

Data Path : Z:\HPCHEM1\BNA F\Data\BF040216\
 Data File : BF085973.D
 Acq On : 1 Apr 2016 20:46
 Operator : UM/SJ
 Sample : PB89334BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89334BL

Quant Time: Apr 01 23:23:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	111259	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	426469	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	192849	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	393725	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	356176	20.00	ng	0.00
86) Perylene-d12	15.33	264	300281	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	758051	116.46	ng	0.00
7) Phenol-d6	6.42	99	1052737	127.33	ng	0.00
23) Nitrobenzene-d5	7.34	82	629384	87.03	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	276005	152.48	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1098455	94.71	ng	0.00
78) Terphenyl-d14	12.88	244	1063852	70.21	ng	0.00

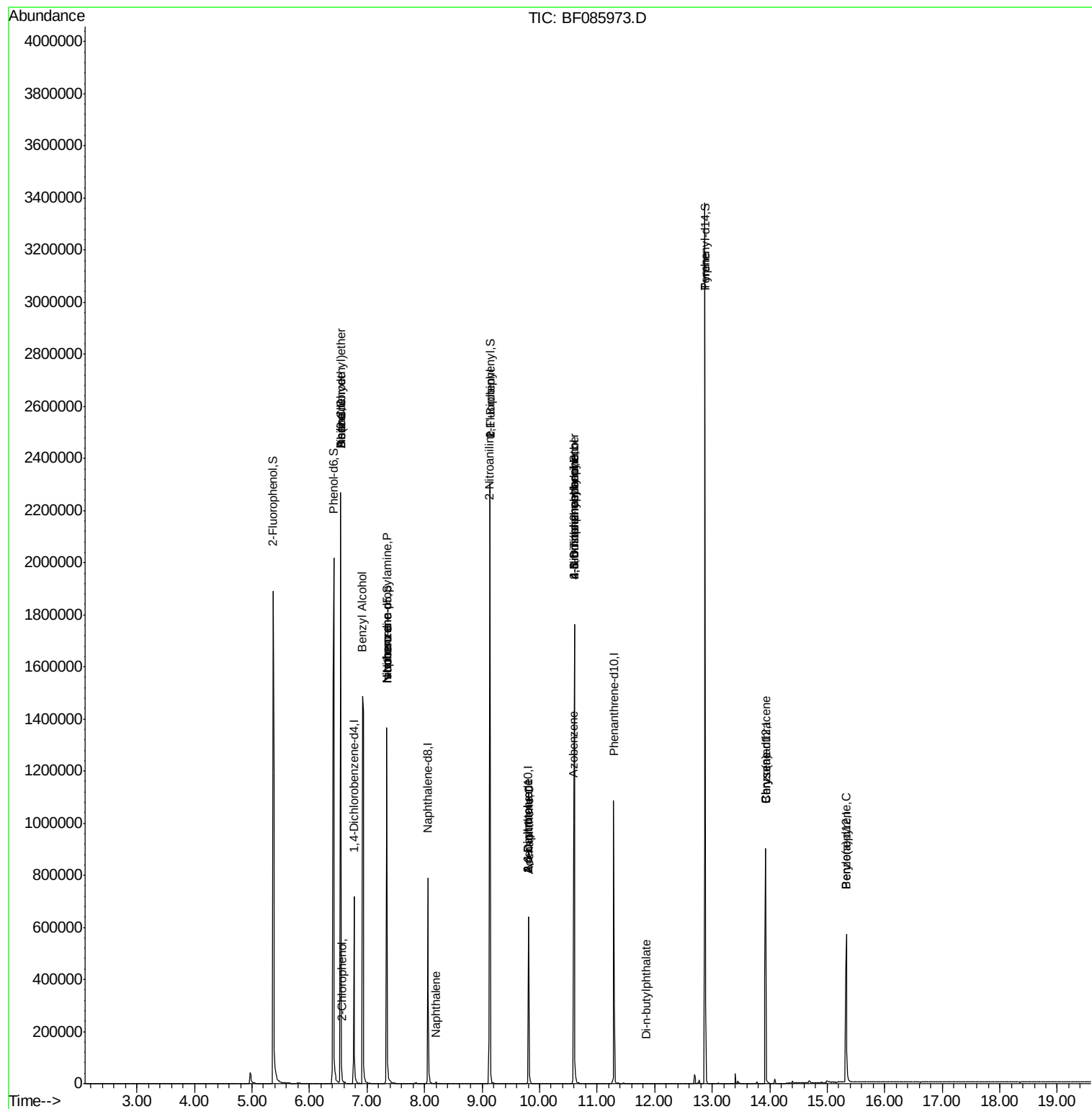
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.54	93	1276	0.12	ng	# 1
8) 2-Chlorophenol	6.56	128	240	0.03	ng	# 1
9) Benzaldehyde	6.54	77	17683	3.97	ng	91
10) Phenol	6.54	94	1709	0.18	ng	# 1
11) bis(2-Chloroethyl)ether	6.54	93	1276	0.17	ng	# 1
15) Benzyl Alcohol	6.92	79	9828	1.84	ng	# 49
19) n-Nitroso-di-n-propylamine	7.34	70	80168	15.64	ng	# 75
24) Nitrobenzene	7.34	77	1686	0.21	ng	# 33
25) Isophorone	7.34	82	627560	43.96	ng	# 68
31) Naphthalene	8.20	128	599	0.03	ng	# 1
45) 1,1'-Biphenyl	9.14	154	2199	0.13	ng	# 1
47) 2-Nitroaniline	9.13	65	1441	0.41	ng	# 1
50) 2,6-Dinitrotoluene	9.80	165	24202	8.00	ng	# 19
51) Acenaphthene	9.81	154	797	0.07	ng	# 4
56) 2,4-Dinitrotoluene	9.80	165	24203	6.33	ng	# 38
62) Azobenzene	10.59	77	1241	0.09	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.60	198	781	0.33	ng	# 54
65) n-Nitrosodiphenylamine	10.60	169	7975	0.65	ng	# 42
66) 4-Bromophenyl-phenylether	10.60	248	18226	4.53	ng	# 1
73) Di-n-butylphthalate	11.86	149	602	0.03	ng	# 78
77) Pyrene	12.88	202	3679	0.15	ng	# 66
80) Benzo(a)anthracene	13.93	228	840	0.04	ng	# 51
82) Chrysene	13.93	228	840	0.04	ng	# 49
89) Benzo(a)pyrene	15.33	252	789	0.05	ng	# 58

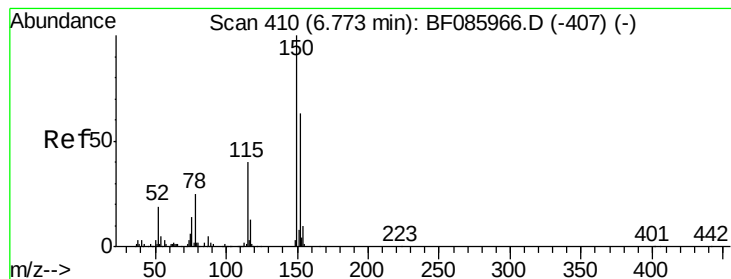
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 01 23:23:01 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampled :

PB89334BL

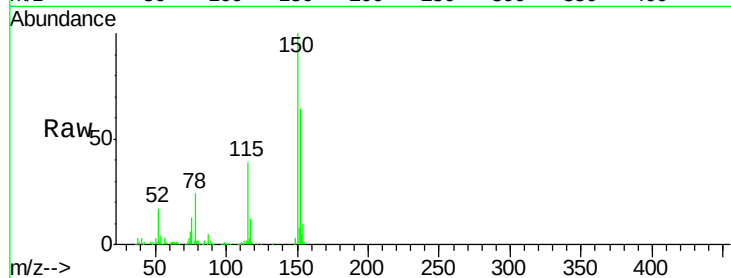
Tot Ion:152 Resp: 111259

Ion Ratio Lower Upper

152 100

150 155.7 124.2 186.2

115 60.3 47.0 70.6



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

500000

400000

300000

200000

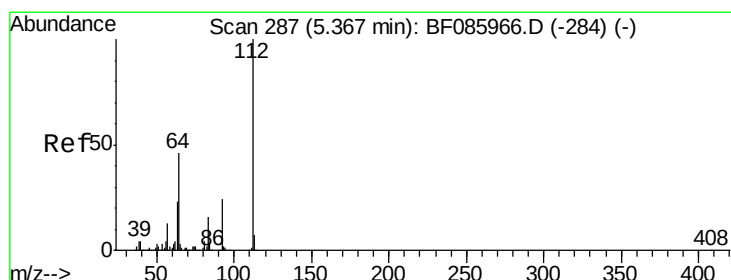
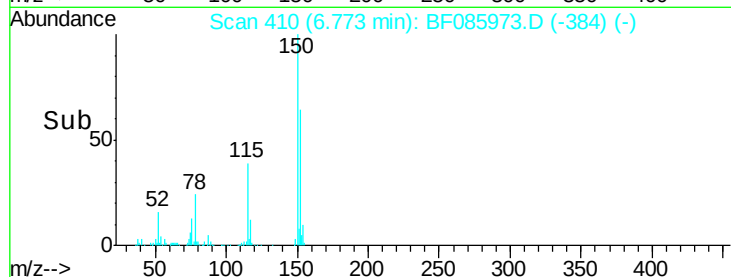
100000

0

6.77

6.70 6.80 6.90

Time-->



#5

2-Fluorophenol

Concen: 116.46 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

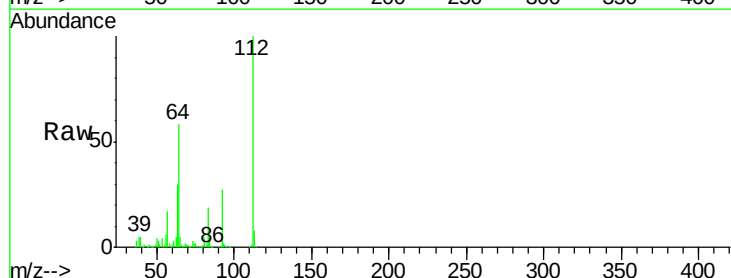
Tgt Ion:112 Resp: 758051

Ion Ratio Lower Upper

112 100

64 58.1 39.9 59.9

63 29.6 20.2 30.2



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

600000

400000

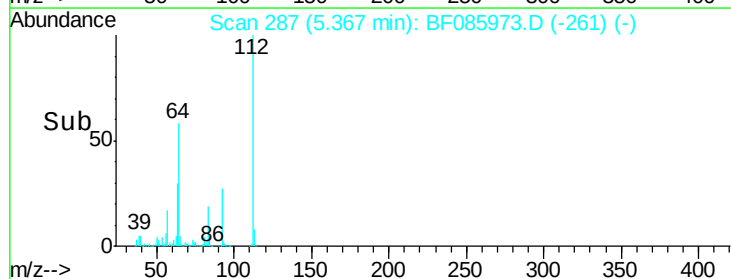
200000

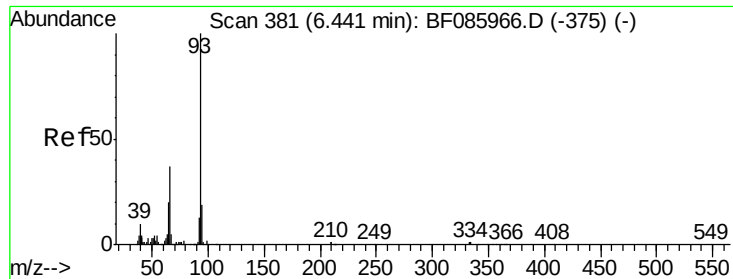
0

5.37

5.20 5.40 5.60

Time-->





#6

Aniline

Concen: 0.12 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.10 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

PB89334BL

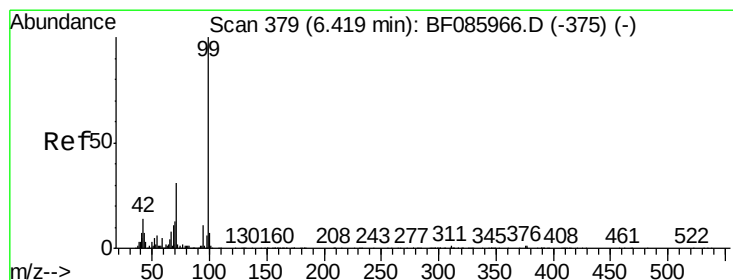
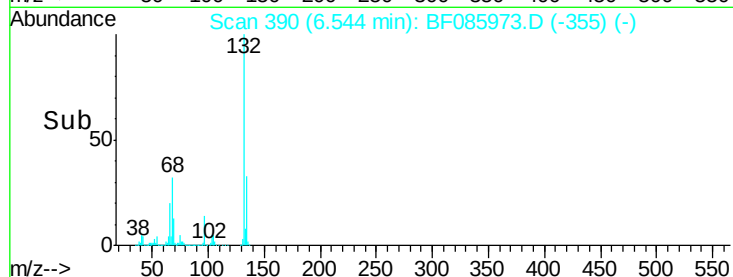
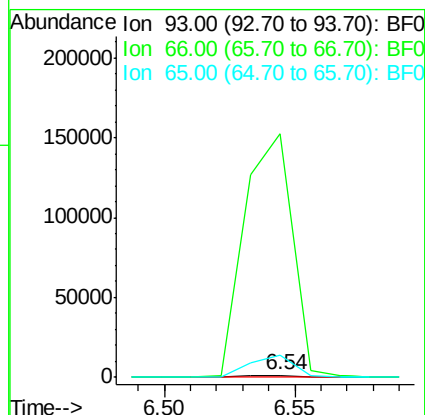
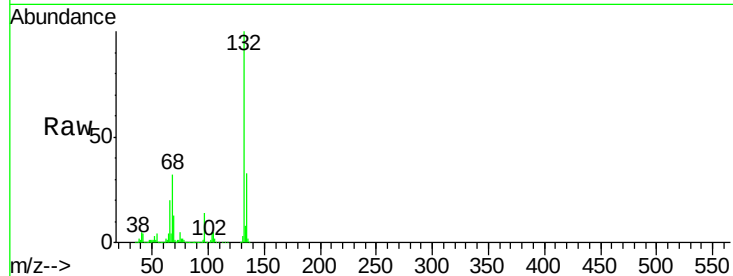
Tot Ion: 93 Resp: 1276

Ion Ratio Lower Upper

93 100

66 14485.2 31.4 47.2#

65 1291.9 15.7 23.5#



#7

Phenol-d6

Concen: 127.33 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

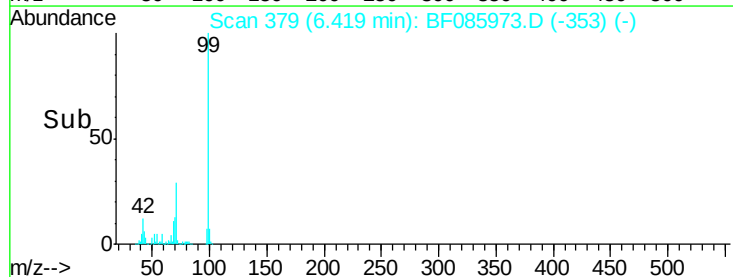
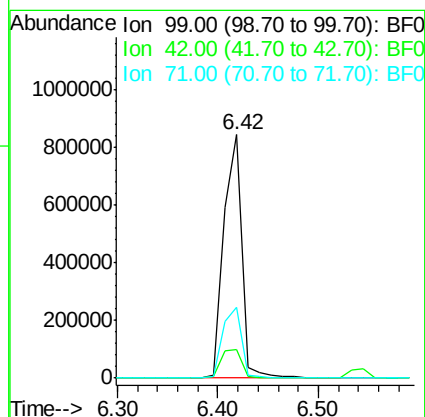
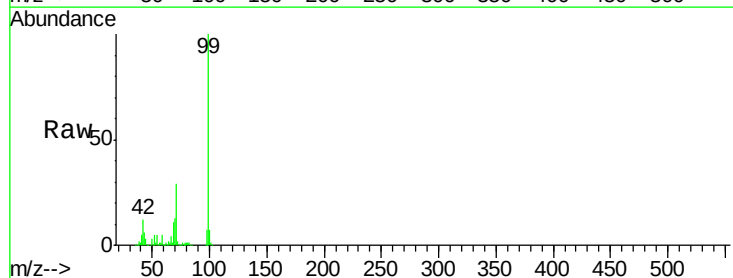
Tgt Ion: 99 Resp: 1052737

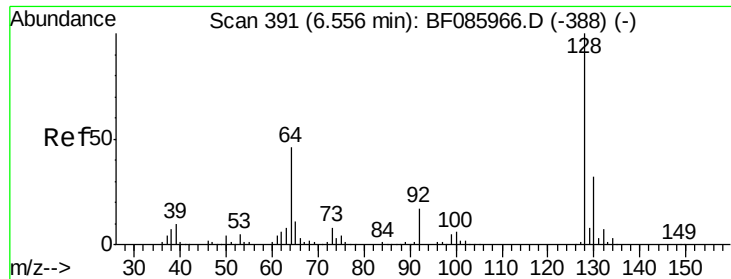
Ion Ratio Lower Upper

99 100

42 11.9 11.1 16.7

71 29.3 24.9 37.3





#8

2-Chlorophenol

Concen: 0.03 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

PB89334BL

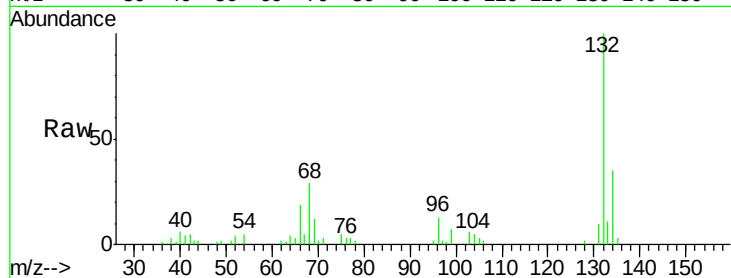
Tot Ion:128 Resp: 240

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

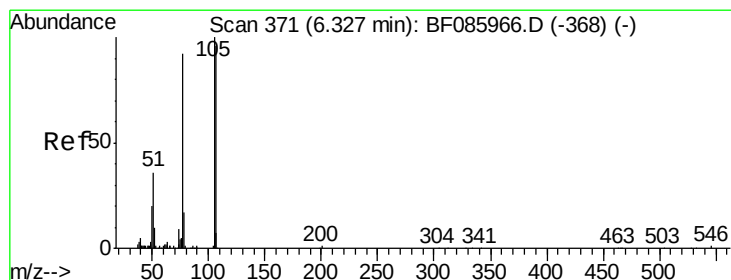
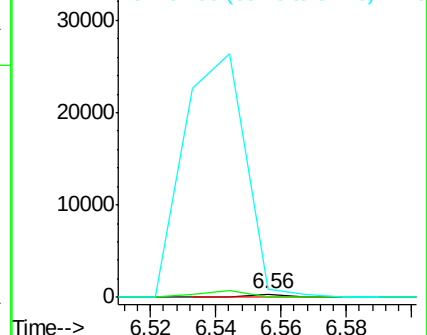
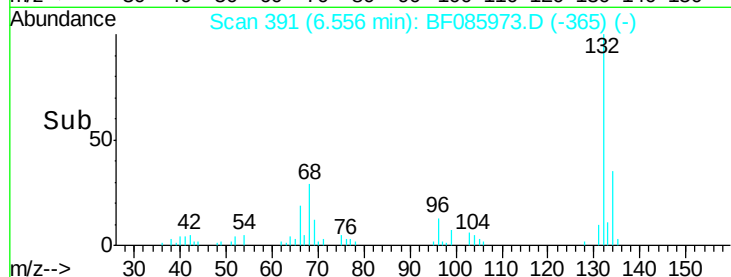
64 246.3 20.2 60.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 3.97 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

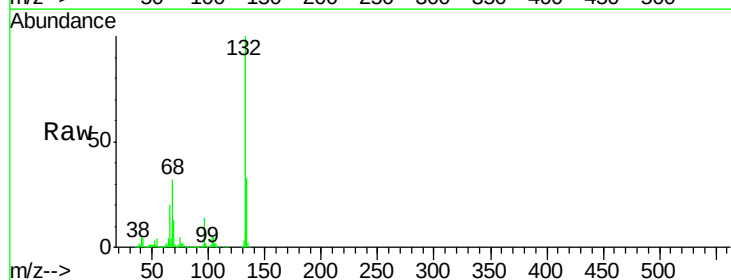
Tgt Ion: 77 Resp: 17683

Ion Ratio Lower Upper

77 100

105 92.7 80.1 120.1

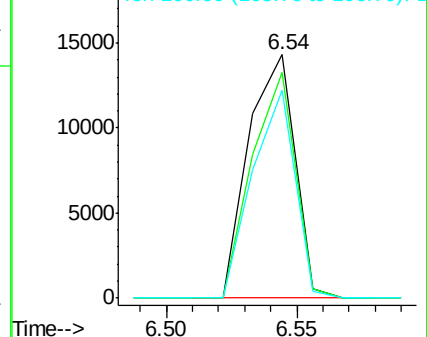
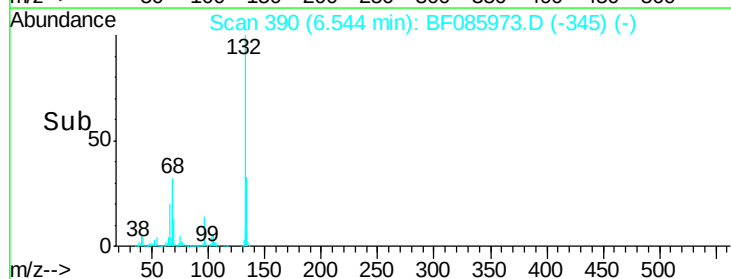
106 85.2 75.0 115.0

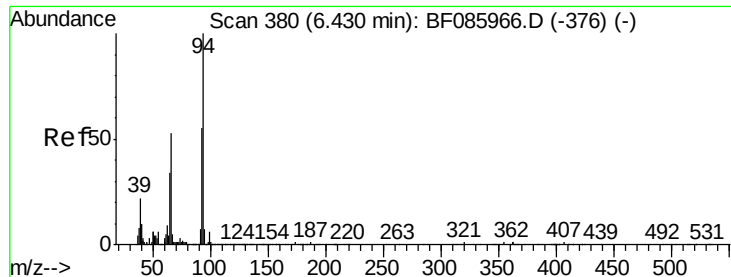


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.18 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.11 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

PB89334BL

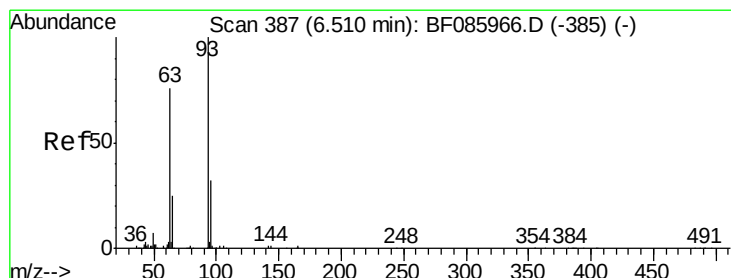
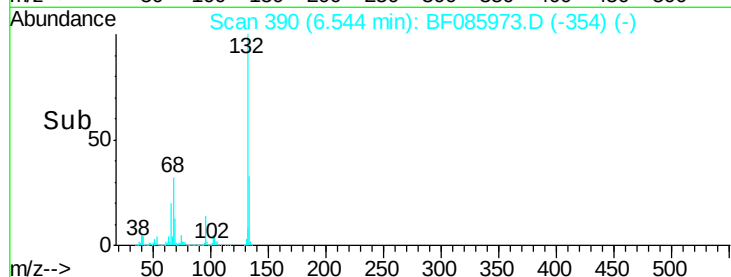
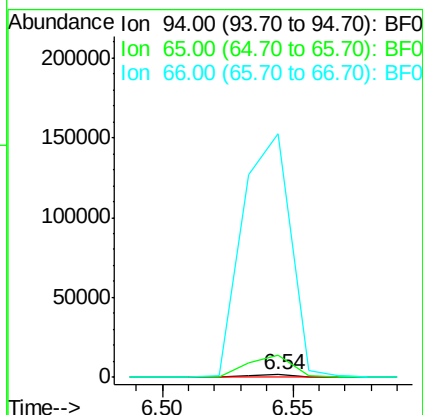
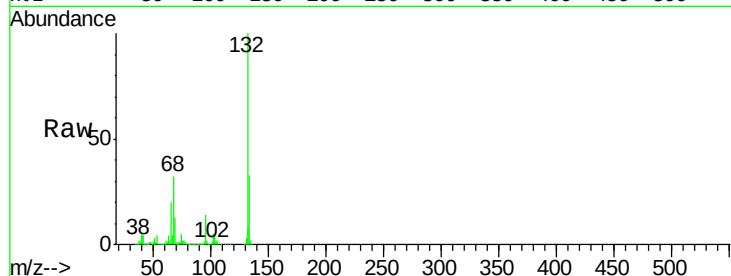
Tot Ion: 94 Resp: 1709

Ion Ratio Lower Upper

94 100

65 865.7 8.6 48.6#

66 9706.0 20.0 60.0#



#11

bis(2-Chloroethyl)ether

Concen: 0.17 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.03 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

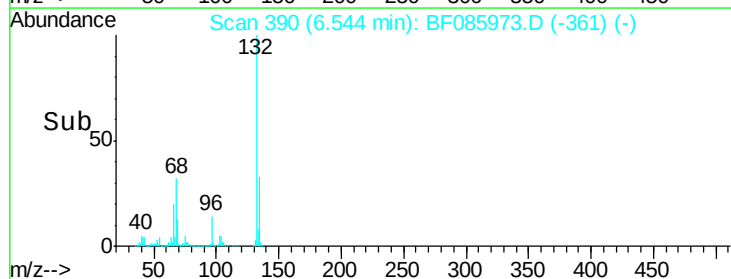
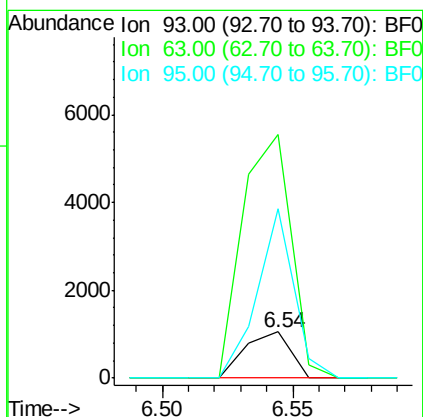
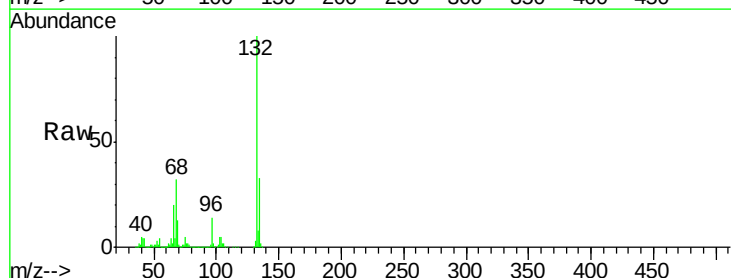
Tgt Ion: 93 Resp: 1276

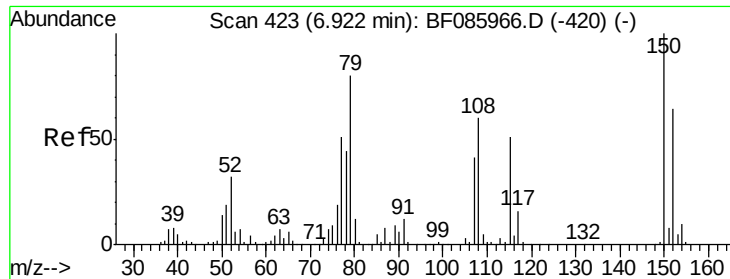
Ion Ratio Lower Upper

93 100

63 527.1 50.9 90.9#

95 367.9 13.3 53.3#

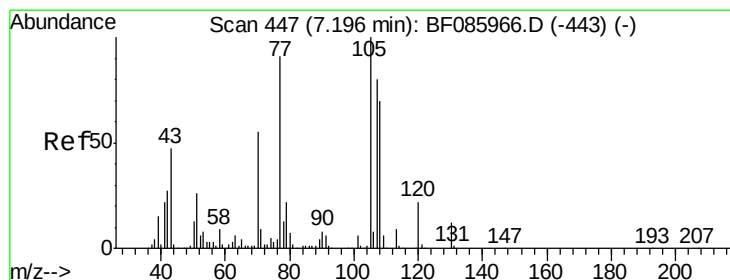
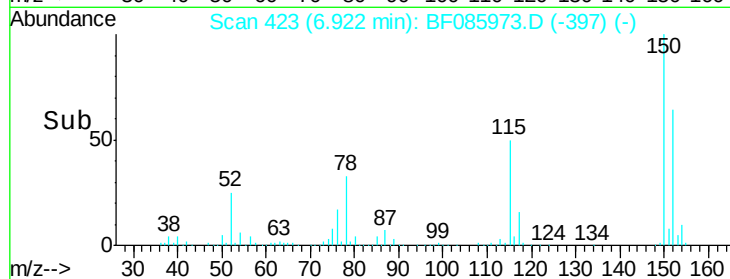
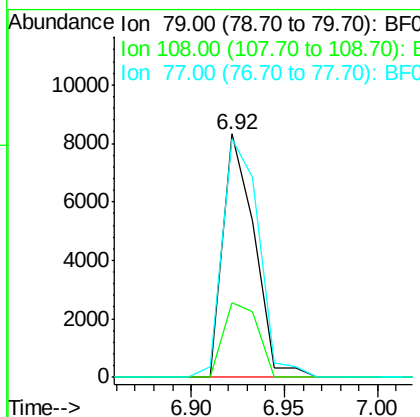
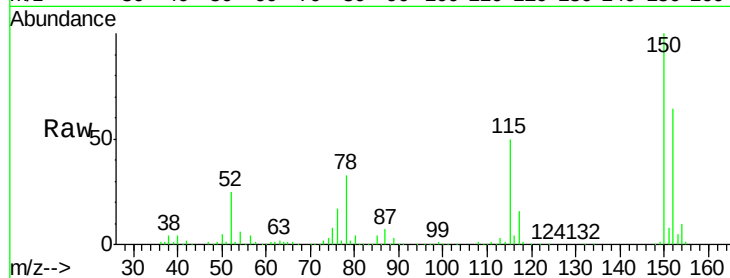




#15
Benzyl Alcohol
Concen: 1.84 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

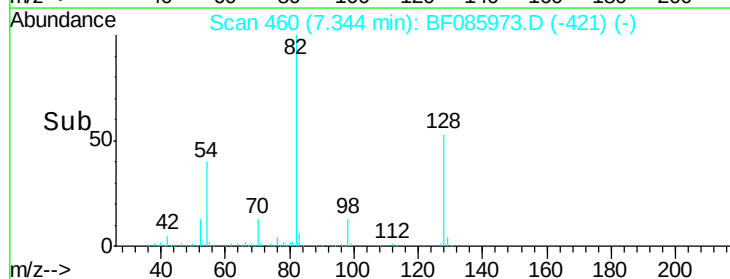
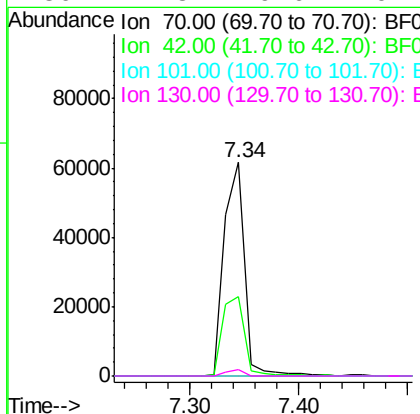
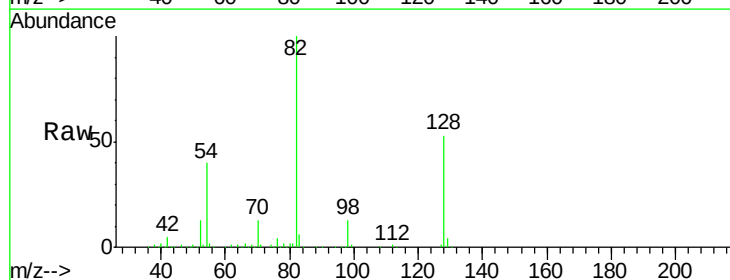
Instrument :
BNA_F
ClientSampled :
PB89334BL

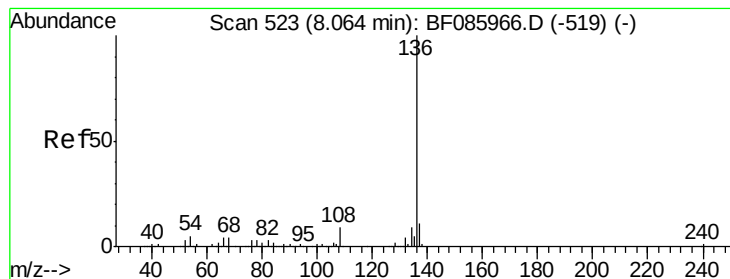
Tot Ion: 79 Resp: 9828
Ion Ratio Lower Upper
79 100
108 30.9 61.8 92.6#
77 98.1 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 15.64 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion: 70 Resp: 80168
Ion Ratio Lower Upper
70 100
42 36.9 37.1 55.7#
101 0.0 8.6 12.8#
130 2.8 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

PB89334BL

Tot Ion:136 Resp: 426469

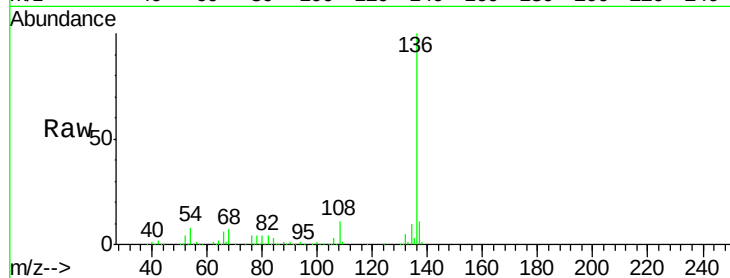
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.0 7.4 11.0

68 6.7 5.8 8.8

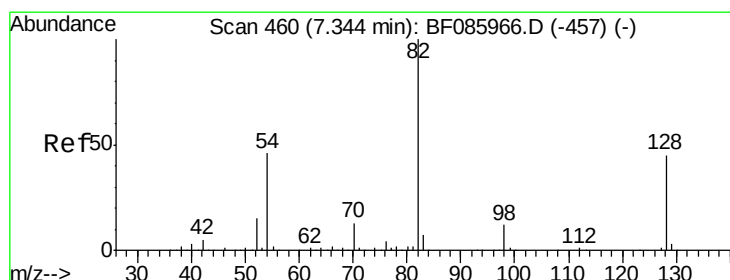
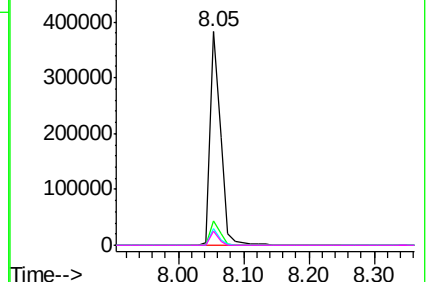
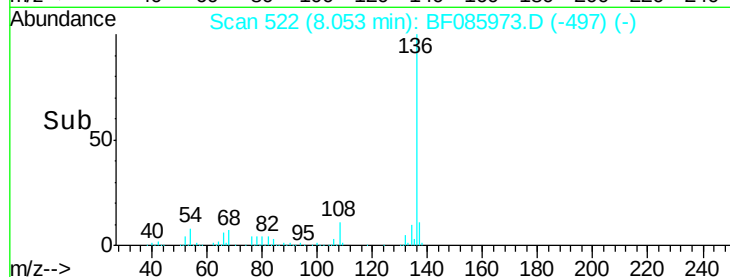


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.03 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

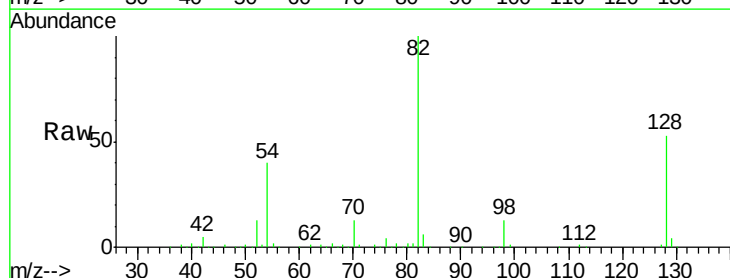
Tgt Ion: 82 Resp: 629384

Ion Ratio Lower Upper

82 100

128 53.0 41.8 62.8

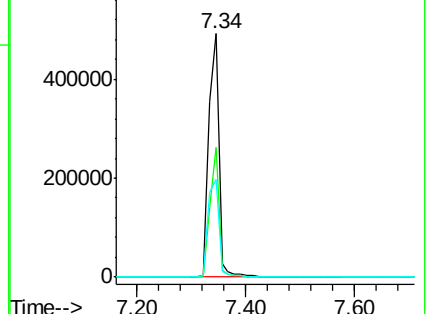
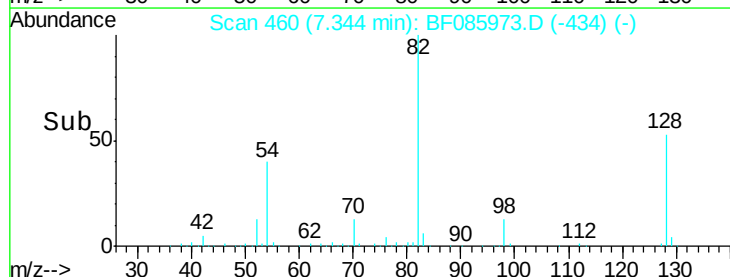
54 39.9 33.4 50.0

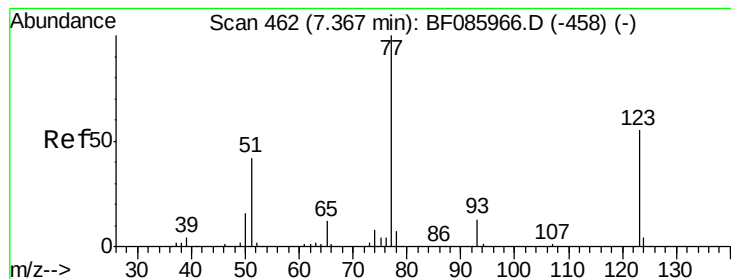


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.21 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampled :

PB89334BL

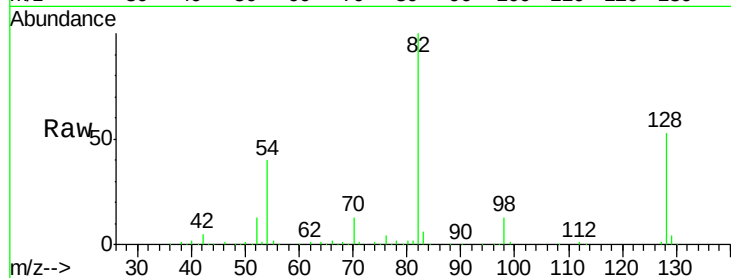
Tot Ion: 77 Resp: 1686

Ion Ratio Lower Upper

77 100

123 0.0 35.0 52.4#

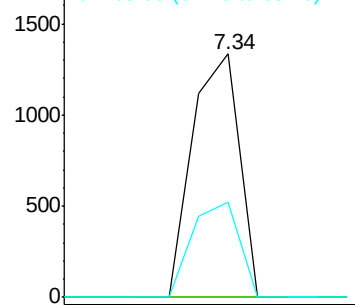
65 39.1 10.6 16.0#



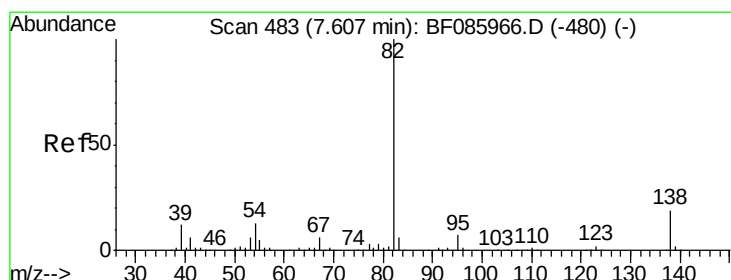
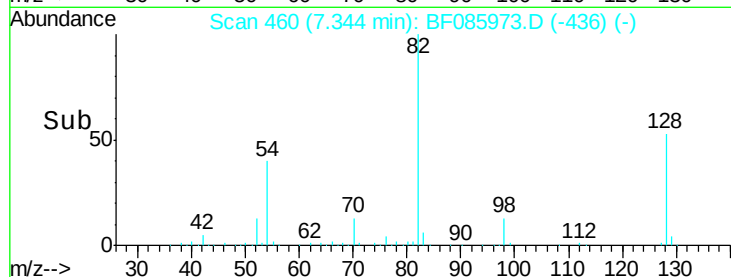
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#25

Isophorone

Concen: 43.96 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

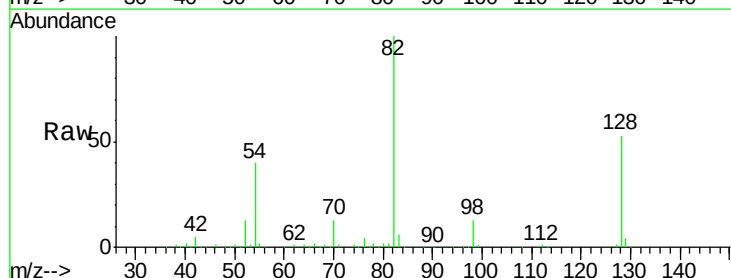
Tgt Ion: 82 Resp: 627560

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

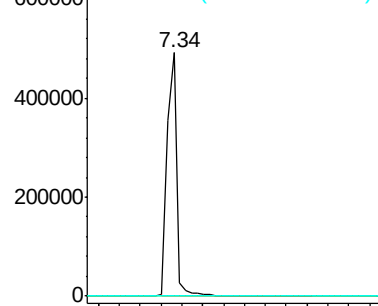
138 0.0 12.9 19.3#



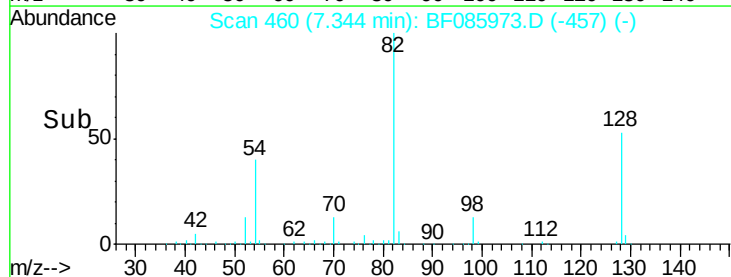
Abundance Ion 82.00 (81.70 to 82.70): BF0

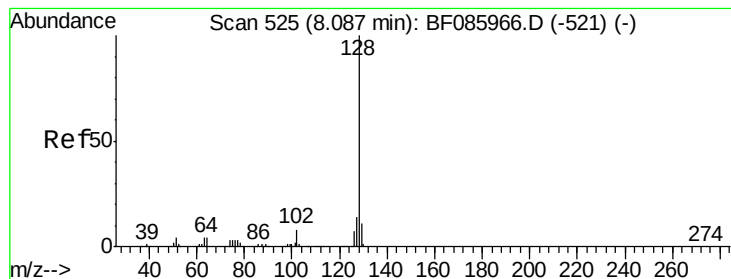
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



Time-->





#31

Naphthalene

Concen: 0.03 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.11 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampled :

PB89334BL

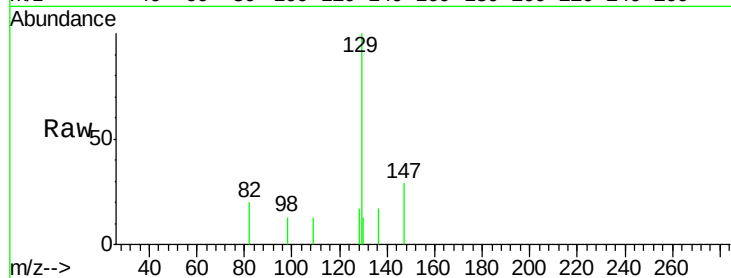
Tot Ion:128 Resp: 599

Ion Ratio Lower Upper

128 100

129 581.1 9.4 14.0#

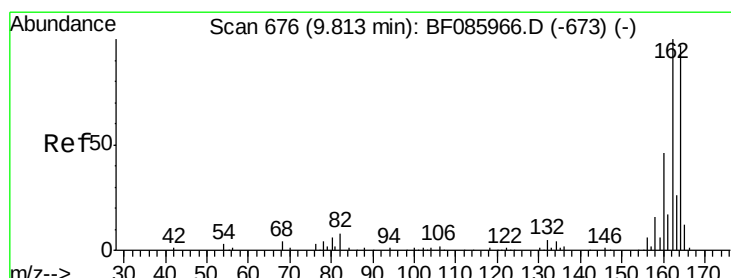
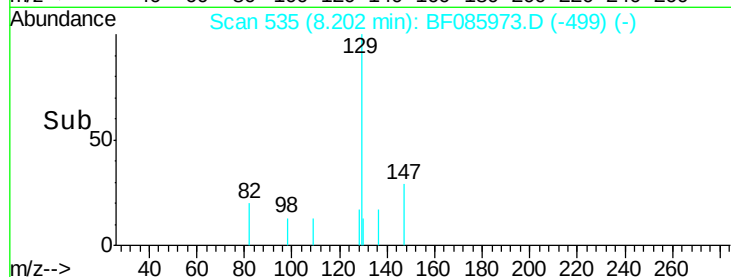
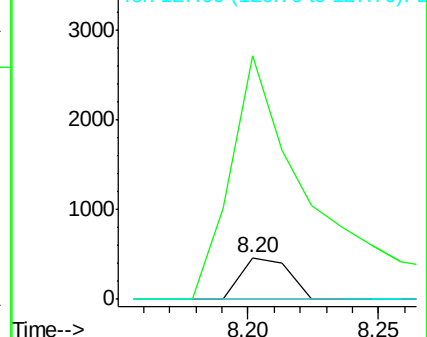
127 0.0 11.0 16.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

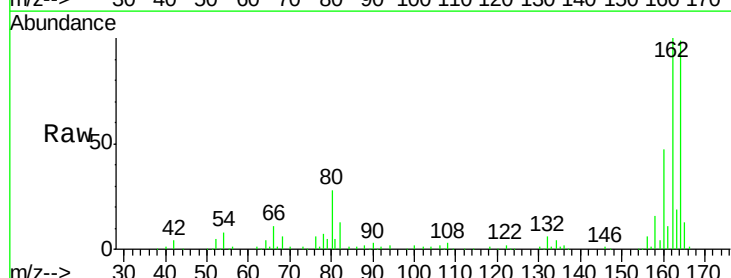
Tgt Ion:164 Resp: 192849

Ion Ratio Lower Upper

164 100

162 101.0 82.1 123.1

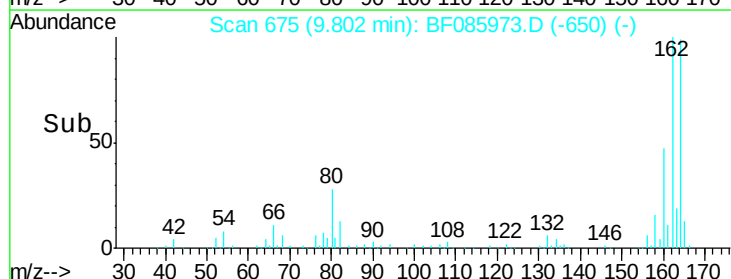
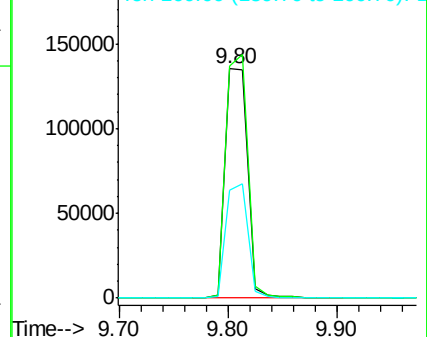
160 47.1 37.4 56.2

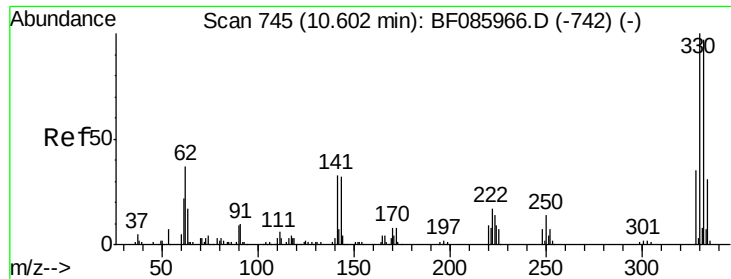


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

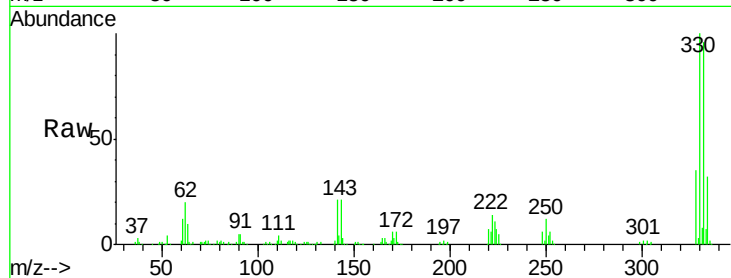




#41
 2,4,6-Tribromophenol
 Concen: 152.48 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085973.D
 Acq: 1 Apr 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89334BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.2	117.2
141	33.8	31.5	47.3

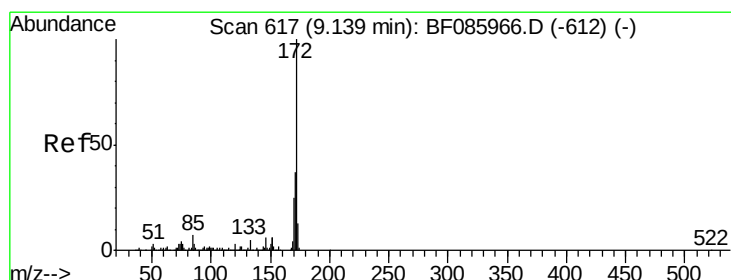
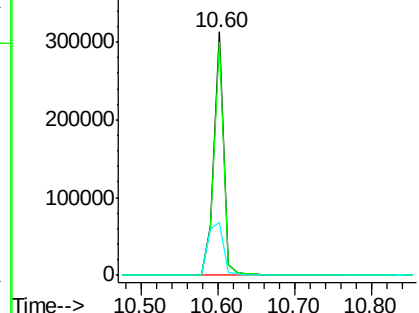
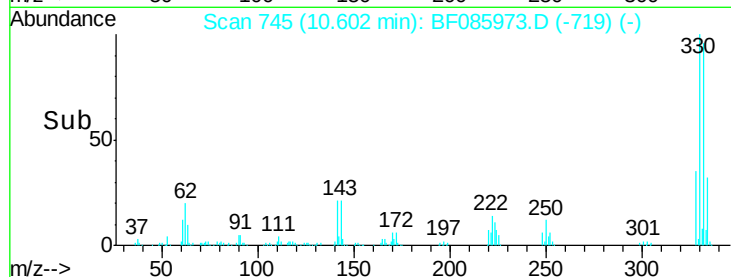


Abundance

Ion 329.80 (329.50 to 330.50): E

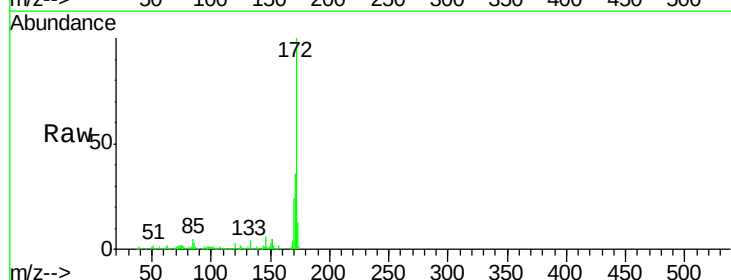
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.71 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085973.D
 Acq: 1 Apr 2016 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.2
170	23.9	19.8	29.6

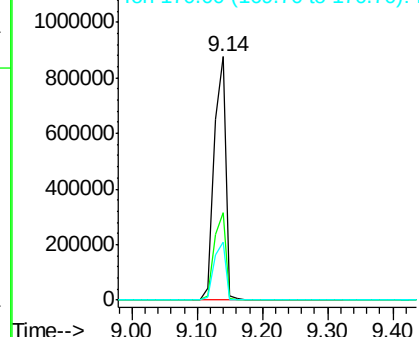
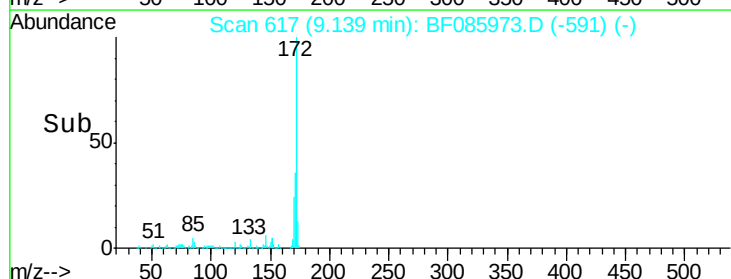


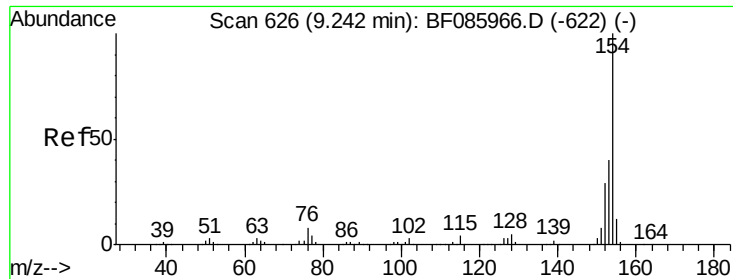
Abundance

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





#45

1,1'-Biphenyl

Concen: 0.13 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.10 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

PB89334BL

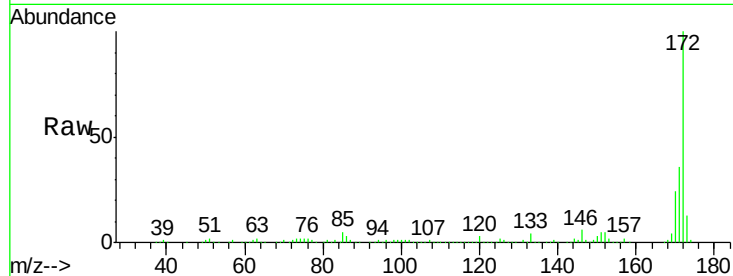
Tot Ion:154 Resp: 2199

Ion Ratio Lower Upper

154 100

153 934.3 20.8 60.8#

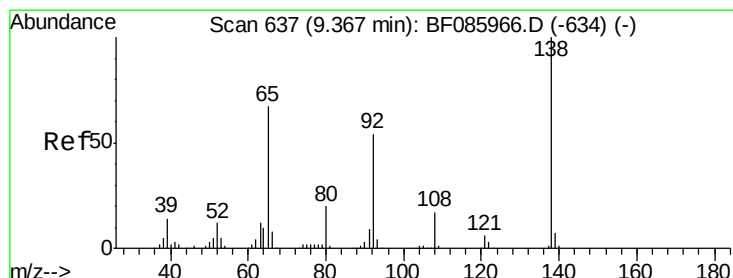
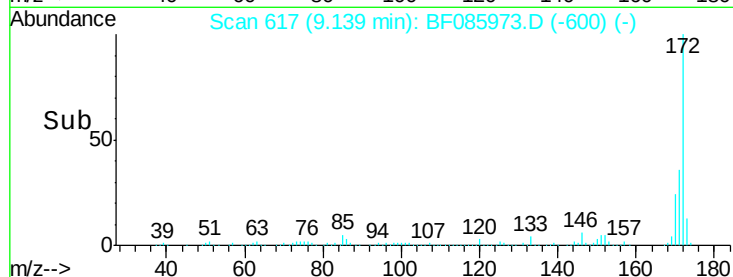
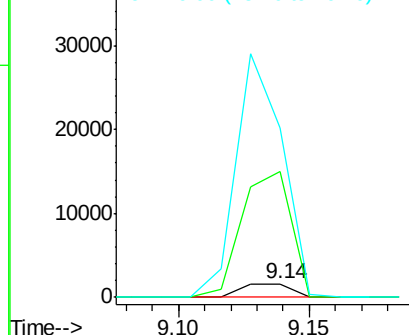
76 1254.1 0.0 36.7#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 0.41 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.24 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

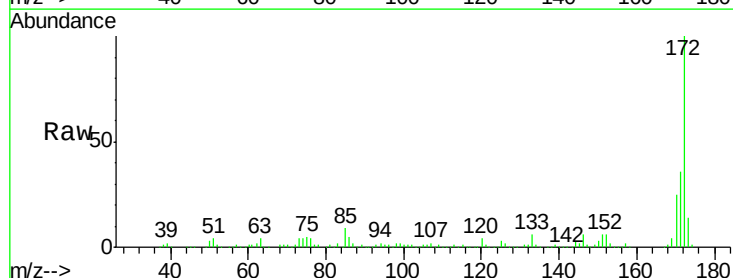
Tgt Ion: 65 Resp: 1441

Ion Ratio Lower Upper

65 100

92 219.4 59.7 89.5#

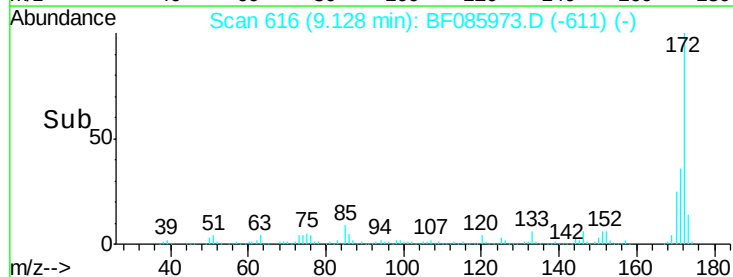
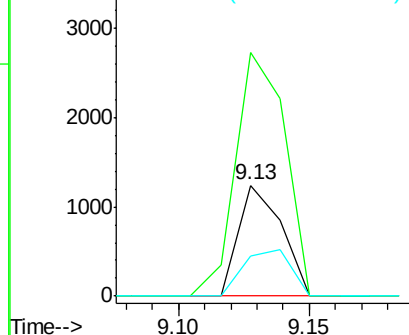
138 36.2 91.4 137.0#

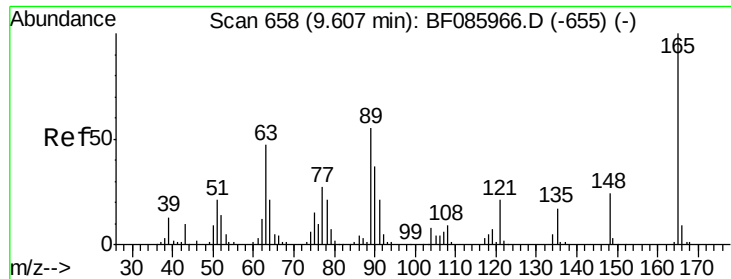


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

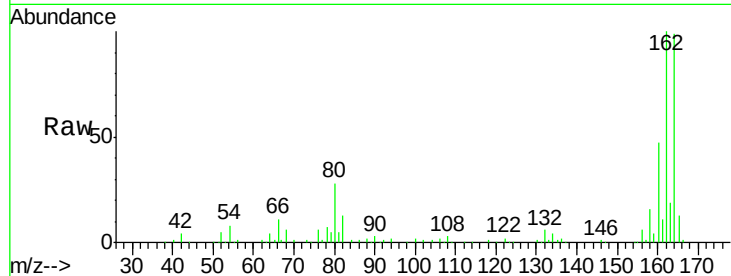




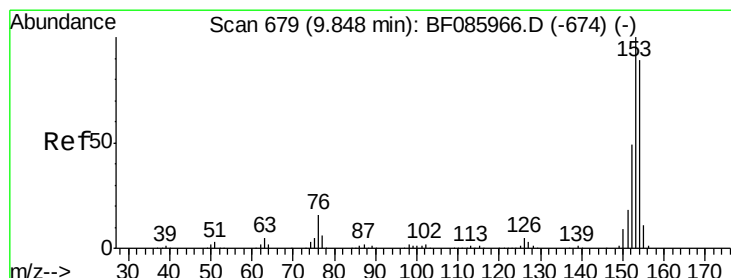
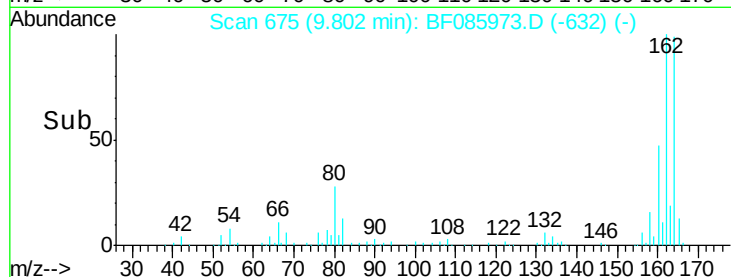
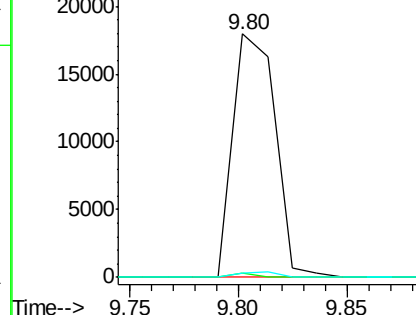
#50
 2,6-Dinitrotoluene
 Concen: 8.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF085973.D
 Acq: 1 Apr 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89334BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.8	77.8#
89	1.9	53.7	80.5#

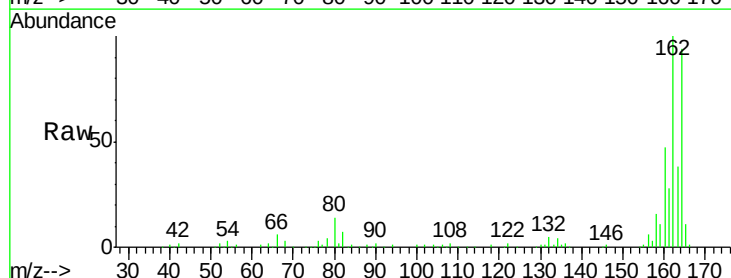


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

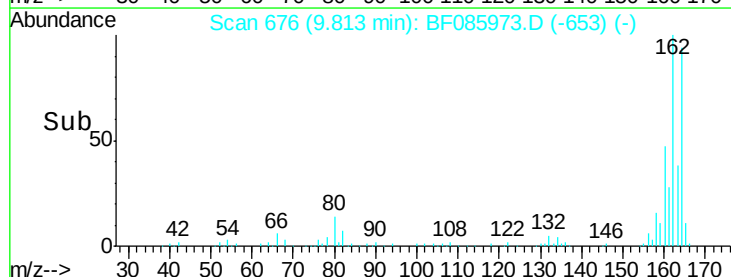
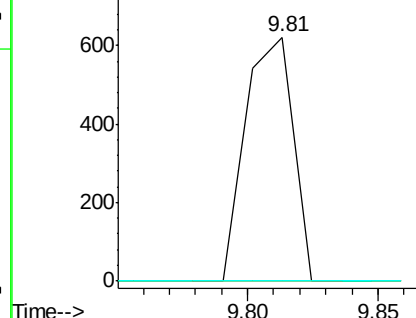


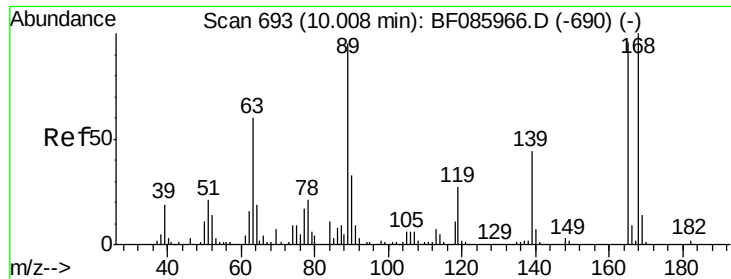
#51
 Acenaphthene
 Concen: 0.07 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.03 min
 Lab File: BF085973.D
 Acq: 1 Apr 2016 20:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	44.2	66.2#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#56

2,4-Dinitrotoluene

Concen: 6.33 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

PB89334BL

Tot Ion:165 Resp: 24203

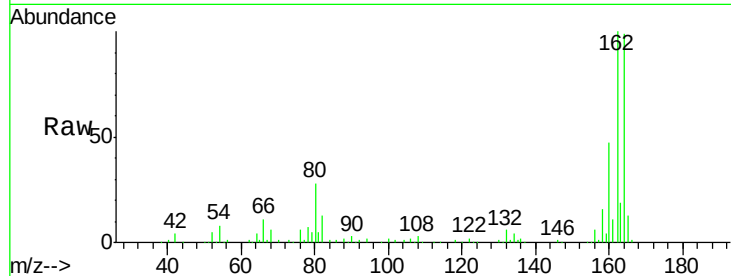
Ion Ratio Lower Upper

165 100

63 1.9 24.9 37.3#

89 1.9 41.0 61.6#

182 0.0 2.1 3.1#

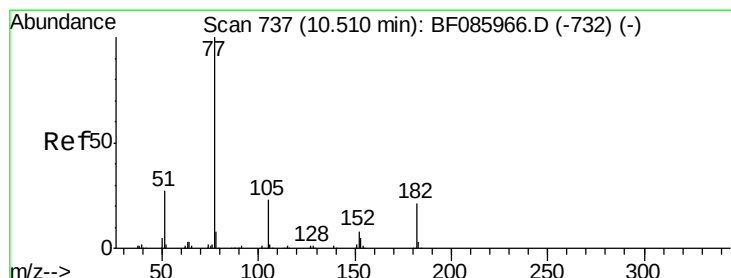
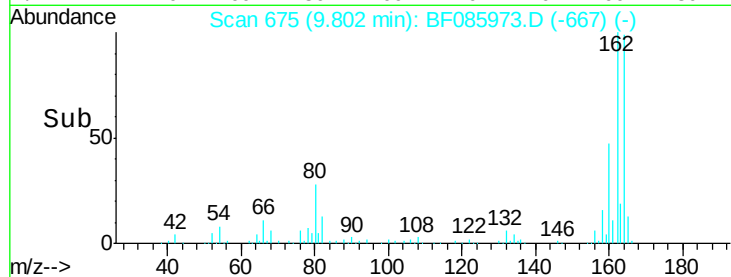
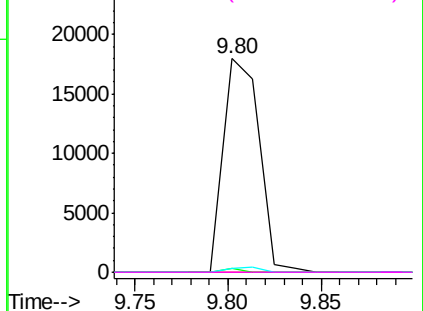


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#62

Azobenzene

Concen: 0.09 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.08 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Tgt Ion: 77 Resp: 1241

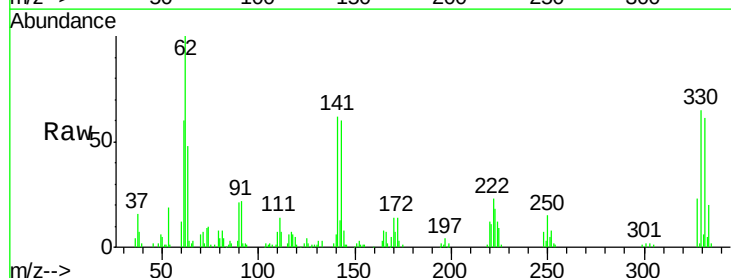
Ion Ratio Lower Upper

77 100

182 0.0 1.9 41.9#

105 104.8 3.5 43.5#

51 81.4 6.3 46.3#

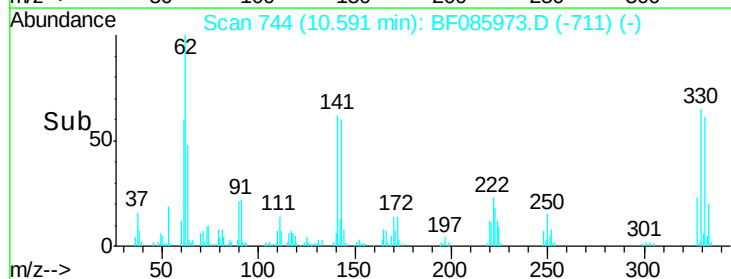
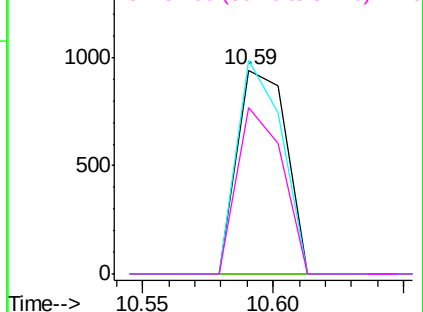


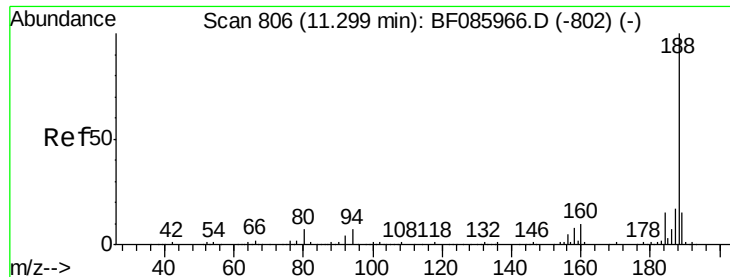
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

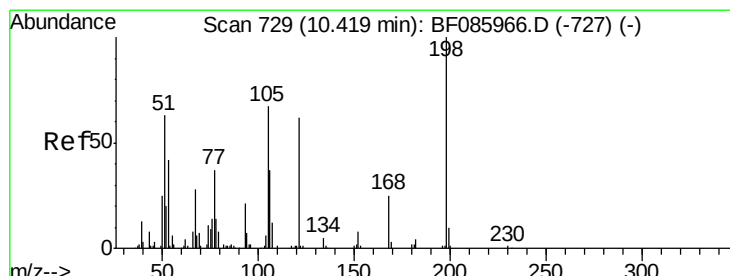
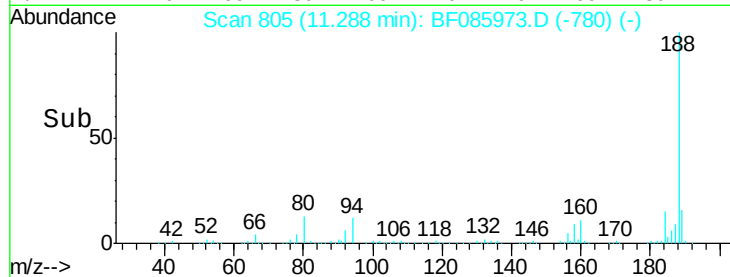
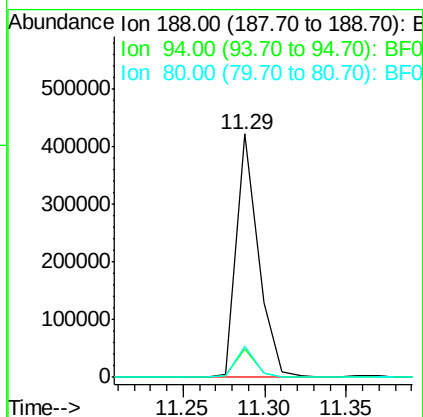
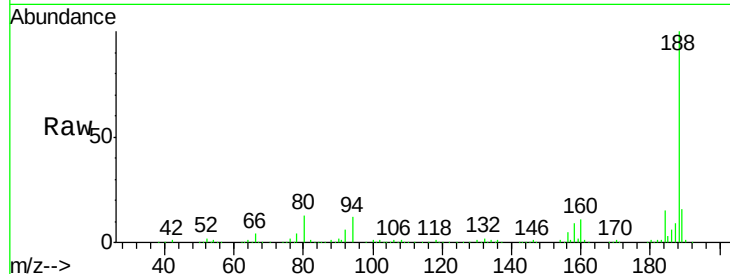




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF085973.D
 Acq: 1 Apr 2016 20:46

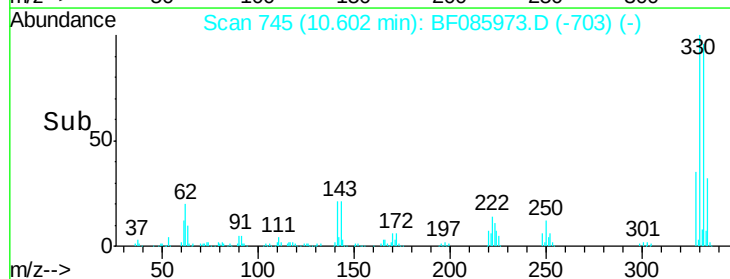
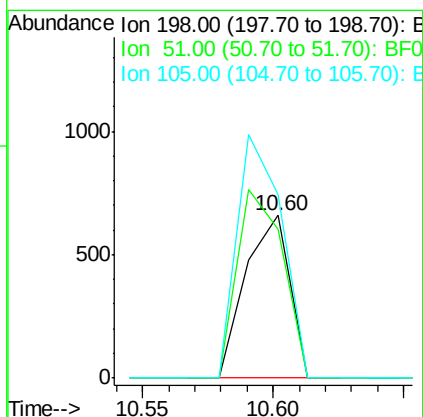
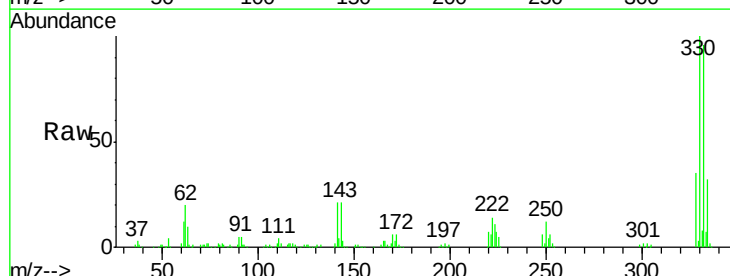
Instrument :
 BNA_F
 ClientSampled :
 PB89334BL

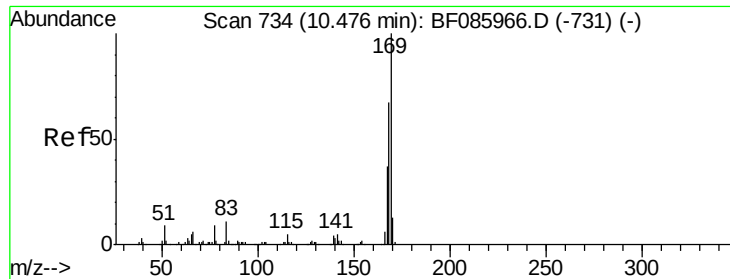
Tot Ion:188 Resp: 393725
 Ion Ratio Lower Upper
 188 100
 94 11.9 5.4 8.0#
 80 12.9 5.5 8.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.33 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.18 min
 Lab File: BF085973.D
 Acq: 1 Apr 2016 20:46

Tgt Ion:198 Resp: 781
 Ion Ratio Lower Upper
 198 100
 51 91.4 45.4 85.4#
 105 113.1 45.9 85.9#

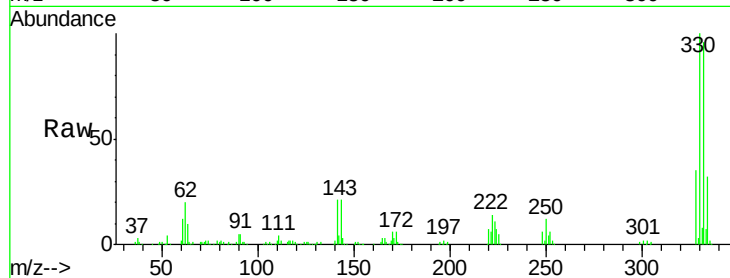




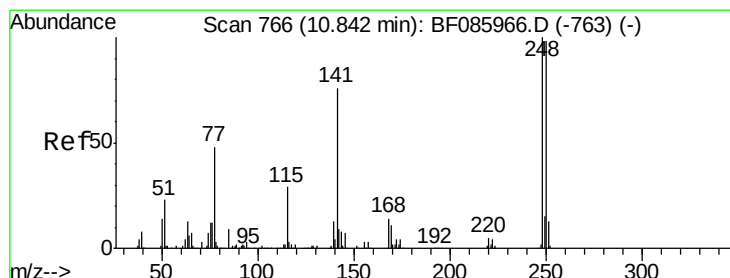
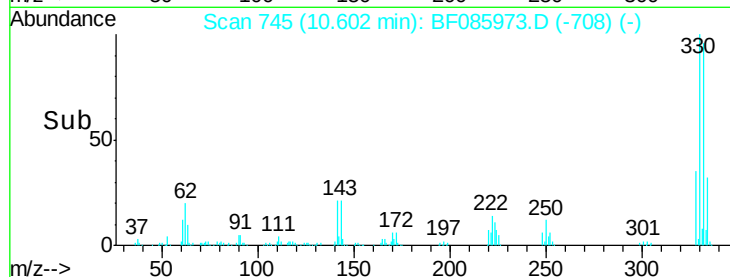
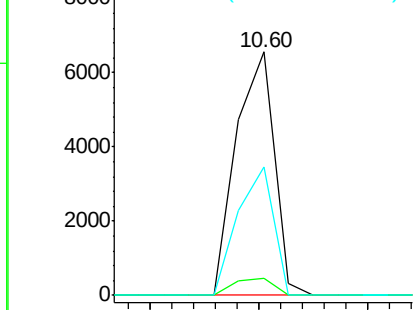
#65
n-Nitrosodiphenylamine
Concen: 0.65 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.13 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tot Ion:169 Resp: 7975
Ion Ratio Lower Upper
169 100
168 7.2 54.4 81.6#
167 52.7 29.4 44.0#

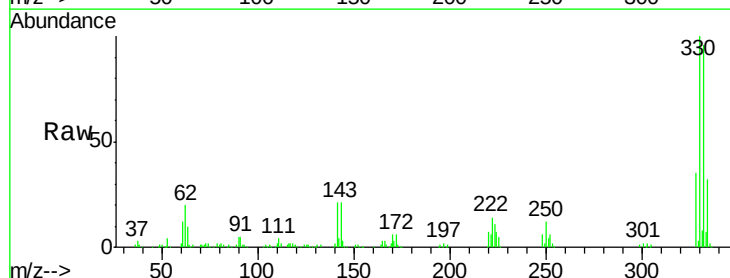


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

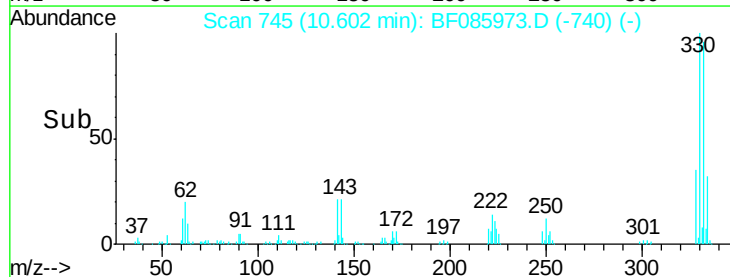
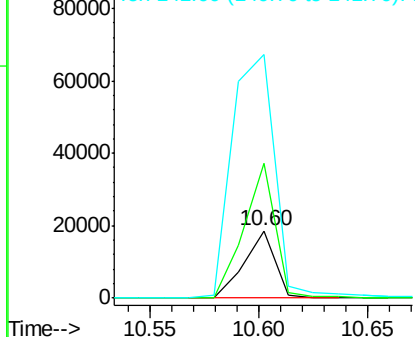


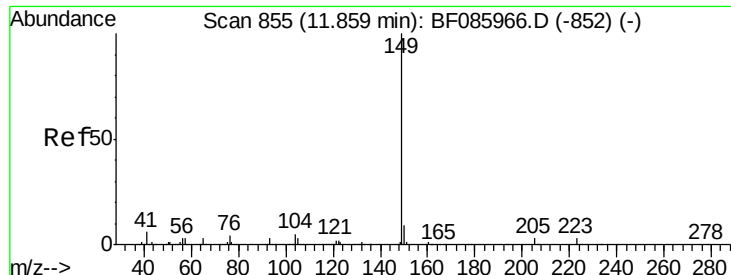
#66
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion:248 Resp: 18226
Ion Ratio Lower Upper
248 100
250 199.1 77.4 116.0#
141 361.3 63.6 95.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 0.03 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

PB89334BL

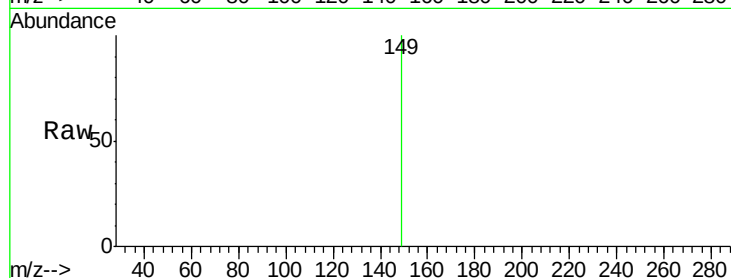
Tot Ion:149 Resp: 602

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

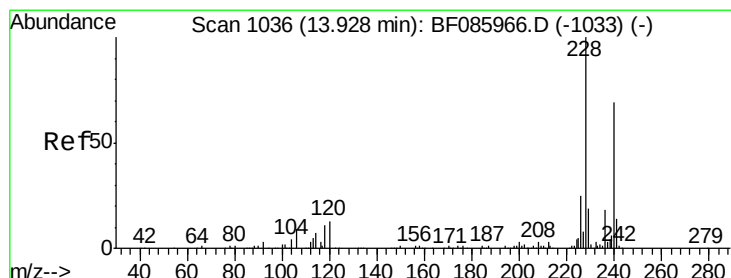
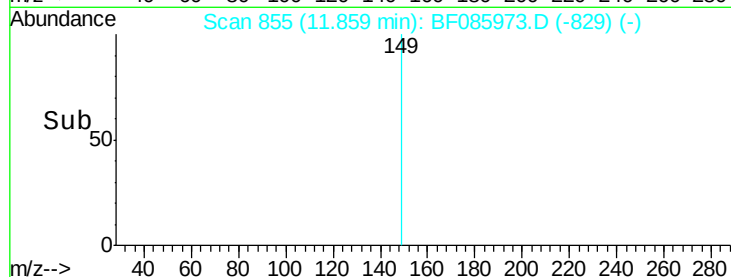
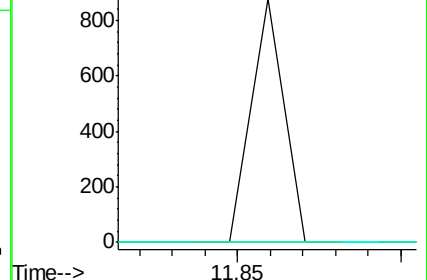
104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

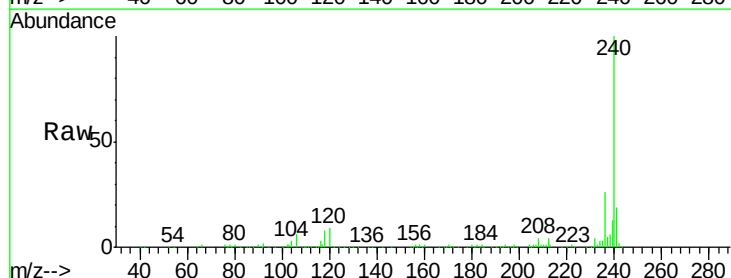
Tgt Ion:240 Resp: 356176

Ion Ratio Lower Upper

240 100

120 9.4 13.8 20.8#

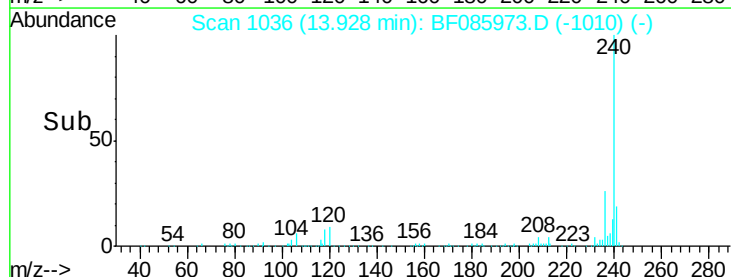
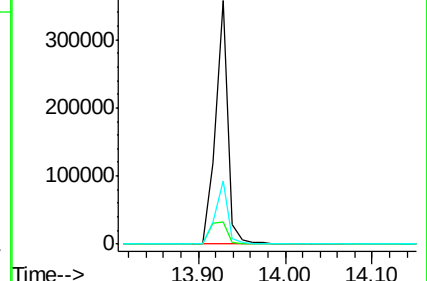
236 25.9 20.6 30.8

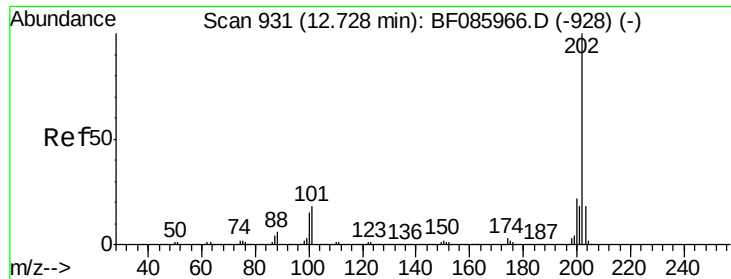


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 0.15 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.15 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampled :

PB89334BL

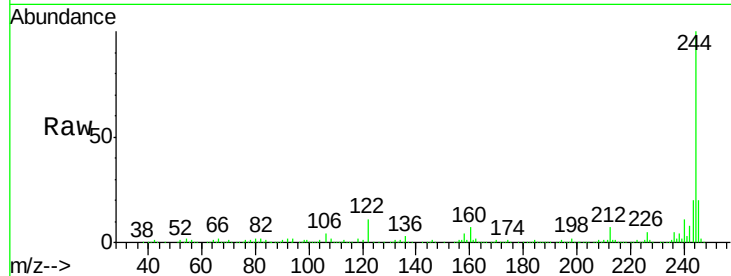
Tot Ion:202 Resp: 3679

Ion Ratio Lower Upper

202 100

200 50.8 17.6 26.4#

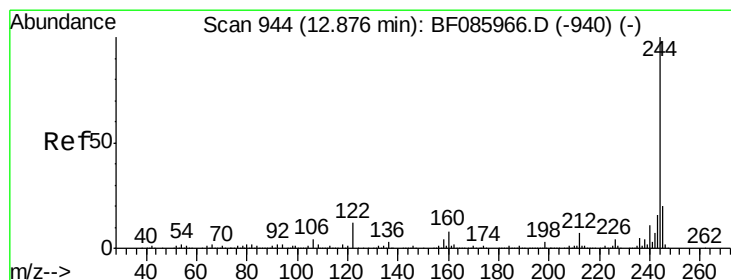
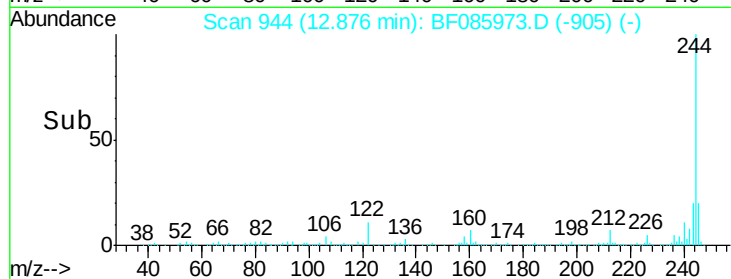
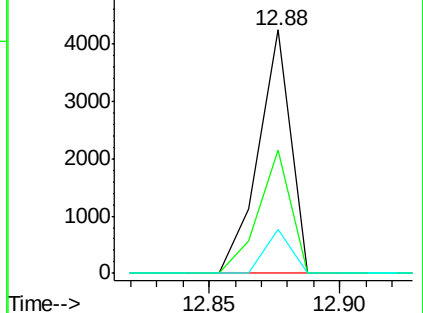
203 17.8 14.0 21.0



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: 70.21 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

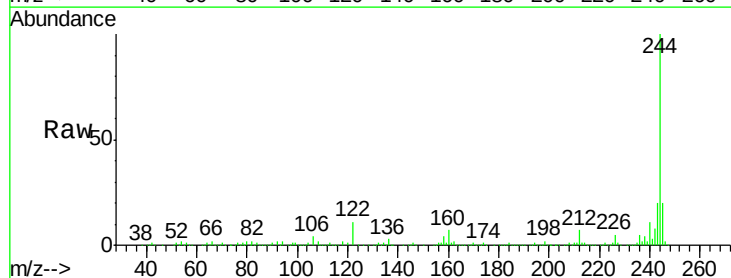
Tgt Ion:244 Resp: 1063852

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

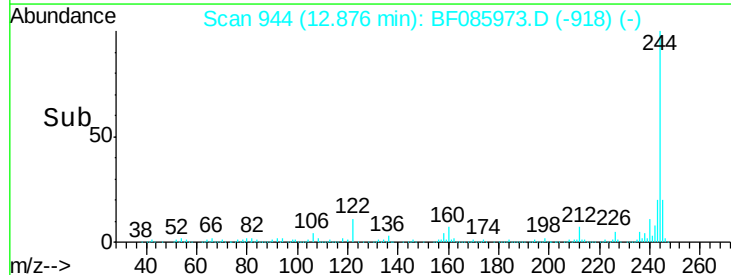
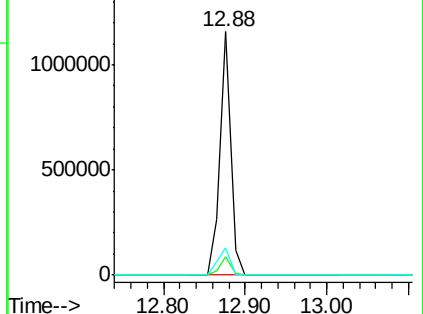
122 11.3 10.2 15.4

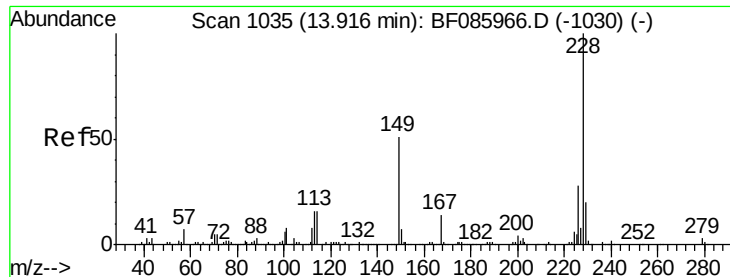


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampled :

PB89334BL

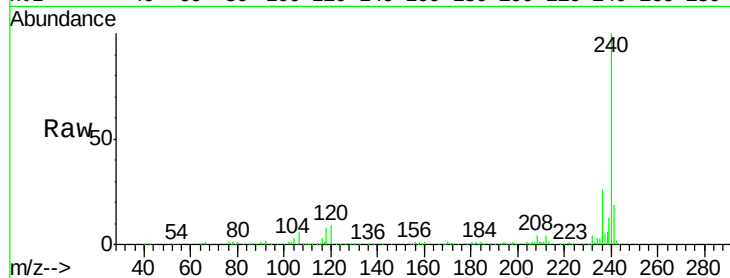
Tot Ion:228 Resp: 840

Ion Ratio Lower Upper

228 100

226 0.0 22.1 33.1#

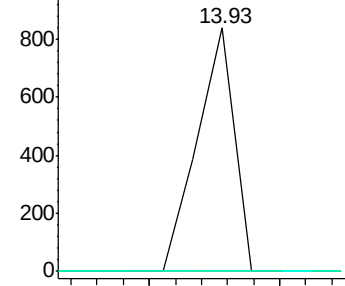
229 0.0 16.2 24.4#



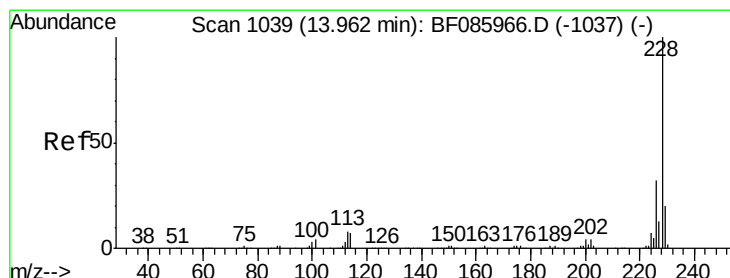
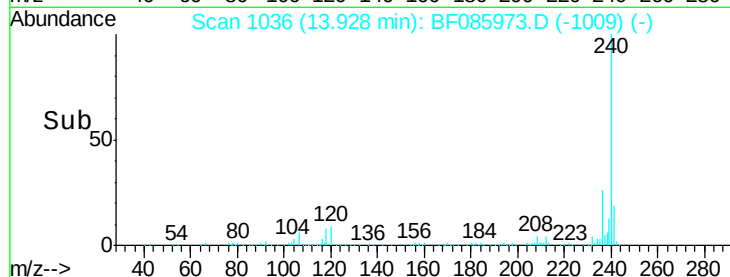
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

Chrysene

Concen: 0.04 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

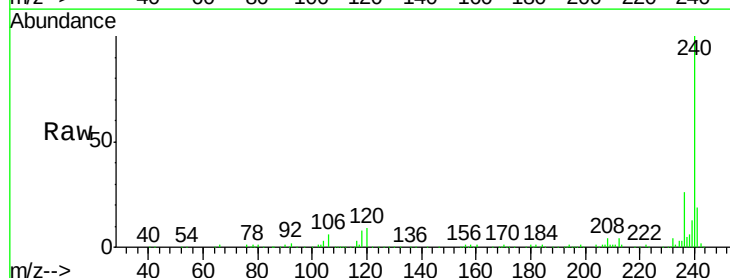
Tgt Ion:228 Resp: 840

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

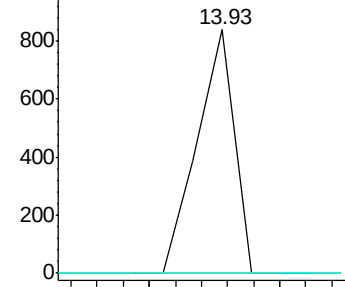
229 0.0 15.7 23.5#



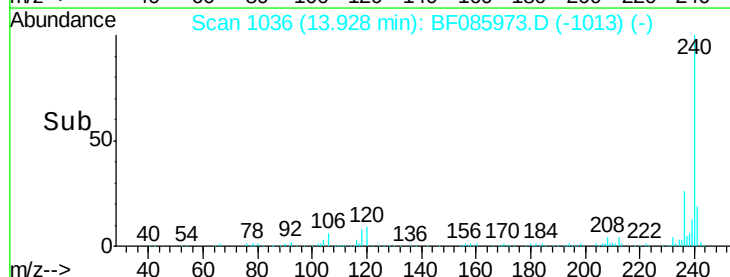
Abundance Ion 228.00 (227.70 to 228.70): E

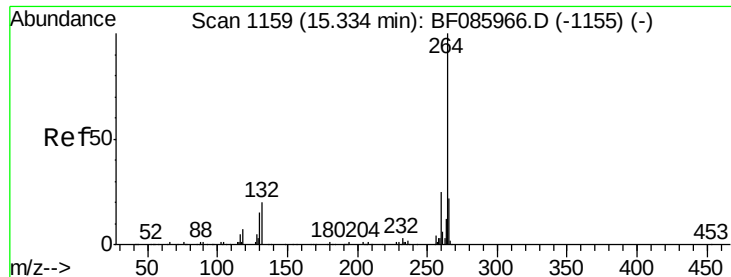
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

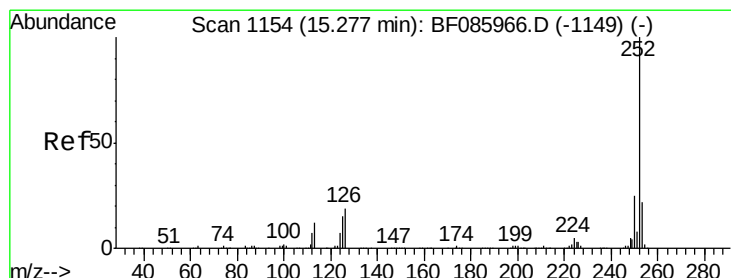
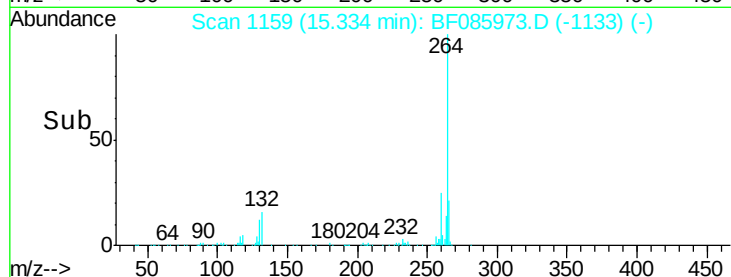
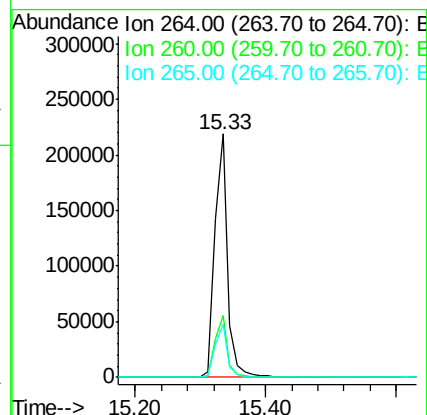
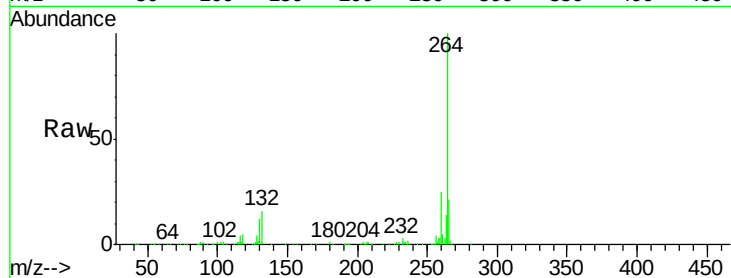




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampled :
PB89334BL

Tot Ion:264 Resp: 300281
Ion Ratio Lower Upper
264 100
260 25.3 19.4 29.2
265 21.5 17.2 25.8



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.06 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion:252 Resp: 789
Ion Ratio Lower Upper
252 100
253 44.3 17.4 26.0#
125 0.0 10.3 15.5#

