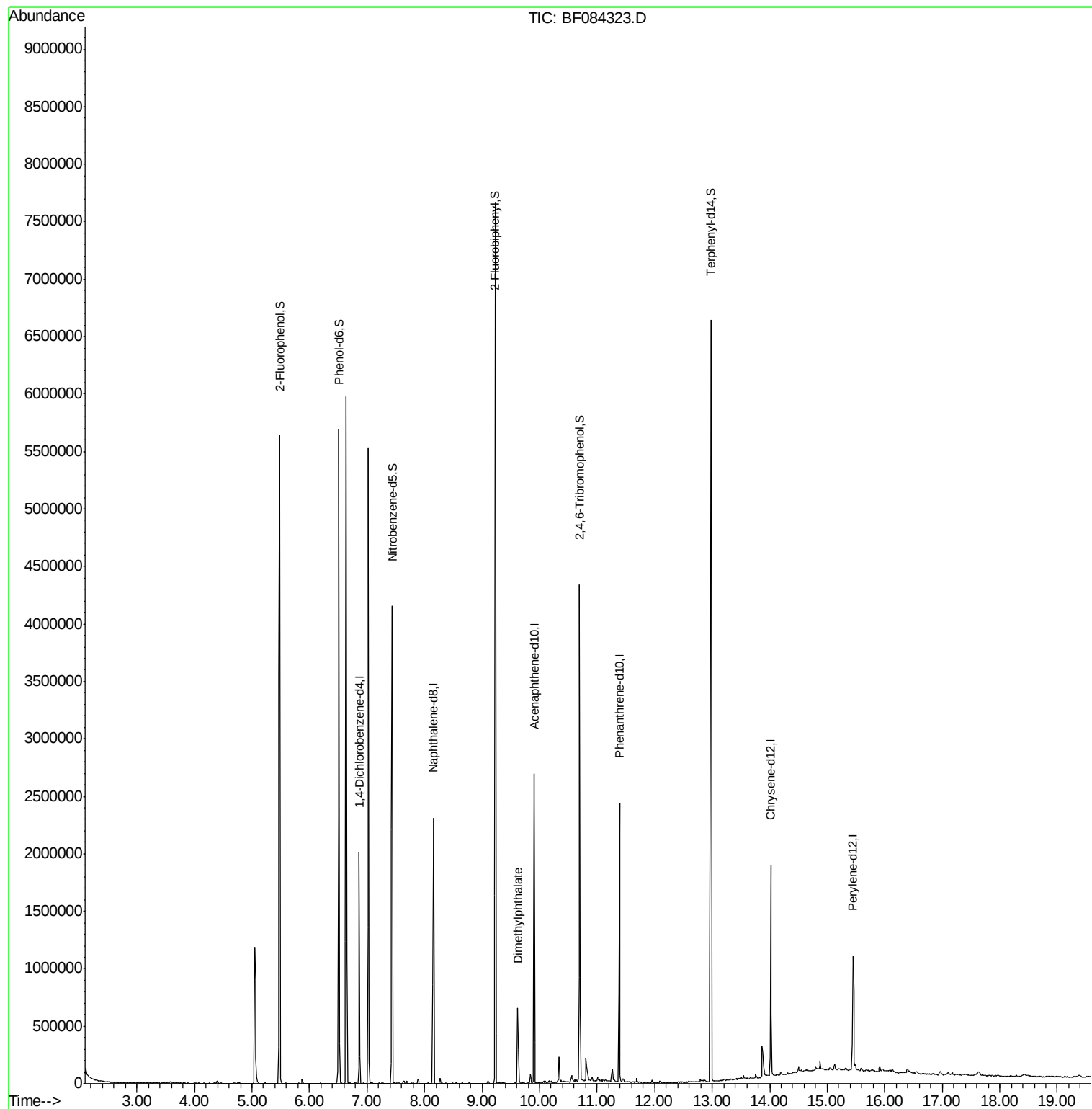
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	258280	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1087546	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	478413	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	884851	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	638323	20.00	ng	-0.05
86) Perylene-d12	15.45	264	511758	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1768139	110.73	ng	-0.01
7) Phenol-d6	6.51	99	1890447	94.26	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1493016	76.40	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	456867	94.59	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2050024	74.61	ng	-0.03
78) Terphenyl-d14	12.98	244	2059346	72.01	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.62	163	289055	8.45	ng	Qvalue # 89

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

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Quant Time: Jan 08 05:58:33 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: BF084323.D

Acq: 8 Jan 2016 2:57

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-001

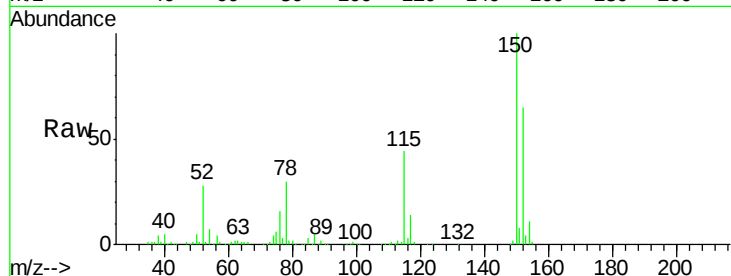
Tot Ion:152 Resp: 258280

Ion Ratio Lower Upper

152 100

150 154.1 123.0 184.4

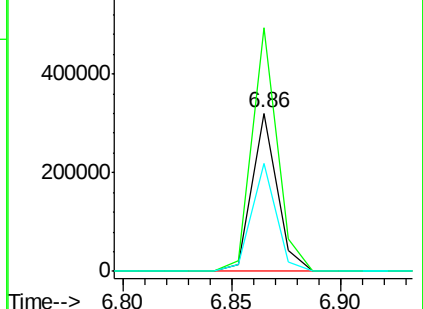
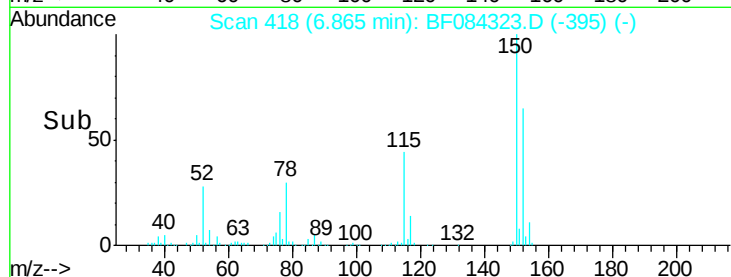
115 68.5 51.4 77.2



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: 110.73 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084323.D

Acq: 8 Jan 2016 2:57

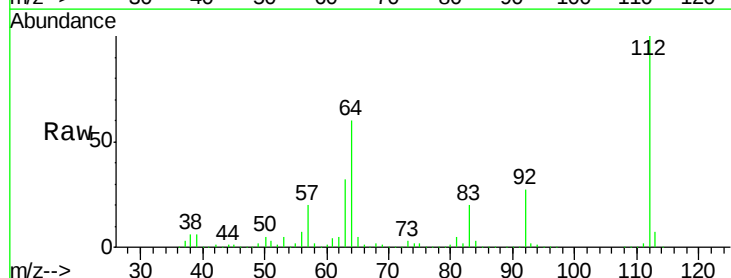
Tgt Ion:112 Resp: 1768139

Ion Ratio Lower Upper

112 100

64 60.3 36.6 55.0#

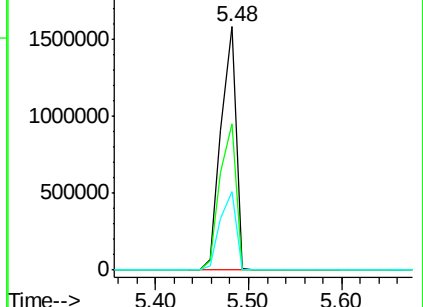
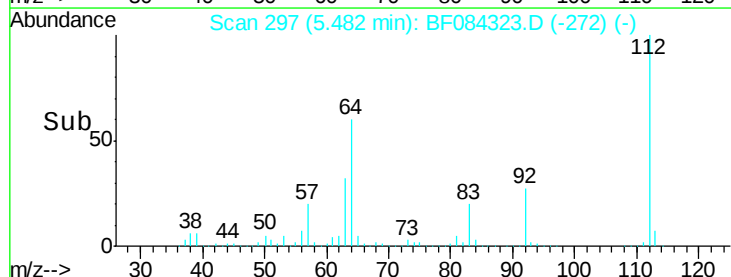
63 32.3 19.4 29.0#

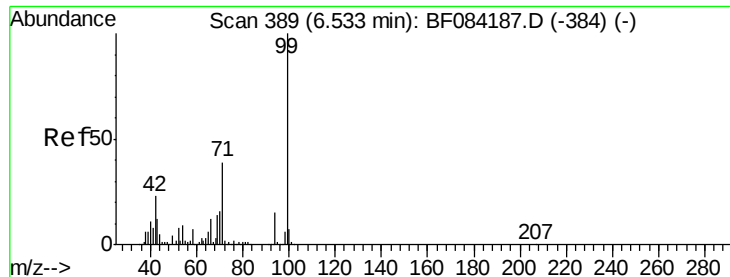


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.26 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084323.D

Acq: 8 Jan 2016 2:57

Instrument :

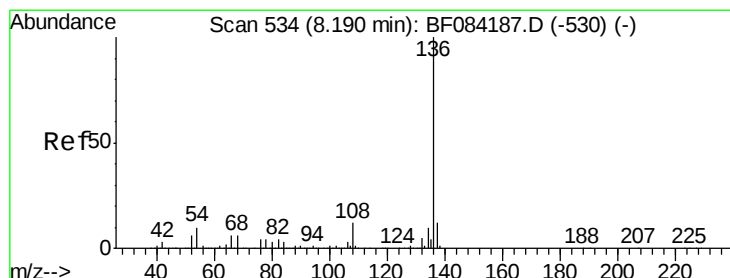
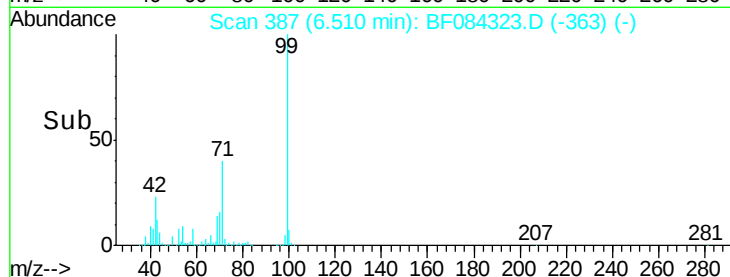
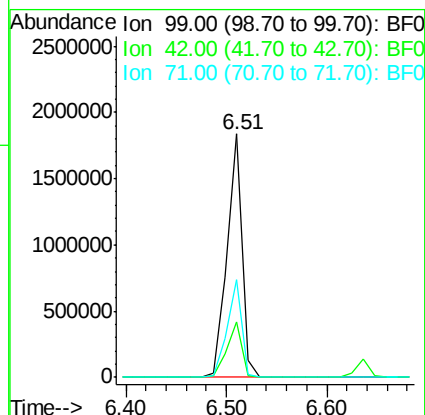
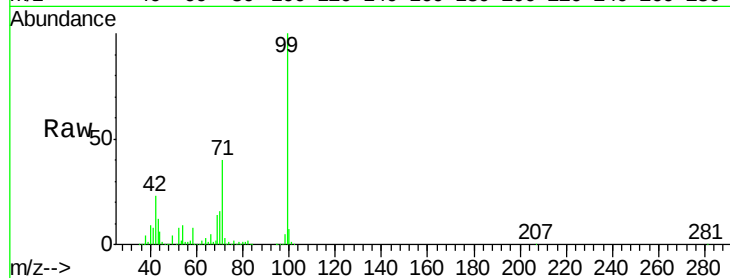
BNA_F

ClientSampleId :

TILCON-MH-SF-001

Tot Ion: 99 Resp: 1890447

Ion	Ratio	Lower	Upper
99	100		
42	22.9	12.8	19.2#
71	40.3	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

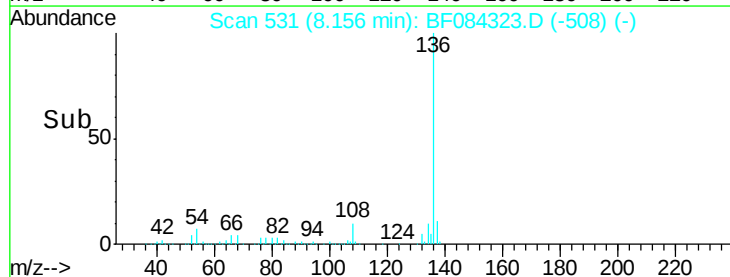
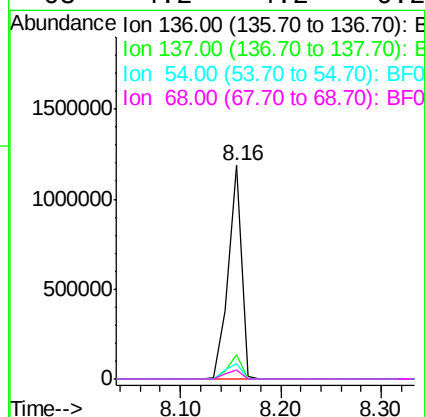
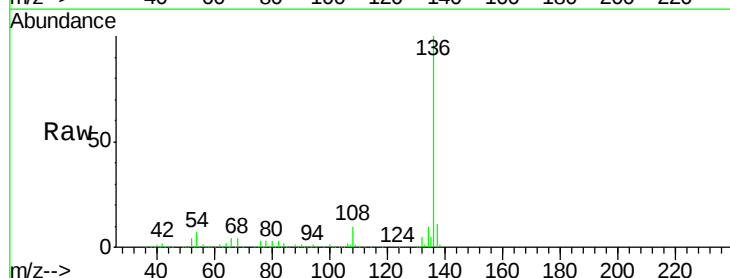
Delta R.T. -0.03 min

Lab File: BF084323.D

Acq: 8 Jan 2016 2:57

Tgt Ion: 136 Resp: 1087546

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.1	5.8	8.8
68	4.2	4.2	6.2

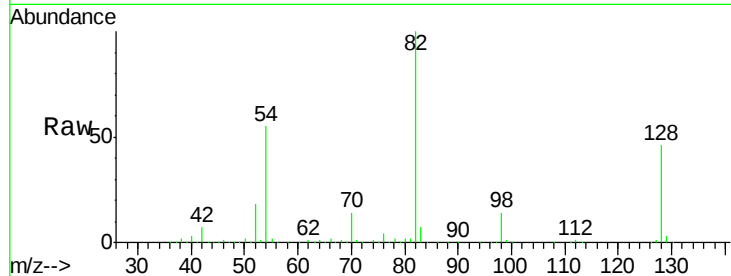




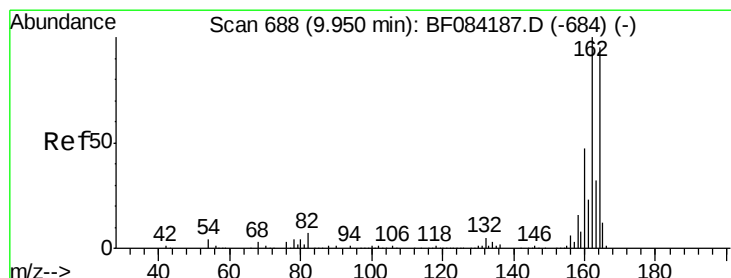
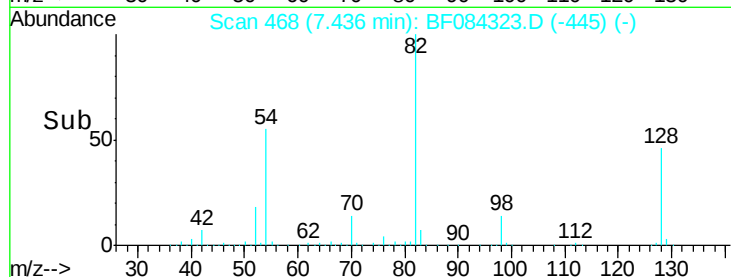
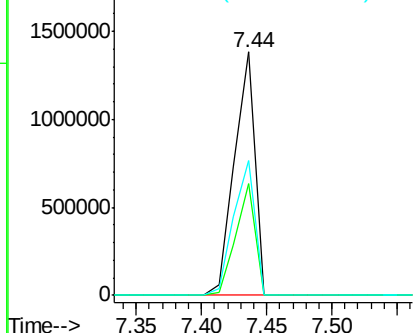
#23
 Nitrobenzene-d5
 Concen: 76.40 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084323.D
 Acq: 8 Jan 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-001

Tot Ion: 82 Resp: 1493016
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.6 51.8
 54 55.3 38.4 57.6

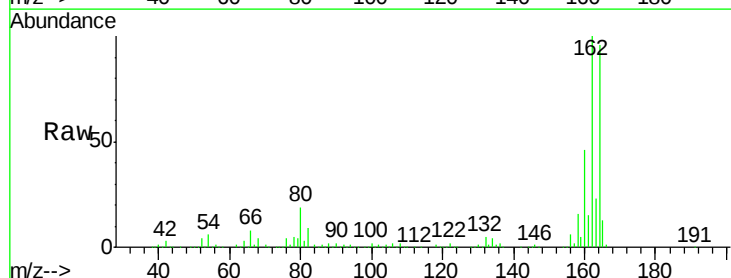


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

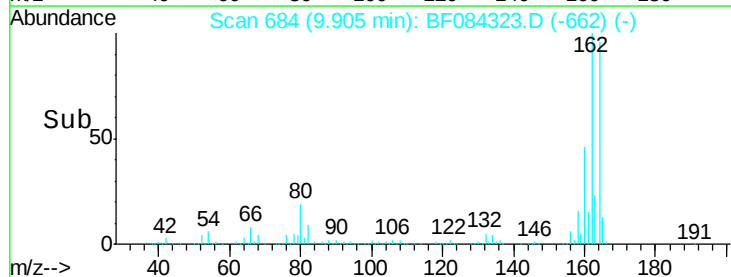
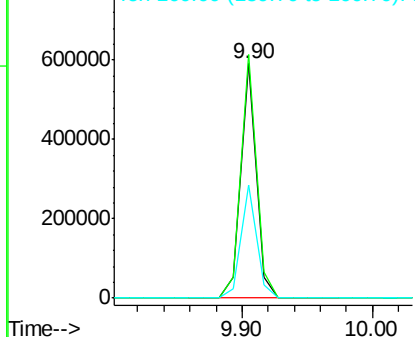


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084323.D
 Acq: 8 Jan 2016 2:57

Tgt Ion:164 Resp: 478413
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.1 127.7
 160 48.2 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

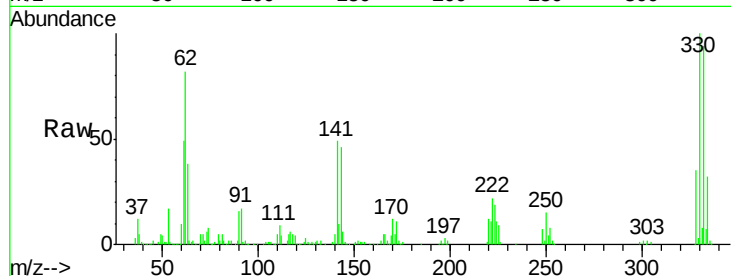




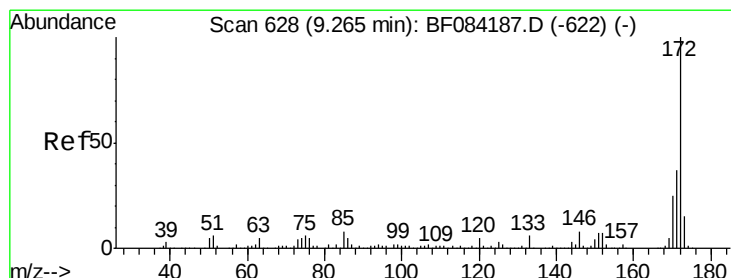
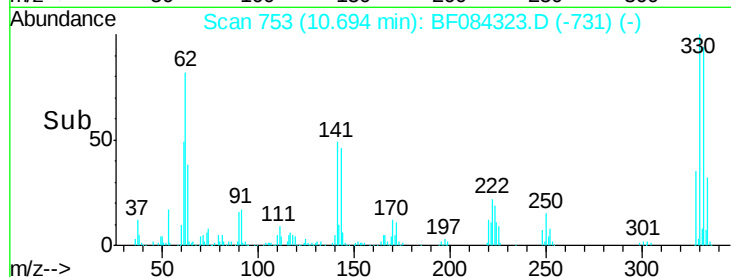
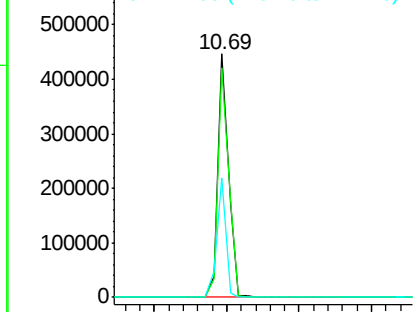
#41
 2,4,6-Tribromophenol
 Concen: 94.59 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084323.D
 Acq: 8 Jan 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-001

Tot Ion:330 Resp: 456867
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 42.0 27.8 41.6#

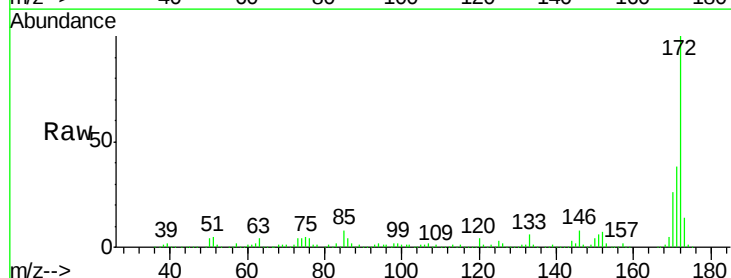


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

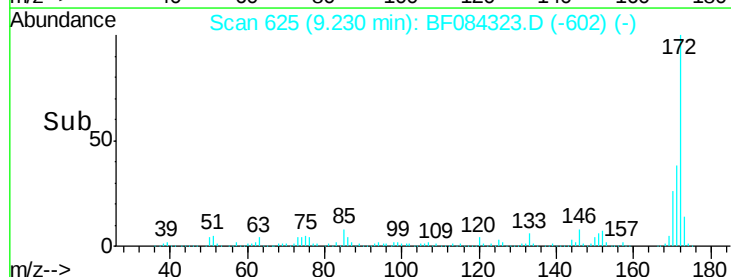
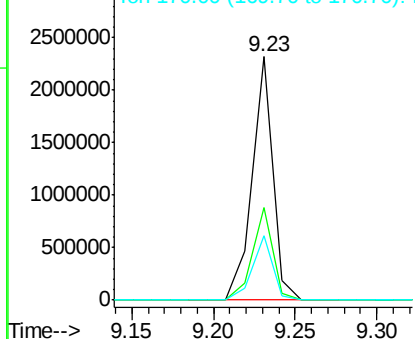


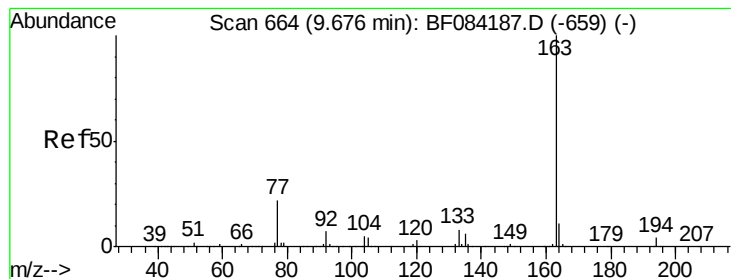
#44
 2-Fluorobiphenyl
 Concen: 74.61 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084323.D
 Acq: 8 Jan 2016 2:57

Tgt Ion:172 Resp: 2050024
 Ion Ratio Lower Upper
 172 100
 171 38.2 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: 8.45 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084323.D

Acq: 8 Jan 2016 2:57

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-001

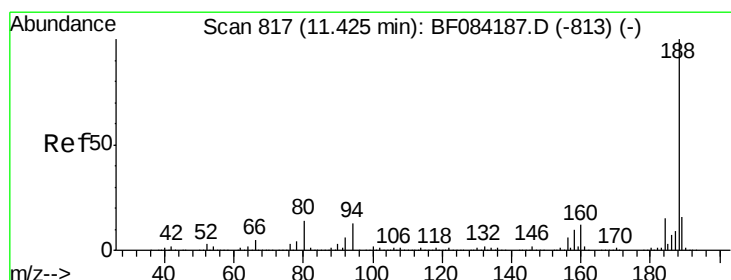
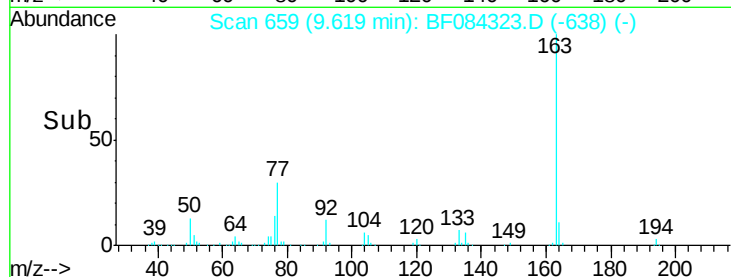
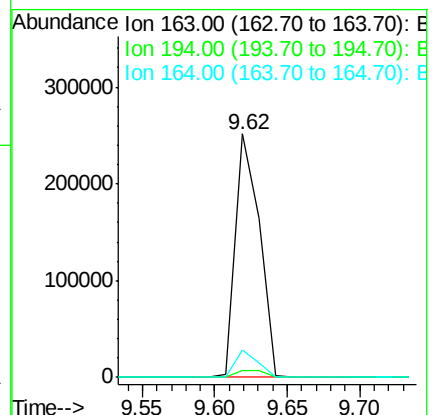
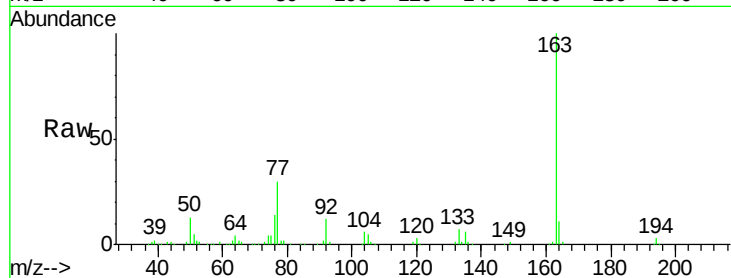
Tot Ion:163 Resp: 289055

Ion Ratio Lower Upper

163 100

194 2.6 8.0 12.0#

164 11.1 8.0 12.0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084323.D

Acq: 8 Jan 2016 2:57

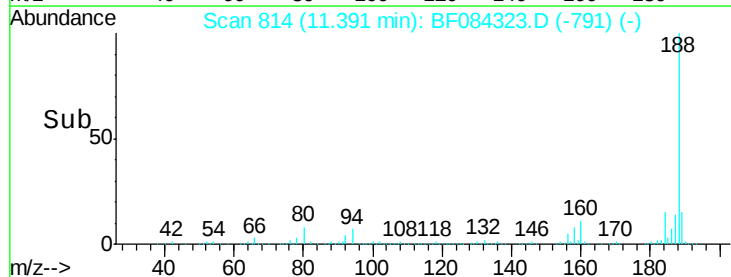
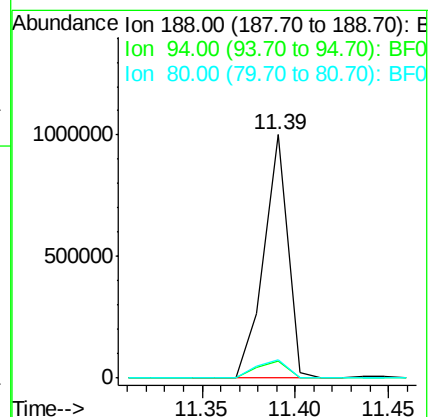
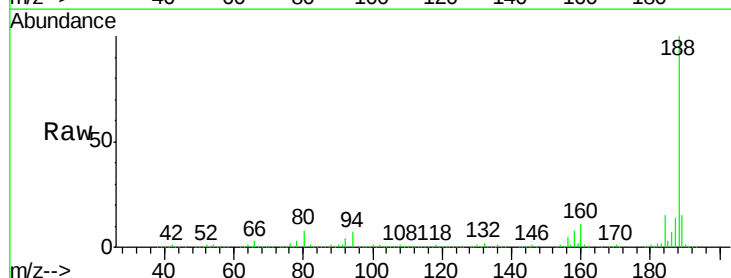
Tgt Ion:188 Resp: 884851

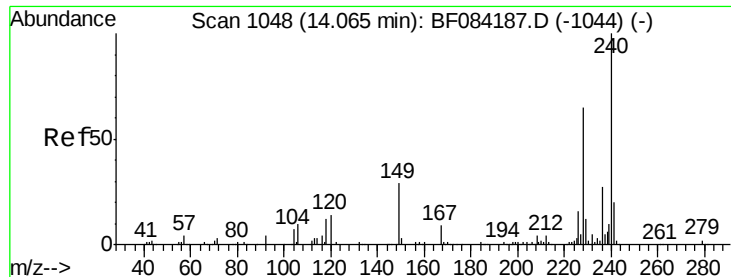
Ion Ratio Lower Upper

188 100

94 7.3 9.0 13.4#

80 7.7 9.6 14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084323.D

Acq: 8 Jan 2016 2:57

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-001

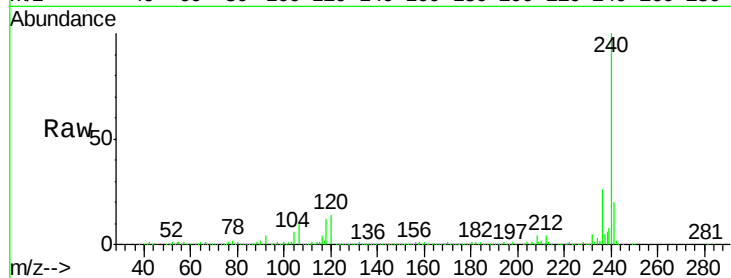
Tot Ion:240 Resp: 638323

Ion Ratio Lower Upper

240 100

120 13.7 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

14.02

800000

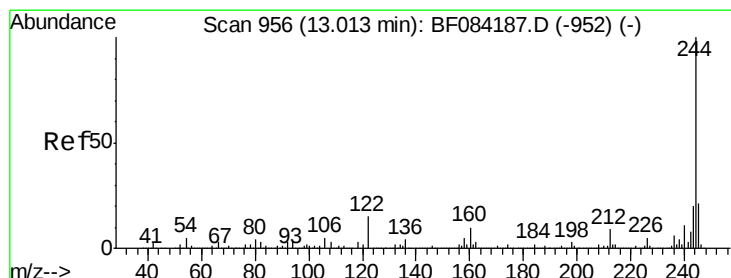
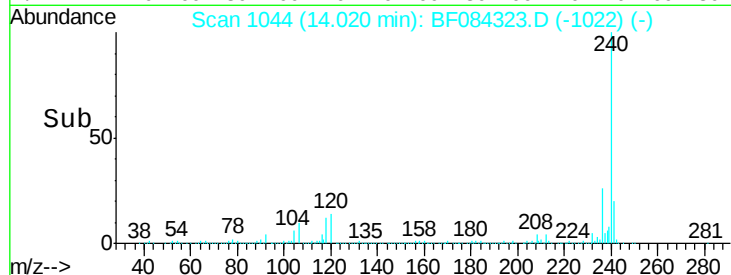
600000

400000

200000

0

Time--> 13.90 14.00 14.10 14.20



#78

Terphenyl-d14

Concen: 72.01 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084323.D

Acq: 8 Jan 2016 2:57

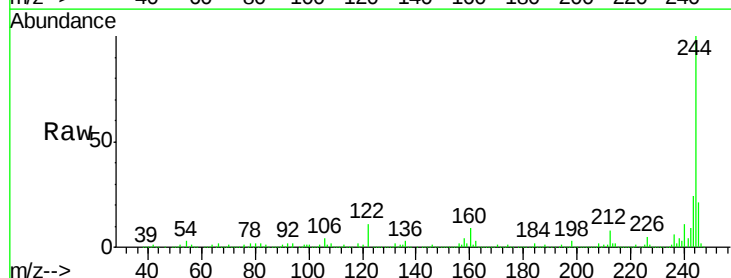
Tgt Ion:244 Resp: 2059346

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

122 11.5 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

12.98

2500000

2000000

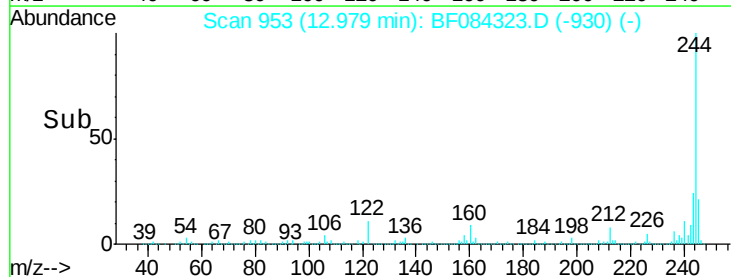
1500000

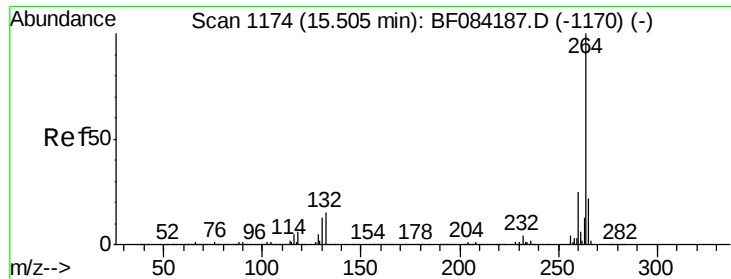
1000000

500000

0

Time--> 12.90 13.00 13.10





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084323.D
 Acq: 8 Jan 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-001

Tot Ion: 264 Resp: 511758
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.7 17.8 26.6

