

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091160.D
 Acq On : 12 Nov 2016 00:25
 Operator : UM/SJ
 Sample : H5618-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1050-10STAGMAN

Quant Time: Nov 12 01:03:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

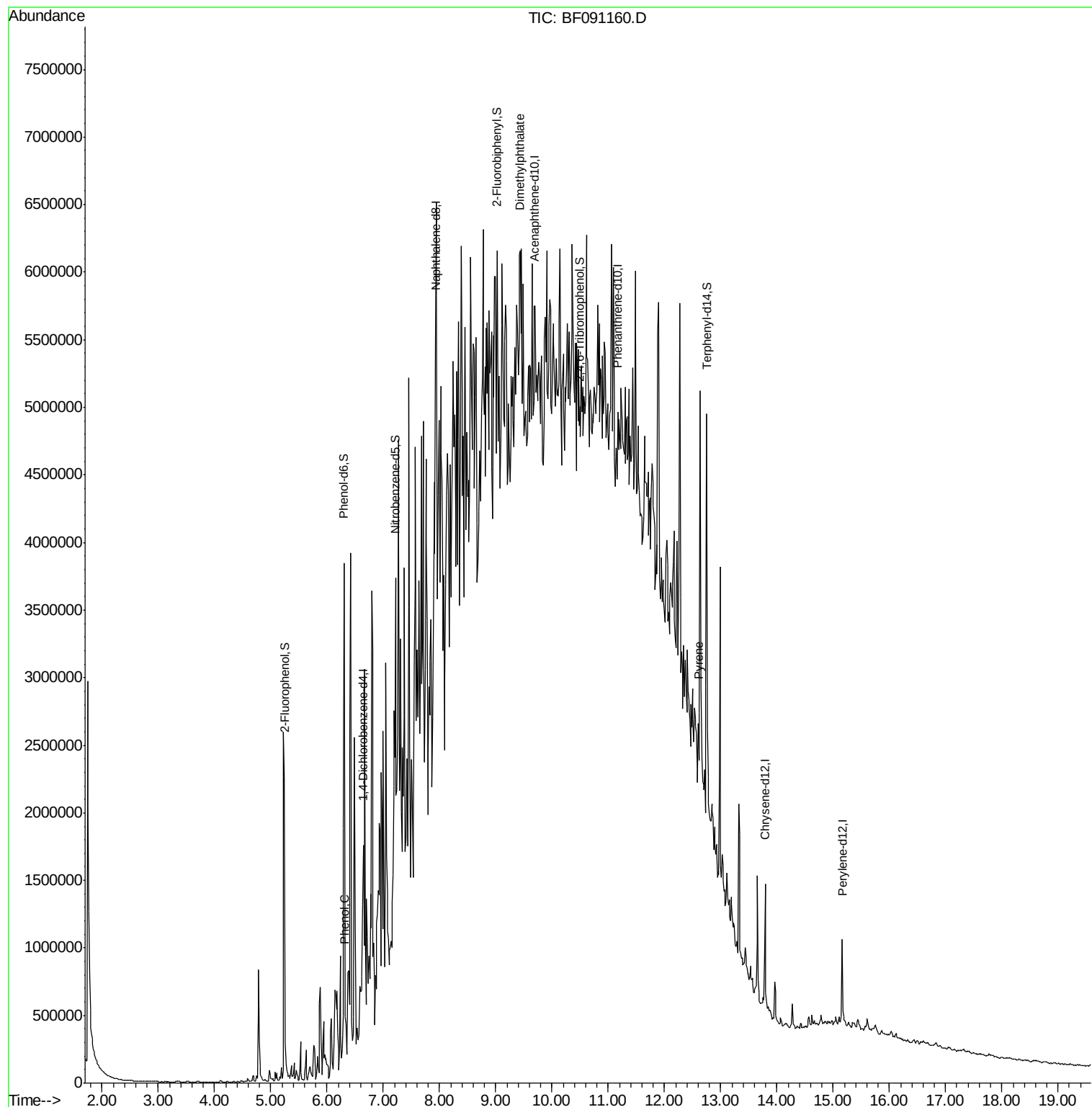
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	171925	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	403290	20.00	ng	-0.01
38) Acenaphthene-d10	9.70	164	243612	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	429798	20.00	ng	0.00
75) Chrysene-d12	13.79	240	340772	20.00	ng	-0.02
86) Perylene-d12	15.16	264	341085	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1131816	108.72	ng	0.00
7) Phenol-d6	6.30	99	1446563	102.38	ng	-0.01
23) Nitrobenzene-d5	7.22	82	949784	128.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	235441	106.90	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1147899	81.12	ng	-0.01
78) Terphenyl-d14	12.75	244	992857	72.71	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	67904	4.34	ng	# 61
49) Dimethylphthalate	9.42	163	272272	17.04	ng	# 96
77) Pyrene	12.60	202	151024	6.77	ng	96

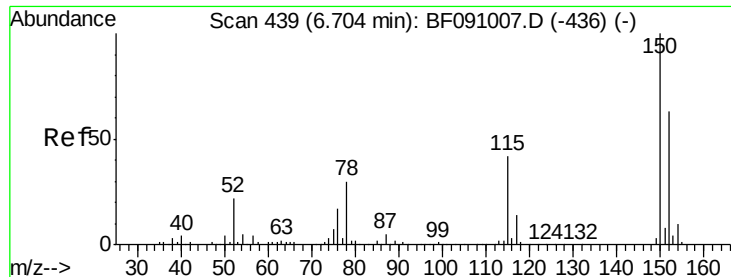
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

Instrument :

BNA_F

ClientSampleId :

1050-10STAGMAN

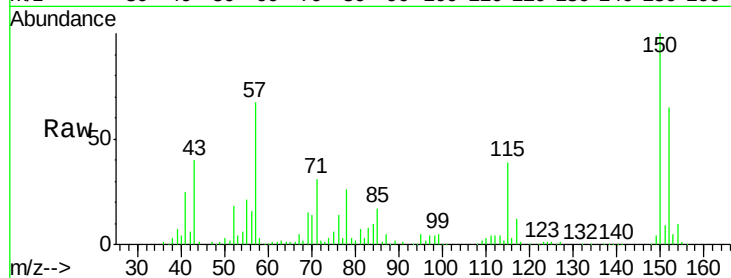
Tot Ion:152 Resp: 171925

Ion Ratio Lower Upper

152 100

150 153.3 126.8 190.2

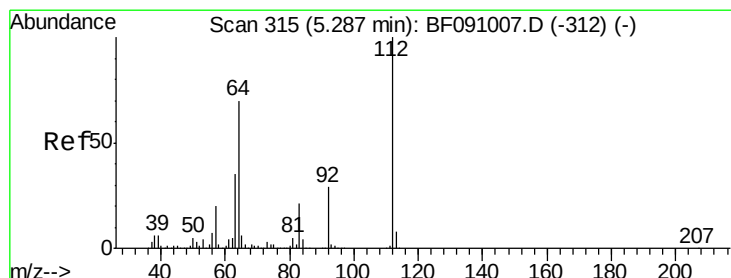
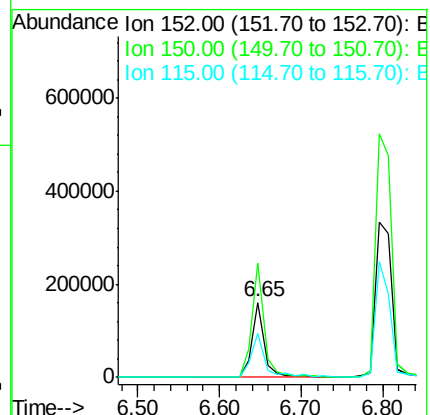
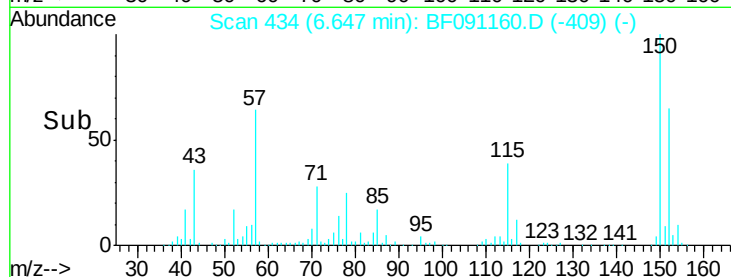
115 59.3 53.3 79.9



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: 108.72 ng

RT: 5.24 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

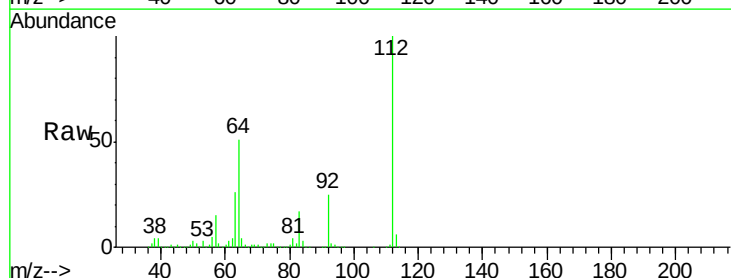
Tgt Ion:112 Resp: 1131816

Ion Ratio Lower Upper

112 100

64 51.2 55.8 83.6#

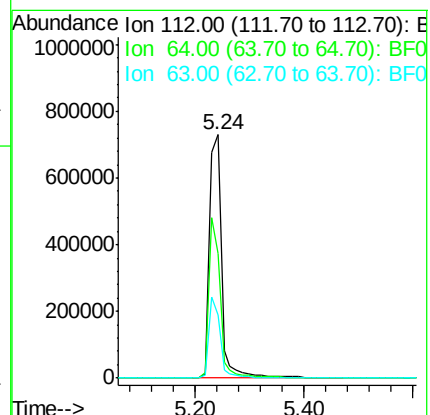
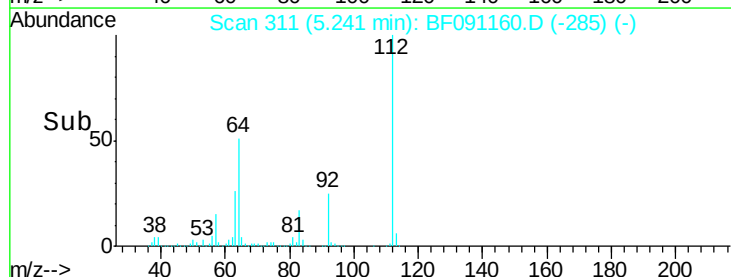
63 26.0 28.0 42.0#

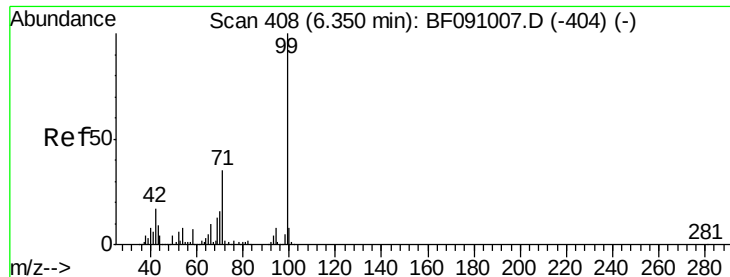


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.38 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

Instrument :

BNA_F

ClientSampleId :

1050-10STAGMAN

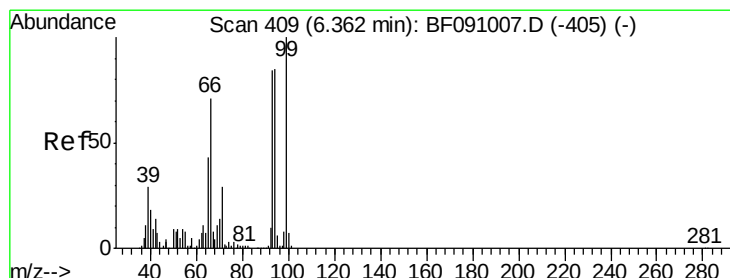
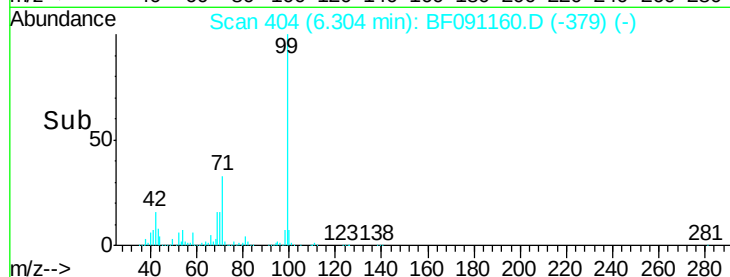
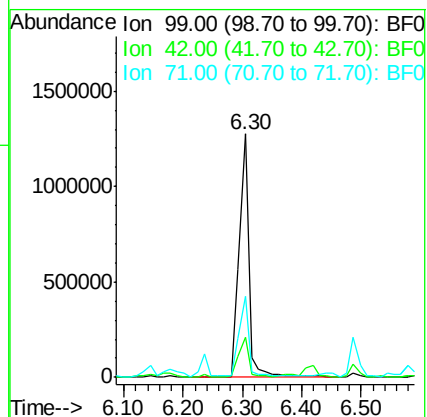
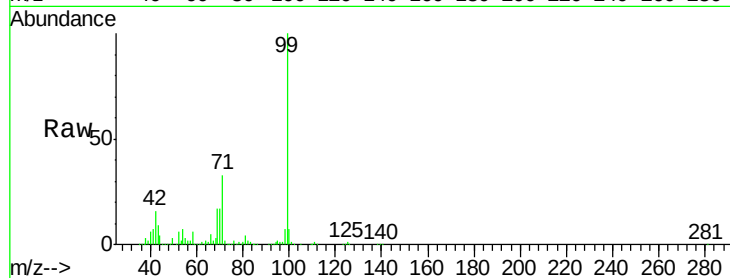
Tot Ion: 99 Resp: 1446563

Ion Ratio Lower Upper

99 100

42 16.5 13.9 20.9

71 33.4 27.8 41.8



#10

Phenol

Concen: 4.34 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

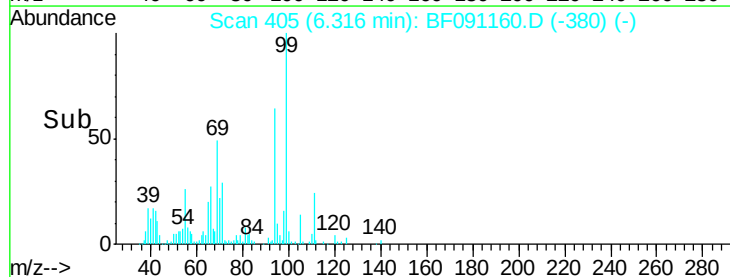
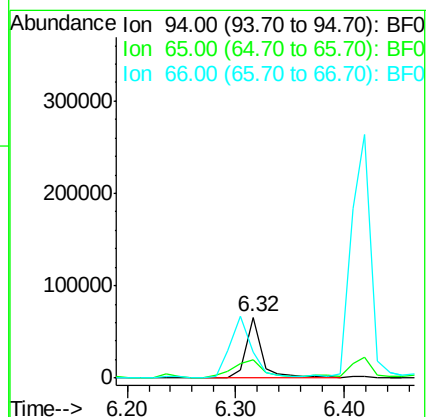
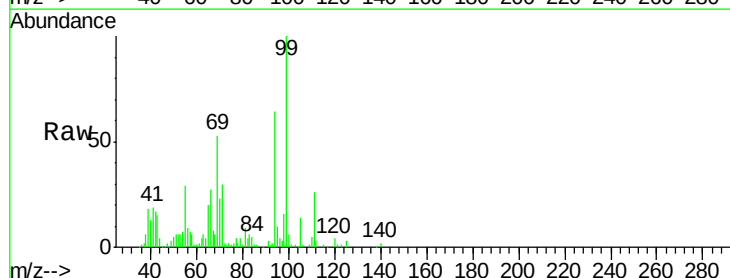
Tgt Ion: 94 Resp: 67904

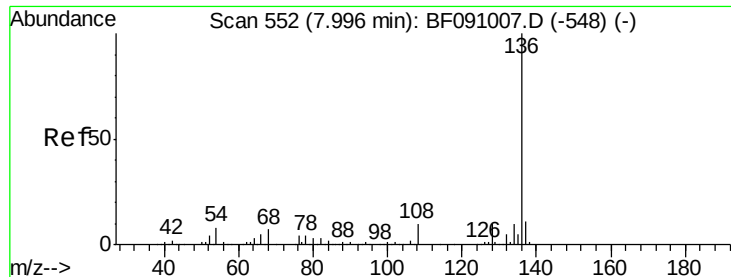
Ion Ratio Lower Upper

94 100

65 30.6 30.4 70.4

66 42.4 62.9 102.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

Instrument :

BNA_F

ClientSampleId :

1050-10STAGMAN

Tot Ion:136 Resp: 403290

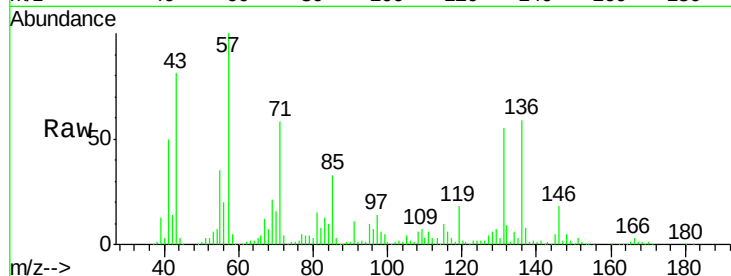
Ion Ratio Lower Upper

136 100

137 13.0 8.9 13.3

54 12.0 6.2 9.2#

68 11.3 5.5 8.3#

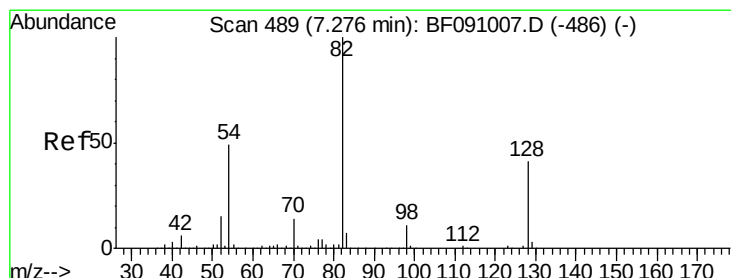
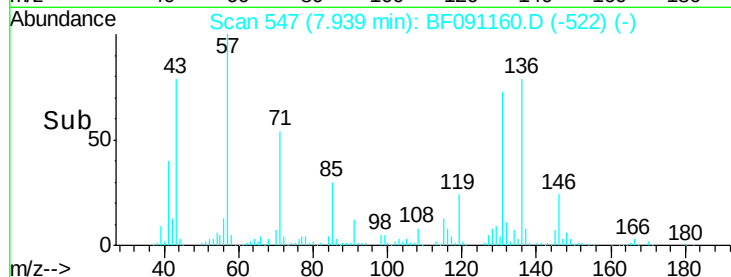
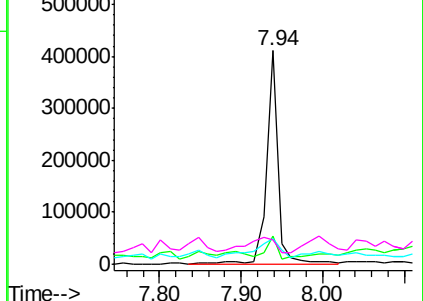


Abundance Ion 136.00 (135.70 to 136.70): E

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: 128.47 ng

RT: 7.22 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

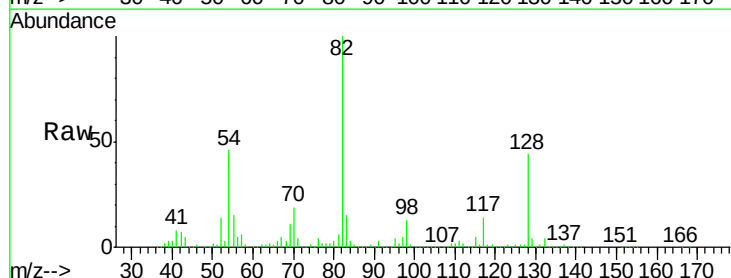
Tgt Ion: 82 Resp: 949784

Ion Ratio Lower Upper

82 100

128 44.3 32.4 48.6

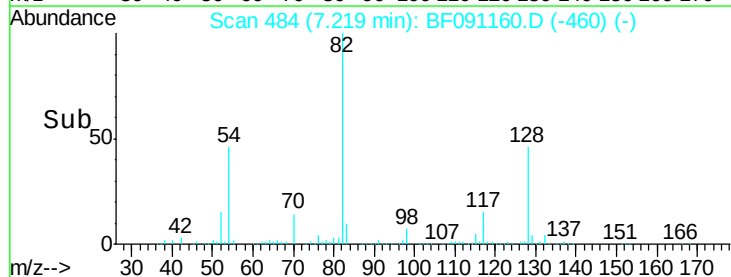
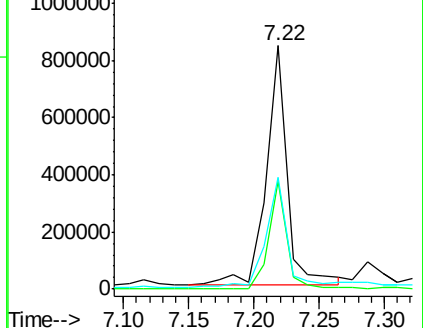
54 45.8 39.2 58.8

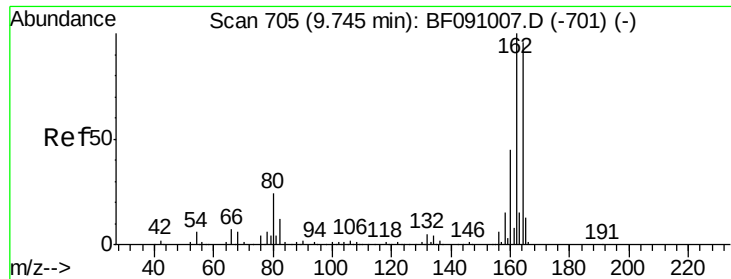


Abundance Ion 82.00 (81.70 to 82.70): BF0

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# 701

Delta R.T. -0.00 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

Instrument :

BNA_F

ClientSampleId :

1050-10STAGMAN

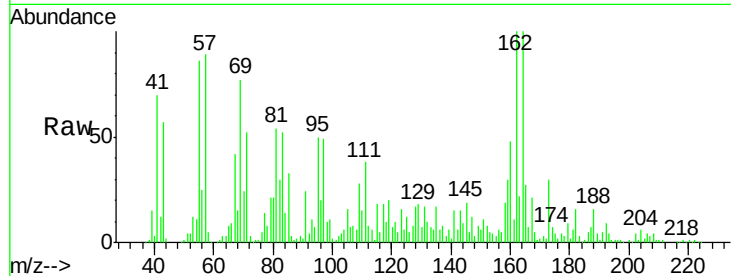
Tot Ion:164 Resp: 243612

Ion Ratio Lower Upper

164 100

162 100.4 83.6 125.4

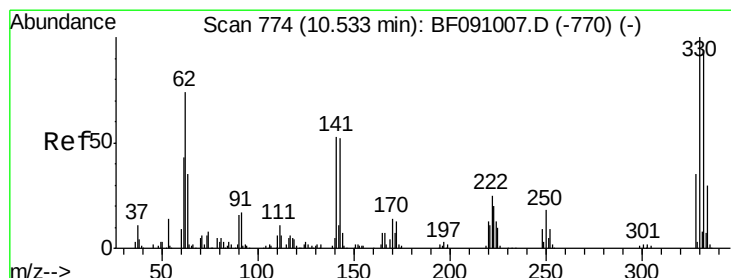
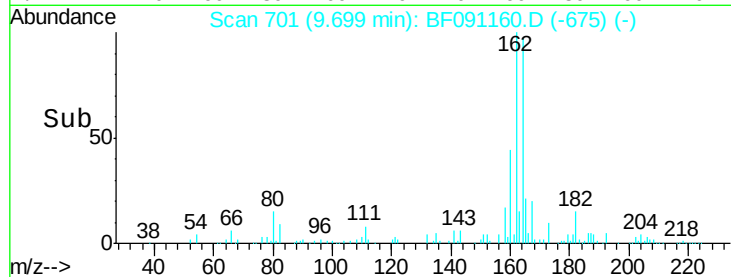
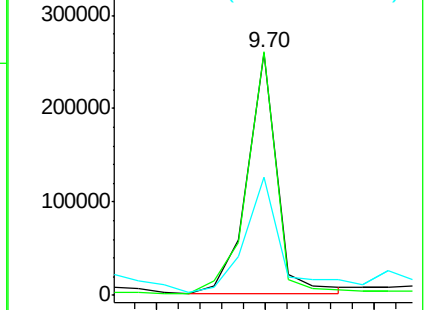
160 48.7 37.9 56.9



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: 106.90 ng

RT: 10.49 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

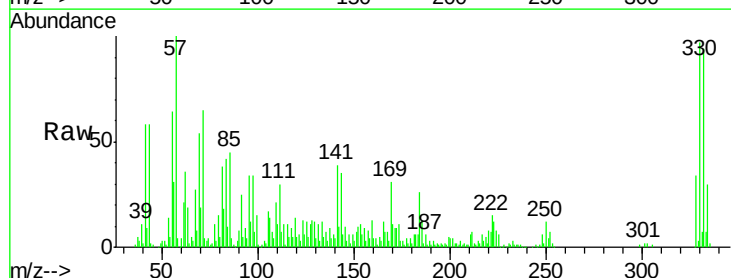
Tgt Ion:330 Resp: 235441

Ion Ratio Lower Upper

330 100

332 97.1 75.9 113.9

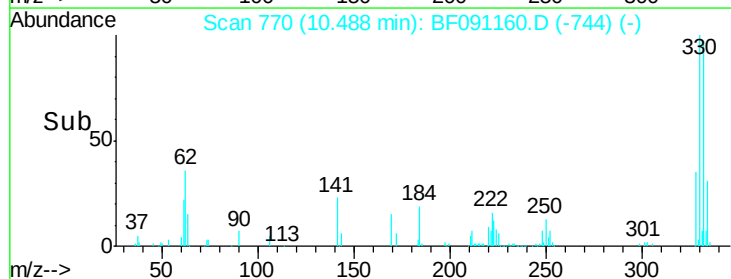
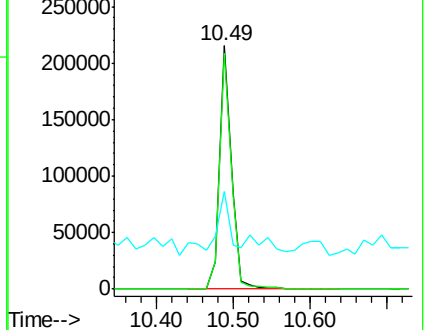
141 34.2 36.1 54.1#

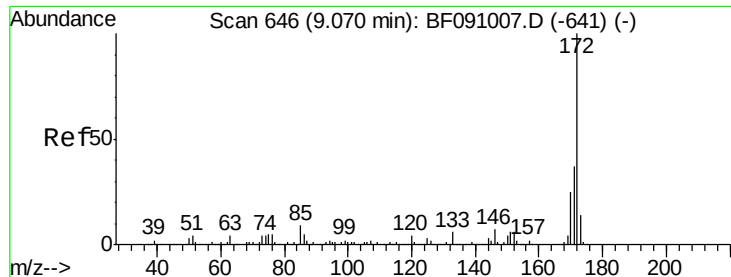


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

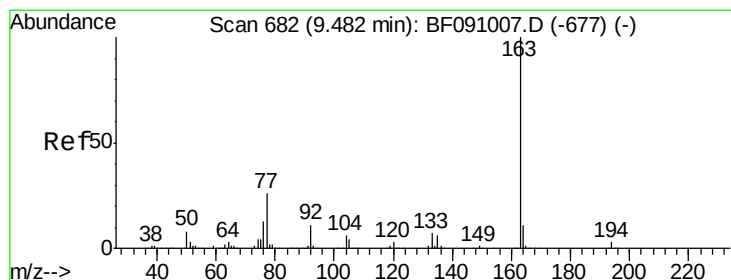
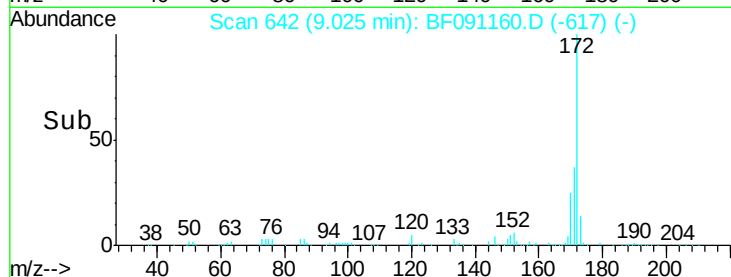
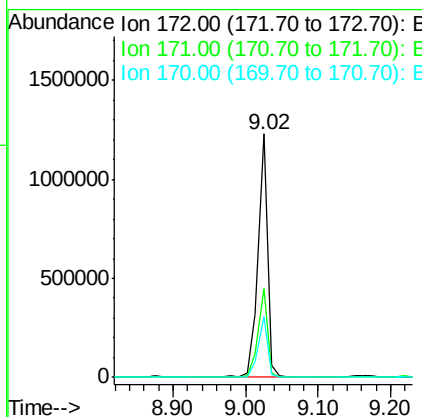
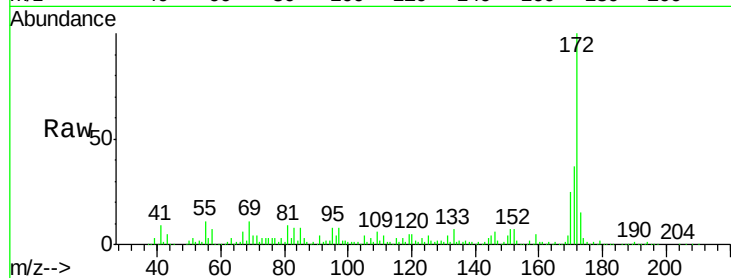




#44
2-Fluorobiphenyl
Concen: 81.12 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

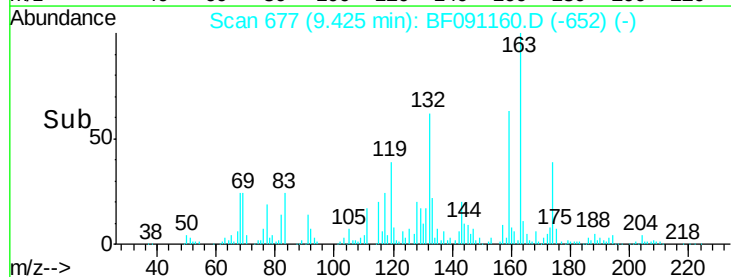
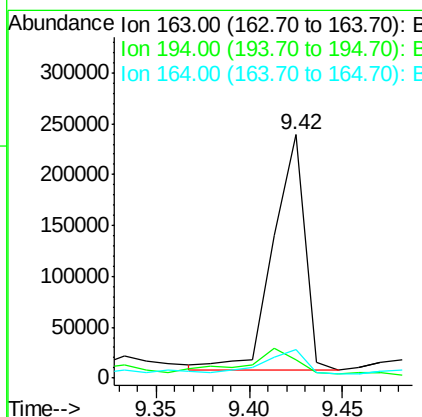
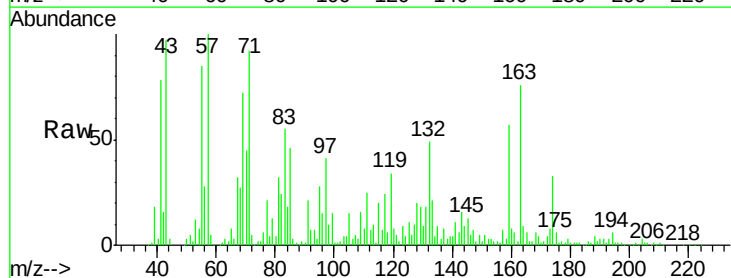
Instrument :
BNA_F
ClientSampleId :
1050-10STAGMAN

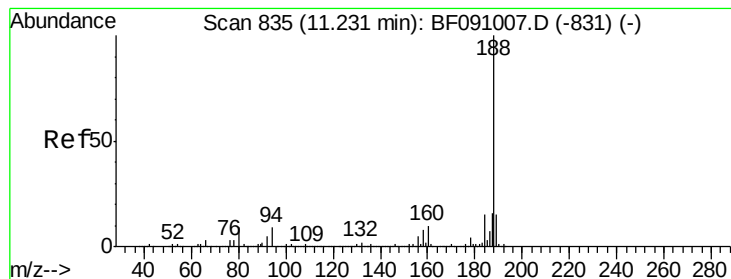
Tot Ion:172 Resp: 1147899
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.9 20.3 30.5



#49
Dimethylphthalate
Concen: 17.04 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Tgt Ion:163 Resp: 272272
Ion Ratio Lower Upper
163 100
194 7.5 2.6 4.0#
164 11.5 8.7 13.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

Instrument :

BNA_F

ClientSampleId :

1050-10STAGMAN

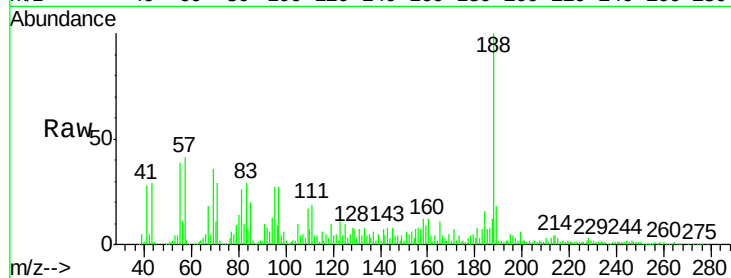
Tot Ion:188 Resp: 429798

Ion Ratio Lower Upper

188 100

94 13.0 7.0 10.4#

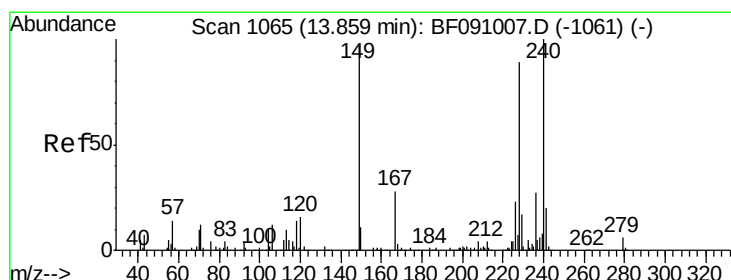
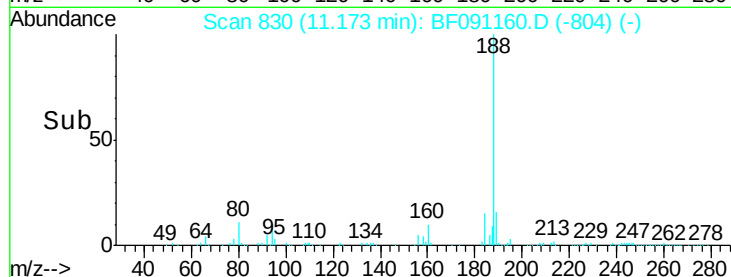
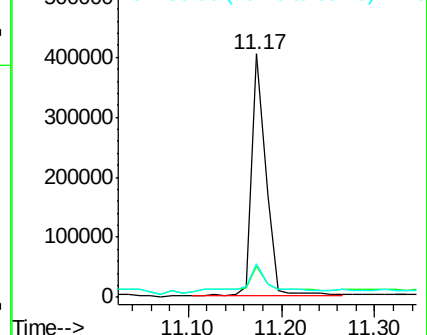
80 13.7 7.5 11.3#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

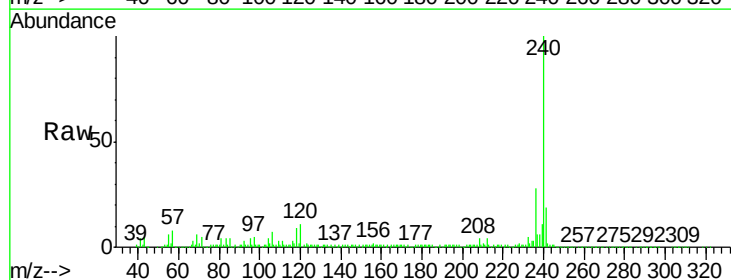
Tgt Ion:240 Resp: 340772

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

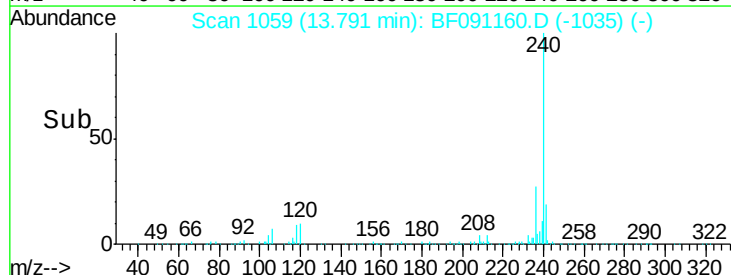
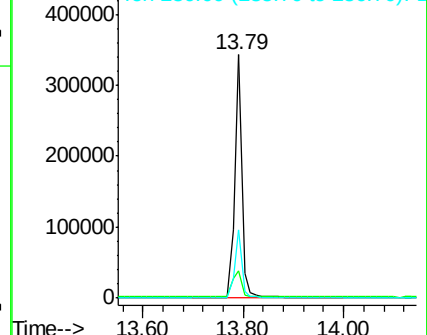
236 27.8 21.9 32.9

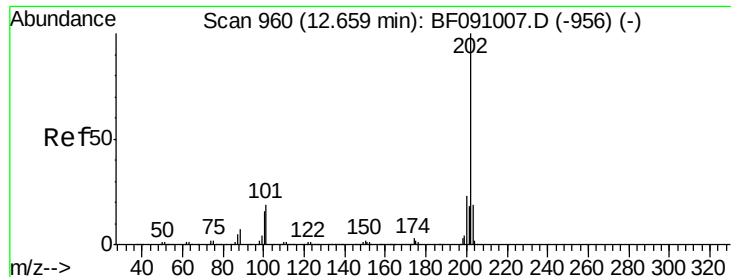


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 6.77 ng

RT: 12.60 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

Instrument :

BNA_F

ClientSampleId :

1050-10STAGMAN

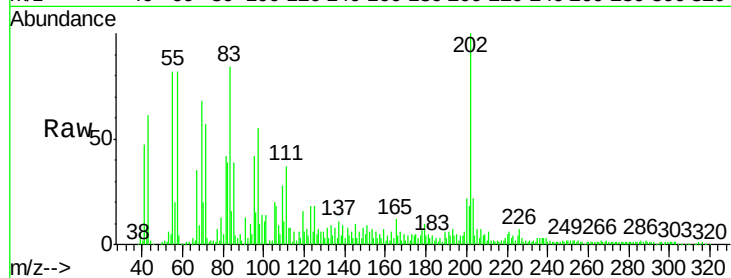
Tot Ion:202 Resp: 151024

Ion Ratio Lower Upper

202 100

200 21.6 18.4 27.6

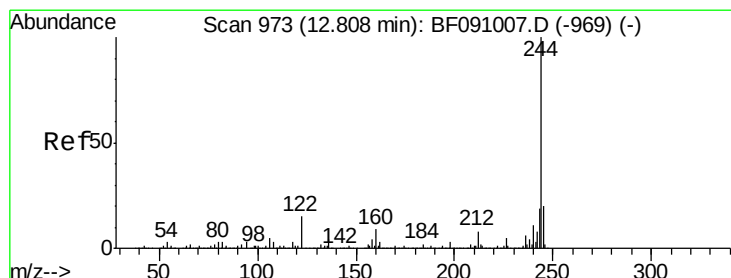
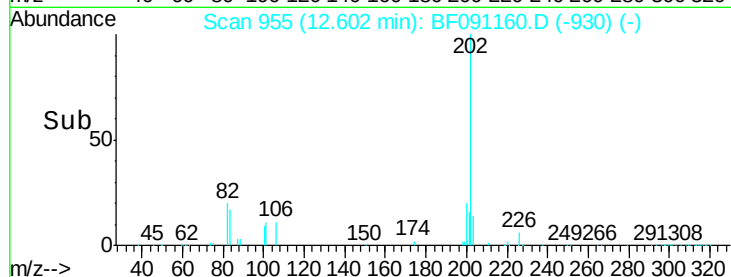
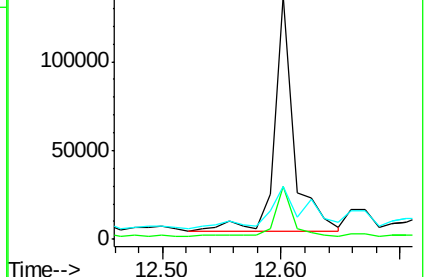
203 21.6 15.0 22.6



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: 72.71 ng

RT: 12.75 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

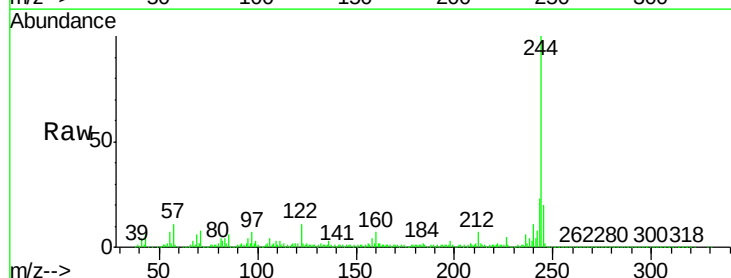
Tgt Ion:244 Resp: 992857

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

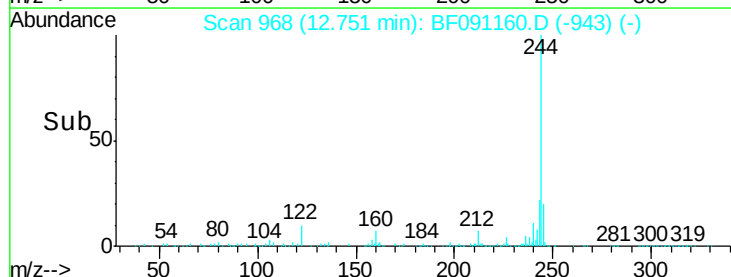
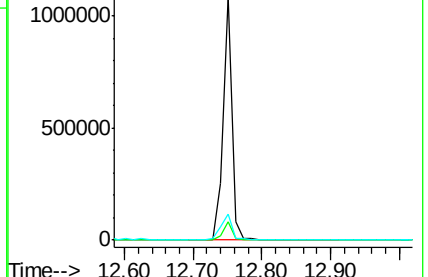
122 10.9 12.3 18.5#

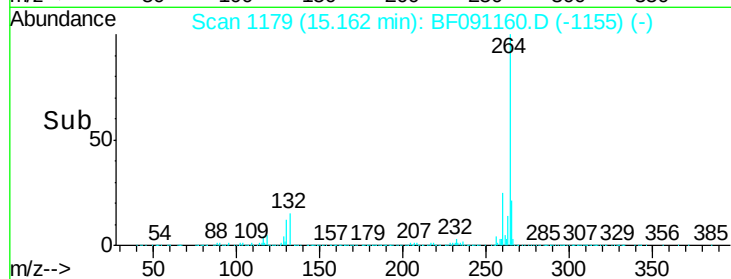
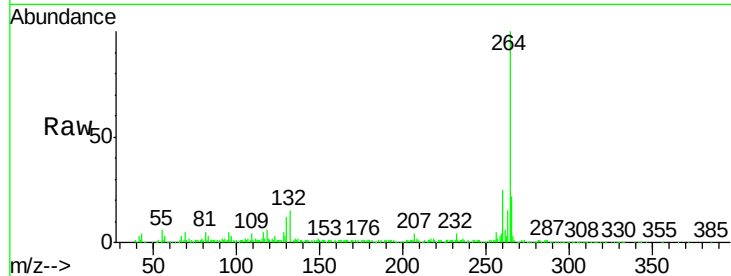
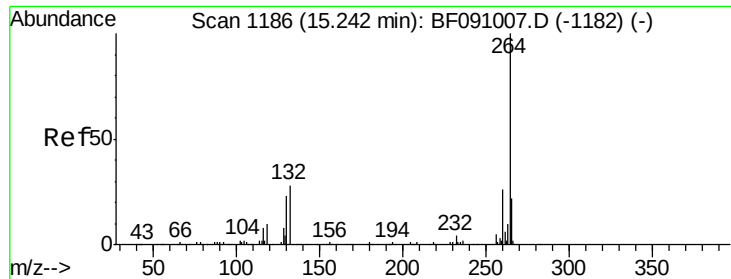


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.16 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Instrument :
BNA_F
ClientSampleId :
1050-10STAGMAN

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	21.8	17.8	26.8

