

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084376.D
 Acq On : 11 Jan 2016 13:34
 Operator : SJ/UM
 Sample : H1043-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5N(0-10)

Quant Time: Jan 12 03:20:07 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

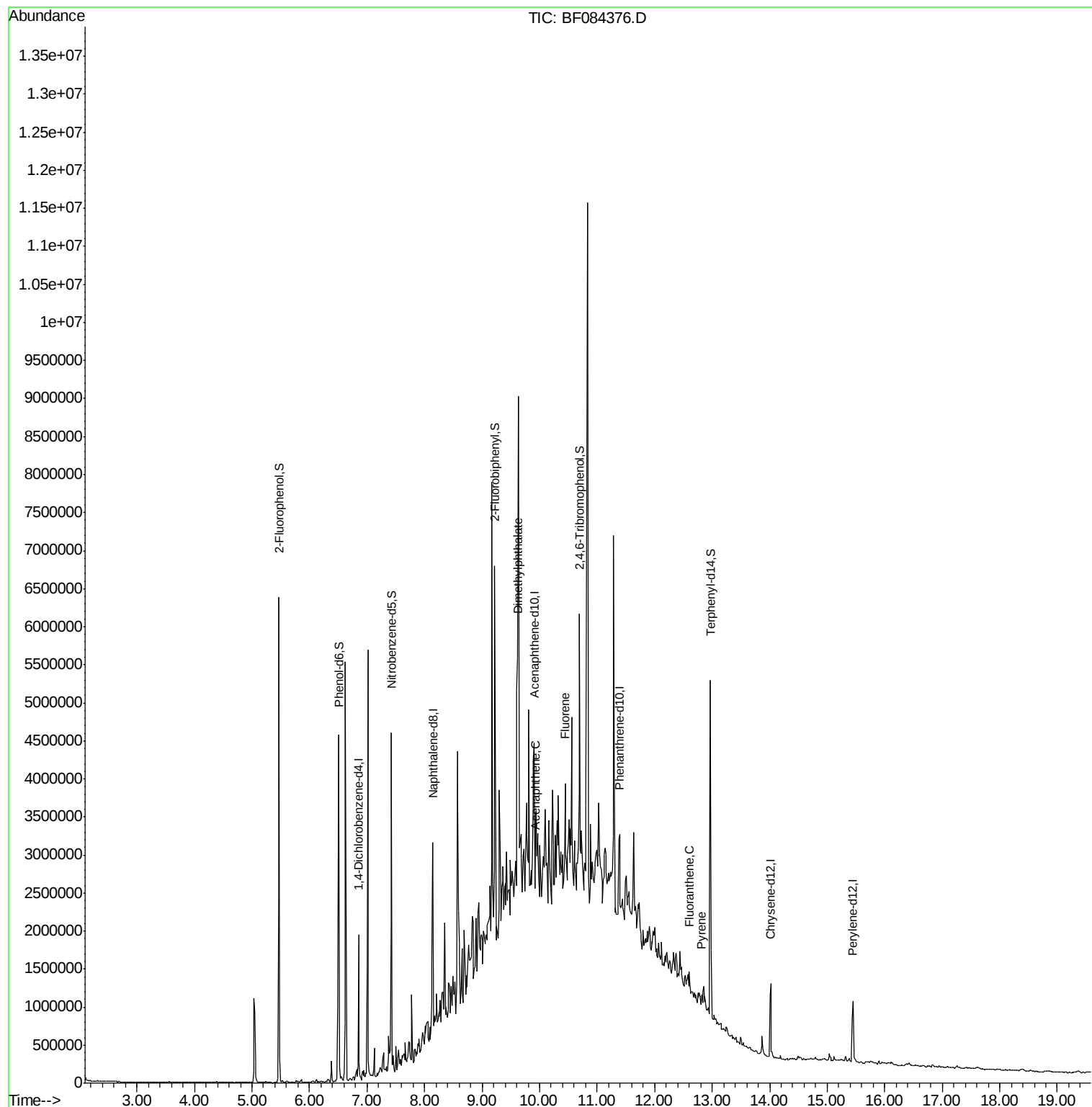
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	239151	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	919473	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	379331	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	602089	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	462398	20.00	ng	-0.05
86) Perylene-d12	15.45	264	418876	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1659255	112.22	ng	-0.02
7) Phenol-d6	6.51	99	2320164	124.95	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1510860	91.45	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	417157	108.93	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	1816735	84.19	ng	-0.05
78) Terphenyl-d14	12.97	244	1372586	66.26	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.62	163	606905	22.38	ng	# 92
51) Acenaphthene	9.93	154	55153	2.35	ng	# 88
57) Fluorene	10.44	166	109986	2.43	ng	# 71
74) Fluoranthene	12.60	202	72334	2.20	ng	96
77) Pyrene	12.82	202	88981m	2.45	ng	

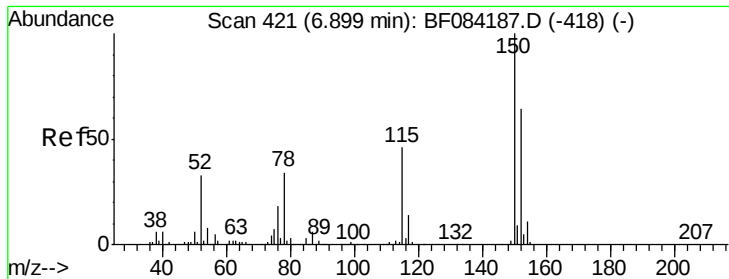
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 12 03:20:07 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



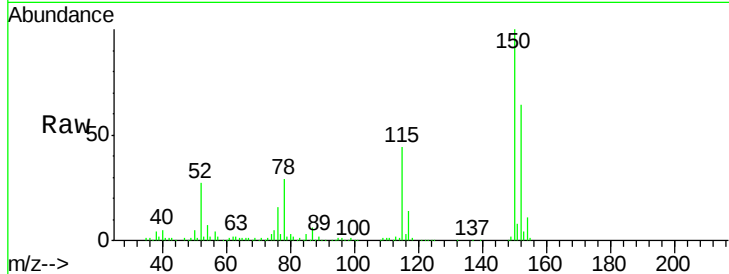


#1

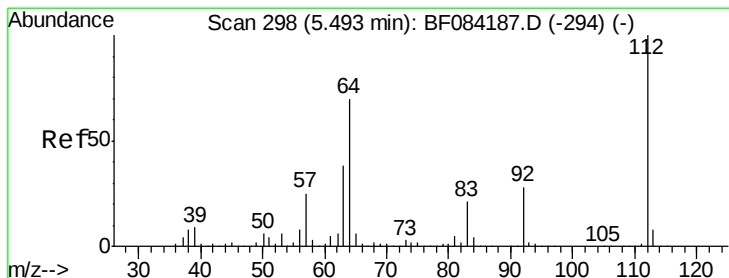
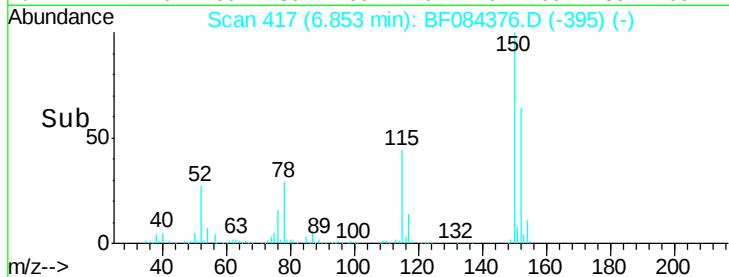
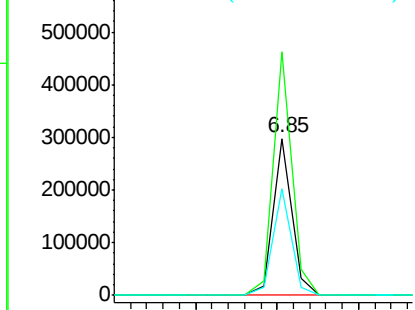
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084376.D
Acq: 11 Jan 2016 13:34

Instrument :
BNA_F
ClientSampleId :
SB-5N(0-10)

Tgt Ion:152 Resp: 239151
Ion Ratio Lower Upper
152 100
150 155.1 123.0 184.4
115 67.7 51.4 77.2



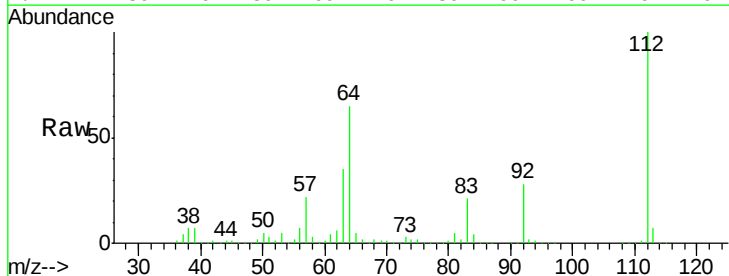
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



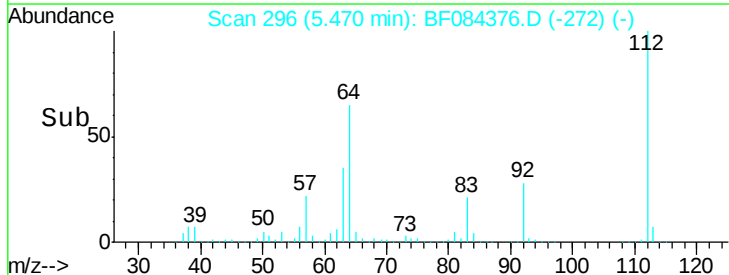
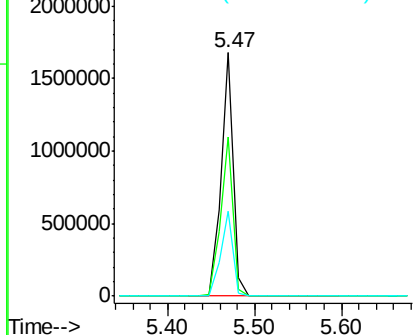
#5

2-Fluorophenol
Concen: 112.22 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084376.D
Acq: 11 Jan 2016 13:34

Tgt Ion:112 Resp: 1659255
Ion Ratio Lower Upper
112 100
64 65.4 36.6 55.0#
63 34.9 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: 124.95 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084376.D

Acq: 11 Jan 2016 13:34

Instrument :

BNA_F

ClientSampleId :

SB-5N(0-10)

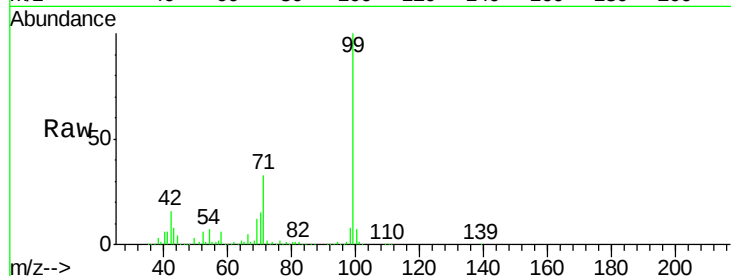
Tgt Ion: 99 Resp: 2320164

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

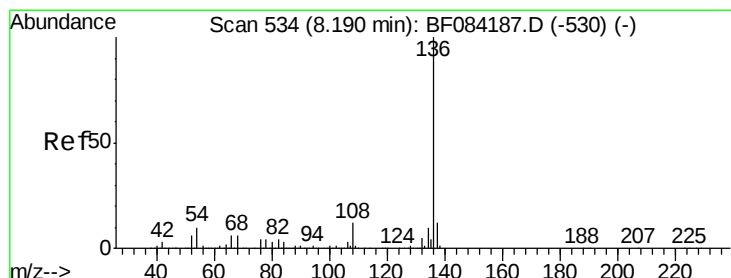
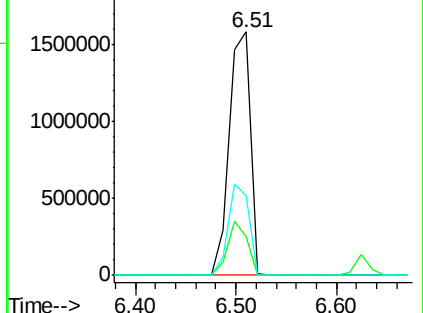
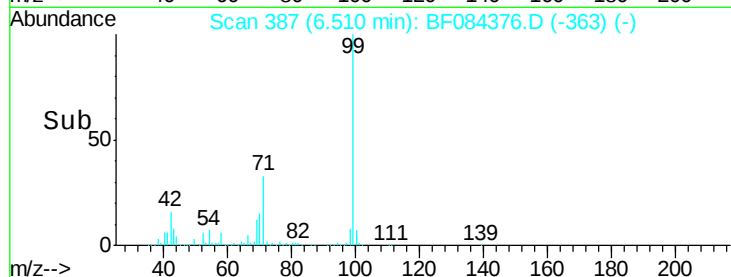
71 33.0 30.9 46.3



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: BF084376.D

Acq: 11 Jan 2016 13:34

Tgt Ion: 136 Resp: 919473

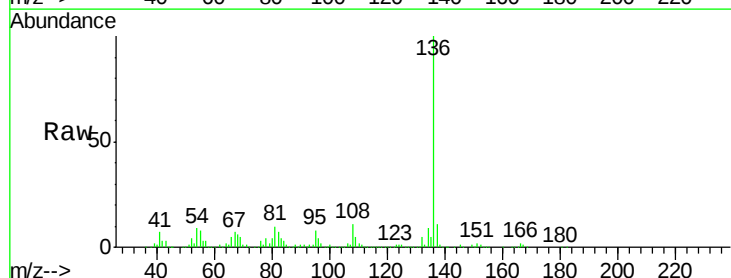
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.0 5.8 8.8#

68 5.8 4.2 6.2

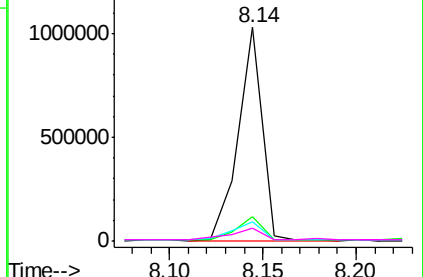
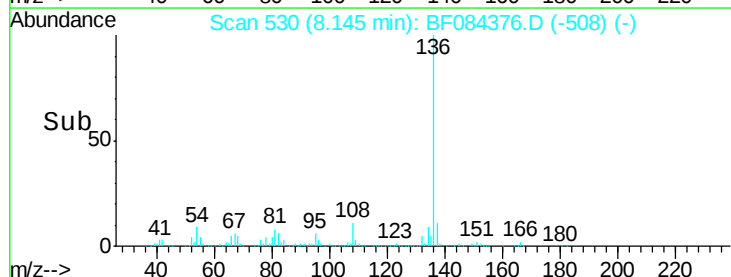


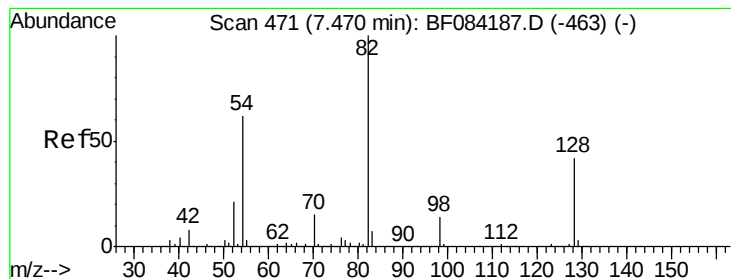
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.45 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084376.D

Acq: 11 Jan 2016 13:34

Instrument :

BNA_F

ClientSampleId :

SB-5N(0-10)

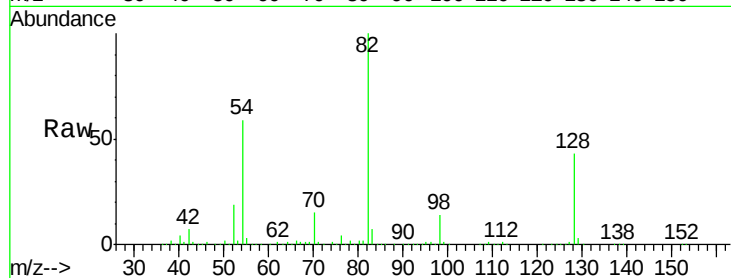
Tgt Ion: 82 Resp: 1510860

Ion Ratio Lower Upper

82 100

128 43.4 34.6 51.8

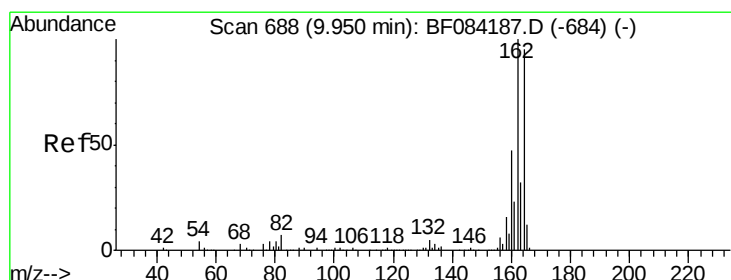
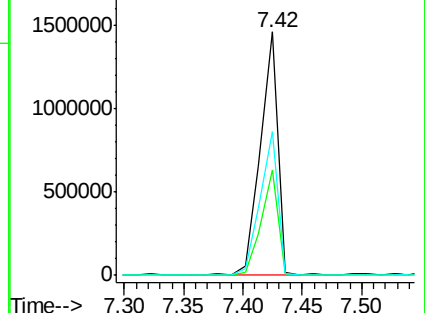
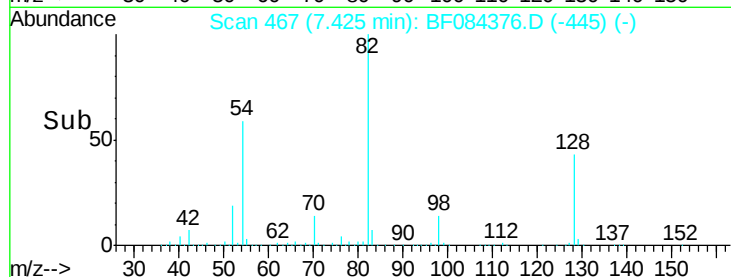
54 58.9 38.4 57.6#



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: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084376.D

Acq: 11 Jan 2016 13:34

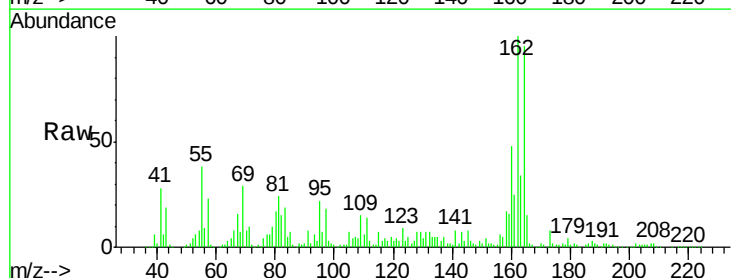
Tgt Ion:164 Resp: 379331

Ion Ratio Lower Upper

164 100

162 105.1 85.1 127.7

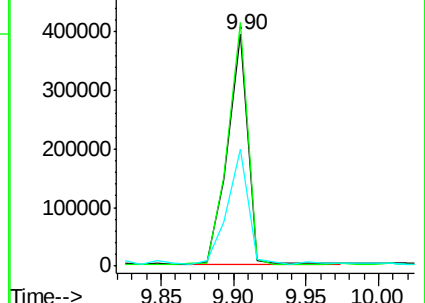
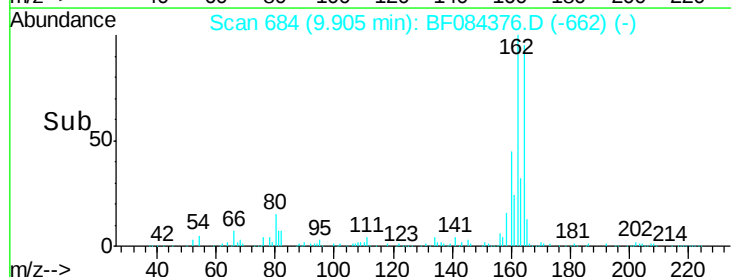
160 50.6 37.5 56.3

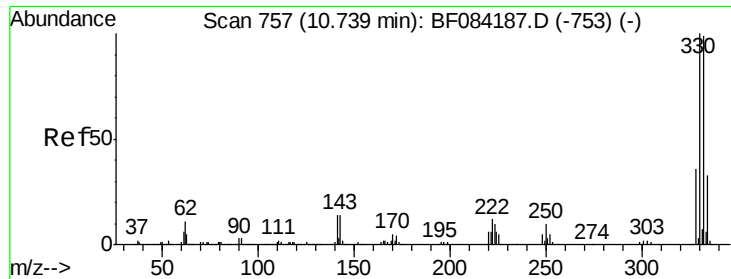


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

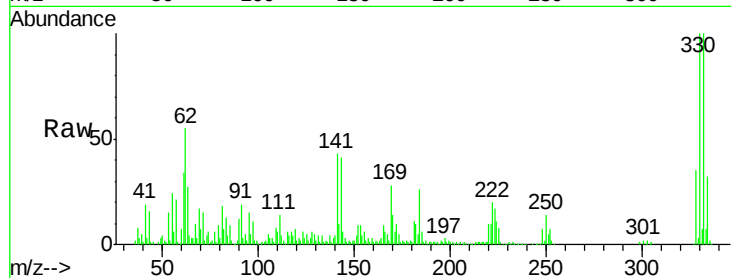




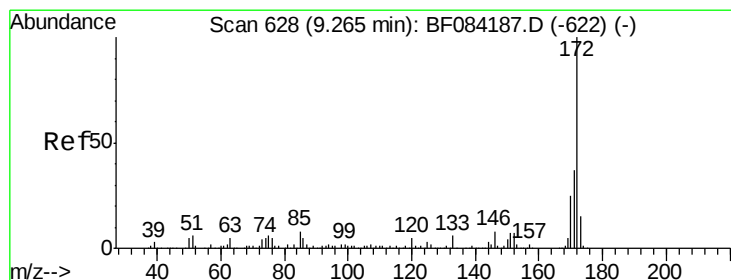
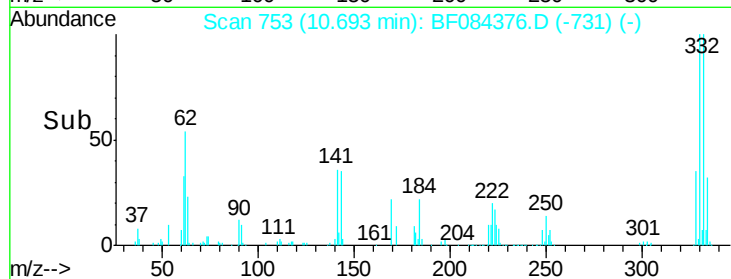
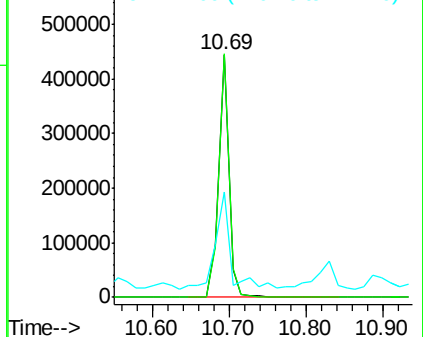
#41
 2,4,6-Tribromophenol
 Concen: 108.93 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084376.D
 Acq: 11 Jan 2016 13:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-5N(0-10)

Tgt Ion:330 Resp: 417157
 Ion Ratio Lower Upper
 330 100
 332 99.1 76.6 114.8
 141 50.0 27.8 41.6#

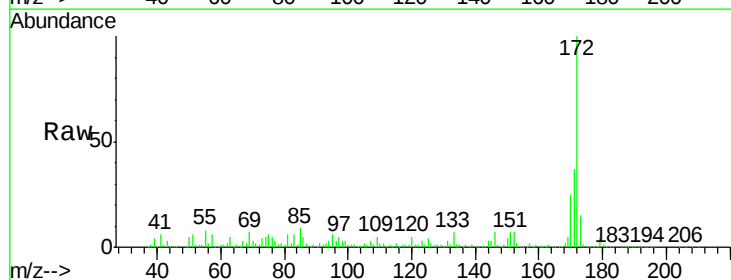


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

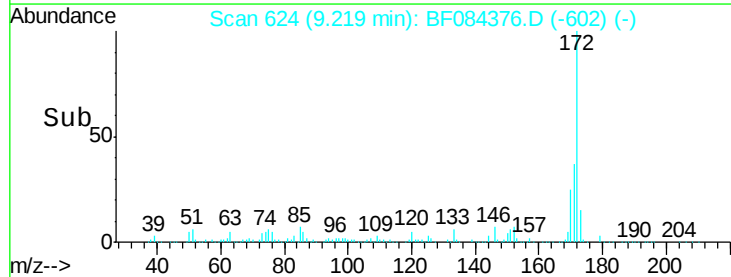
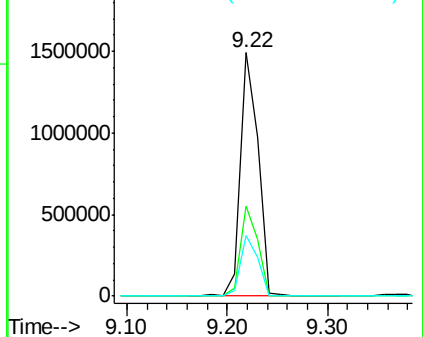


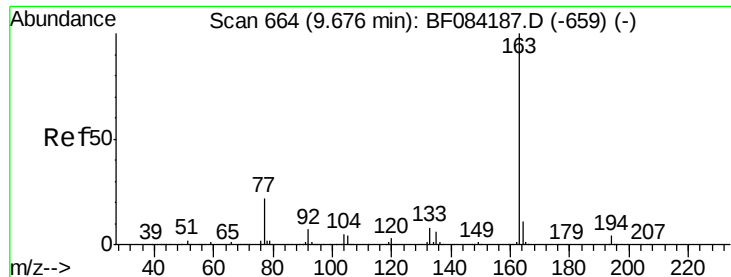
#44
 2-Fluorobiphenyl
 Concen: 84.19 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084376.D
 Acq: 11 Jan 2016 13:34

Tgt Ion:172 Resp: 1816735
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 24.8 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

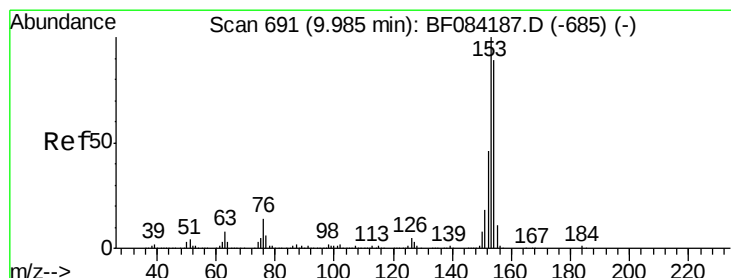
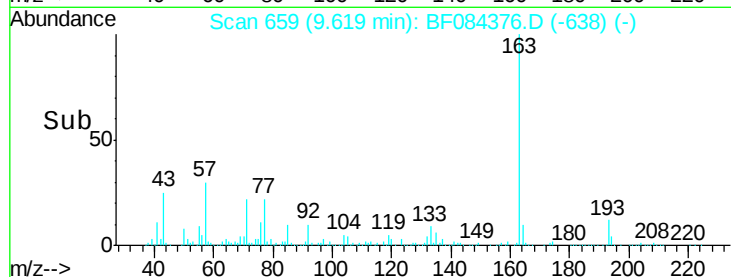
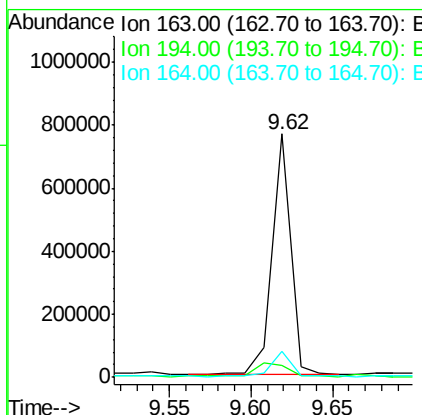
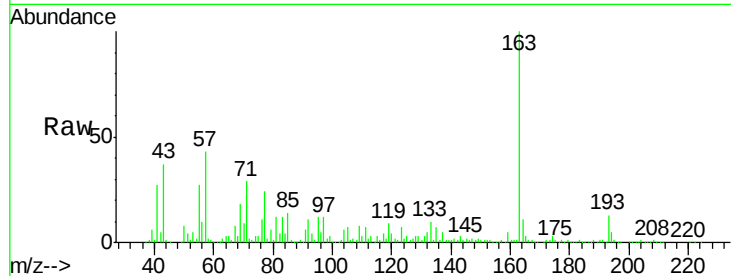




#49
Dimethylphthalate
Concen: 22.38 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084376.D
Acq: 11 Jan 2016 13:34

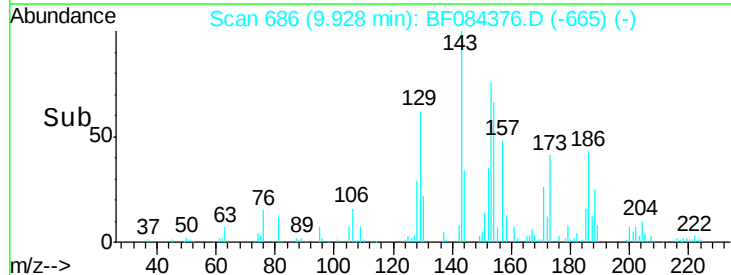
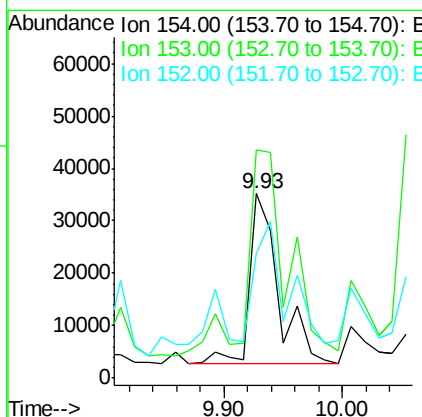
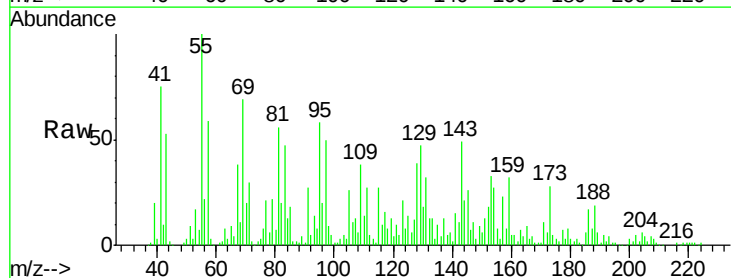
Instrument :
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SB-5N(0-10)

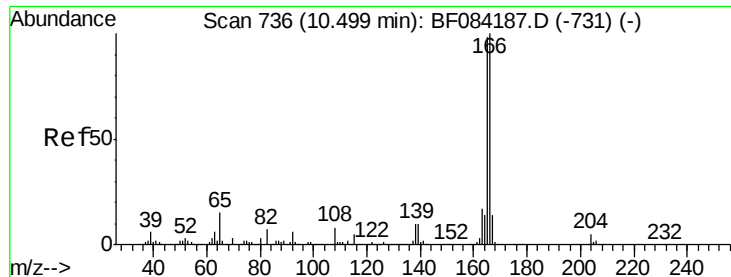
Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	8.0	12.0#
164	10.7	8.0	12.0



#51
Acenaphthene
Concen: 2.35 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF084376.D
Acq: 11 Jan 2016 13:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	123.4	91.5	137.3
152	67.5	43.0	64.6#





#57

Fluorene

Concen: 2.43 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.06 min

Lab File: BF084376.D

Acq: 11 Jan 2016 13:34

Instrument :

BNA_F

ClientSampleId :

SB-5N(0-10)

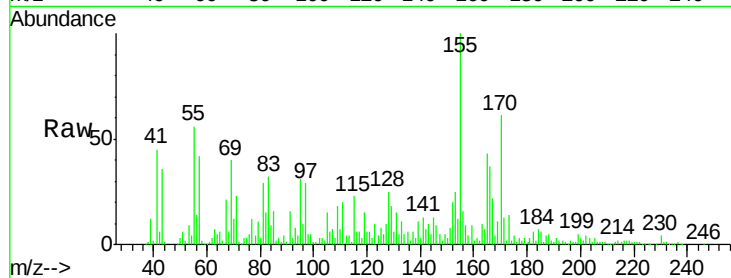
Tgt Ion:166 Resp: 109986

Ion Ratio Lower Upper

166 100

165 116.4 79.1 118.7

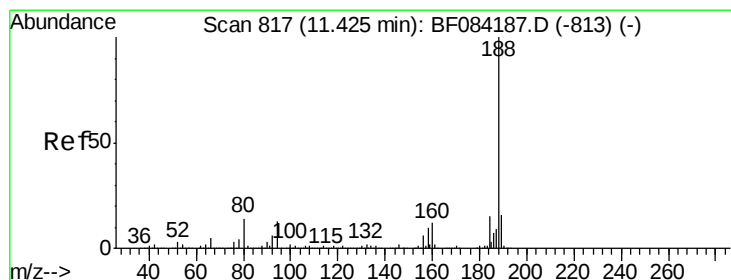
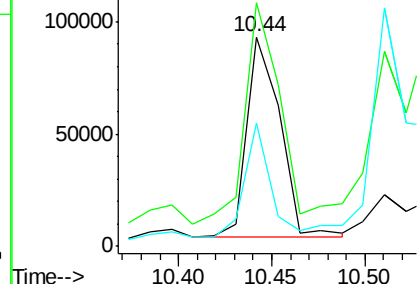
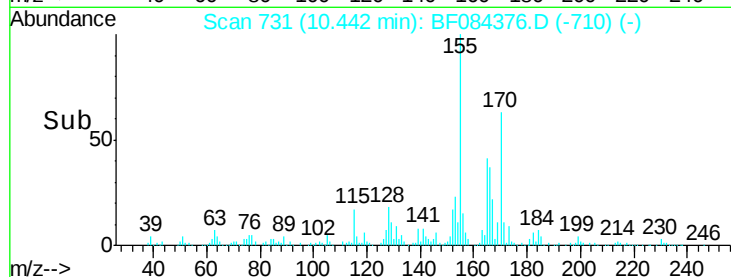
167 59.2 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084376.D

Acq: 11 Jan 2016 13:34

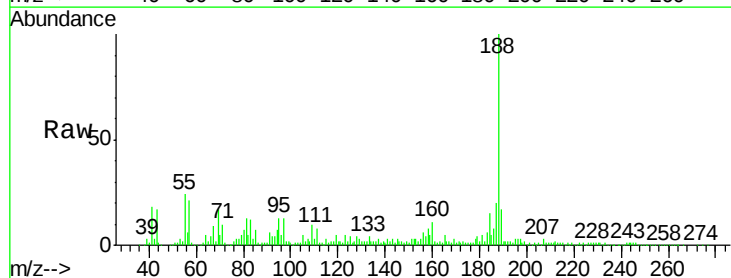
Tgt Ion:188 Resp: 602089

Ion Ratio Lower Upper

188 100

94 6.7 9.0 13.4#

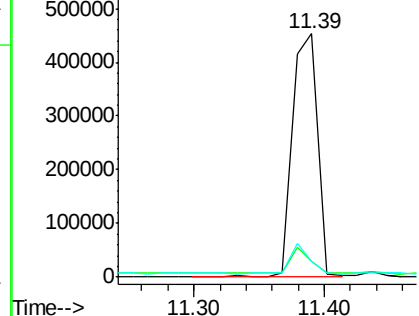
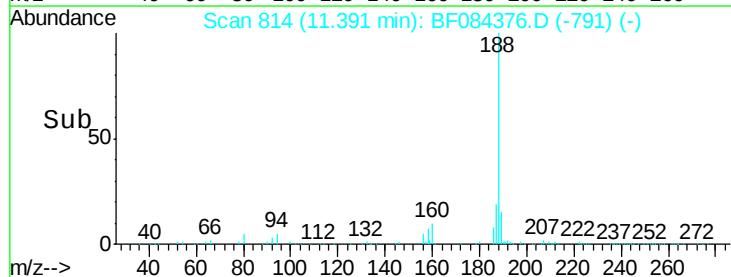
80 6.7 9.6 14.4#

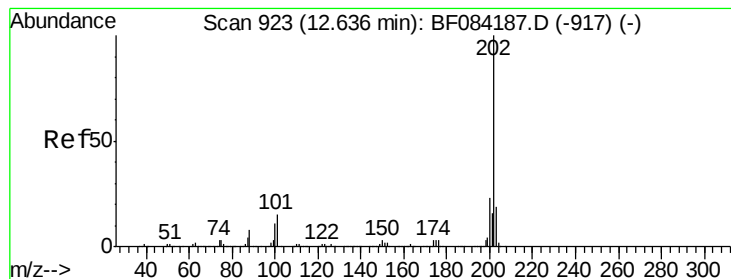


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.20 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084376.D

Acq: 11 Jan 2016 13:34

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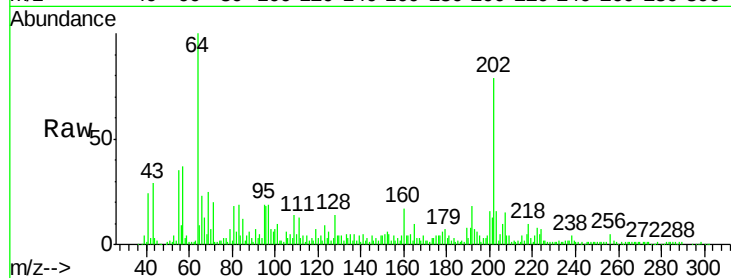
Tgt Ion:202 Resp: 72334

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.8

203 20.6 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

120000

100000

80000

60000

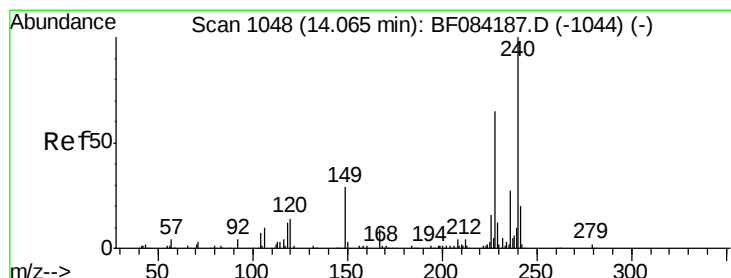
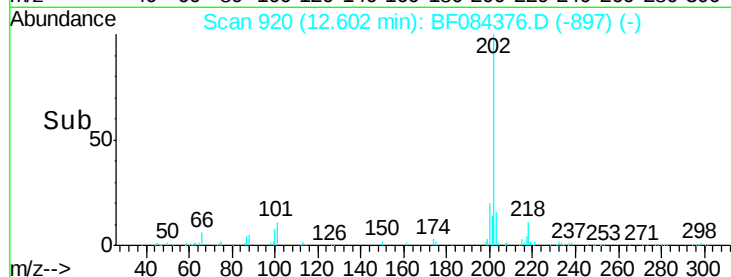
40000

20000

0

12.55 12.60 12.65

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084376.D

Acq: 11 Jan 2016 13:34

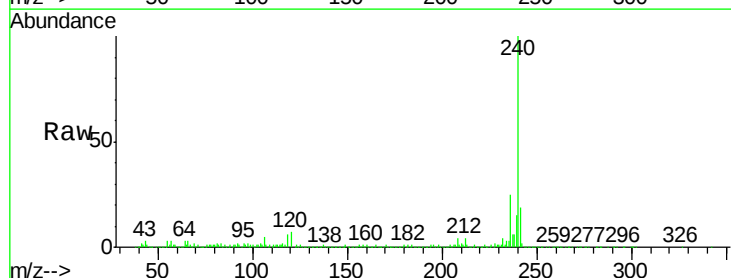
Tgt Ion:240 Resp: 462398

Ion Ratio Lower Upper

240 100

120 6.7 9.5 14.3#

236 25.2 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

500000

400000

300000

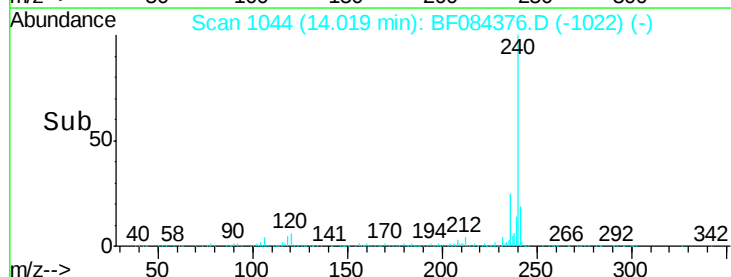
200000

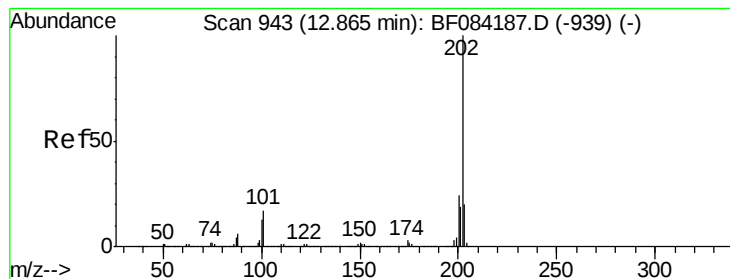
100000

0

13.90 14.00 14.10 14.20

Time-->





#77

Pyrene

Concen: 2.45 ng m

RT: 12.82 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF084376.D

Acq: 11 Jan 2016 13:34

Instrument :

BNA_F

ClientSampleId :

SB-5N(0-10)

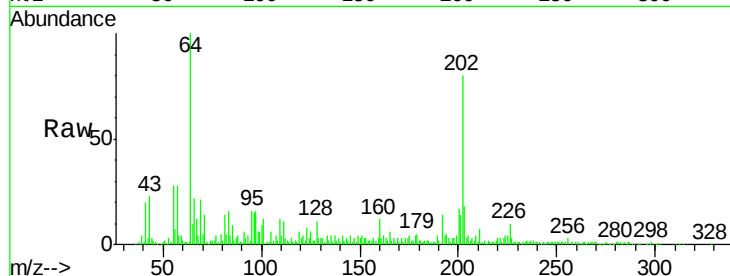
Tgt Ion:202 Resp: 88981

Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

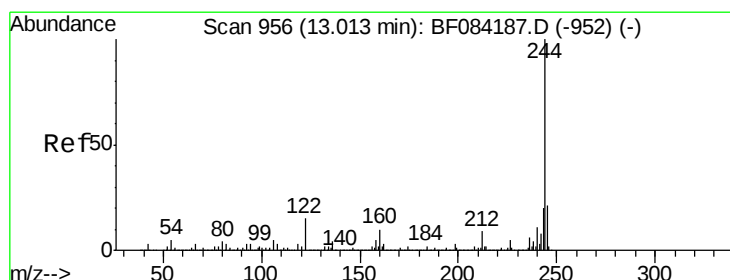
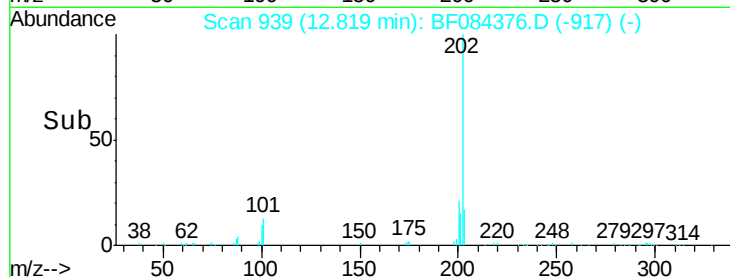
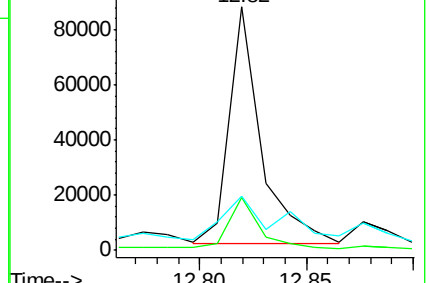
203 22.1 14.3 21.5#



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: 66.26 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084376.D

Acq: 11 Jan 2016 13:34

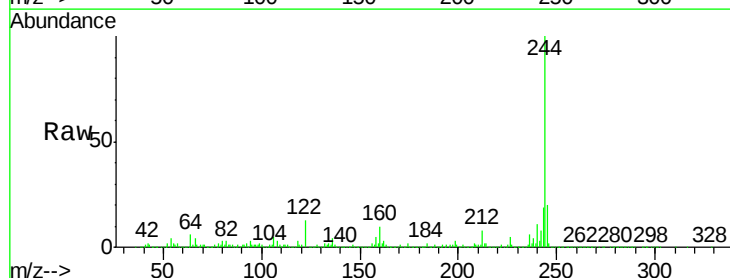
Tgt Ion:244 Resp: 1372586

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

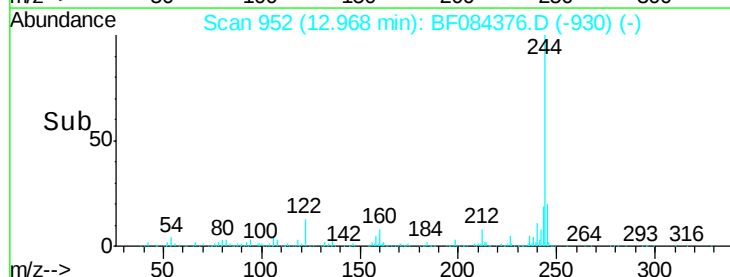
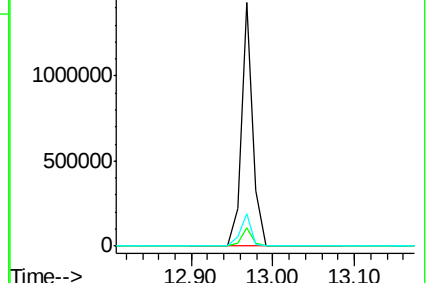
122 13.4 7.4 11.0#

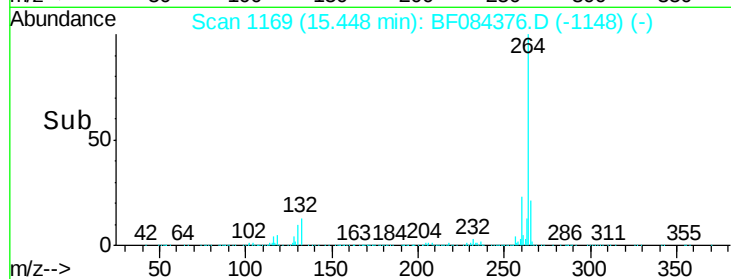
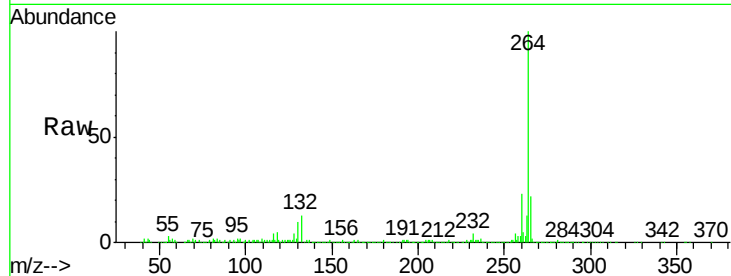
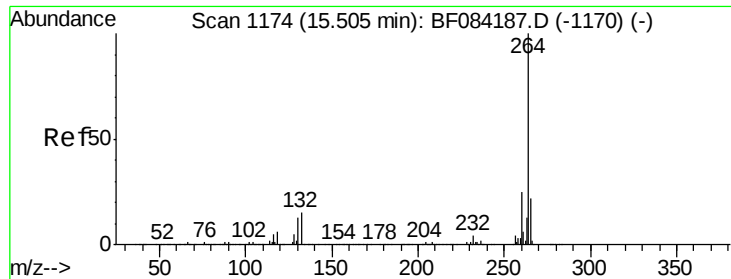


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084376.D

Acq: 11 Jan 2016 13:34

Instrument :

BNA_F

ClientSampleId :

SB-5N(0-10)

Tgt Ion: 264 Resp: 418876

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.5 17.8 26.6

