

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
 Data File : BF088509.D
 Acq On : 29 Jun 2016 23:28
 Operator : UM/SJ
 Sample : PB91573TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

Quant Time: Jun 30 02:17:20 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	175709	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	680760	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	310991	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	564325	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	361893	20.00	ng	-0.01
86) Perylene-d12	15.36	264	350726	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1100117	96.96	ng	0.01
7) Phenol-d6	6.46	99	1591139	109.66	ng	0.00
23) Nitrobenzene-d5	7.38	82	921127	71.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	262465	110.08	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1651910	85.18	ng	0.00
78) Terphenyl-d14	12.91	244	1186989	63.85	ng	0.00

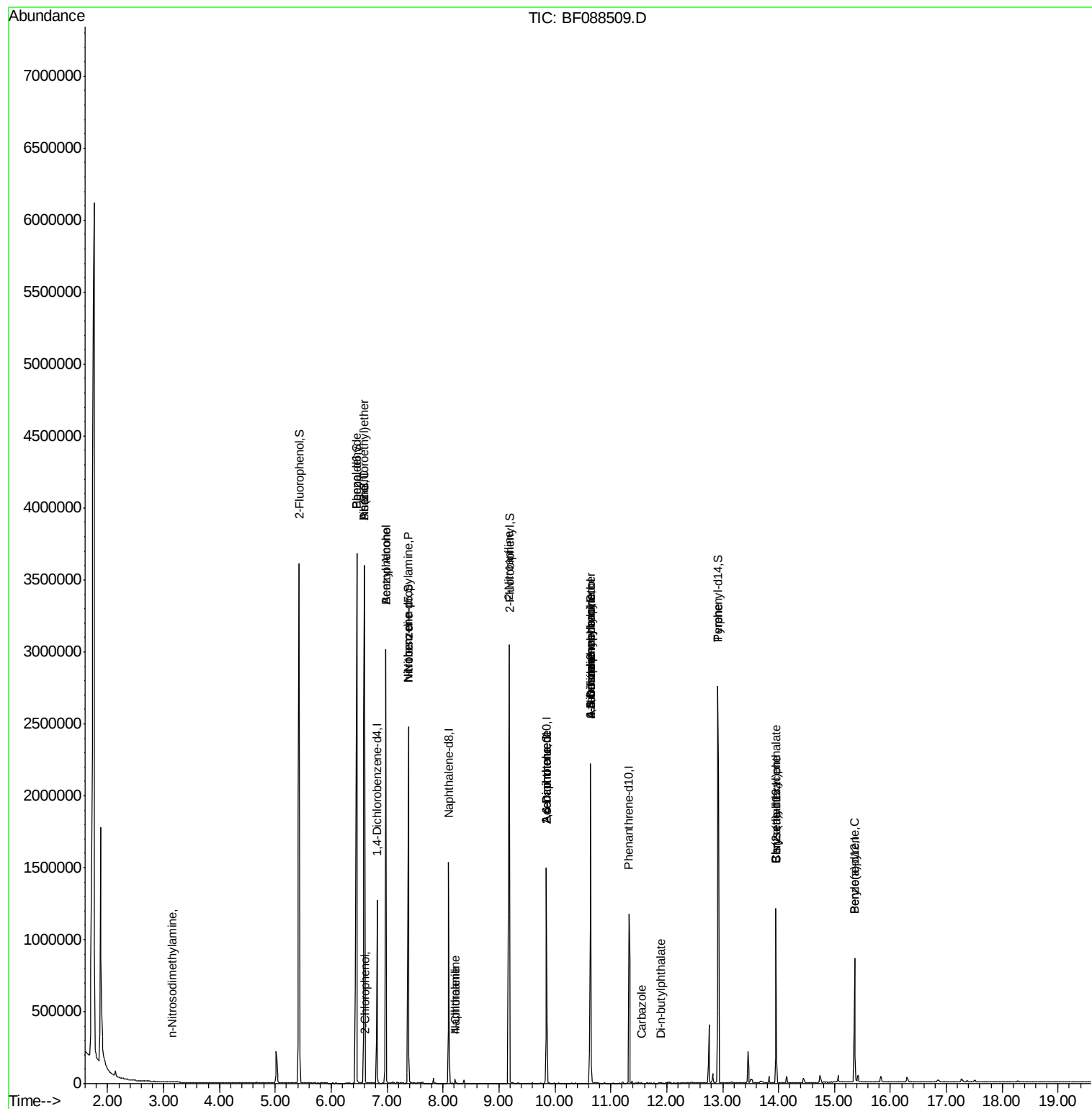
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.16	42	232	0.03	ng	# 1
6) Aniline	6.59	93	1920	0.09	ng	# 1
8) 2-Chlorophenol	6.60	128	346	0.03	ng	# 20
9) Benzaldehyde	6.46	77	2597	0.45	ng	# 3
10) Phenol	6.59	94	2609	0.16	ng	# 1
11) bis(2-Chloroethyl)ether	6.59	93	1920	0.15	ng	# 1
15) Benzyl Alcohol	6.98	79	17251	1.44	ng	# 37
19) n-Nitroso-di-n-propylamine	7.38	70	128639	13.03	ng	# 80
22) Acetophenone	6.98	105	209	0.01	ng	# 1
24) Nitrobenzene	7.38	77	2870	0.21	ng	# 40
31) Naphthalene	8.22	128	1394	0.04	ng	# 1
33) 4-Chloroaniline	8.22	127	232	0.02	ng	# 1
45) 1,1'-Biphenyl	9.19	154	3077	Below Cal		# 1
47) 2-Nitroaniline	9.18	65	2896	0.49	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	40057	8.57	ng	# 24
51) Acenaphthene	9.85	154	1055	0.05	ng	# 4
56) 2,4-Dinitrotoluene	9.85	165	40058	6.85	ng	# 30
62) Azobenzene	10.64	77	2573	0.09	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.64	198	833	3.77	ng	# 1
65) n-Nitrosodiphenylamine	10.64	169	10618	0.53	ng	# 45
66) 4-Bromophenyl-phenylether	10.64	248	18778	3.08	ng	# 1
70) Phenanthrene	11.34	178	214	Below Cal		# 1
71) Anthracene	11.40	178	213	Below Cal		# 60
72) Carbazole	11.55	167	213	0.01	ng	# 58
73) Di-n-butylphthalate	11.90	149	1083	0.03	ng	# 77
77) Pyrene	12.91	202	4294	0.14	ng	# 66
80) Benzo(a)anthracene	13.95	228	1353	0.06	ng	# 51
82) Chrysene	13.95	228	1353	0.06	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.95	149	302	0.02	ng	# 1
89) Benzo(a)pyrene	15.36	252	898	0.05	ng	# 68

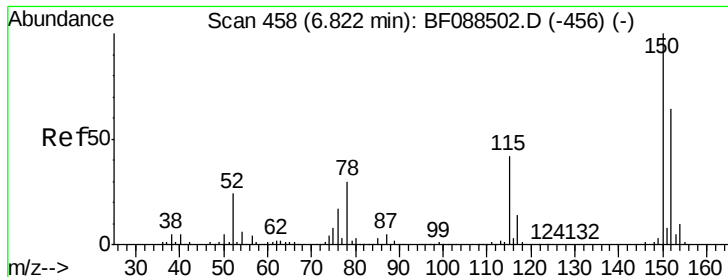
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088509.D

Acq: 29 Jun 2016 23:28

Instrument :

BNA_F

ClientSampleId :

PB91573TB

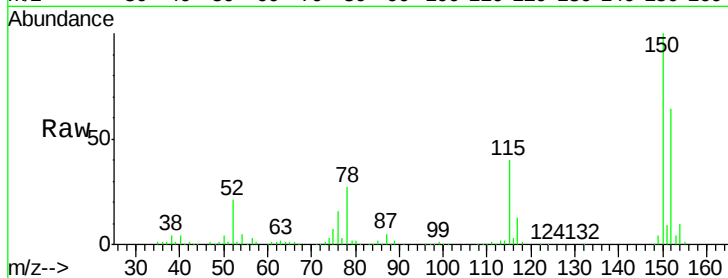
Tgt Ion:152 Resp: 175709

Ion Ratio Lower Upper

152 100

150 155.4 124.5 186.7

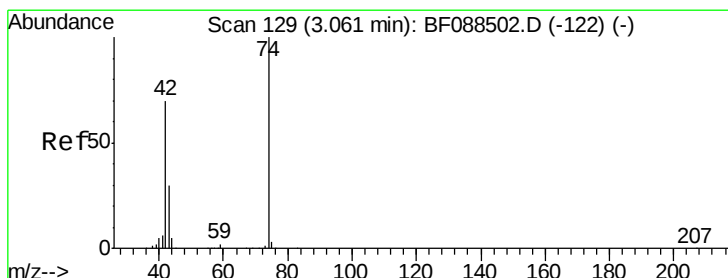
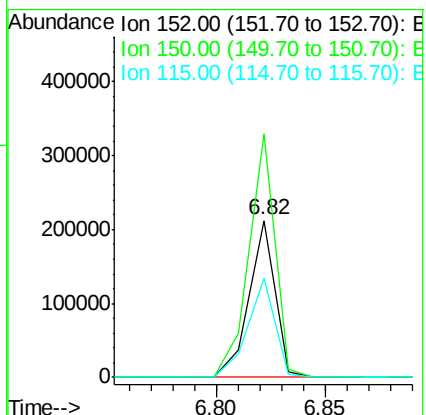
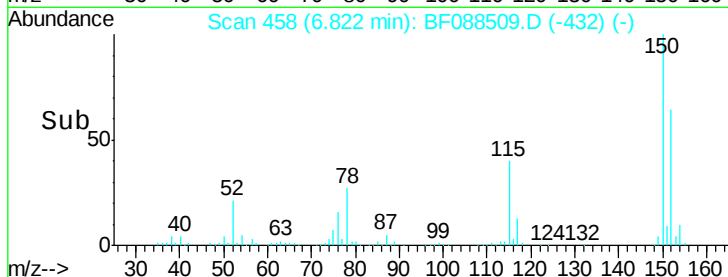
115 62.9 52.3 78.5



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



#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.16 min Scan# 138

Delta R.T. 0.10 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

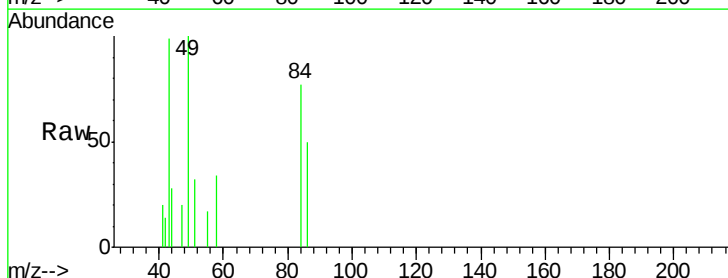
Tgt Ion: 42 Resp: 232

Ion Ratio Lower Upper

42 100

74 0.0 113.7 170.5#

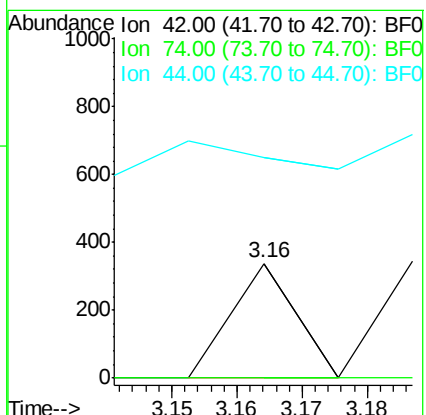
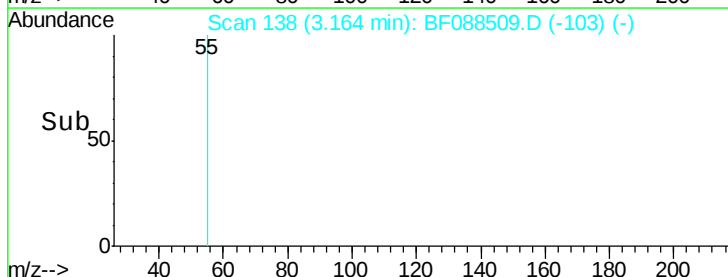
44 192.9 6.4 9.6#

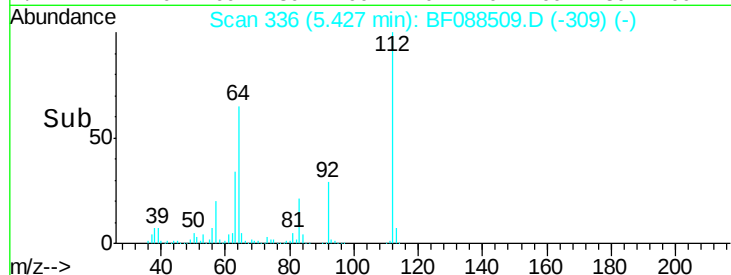
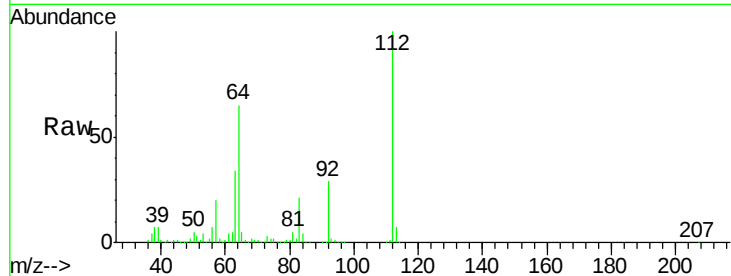
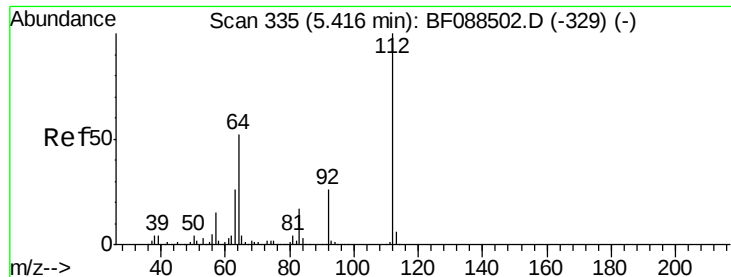


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

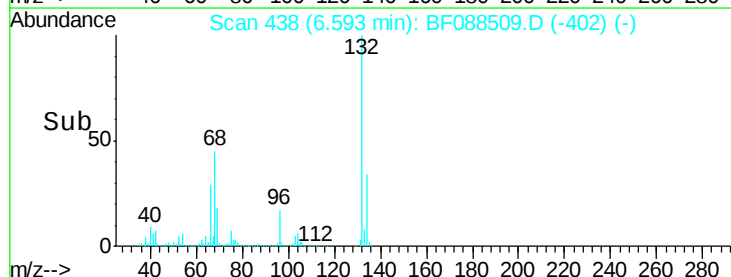
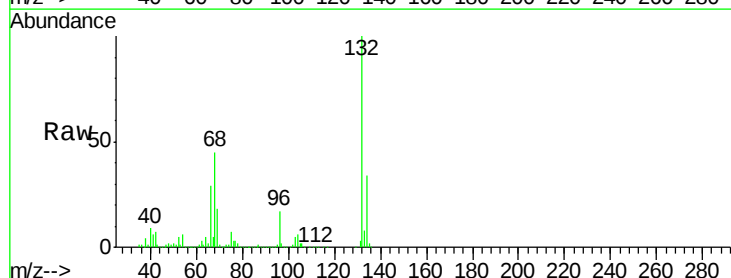
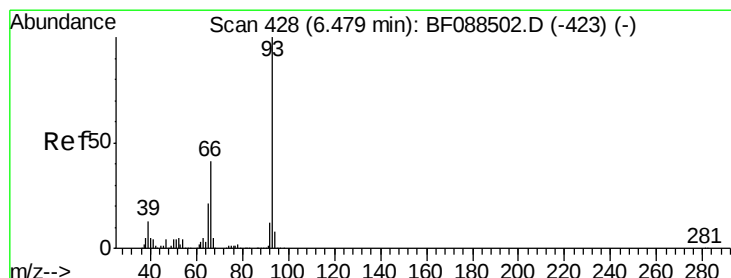
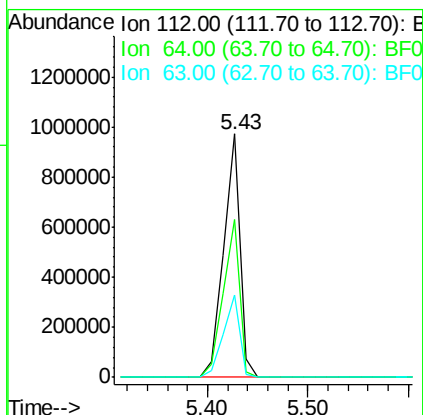




#5
2-Fluorophenol
Concen: 96.96 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.01 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

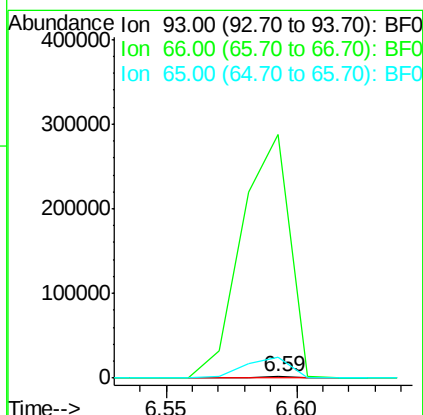
Instrument :
BNA_F
ClientSampleId :
PB91573TB

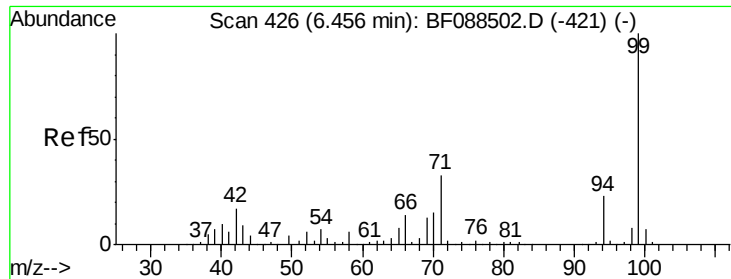
Tgt Ion: 112 Resp: 1100117
Ion Ratio Lower Upper
112 100
64 64.7 41.5 62.3#
63 33.6 20.6 31.0#



#6
Aniline
Concen: 0.09 ng
RT: 6.59 min Scan# 438
Delta R.T. 0.11 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

Tgt Ion: 93 Resp: 1920
Ion Ratio Lower Upper
93 100
66 17601.0 33.0 49.6#
65 1508.4 16.5 24.7#





#7

Phenol-d6

Concen: 109.66 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Instrument :

BNA_F

ClientSampleId :

PB91573TB

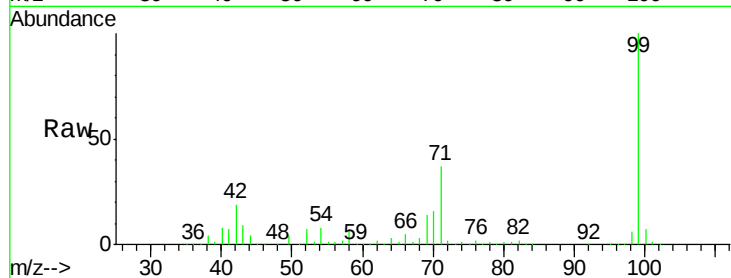
Tgt Ion: 99 Resp: 1591139

Ion Ratio Lower Upper

99 100

42 19.2 13.4 20.0

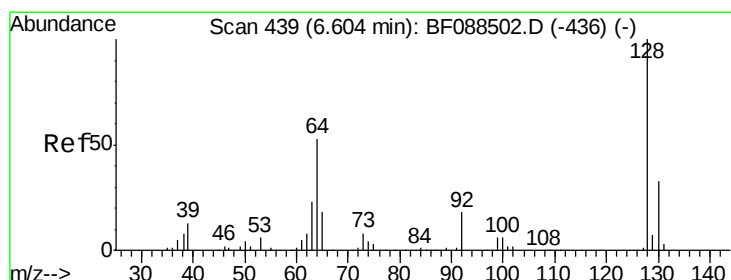
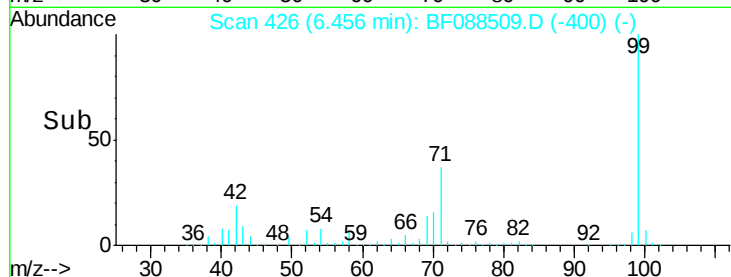
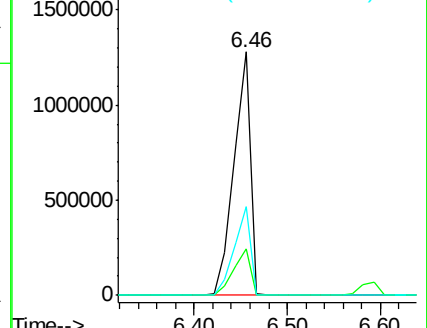
71 36.7 26.1 39.1



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: BF088509.D

Acq: 29 Jun 2016 23:28

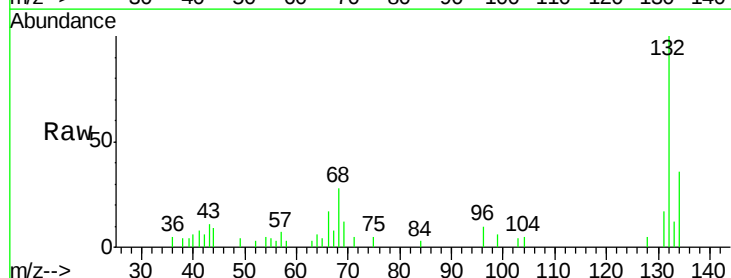
Tgt Ion: 128 Resp: 346

Ion Ratio Lower Upper

128 100

130 0.0 13.2 53.2#

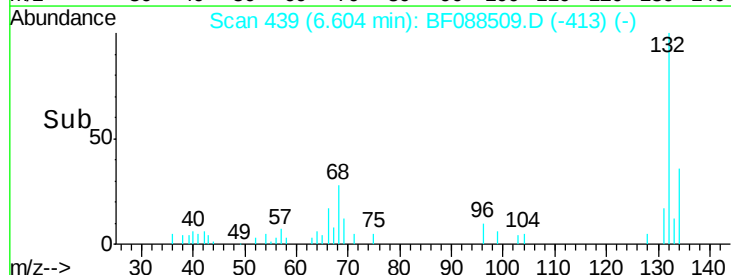
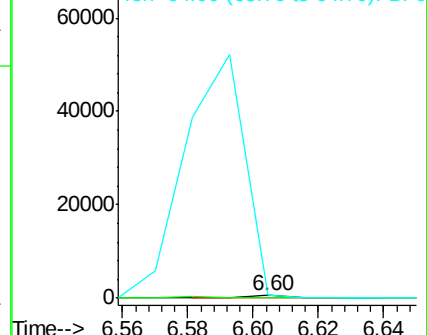
64 121.2 34.3 74.3#

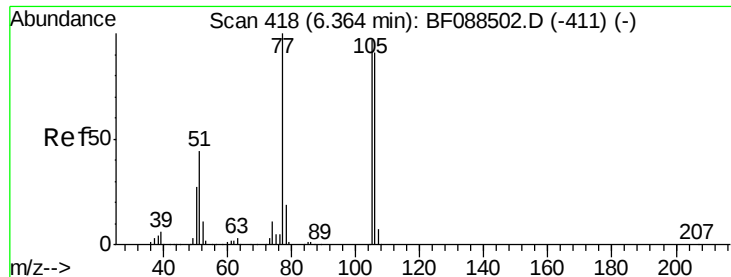


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.45 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.09 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Instrument :

BNA_F

ClientSampleId :

PB91573TB

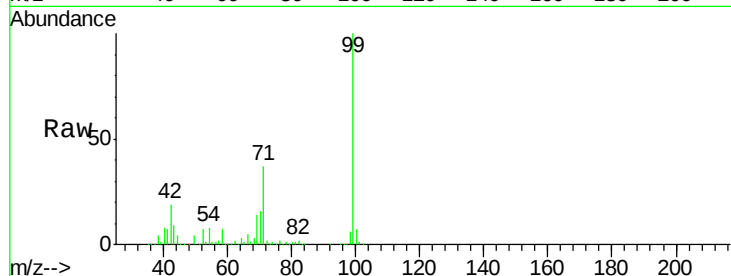
Tgt Ion: 77 Resp: 2597

Ion Ratio Lower Upper

77 100

105 0.0 76.6 116.6#

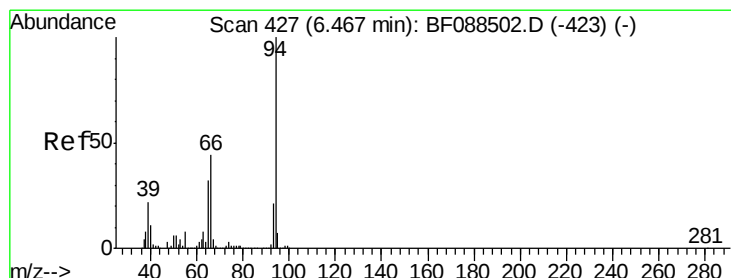
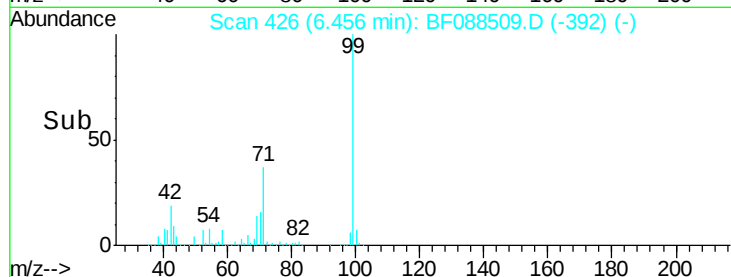
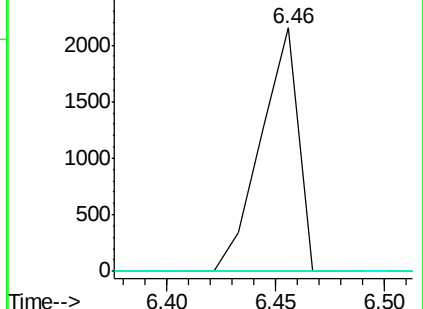
106 0.0 70.8 110.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.16 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.13 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

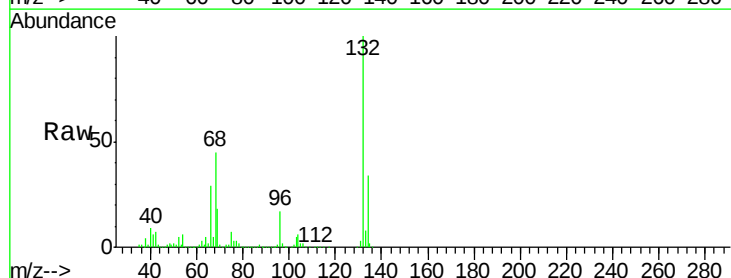
Tgt Ion: 94 Resp: 2609

Ion Ratio Lower Upper

94 100

65 1049.1 11.6 51.6#

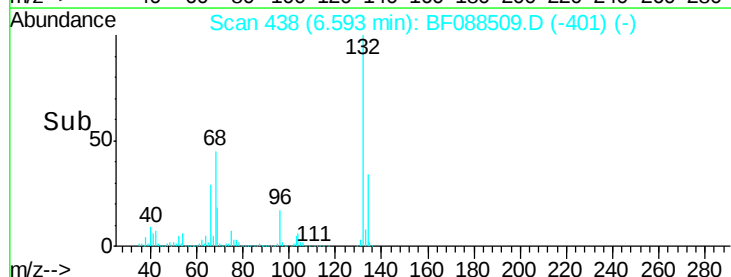
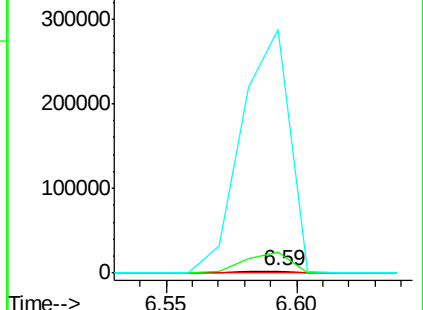
66 12241.2 23.8 63.8#

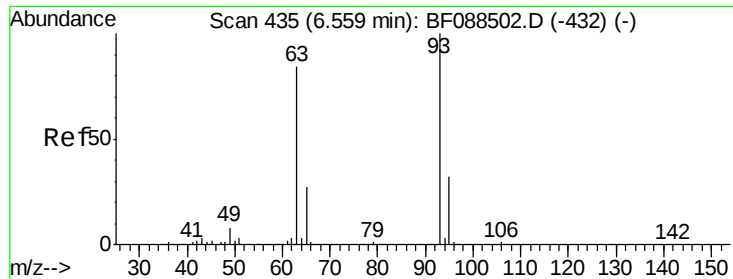


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

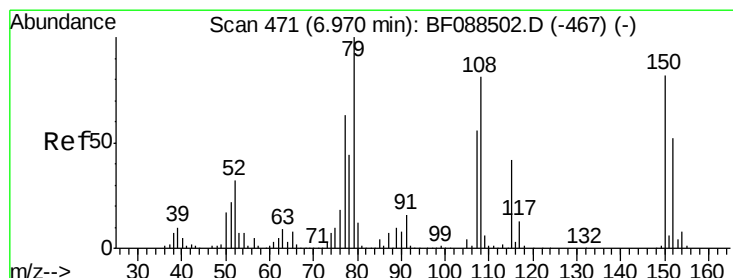
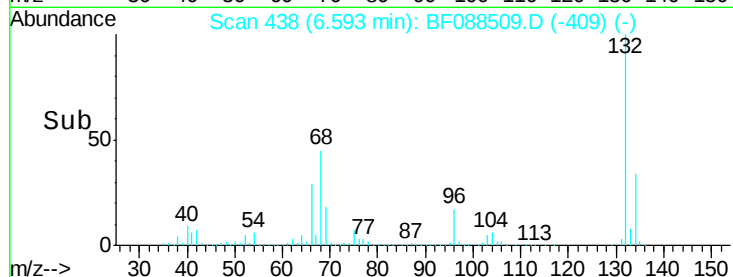
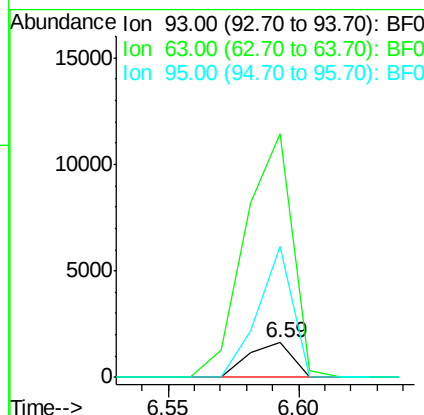
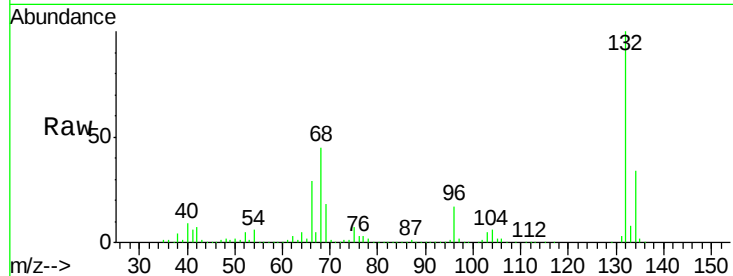




#11
bis(2-Chloroethyl)ether
Concen: 0.15 ng
RT: 6.59 min Scan# 438
Delta R.T. 0.03 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

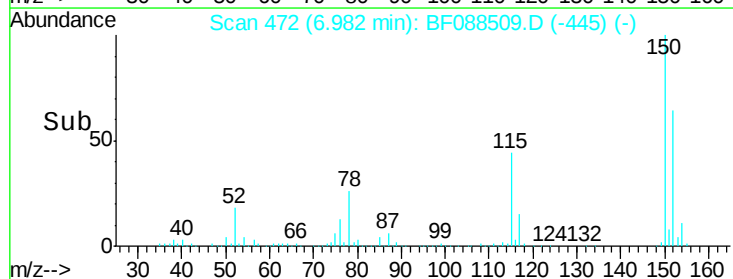
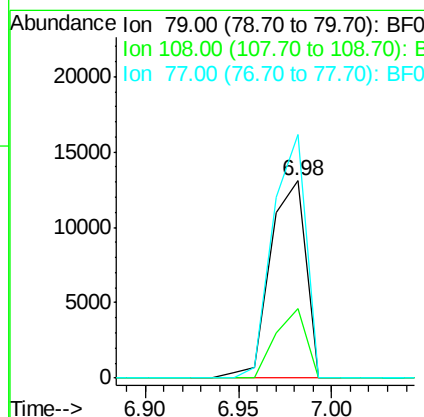
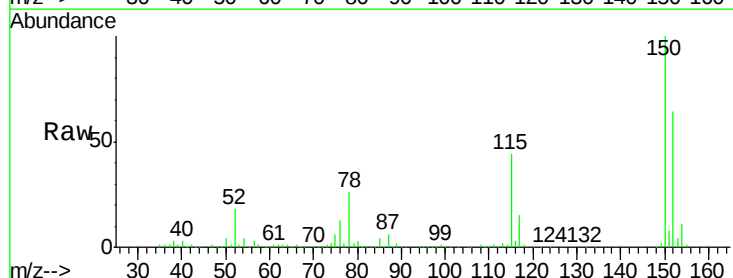
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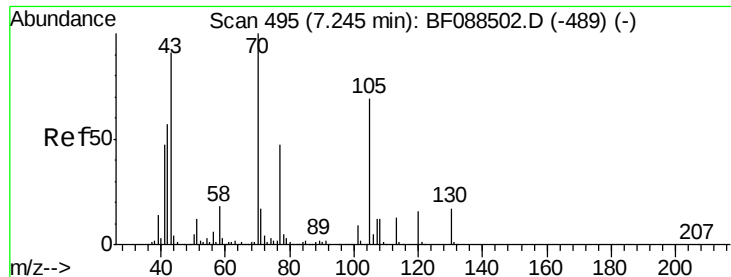
Tgt Ion: 93 Resp: 1920
Ion Ratio Lower Upper
93 100
63 700.1 63.4 103.4#
95 375.8 11.7 51.7#



#15
Benzyl Alcohol
Concen: 1.44 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

Tgt Ion: 79 Resp: 17251
Ion Ratio Lower Upper
79 100
108 35.3 64.7 97.1#
77 123.5 50.4 75.6#

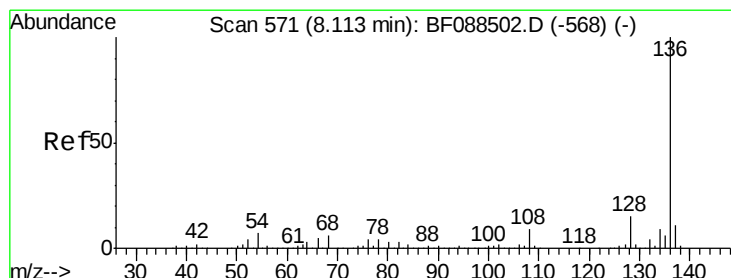
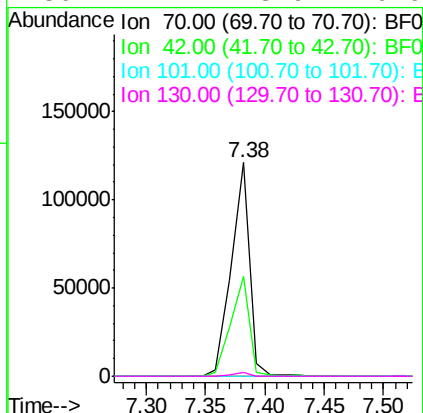
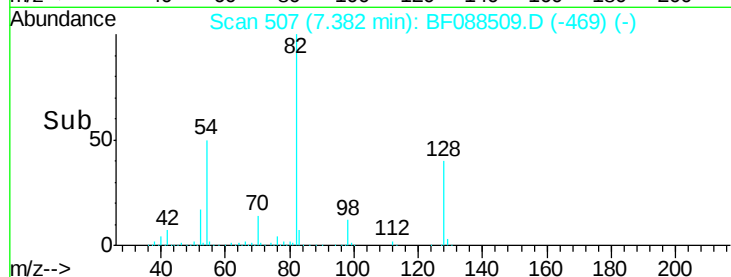
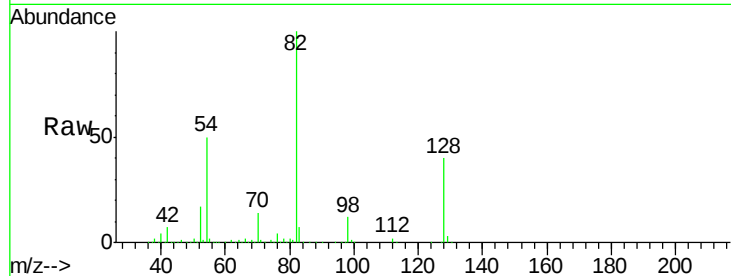




#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.14 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

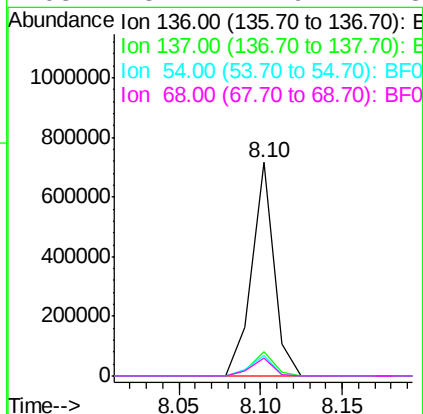
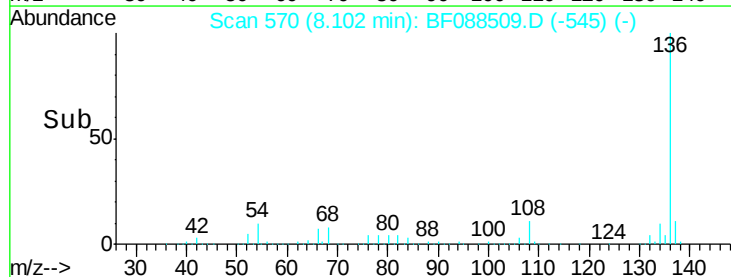
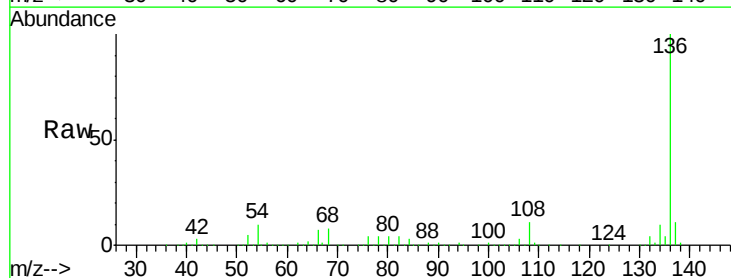
Instrument :
BNA_F
ClientSampleId :
PB91573TB

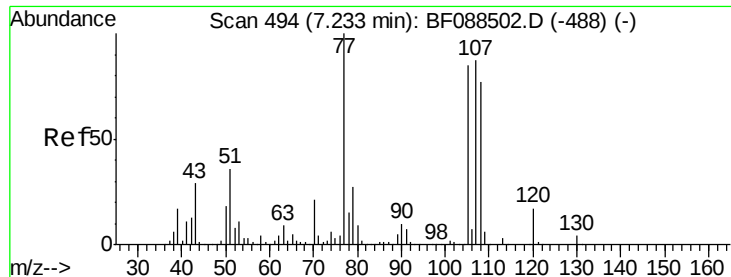
Tgt Ion: 70 Resp: 128639
Ion Ratio Lower Upper
70 100
42 46.6 45.9 68.9
101 0.0 6.8 10.2#
130 2.1 13.9 20.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

Tgt Ion: 136 Resp: 680760
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.7 5.4 8.2#
68 8.2 4.9 7.3#





#22

Acetophenone

Concen: 0.01 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.25 min

Lab File: BF088509.D

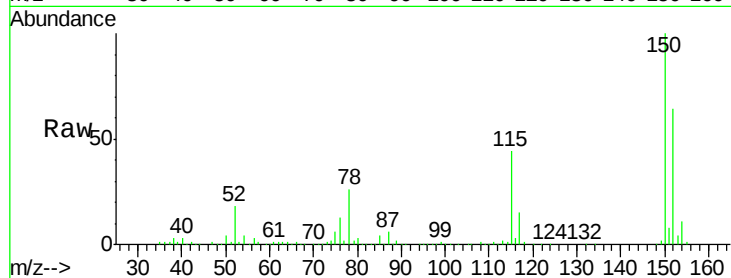
Acq: 29 Jun 2016 23:28

Instrument :

BNA_F

ClientSampleId :

PB91573TB



Tgt Ion:105 Resp: 209

Ion Ratio Lower Upper

105 100

71 522.0 3.4 5.2#

51 1810.5 33.6 50.4#

120 256.4 15.6 23.4#

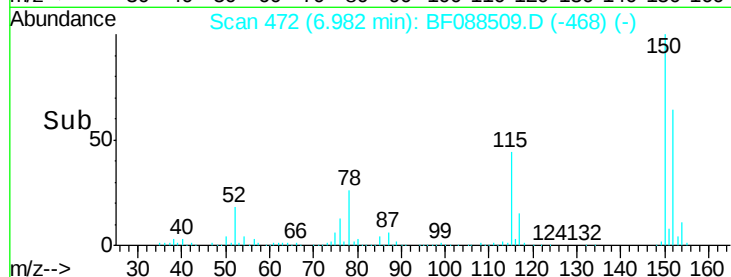
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

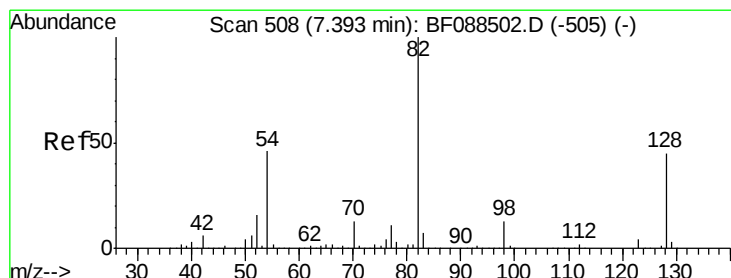
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 71.07 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Tgt Ion: 82 Resp: 921127

Ion Ratio Lower Upper

82 100

128 40.4 35.8 53.8

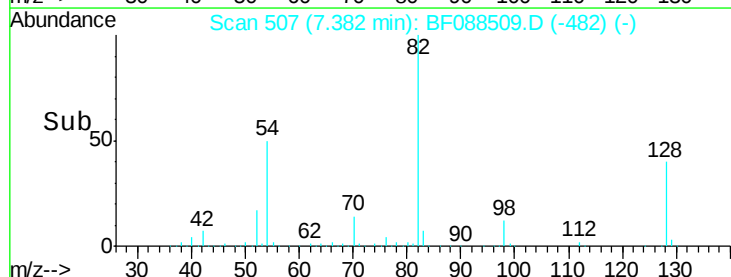
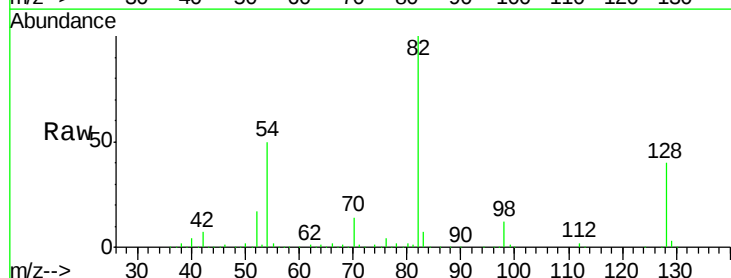
54 50.5 37.1 55.7

Abundance Ion 82.00 (81.70 to 82.70): BF0

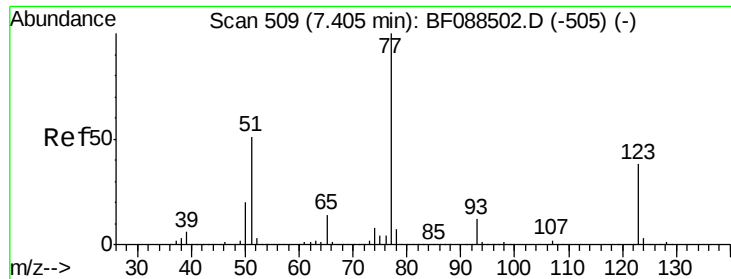
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



Time-->



#24

Nitrobenzene

Concen: 0.21 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Instrument :

BNA_F

ClientSampleId :

PB91573TB

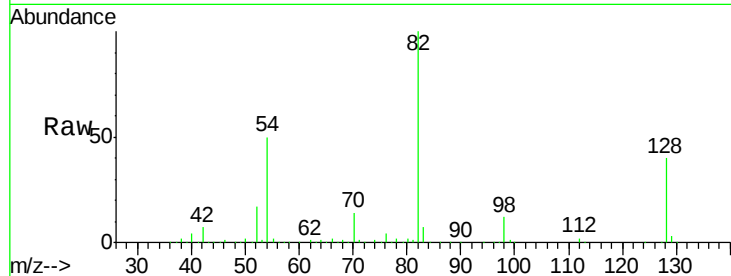
Tgt Ion: 77 Resp: 2870

Ion Ratio Lower Upper

77 100

123 0.0 30.7 46.1#

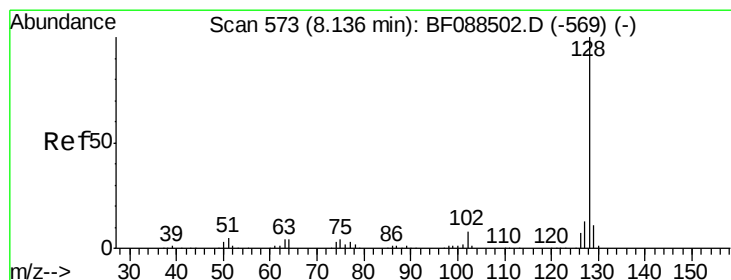
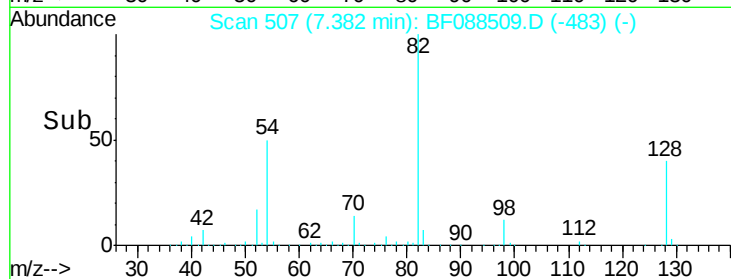
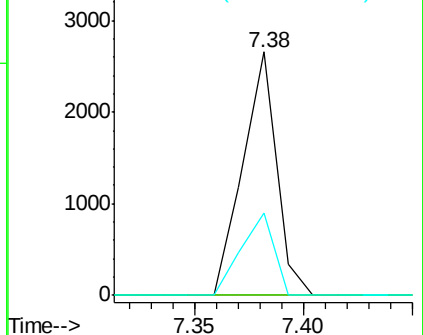
65 34.1 10.9 16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF0



#31

Naphthalene

Concen: 0.04 ng

RT: 8.22 min Scan# 580

Delta R.T. 0.08 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

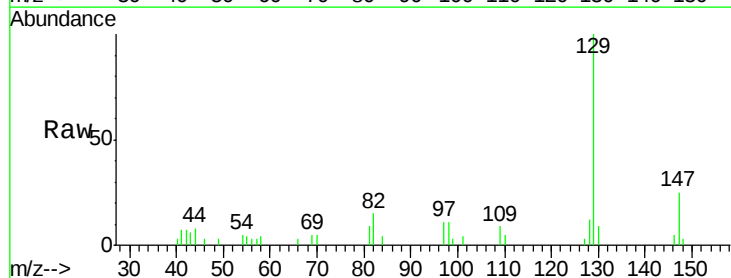
Tgt Ion: 128 Resp: 1394

Ion Ratio Lower Upper

128 100

129 847.4 8.6 12.8#

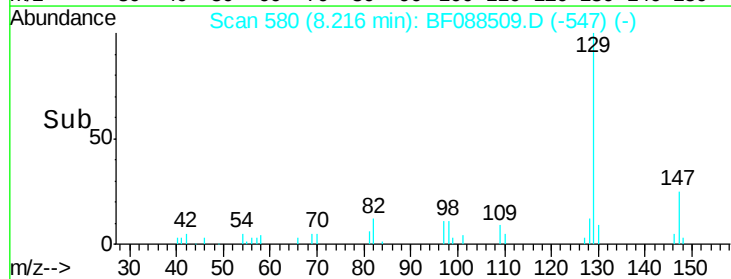
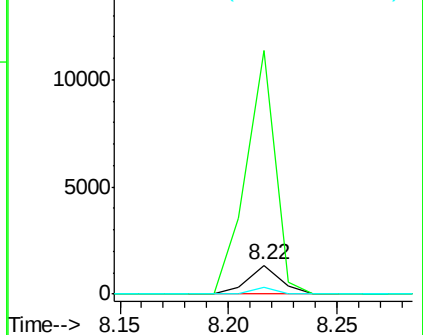
127 25.3 10.6 16.0#

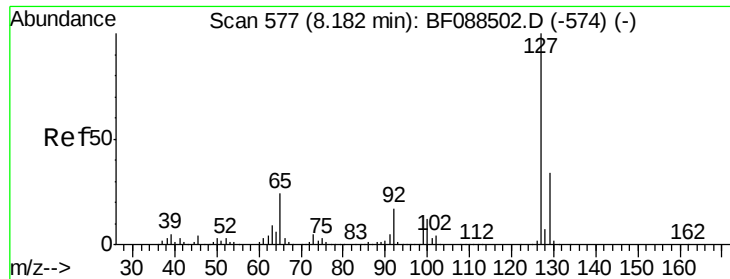


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

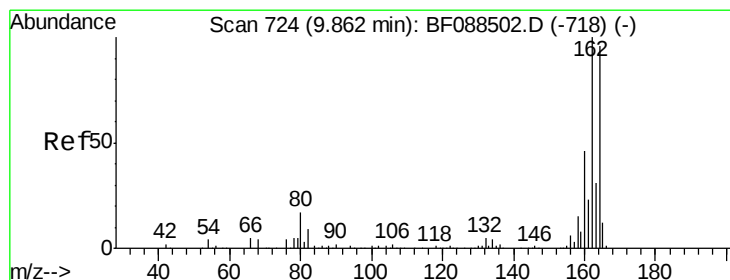
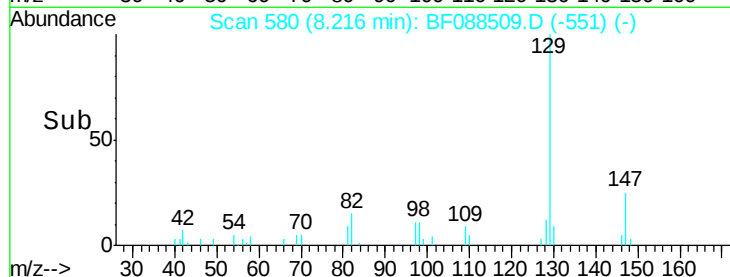
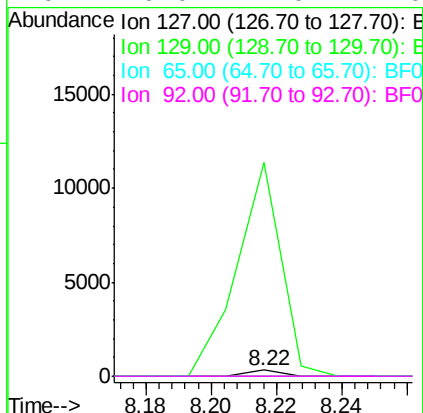
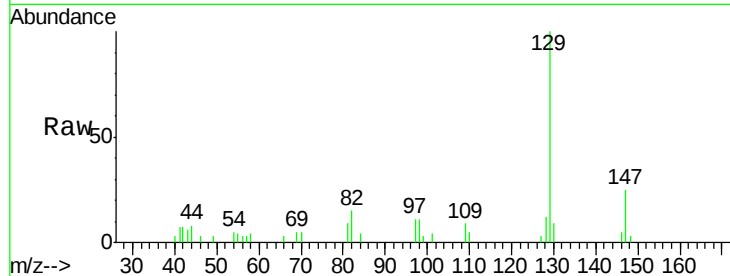




#33
4-Chloroaniline
Concen: 0.02 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.03 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

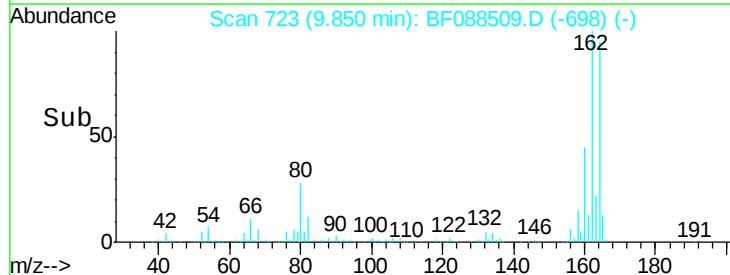
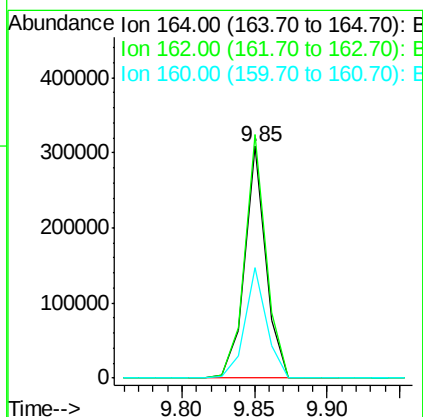
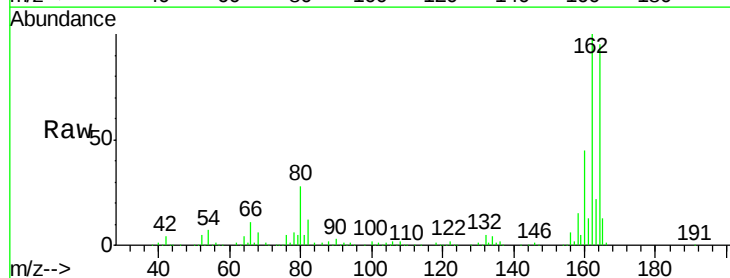
Instrument :
BNA_F
ClientSampleId :
PB91573TB

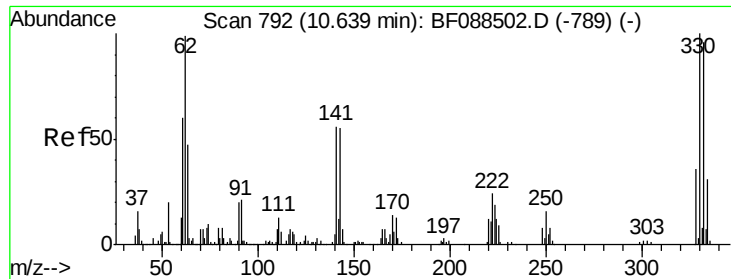
Tgt Ion:127 Resp: 232
Ion Ratio Lower Upper
127 100
129 3351.9 26.9 40.3#
65 0.0 19.4 29.2#
92 0.0 14.0 21.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

Tgt Ion:164 Resp: 310991
Ion Ratio Lower Upper
164 100
162 105.1 83.7 125.5
160 47.7 38.9 58.3

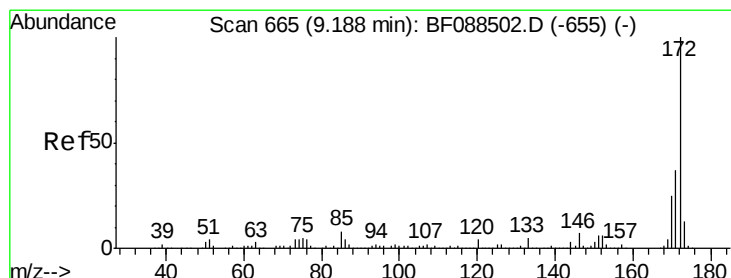
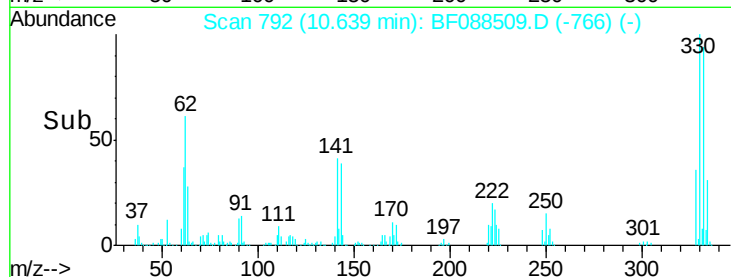
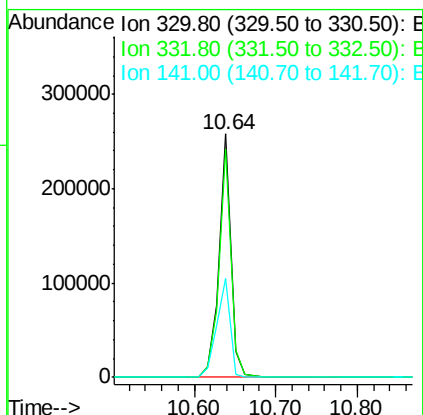
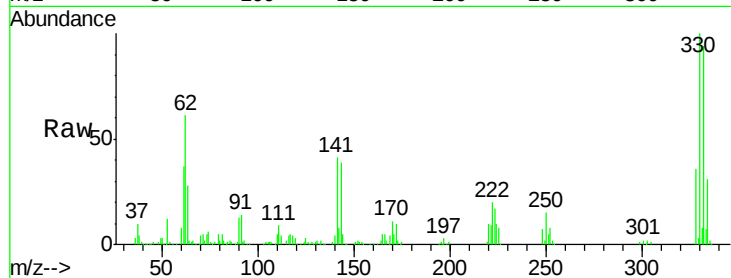




#41
 2,4,6-Tribromophenol
 Concen: 110.08 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088509.D
 Acq: 29 Jun 2016 23:28

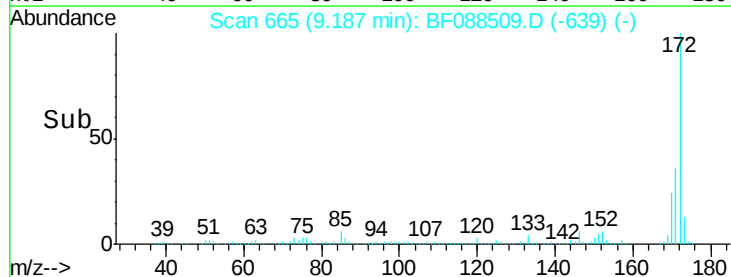
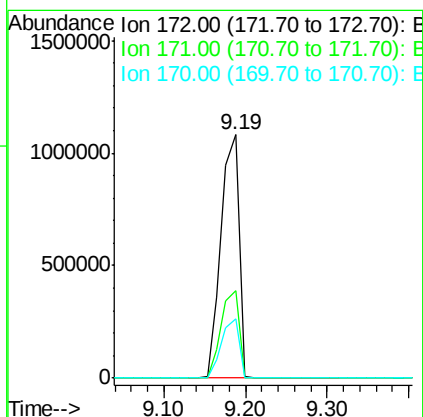
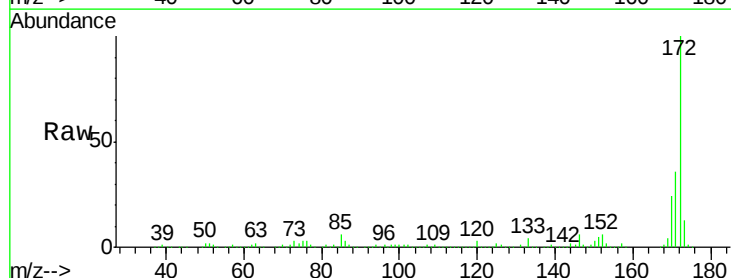
Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

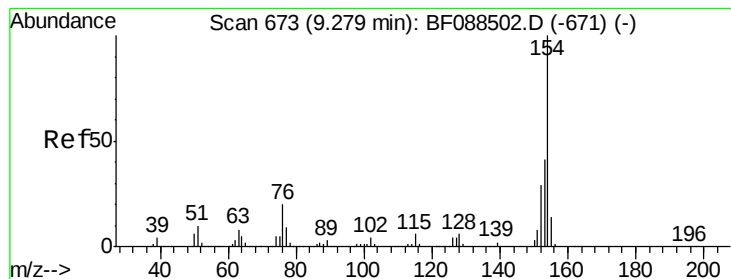
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	0.0	0.0#
141	46.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 85.18 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF088509.D
 Acq: 29 Jun 2016 23:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.3	43.9
170	24.4	19.8	29.8





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.19 min Scan# 665

Delta R.T. -0.09 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Instrument :

BNA_F

ClientSampleId :

PB91573TB

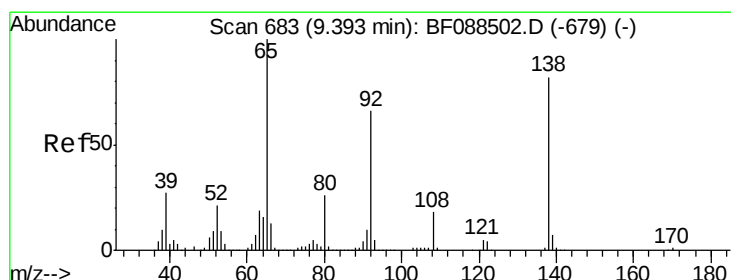
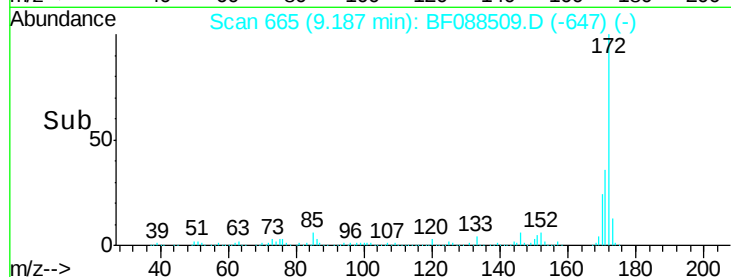
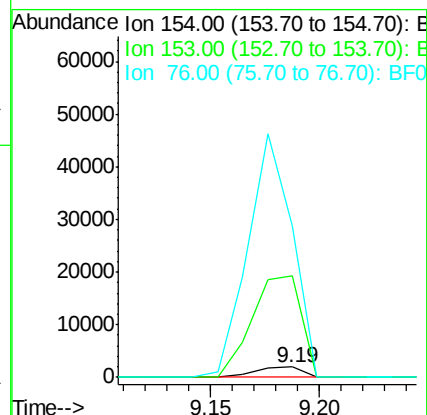
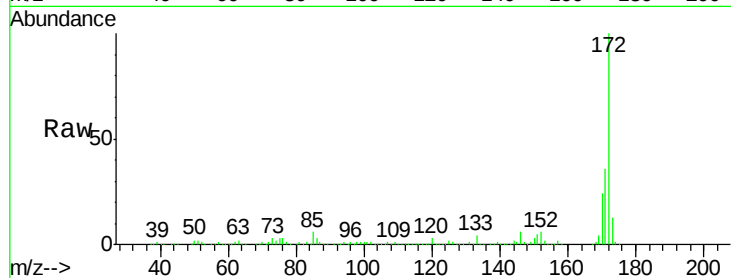
Tgt Ion:154 Resp: 3077

Ion Ratio Lower Upper

154 100

153 986.8 20.8 60.8#

76 1481.4 0.0 39.9#



#47

2-Nitroaniline

Concen: 0.49 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.22 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

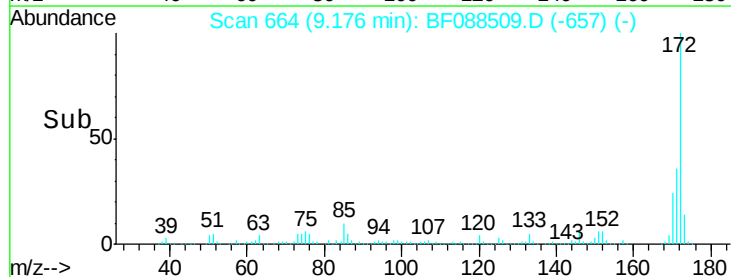
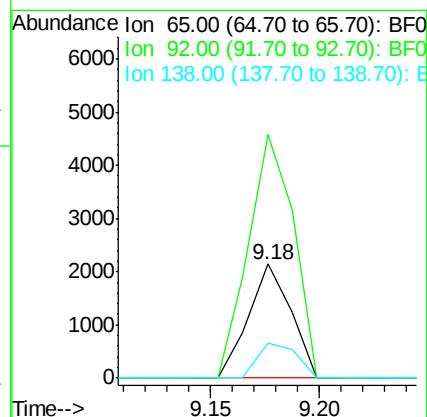
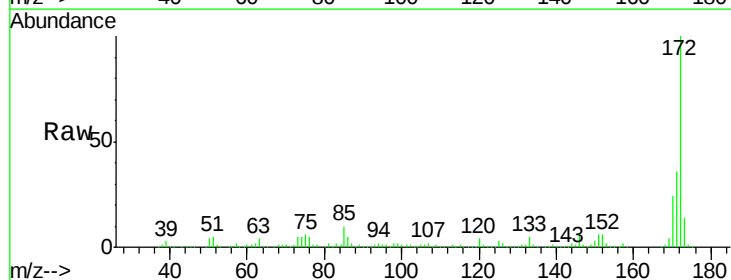
Tgt Ion: 65 Resp: 2896

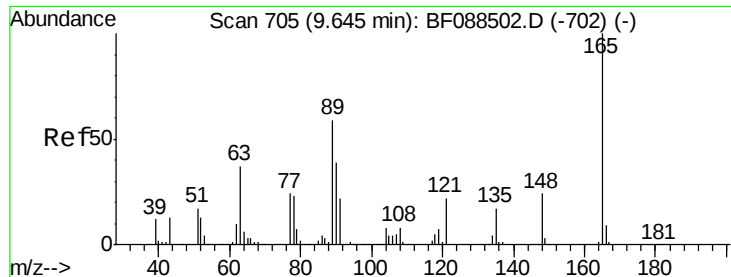
Ion Ratio Lower Upper

65 100

92 213.8 52.9 79.3#

138 30.2 65.8 98.6#





#50

2,6-Dinitrotoluene

Concen: 8.57 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.21 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Instrument :

BNA_F

ClientSampled :

PB91573TB

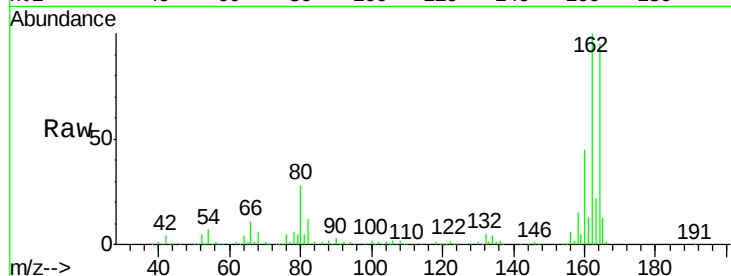
Tgt Ion:165 Resp: 40057

Ion Ratio Lower Upper

165 100

63 1.7 45.0 67.4#

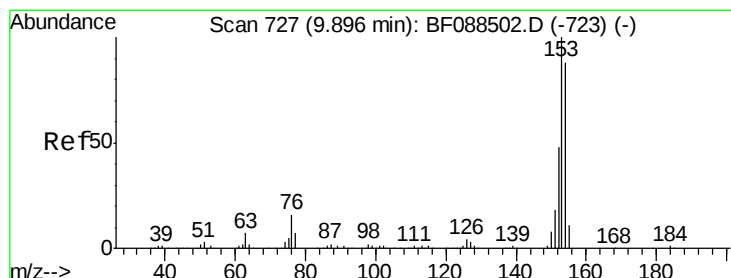
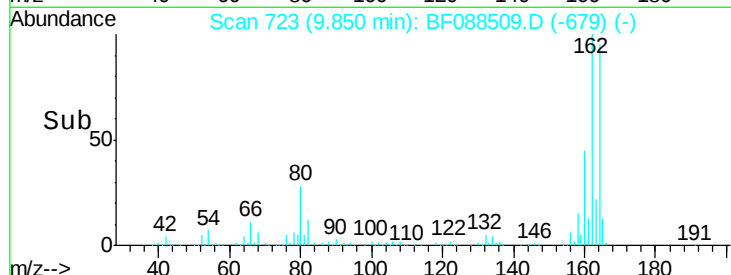
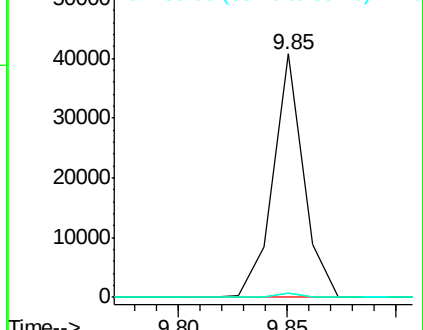
89 1.7 47.8 71.6#



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: 0.05 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.05 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

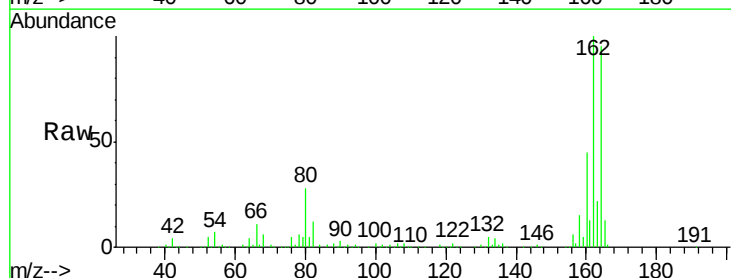
Tgt Ion:154 Resp: 1055

Ion Ratio Lower Upper

154 100

153 0.0 91.0 136.6#

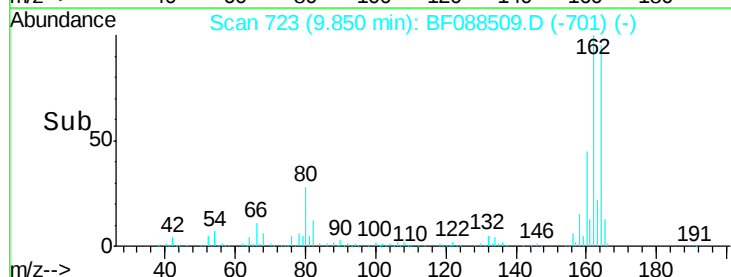
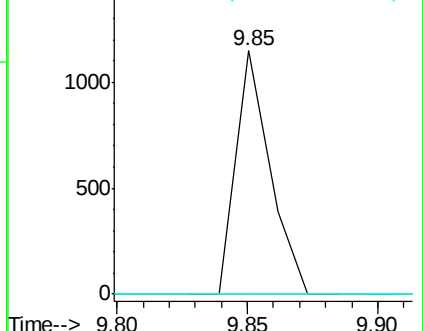
152 0.0 43.9 65.9#

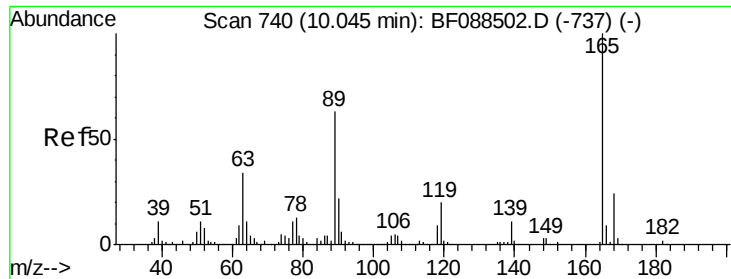


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

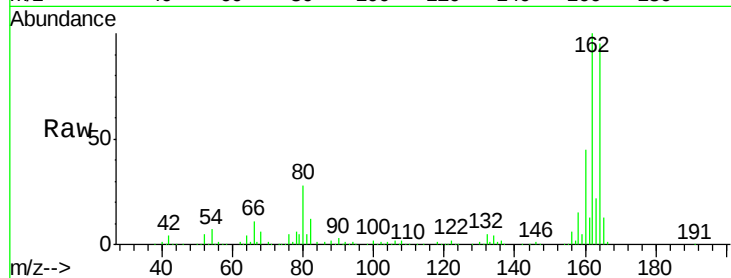




#56
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.19 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

Instrument :
BNA_F
ClientSampleId :
PB91573TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	27.3	40.9#
89	1.7	50.4	75.6#
182	0.0	2.0	3.0#



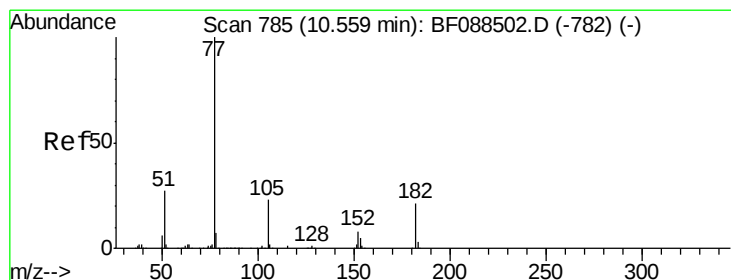
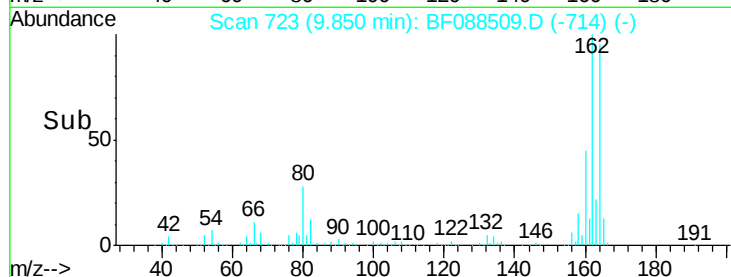
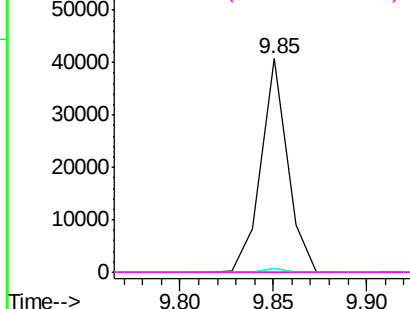
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

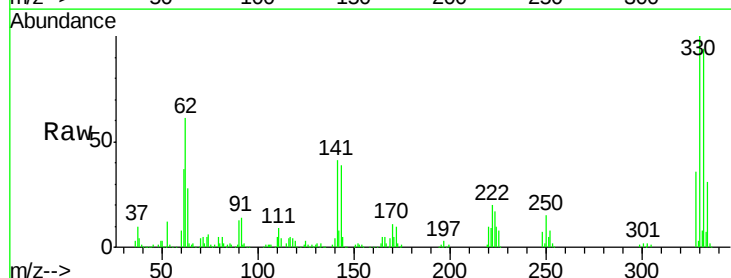
Ion 89.00 (88.70 to 89.70): BF0

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: BF088509.D
Acq: 29 Jun 2016 23:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.6	40.6#
105	88.6	2.3	42.3#
51	60.9	8.0	48.0#



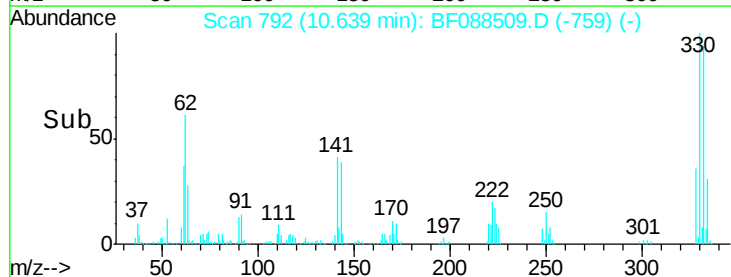
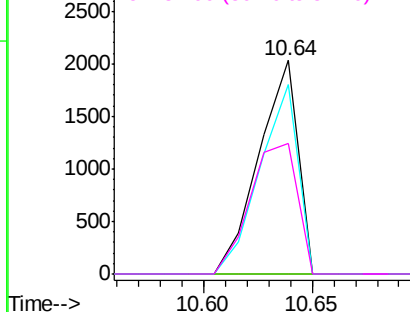
Abundance

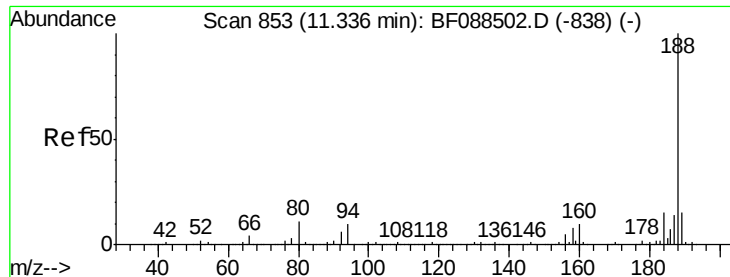
Ion 77.00 (76.70 to 77.70): BF0

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

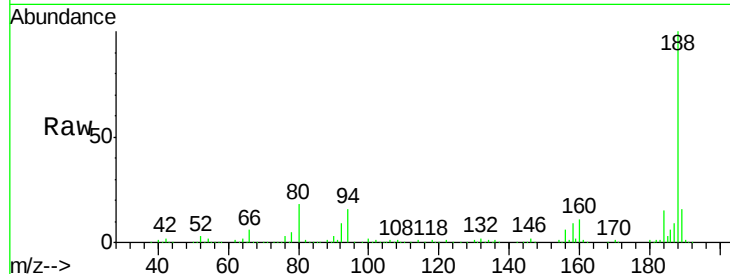




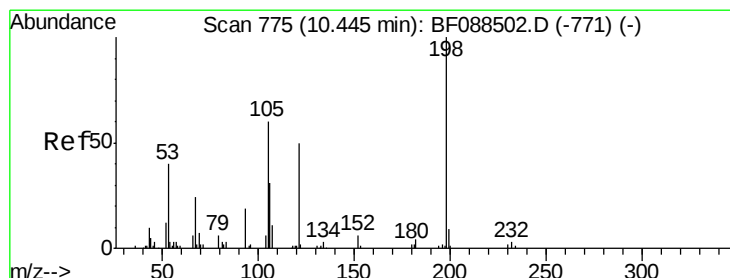
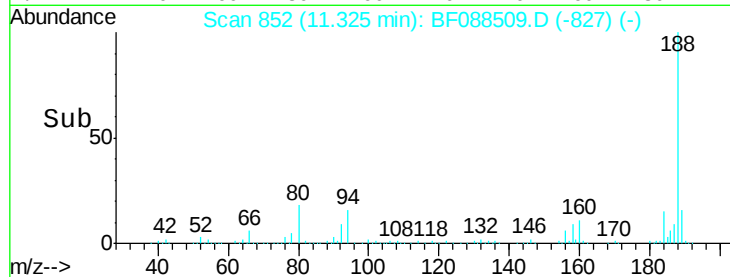
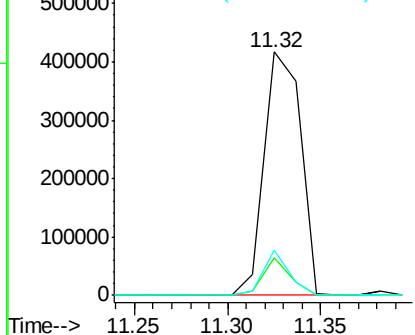
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

Instrument :
BNA_F
ClientSampled :
PB91573TB

Tgt Ion:188 Resp: 564325
Ion Ratio Lower Upper
188 100
94 15.7 7.8 11.8#
80 18.5 8.7 13.1#

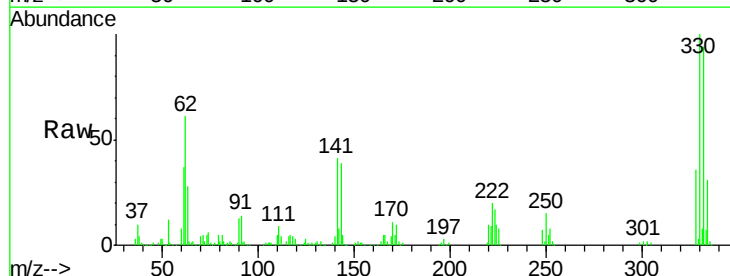


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

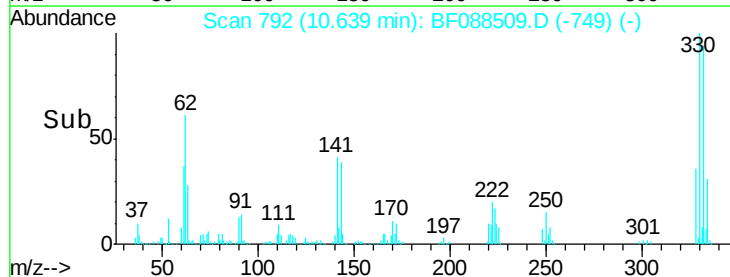
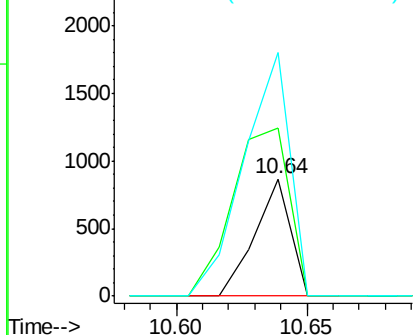


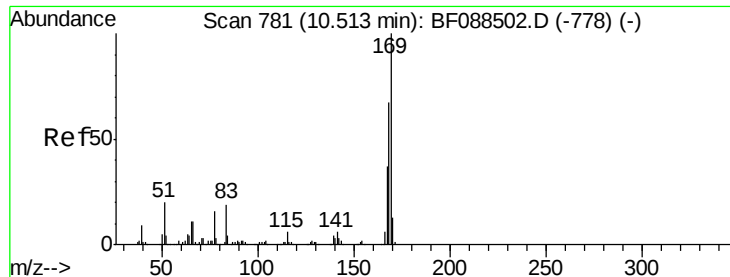
#64
4,6-Dinitro-2-methylphenol
Concen: 3.77 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.20 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

Tgt Ion:198 Resp: 833
Ion Ratio Lower Upper
198 100
51 142.6 42.4 82.4#
105 207.2 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





#65

n-Nitrosodiphenylamine

Concen: 0.53 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.13 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Instrument :

BNA_F

ClientSampleId :

PB91573TB

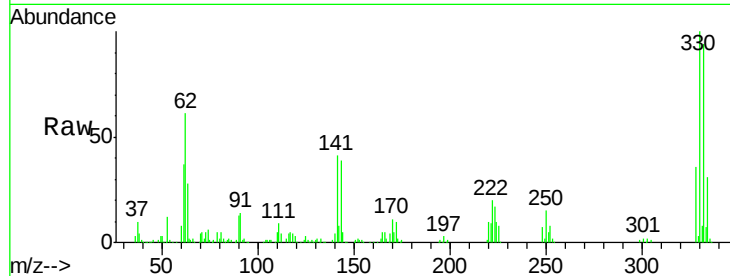
Tgt Ion:169 Resp: 10618

Ion Ratio Lower Upper

169 100

168 7.5 53.3 79.9#

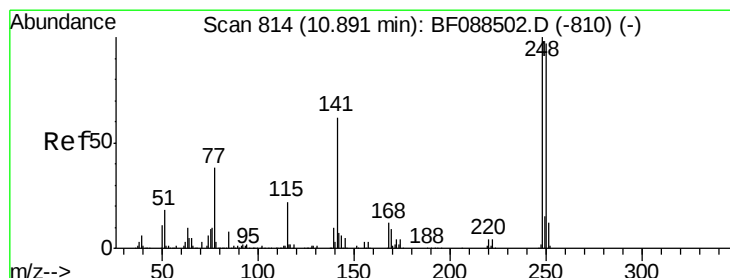
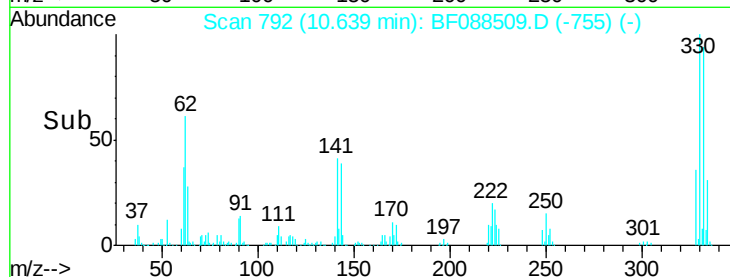
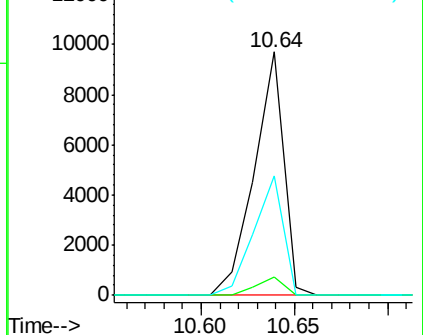
167 49.2 29.7 44.5#



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: 3.08 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.25 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

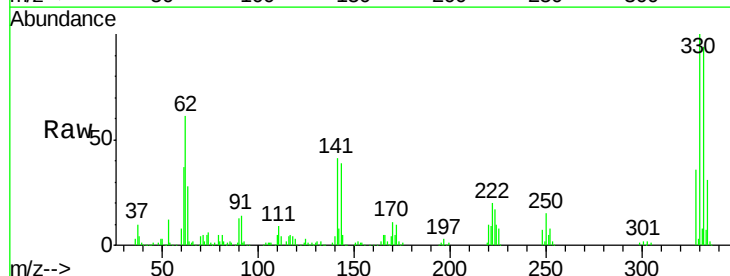
Tgt Ion:248 Resp: 18778

Ion Ratio Lower Upper

248 100

250 200.7 77.7 116.5#

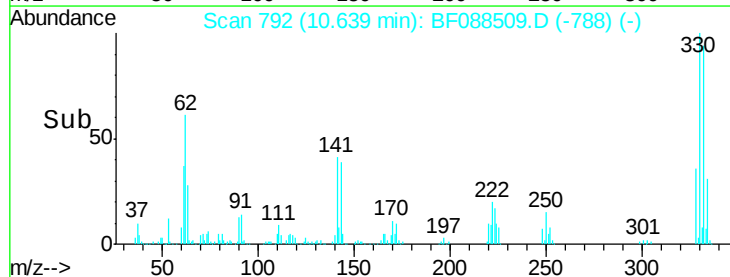
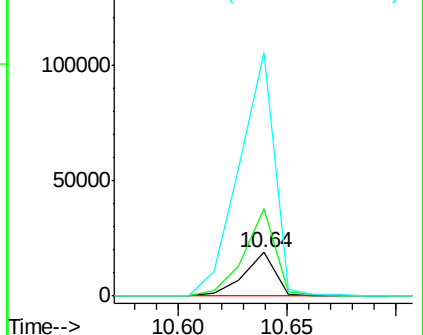
141 559.5 49.2 73.8#

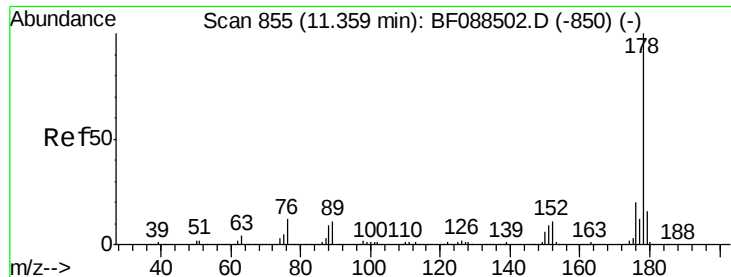


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

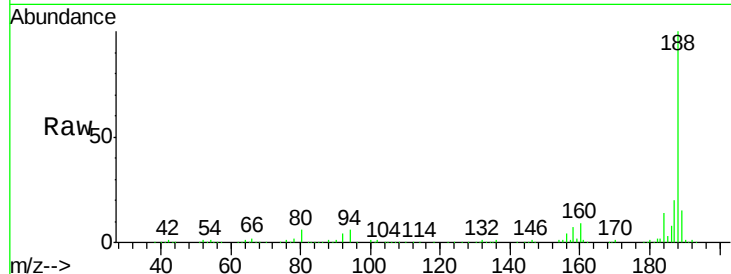




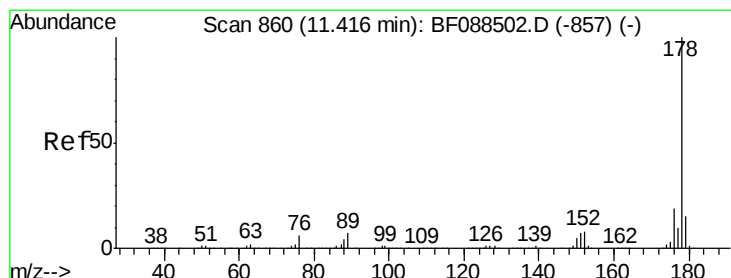
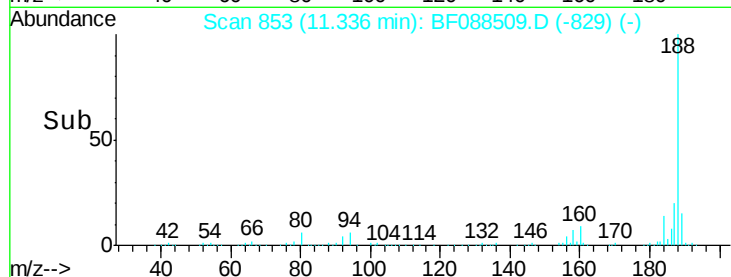
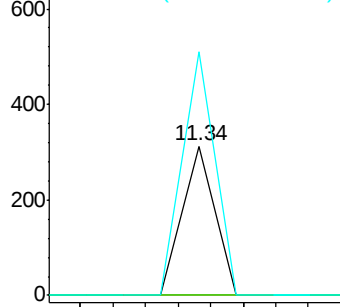
#70
Phenanthrene
Concen: Below Cal
RT: 11.34 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

Instrument :
BNA_F
ClientSampleId :
PB91573TB

Tgt Ion:178 Resp: 214
Ion Ratio Lower Upper
178 100
176 0.0 16.1 24.1#
179 163.5 12.8 19.2#

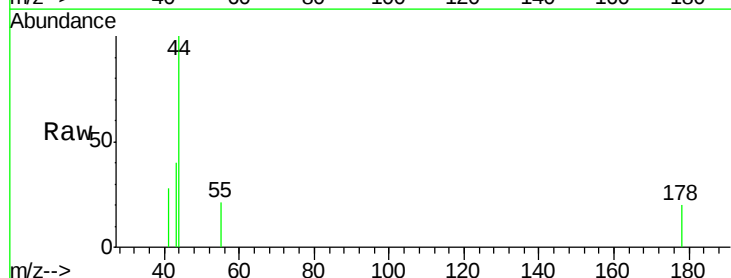


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

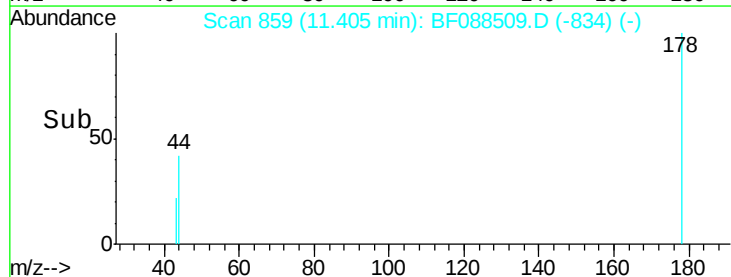
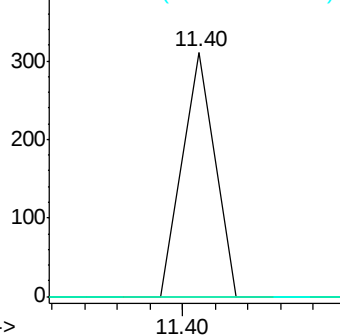


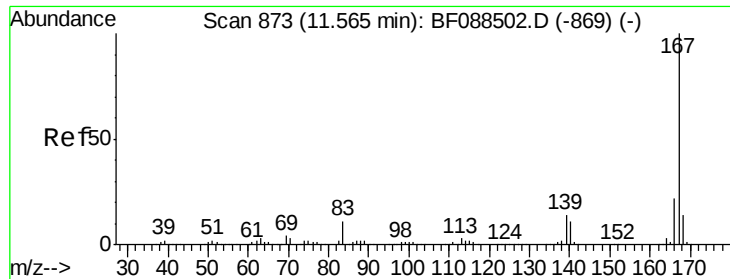
#71
Anthracene
Concen: Below Cal
RT: 11.40 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

Tgt Ion:178 Resp: 213
Ion Ratio Lower Upper
178 100
176 0.0 15.2 22.8#
179 0.0 12.3 18.5#



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





#72

Carbazole

Concen: 0.01 ng

RT: 11.55 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Instrument :

BNA_F

ClientSampleId :

PB91573TB

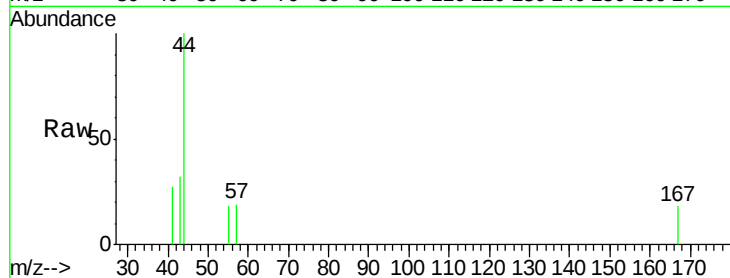
Tgt Ion:167 Resp: 213

Ion Ratio Lower Upper

167 100

166 0.0 17.8 26.8#

139 0.0 11.2 16.8#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.55

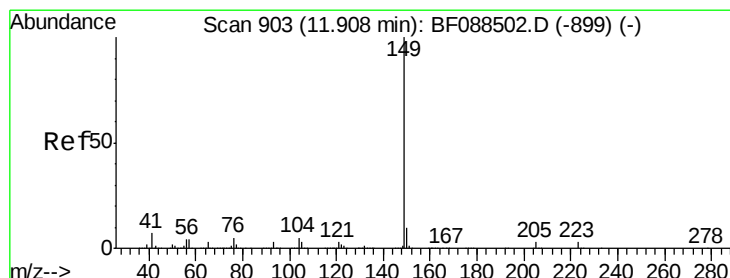
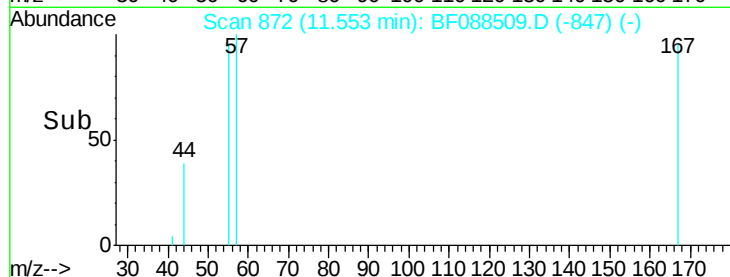
300

200

100

0

Time-->



#73

Di-n-butylphthalate

Concen: 0.03 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

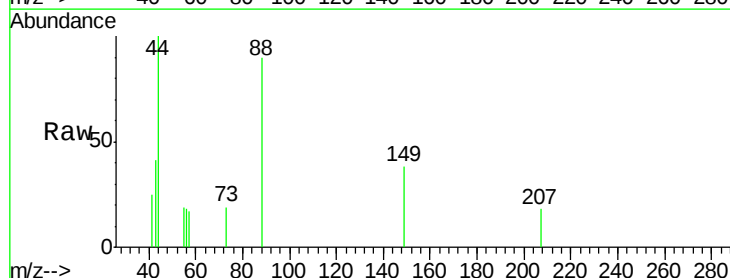
Tgt Ion:149 Resp: 1083

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

11.90

800

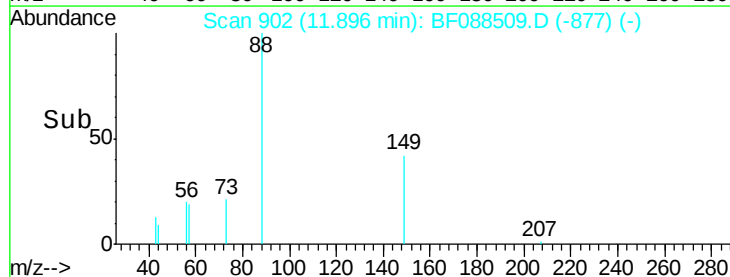
600

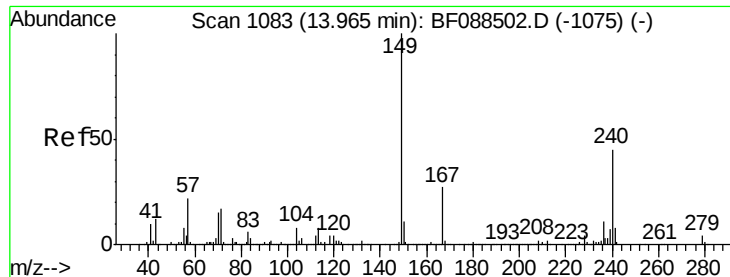
400

200

0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Instrument :

BNA_F

ClientSampled :

PB91573TB

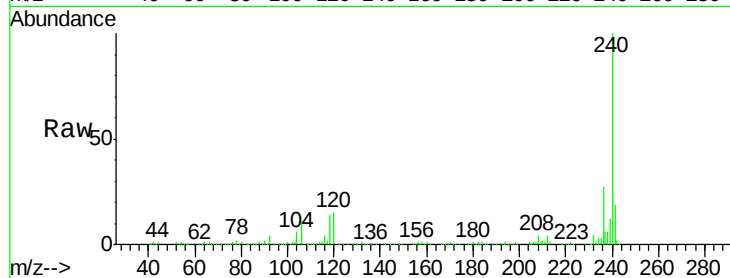
Tgt Ion:240 Resp: 361893

Ion Ratio Lower Upper

240 100

120 15.4 7.1 10.7#

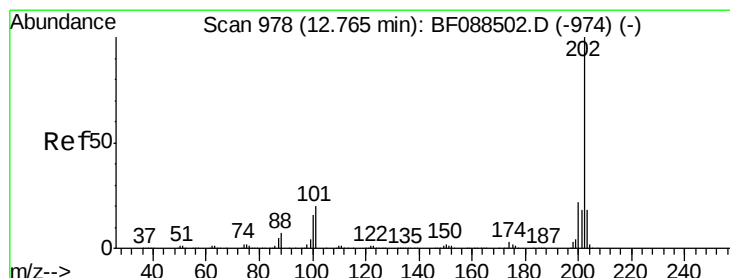
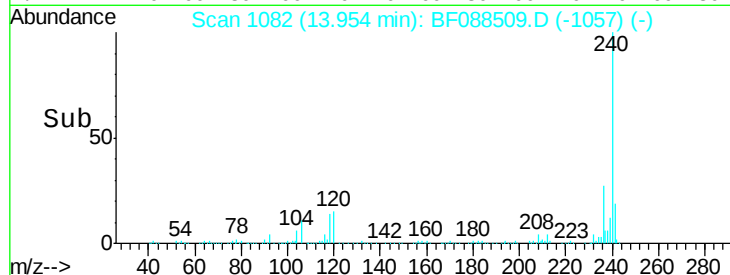
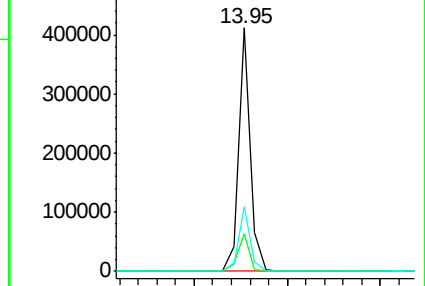
236 26.6 20.3 30.5



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: 0.14 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.15 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

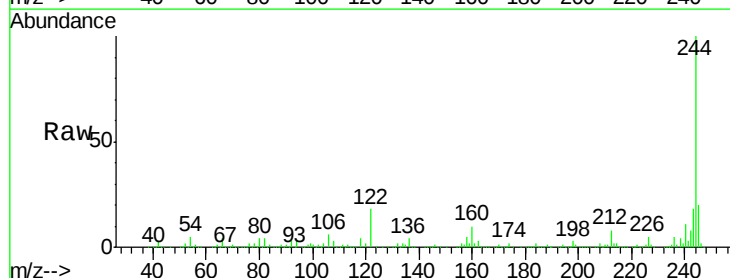
Tgt Ion:202 Resp: 4294

Ion Ratio Lower Upper

202 100

200 50.1 17.5 26.3#

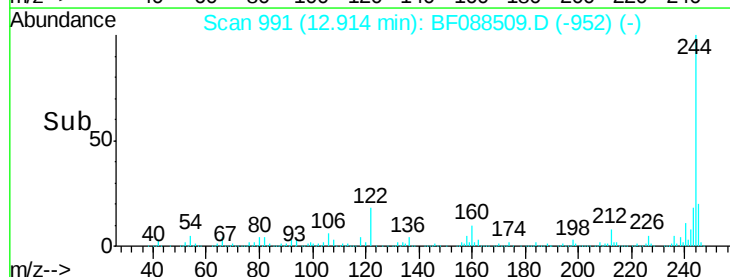
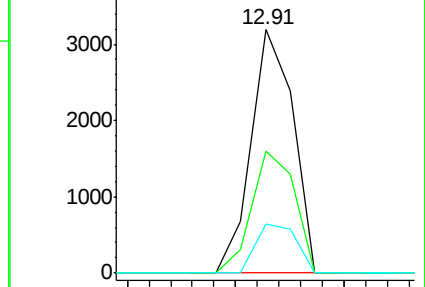
203 20.1 14.7 22.1

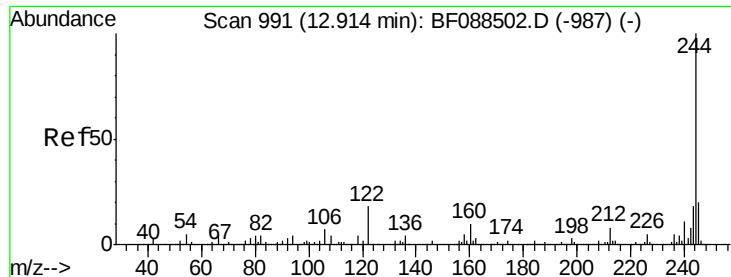


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

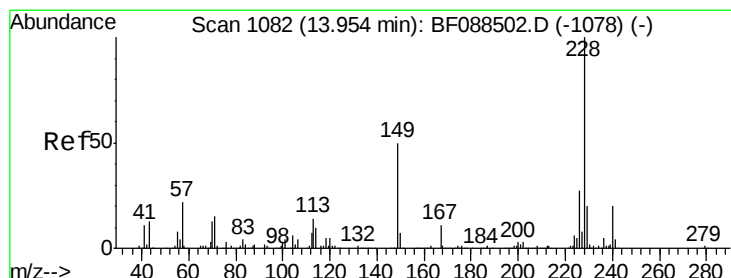
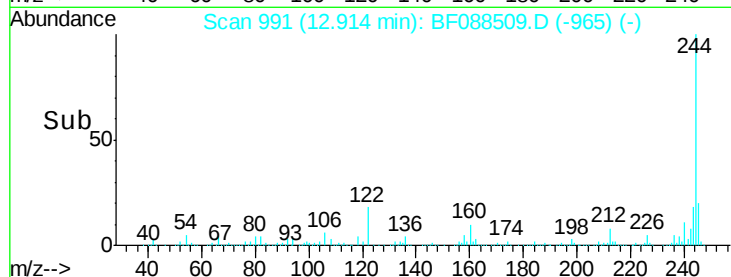
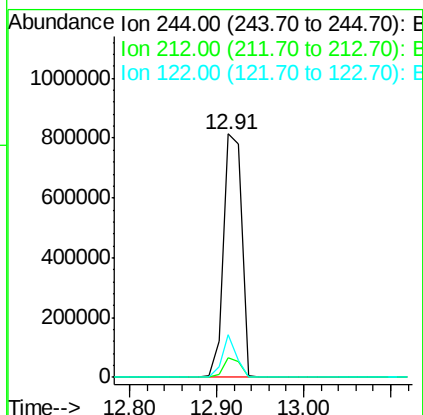
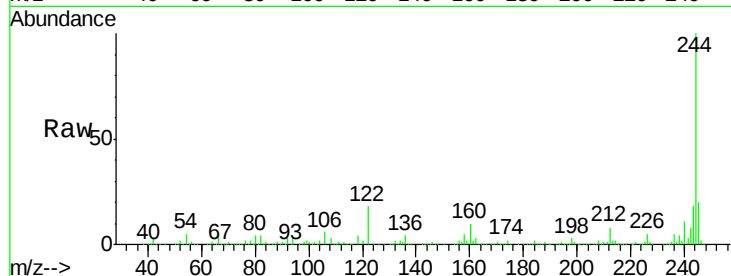




#78
 Terphenyl-d14
 Concen: 63.85 ng
 RT: 12.91 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF088509.D
 Acq: 29 Jun 2016 23:28

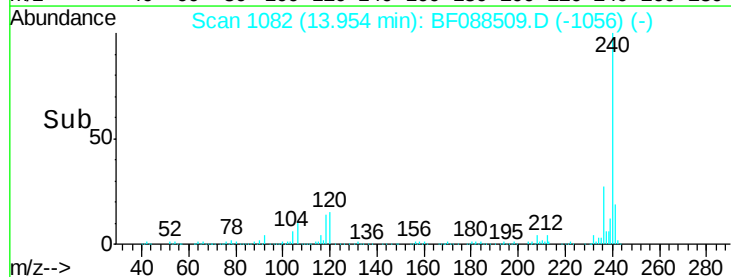
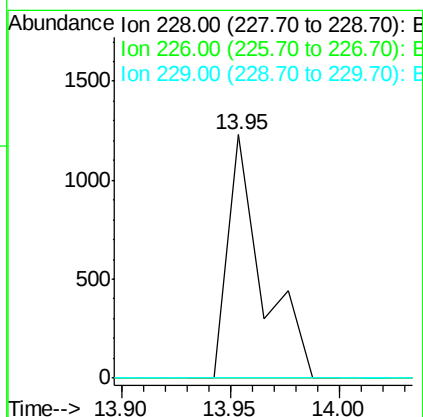
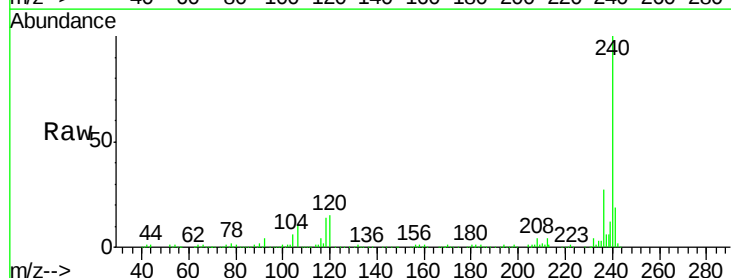
Instrument :
 BNA_F
 ClientSampled :
 PB91573TB

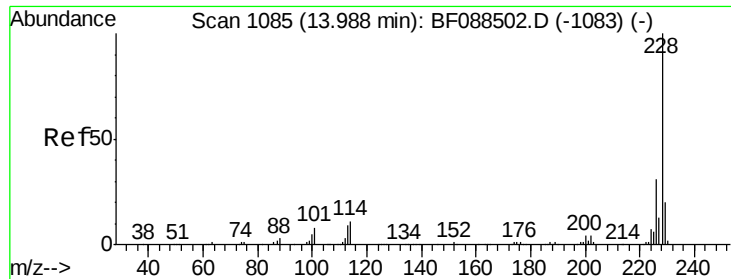
Tgt Ion:244 Resp: 1186989
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 17.6 14.8 22.2



#80
 Benzo(a)anthracene
 Concen: 0.06 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BF088509.D
 Acq: 29 Jun 2016 23:28

Tgt Ion:228 Resp: 1353
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.0 33.0#
 229 0.0 15.8 23.6#





#82

Chrysene

Concen: 0.06 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Instrument :

BNA_F

ClientSampleId :

PB91573TB

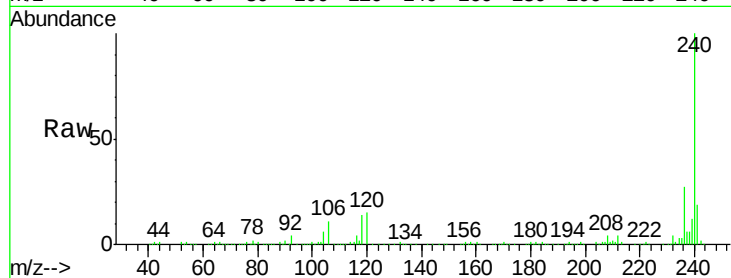
Tgt Ion:228 Resp: 1353

Ion Ratio Lower Upper

228 100

226 0.0 25.1 37.7#

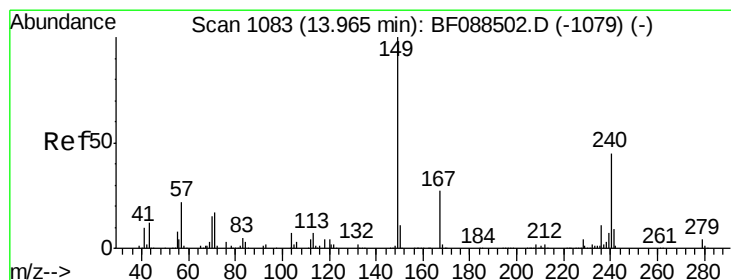
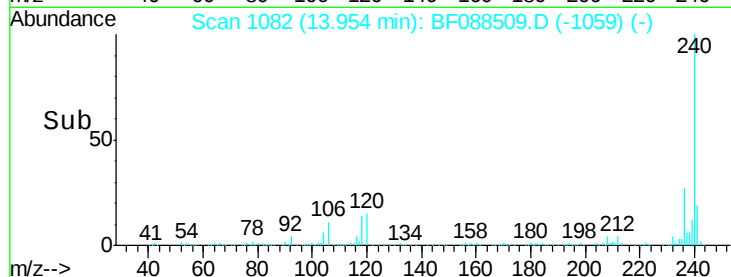
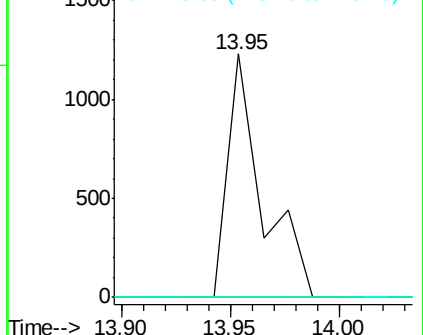
229 0.0 16.0 24.0#



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: 0.02 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

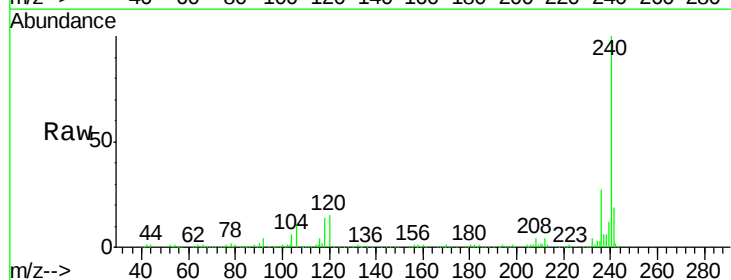
Tgt Ion:149 Resp: 302

Ion Ratio Lower Upper

149 100

167 90.7 21.3 31.9#

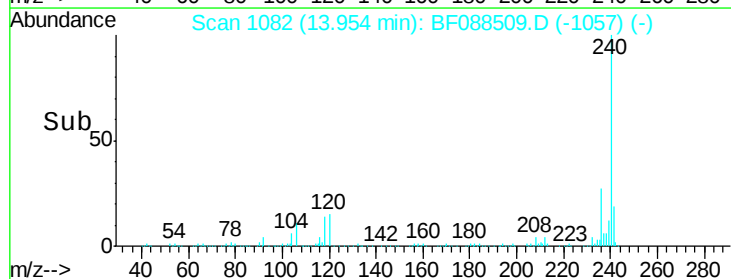
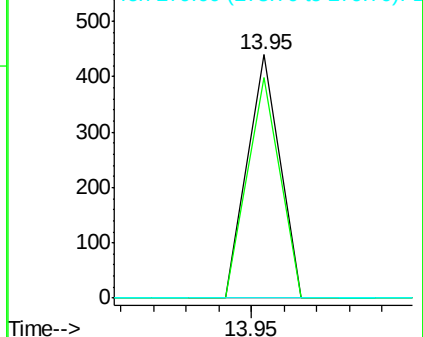
279 0.0 3.0 4.4#

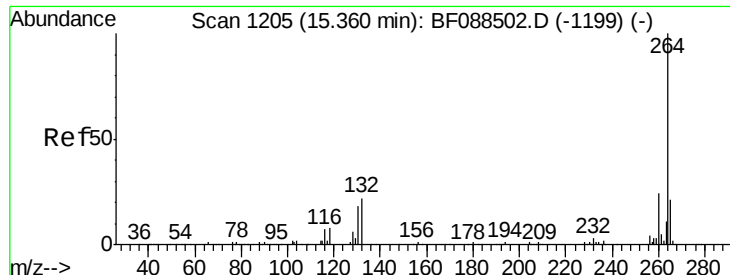


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

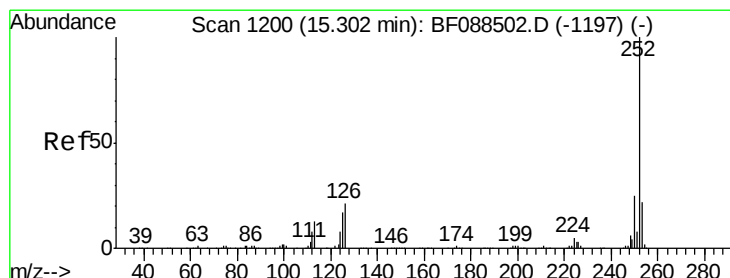
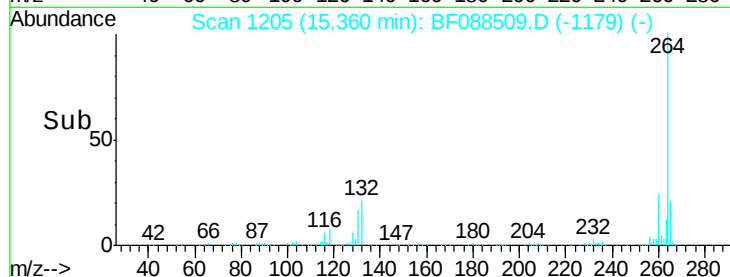
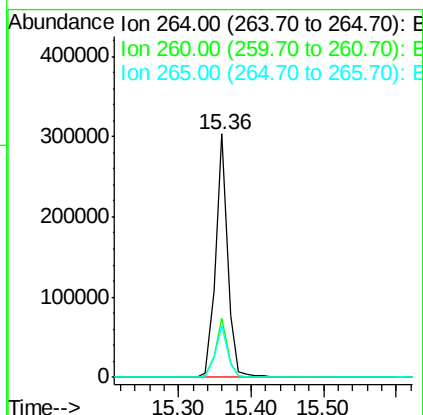
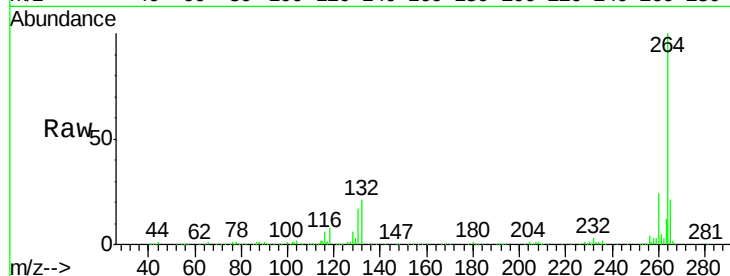




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

Instrument :
BNA_F
ClientSampleId :
PB91573TB

Tgt Ion: 264 Resp: 350726
Ion Ratio Lower Upper
264 100
260 24.4 19.3 28.9
265 21.2 17.1 25.7



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.06 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

Tgt Ion: 252 Resp: 898
Ion Ratio Lower Upper
252 100
253 34.9 17.5 26.3#
125 0.0 13.4 20.0#

