

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082774.D
 Acq On : 6 Nov 2015 21:25
 Operator : UM/IZ
 Sample : PB86454BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BL

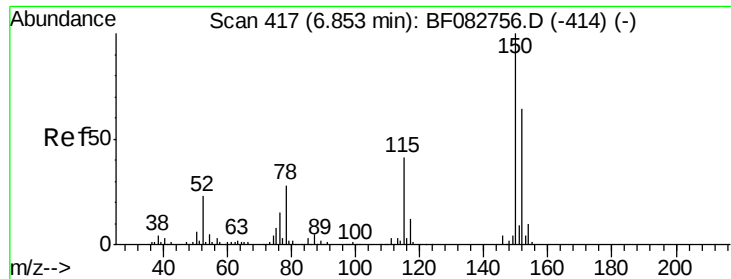
Quant Time: Nov 07 03:09:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	249520	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	985827	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	497481	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	976923	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	902936	20.00	ng	-0.02
86) Perylene-d12	15.43	264	638875	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1466339	91.44	ng	0.01
7) Phenol-d6	6.48	99	1666620	78.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	1178589	52.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	432332	75.79	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1950233	56.19	ng	-0.01
78) Terphenyl-d14	12.96	244	1924086	50.54	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	741	0.11	ng	# 20
4) n-Nitrosodimethylamine	3.15	42	220	0.02	ng	# 1
6) Aniline	6.61	93	1830	0.06	ng	# 1
8) 2-Chlorophenol	6.62	128	682	0.04	ng	# 1
9) Benzaldehyde	6.61	77	34254	2.91	ng	84
10) Phenol	6.61	94	2966	0.12	ng	# 1
11) bis(2-Chloroethyl)ether	6.61	93	1830	0.10	ng	# 1
15) Benzyl Alcohol	7.00	79	18856	1.01	ng	# 54
19) n-Nitroso-di-n-propylamine	7.40	70	152528	9.73	ng	# 70
24) Nitrobenzene	7.40	77	3314	0.14	ng	# 32
25) Isophorone	7.40	82	1056523	25.20	ng	# 69
31) Naphthalene	8.16	128	214	0.00	ng	# 67
45) 1,1'-Biphenyl	9.21	154	3697	0.09	ng	# 1
47) 2-Nitroaniline	9.21	65	3819	0.31	ng	# 1
50) 2,6-Dinitrotoluene	9.88	165	63255	7.27	ng	# 17
51) Acenaphthene	9.88	154	1811	0.05	ng	# 4
56) 2,4-Dinitrotoluene	9.88	165	63259	5.36	ng	# 15
57) Fluorene	10.67	166	19725	0.55	ng	# 89
59) Diethylphthalate	10.30	149	669	0.02	ng	# 59
62) Azobenzene	10.67	77	2345	0.05	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.67	198	816	0.12	ng	# 1
65) n-Nitrosodiphenylamine	10.67	169	14088	0.40	ng	# 49
66) 4-Bromophenyl-phenylether	10.67	248	29252	2.49	ng	# 1
70) Phenanthrene	11.37	178	371	0.01	ng	# 1
71) Anthracene	11.37	178	371	0.01	ng	# 1
73) Di-n-butylphthalate	11.94	149	1498	0.02	ng	# 76
77) Pyrene	12.96	202	6269	0.10	ng	# 59
80) Benzo(a)anthracene	14.00	228	2448	0.04	ng	# 63
82) Chrysene	14.00	228	2448	0.05	ng	# 60
89) Benzo(a)pyrene	15.43	252	2048	0.06	ng	# 52

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

PB86454BL

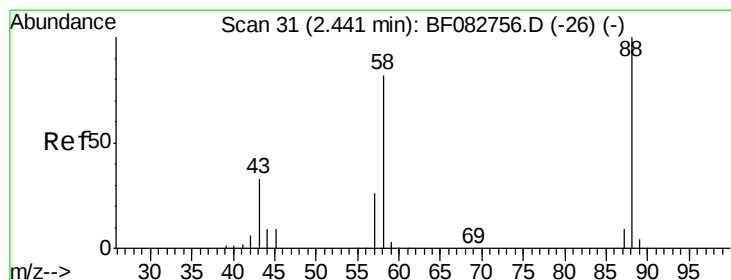
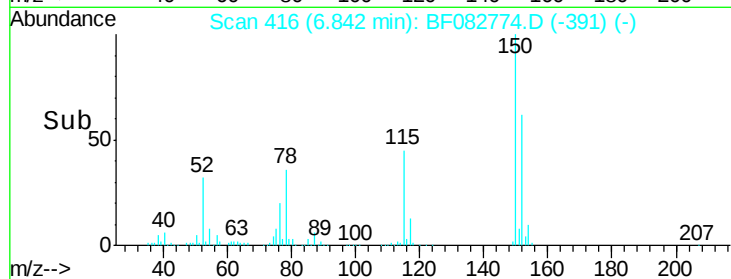
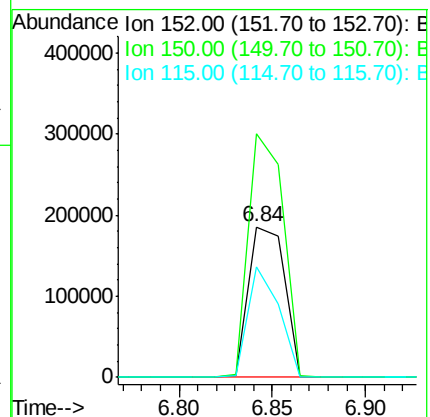
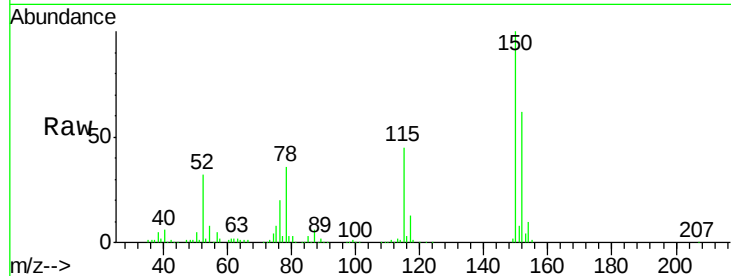
Tgt Ion:152 Resp: 249520

Ion Ratio Lower Upper

152 100

150 161.5 127.0 190.4

115 73.2 47.0 70.6#



#2

1,4-Dioxane

Concen: 0.11 ng

RT: 2.42 min Scan# 29

Delta R.T. -0.02 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

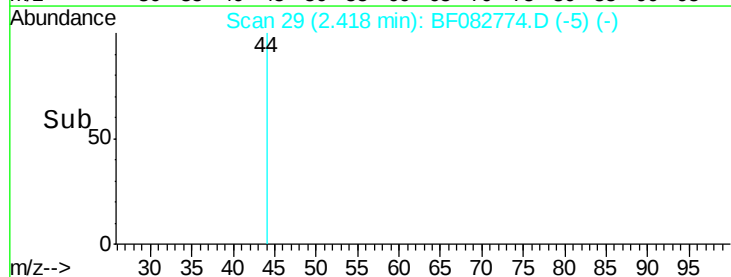
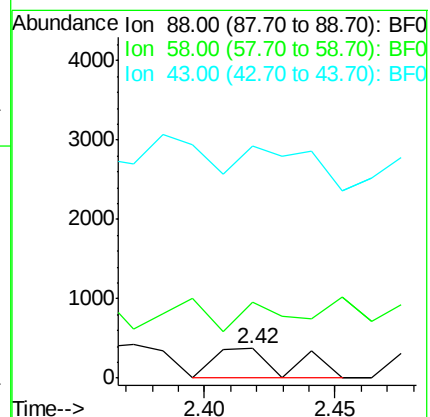
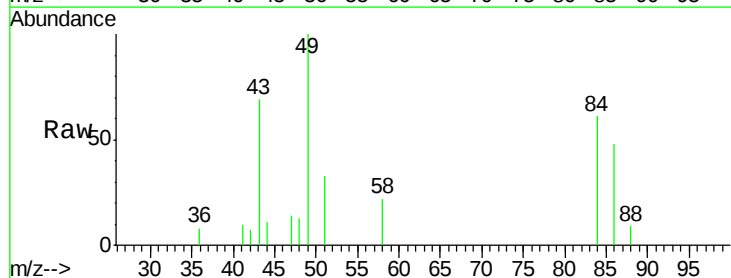
Tgt Ion: 88 Resp: 741

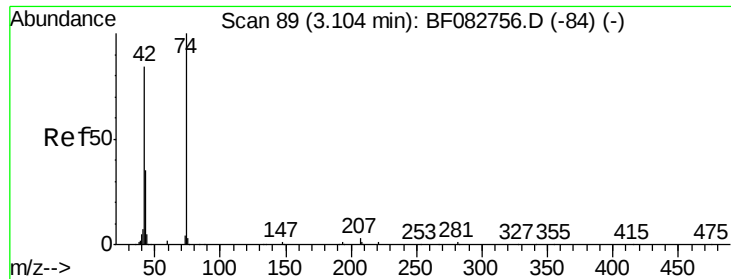
Ion Ratio Lower Upper

88 100

58 0.0 62.0 93.0#

43 0.0 26.6 40.0#





#4

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.06 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

PB86454BL

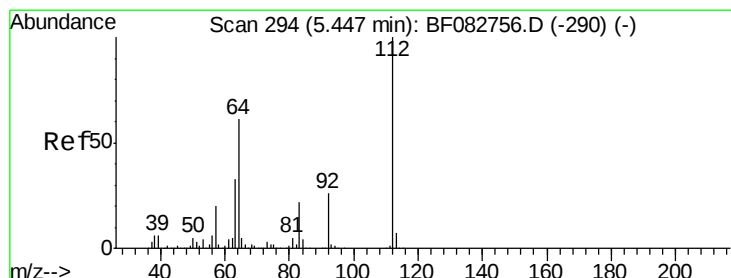
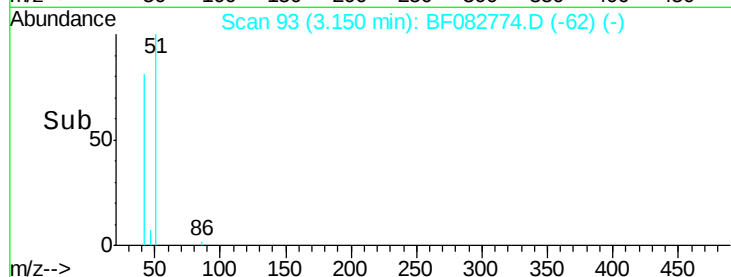
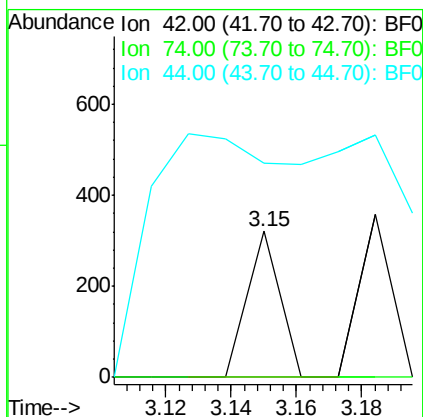
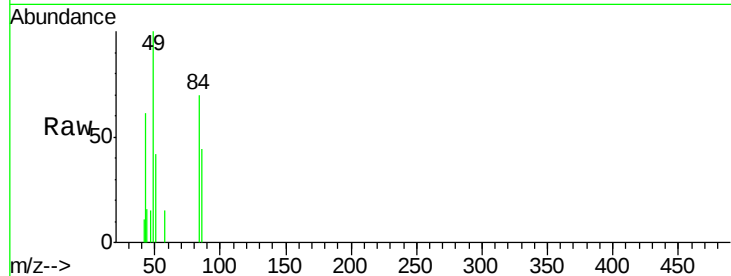
Tgt Ion: 42 Resp: 220

Ion Ratio Lower Upper

42 100

74 0.0 87.0 130.4#

44 146.7 5.8 8.8#



#5

2-Fluorophenol

Concen: 91.44 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

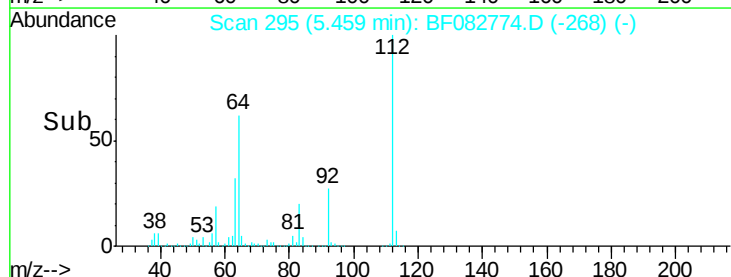
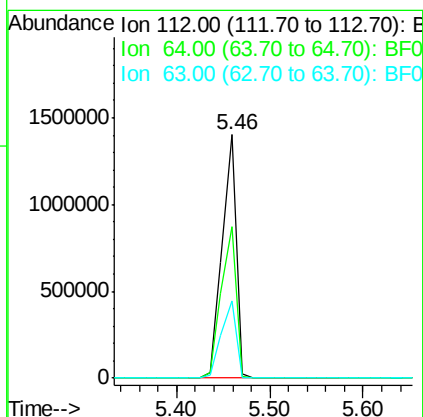
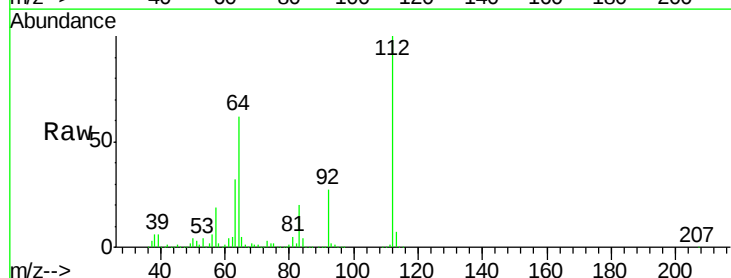
Tgt Ion: 112 Resp: 1466339

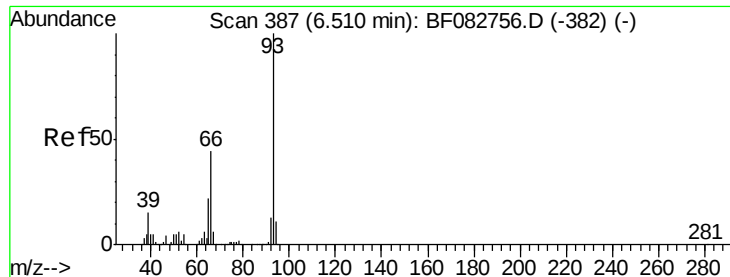
Ion Ratio Lower Upper

112 100

64 62.3 48.9 73.3

63 31.8 28.1 42.1





#6

Aniline

Concen: 0.06 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.10 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

PB86454BL

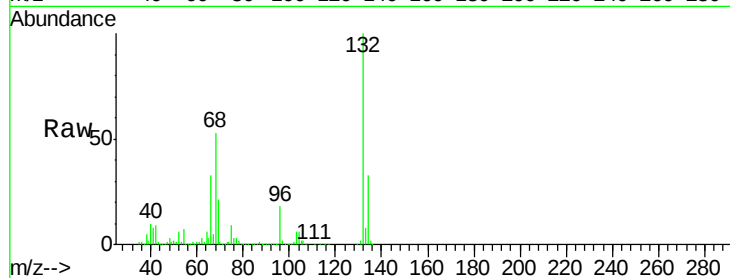
Tgt Ion: 93 Resp: 1830

Ion Ratio Lower Upper

93 100

66 19812.3 33.6 50.4#

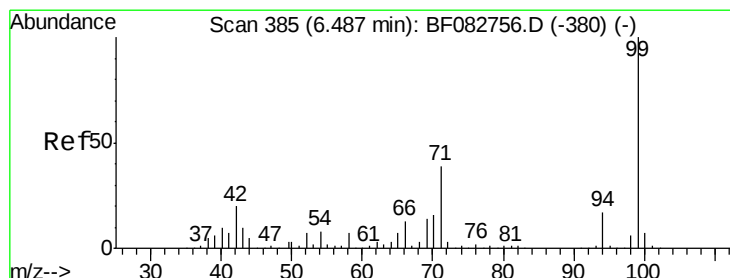
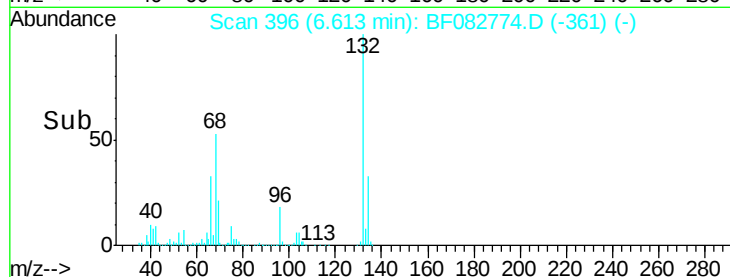
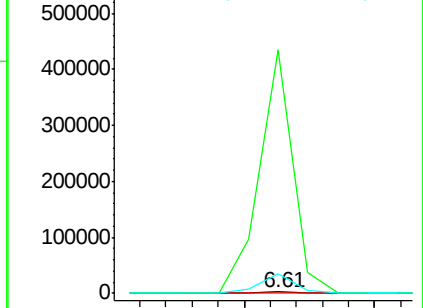
65 1589.4 18.1 27.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 78.17 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

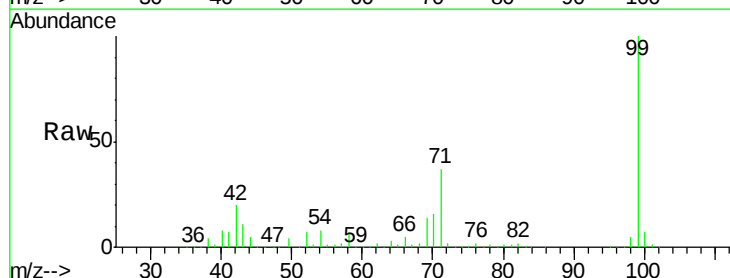
Tgt Ion: 99 Resp: 1666620

Ion Ratio Lower Upper

99 100

42 19.9 19.2 28.8

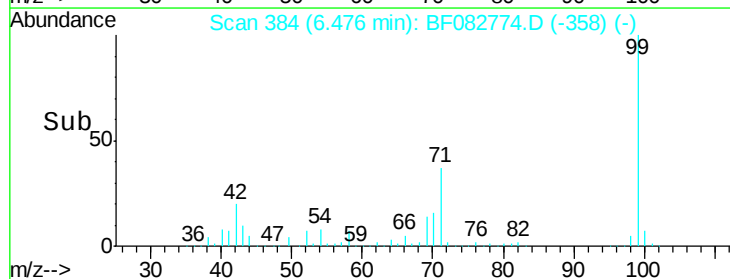
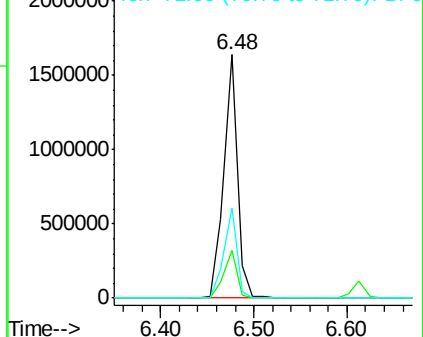
71 36.9 35.0 52.4

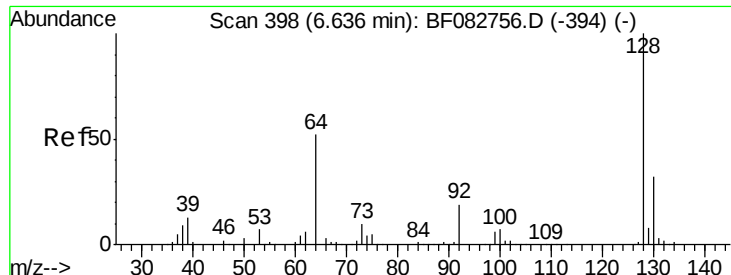


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.04 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

PB86454BL

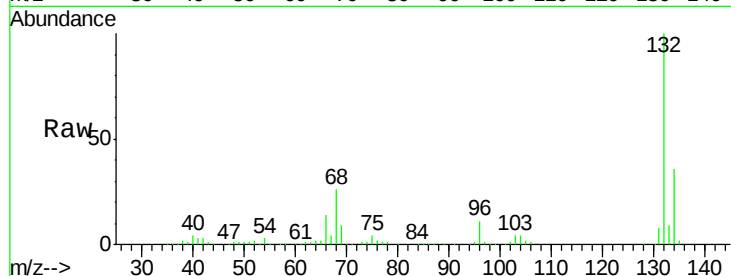
Tgt Ion:128 Resp: 682

Ion Ratio Lower Upper

128 100

130 108.5 13.5 53.5#

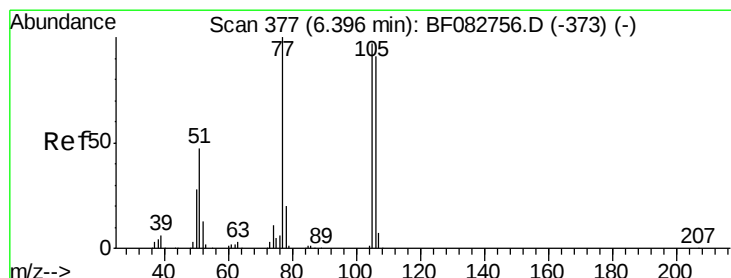
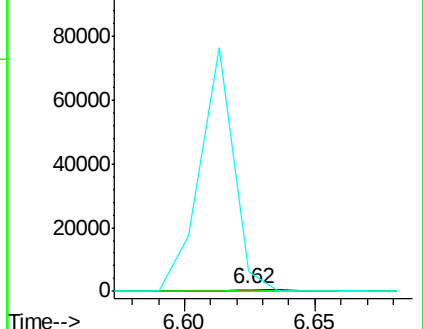
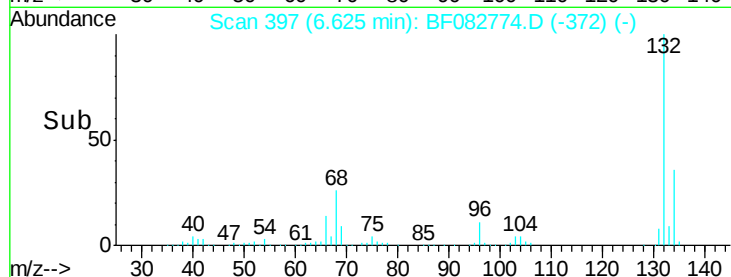
64 1064.8 21.1 61.1#



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: 2.91 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

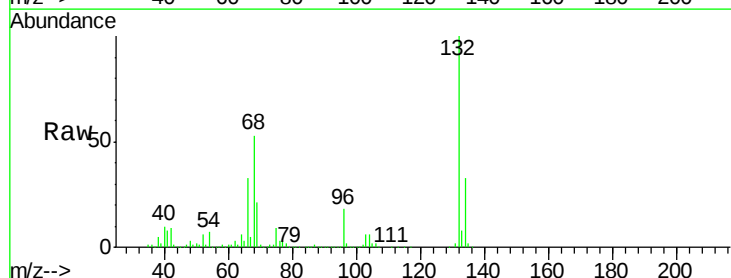
Tgt Ion: 77 Resp: 34254

Ion Ratio Lower Upper

77 100

105 71.6 63.5 103.5

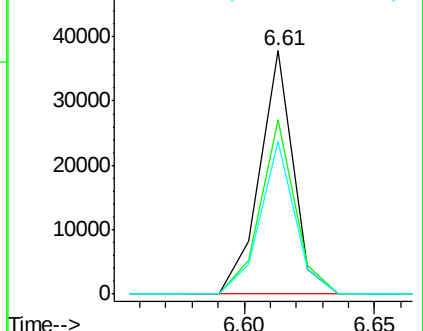
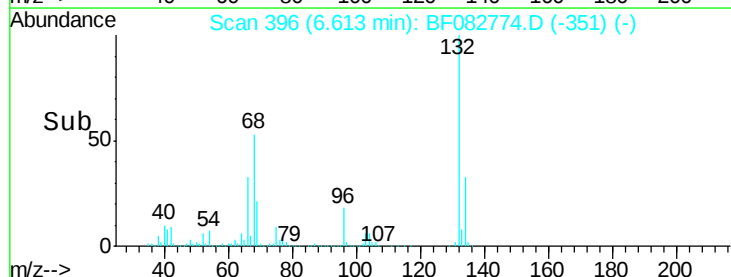
106 62.7 59.3 99.3

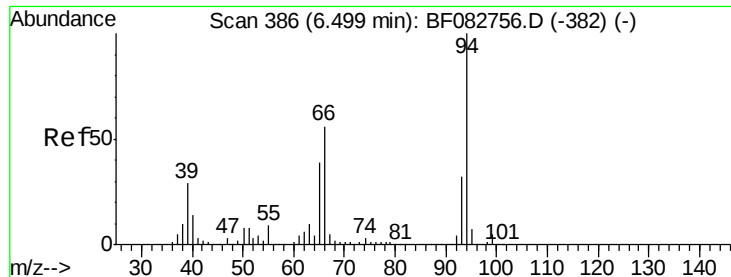


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.12 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.13 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

PB86454BL

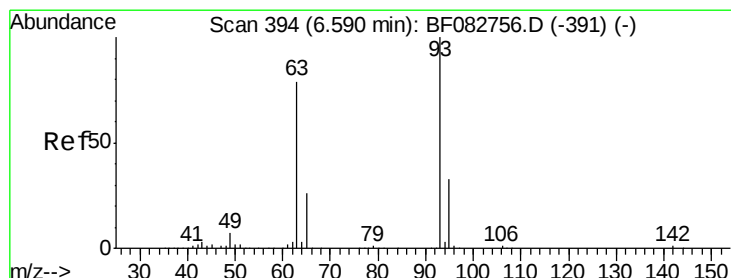
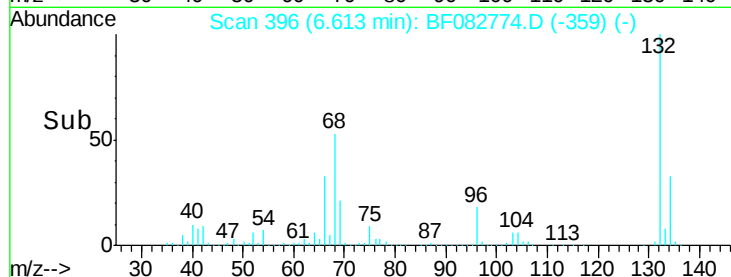
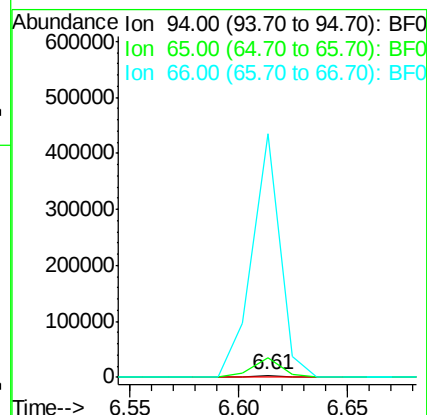
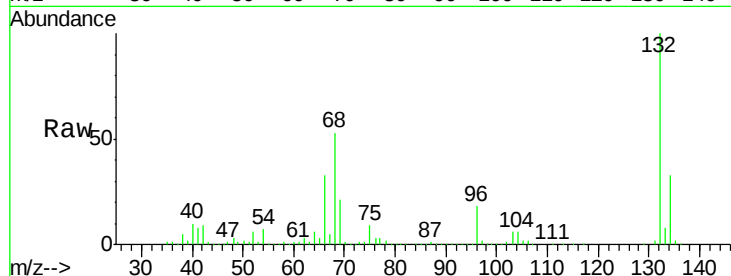
Tgt Ion: 94 Resp: 2966

Ion Ratio Lower Upper

94 100

65 1110.0 18.9 58.9#

66 13836.5 34.9 74.9#



#11

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

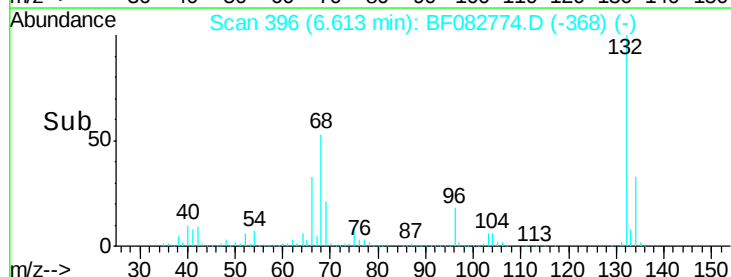
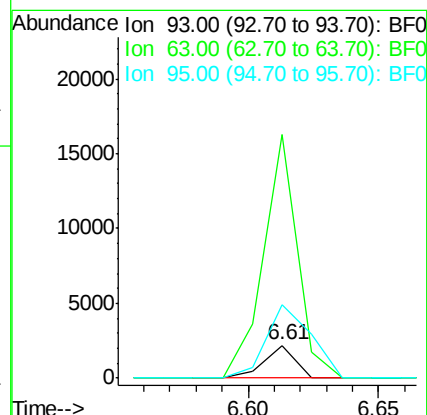
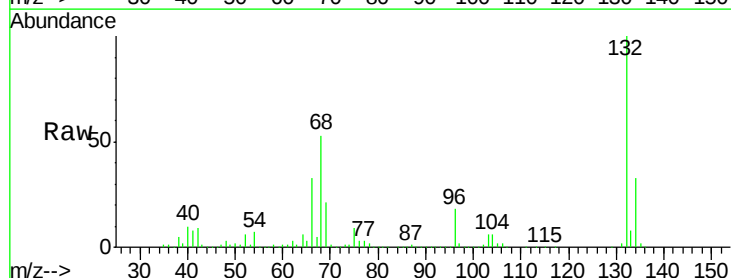
Tgt Ion: 93 Resp: 1830

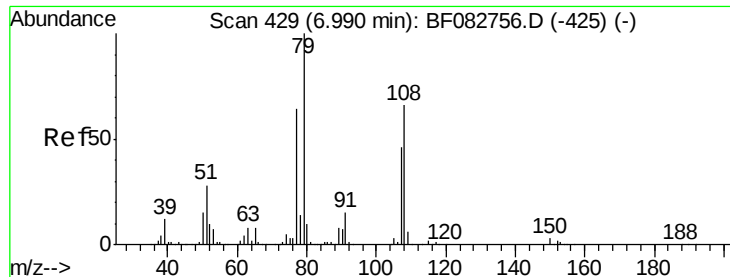
Ion Ratio Lower Upper

93 100

63 741.5 72.7 112.7#

95 223.0 12.0 52.0#





#15

Benzyl Alcohol

Concen: 1.01 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

BNA_F

ClientSampled :

PB86454BL

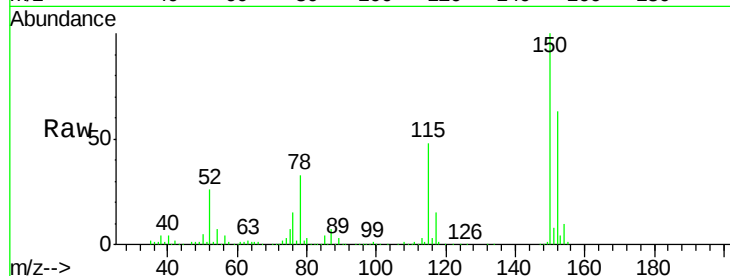
Tgt Ion: 79 Resp: 18856

Ion Ratio Lower Upper

79 100

108 25.5 52.2 78.4#

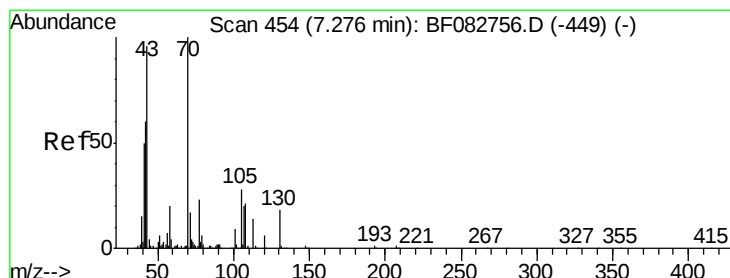
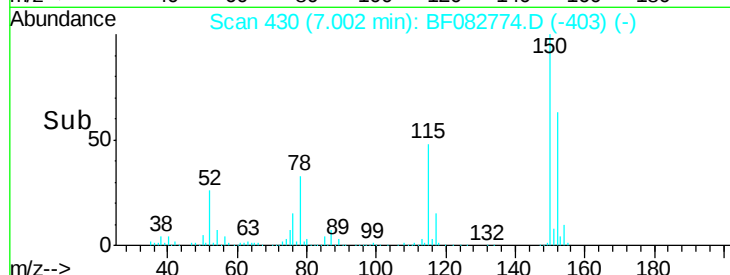
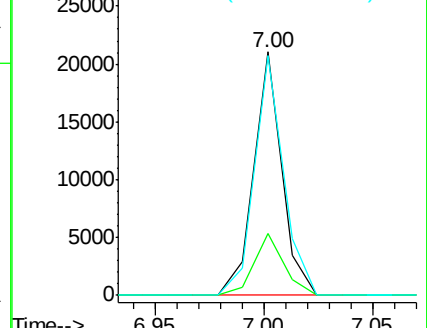
77 98.6 52.7 79.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 9.73 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.14 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Tgt Ion: 70 Resp: 152528

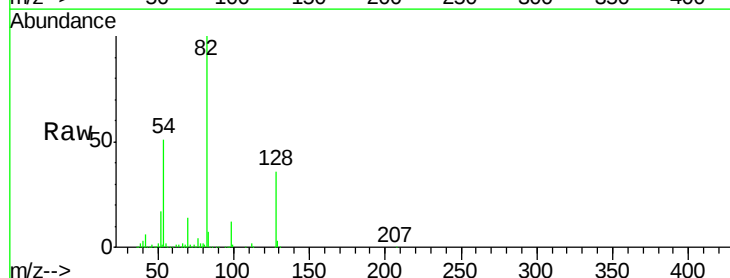
Ion Ratio Lower Upper

70 100

42 46.4 57.7 86.5#

101 0.0 7.0 10.6#

130 1.4 11.8 17.6#

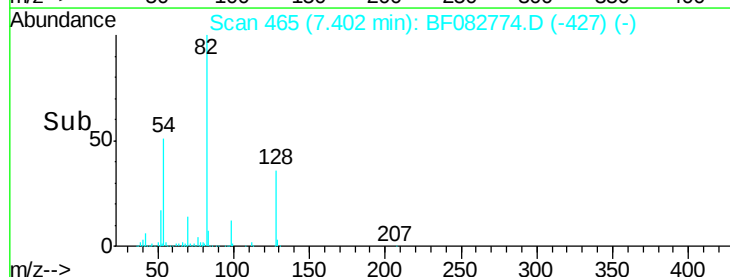
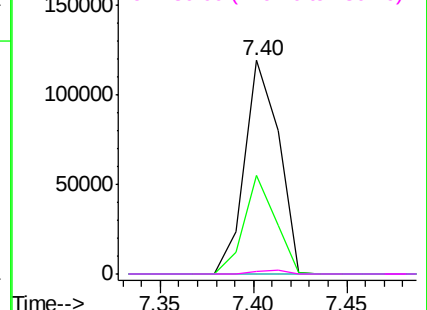


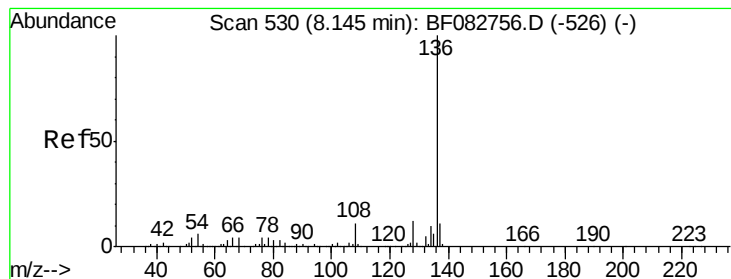
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

PB86454BL

Tgt Ion: 136 Resp: 985827

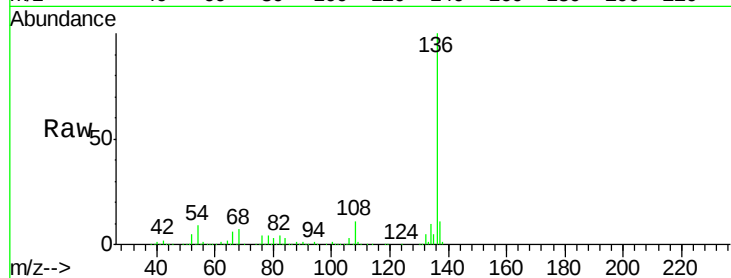
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.9 9.1 13.7#

68 6.8 4.8 7.2

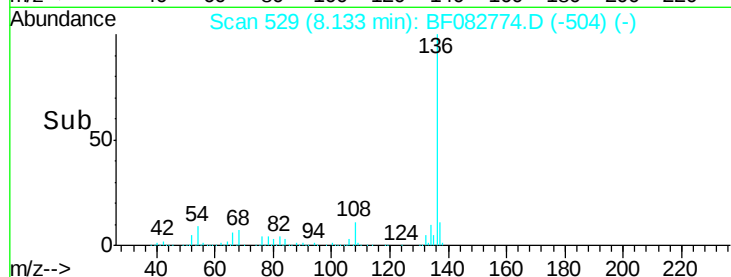


Abundance Ion 136.00 (135.70 to 136.70): E

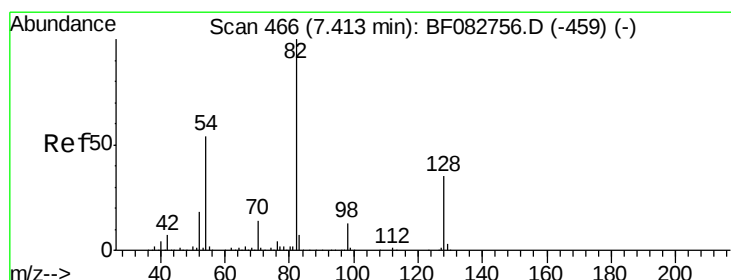
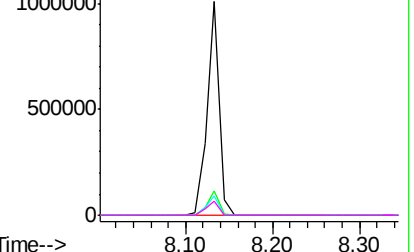
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 52.02 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

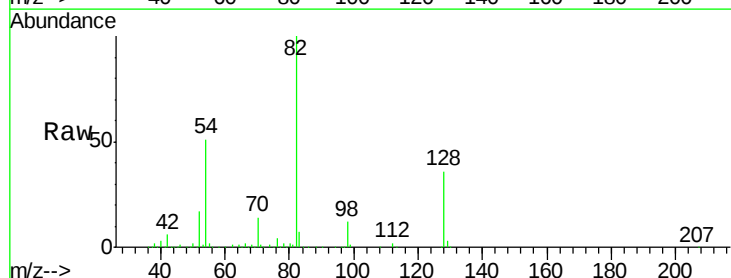
Tgt Ion: 82 Resp: 1178589

Ion Ratio Lower Upper

82 100

128 36.5 26.8 40.2

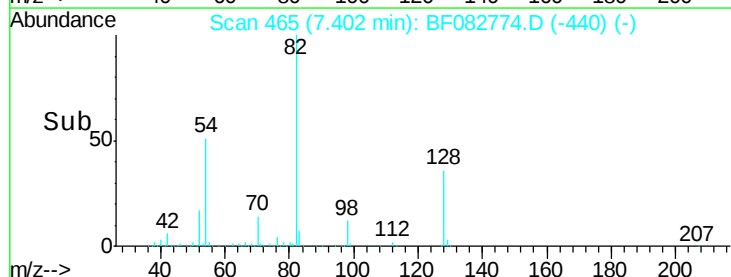
54 51.4 45.7 68.5



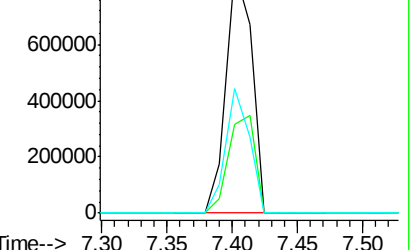
Abundance Ion 82.00 (81.70 to 82.70): BF0

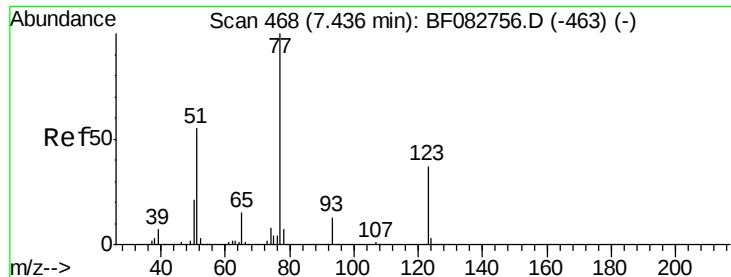
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

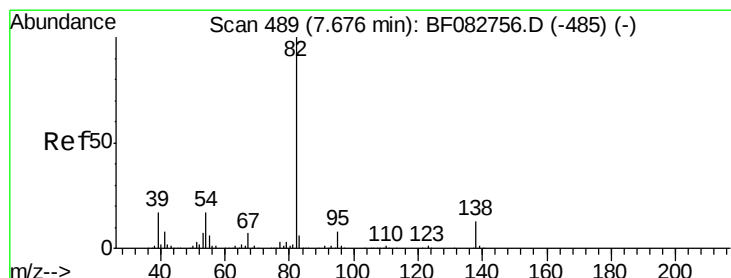
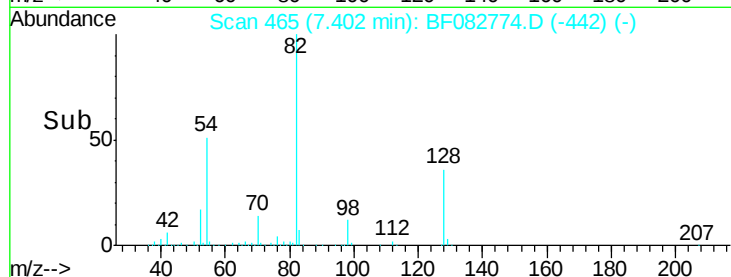
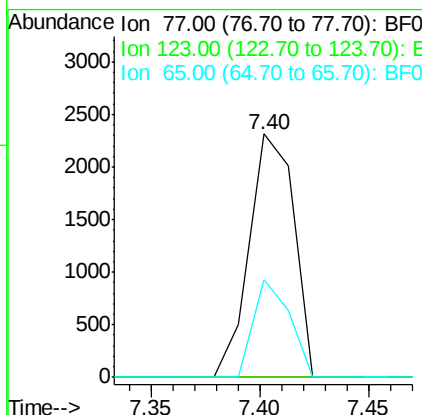
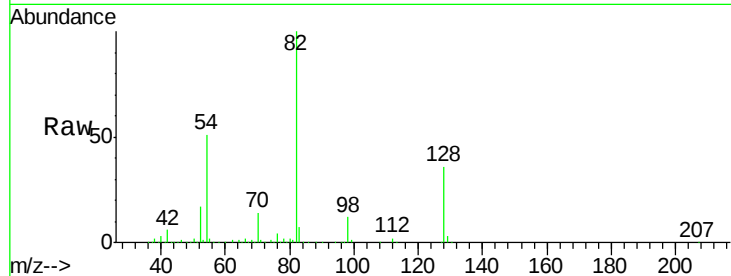




#24
 Nitrobenzene
 Concen: 0.14 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.03 min
 Lab File: BF082774.D
 Acq: 6 Nov 2015 21:25

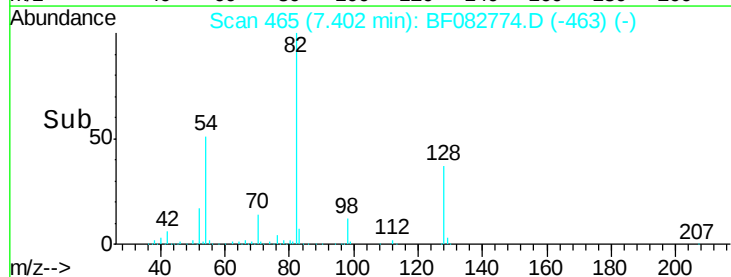
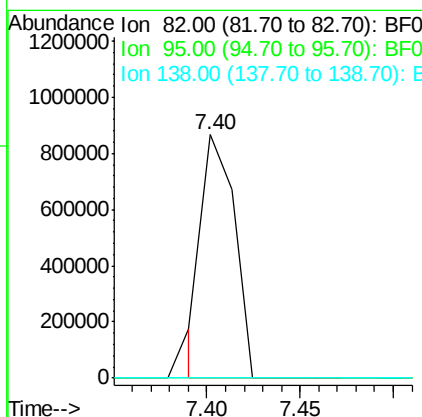
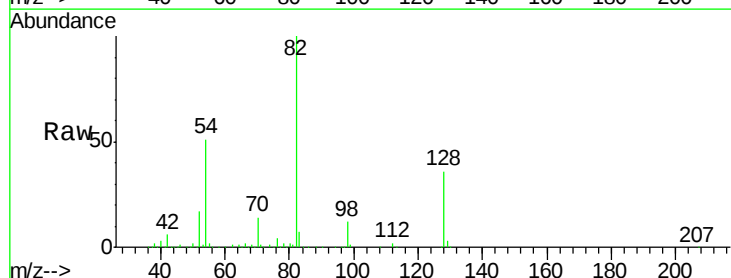
Instrument :
 BNA_F
 ClientSampleId :
 PB86454BL

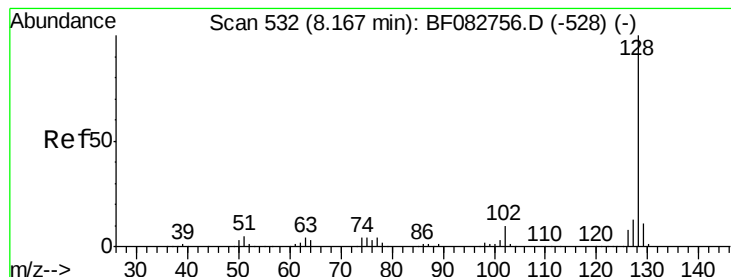
Tgt Ion: 77 Resp: 3314
 Ion Ratio Lower Upper
 77 100
 123 0.0 36.4 54.6#
 65 40.4 11.5 17.3#



#25
 Isophorone
 Concen: 25.20 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.27 min
 Lab File: BF082774.D
 Acq: 6 Nov 2015 21:25

Tgt Ion: 82 Resp: 1056523
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#31

Naphthalene

Concen: 0.00 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

PB86454BL

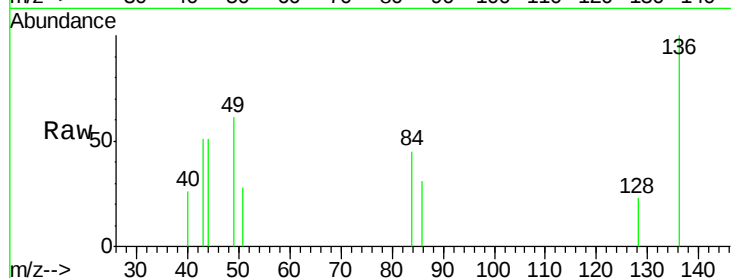
Tgt Ion:128 Resp: 214

Ion Ratio Lower Upper

128 100

129 0.0 9.5 14.3#

127 0.0 11.4 17.0#



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

8.16

300

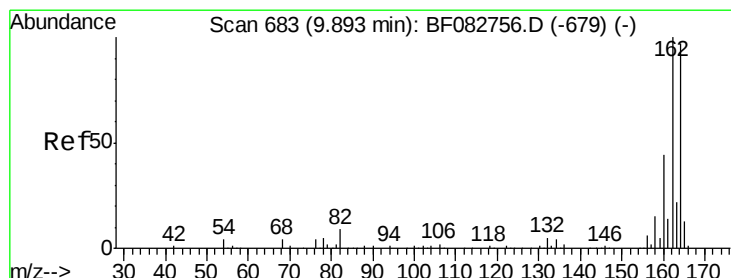
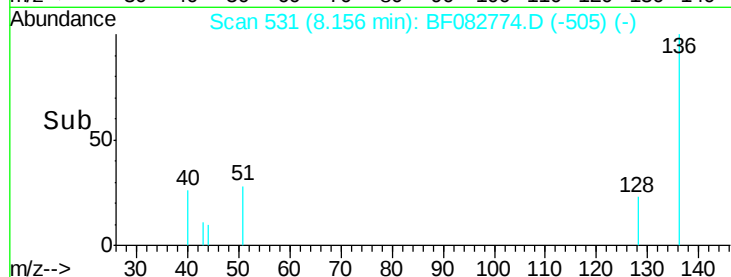
200

100

0

8.12 8.14 8.16 8.18

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

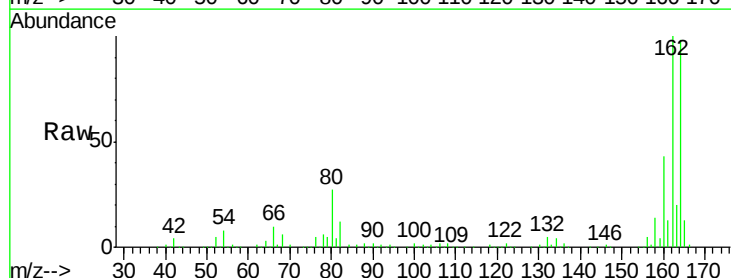
Tgt Ion:164 Resp: 497481

Ion Ratio Lower Upper

164 100

162 102.0 84.9 127.3

160 44.2 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

9.88

500000

400000

300000

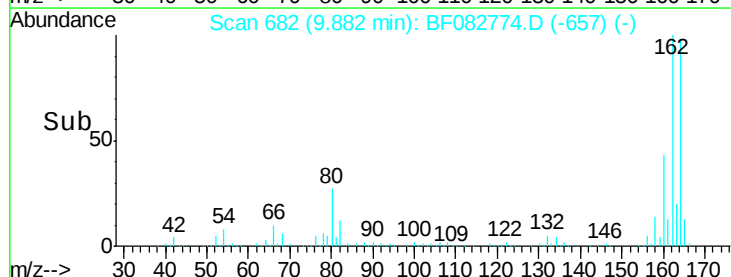
200000

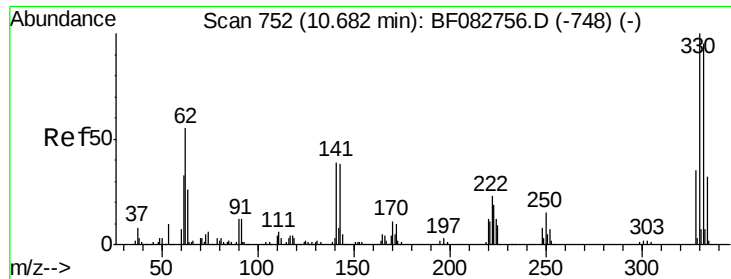
100000

0

9.80 9.90 10.00

Time-->

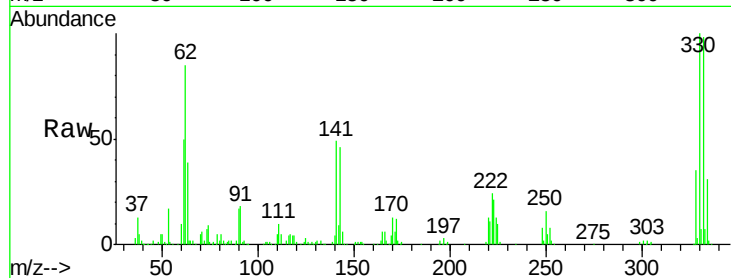




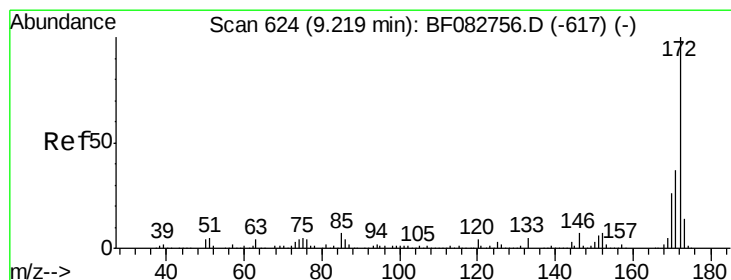
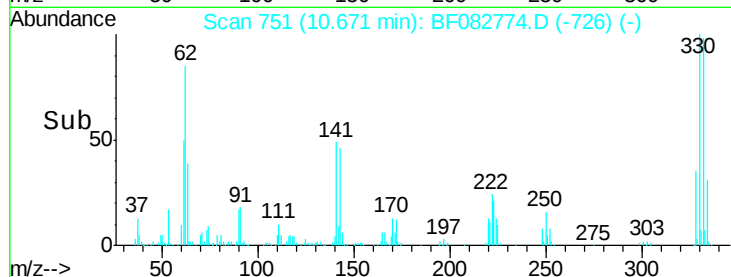
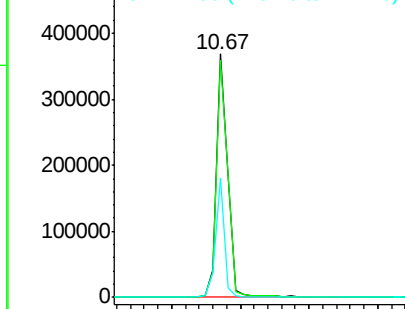
#41
 2,4,6-Tribromophenol
 Concen: 75.79 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082774.D
 Acq: 6 Nov 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BL

Tgt Ion:330 Resp: 432332
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 38.7 41.2 61.8#

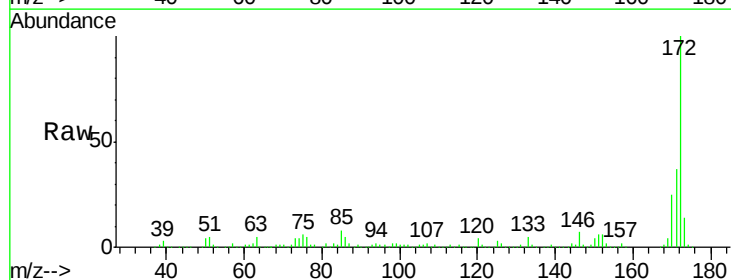


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

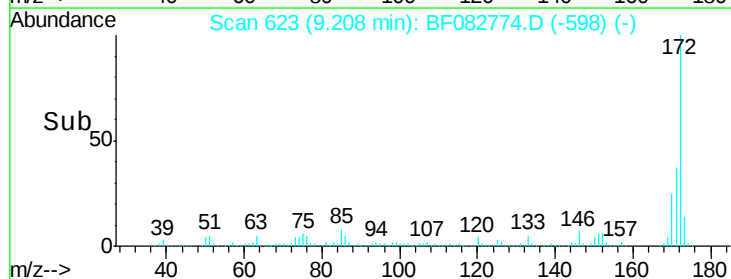
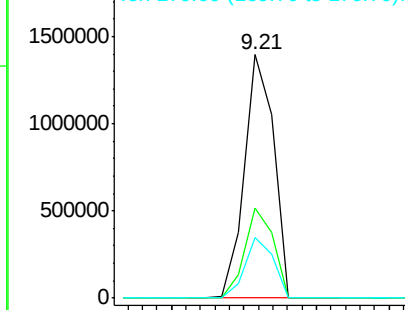


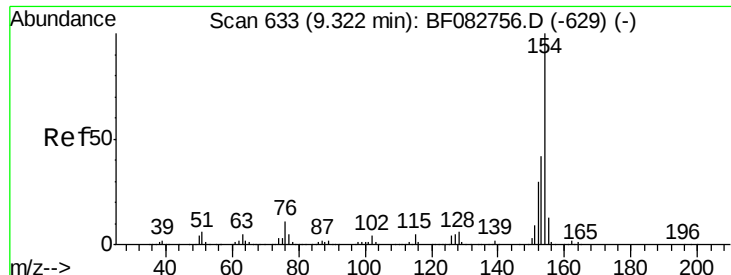
#44
 2-Fluorobiphenyl
 Concen: 56.19 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082774.D
 Acq: 6 Nov 2015 21:25

Tgt Ion:172 Resp: 1950233
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.8 46.2
 170 24.8 21.2 31.8



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

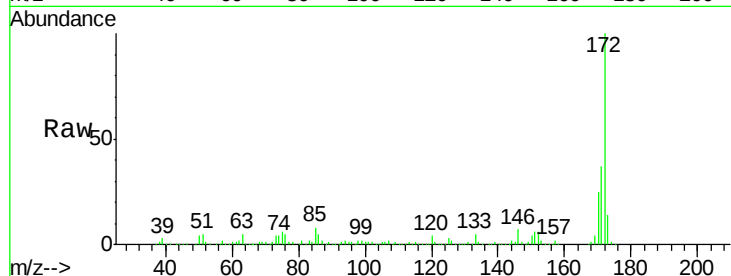




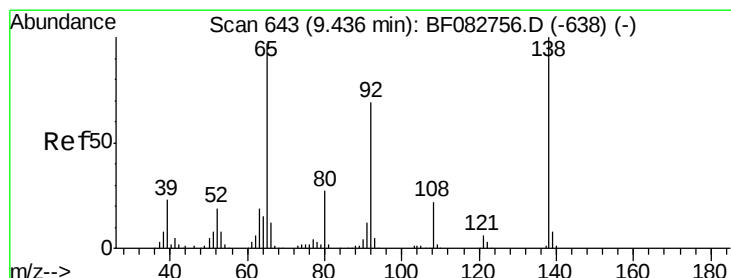
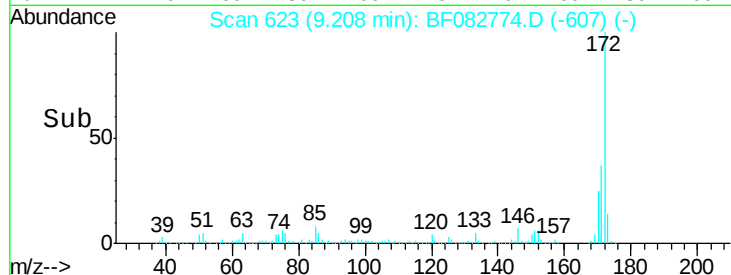
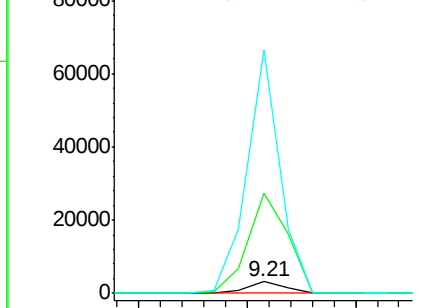
#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.11 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

Instrument :
BNA_F
ClientSampleId :
PB86454BL

Tgt Ion:154 Resp: 3697
Ion Ratio Lower Upper
154 100
153 861.3 22.0 62.0#
76 2087.4 0.0 29.0#

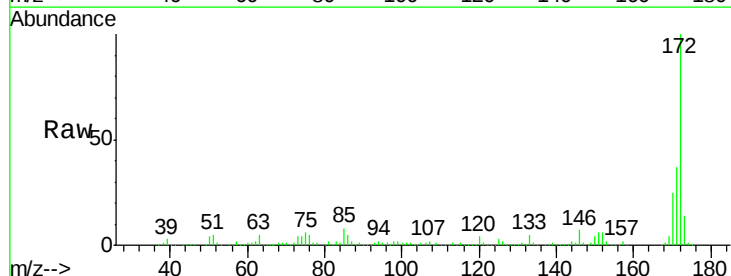


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

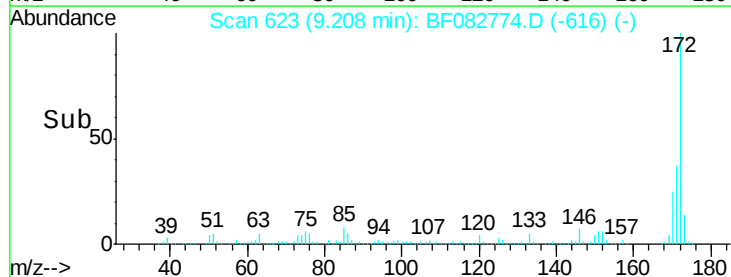
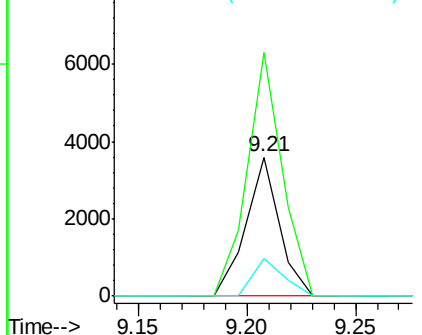


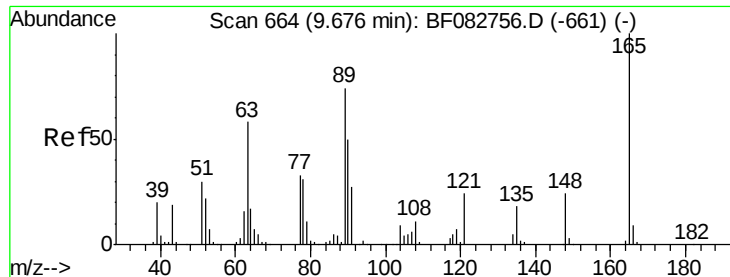
#47
2-Nitroaniline
Concen: 0.31 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.22 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

Tgt Ion: 65 Resp: 3819
Ion Ratio Lower Upper
65 100
92 175.5 46.6 70.0#
138 27.2 54.6 81.8#



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: 7.27 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.21 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

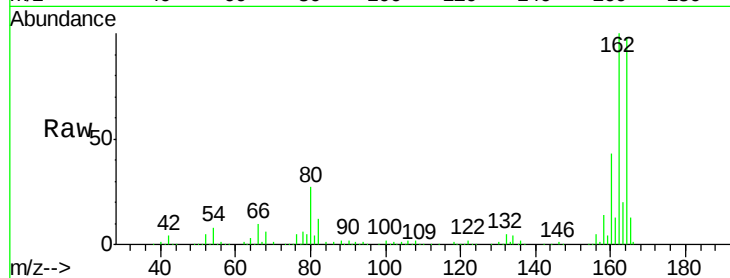
Instrument :

BNA_F

ClientSampleId :

PB86454BL

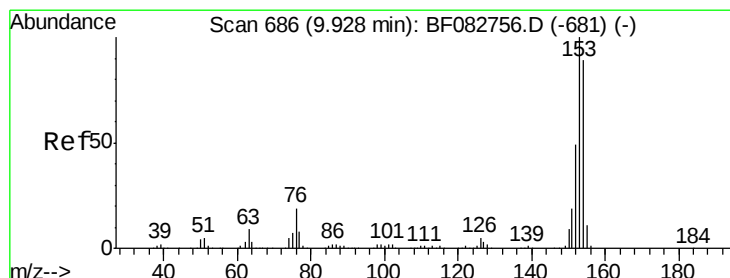
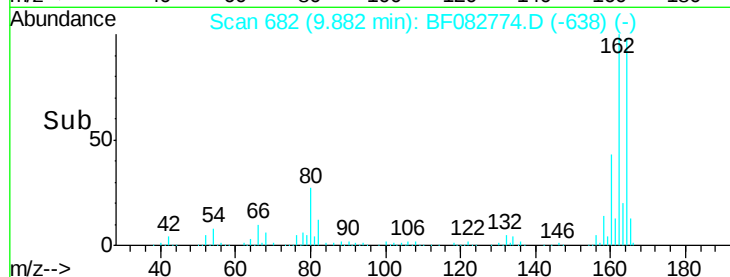
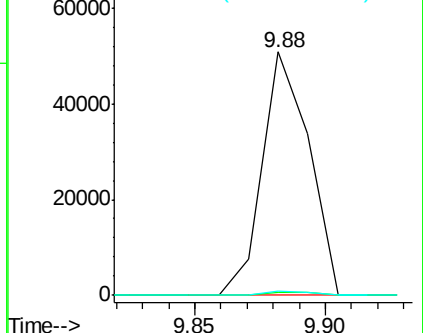
Tgt Ion:	165	Resp:	63255
Ion Ratio	Lower	Upper	
165	100		
63	1.3	55.5	83.3#
89	1.8	55.0	82.6#



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: 0.05 ng

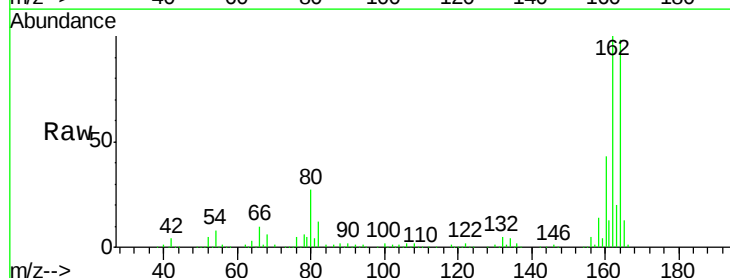
RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

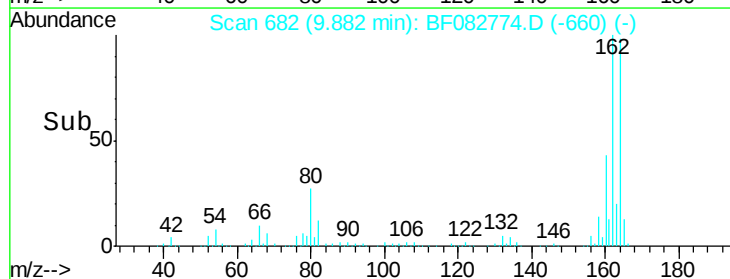
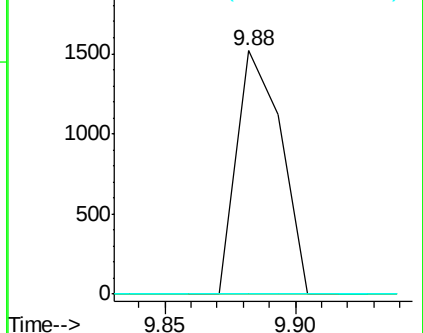
Tgt Ion:	154	Resp:	1811
Ion Ratio	Lower	Upper	
154	100		
153	0.0	90.1	135.1#
152	0.0	44.3	66.5#

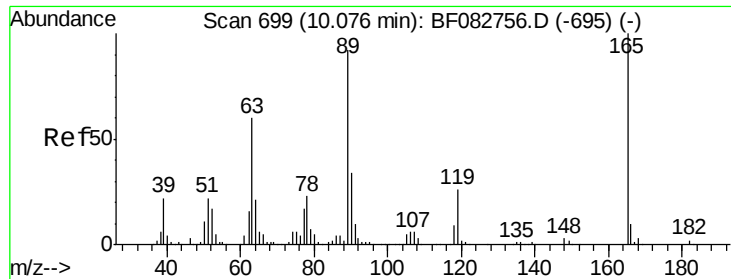


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

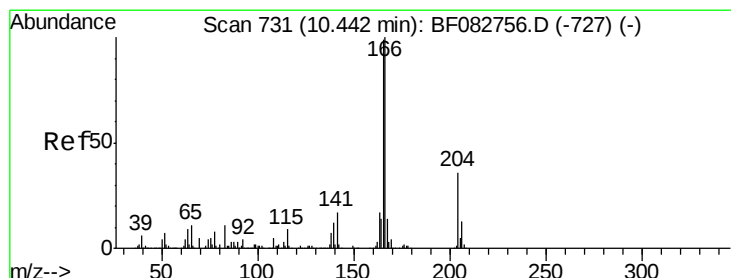
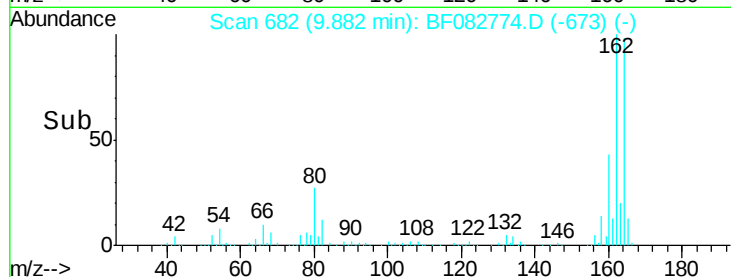
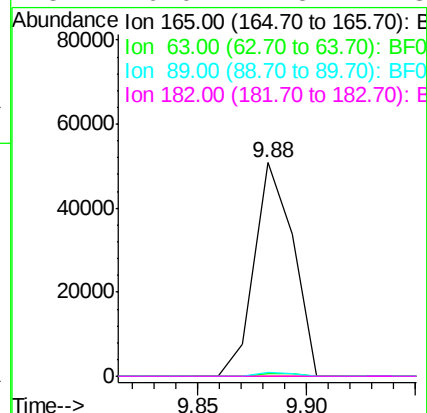
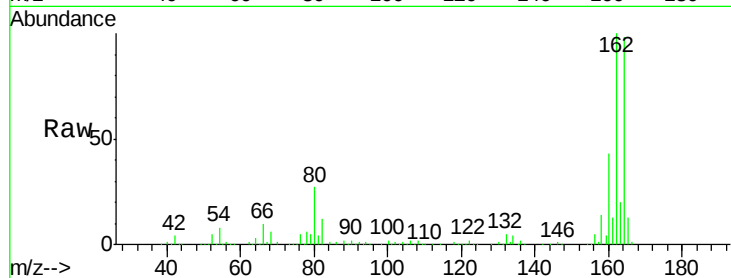




#56
2,4-Dinitrotoluene
Concen: 5.36 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

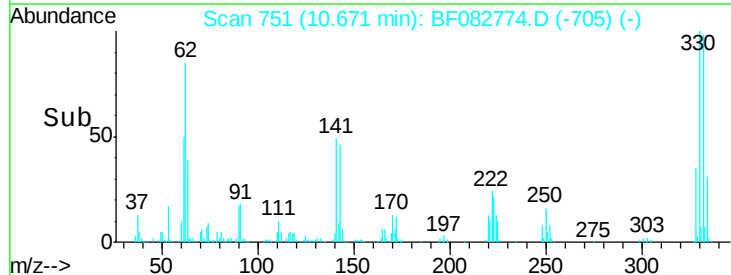
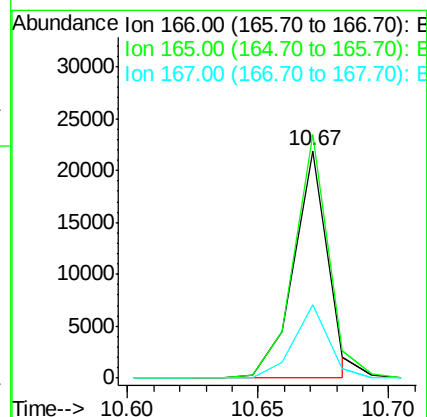
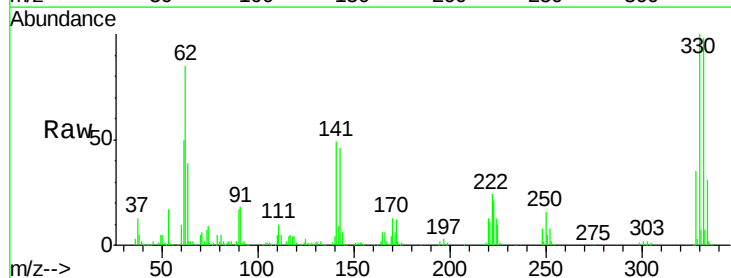
Instrument :
BNA_F
ClientSampleId :
PB86454BL

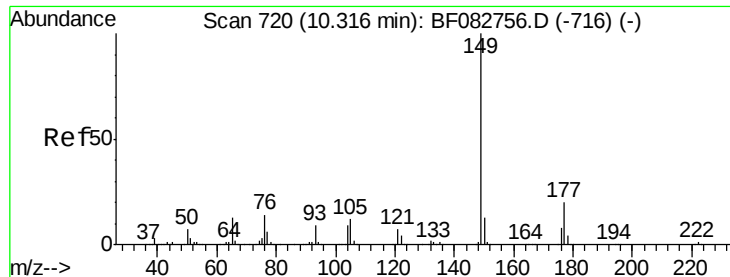
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.8	70.6	106.0#
182	0.0	1.5	2.3#



#57
Fluorene
Concen: 0.55 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.23 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.1	80.2	120.4
167	32.0	11.2	16.8#

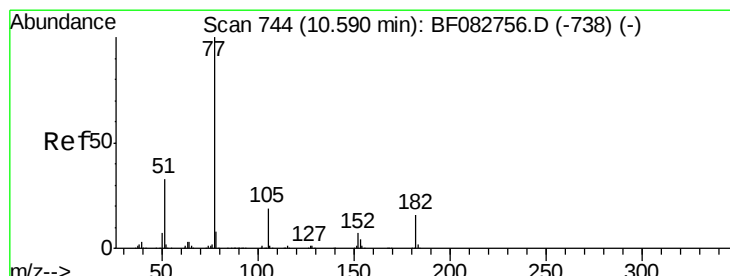
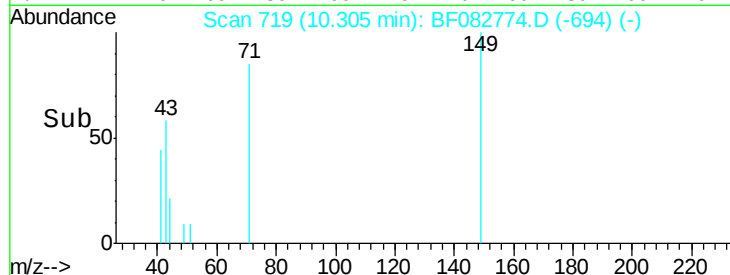
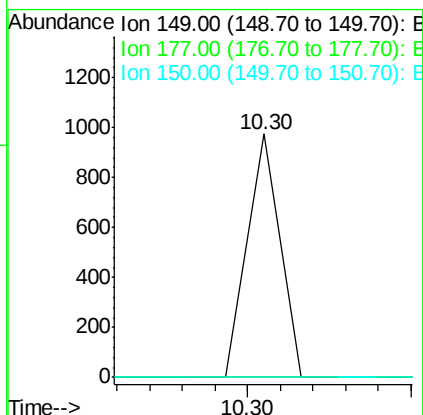
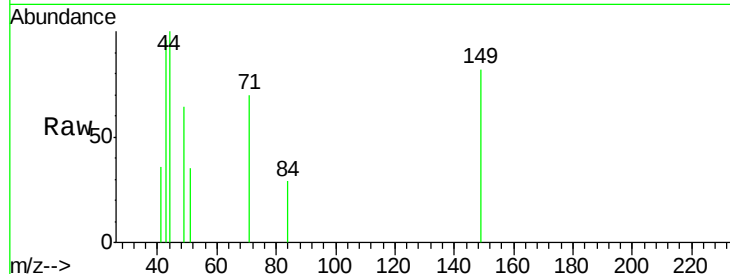




#59
Diethylphthalate
Concen: 0.02 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

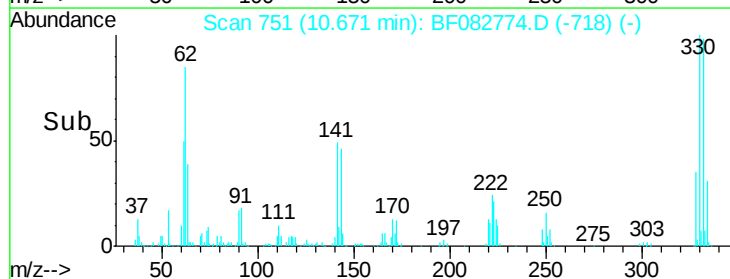
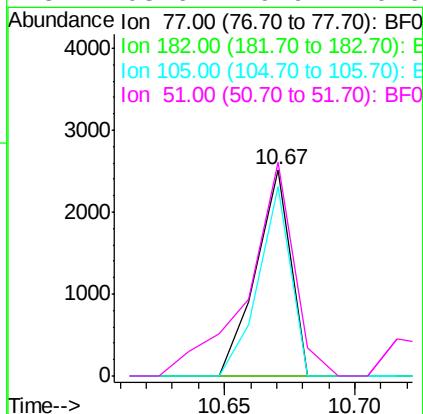
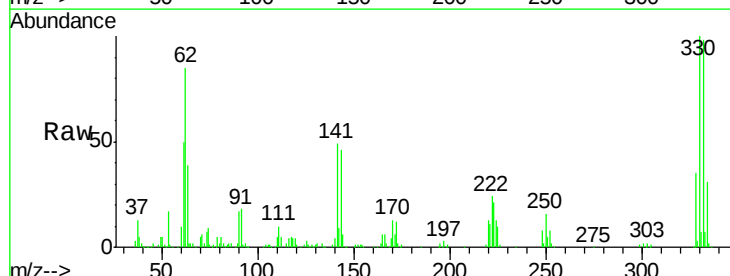
Instrument :
BNA_F
ClientSampleId :
PB86454BL

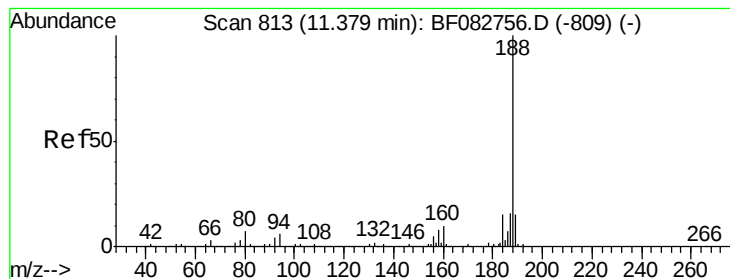
Tgt Ion: 149 Resp: 669
Ion Ratio Lower Upper
149 100
177 0.0 17.9 26.9#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.05 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.08 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

Tgt Ion: 77 Resp: 2345
Ion Ratio Lower Upper
77 100
182 0.0 9.3 49.3#
105 91.8 2.6 42.6#
51 103.6 9.9 49.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

PB86454BL

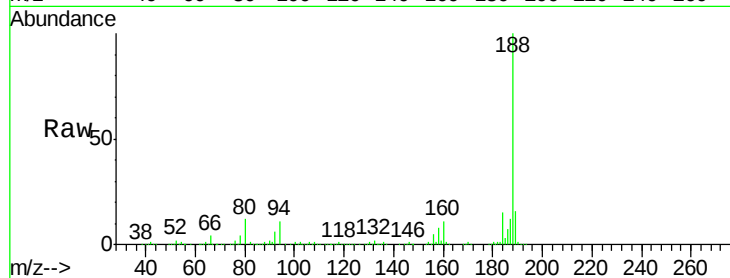
Tgt Ion:188 Resp: 976923

Ion Ratio Lower Upper

188 100

94 10.7 6.1 9.1#

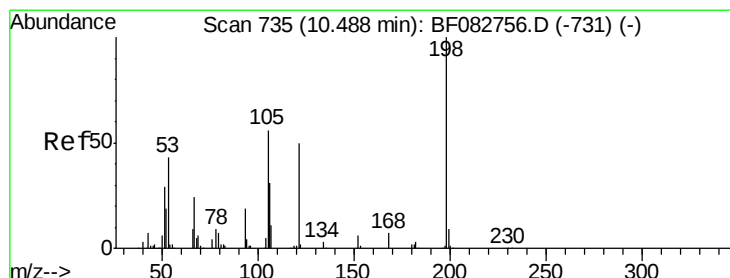
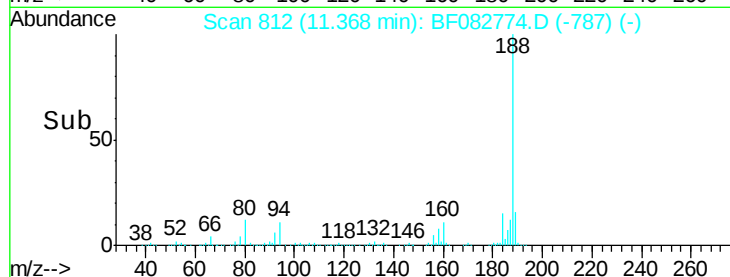
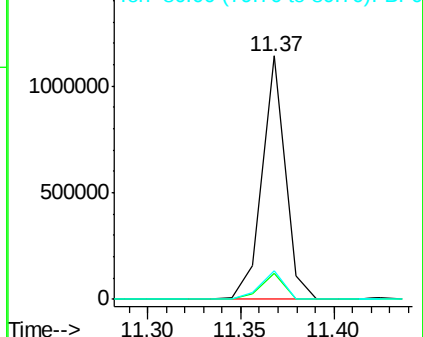
80 11.9 7.0 10.6#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 0.12 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.18 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

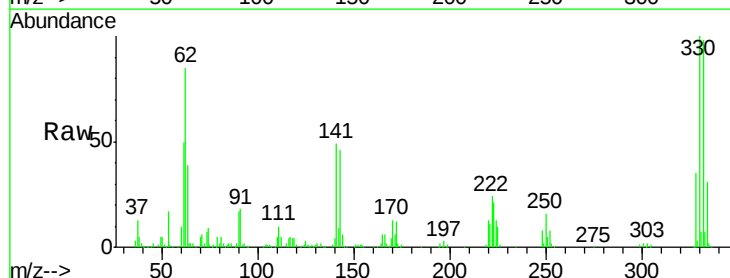
Tgt Ion:198 Resp: 816

Ion Ratio Lower Upper

198 100

51 219.0 17.3 57.3#

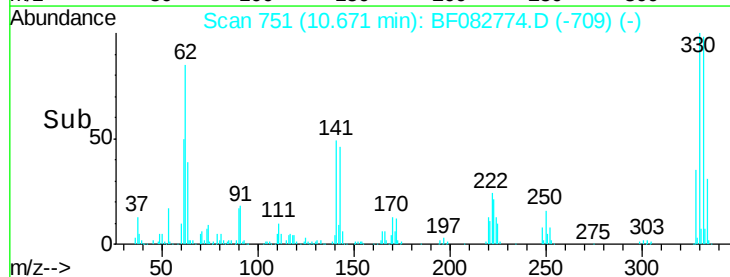
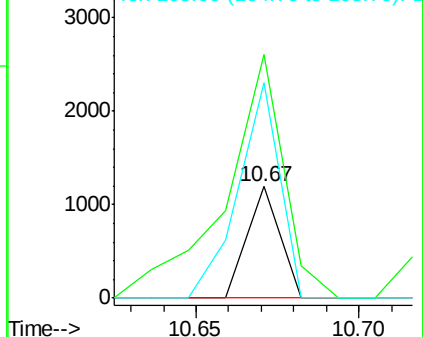
105 194.0 21.7 61.7#

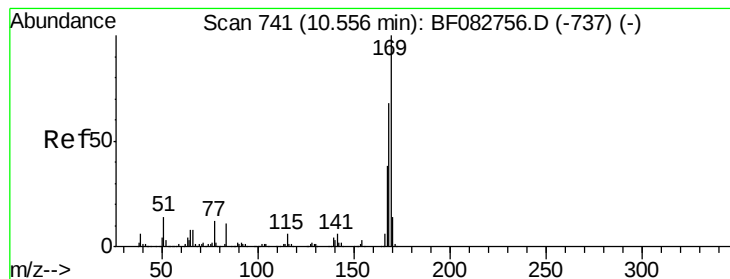


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.40 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.11 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

PB86454BL

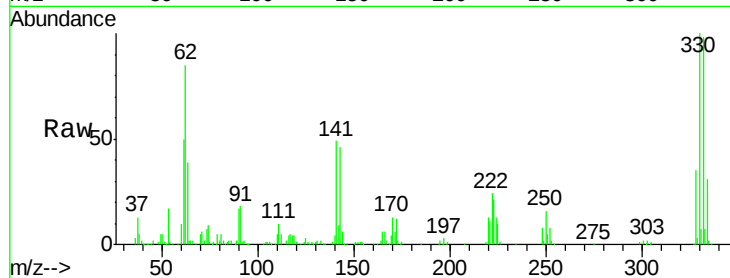
Tgt Ion:169 Resp: 14088

Ion Ratio Lower Upper

169 100

168 8.6 55.0 82.6#

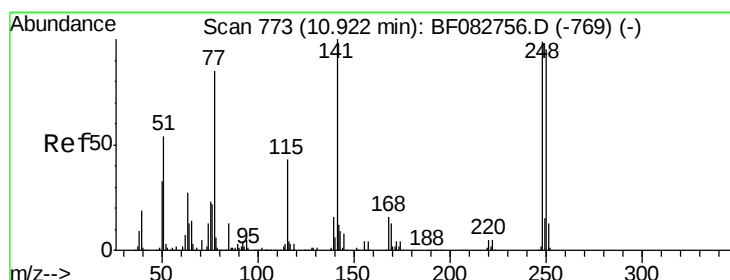
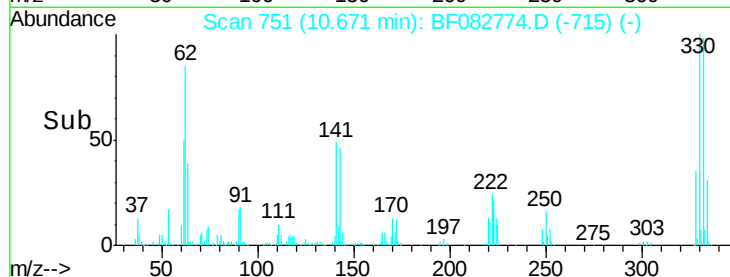
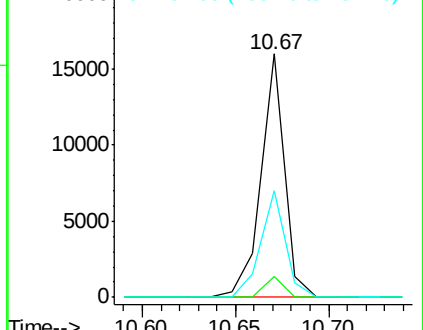
167 43.9 30.5 45.7



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: 2.49 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

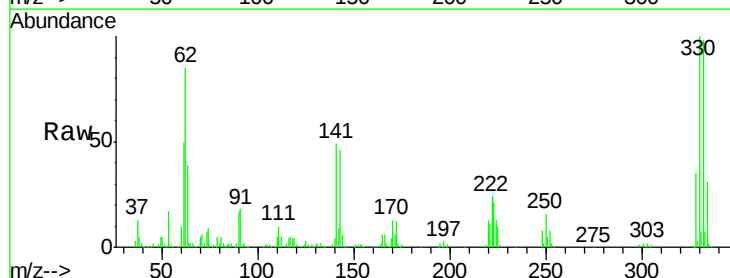
Tgt Ion:248 Resp: 29252

Ion Ratio Lower Upper

248 100

250 196.2 79.4 119.2#

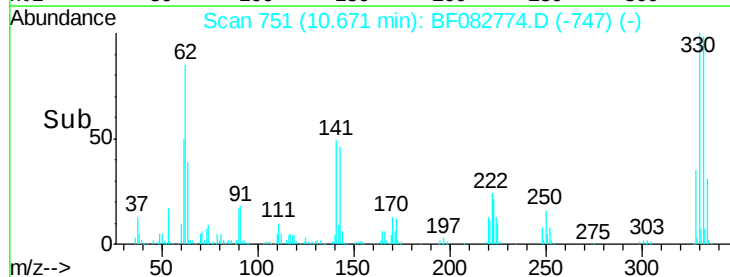
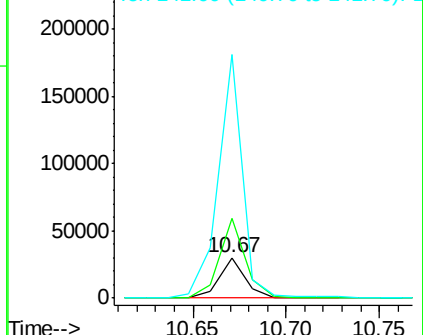
141 601.5 36.3 54.5#

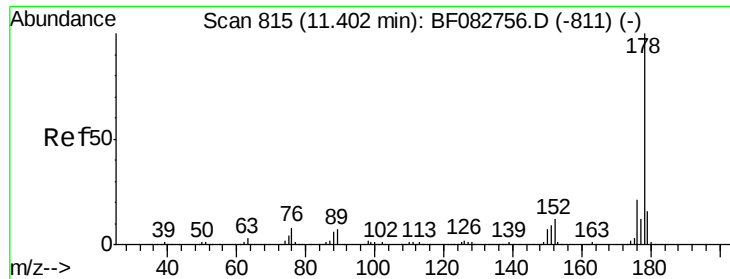


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

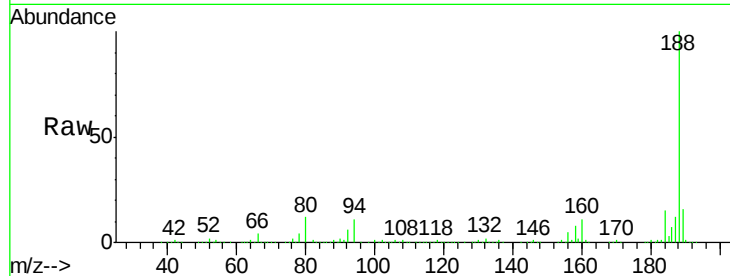




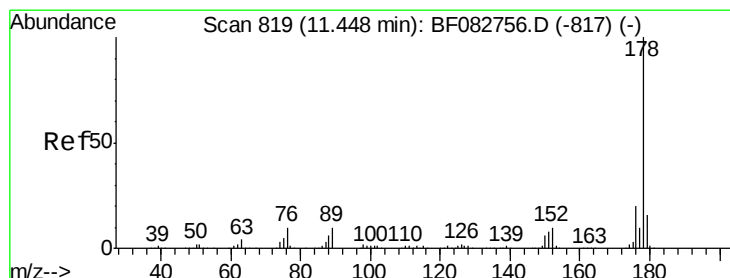
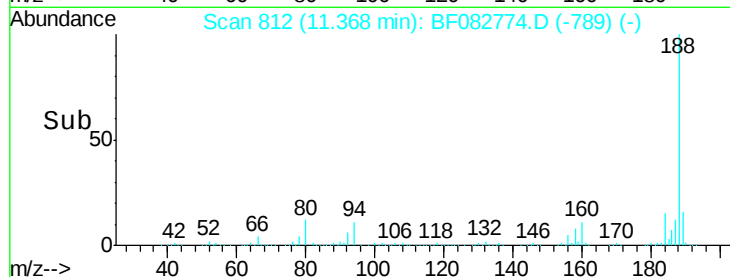
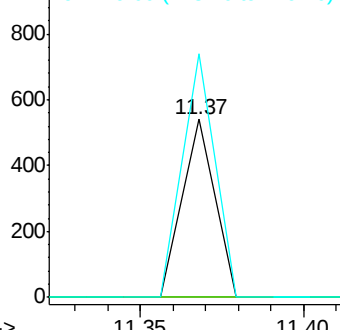
#70
Phenanthrene
Concen: 0.01 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

Instrument :
BNA_F
ClientSampleId :
PB86454BL

Tgt Ion:178 Resp: 371
Ion Ratio Lower Upper
178 100
176 0.0 17.0 25.4#
179 136.6 13.4 20.0#

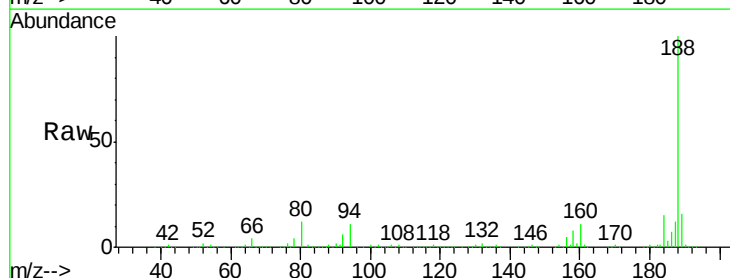


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

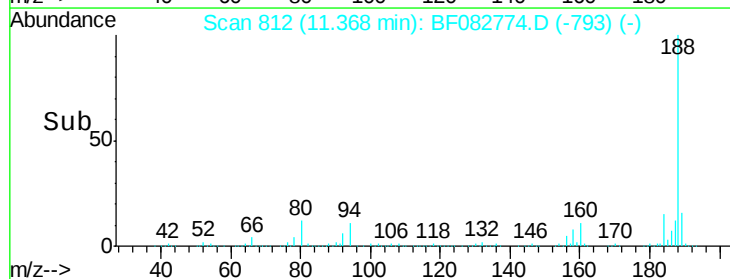
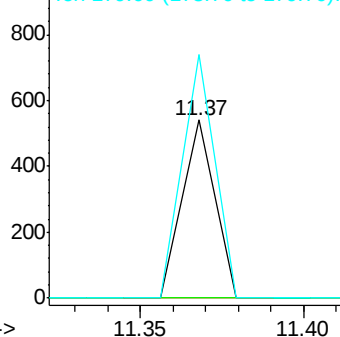


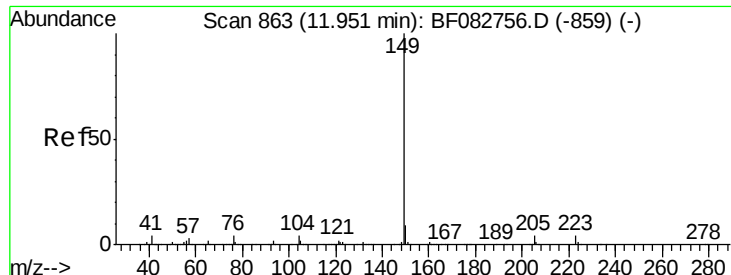
#71
Anthracene
Concen: 0.01 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.08 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

Tgt Ion:178 Resp: 371
Ion Ratio Lower Upper
178 100
176 0.0 16.5 24.7#
179 136.6 13.2 19.8#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

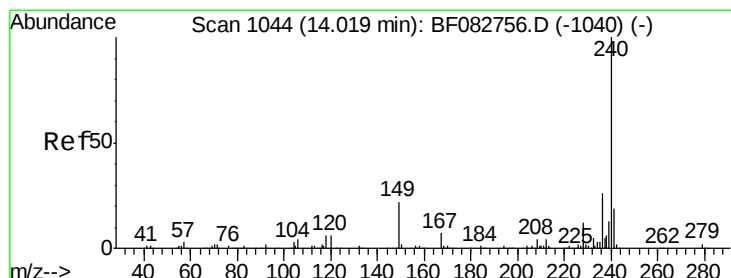
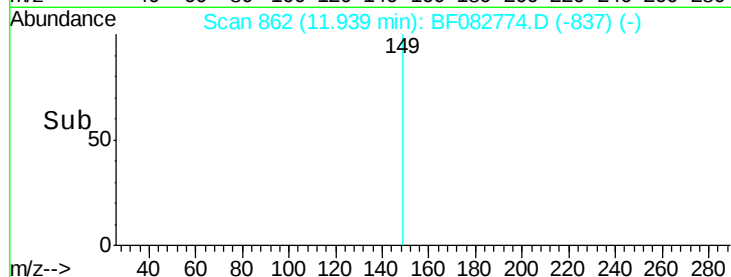
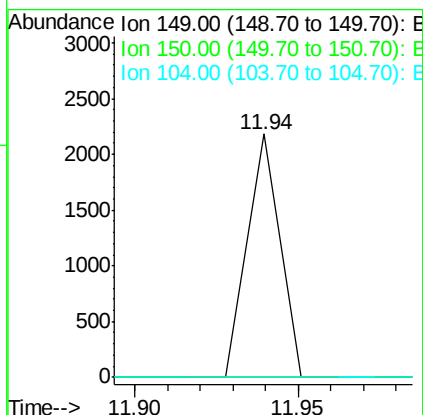
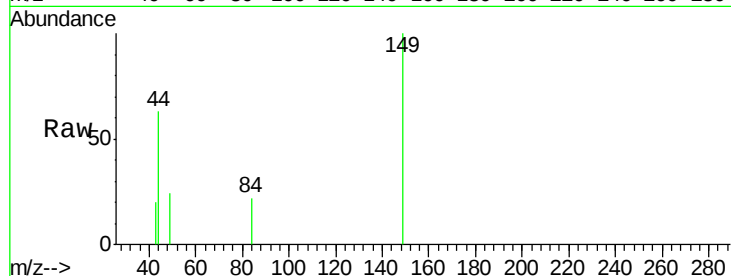




#73
Di-n-butylphthalate
Concen: 0.02 ng
RT: 11.94 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

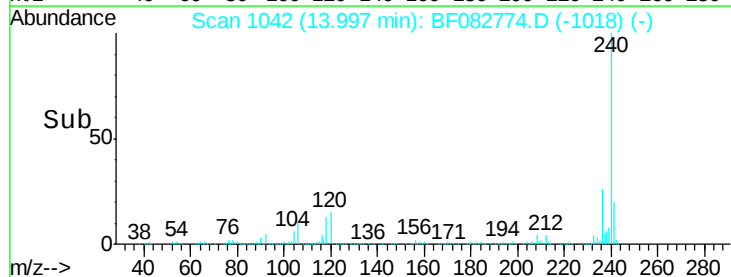
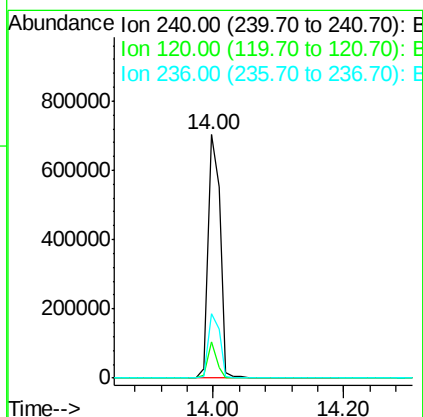
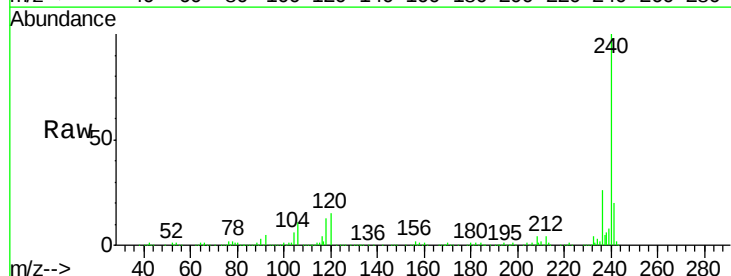
Instrument :
BNA_F
ClientSampleId :
PB86454BL

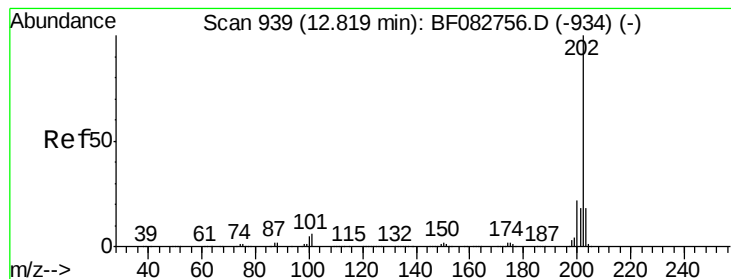
Tgt Ion:149 Resp: 1498
Ion Ratio Lower Upper
149 100
150 0.0 8.1 12.1#
104 0.0 5.2 7.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

Tgt Ion:240 Resp: 902936
Ion Ratio Lower Upper
240 100
120 14.9 10.9 16.3
236 26.3 21.6 32.4





#77

Pyrene

Concen: 0.10 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.15 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

PB86454BL

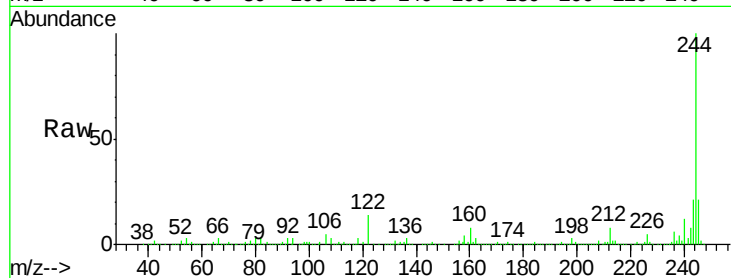
Tgt Ion:202 Resp: 6269

Ion Ratio Lower Upper

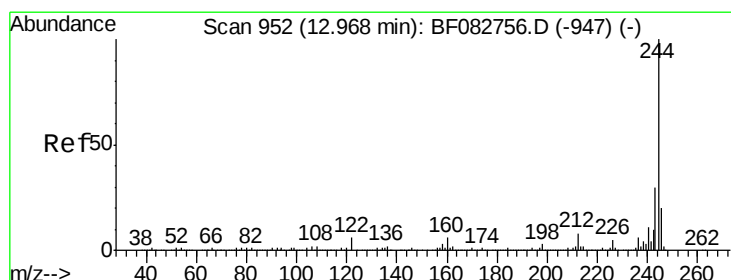
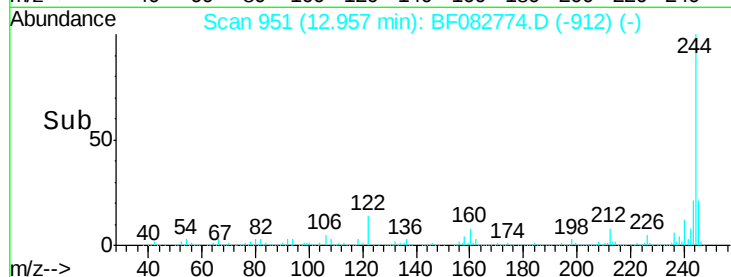
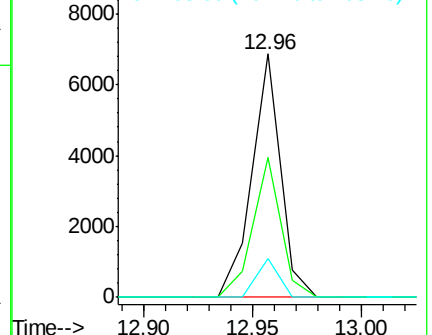
202 100

200 57.3 18.7 28.1#

203 16.1 14.8 22.2



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: 50.54 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

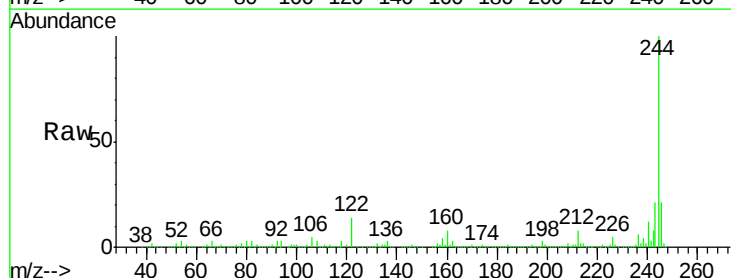
Tgt Ion:244 Resp: 1924086

Ion Ratio Lower Upper

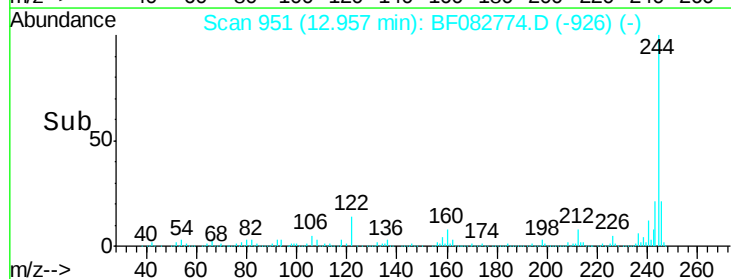
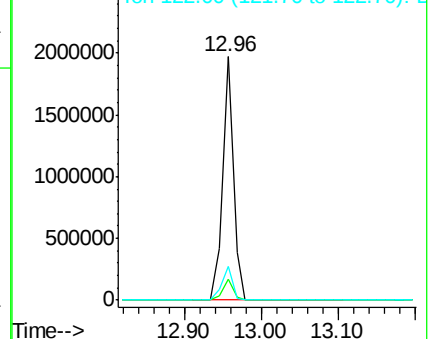
244 100

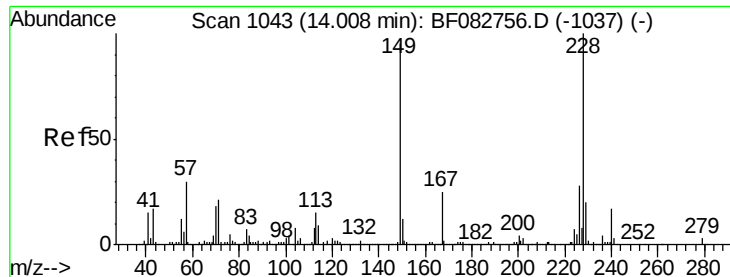
212 8.3 7.6 11.4

122 13.7 11.3 16.9



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: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

PB86454BL

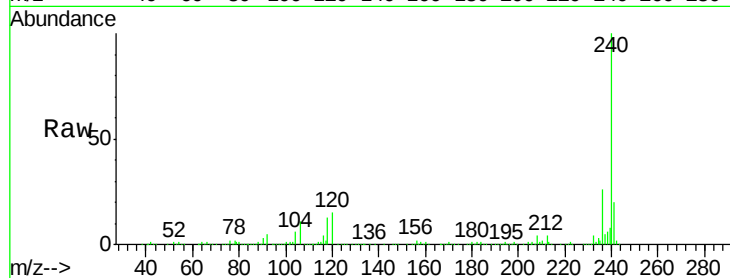
Tgt Ion:228 Resp: 2448

Ion Ratio Lower Upper

228 100

226 0.0 23.4 35.2#

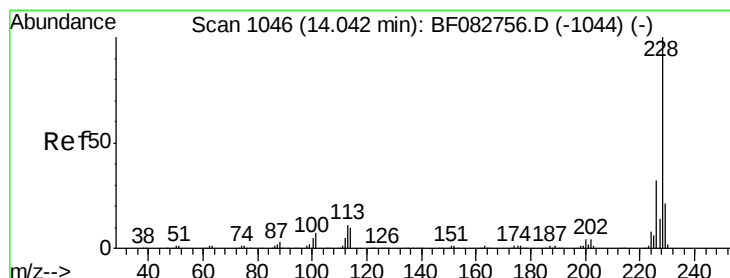
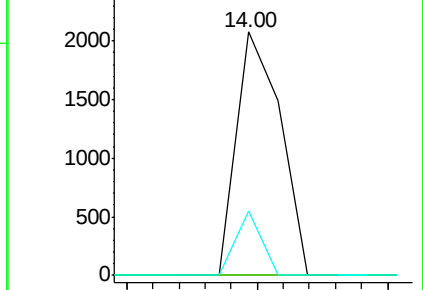
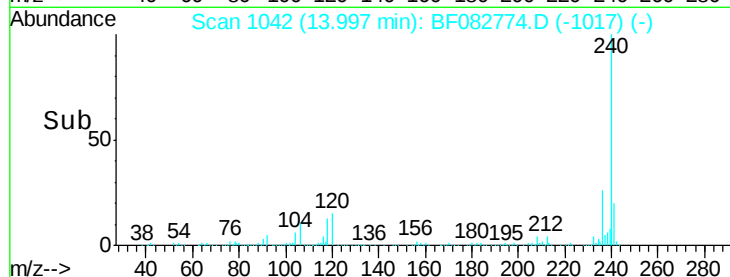
229 26.3 16.3 24.5#



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



#82

Chrysene

Concen: 0.05 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

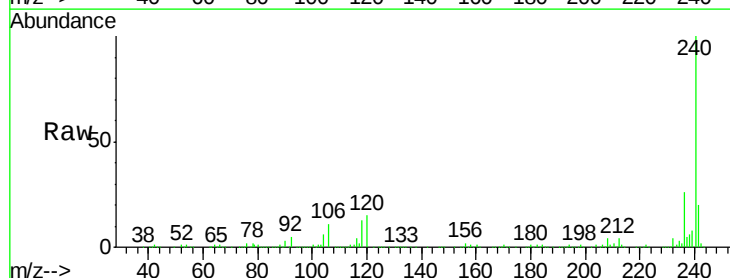
Tgt Ion:228 Resp: 2448

Ion Ratio Lower Upper

228 100

226 0.0 25.5 38.3#

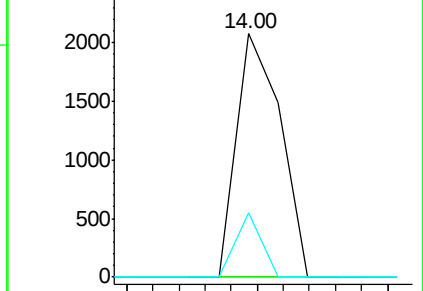
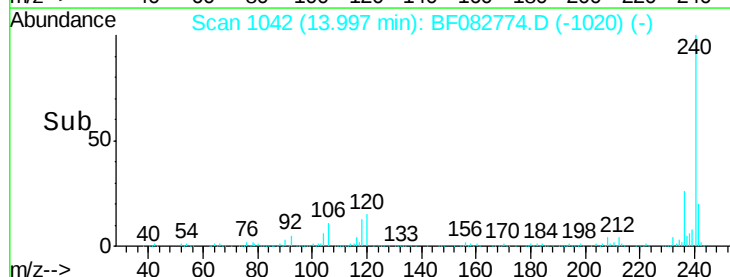
229 26.3 16.3 24.5#

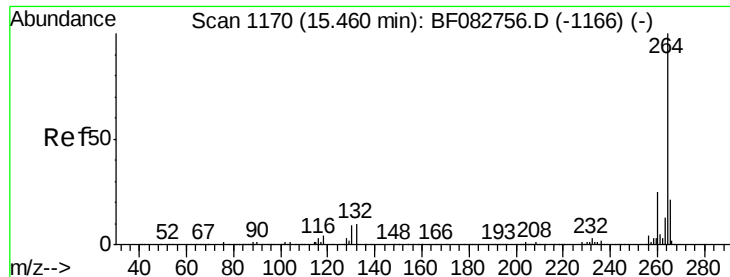


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

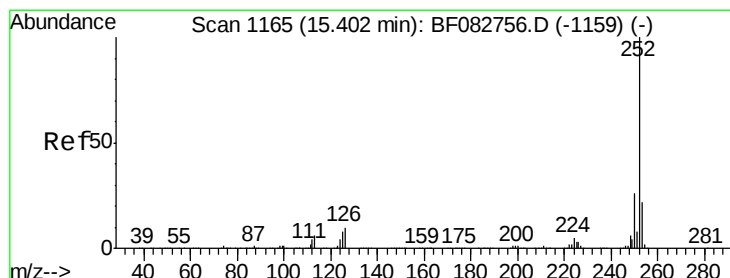
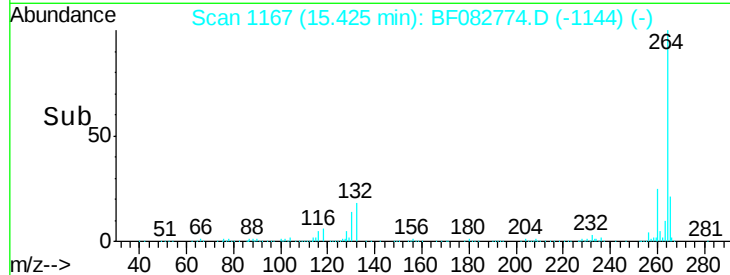
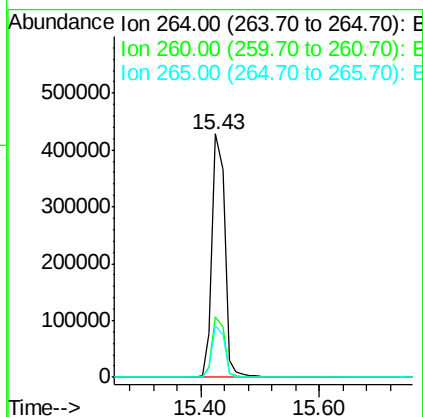
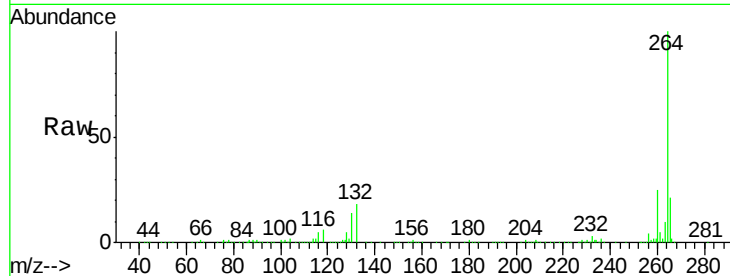




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

Instrument :
BNA_F
ClientSampled :
PB86454BL

Tgt Ion:264 Resp: 638875
Ion Ratio Lower Upper
264 100
260 24.8 19.8 29.6
265 21.3 17.4 26.0



#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.02 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

Tgt Ion:252 Resp: 2048
Ion Ratio Lower Upper
252 100
253 44.2 17.3 25.9#
125 26.0 7.1 10.7#

