

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
 Data File : BF088507.D
 Acq On : 29 Jun 2016 22:30
 Operator : UM/SJ
 Sample : PB91573BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BL

Quant Time: Jun 30 02:16:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 02:07:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	218815	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	863785	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	399065	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	773637	20.00	ng	0.00
75) Chrysene-d12	13.95	240	480964	20.00	ng	-0.01
86) Perylene-d12	15.36	264	453414	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1498767	106.07	ng	0.01
7) Phenol-d6	6.46	99	1686772	93.35	ng	0.00
23) Nitrobenzene-d5	7.38	82	1138744	69.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	339153	110.85	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	2037959	80.68	ng	0.00
78) Terphenyl-d14	12.93	244	1596264	64.72	ng	0.01

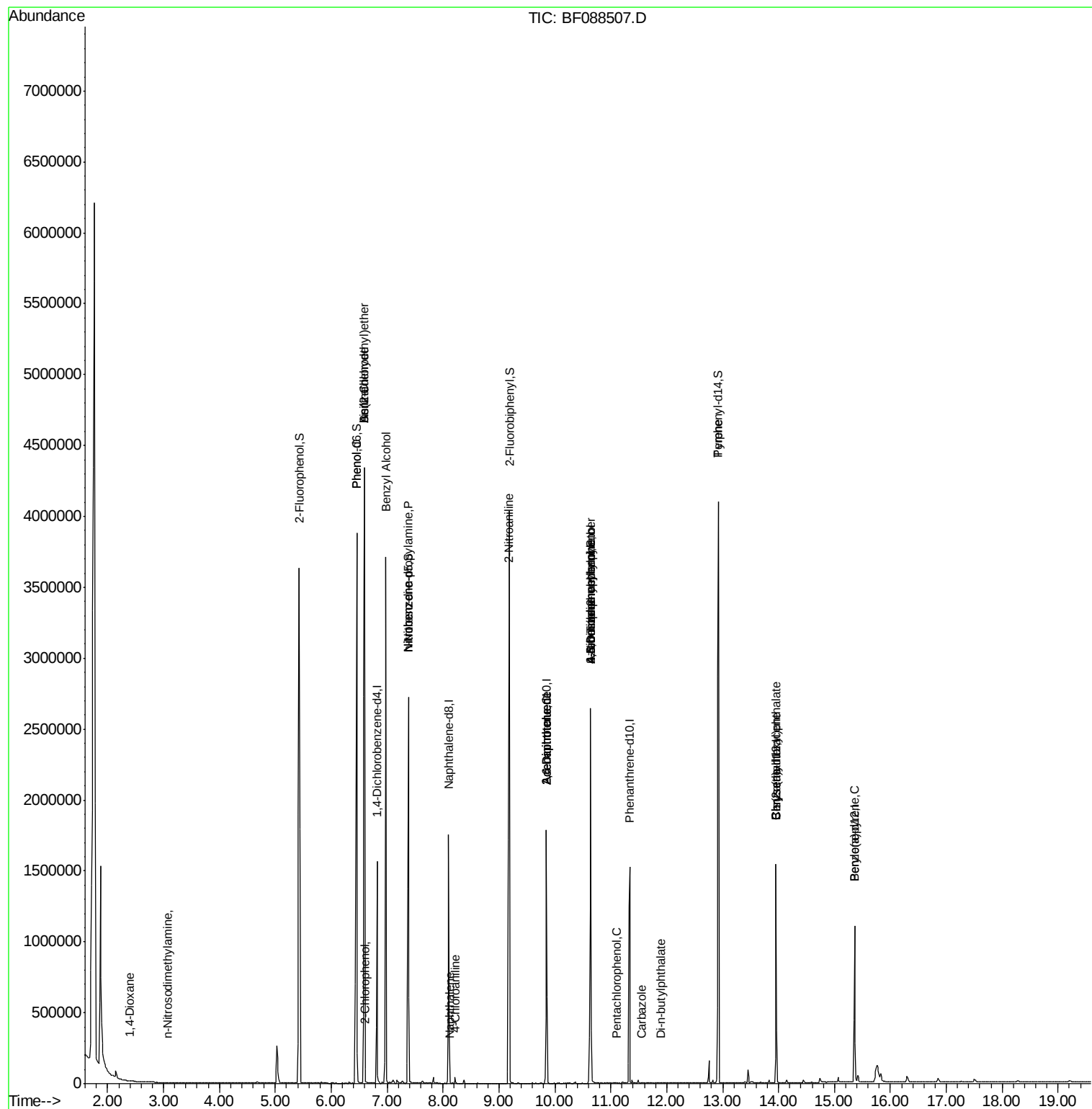
Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	446	0.06	ng	# 88
4) n-Nitrosodimethylamine	3.07	42	210	0.03	ng	# 1
6) Aniline	6.59	93	2185	0.08	ng	# 1
8) 2-Chlorophenol	6.60	128	394	0.03	ng	# 1
9) Benzaldehyde	6.59	77	37709	5.20	ng	80
10) Phenol	6.46	94	246	0.01	ng	# 1
11) bis(2-Chloroethyl)ether	6.59	93	2185	0.13	ng	# 1
15) Benzyl Alcohol	6.98	79	22471	1.50	ng	# 41
19) n-Nitroso-di-n-propylamine	7.38	70	159849	13.00	ng	# 80
24) Nitrobenzene	7.38	77	3814	0.22	ng	# 38
31) Naphthalene	8.12	128	224	0.01	ng	# 69
33) 4-Chloroaniline	8.22	127	304	0.02	ng	# 1
45) 1,1'-Biphenyl	9.19	154	4279	Below Cal		# 1
47) 2-Nitroaniline	9.18	65	4008	0.53	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	51572	8.60	ng	# 24
51) Acenaphthene	9.85	154	1522	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.85	165	51574	6.88	ng	# 30
62) Azobenzene	10.64	77	3235	0.09	ng	# 14
64) 4,6-Dinitro-2-methylphenol	10.64	198	861	3.60	ng	# 1
65) n-Nitrosodiphenylamine	10.64	169	12562	0.45	ng	# 46
66) 4-Bromophenyl-phenylether	10.64	248	21878	2.61	ng	# 1
69) Pentachlorophenol	11.10	266	243	3.17	ng	# 9
70) Phenanthrene	11.34	178	584	Below Cal		# 1
71) Anthracene	11.41	178	237	Below Cal		# 60
72) Carbazole	11.55	167	228	0.01	ng	# 58
73) Di-n-butylphthalate	11.90	149	1291	0.03	ng	# 77
77) Pyrene	12.93	202	6323	0.15	ng	# 68
80) Benzo(a)anthracene	13.95	228	1884	0.06	ng	# 61
82) Chrysene	13.95	228	1884	0.06	ng	# 58
83) Bis(2-ethylhexyl)phthalate	13.95	149	233	0.01	ng	# 1
89) Benzo(a)pyrene	15.36	252	1383	0.05	ng	# 74

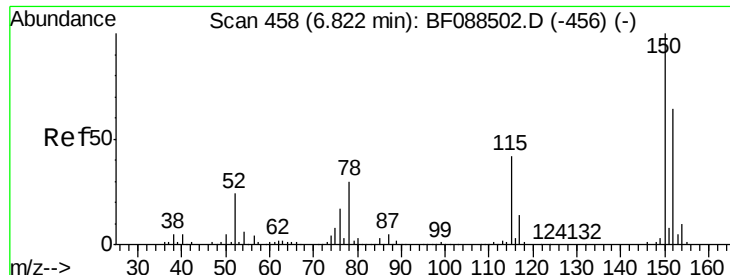
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

PB91573BL

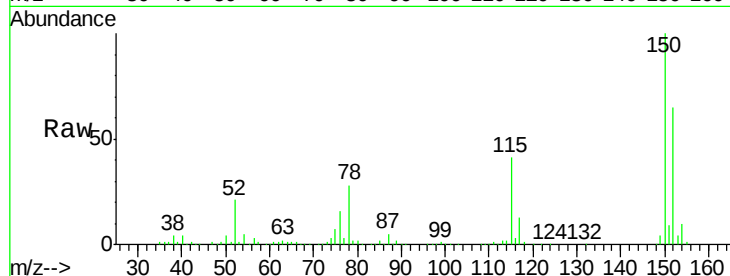
Tgt Ion: 152 Resp: 218815

Ion Ratio Lower Upper

152 100

150 153.5 124.5 186.7

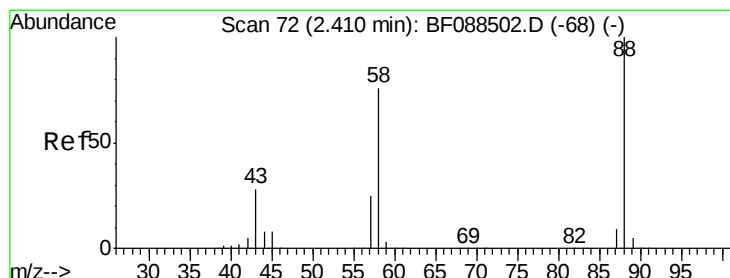
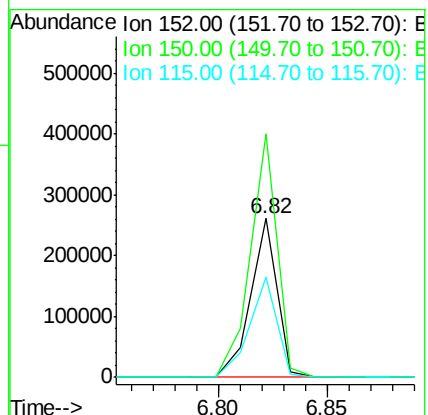
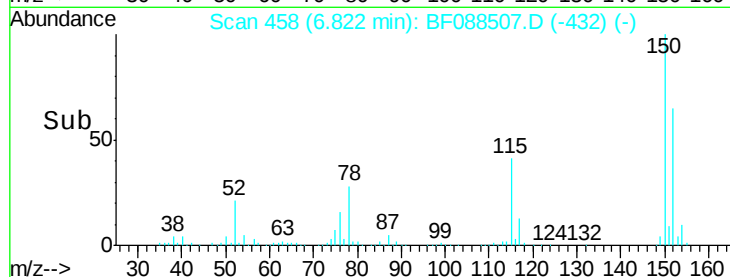
115 63.1 52.3 78.5



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: 0.06 ng

RT: 2.40 min Scan# 71

Delta R.T. -0.01 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

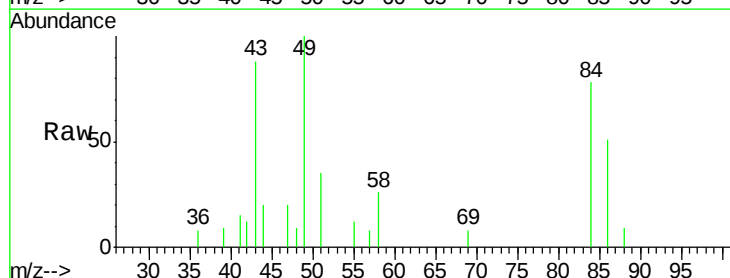
Tgt Ion: 88 Resp: 446

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

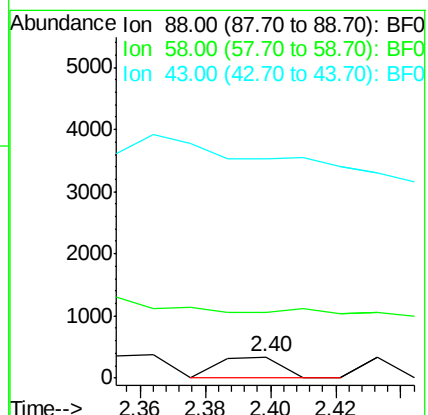
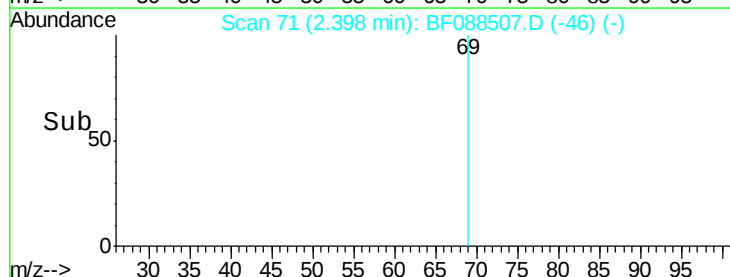
43 0.0 3.2 4.8#

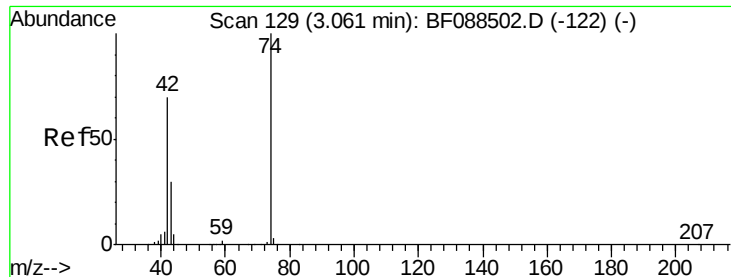


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.07 min Scan# 130

Delta R.T. 0.01 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Instrument :

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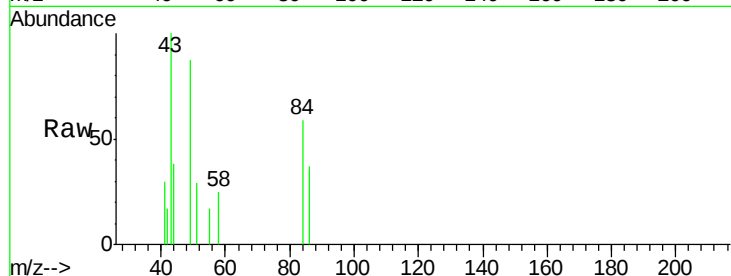
Tgt Ion: 42 Resp: 210

Ion Ratio Lower Upper

42 100

74 0.0 113.7 170.5#

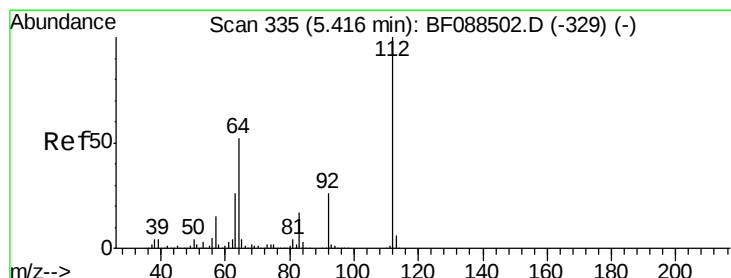
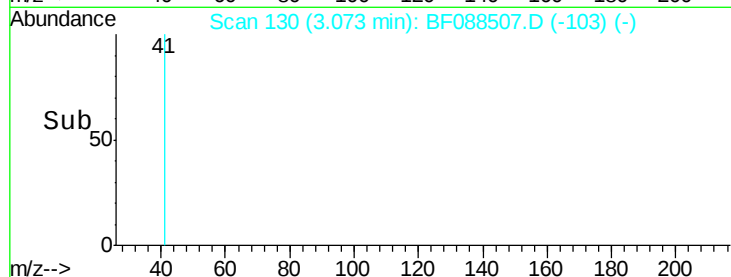
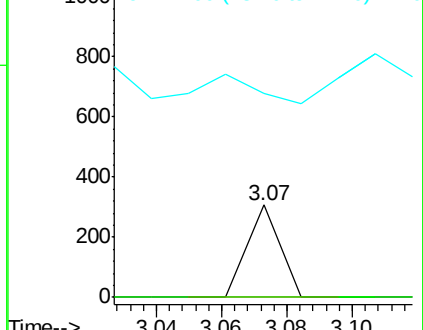
44 221.9 6.4 9.6#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 106.07 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

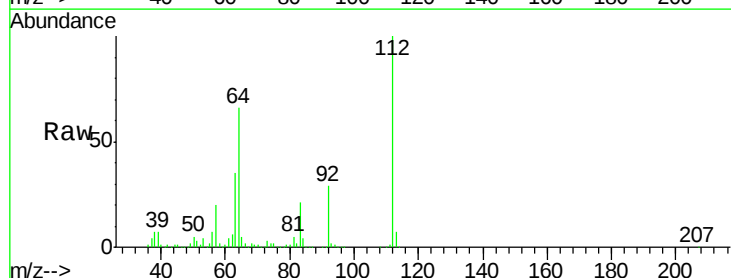
Tgt Ion: 112 Resp: 1498767

Ion Ratio Lower Upper

112 100

64 66.0 41.5 62.3#

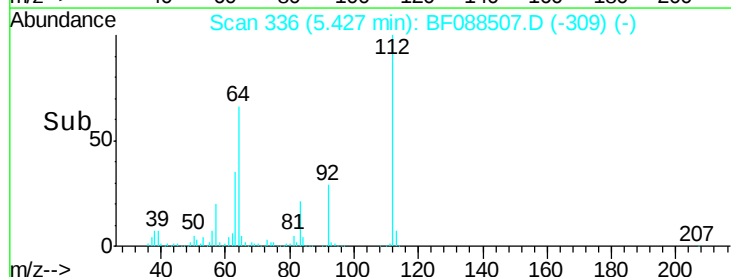
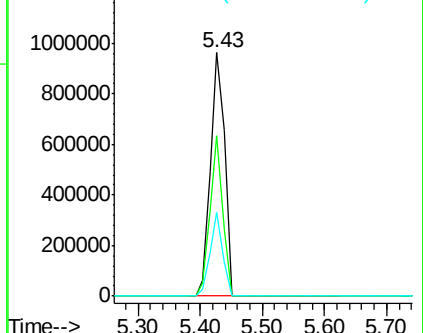
63 34.6 20.6 31.0#

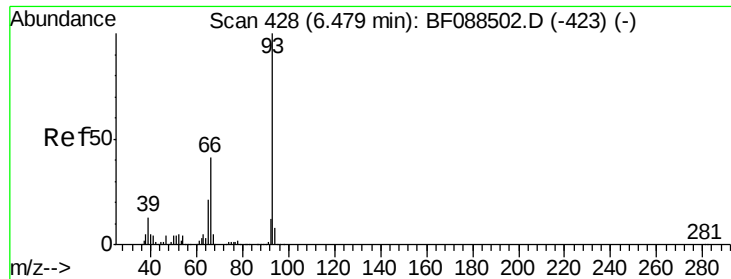


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.08 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.11 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

PB91573BL

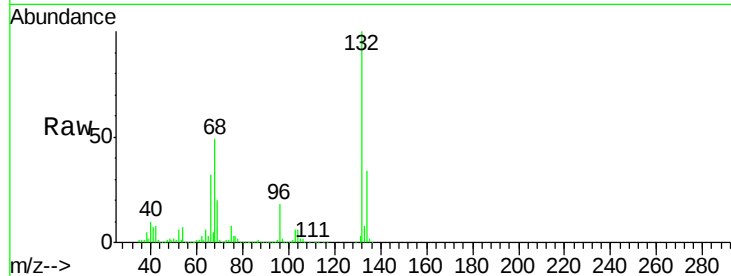
Tgt Ion: 93 Resp: 2185

Ion Ratio Lower Upper

93 100

66 17777.8 33.0 49.6#

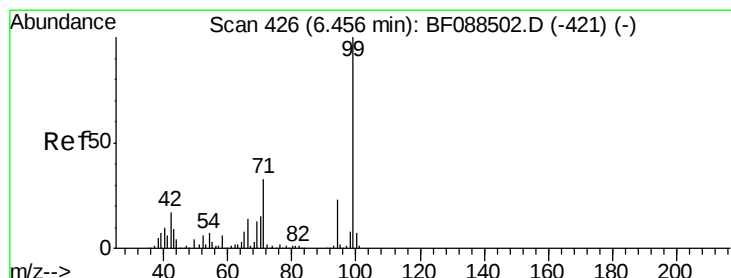
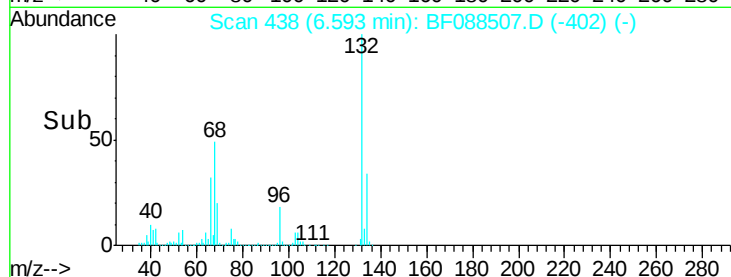
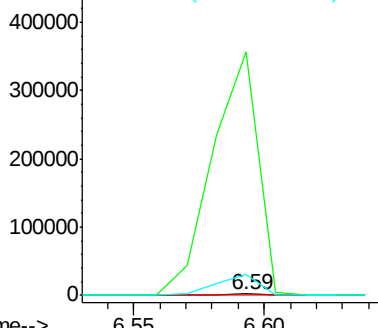
65 1495.2 16.5 24.7#



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: 93.35 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

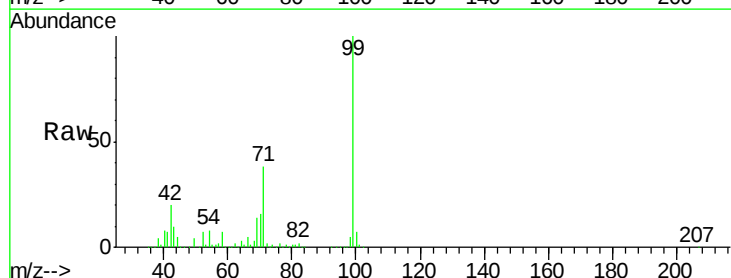
Tgt Ion: 99 Resp: 1686772

Ion Ratio Lower Upper

99 100

42 19.9 13.4 20.0

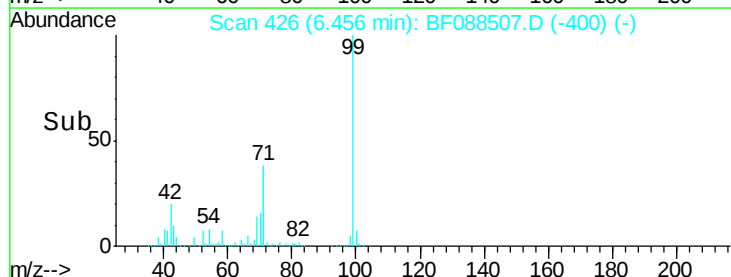
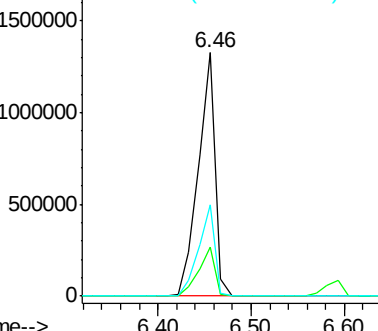
71 37.7 26.1 39.1

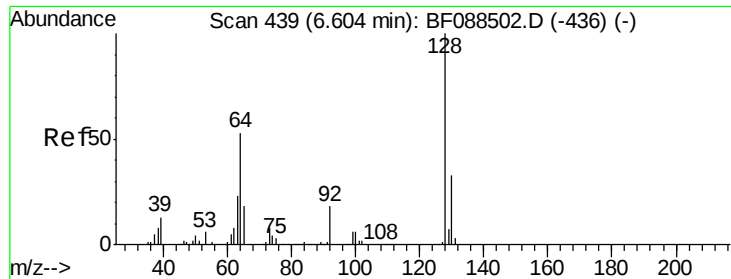


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.03 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

PB91573BL

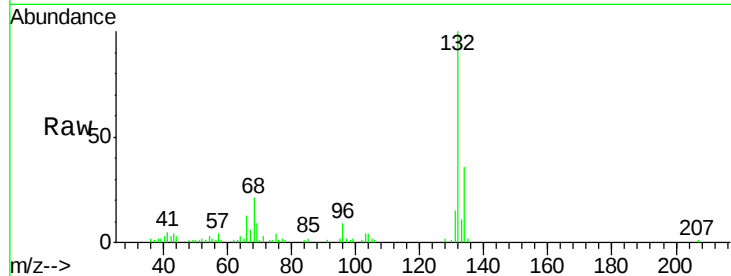
Tgt Ion:128 Resp: 394

Ion Ratio Lower Upper

128 100

130 61.8 13.2 53.2#

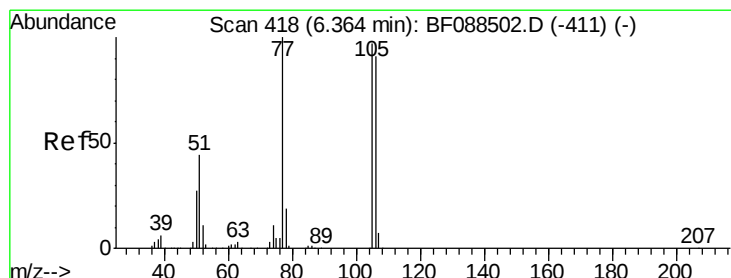
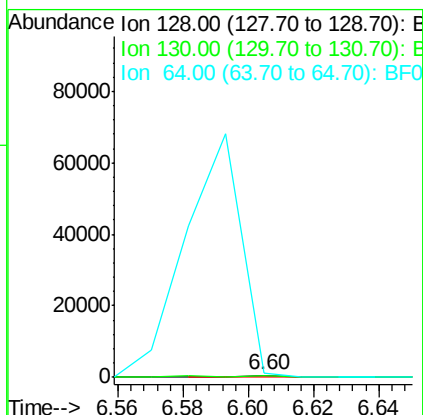
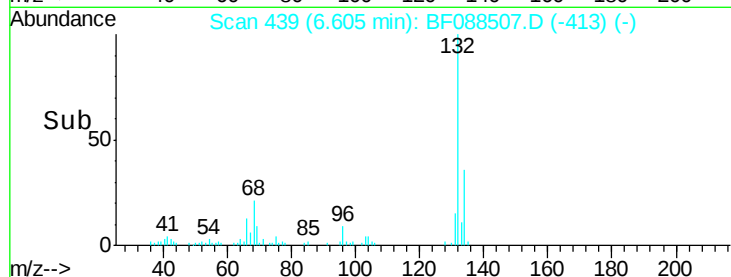
64 197.0 34.3 74.3#



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: 5.20 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.23 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

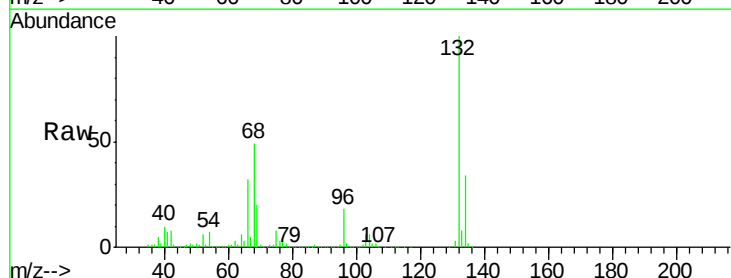
Tgt Ion: 77 Resp: 37709

Ion Ratio Lower Upper

77 100

105 77.7 76.6 116.6

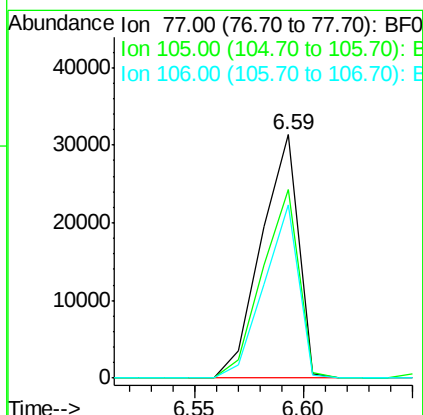
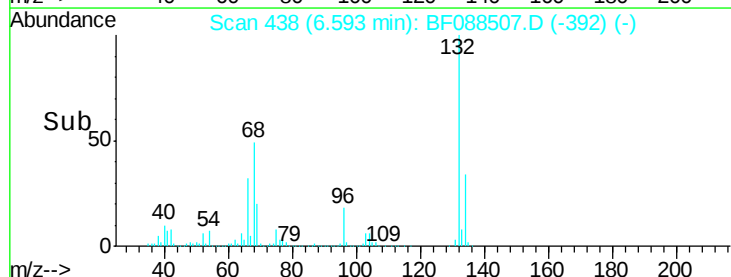
106 71.1 70.8 110.8

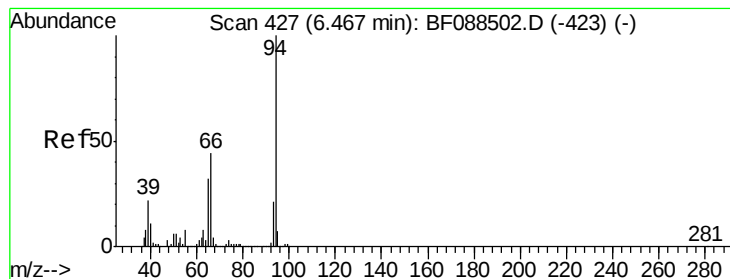


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.01 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

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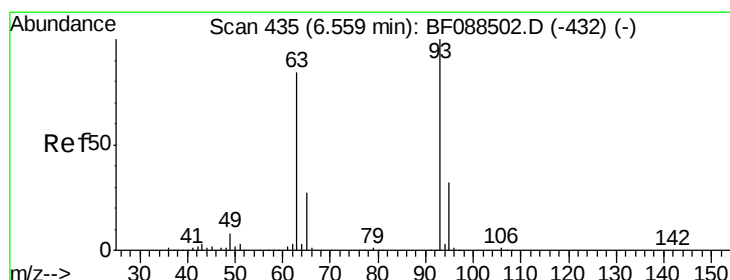
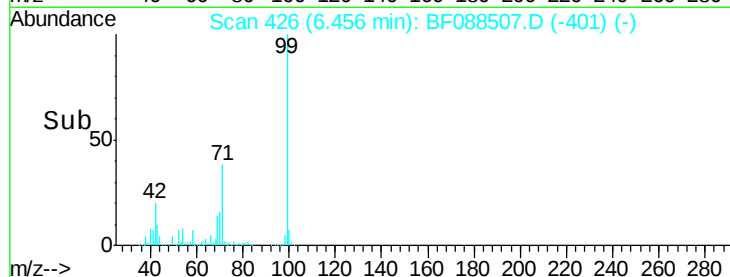
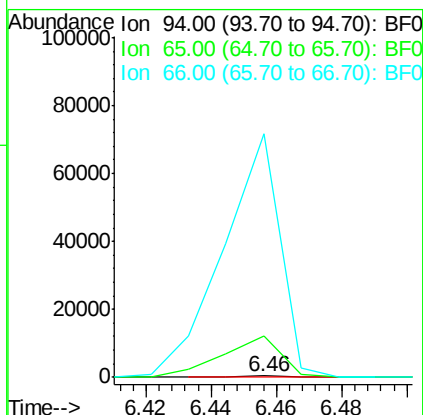
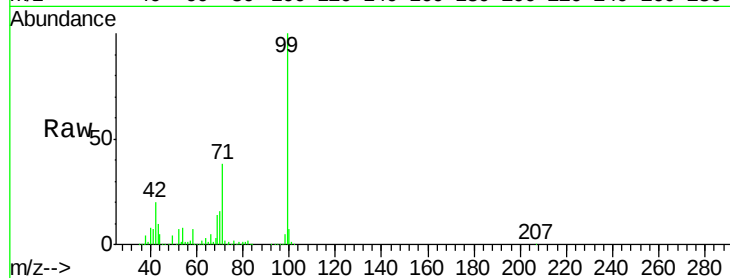
Tgt Ion: 94 Resp: 246

Ion Ratio Lower Upper

94 100

65 3440.1 11.6 51.6#

66 19962.1 23.8 63.8#



#11

bis(2-Chloroethyl)ether

Concen: 0.13 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.03 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

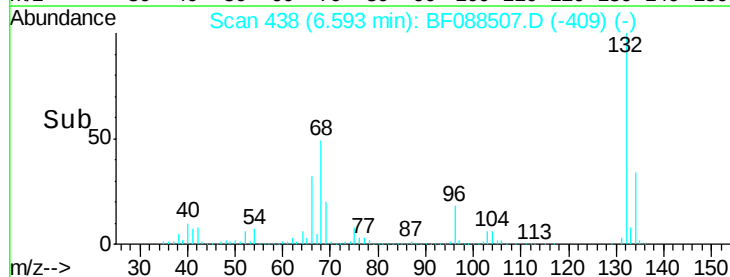
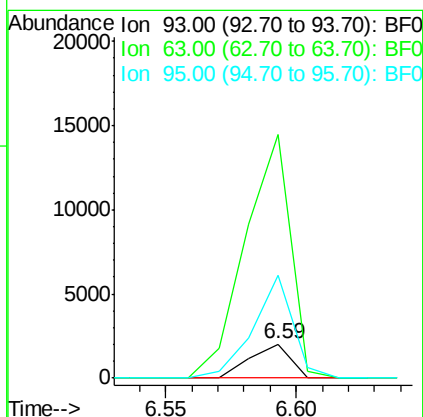
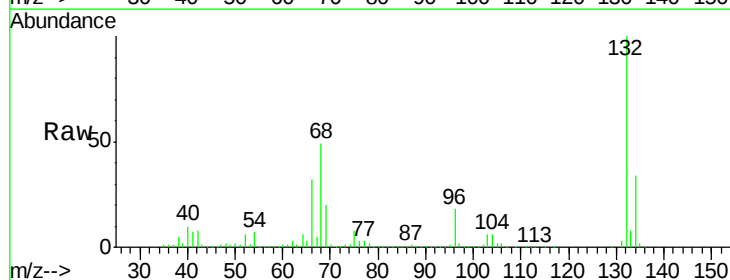
Tgt Ion: 93 Resp: 2185

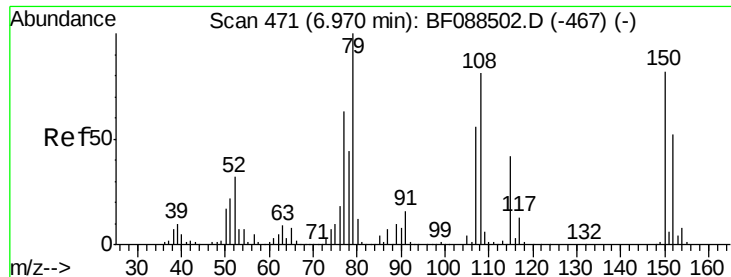
Ion Ratio Lower Upper

93 100

63 720.7 63.4 103.4#

95 303.3 11.7 51.7#





#15

Benzyl Alcohol

Concen: 1.50 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.01 min

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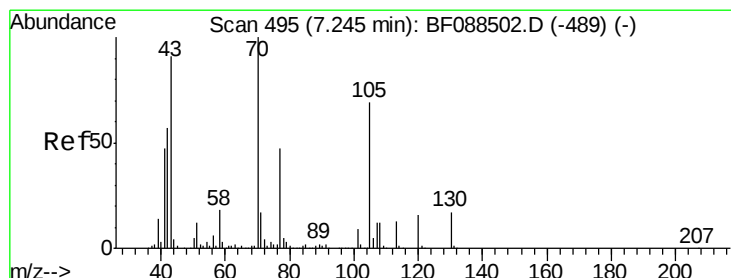
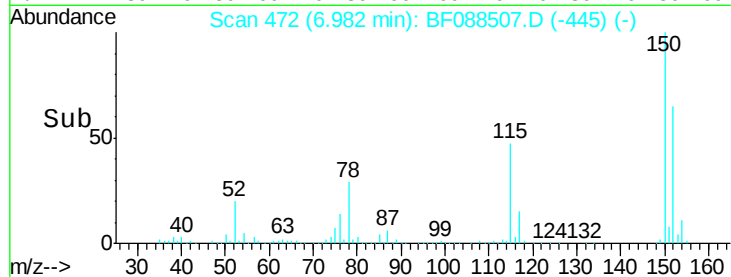
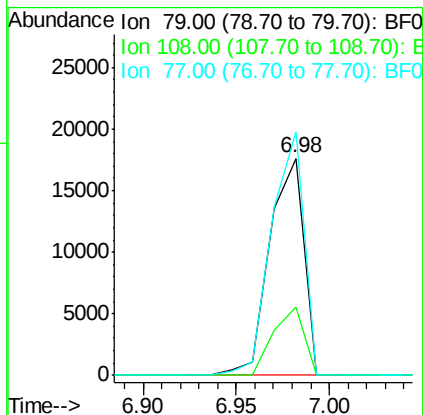
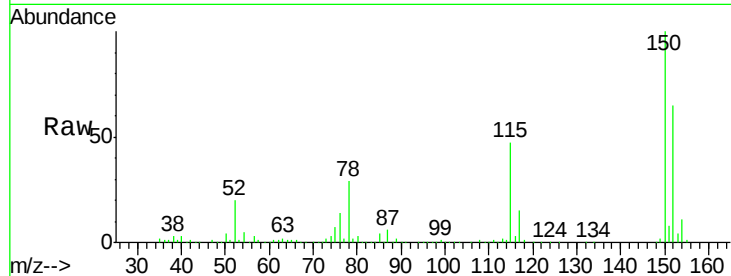
Tgt Ion: 79 Resp: 22471

Ion Ratio Lower Upper

79 100

108 31.3 64.7 97.1#

77 112.0 50.4 75.6#



#19

n-Nitroso-di-n-propylamine

Concen: 13.00 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.14 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Tgt Ion: 70 Resp: 159849

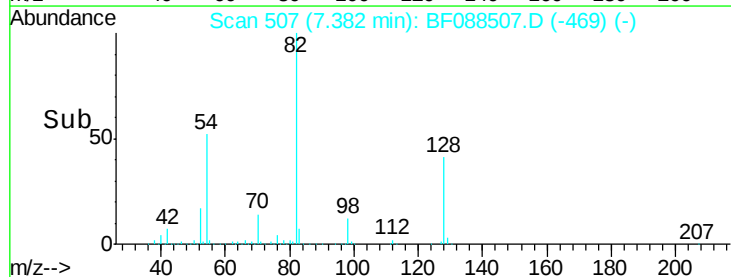
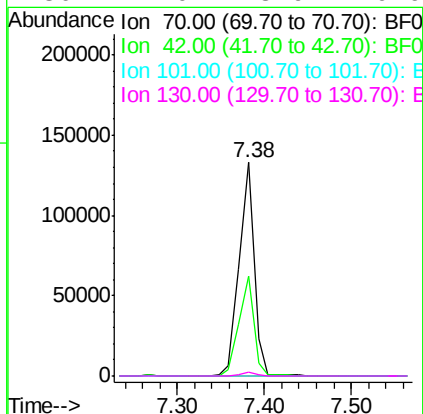
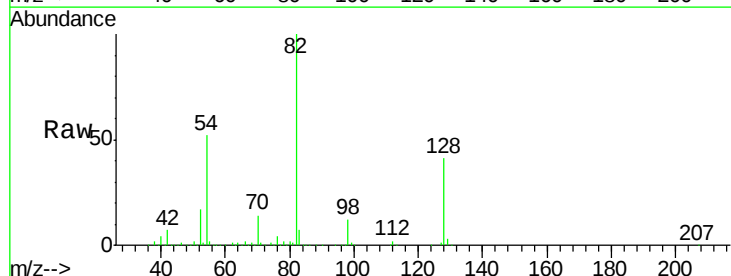
Ion Ratio Lower Upper

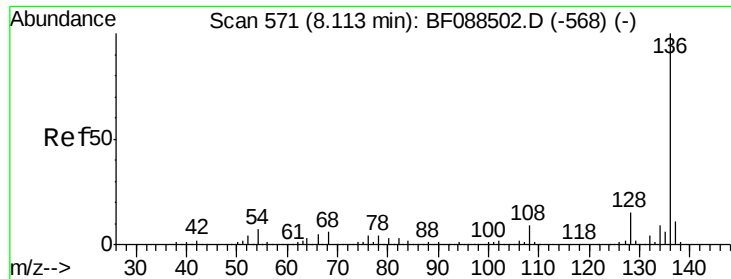
70 100

42 46.8 45.9 68.9

101 0.0 6.8 10.2#

130 2.0 13.9 20.9#

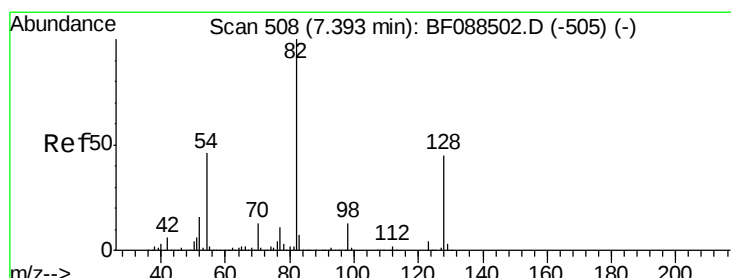
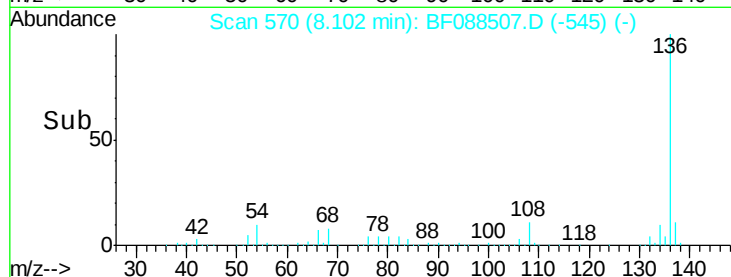
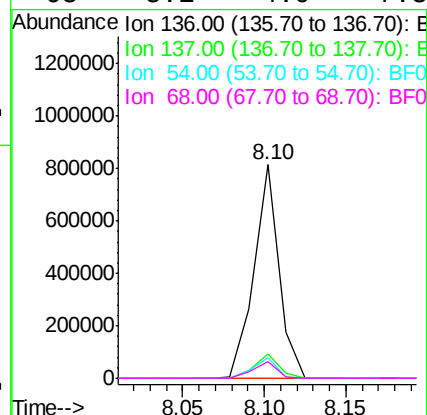
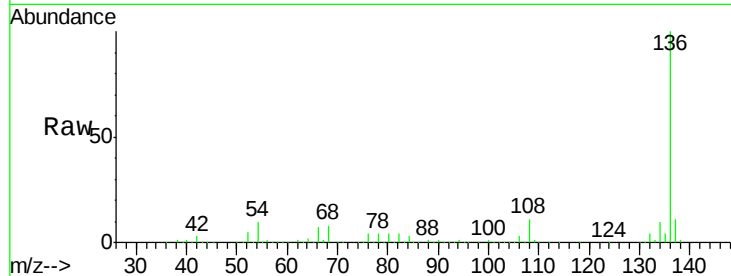




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF088507.D
Acq: 29 Jun 2016 22:30

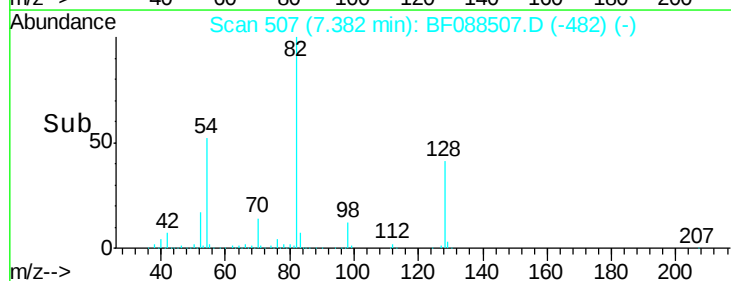
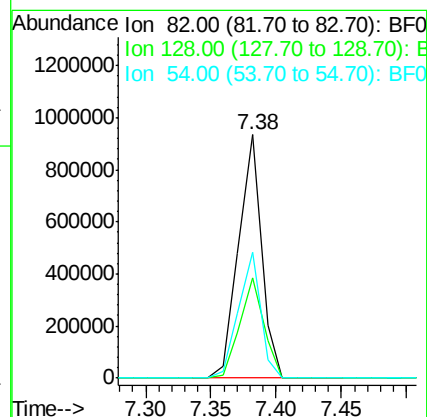
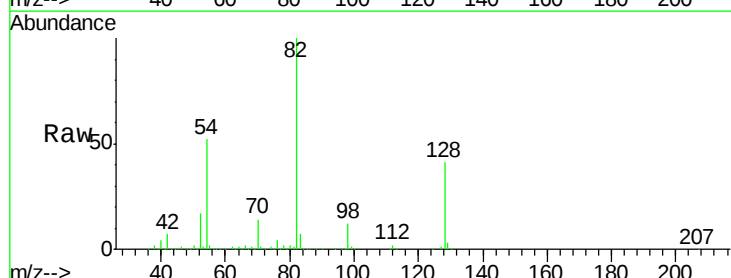
Instrument :
BNA_F
ClientSampleId :
PB91573BL

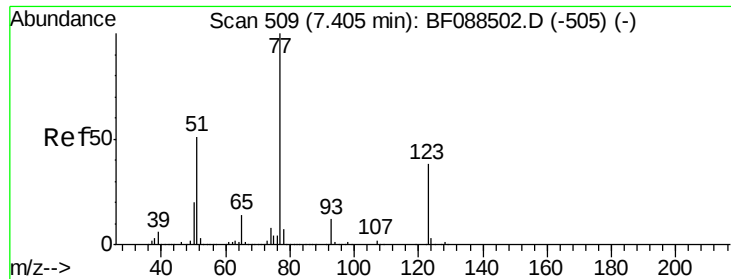
Tgt Ion:	136	Resp:	863785
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	9.8	5.4	8.2#
68	8.1	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 69.24 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF088507.D
Acq: 29 Jun 2016 22:30

Tgt Ion:	82	Resp:	1138744
Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.8	53.8
54	51.7	37.1	55.7





#24

Nitrobenzene

Concen: 0.22 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

PB91573BL

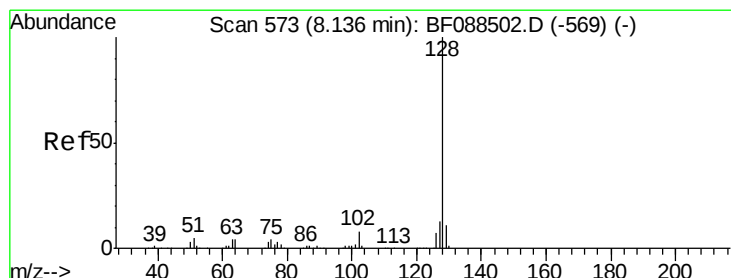
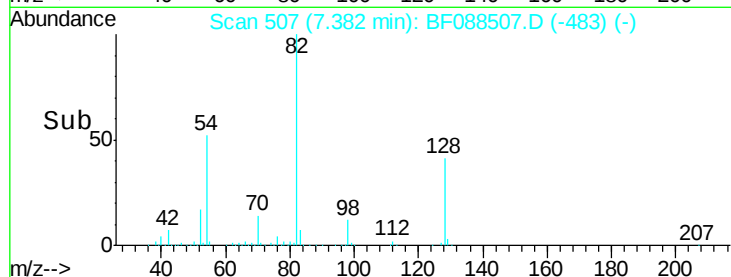
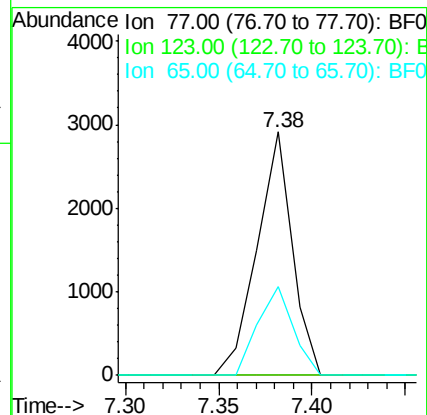
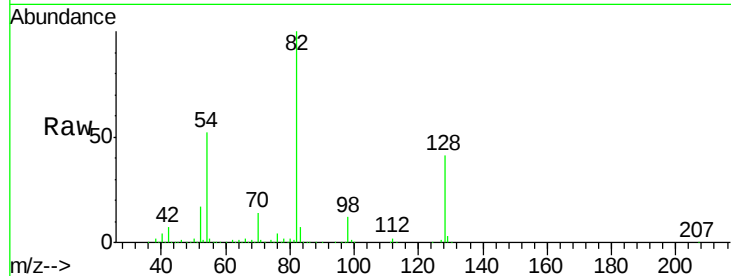
Tgt Ion: 77 Resp: 3814

Ion Ratio Lower Upper

77 100

123 0.0 30.7 46.1#

65 36.6 10.9 16.3#



#31

Naphthalene

Concen: 0.01 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

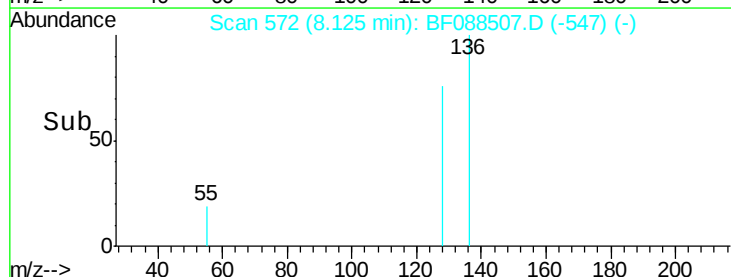
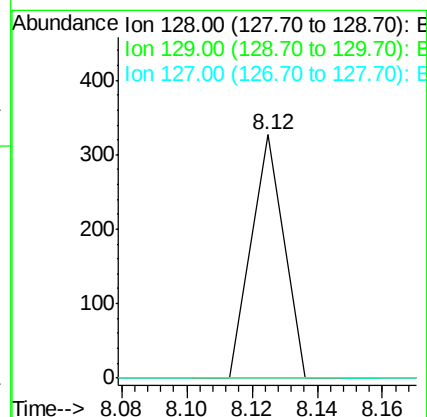
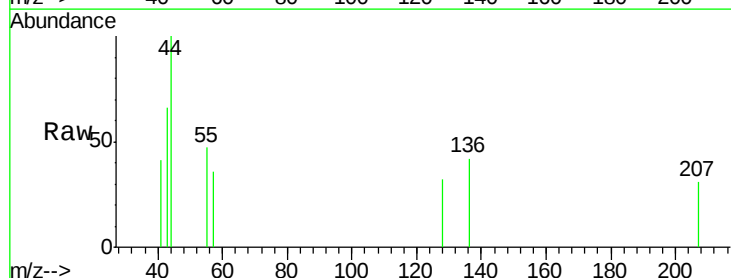
Tgt Ion: 128 Resp: 224

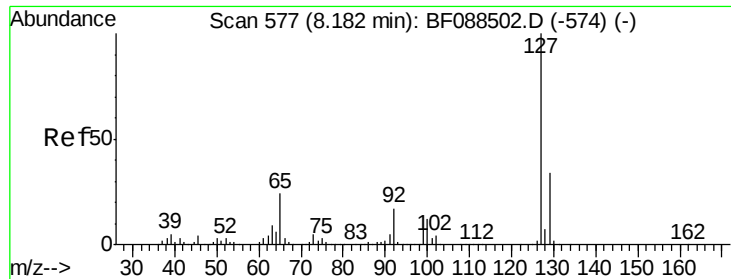
Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 10.6 16.0#

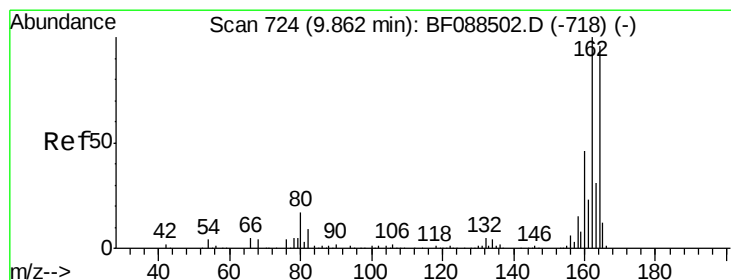
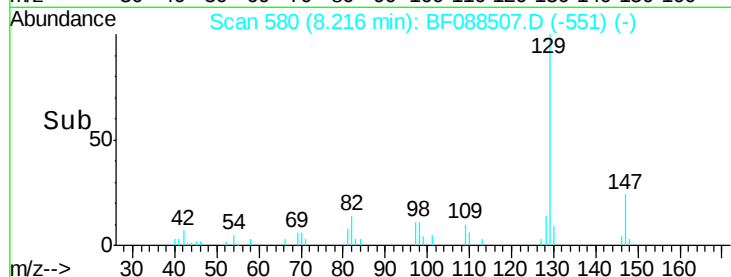
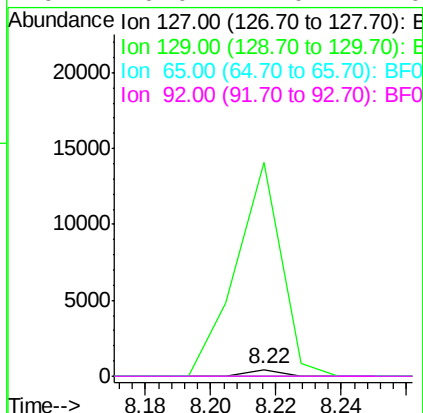
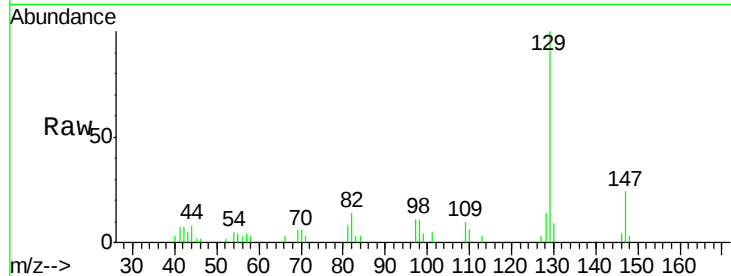




#33
4-Chloroaniline
Concen: 0.02 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.03 min
Lab File: BF088507.D
Acq: 29 Jun 2016 22:30

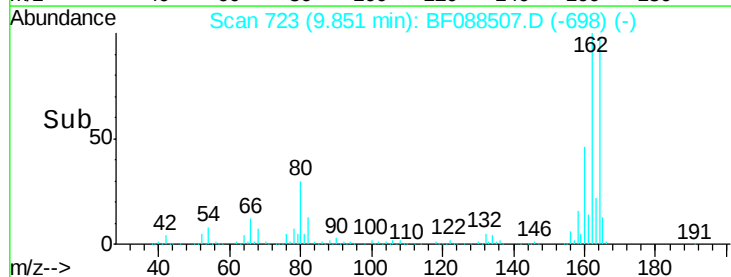
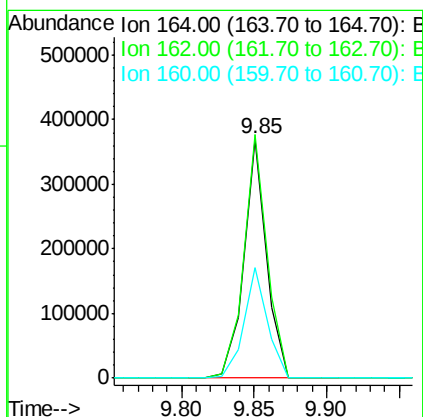
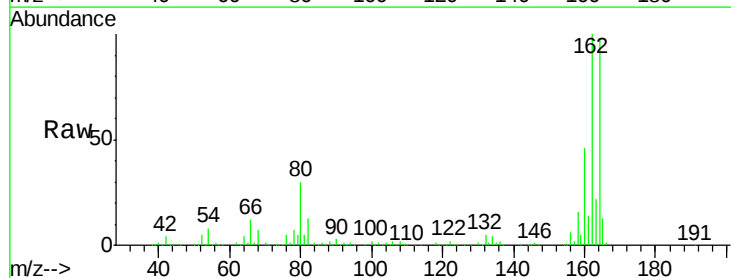
Instrument :
BNA_F
ClientSampleId :
PB91573BL

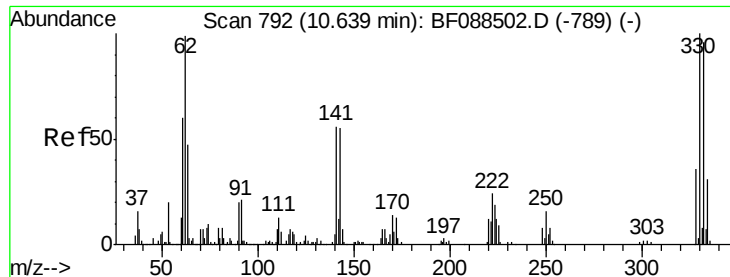
Tgt Ion:127 Resp: 304
Ion Ratio Lower Upper
127 100
129 3177.4 26.9 40.3#
65 0.0 19.4 29.2#
92 0.0 14.0 21.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF088507.D
Acq: 29 Jun 2016 22:30

Tgt Ion:164 Resp: 399065
Ion Ratio Lower Upper
164 100
162 102.0 83.7 125.5
160 46.5 38.9 58.3

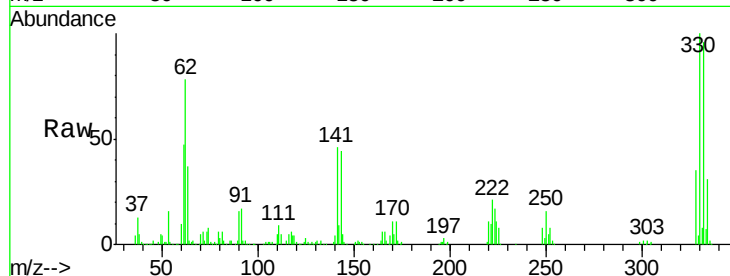




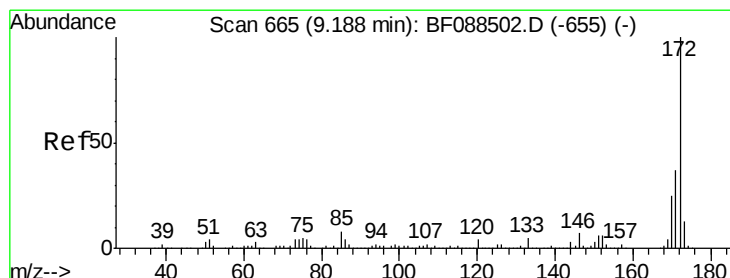
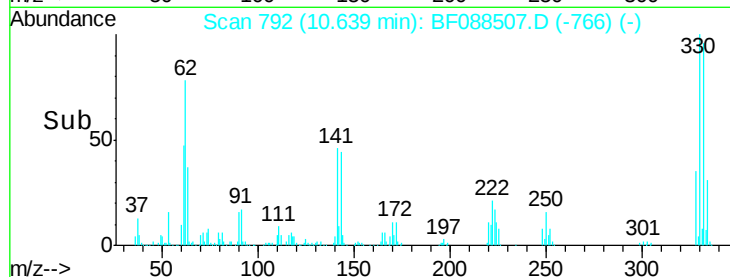
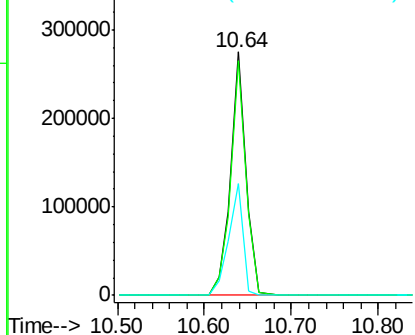
#41
 2,4,6-Tribromophenol
 Concen: 110.85 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF088507.D
 Acq: 29 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	43.3	0.0	0.0#

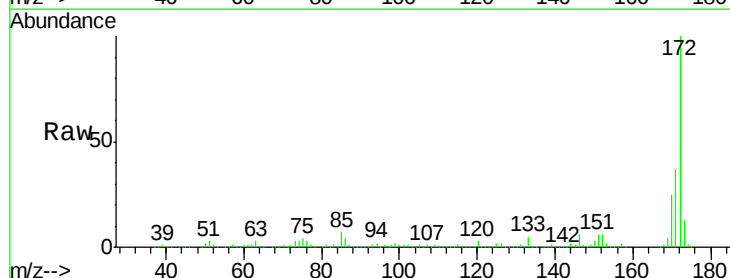


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

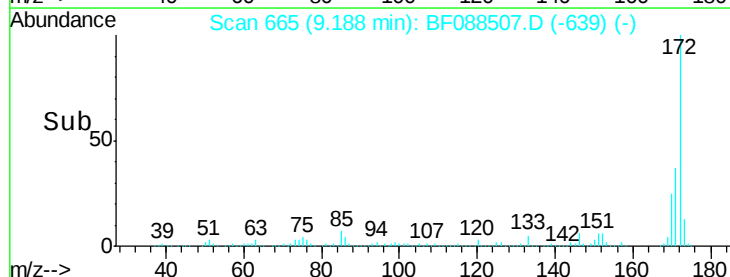
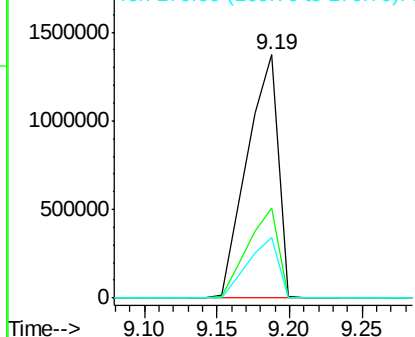


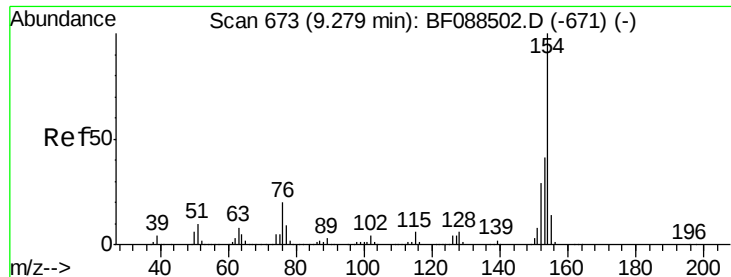
#44
 2-Fluorobiphenyl
 Concen: 80.68 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF088507.D
 Acq: 29 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.3	43.9
170	25.0	19.8	29.8



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: Below Cal

RT: 9.19 min Scan# 665

Delta R.T. -0.09 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

PB91573BL

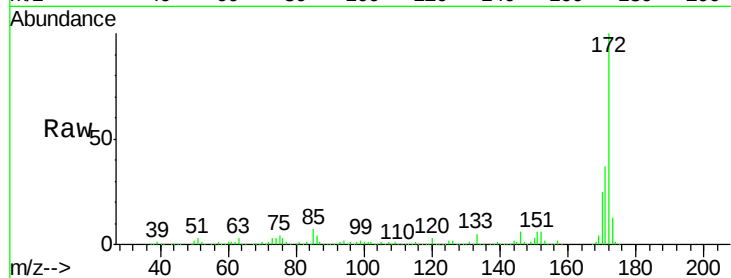
Tgt Ion:154 Resp: 4279

Ion Ratio Lower Upper

154 100

153 977.2 20.8 60.8#

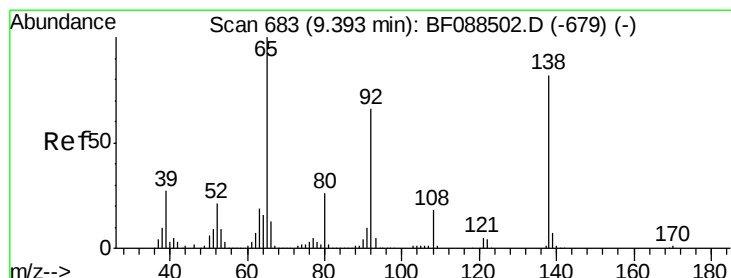
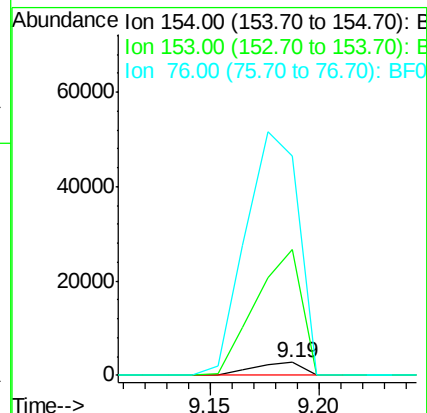
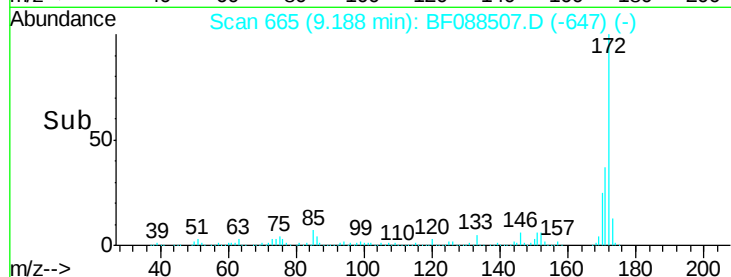
76 1705.3 0.0 39.9#



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: 0.53 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.22 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

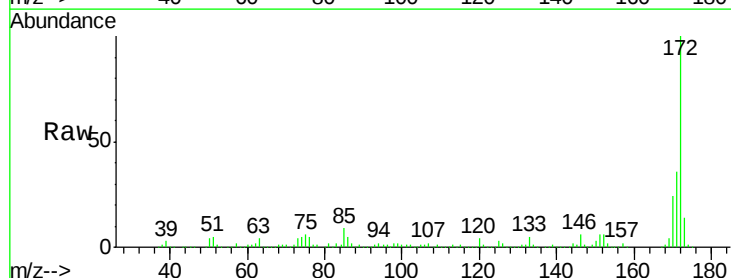
Tgt Ion: 65 Resp: 4008

Ion Ratio Lower Upper

65 100

92 208.0 52.9 79.3#

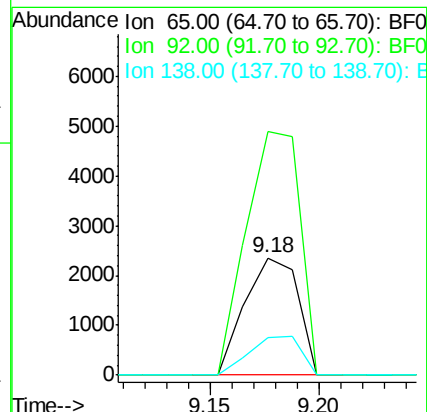
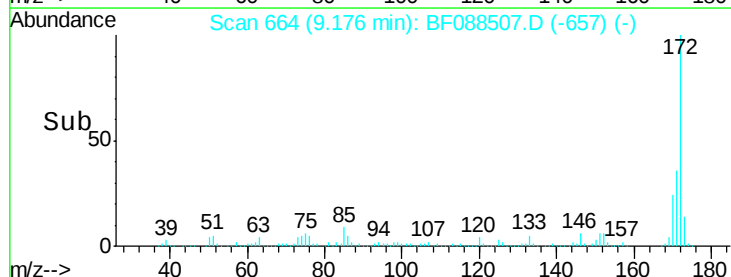
138 32.0 65.8 98.6#

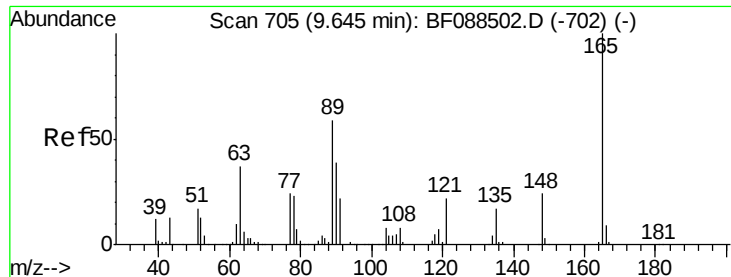


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#50

2,6-Dinitrotoluene

Concen: 8.60 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.21 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

PB91573BL

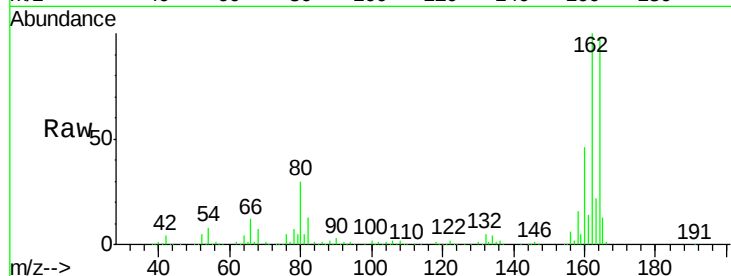
Tgt Ion:165 Resp: 51572

Ion Ratio Lower Upper

165 100

63 1.6 45.0 67.4#

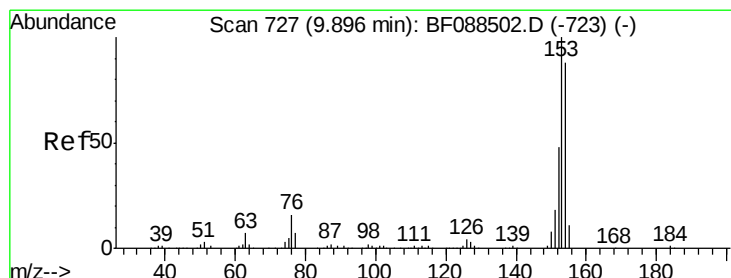
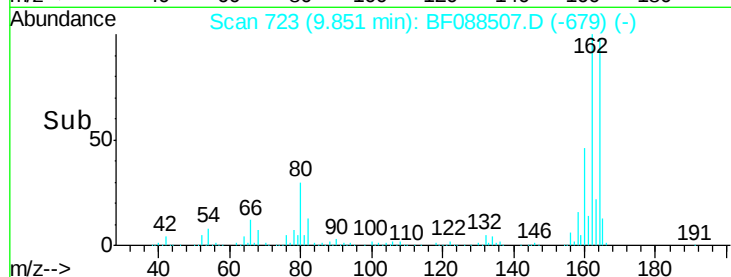
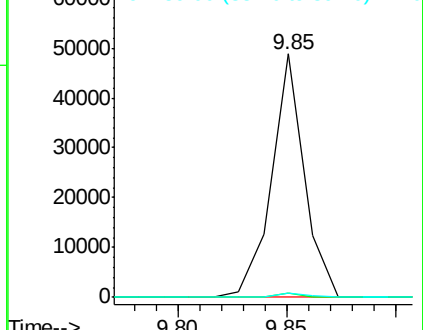
89 1.7 47.8 71.6#



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: 0.06 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.05 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

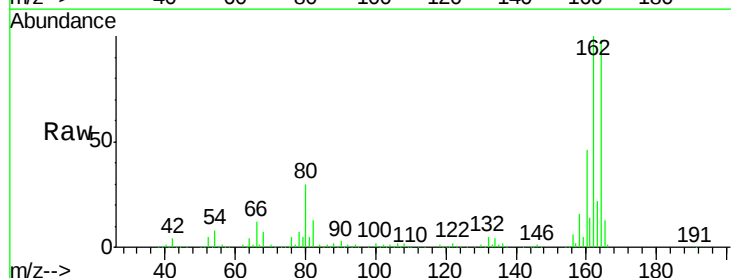
Tgt Ion:154 Resp: 1522

Ion Ratio Lower Upper

154 100

153 0.0 91.0 136.6#

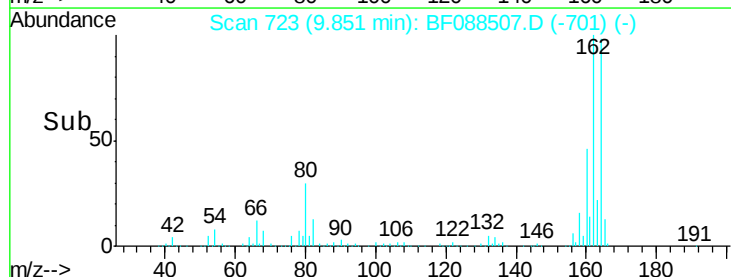
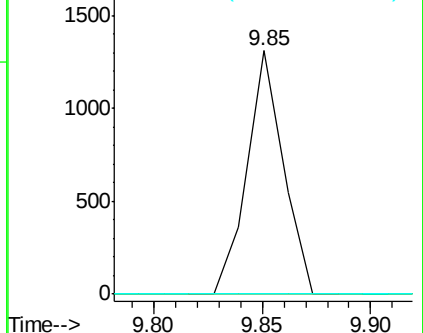
152 0.0 43.9 65.9#

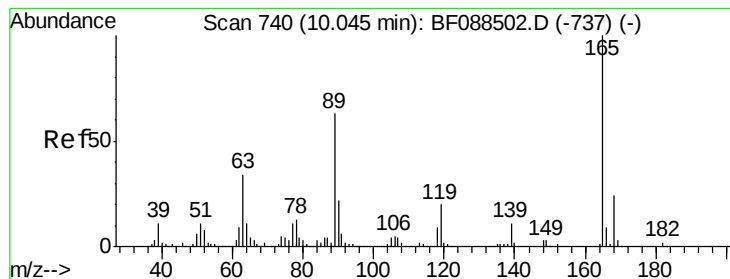


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#56

2,4-Dinitrotoluene

Concen: 6.88 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.19 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

PB91573BL

Tgt Ion:165 Resp: 51574

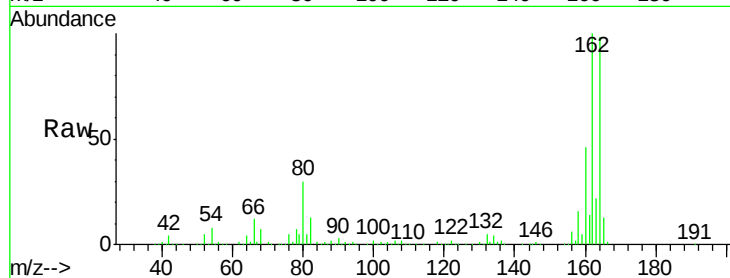
Ion Ratio Lower Upper

165 100

63 1.6 27.3 40.9#

89 1.7 50.4 75.6#

182 0.0 2.0 3.0#

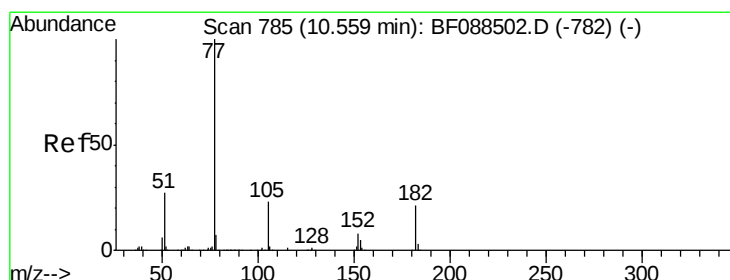
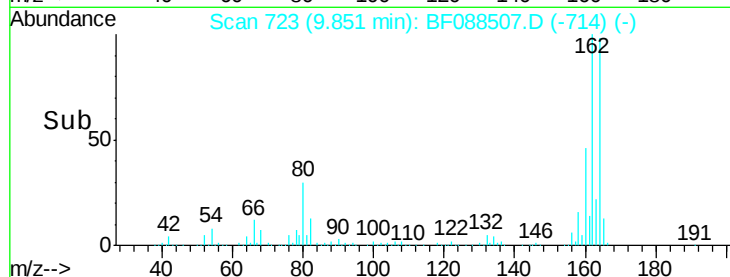
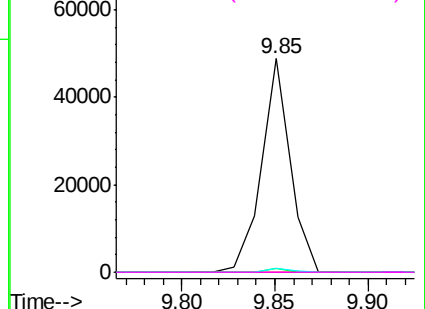


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#62

Azobenzene

Concen: 0.09 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.08 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Tgt Ion: 77 Resp: 3235

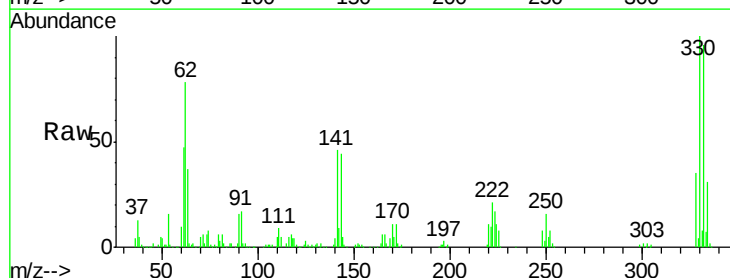
Ion Ratio Lower Upper

77 100

182 0.0 0.6 40.6#

105 85.2 2.3 42.3#

51 70.3 8.0 48.0#

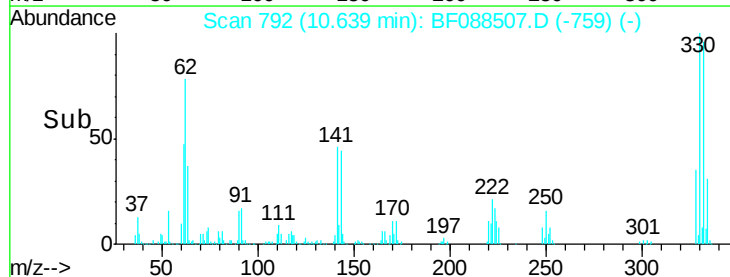
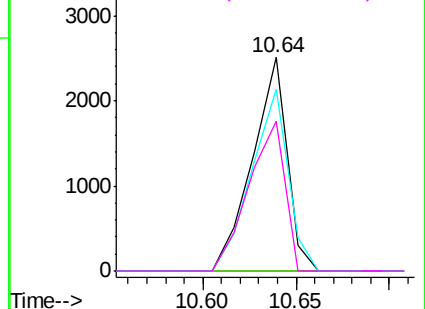


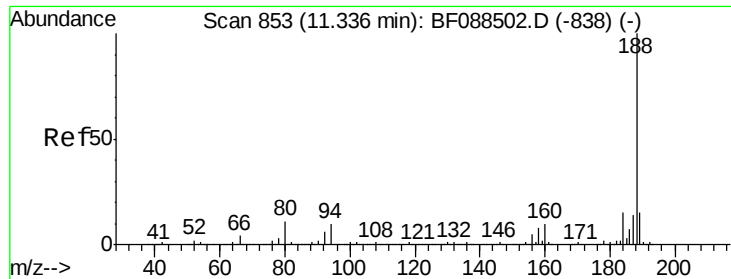
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.34 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

PB91573BL

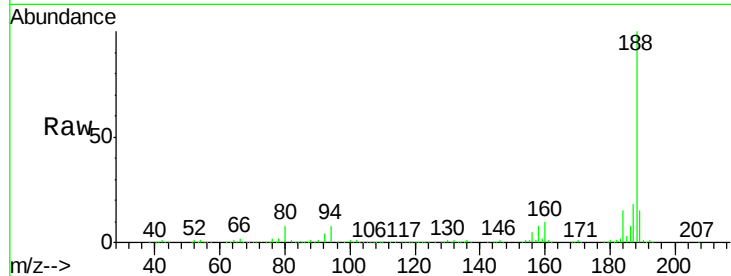
Tgt Ion:188 Resp: 773637

Ion Ratio Lower Upper

188 100

94 7.6 7.8 11.8#

80 8.1 8.7 13.1#

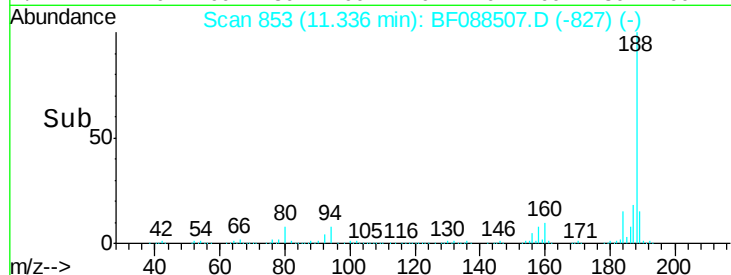


Abundance Ion 188.00 (187.70 to 188.70): E

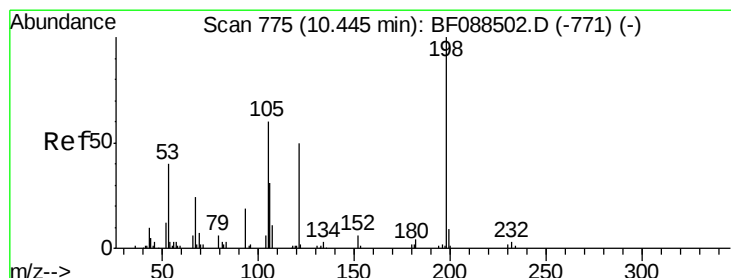
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.25 11.30 11.35



Time--> 11.25 11.30 11.35



#64

4,6-Dinitro-2-methylphenol

Concen: 3.60 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.20 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

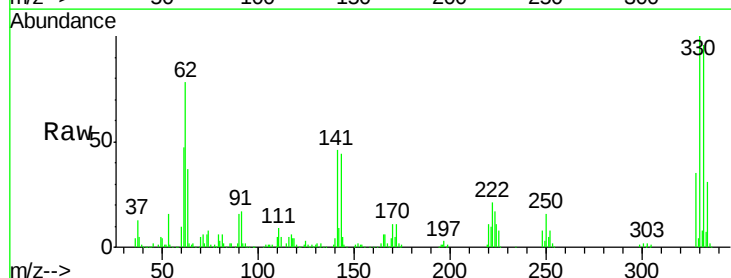
Tgt Ion:198 Resp: 861

Ion Ratio Lower Upper

198 100

51 205.6 42.4 82.4#

105 249.3 41.2 81.2#

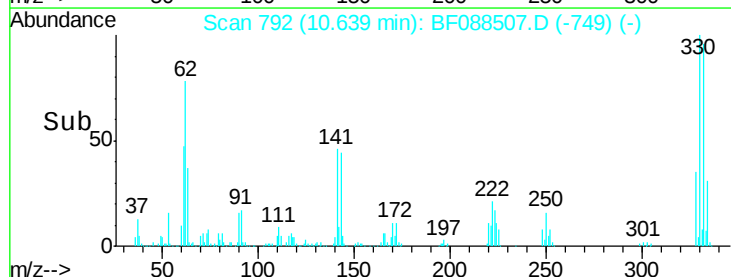


Abundance Ion 198.00 (197.70 to 198.70): E

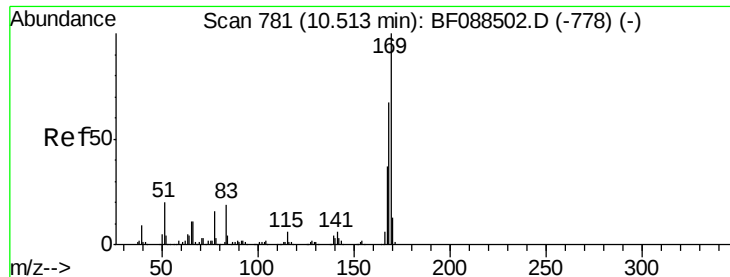
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time--> 10.60 10.65



Time--> 10.60 10.65



#65

n-Nitrosodiphenylamine

Concen: 0.45 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.13 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

PB91573BL

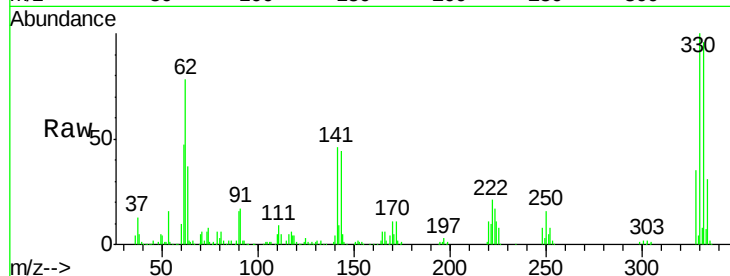
Tgt Ion:169 Resp: 12562

Ion Ratio Lower Upper

169 100

168 8.4 53.3 79.9#

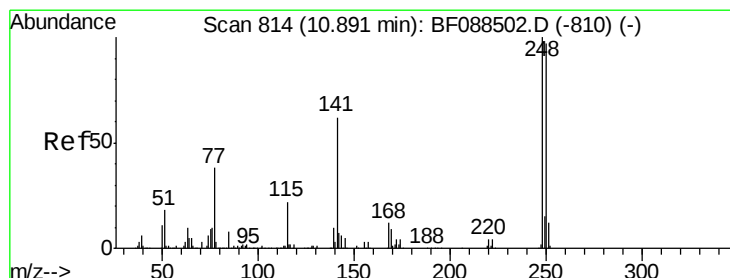
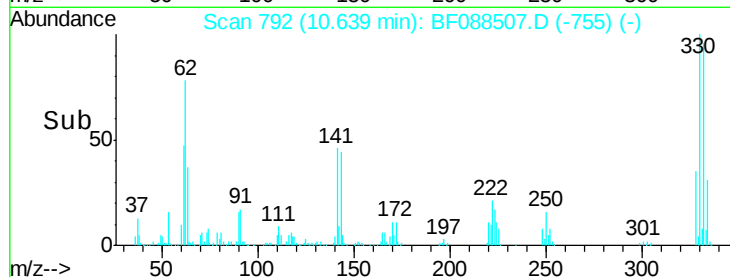
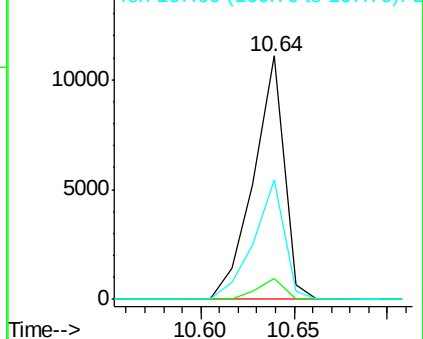
167 49.1 29.7 44.5#



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: 2.61 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.25 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

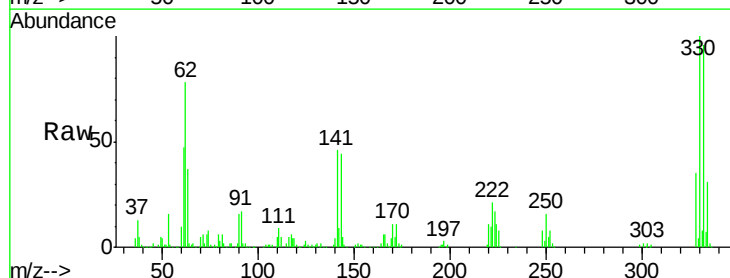
Tgt Ion:248 Resp: 21878

Ion Ratio Lower Upper

248 100

250 202.0 77.7 116.5#

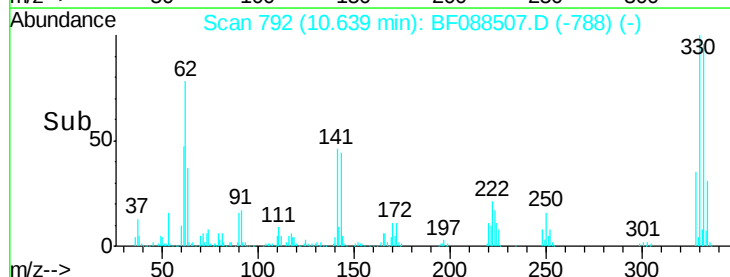
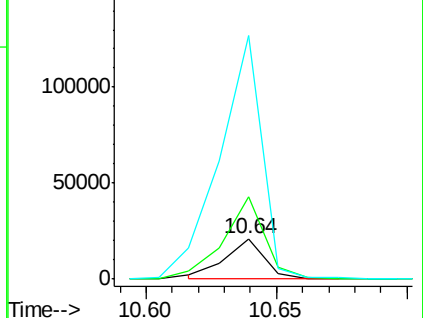
141 600.3 49.2 73.8#

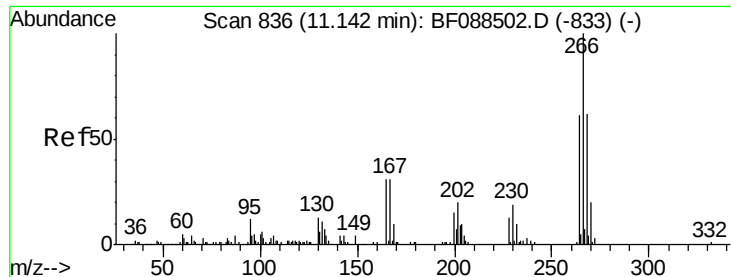


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

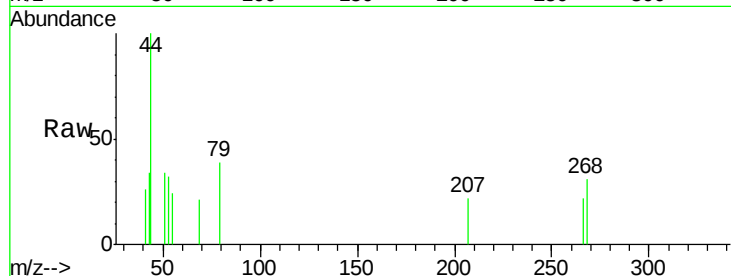




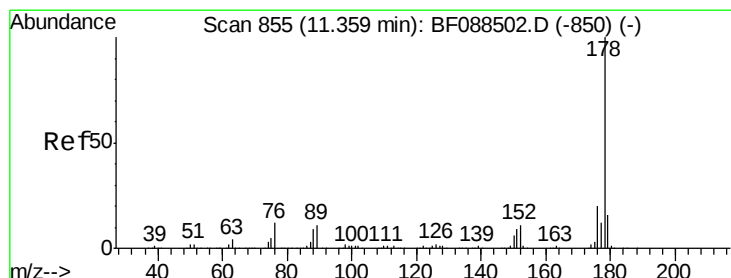
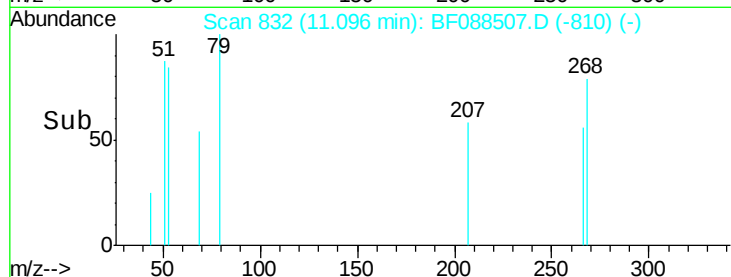
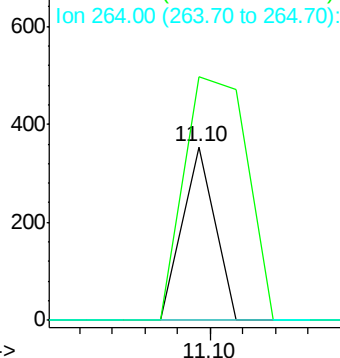
#69
 Pentachlorophenol
 Concen: 3.17 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.05 min
 Lab File: BF088507.D
 Acq: 29 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BL

Tgt Ion:266 Resp: 243
 Ion Ratio Lower Upper
 266 100
 268 140.4 49.4 74.2#
 264 0.0 49.0 73.4#

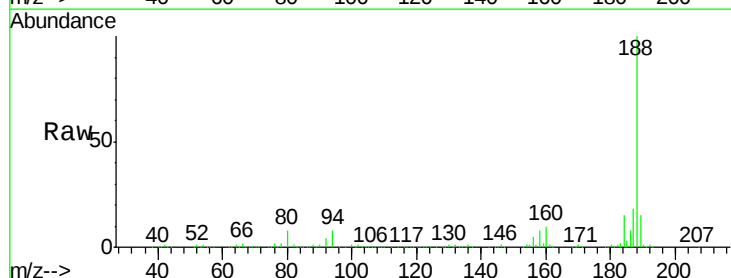


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

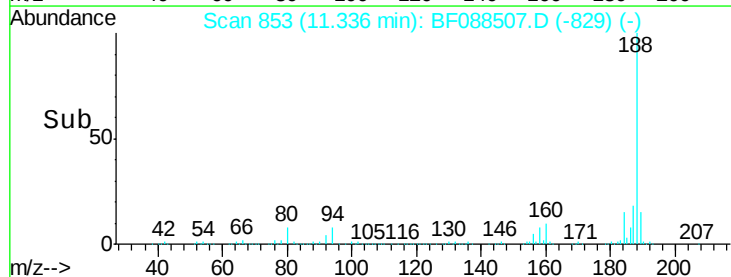
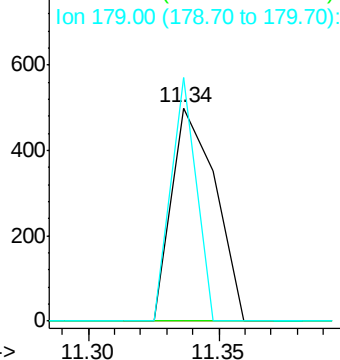


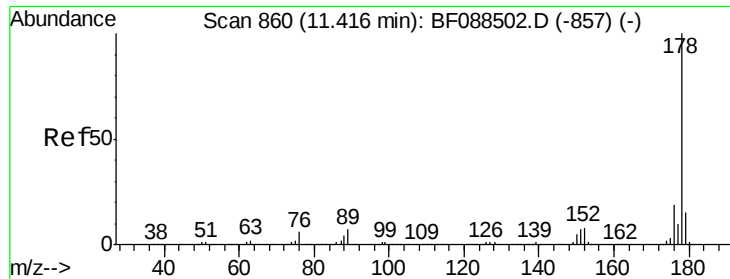
#70
 Phenanthrene
 Concen: Below Cal
 RT: 11.34 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF088507.D
 Acq: 29 Jun 2016 22:30

Tgt Ion:178 Resp: 584
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.1 24.1#
 179 114.2 12.8 19.2#



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

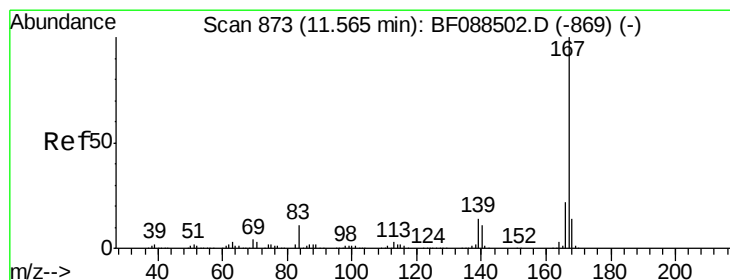
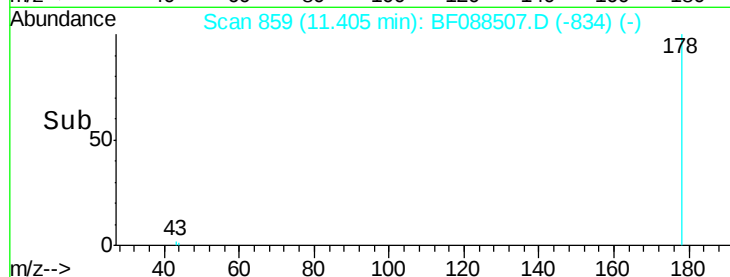
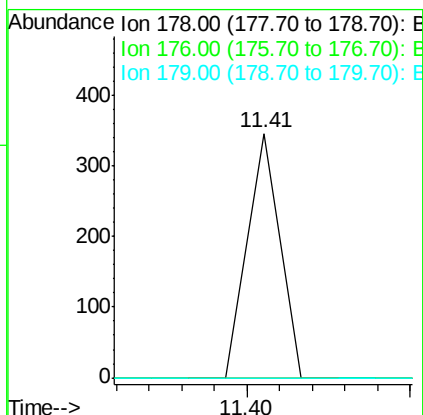
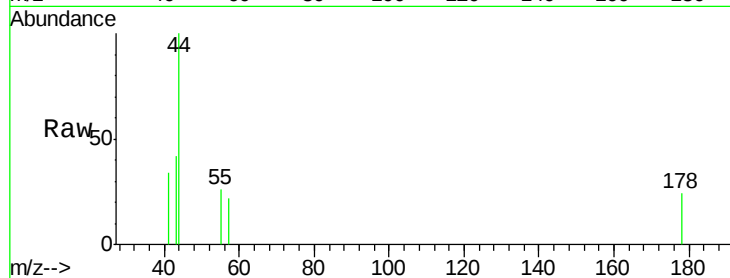




#71
 Anthracene
 Concen: Below Cal
 RT: 11.41 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: BF088507.D
 Acq: 29 Jun 2016 22:30

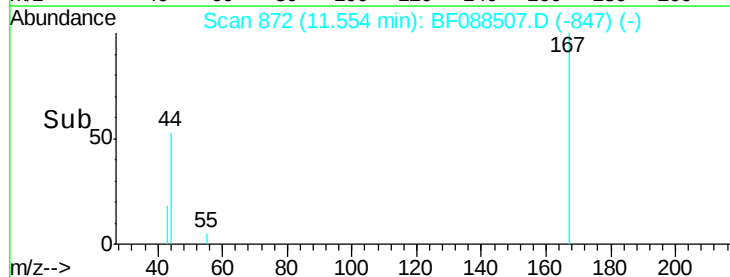
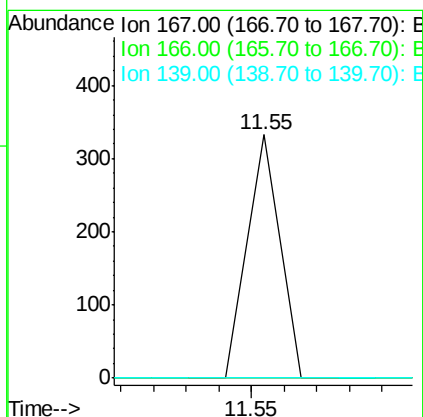
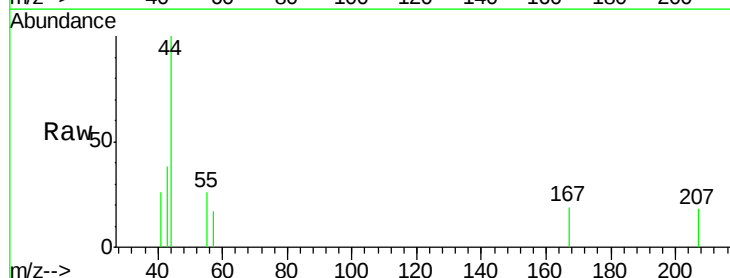
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BL

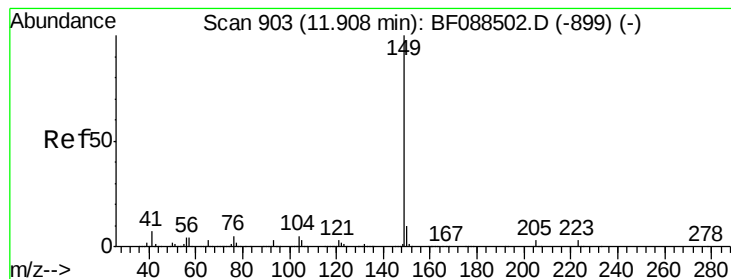
Tgt Ion:178 Resp: 237
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.2 22.8#
 179 0.0 12.3 18.5#



#72
 Carbazole
 Concen: 0.01 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BF088507.D
 Acq: 29 Jun 2016 22:30

Tgt Ion:167 Resp: 228
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.8 26.8#
 139 0.0 11.2 16.8#





#73

Di-n-butylphthalate

Concen: 0.03 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

PB91573BL

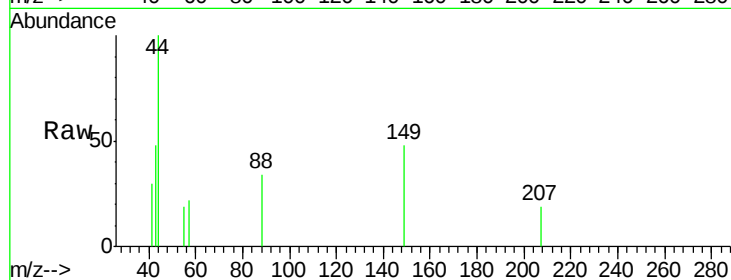
Tgt Ion:149 Resp: 1291

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

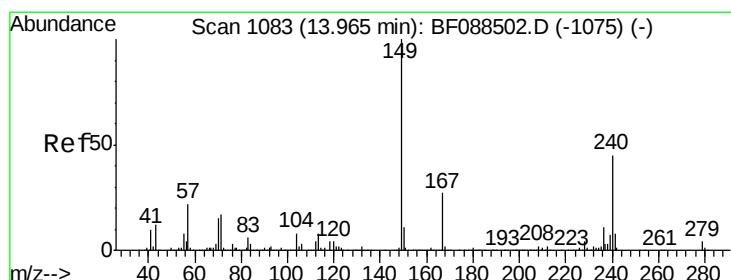
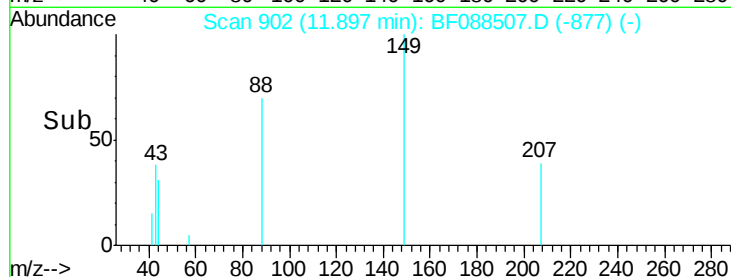
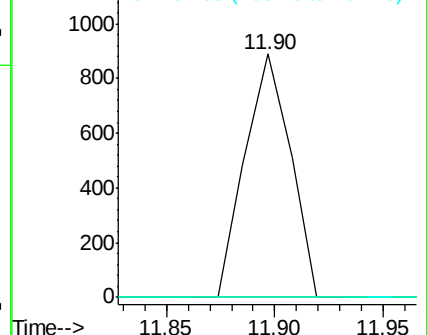
104 0.0 4.4 6.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

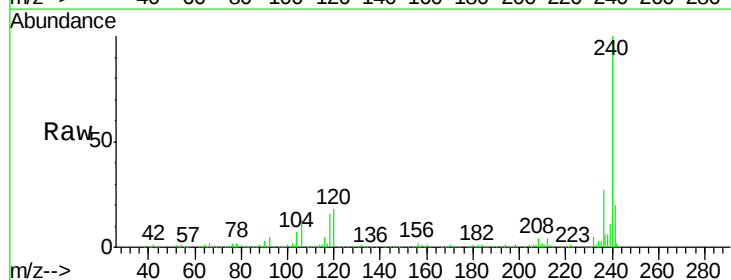
Tgt Ion:240 Resp: 480964

Ion Ratio Lower Upper

240 100

120 17.5 7.1 10.7#

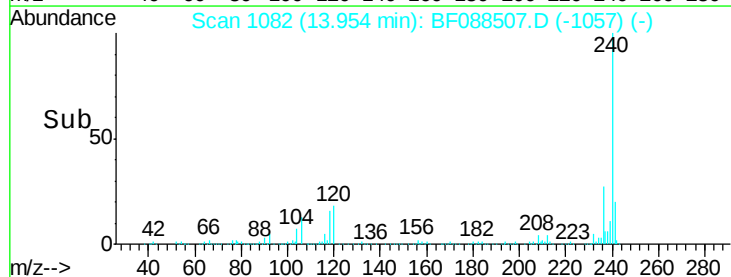
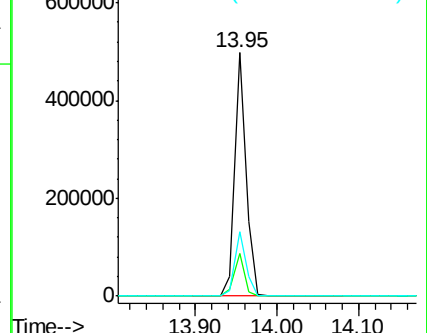
236 26.7 20.3 30.5

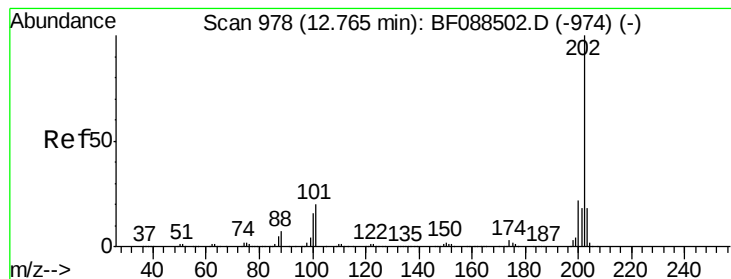


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 0.15 ng

RT: 12.93 min Scan# 992

Delta R.T. 0.16 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

PB91573BL

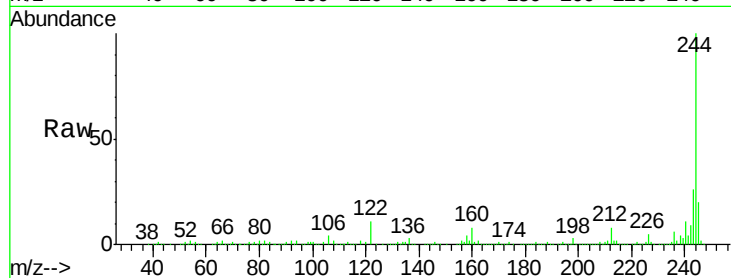
Tgt Ion:202 Resp: 6323

Ion Ratio Lower Upper

202 100

200 49.9 17.5 26.3#

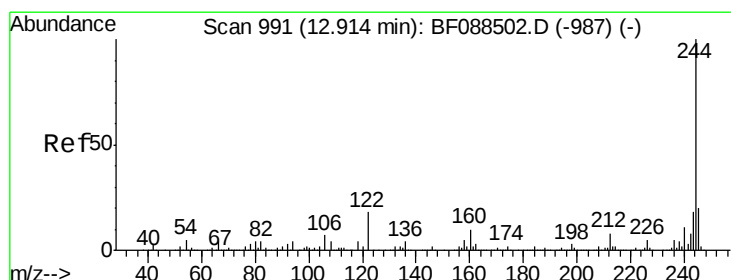
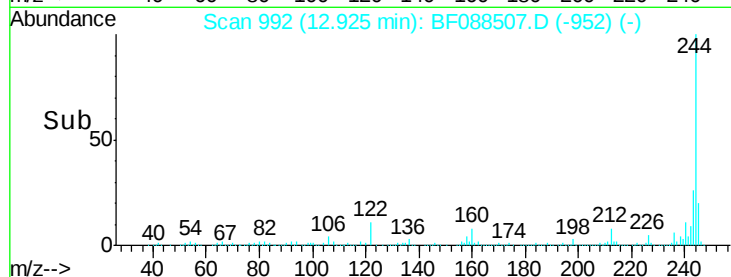
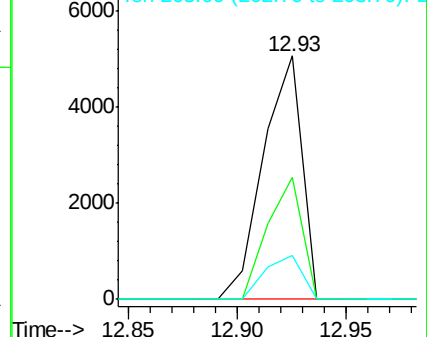
203 18.0 14.7 22.1



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: 64.72 ng

RT: 12.93 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

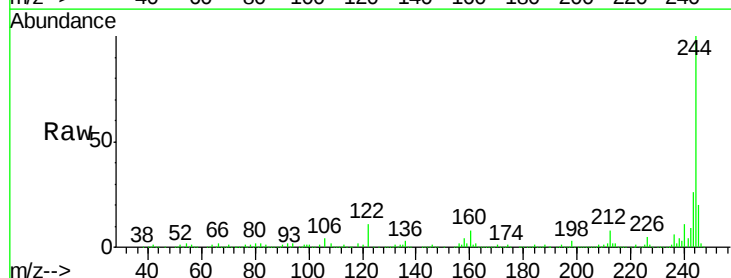
Tgt Ion:244 Resp: 1596264

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

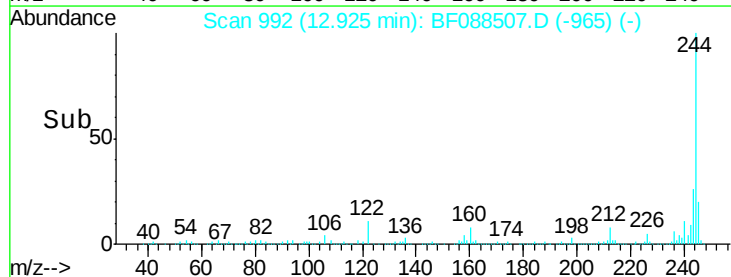
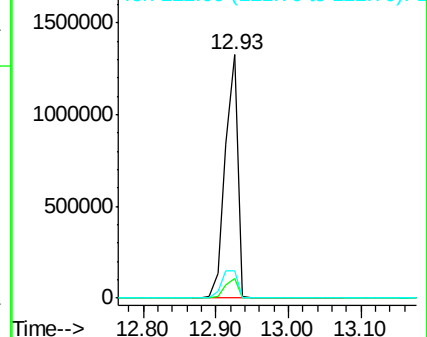
122 11.3 14.8 22.2#

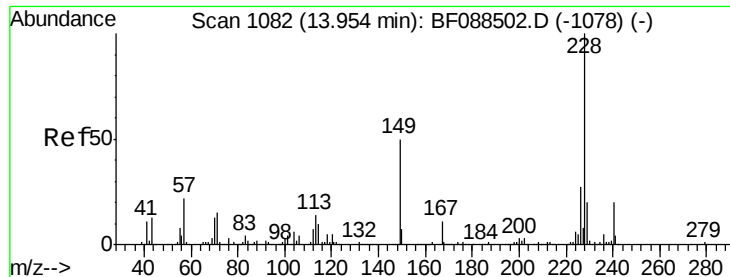


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.06 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

PB91573BL

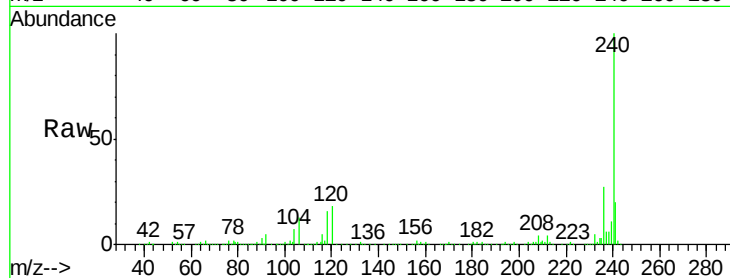
Tgt Ion:228 Resp: 1884

Ion Ratio Lower Upper

228 100

226 0.0 22.0 33.0#

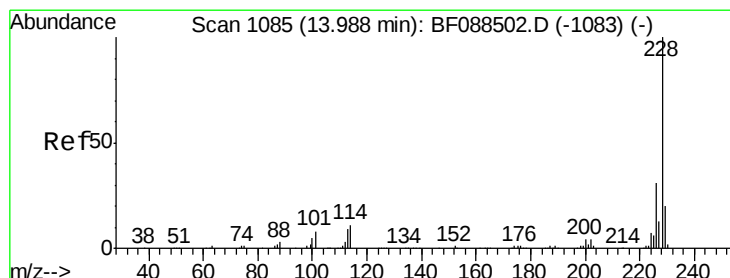
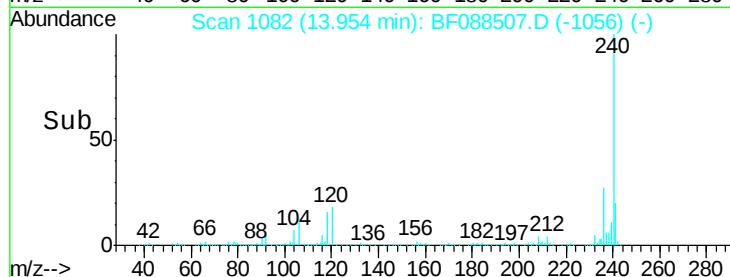
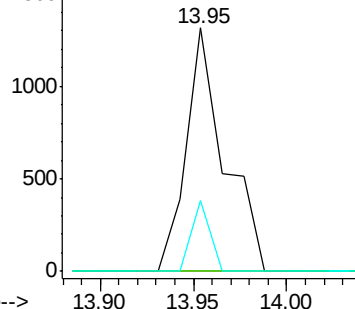
229 28.9 15.8 23.6#



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: 0.06 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF088507.D

Acq: 29 Jun 2016 22:30

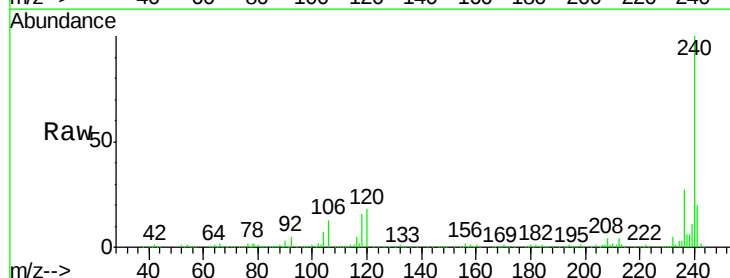
Tgt Ion:228 Resp: 1884

Ion Ratio Lower Upper

228 100

226 0.0 25.1 37.7#

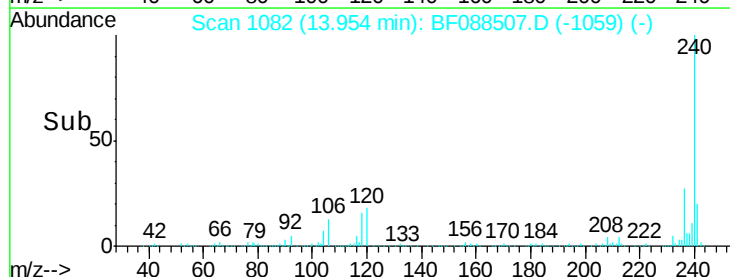
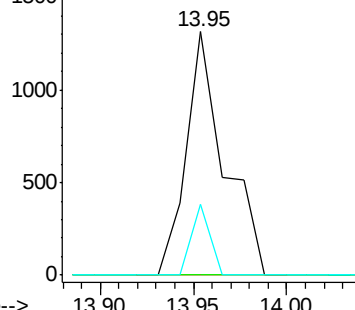
229 28.9 16.0 24.0#

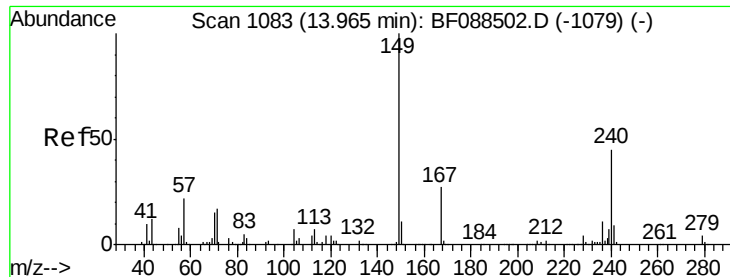


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

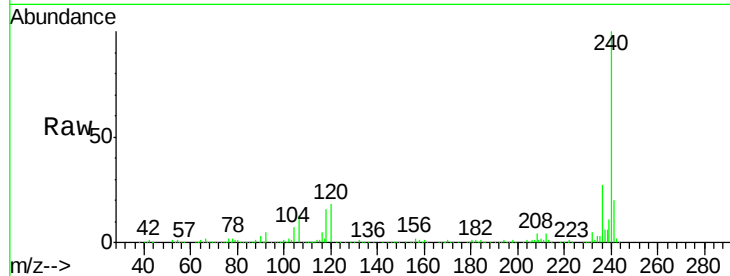




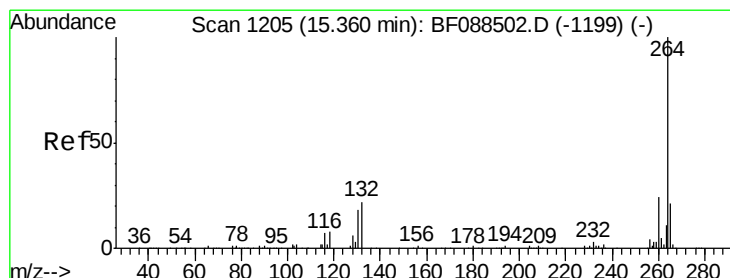
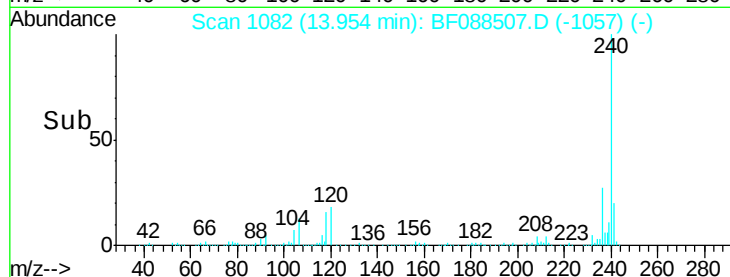
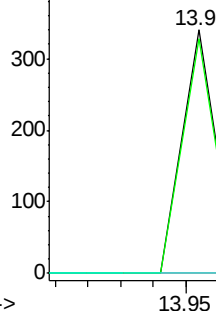
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.01 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF088507.D
 Acq: 29 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BL

Tgt Ion:149 Resp: 233
 Ion Ratio Lower Upper
 149 100
 167 96.2 21.3 31.9#
 279 0.0 3.0 4.4#

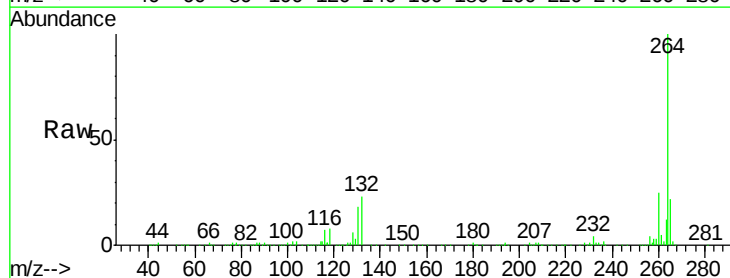


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

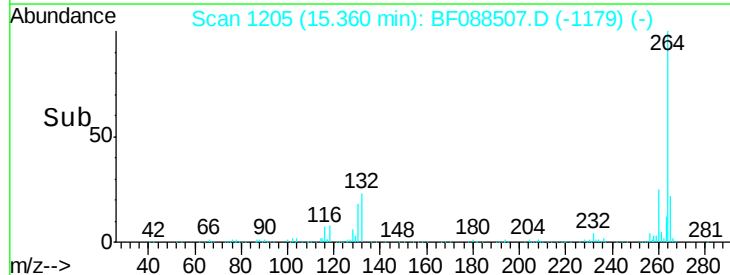
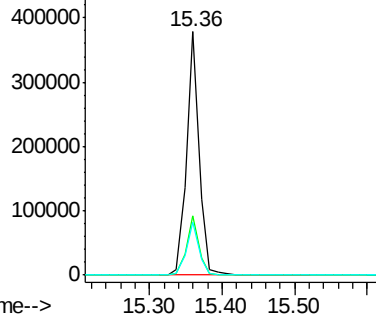


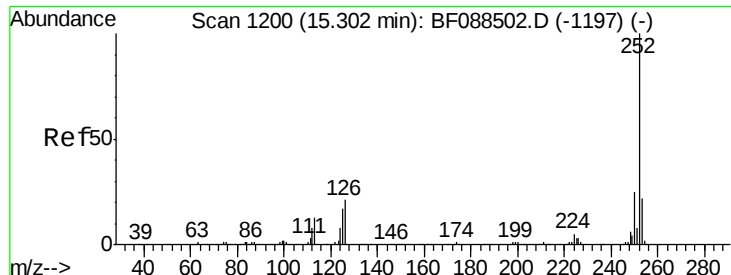
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF088507.D
 Acq: 29 Jun 2016 22:30

Tgt Ion:264 Resp: 453414
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 21.7 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 15.36 min Scan# 1205

Delta R.T. 0.06 min

Lab File: BF088507.D

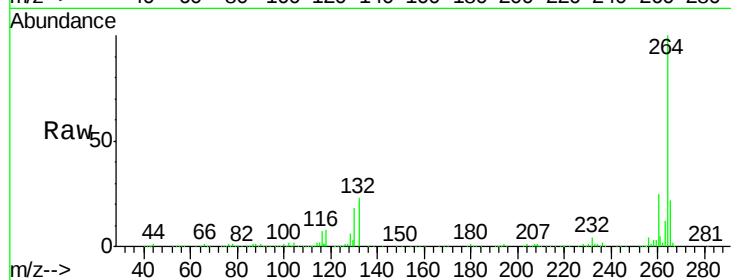
Acq: 29 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

PB91573BL



Tgt Ion:	252	Resp:	1383
Ion	Ratio	Lower	Upper
252	100		
253	34.9	17.5	26.3#
125	27.2	13.4	20.0#

