

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081936.D
 Acq On : 1 Oct 2015 13:37
 Operator : UM/IZ
 Sample : PB85866BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85866BL

Quant Time: Oct 02 01:37:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	108974	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	442737	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	220994	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	438497	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	430186	20.00	ng	-0.06
86) Perylene-d12	15.51	264	339783	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	627622	104.55	ng	-0.02
7) Phenol-d6	6.53	99	904791	119.78	ng	-0.03
23) Nitrobenzene-d5	7.46	82	560729	84.43	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	242307	108.26	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1087249	81.71	ng	-0.05
78) Terphenyl-d14	13.01	244	1128178	84.59	ng	-0.05

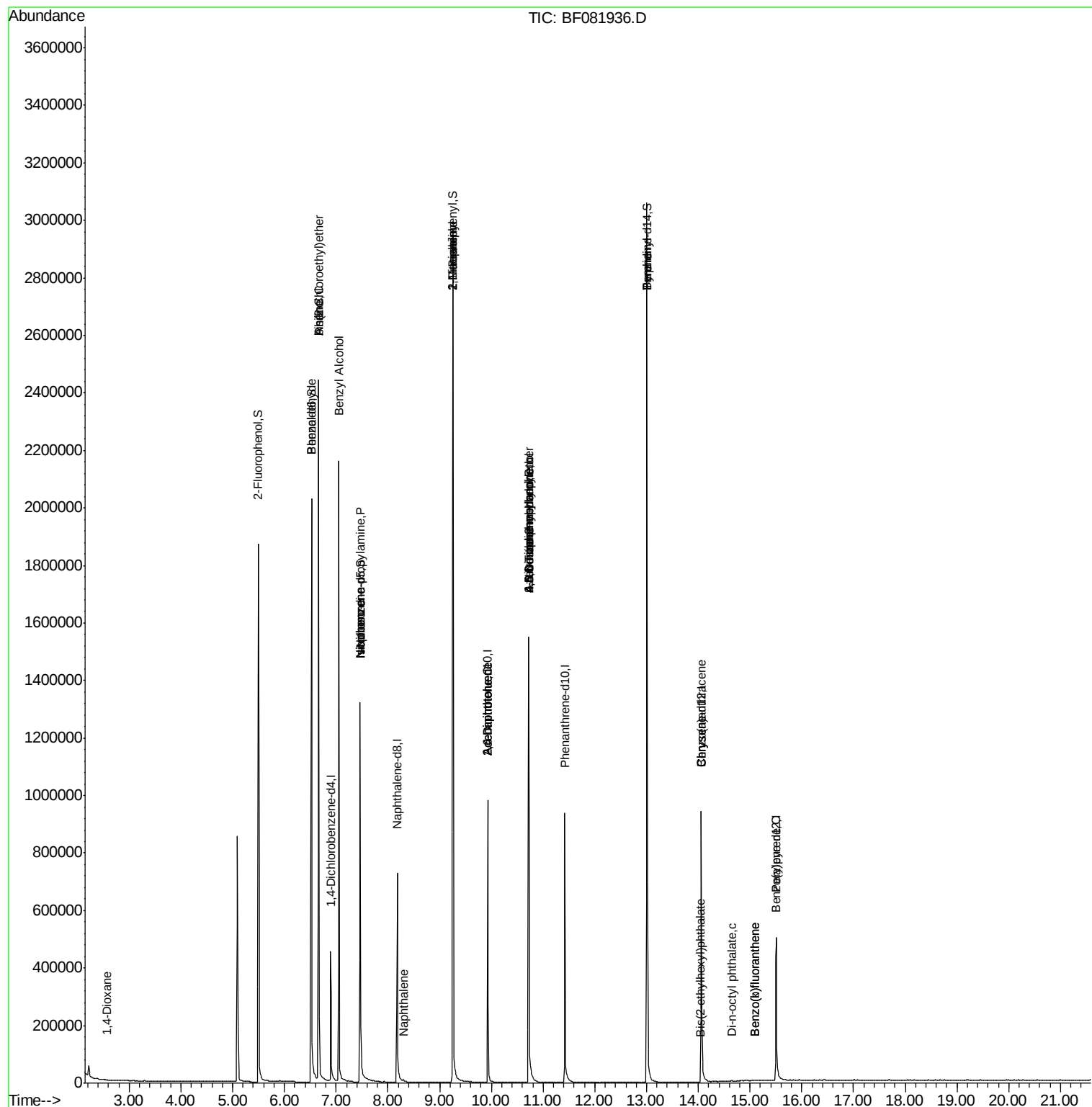
Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	215	0.08	ng	# 11
6) Aniline	6.66	93	622	0.06	ng	# 1
9) Benzaldehyde	6.53	77	1135	0.23	ng	# 1
10) Phenol	6.66	94	1324	0.16	ng	# 1
11) bis(2-Chloroethyl)ether	6.66	93	622	0.09	ng	# 1
15) Benzyl Alcohol	7.05	79	9085	1.67	ng	# 32
19) n-Nitroso-di-n-propylamine	7.46	70	69338	15.10	ng	# 56
24) Nitrobenzene	7.46	77	1102	0.15	ng	# 17
25) Isophorone	7.46	82	449538	34.15	ng	# 58
31) Naphthalene	8.31	128	455	0.02	ng	# 1
45) 1,1'-Biphenyl	9.26	154	1819	0.11	ng	# 1
47) 2-Nitroaniline	9.26	65	1466	0.37	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	26980	8.15	ng	# 38
51) Acenaphthene	9.93	154	608	0.05	ng	# 9
56) 2,4-Dinitrotoluene	9.93	165	26983	6.39	ng	# 32
57) Fluorene	10.72	166	9449	Below Cal		# 86
62) Azobenzene	10.72	77	734	0.05	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	372	1.38	ng	# 1
65) n-Nitrosodiphenylamine	10.72	169	6917	0.52	ng	# 45
66) 4-Bromophenyl-phenylether	10.72	248	14805	3.35	ng	# 1
73) Di-n-butylphthalate	11.98	149	1410	Below Cal		# 78
76) Benzidine	13.01	184	14051	1.08	ng	# 92
77) Pyrene	13.01	202	3385	0.13	ng	# 67
80) Benzo(a)anthracene	14.06	228	2371	0.10	ng	# 53
82) Chrysene	14.06	228	2371	0.98	ng	# 52
83) Bis(2-ethylhexyl)phthalate	14.04	149	558	0.05	ng	# 50
84) Di-n-octyl phthalate	14.65	149	609	0.03	ng	# 1
87) Benzo(b)fluoranthene	15.09	252	2751	0.14	ng	# 54
88) Benzo(k)fluoranthene	15.09	252	2751	0.15	ng	# 56
89) Benzo(a)pyrene	15.50	252	837	0.05	ng	# 54

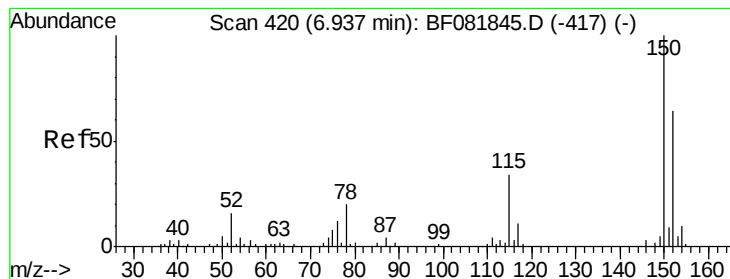
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

Instrument :

BNA_F

ClientSampleId :

PB85866BL

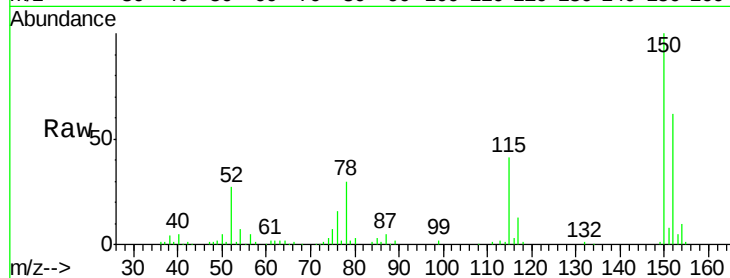
Tgt Ion:152 Resp: 108974

Ion Ratio Lower Upper

152 100

150 160.3 124.7 187.1

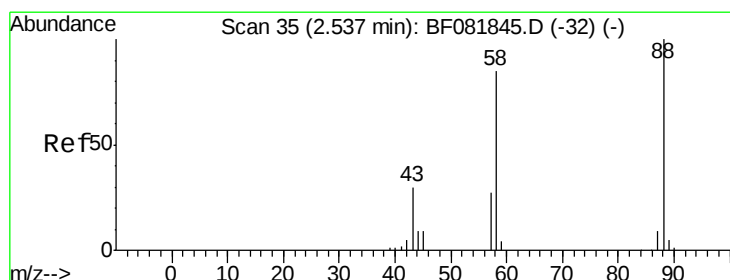
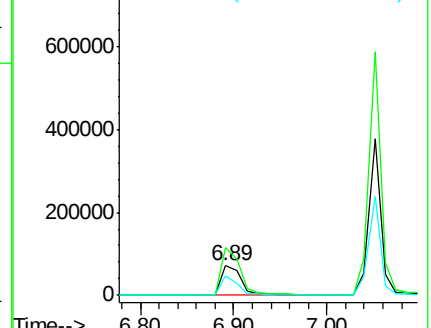
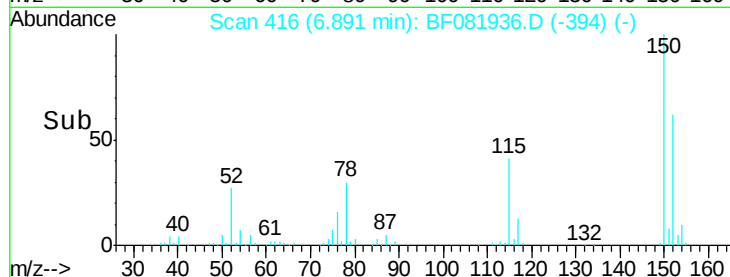
115 66.2 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 0.08 ng

RT: 2.57 min Scan# 38

Delta R.T. 0.03 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

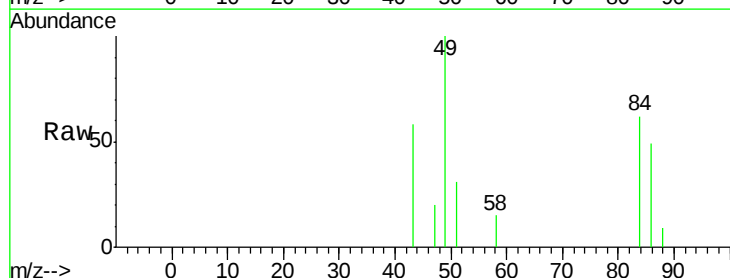
Tgt Ion: 88 Resp: 215

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

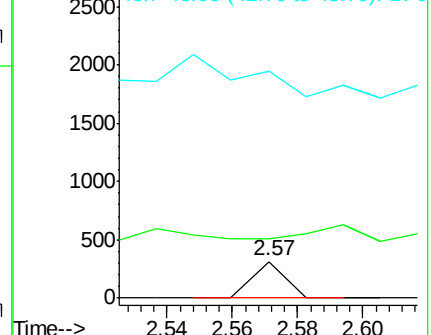
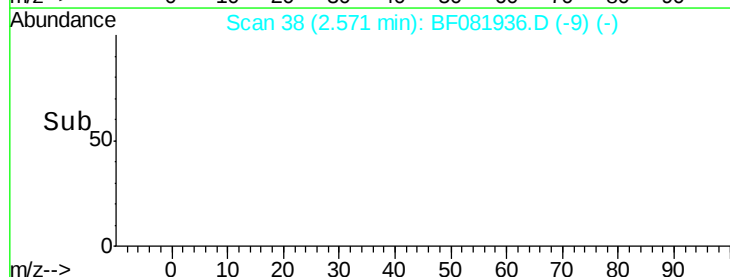
43 0.0 26.6 40.0#

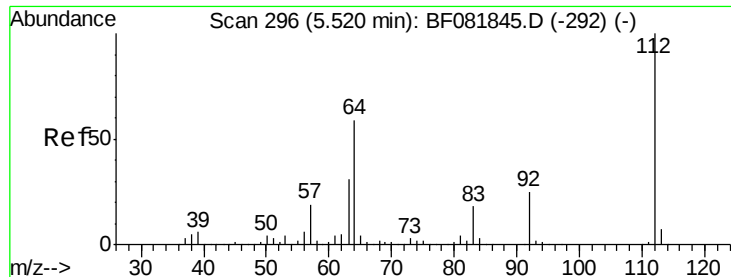


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 104.55 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

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PB85866BL

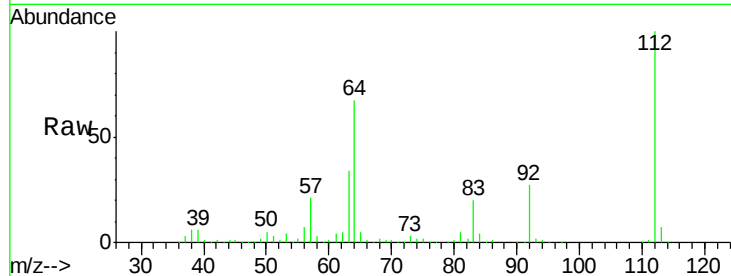
Tgt Ion: 112 Resp: 627622

Ion Ratio Lower Upper

112 100

64 66.6 39.7 59.5#

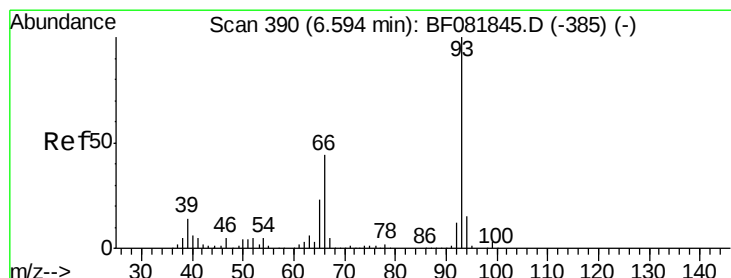
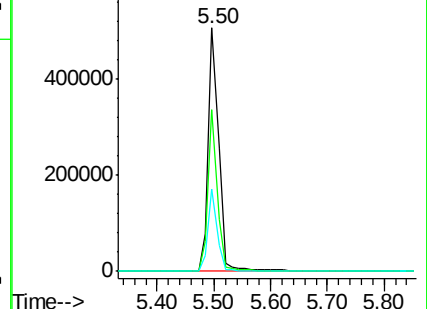
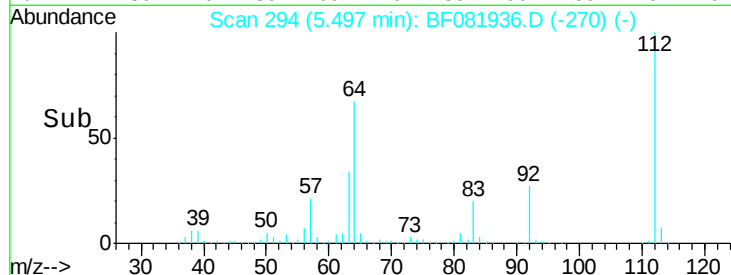
63 34.1 17.4 26.0#



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



#6

Aniline

Concen: 0.06 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.07 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

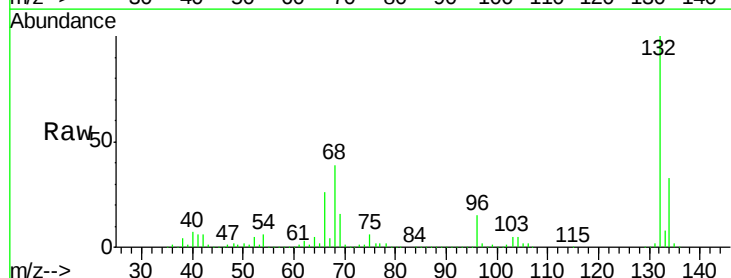
Tgt Ion: 93 Resp: 622

Ion Ratio Lower Upper

93 100

66 20660.6 27.2 40.8#

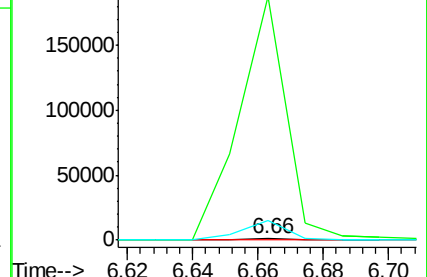
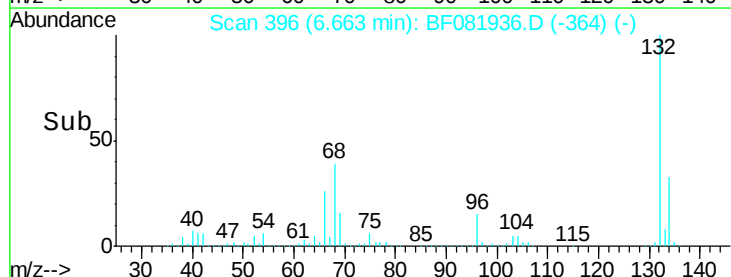
65 1689.2 14.7 22.1#

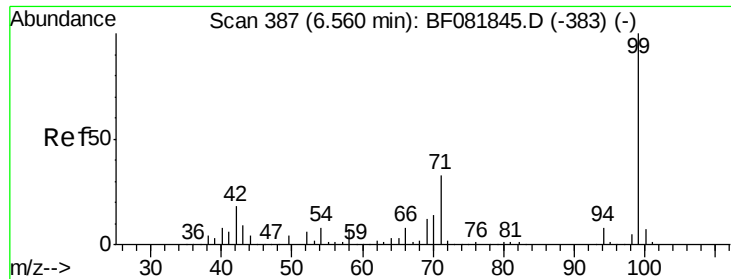


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.78 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

Instrument :

BNA_F

ClientSampleId :

PB85866BL

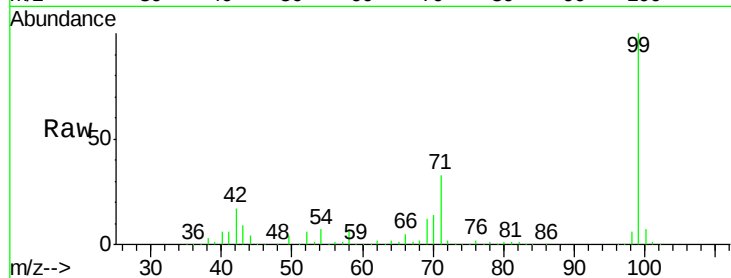
Tgt Ion: 99 Resp: 904791

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

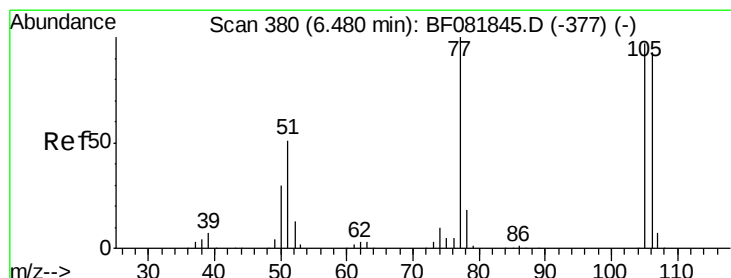
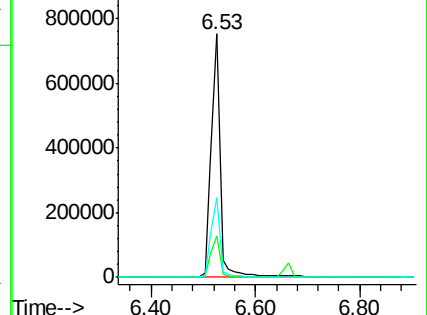
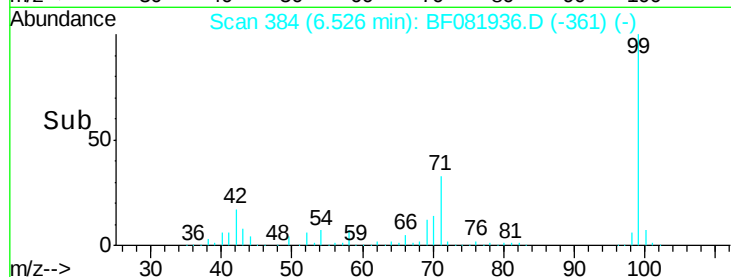
71 32.8 14.2 21.2#



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



#9

Benzaldehyde

Concen: 0.23 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.05 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

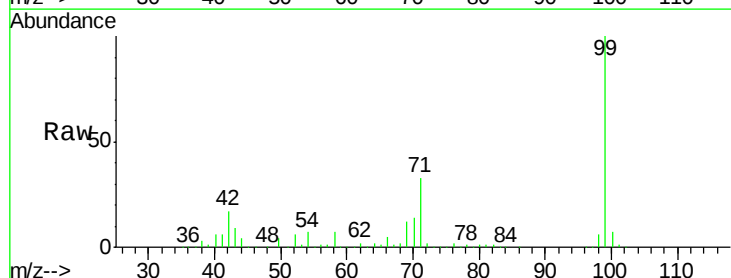
Tgt Ion: 77 Resp: 1135

Ion Ratio Lower Upper

77 100

105 0.0 91.6 131.6#

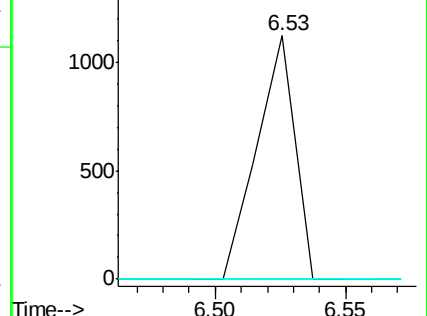
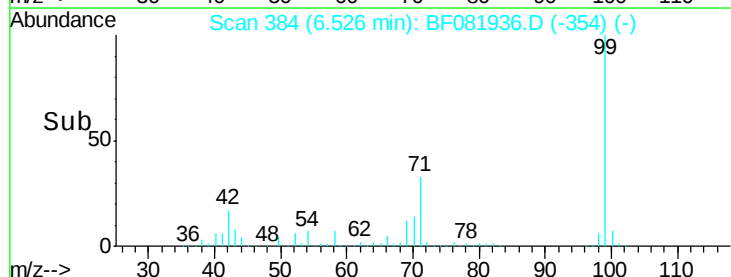
106 0.0 102.6 142.6#

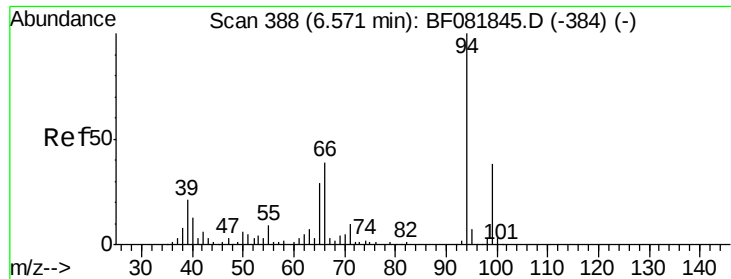


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.16 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.09 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

Instrument :

BNA_F

ClientSampleId :

PB85866BL

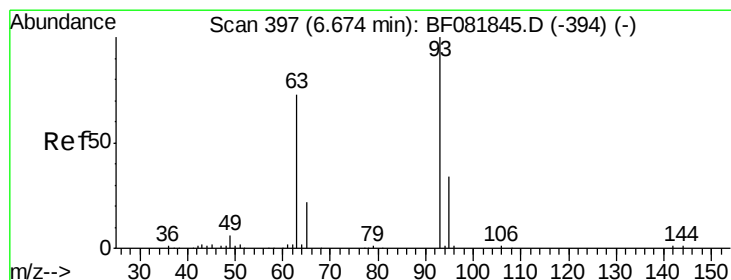
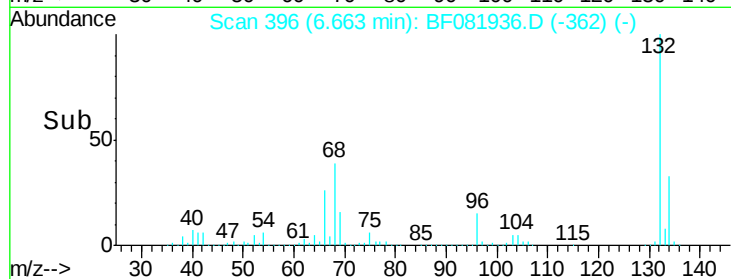
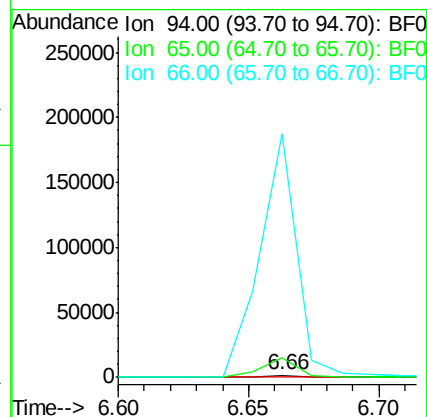
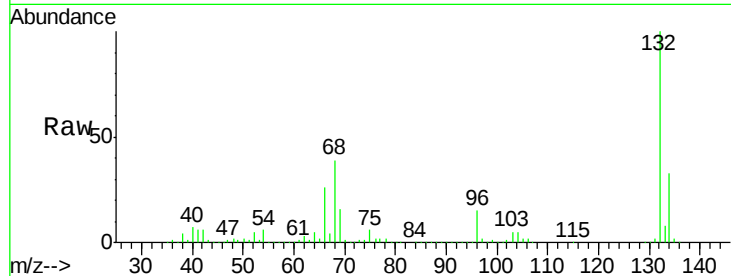
Tgt Ion: 94 Resp: 1324

Ion Ratio Lower Upper

94 100

65 1031.0 0.7 40.7#

66 12610.5 0.8 40.8#



#11

bis(2-Chloroethyl)ether

Concen: 0.09 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

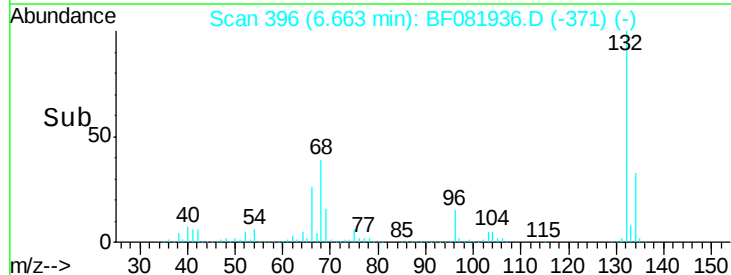
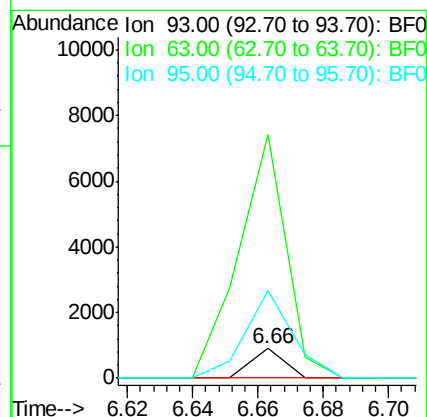
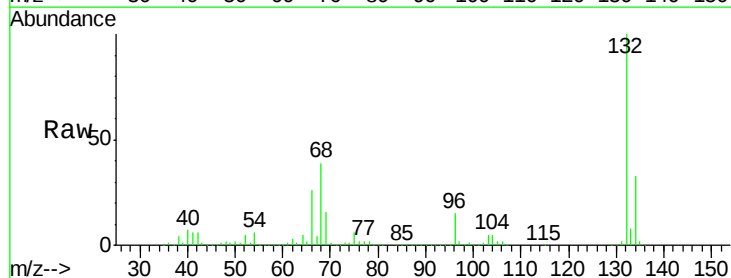
Tgt Ion: 93 Resp: 622

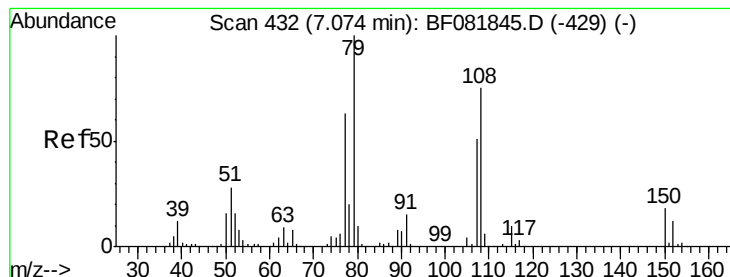
Ion Ratio Lower Upper

93 100

63 818.1 65.6 105.6#

95 292.6 13.6 53.6#





#15

Benzyl Alcohol

Concen: 1.67 ng

RT: 7.05 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

Instrument :

BNA_F

ClientSampled :

PB85866BL

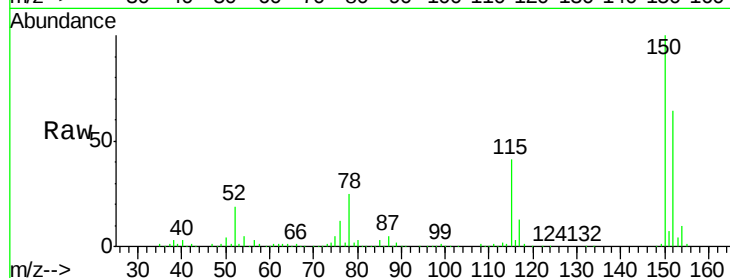
Tgt Ion: 79 Resp: 9085

Ion Ratio Lower Upper

79 100

108 31.4 88.6 132.8#

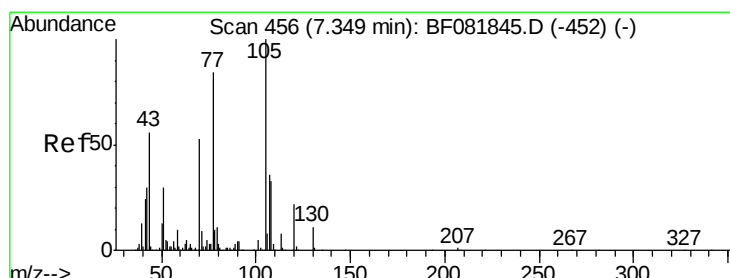
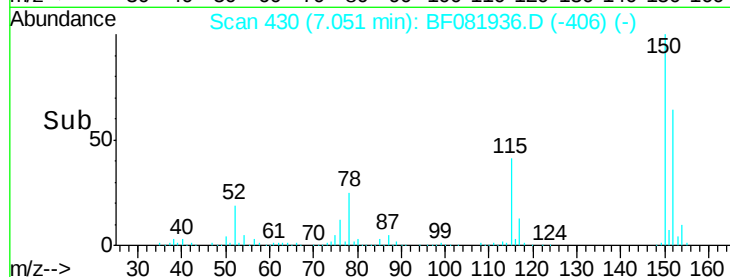
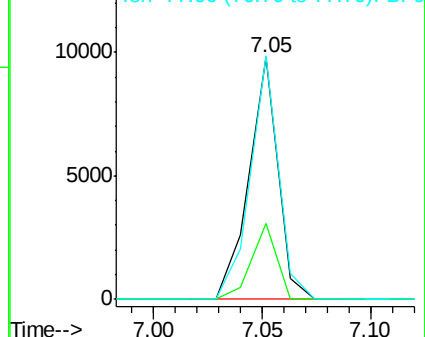
77 100.6 47.0 70.4#



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: 15.10 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

Tgt Ion: 70 Resp: 69338

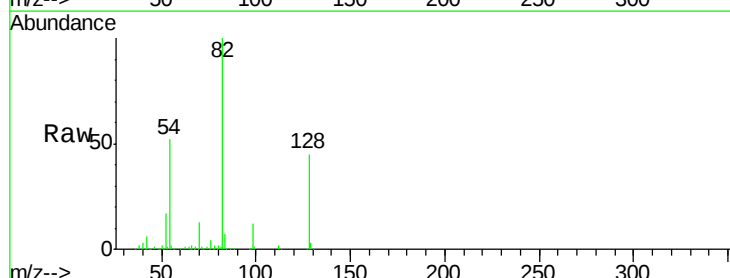
Ion Ratio Lower Upper

70 100

42 44.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

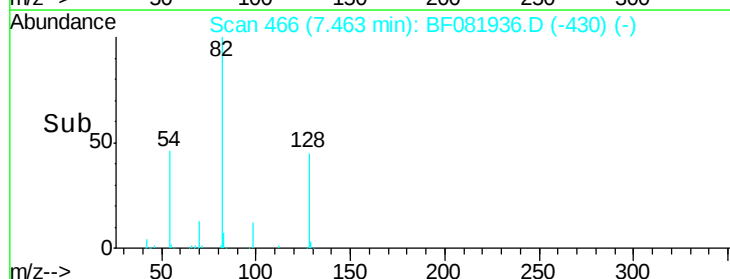
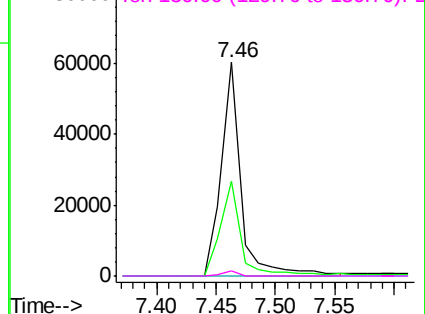


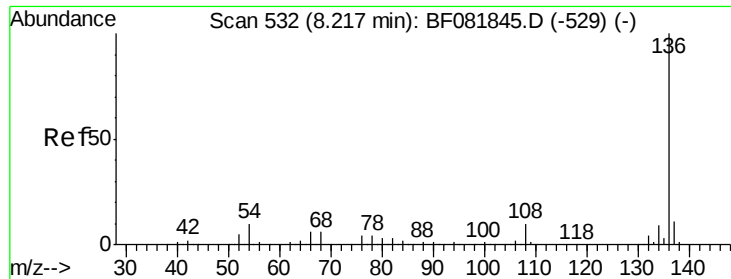
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

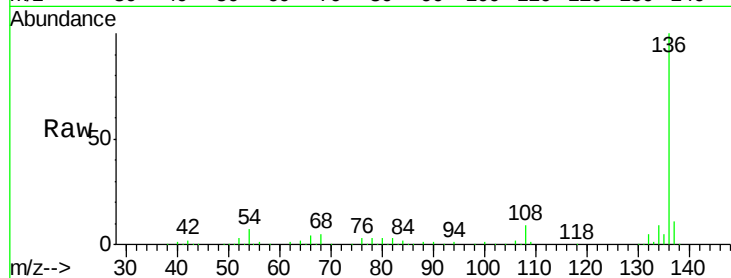




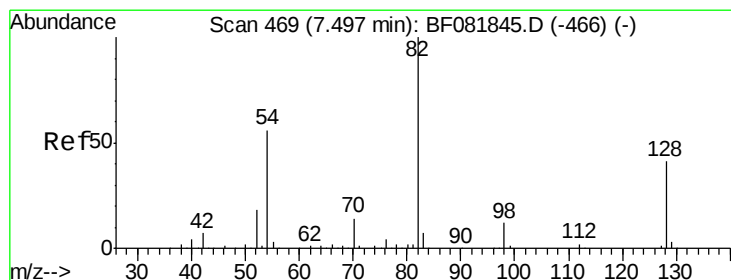
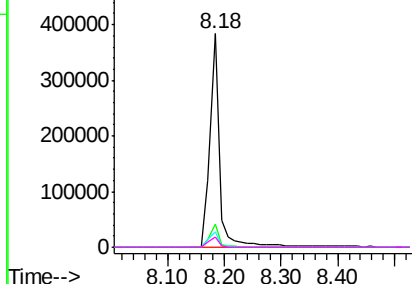
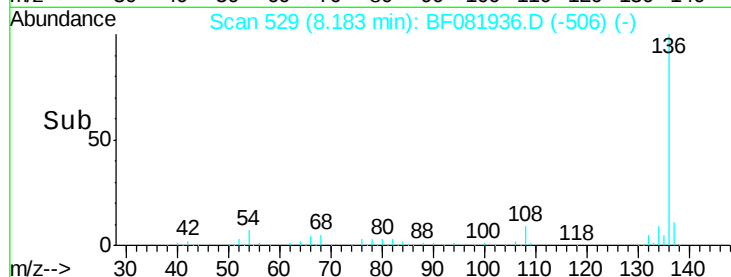
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081936.D
Acq: 1 Oct 2015 13:37

Instrument :
BNA_F
ClientSampleId :
PB85866BL

Tgt Ion: 136 Resp: 442737
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.1 8.2 12.2#
68 5.0 5.8 8.6#

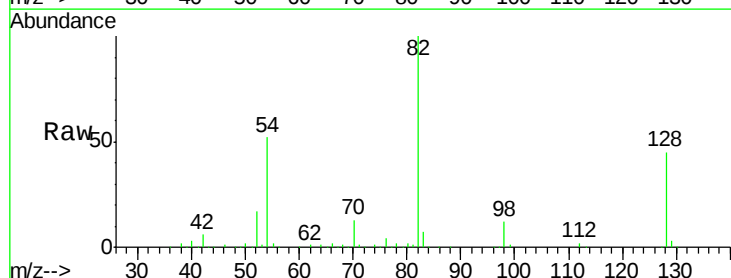


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

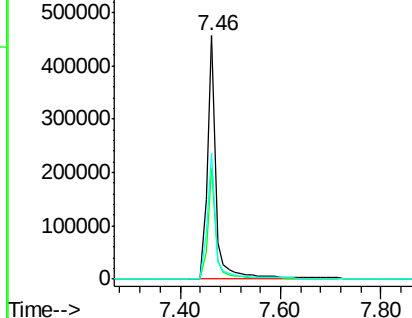
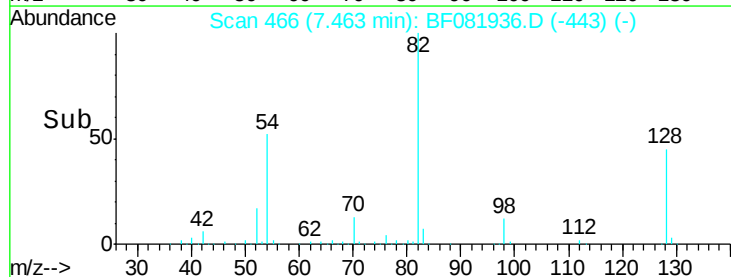


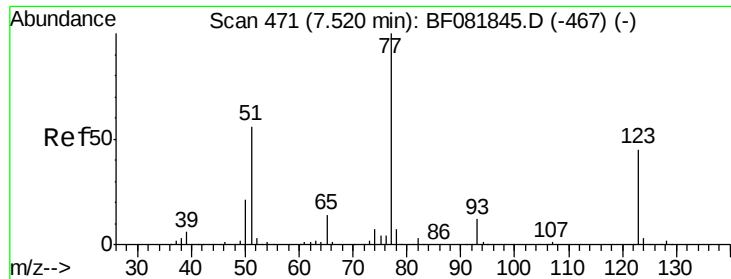
#23
Nitrobenzene-d5
Concen: 84.43 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081936.D
Acq: 1 Oct 2015 13:37

Tgt Ion: 82 Resp: 560729
Ion Ratio Lower Upper
82 100
128 45.5 51.0 76.6#
54 51.9 47.5 71.3



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

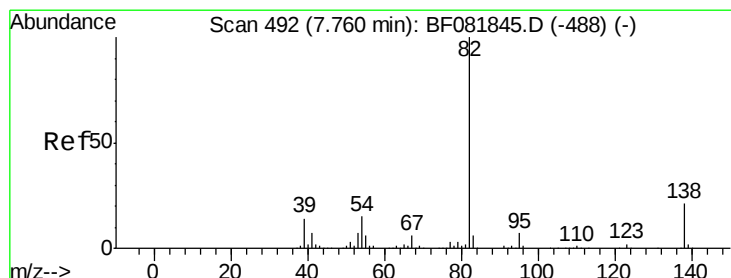
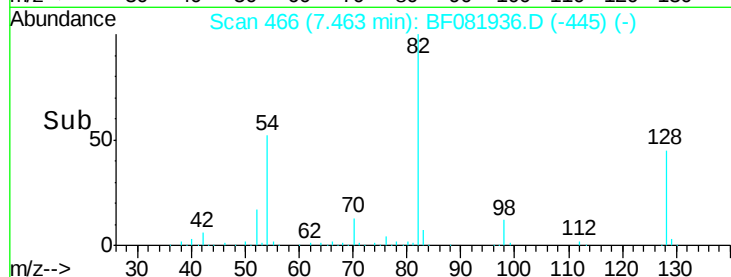
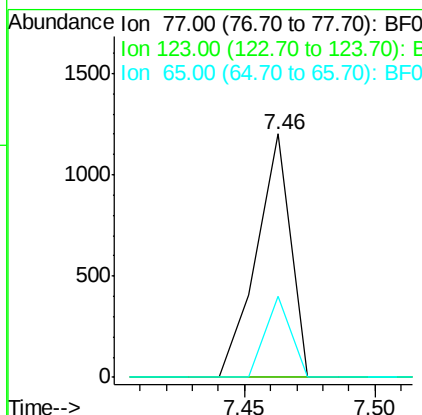
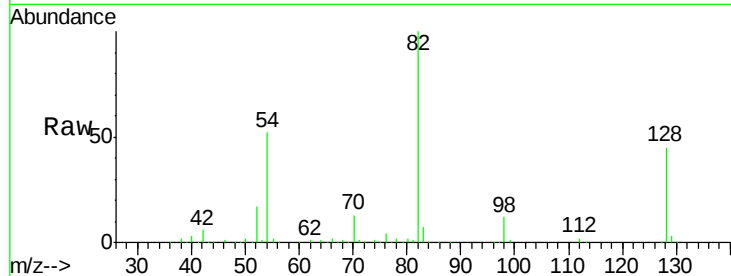




#24
 Nitrobenzene
 Concen: 0.15 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

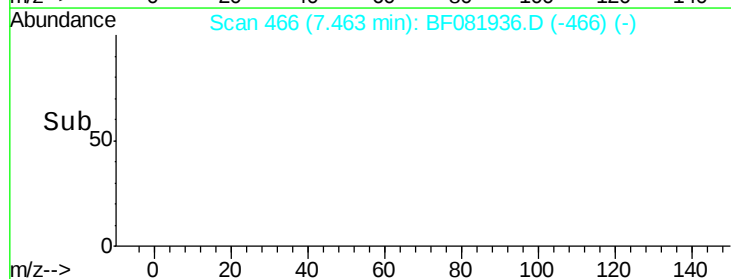
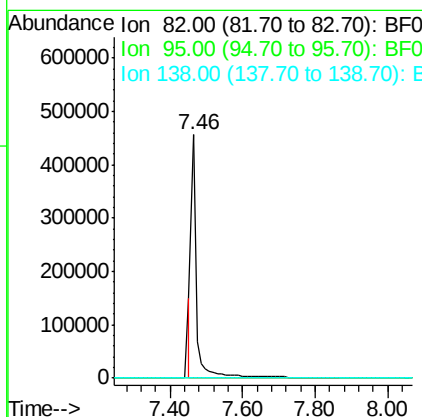
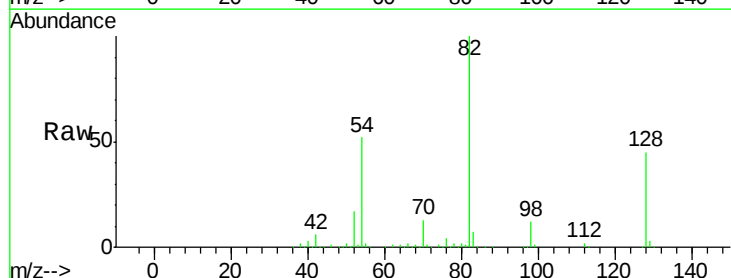
Instrument :
 BNA_F
 ClientSampleId :
 PB85866BL

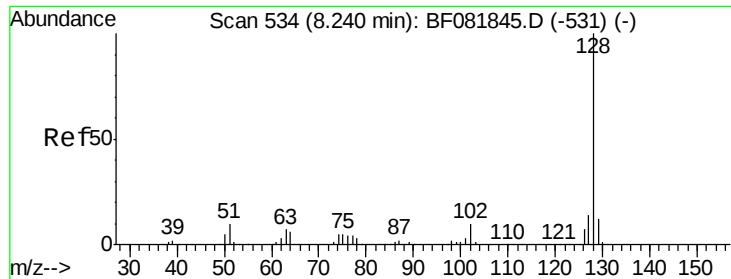
Tgt Ion: 77 Resp: 1102
 Ion Ratio Lower Upper
 77 100
 123 0.0 59.8 89.8#
 65 33.1 10.2 15.4#



#25
 Isophorone
 Concen: 34.15 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.30 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

Tgt Ion: 82 Resp: 449538
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

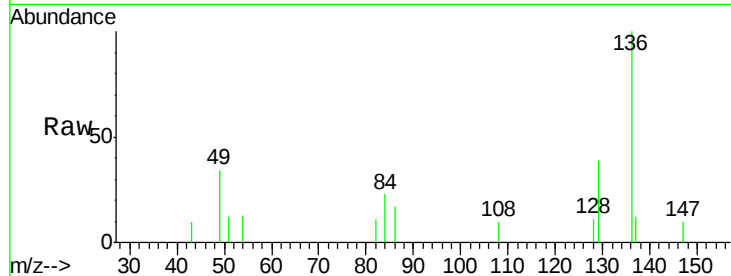




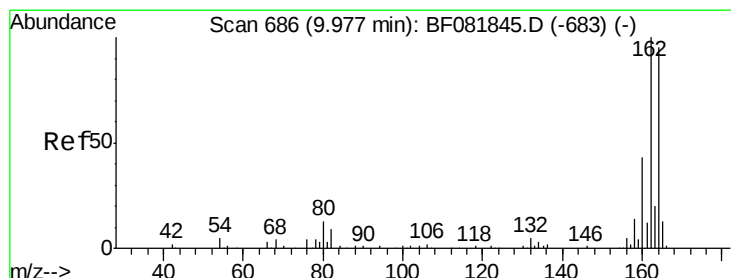
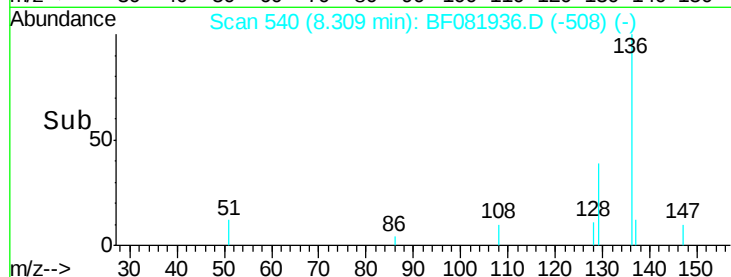
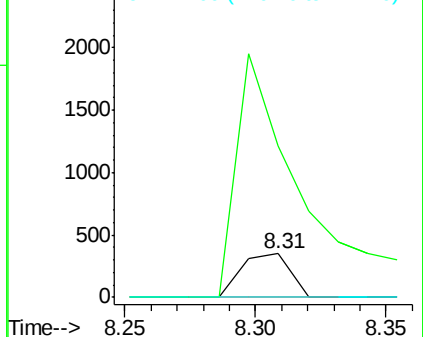
#31
Naphthalene
Concen: 0.02 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.07 min
Lab File: BF081936.D
Acq: 1 Oct 2015 13:37

Instrument :
BNA_F
ClientSampleId :
PB85866BL

Tgt Ion:128 Resp: 455
Ion Ratio Lower Upper
128 100
129 345.3 8.4 12.6#
127 0.0 9.9 14.9#

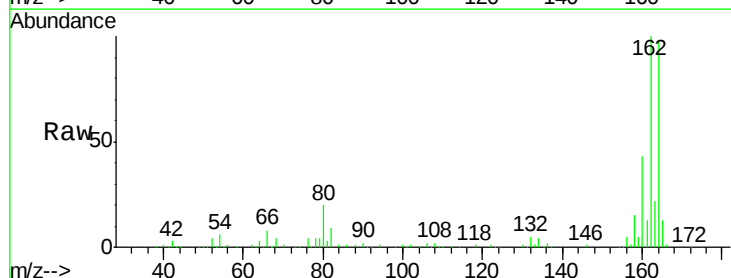


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

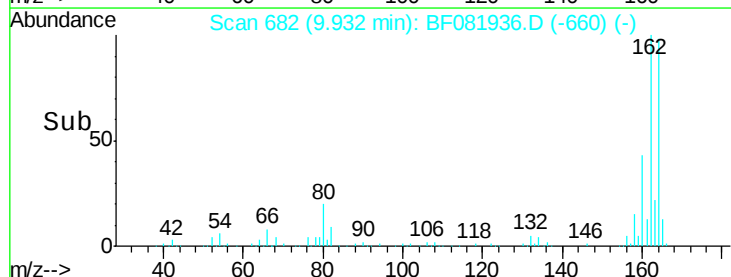
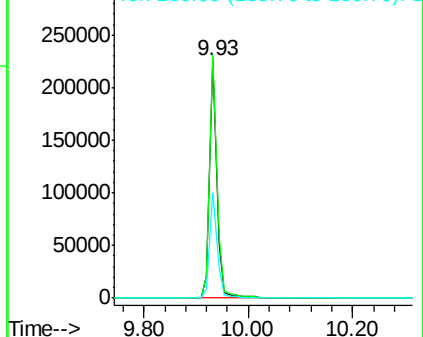


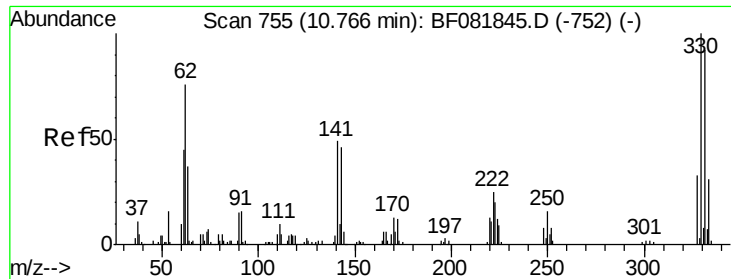
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081936.D
Acq: 1 Oct 2015 13:37

Tgt Ion:164 Resp: 220994
Ion Ratio Lower Upper
164 100
162 102.2 75.2 112.8
160 44.4 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

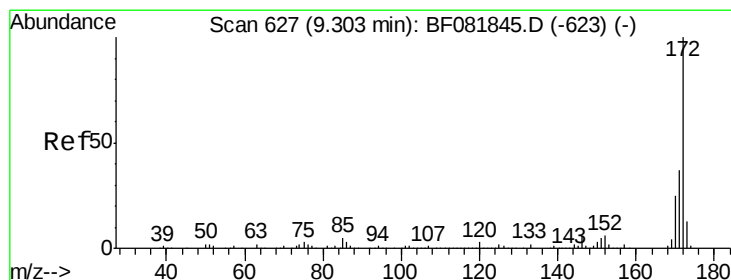
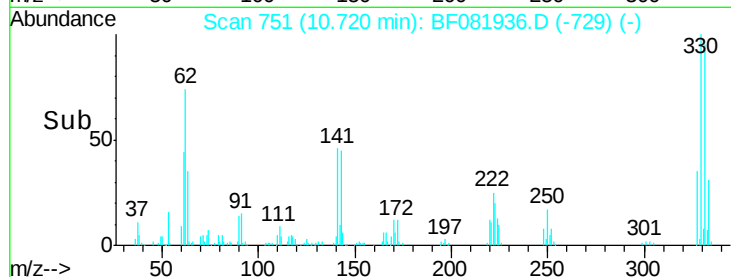
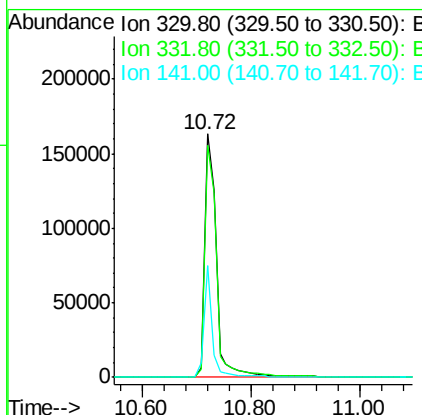
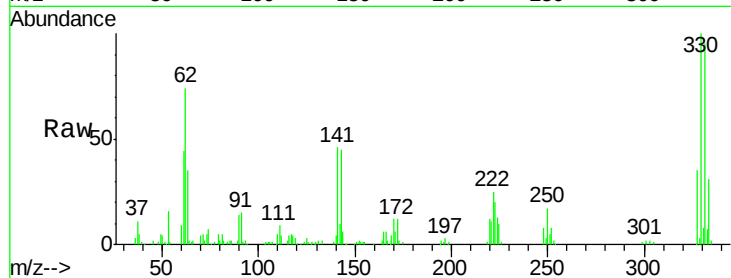




#41
 2,4,6-Tribromophenol
 Concen: 108.26 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

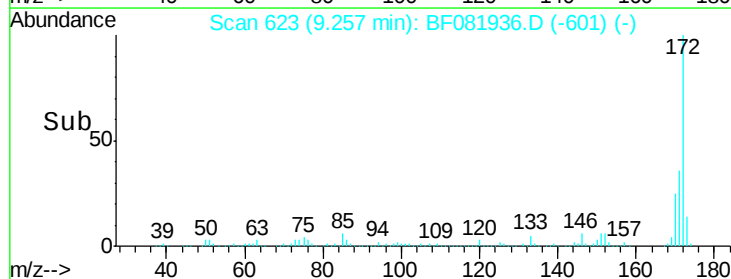
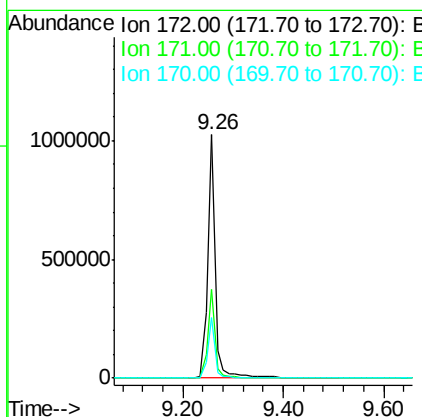
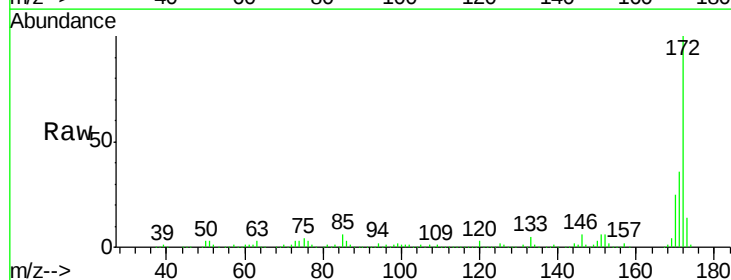
Instrument :
 BNA_F
 ClientSampleId :
 PB85866BL

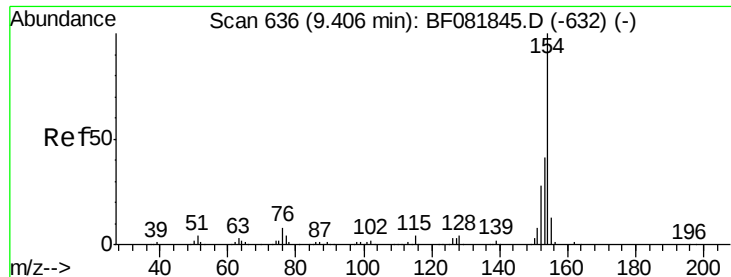
Tgt Ion:330 Resp: 242307
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 33.0 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 81.71 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

Tgt Ion:172 Resp: 1087249
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.7 17.4 26.2

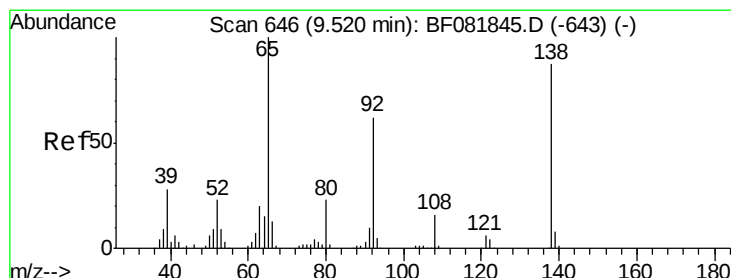
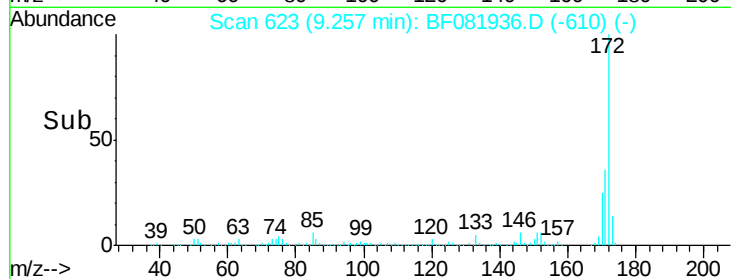
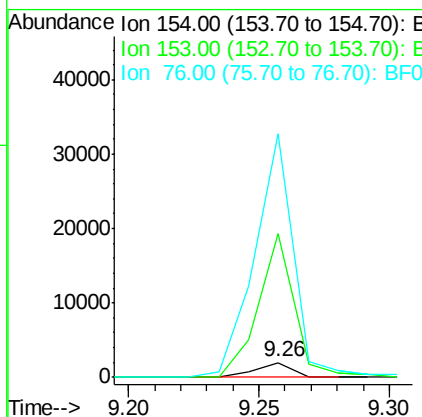
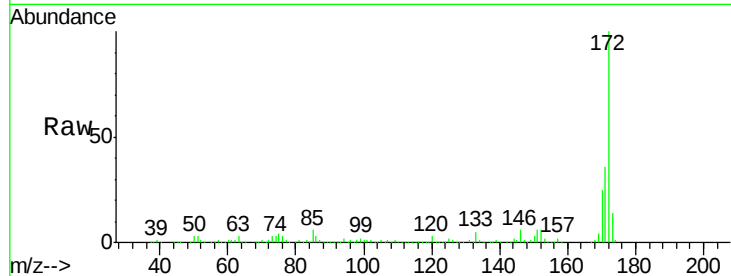




#45
 1,1'-Biphenyl
 Concen: 0.11 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.15 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

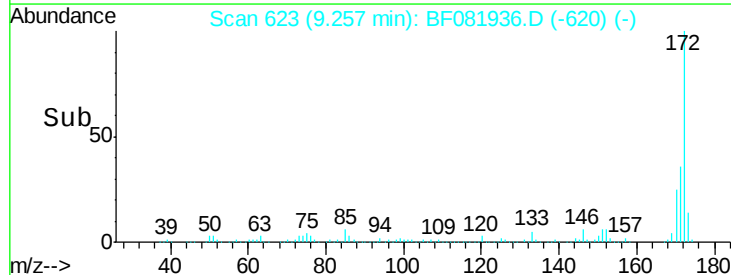
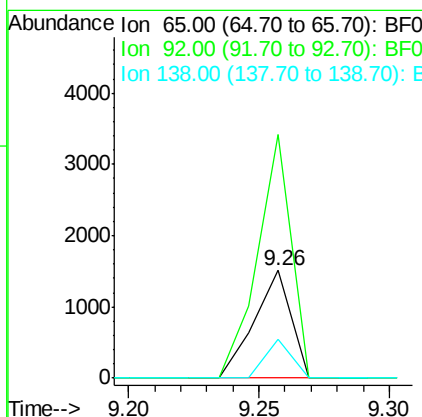
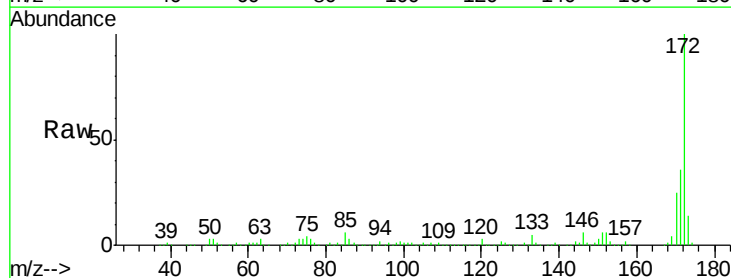
Instrument :
 BNA_F
 ClientSampleId :
 PB85866BL

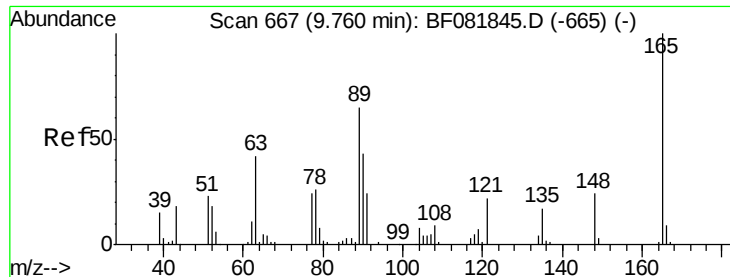
Tgt Ion:154 Resp: 1819
 Ion Ratio Lower Upper
 154 100
 153 991.0 17.1 57.1#
 76 1679.7 0.0 31.6#



#47
 2-Nitroaniline
 Concen: 0.37 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.26 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

Tgt Ion: 65 Resp: 1466
 Ion Ratio Lower Upper
 65 100
 92 226.4 55.4 83.0#
 138 36.3 115.5 173.3#

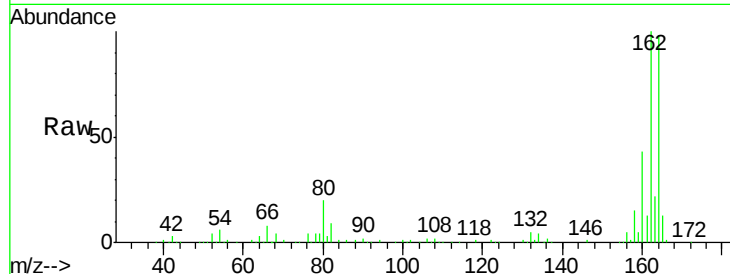




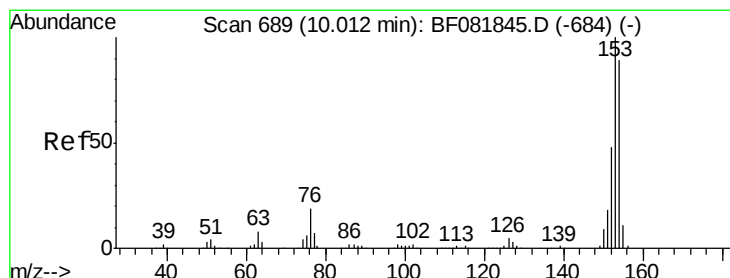
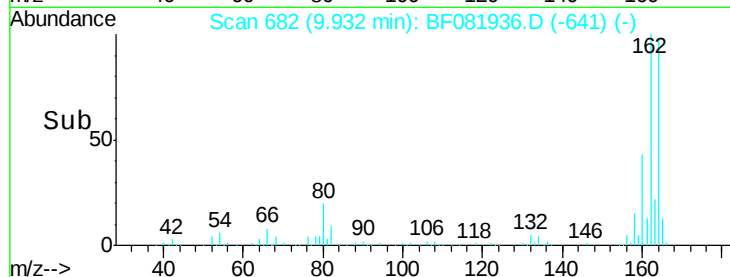
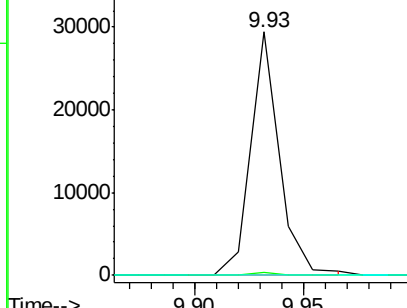
#50
 2,6-Dinitrotoluene
 Concen: 8.15 ng
 RT: 9.93 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85866BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.3	48.5#
89	0.0	28.6	43.0#

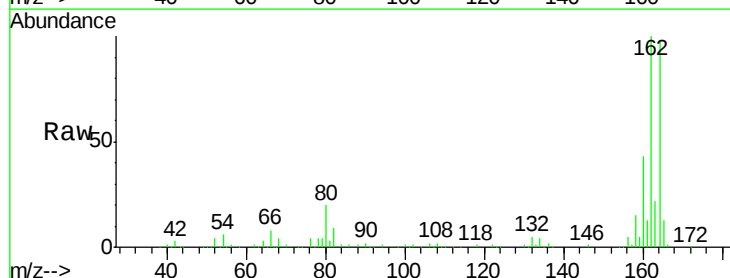


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

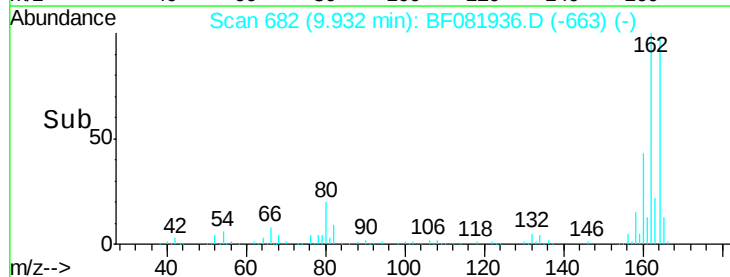
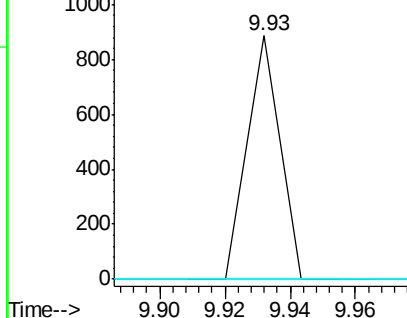


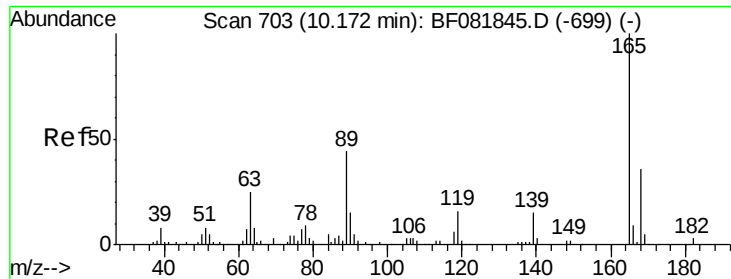
#51
 Acenaphthene
 Concen: 0.05 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.08 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	82.1	123.1#
152	0.0	37.9	56.9#



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

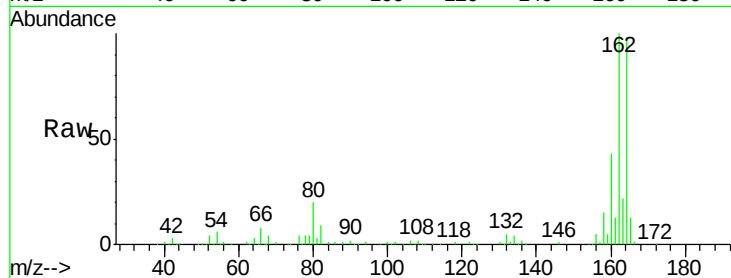




#56
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF081936.D
Acq: 1 Oct 2015 13:37

Instrument :
BNA_F
ClientSampleId :
PB85866BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

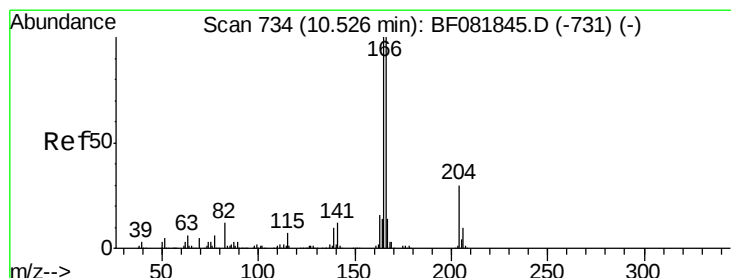
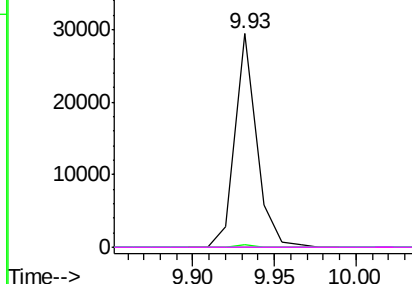
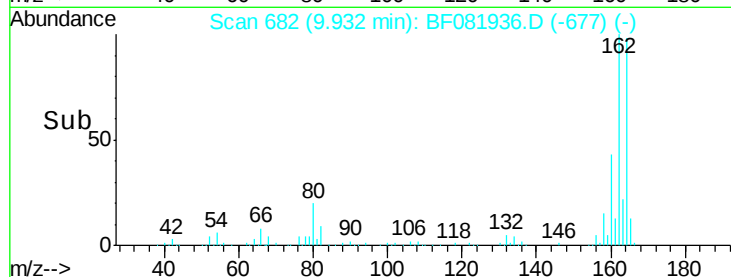


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

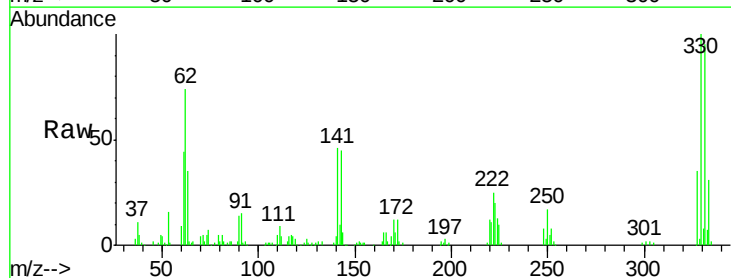
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.72 min Scan# 751
Delta R.T. 0.19 min
Lab File: BF081936.D
Acq: 1 Oct 2015 13:37

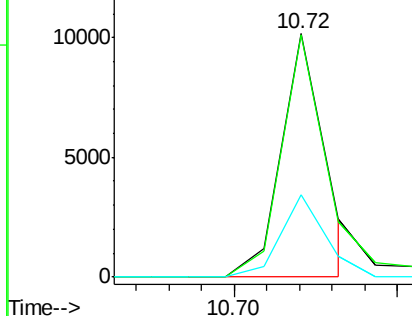
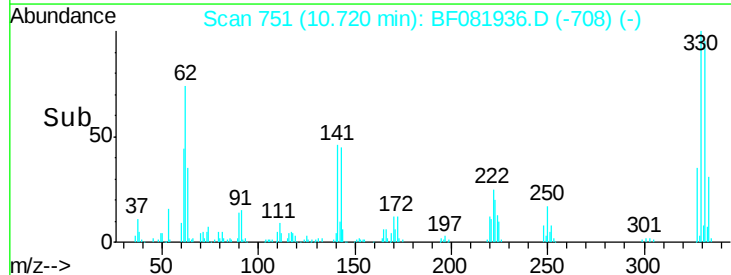
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	72.6	109.0
167	33.6	10.6	16.0#

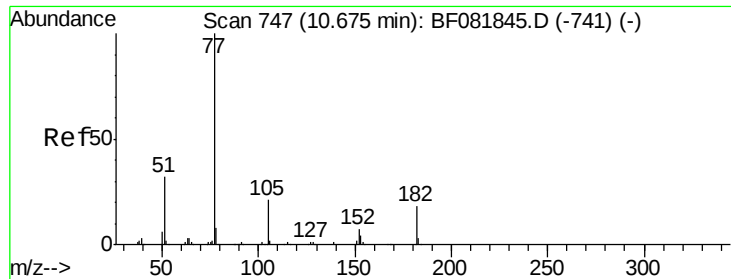


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 0.05 ng

RT: 10.72 min Scan# 751

Delta R.T. 0.05 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

Instrument :

BNA_F

ClientSampleId :

PB85866BL

Tgt Ion: 77 Resp: 734

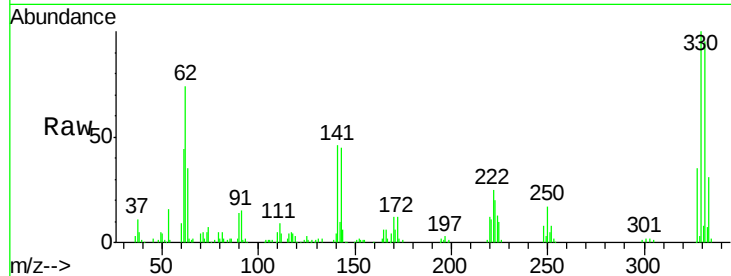
Ion Ratio Lower Upper

77 100

182 0.0 15.1 55.1#

105 94.9 3.4 43.4#

51 102.1 12.0 52.0#

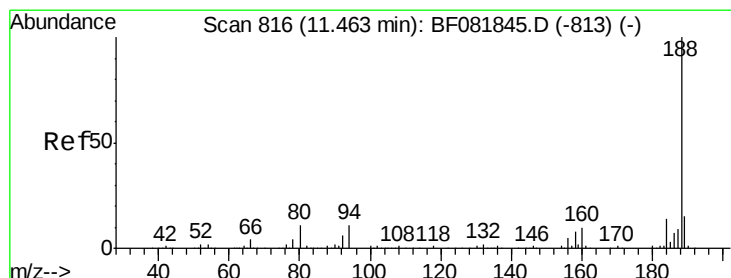
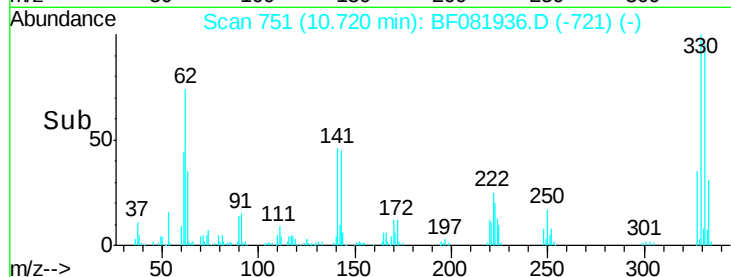
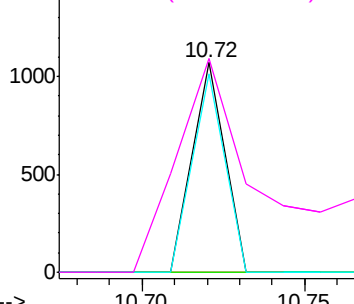


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

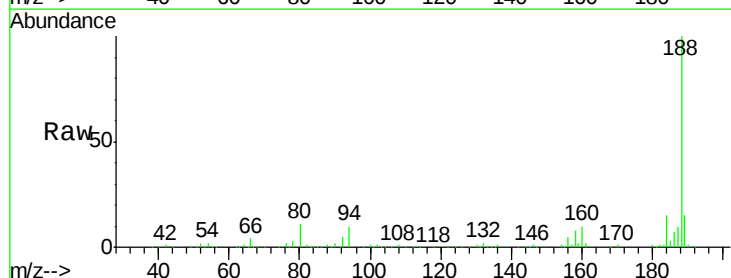
Tgt Ion: 188 Resp: 438497

Ion Ratio Lower Upper

188 100

94 9.9 11.1 16.7#

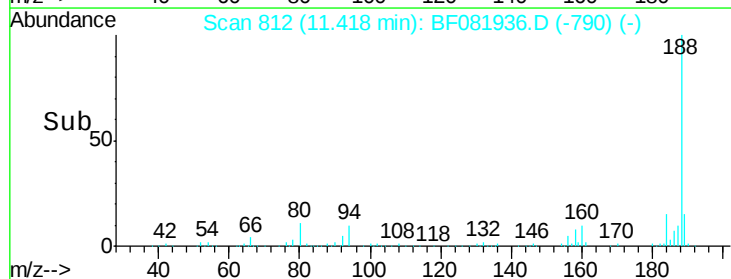
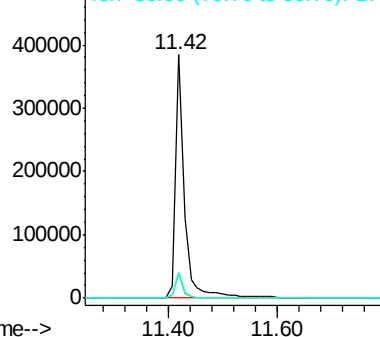
80 10.5 11.0 16.4#

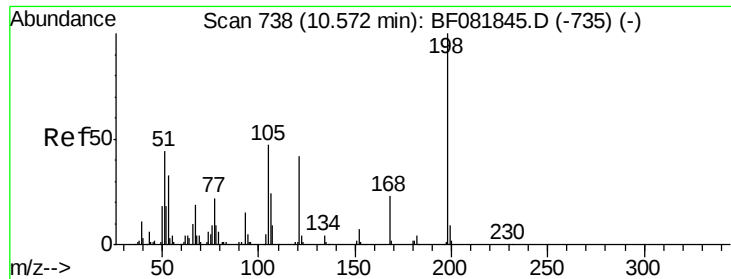


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

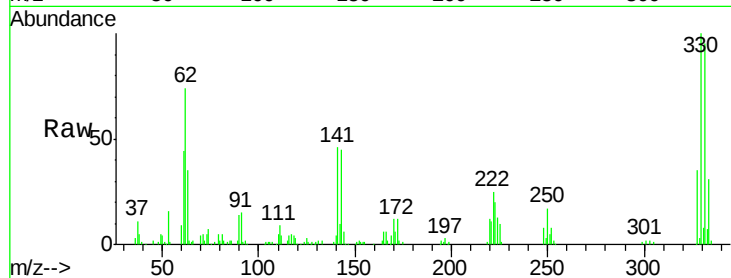




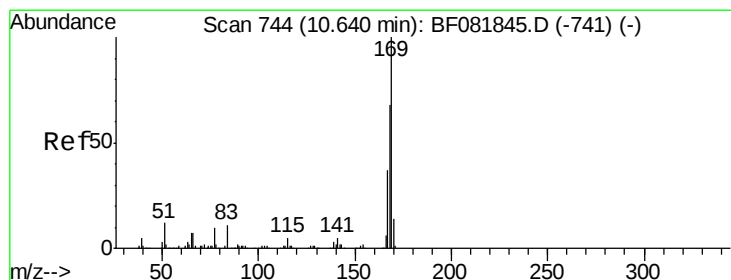
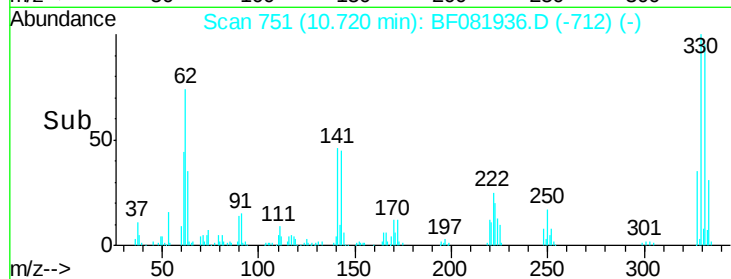
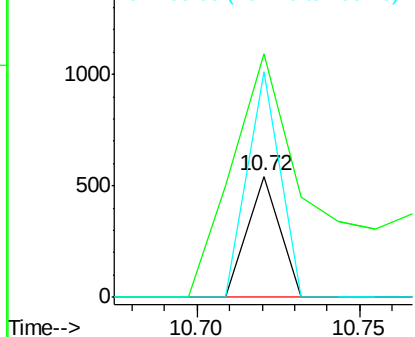
#64
 4,6-Dinitro-2-methylphenol
 Concen: 1.38 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.15 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

Instrument :
 BNA_F
 ClientSampled :
 PB85866BL

Tgt Ion:198 Resp: 372
 Ion Ratio Lower Upper
 198 100
 51 201.5 39.6 79.6#
 105 187.3 28.5 68.5#

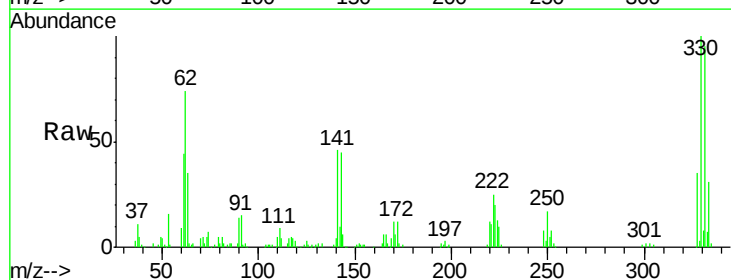


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

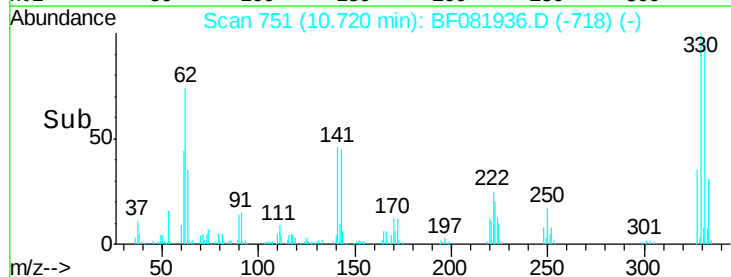
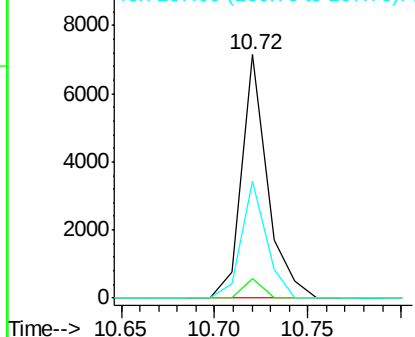


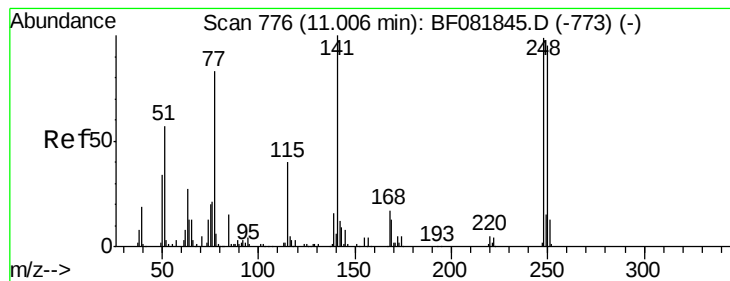
#65
 n-Nitrosodiphenylamine
 Concen: 0.52 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.08 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

Tgt Ion:169 Resp: 6917
 Ion Ratio Lower Upper
 169 100
 168 7.8 48.9 73.3#
 167 47.8 26.2 39.4#



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: 3.35 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.29 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

Instrument :

BNA_F

ClientSampleId :

PB85866BL

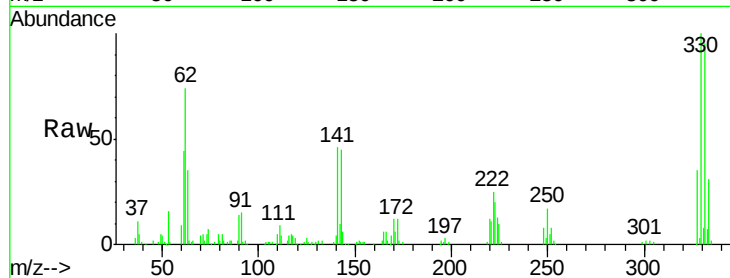
Tgt Ion:248 Resp: 14805

Ion Ratio Lower Upper

248 100

250 204.4 78.5 117.7#

141 568.8 59.0 88.6#

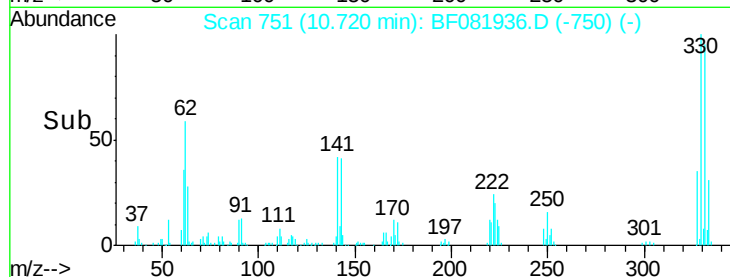


Abundance Ion 248.00 (247.70 to 248.70): E

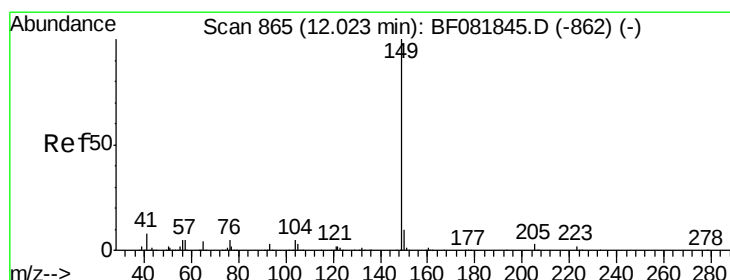
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.98 min Scan# 861

Delta R.T. -0.05 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

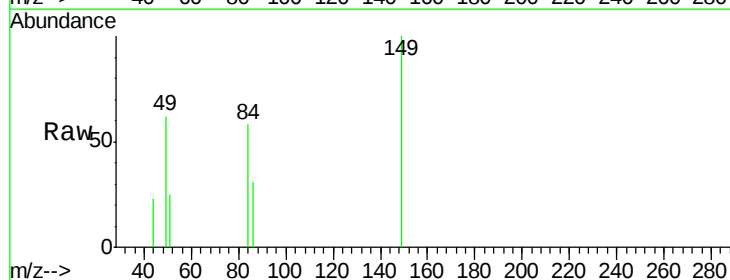
Tgt Ion:149 Resp: 1410

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

104 0.0 2.4 3.6#

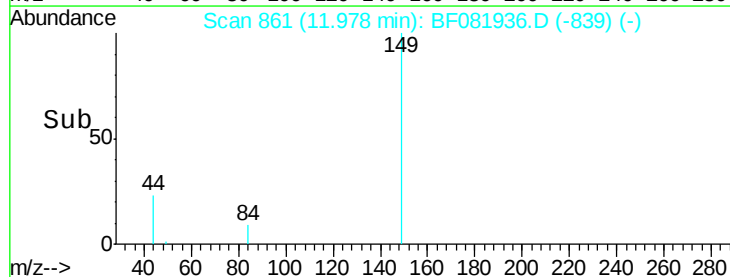


Abundance Ion 149.00 (148.70 to 149.70): E

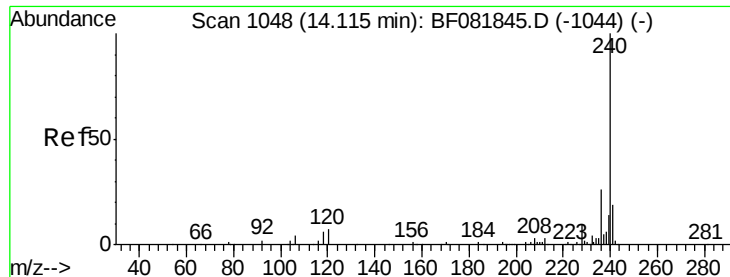
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

Instrument :

BNA_F

ClientSampleId :

PB85866BL

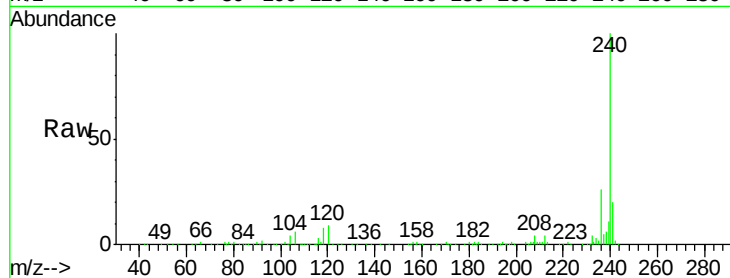
Tgt Ion:240 Resp: 430186

Ion Ratio Lower Upper

240 100

120 9.4 16.2 24.2#

236 26.1 18.4 27.6



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

400000

300000

200000

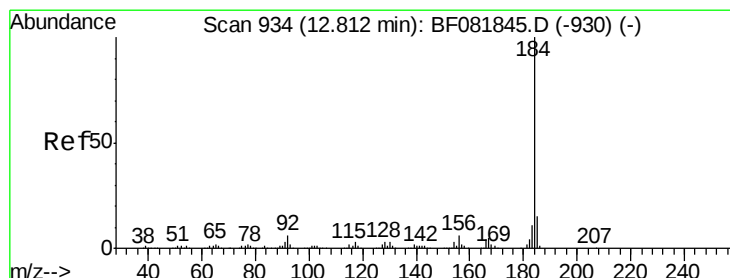
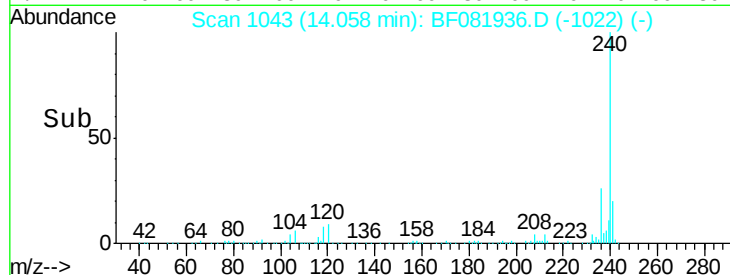
100000

0

14.06

14.00 14.20 14.40

Time-->



#76

Benzidine

Concen: 1.08 ng

RT: 13.01 min Scan# 951

Delta R.T. 0.19 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

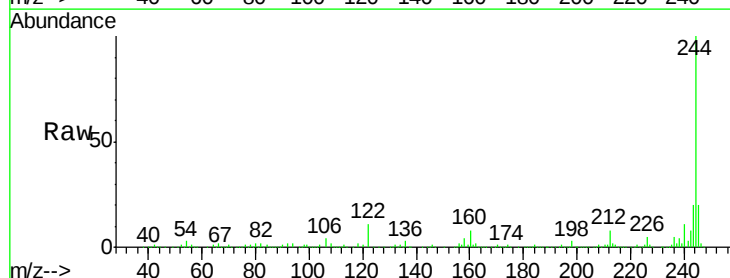
Tgt Ion:184 Resp: 14051

Ion Ratio Lower Upper

184 100

185 17.8 11.8 17.6#

183 12.3 7.6 11.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

20000

15000

10000

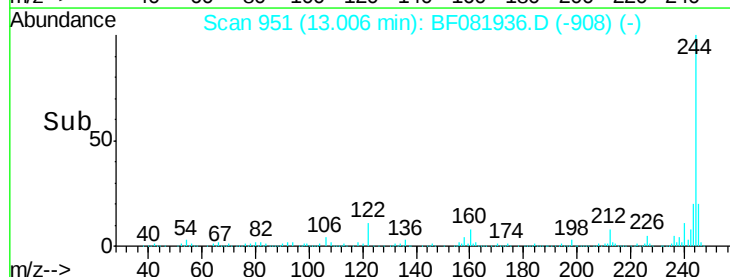
5000

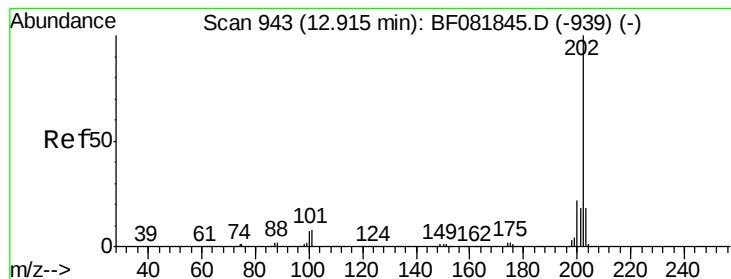
0

13.01

12.95 13.00

Time-->





#77

Pyrene

Concen: 0.13 ng

RT: 13.01 min Scan# 951

Delta R.T. 0.09 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

Instrument :

BNA_F

ClientSampleId :

PB85866BL

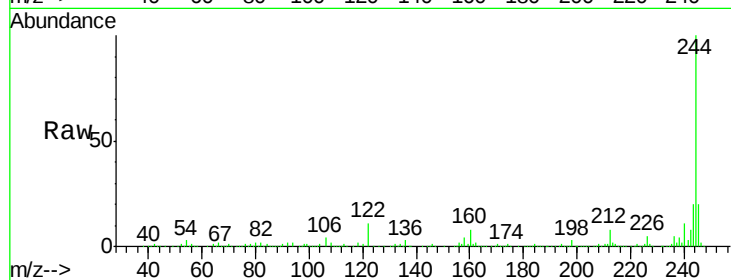
Tgt Ion:202 Resp: 3385

Ion Ratio Lower Upper

202 100

200 46.7 15.0 22.4#

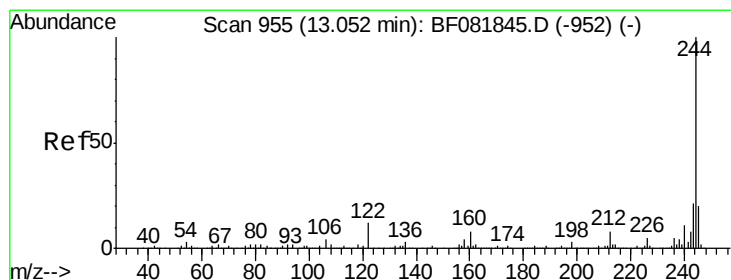
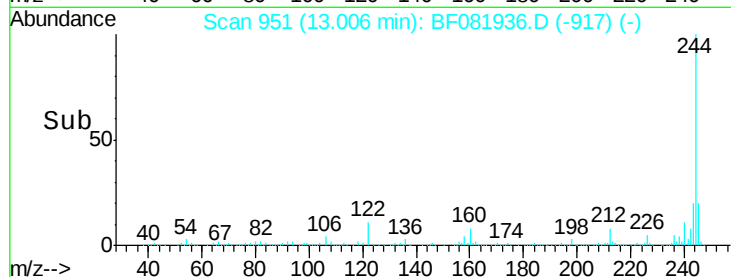
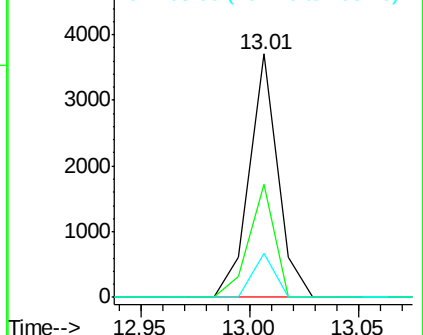
203 18.3 14.1 21.1



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: 84.59 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

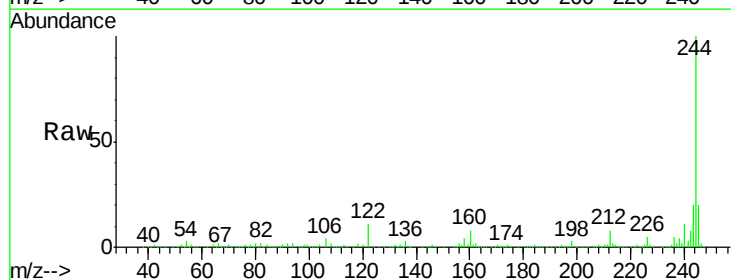
Tgt Ion:244 Resp: 1128178

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

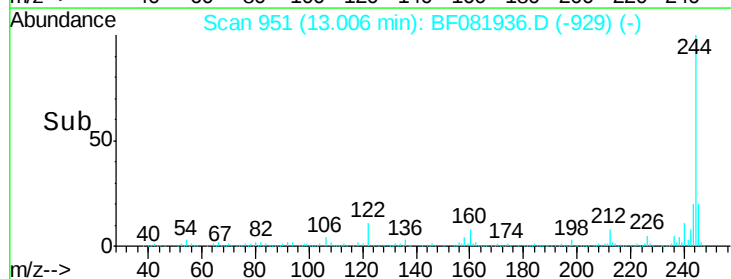
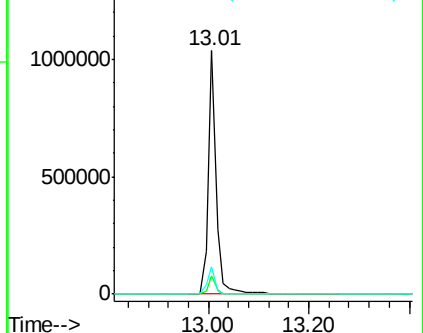
122 11.2 17.4 26.2#

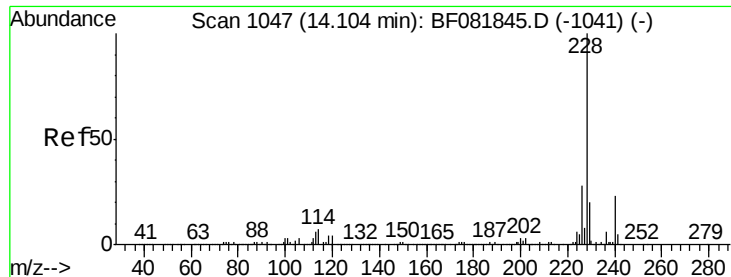


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.10 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

Instrument :

BNA_F

ClientSampleId :

PB85866BL

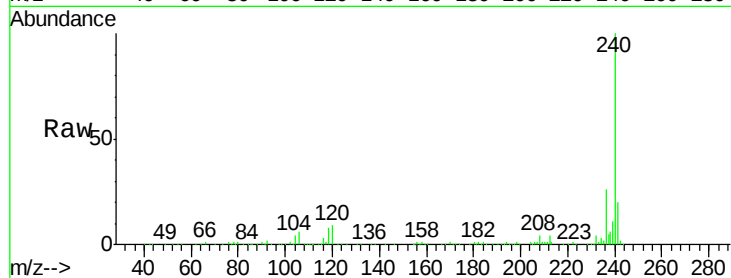
Tgt Ion:228 Resp: 2371

Ion Ratio Lower Upper

228 100

226 0.0 20.0 30.0#

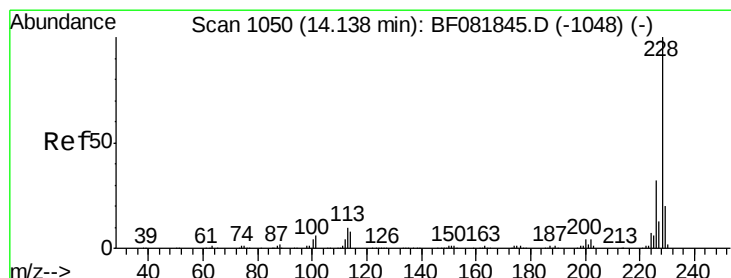
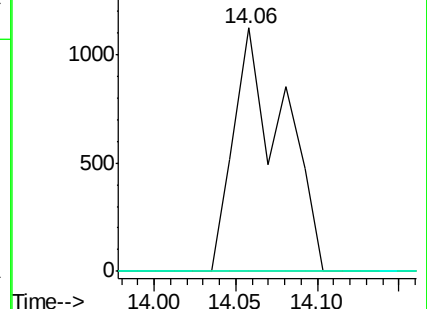
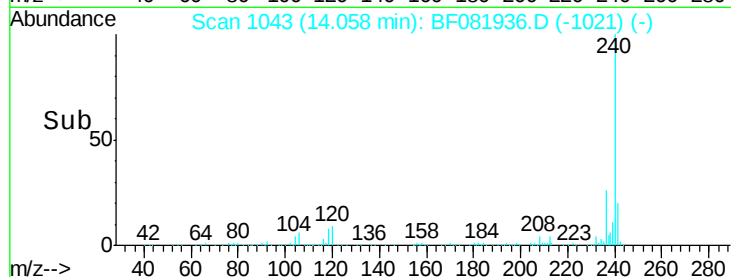
229 0.0 15.4 23.2#



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: 0.98 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.08 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

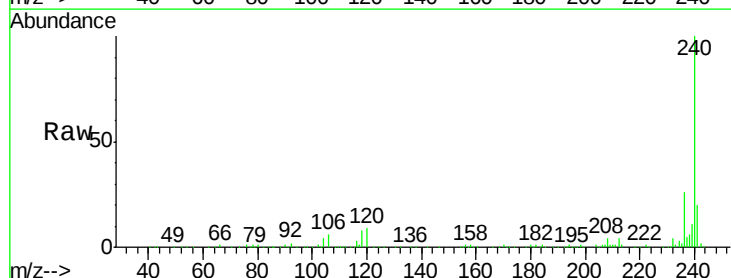
Tgt Ion:228 Resp: 2371

Ion Ratio Lower Upper

228 100

226 0.0 21.0 31.4#

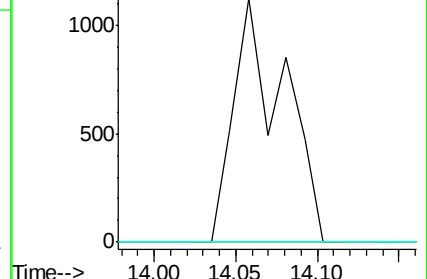
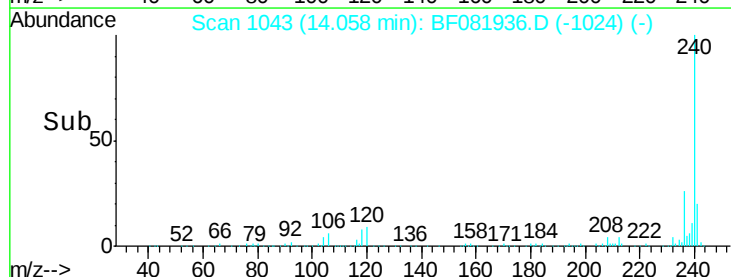
229 0.0 15.6 23.4#

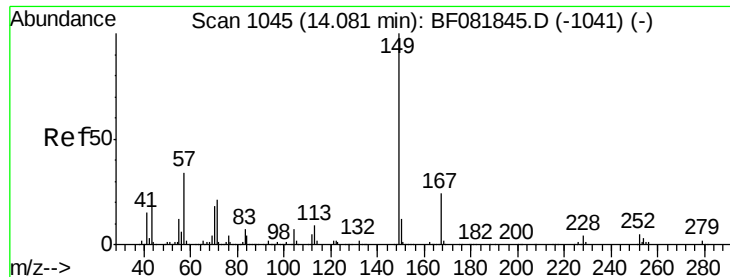


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.05 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.05 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

Instrument :

BNA_F

ClientSampleId :

PB85866BL

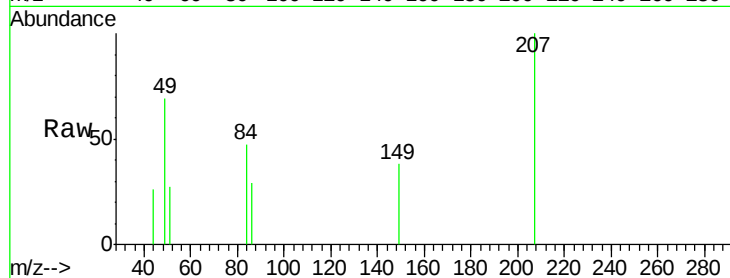
Tgt Ion:149 Resp: 558

Ion Ratio Lower Upper

149 100

167 0.0 24.2 36.2#

279 0.0 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

14.04

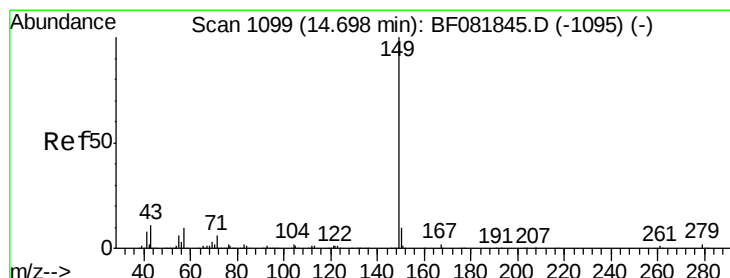
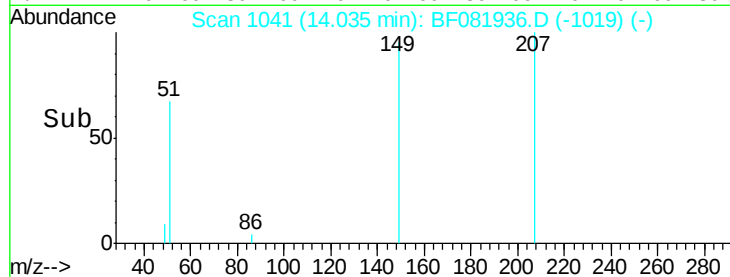
400

200

0

14.00 14.05

Time-->



#84

Di-n-octyl phthalate

Concen: 0.03 ng

RT: 14.65 min Scan# 1095

Delta R.T. -0.05 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

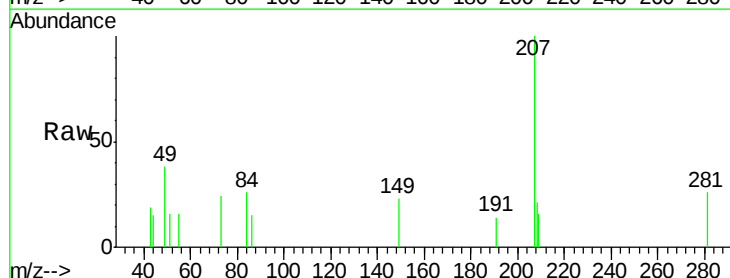
Tgt Ion:149 Resp: 609

Ion Ratio Lower Upper

149 100

167 0.0 1.0 1.6#

43 212.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

14.65

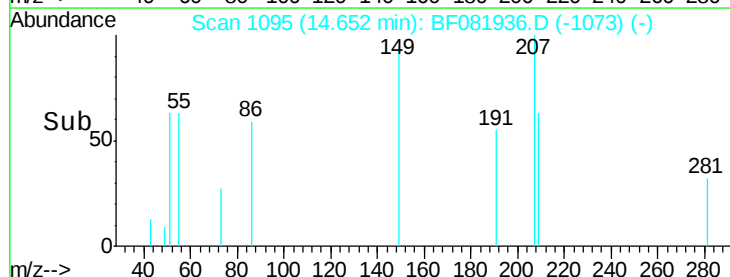
400

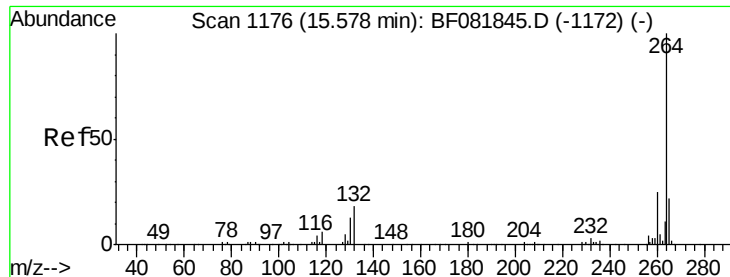
200

0

14.60 14.65

Time-->



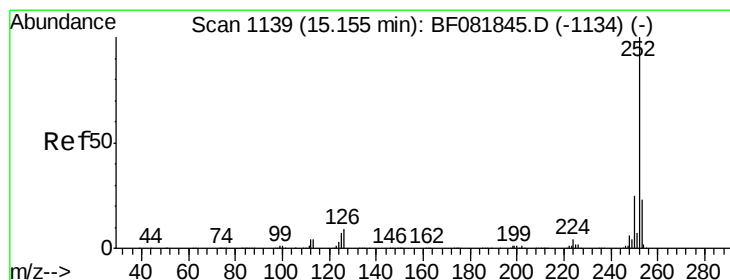
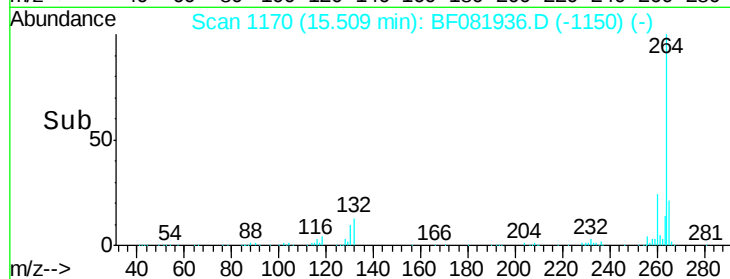
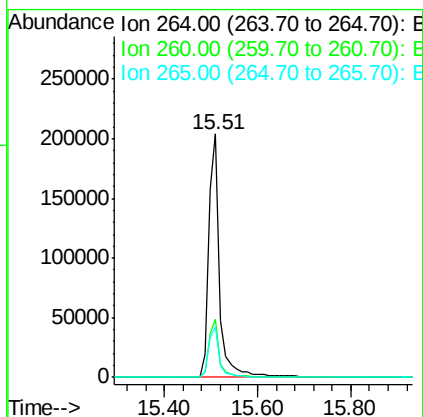
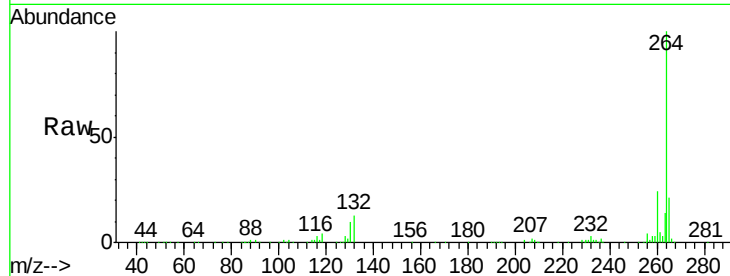


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF081936.D
Acq: 1 Oct 2015 13:37

Instrument :
BNA_F
ClientSampleId :
PB85866BL

Tgt Ion: 264 Resp: 339783

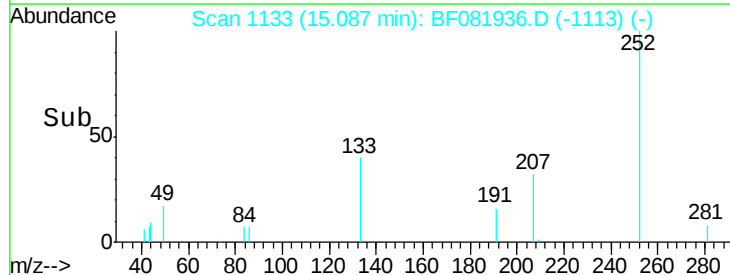
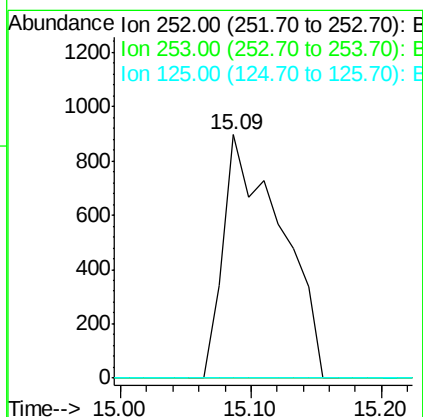
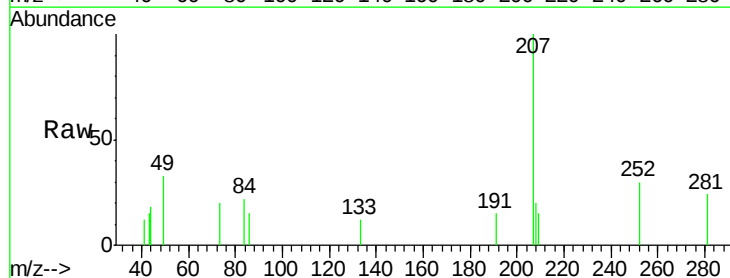
Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	20.7	17.2	25.8

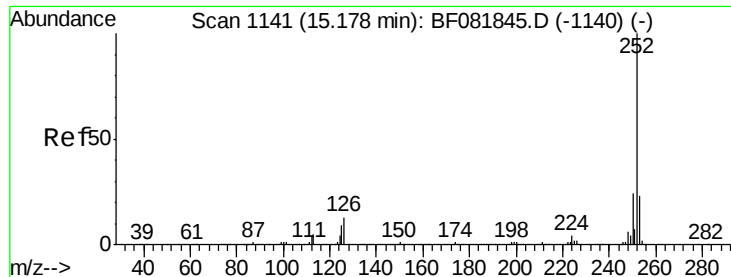


#87
Benzo(b)fluoranthene
Concen: 0.14 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF081936.D
Acq: 1 Oct 2015 13:37

Tgt Ion: 252 Resp: 2751

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	0.0	17.1	25.7#

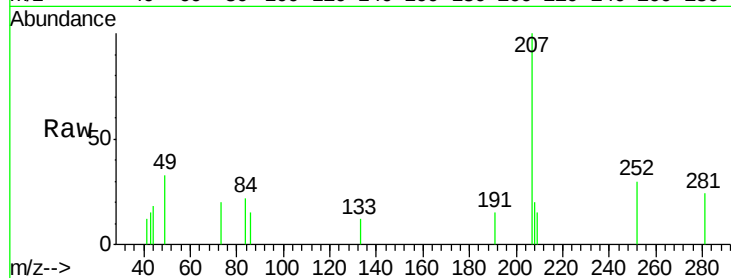




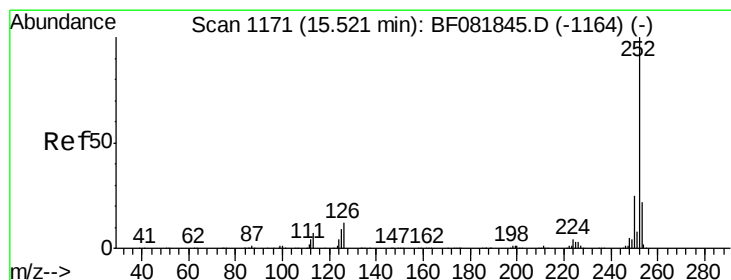
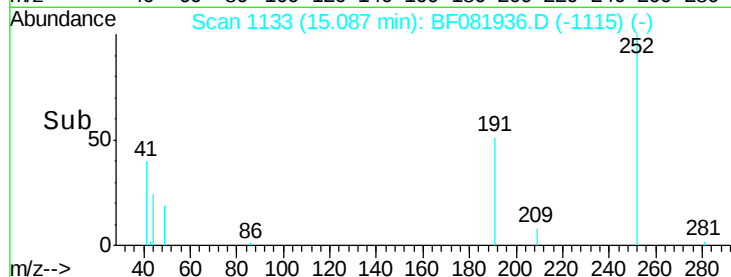
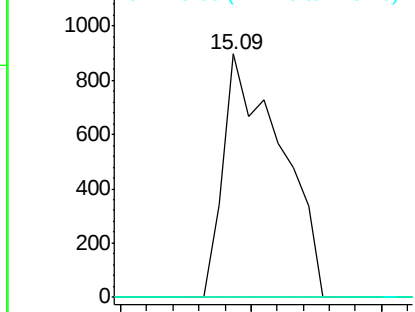
#88
Benzo(k)fluoranthene
Concen: 0.15 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.09 min
Lab File: BF081936.D
Acq: 1 Oct 2015 13:37

Instrument :
BNA_F
ClientSampleId :
PB85866BL

Tgt Ion: 252 Resp: 2751
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.4#
125 0.0 16.0 24.0#

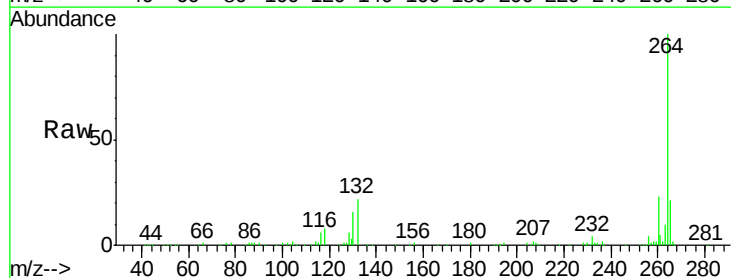


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF081936.D
Acq: 1 Oct 2015 13:37

Tgt Ion: 252 Resp: 837
Ion Ratio Lower Upper
252 100
253 0.0 17.2 25.8#
125 0.0 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

