

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084373.D
 Acq On : 11 Jan 2016 12:11
 Operator : SJ/UM
 Sample : H1043-06 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3N(0-10)

Quant Time: Jan 12 02:52:46 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

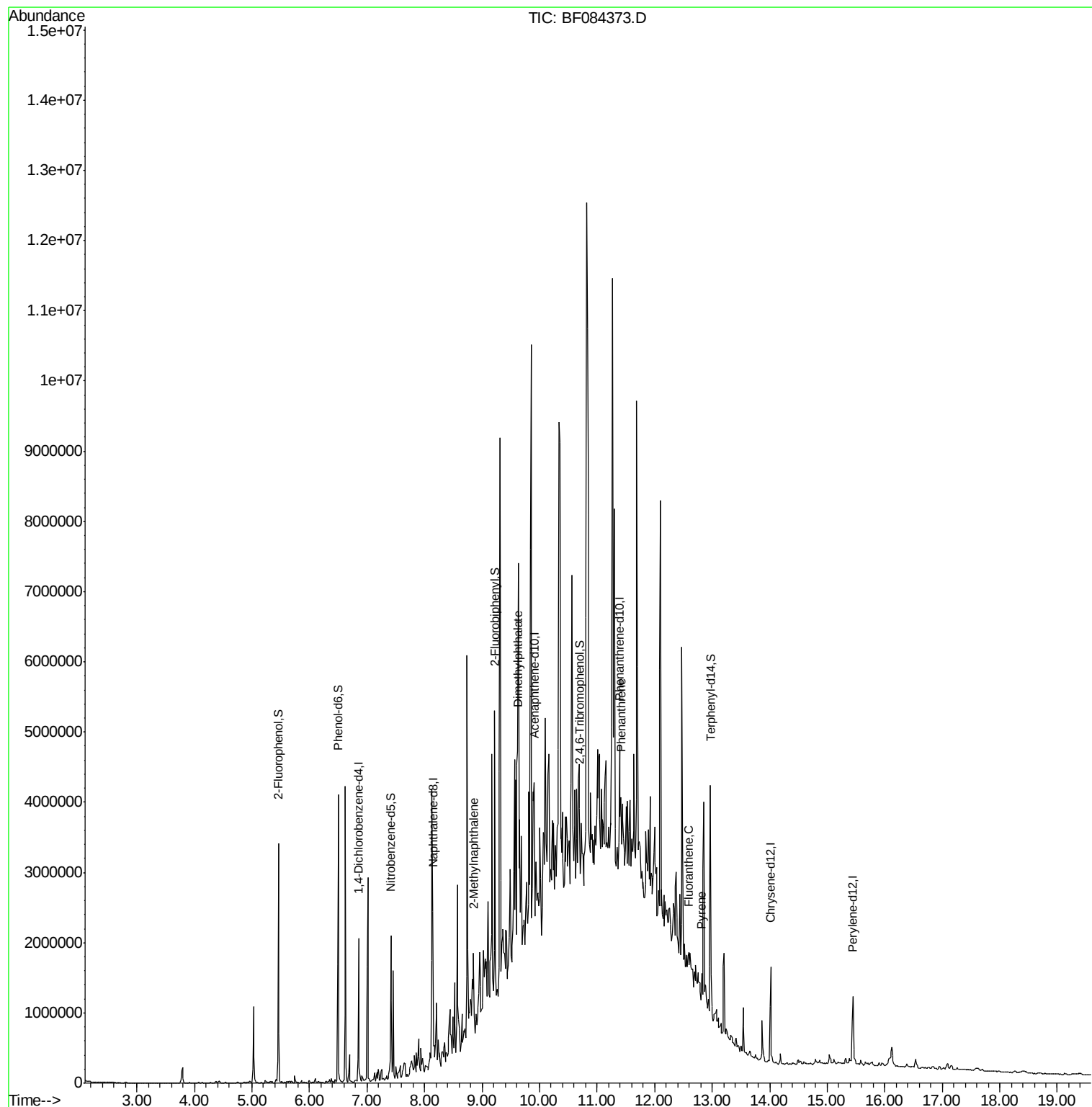
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	265302	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1028338	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	431519	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	726996	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	541420	20.00	ng	-0.05
86) Perylene-d12	15.45	264	483562	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	838427	51.12	ng	-0.03
7) Phenol-d6	6.50	99	1368811	66.45	ng	-0.03
23) Nitrobenzene-d5	7.41	82	769142	41.63	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	113111	25.96	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	1192801	45.70	ng	-0.05
78) Terphenyl-d14	12.97	244	911807	37.59	ng	-0.05
Target Compounds						
37) 2-Methylnaphthalene	8.85	142	332439	9.93	ng	Qvalue 96
49) Dimethylphthalate	9.62	163	255736	8.29	ng	# 95
70) Phenanthrene	11.41	178	373843	9.83	ng	# 94
74) Fluoranthene	12.59	202	113661	2.86	ng	93
77) Pyrene	12.82	202	137527	3.24	ng	96

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

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Quant Time: Jan 12 02:52:46 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: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

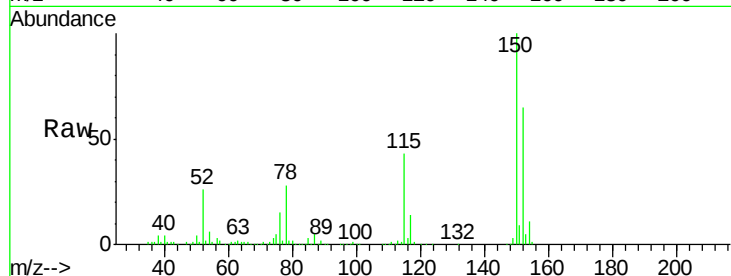
Tgt Ion:152 Resp: 265302

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

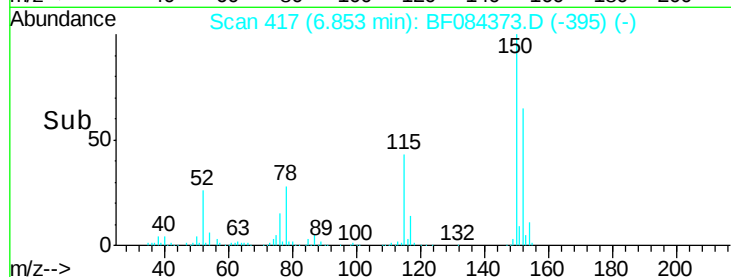
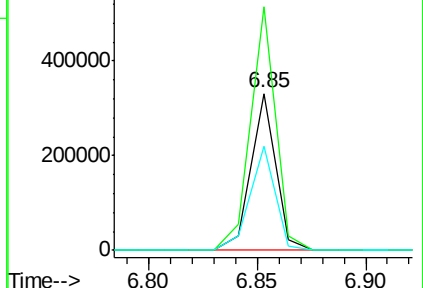
115 65.9 51.4 77.2



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: 51.12 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

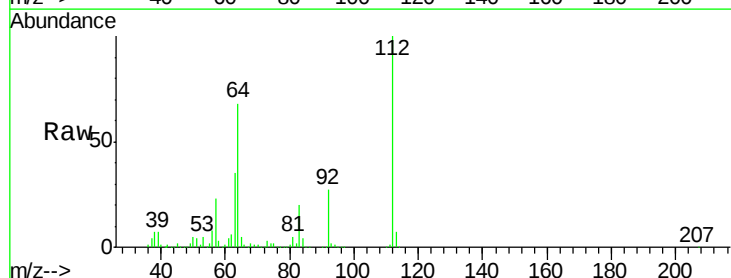
Tgt Ion:112 Resp: 838427

Ion Ratio Lower Upper

112 100

64 67.7 36.6 55.0#

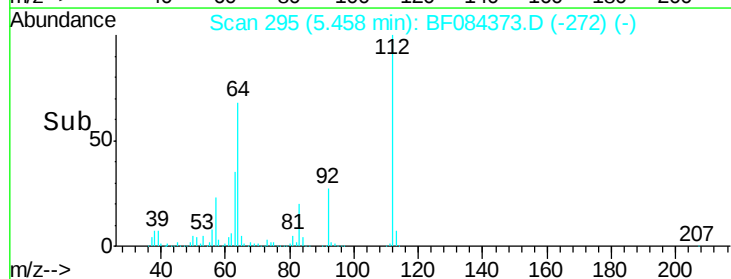
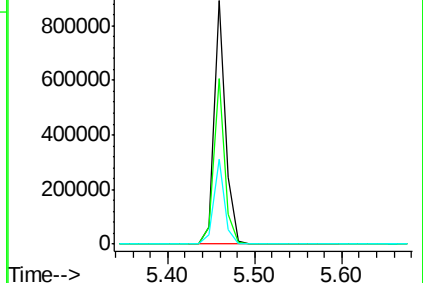
63 34.8 19.4 29.0#

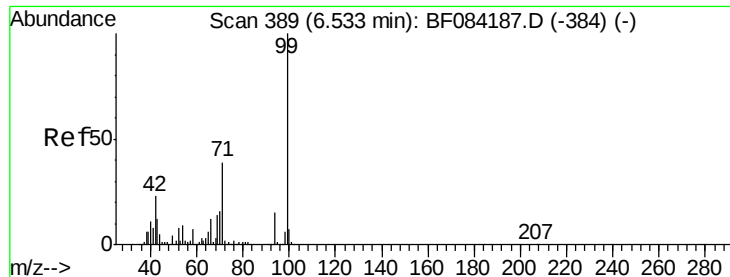


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 66.45 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

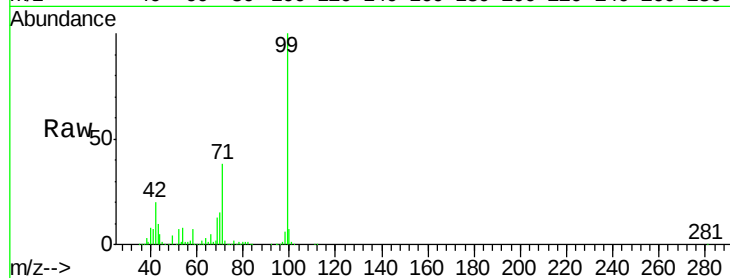
Tgt Ion: 99 Resp: 1368811

Ion Ratio Lower Upper

99 100

42 20.2 12.8 19.2#

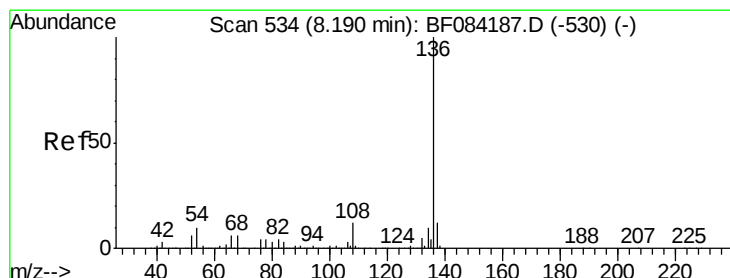
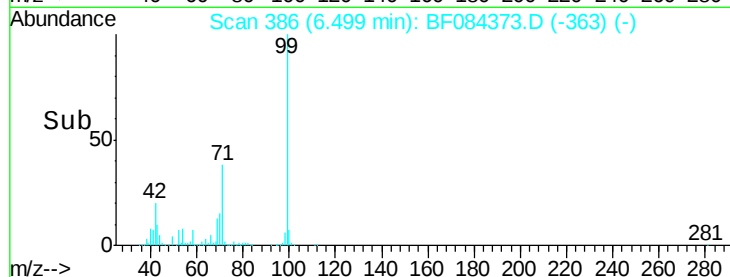
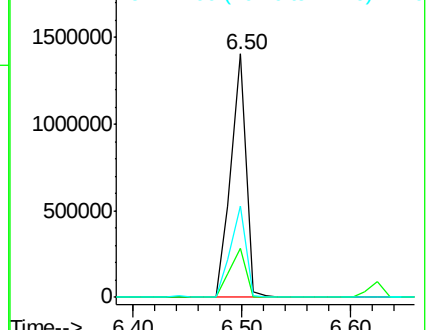
71 37.6 30.9 46.3



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: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

Tgt Ion: 136 Resp: 1028338

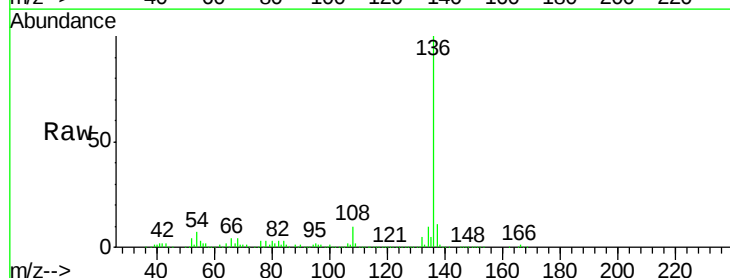
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.3 5.8 8.8

68 4.1 4.2 6.2#

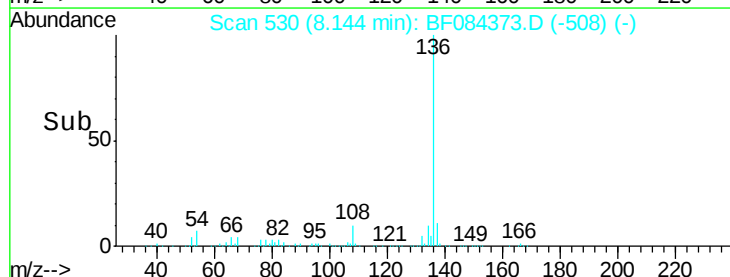
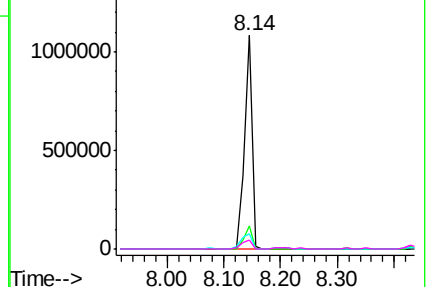


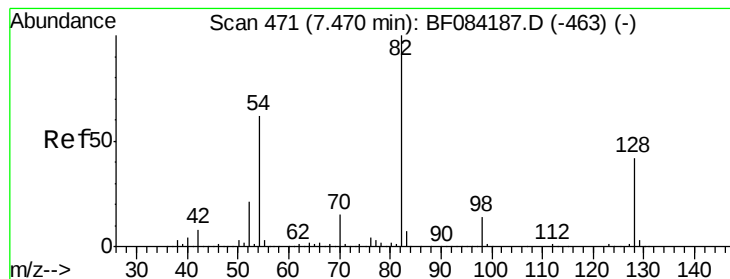
Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.63 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.06 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

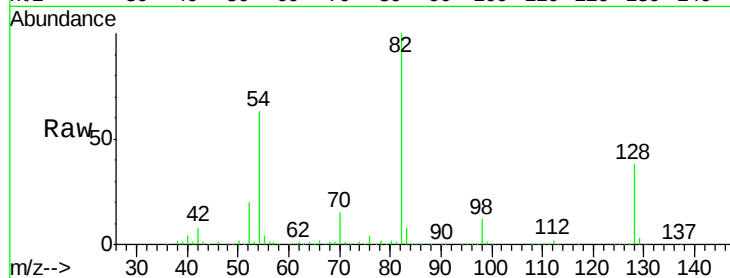
Tgt Ion: 82 Resp: 769142

Ion Ratio Lower Upper

82 100

128 38.0 34.6 51.8

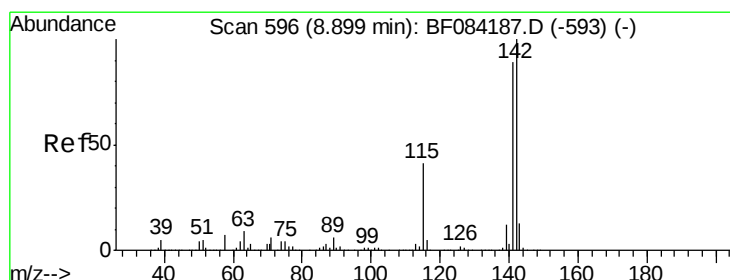
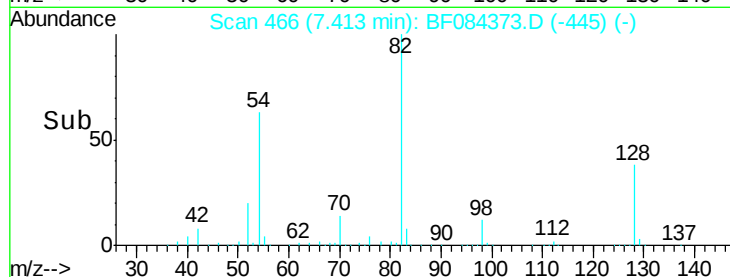
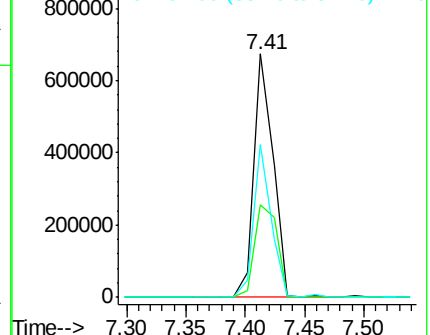
54 62.5 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#37

2-Methylnaphthalene

Concen: 9.93 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

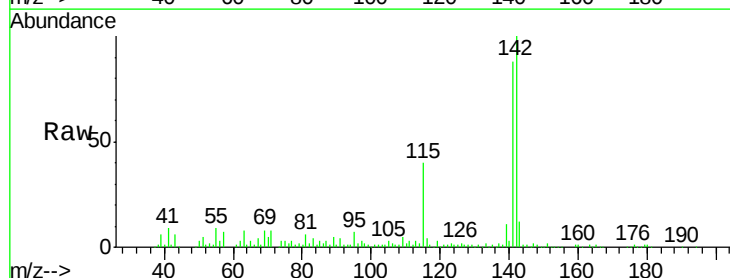
Tgt Ion: 142 Resp: 332439

Ion Ratio Lower Upper

142 100

141 87.7 72.4 108.6

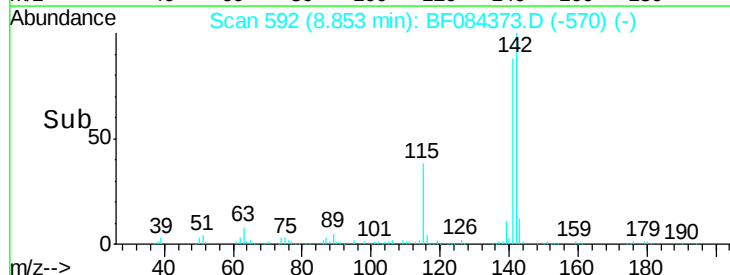
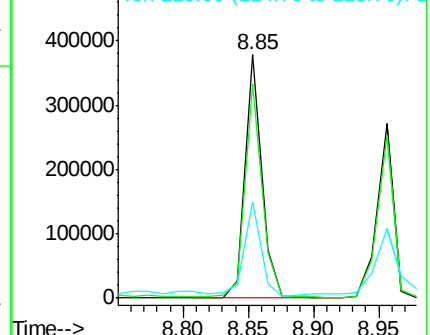
115 39.8 27.9 41.9

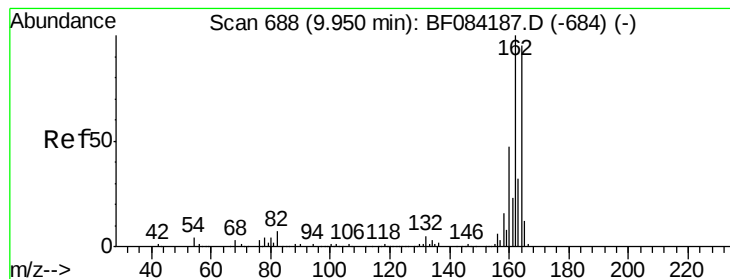


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

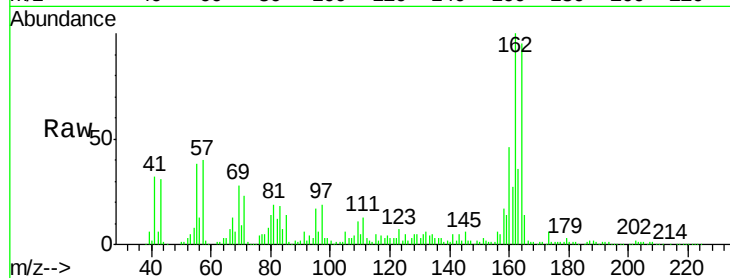
Tgt Ion:164 Resp: 431519

Ion Ratio Lower Upper

164 100

162 105.7 85.1 127.7

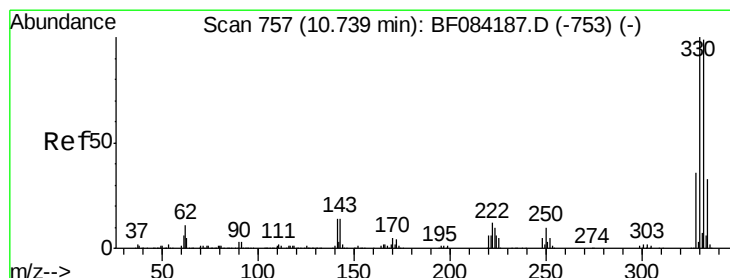
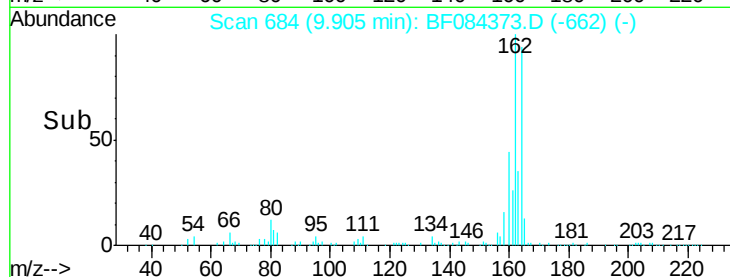
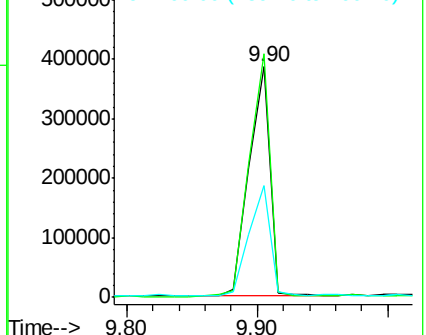
160 48.7 37.5 56.3



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: 25.96 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

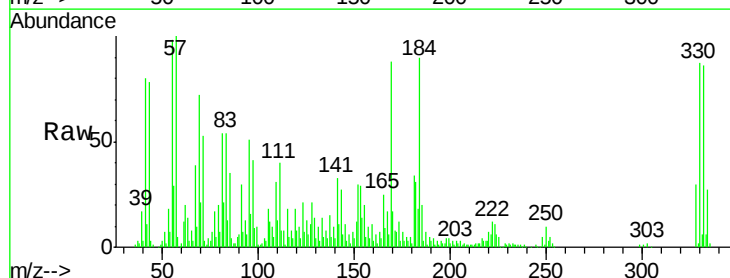
Tgt Ion:330 Resp: 113111

Ion Ratio Lower Upper

330 100

332 97.7 76.6 114.8

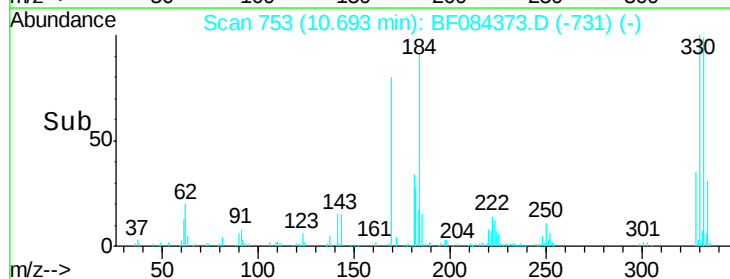
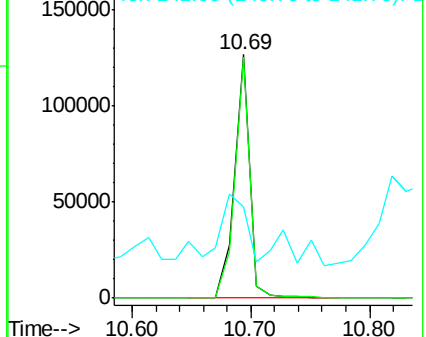
141 49.7 27.8 41.6#

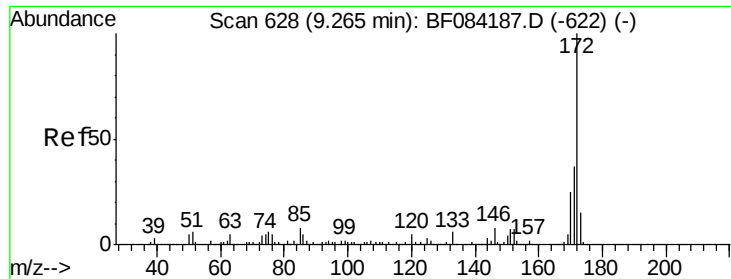


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 45.70 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

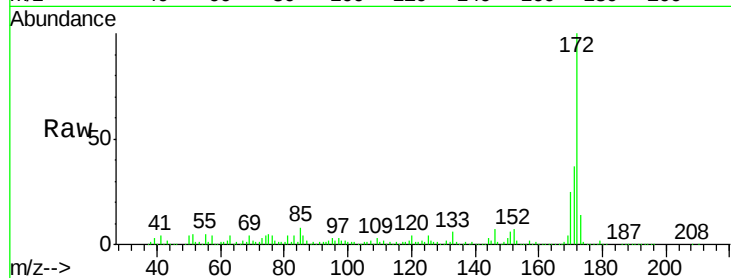
Tgt Ion:172 Resp: 1192801

Ion Ratio Lower Upper

172 100

171 36.5 28.9 43.3

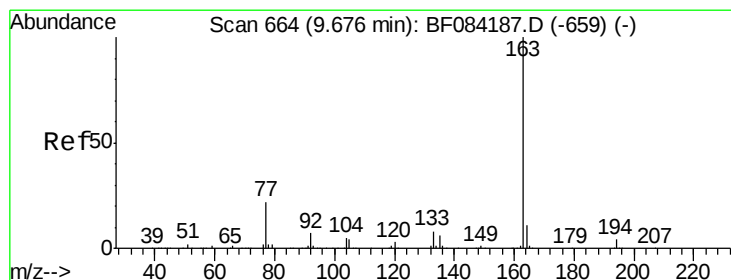
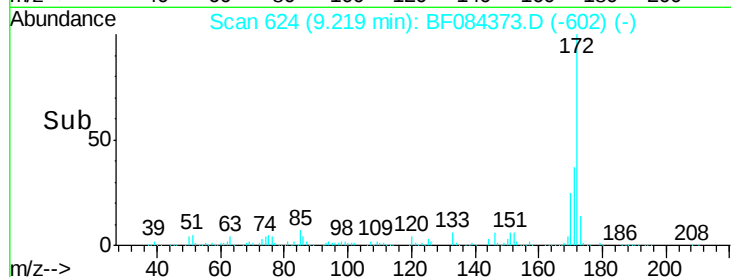
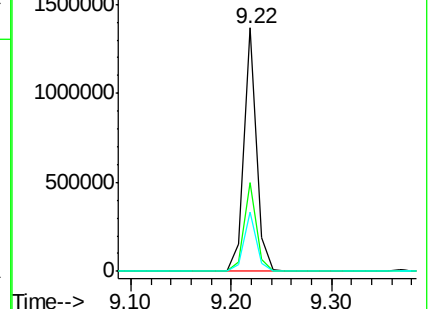
170 24.6 18.6 27.8



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: 8.29 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

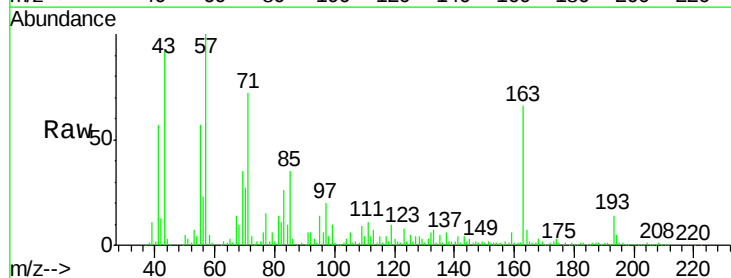
Tgt Ion:163 Resp: 255736

Ion Ratio Lower Upper

163 100

194 7.1 8.0 12.0#

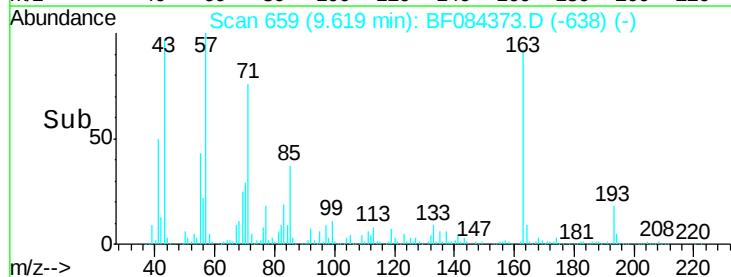
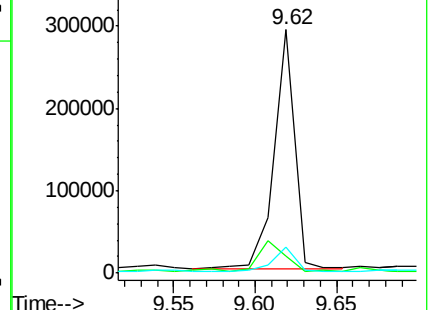
164 10.6 8.0 12.0

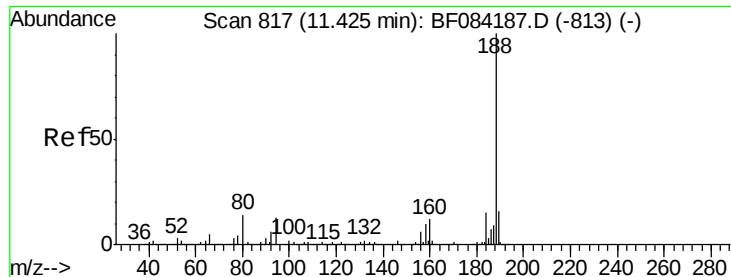


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

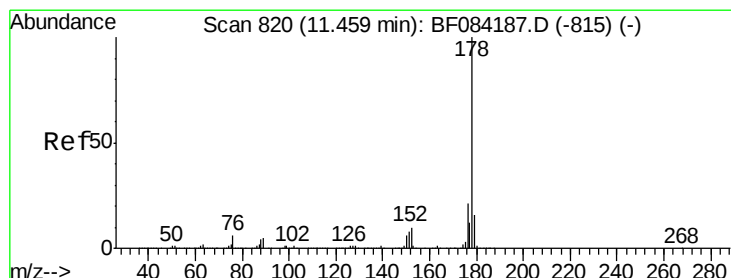
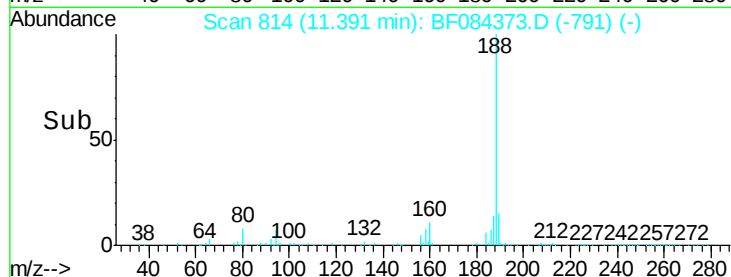
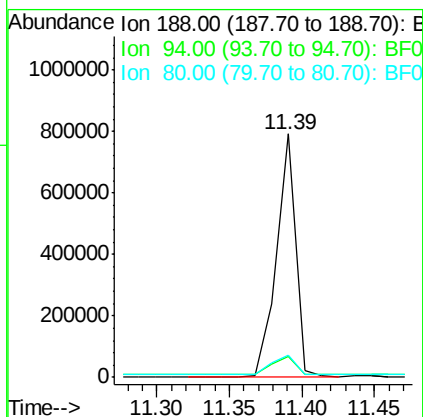
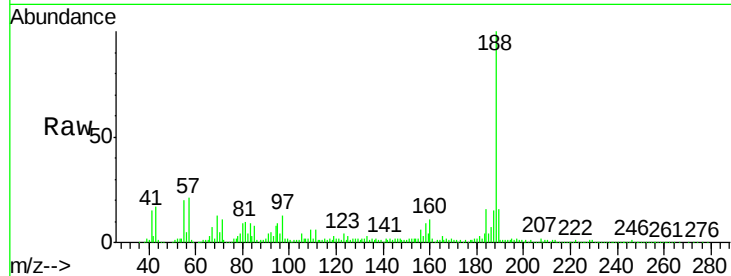




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084373.D
Acq: 11 Jan 2016 12:11

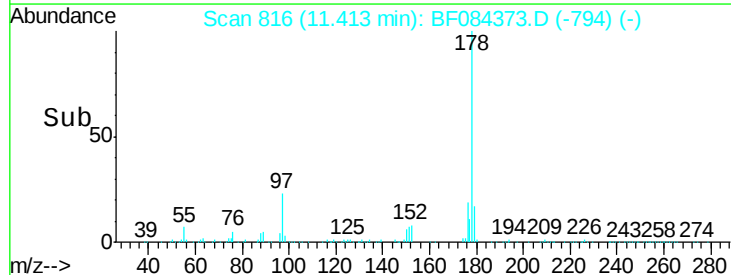
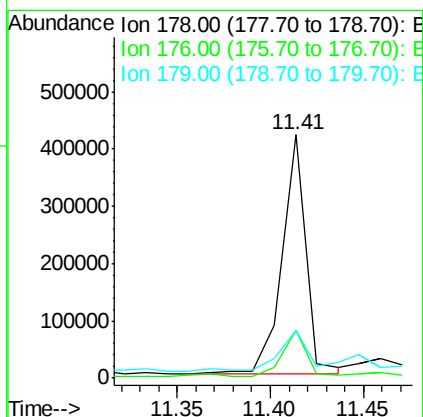
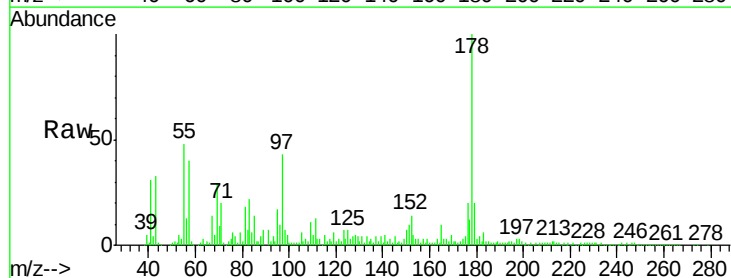
Instrument :
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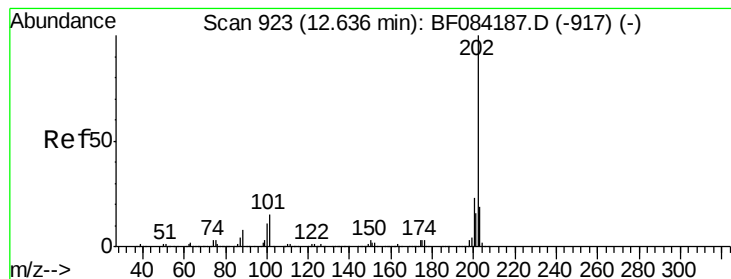
Tgt Ion:188 Resp: 726996
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 8.9 9.6 14.4#



#70
Phenanthrene
Concen: 9.83 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF084373.D
Acq: 11 Jan 2016 12:11

Tgt Ion:178 Resp: 373843
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 19.5 12.0 18.0#





#74

Fluoranthene

Concen: 2.86 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

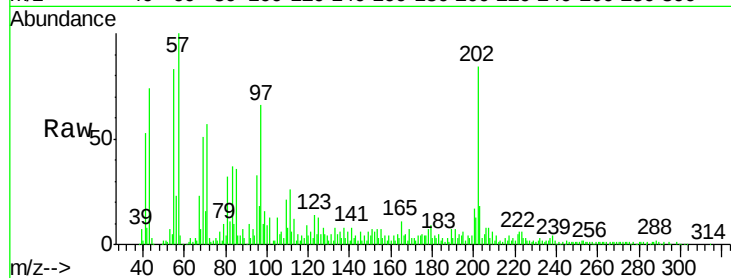
Tgt Ion:202 Resp: 113661

Ion Ratio Lower Upper

202 100

101 15.2 0.0 32.8

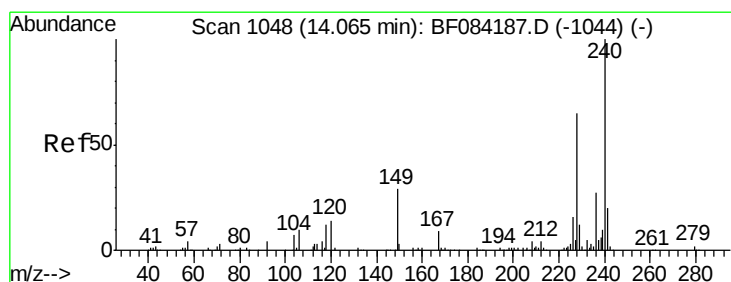
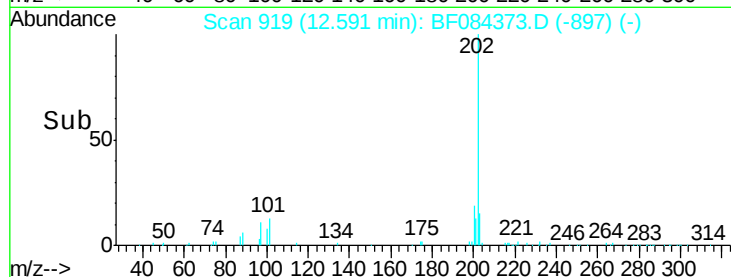
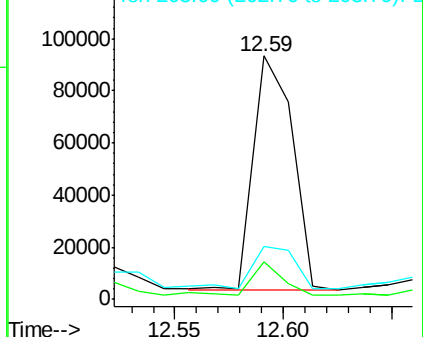
203 21.6 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

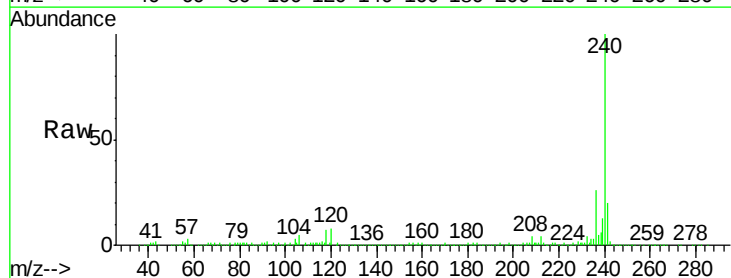
Tgt Ion:240 Resp: 541420

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

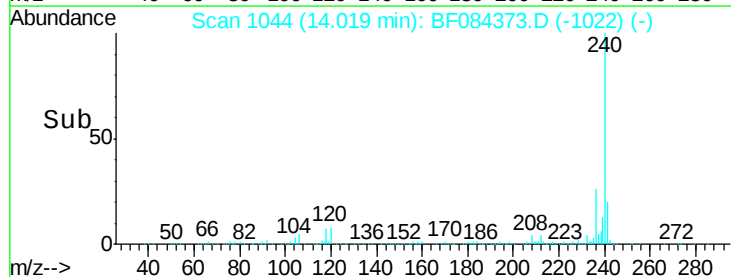
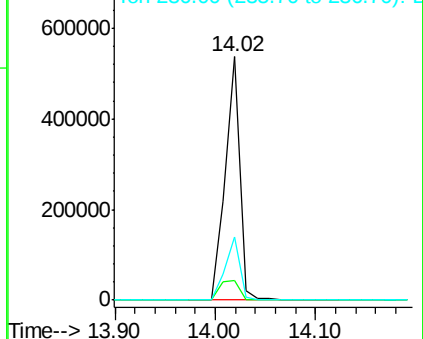
236 25.8 20.6 31.0

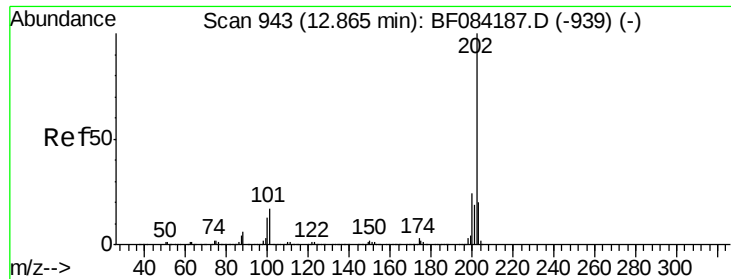


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.24 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

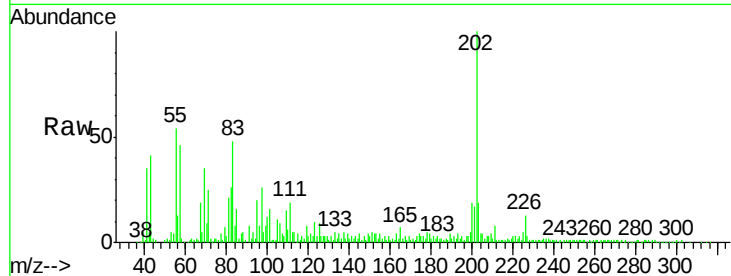
Tgt Ion:202 Resp: 137527

Ion Ratio Lower Upper

202 100

200 19.2 17.2 25.8

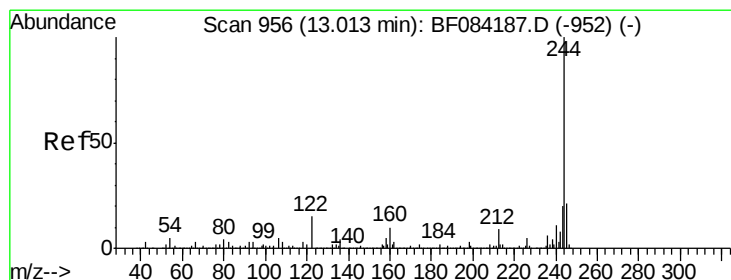
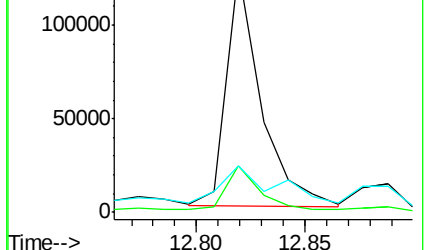
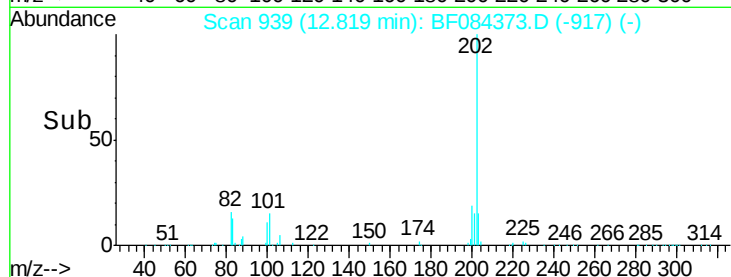
203 19.2 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 37.59 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

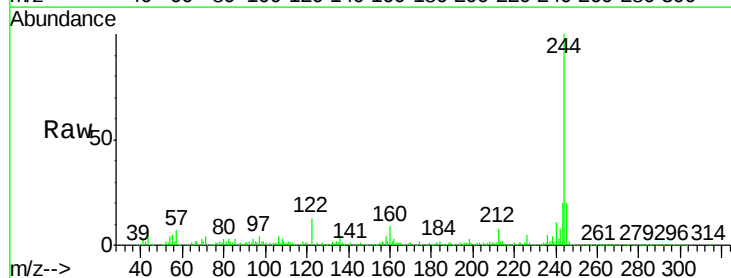
Tgt Ion:244 Resp: 911807

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

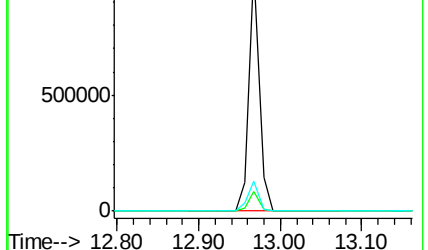
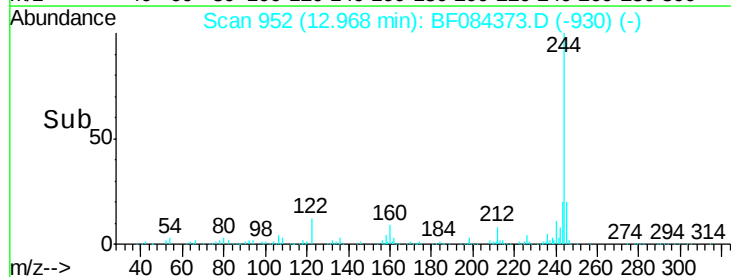
122 12.5 7.4 11.0#

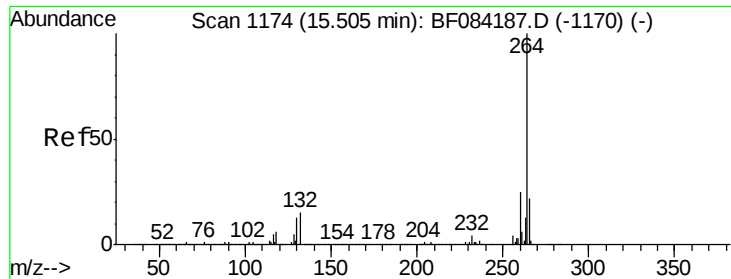


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084373.D
Acq: 11 Jan 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-3N(0-10)

Tgt Ion: 264 Resp: 483562
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.2
265 21.5 17.8 26.6

