

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082592.D
 Acq On : 31 Oct 2015 1:02
 Operator : UM/IZ
 Sample : PB86309BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BL

Quant Time: Oct 31 03:16:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	184073	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	751012	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	372704	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	674460	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	537326	20.00	ng	-0.01
86) Perylene-d12	15.52	264	421311	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1323718	108.31	ng	0.01
7) Phenol-d6	6.53	99	1918160	118.14	ng	0.00
23) Nitrobenzene-d5	7.46	82	1191301	64.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	511244	125.34	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2101498	80.06	ng	0.00
78) Terphenyl-d14	13.02	244	1880932	76.61	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	218	0.04	ng	# 1
6) Aniline	6.67	93	1998	0.09	ng	# 1
8) 2-Chlorophenol	6.67	128	614	0.05	ng	# 1
9) Benzaldehyde	6.67	77	44031	3.97	ng	83
10) Phenol	6.53	94	242	0.01	ng	# 1
11) bis(2-Chloroethyl)ether	6.67	93	1998	0.15	ng	# 1
12) 1,3-Dichlorobenzene	7.06	146	270	0.02	ng	# 1
13) 1,4-Dichlorobenzene	7.06	146	270	0.02	ng	# 1
14) 1,2-Dichlorobenzene	7.06	146	270	0.02	ng	# 1
15) Benzyl Alcohol	7.06	79	23416	1.55	ng	# 58
19) n-Nitroso-di-n-propylamine	7.46	70	169549	13.78	ng	# 74
24) Nitrobenzene	7.46	77	3699	0.20	ng	# 38
31) Naphthalene	8.30	128	1387	0.03	ng	# 1
33) 4-Chloroaniline	8.30	127	285	0.02	ng	# 1
45) 1,1'-Biphenyl	9.28	154	4077	0.13	ng	# 1
47) 2-Nitroaniline	9.26	65	4420	0.46	ng	# 8
50) 2,6-Dinitrotoluene	9.95	165	48272	7.65	ng	# 18
51) Acenaphthene	9.95	154	1357	0.05	ng	# 4
56) 2,4-Dinitrotoluene	9.95	165	48275	5.66	ng	# 16
57) Fluorene	10.73	166	16757	0.61	ng	# 89
59) Diethylphthalate	10.36	149	1600	0.05	ng	# 76
62) Azobenzene	10.73	77	2767	0.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.74	198	1450	0.36	ng	# 45
65) n-Nitrosodiphenylamine	10.73	169	18370	0.79	ng	# 50
66) 4-Bromophenyl-phenylether	10.74	248	33798	4.42	ng	# 1
70) Phenanthrene	11.44	178	269	0.01	ng	# 1
71) Anthracene	11.44	178	269	0.01	ng	# 1
73) Di-n-butylphthalate	12.00	149	1659	0.04	ng	# 76
77) Pyrene	13.02	202	7132	0.18	ng	# 80
79) Butylbenzylphthalate	13.56	149	520	0.03	ng	# 58
80) Benzo(a)anthracene	14.07	228	1361	0.04	ng	# 63
82) Chrysene	14.07	228	1361	0.04	ng	# 60
84) Di-n-octyl phthalate	14.55	149	238	0.01	ng	# 71
89) Benzo(a)pyrene	15.52	252	1057	0.05	ng	# 60

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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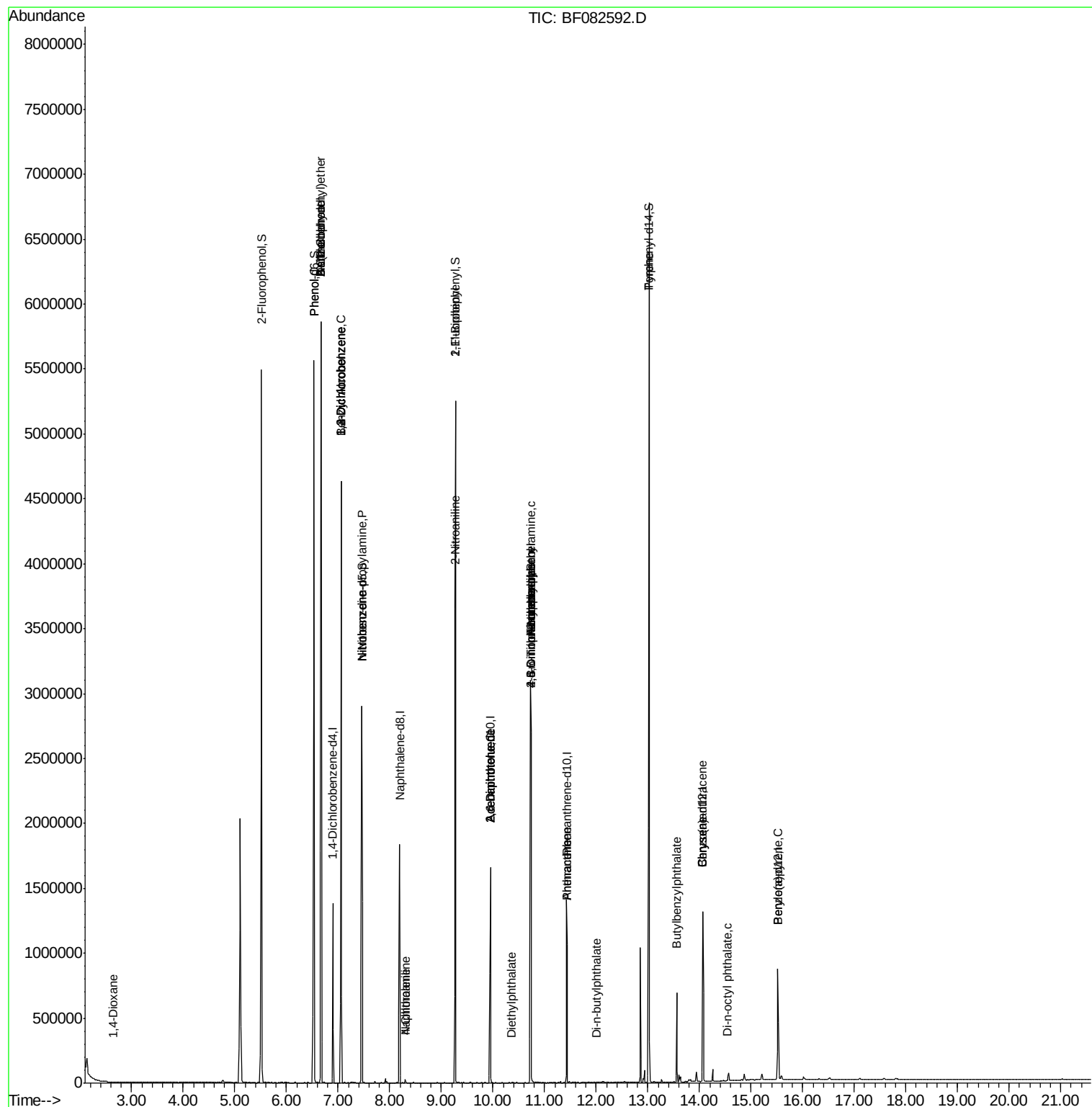
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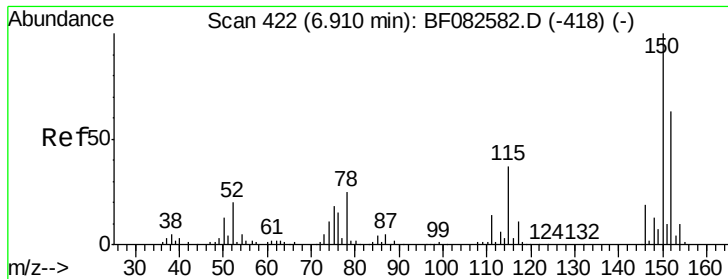
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Instrument :

BNA_F

ClientSampleId :

PB86309BL

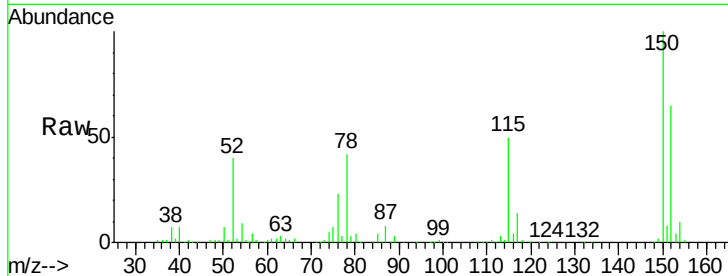
Tgt Ion: 152 Resp: 184073

Ion Ratio Lower Upper

152 100

150 152.9 127.0 190.4

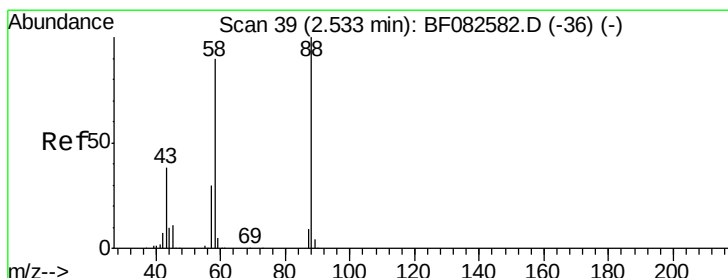
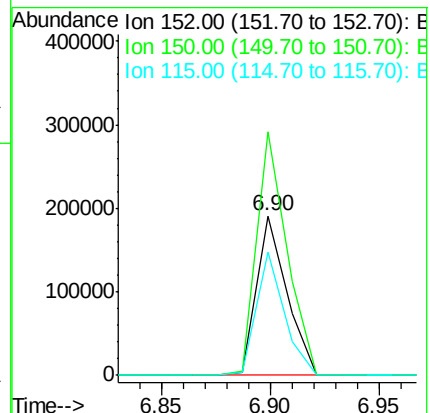
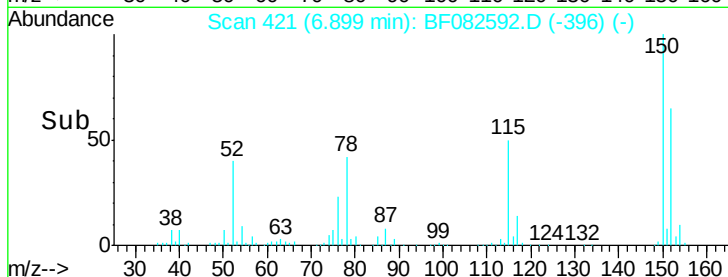
115 77.1 47.0 70.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.04 ng

RT: 2.65 min Scan# 49

Delta R.T. 0.11 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

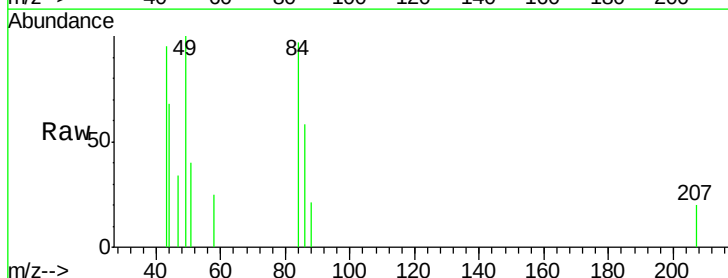
Tgt Ion: 88 Resp: 218

Ion Ratio Lower Upper

88 100

58 606.0 62.0 93.0#

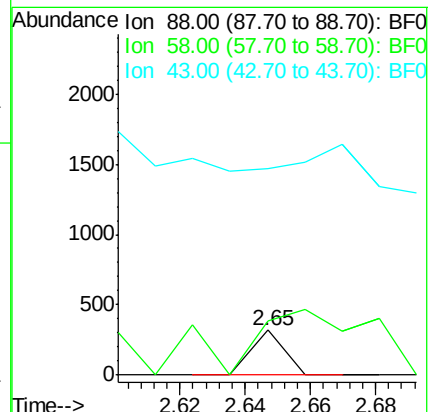
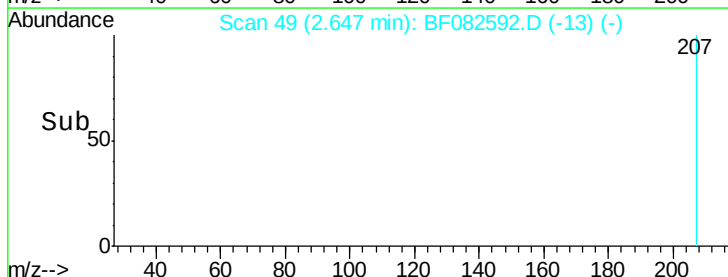
43 0.0 26.6 40.0#

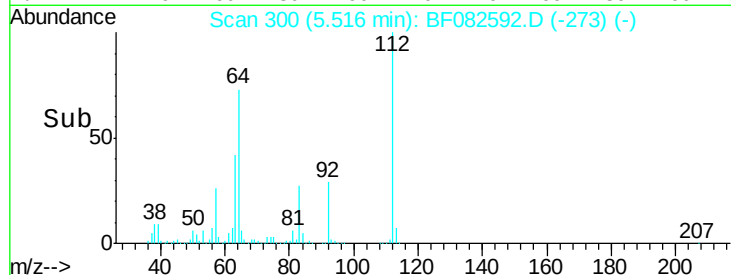
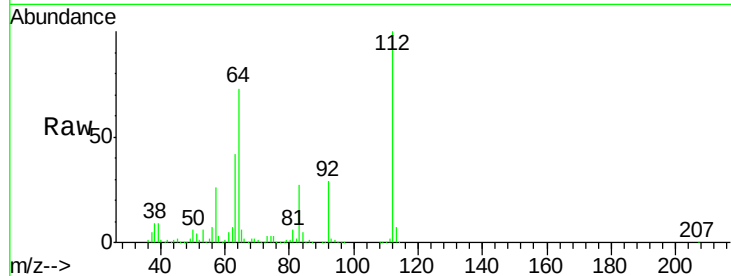
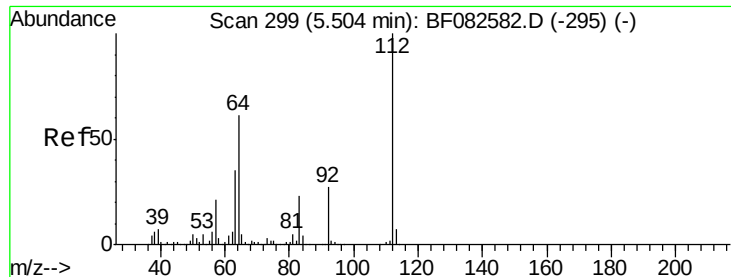


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 108.31 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Instrument :

BNA_F

ClientSampleId :

PB86309BL

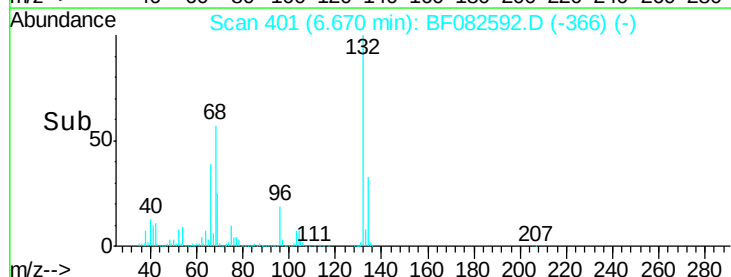
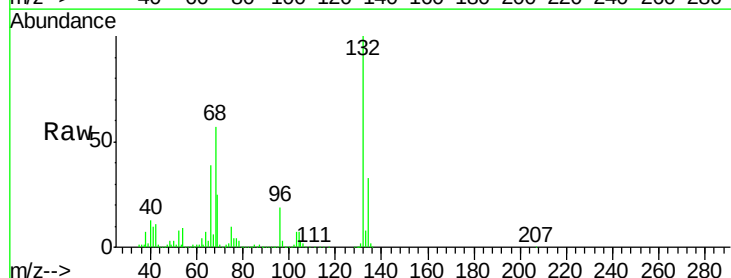
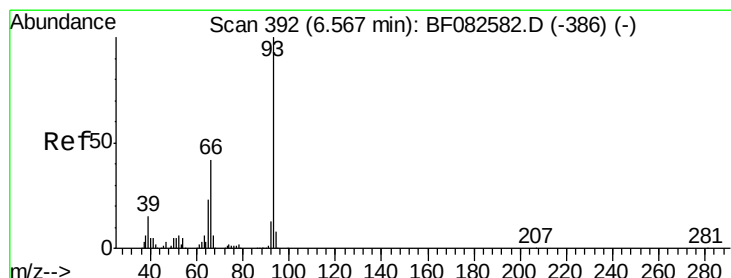
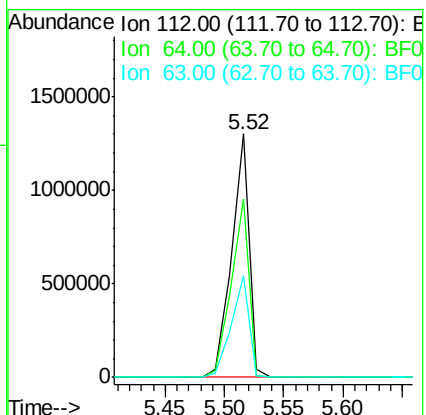
Tgt Ion:112 Resp: 1323718

Ion Ratio Lower Upper

112 100

64 73.0 48.9 73.3

63 41.6 28.1 42.1



#6

Aniline

Concen: 0.09 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.10 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

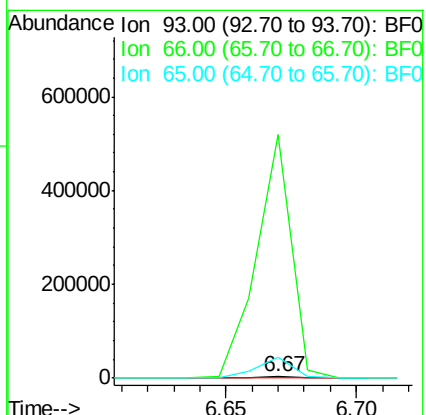
Tgt Ion: 93 Resp: 1998

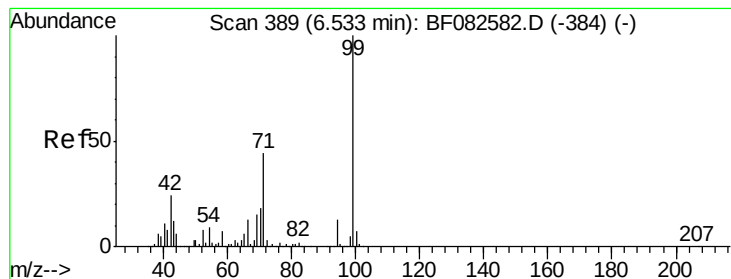
Ion Ratio Lower Upper

93 100

66 22368.3 33.6 50.4#

65 1942.6 18.1 27.1#





#7

Phenol-d6

Concen: 118.14 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Instrument :

BNA_F

ClientSampleId :

PB86309BL

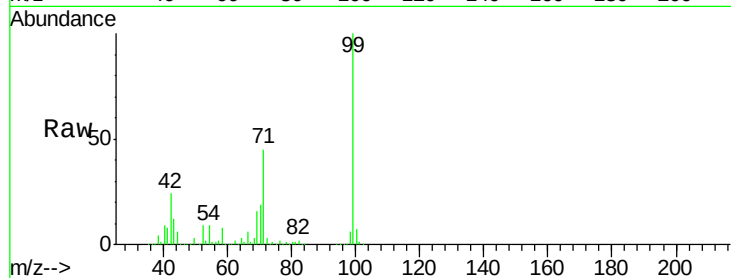
Tgt Ion: 99 Resp: 1918160

Ion Ratio Lower Upper

99 100

42 24.3 19.2 28.8

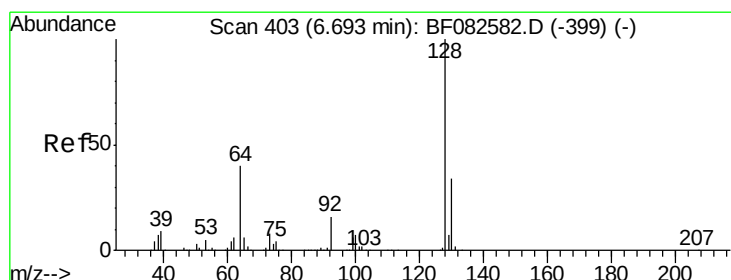
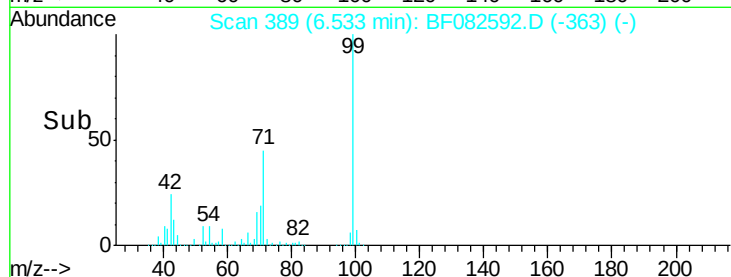
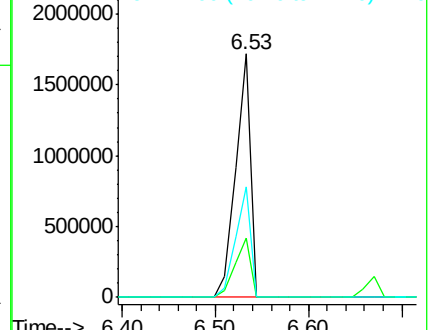
71 45.4 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 0.05 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

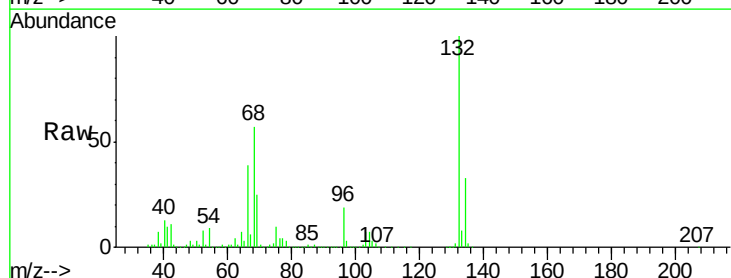
Tgt Ion: 128 Resp: 614

Ion Ratio Lower Upper

128 100

130 478.8 13.5 53.5#

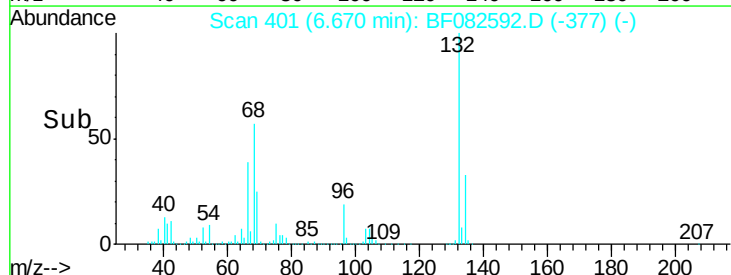
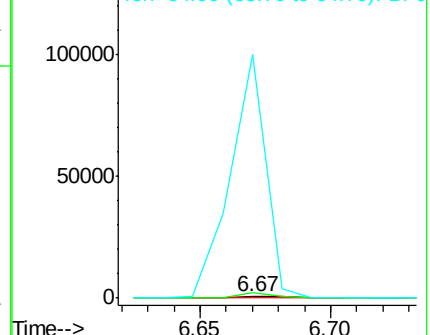
64 22278.6 21.1 61.1#

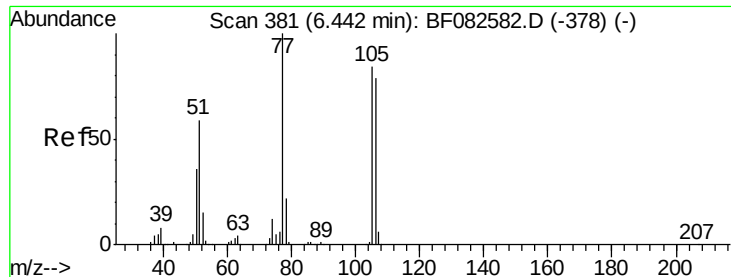


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.97 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.23 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Instrument :

BNA_F

ClientSampleId :

PB86309BL

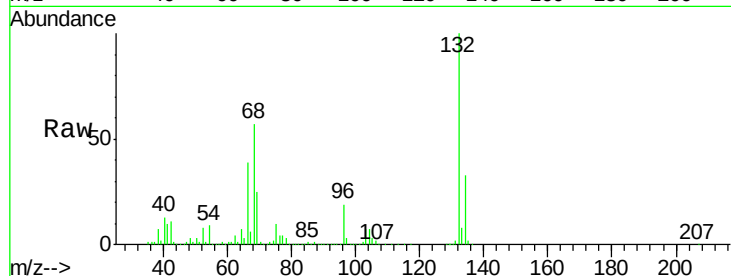
Tgt Ion: 77 Resp: 44031

Ion Ratio Lower Upper

77 100

105 70.3 63.5 103.5

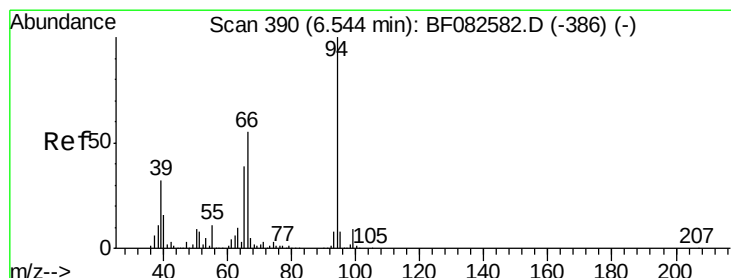
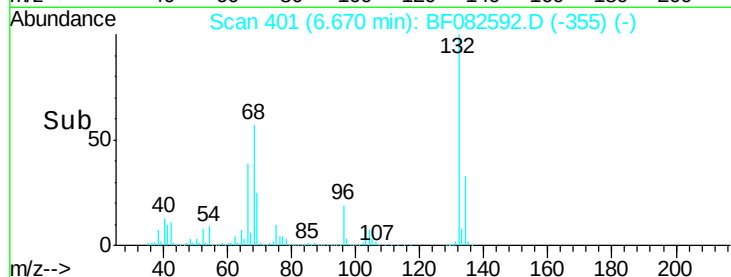
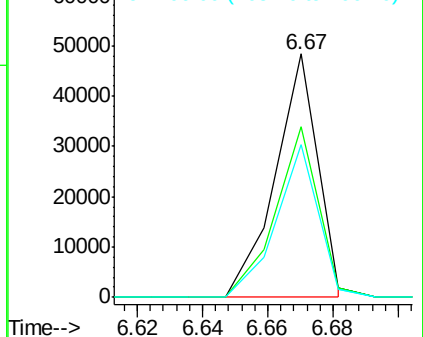
106 62.9 59.3 99.3



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: 0.01 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

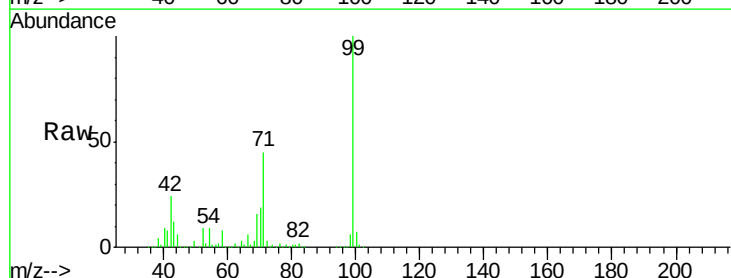
Tgt Ion: 94 Resp: 242

Ion Ratio Lower Upper

94 100

65 5269.1 18.9 58.9#

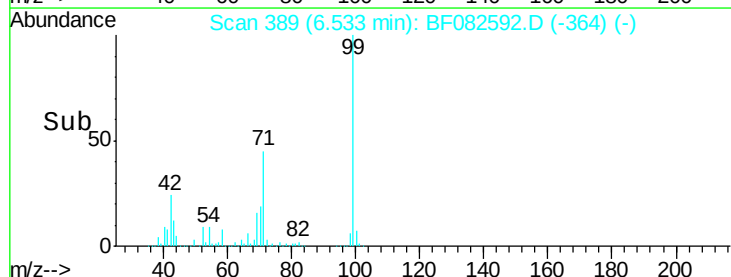
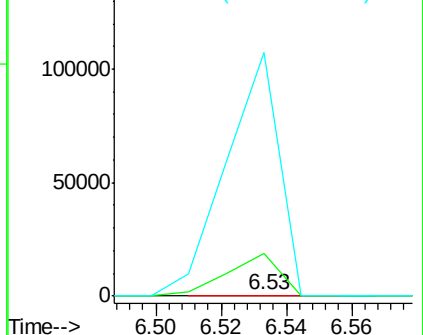
66 30390.9 34.9 74.9#

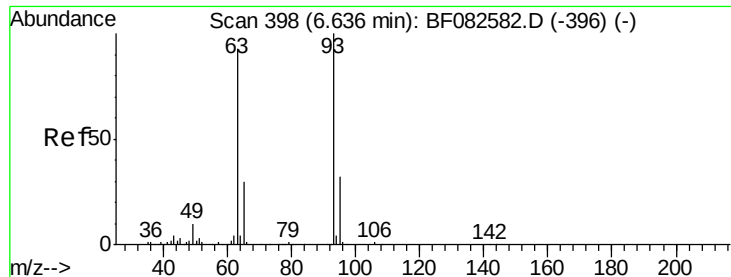


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 6.67 min Scan# 401

Delta R.T. 0.03 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Instrument :

BNA_F

ClientSampled :

PB86309BL

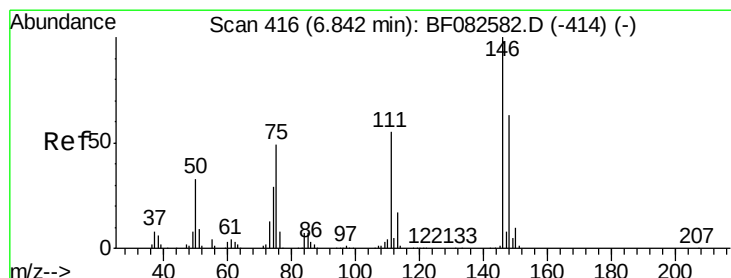
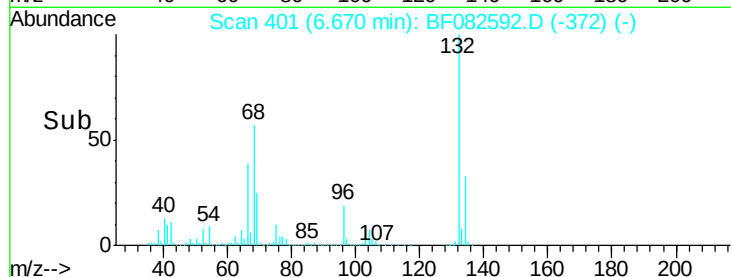
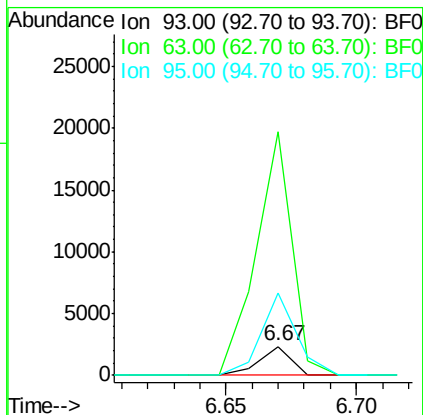
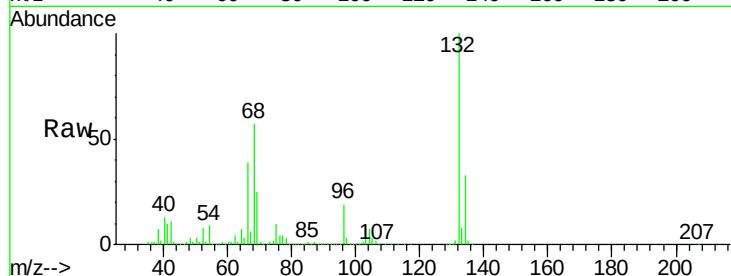
Tgt Ion: 93 Resp: 1998

Ion Ratio Lower Upper

93 100

63 848.9 72.7 112.7#

95 288.9 12.0 52.0#



#12

1,3-Dichlorobenzene

Concen: 0.02 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.22 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

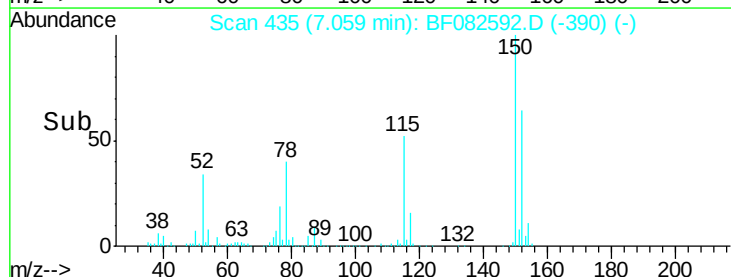
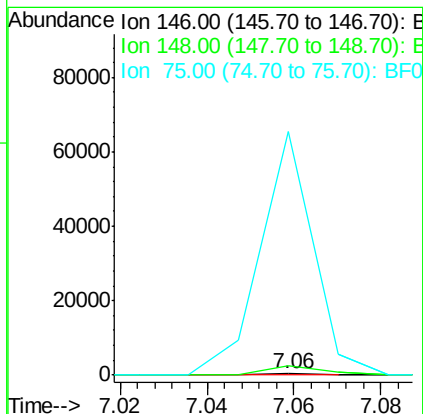
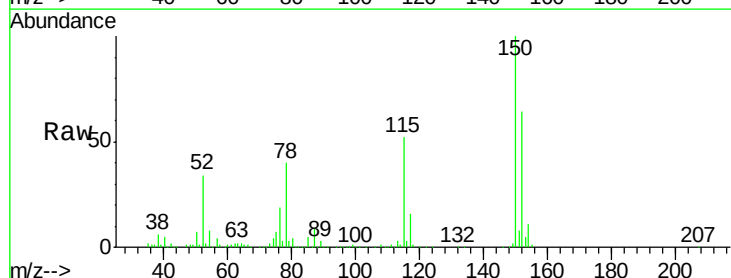
Tgt Ion: 146 Resp: 270

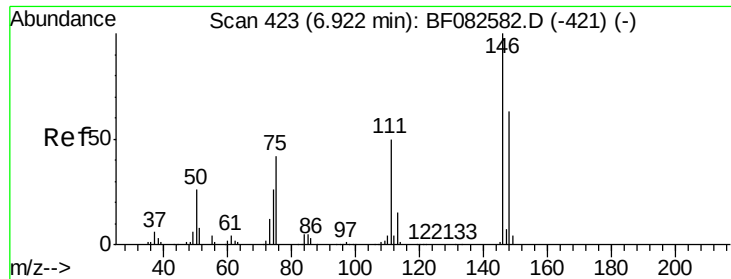
Ion Ratio Lower Upper

146 100

148 661.8 50.5 75.7#

75 16655.5 39.5 59.3#

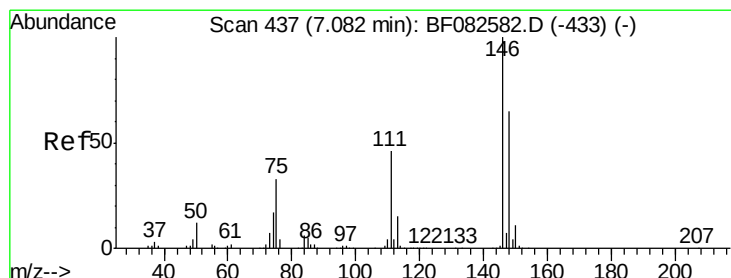
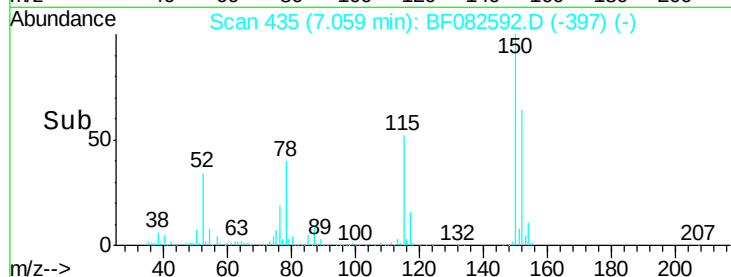
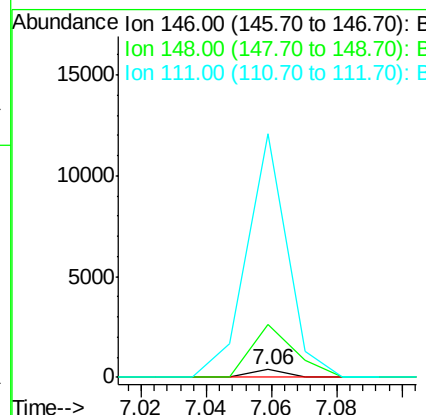
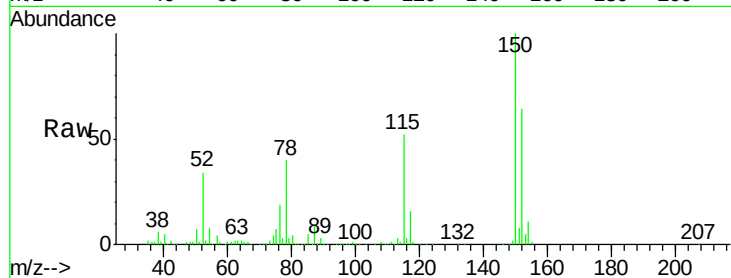




#13
 1,4-Dichlorobenzene
 Concen: 0.02 ng
 RT: 7.06 min Scan# 435
 Delta R.T. 0.14 min
 Lab File: BF082592.D
 Acq: 31 Oct 2015 1:02

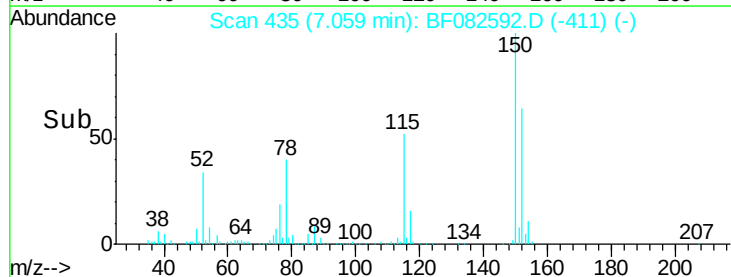
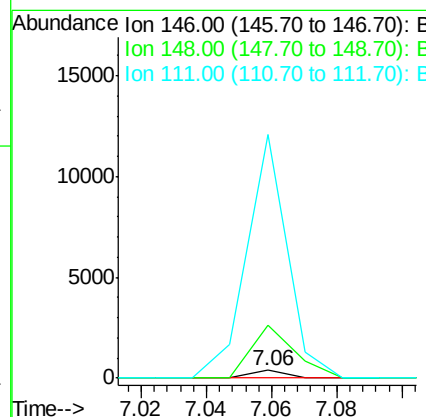
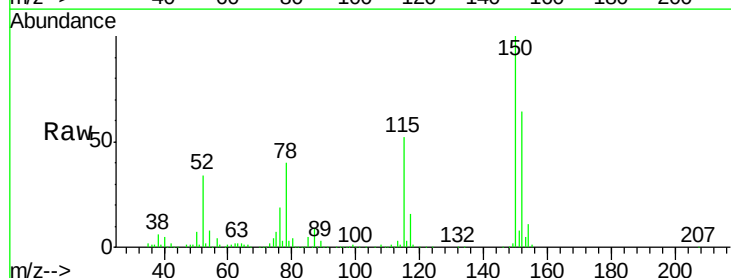
Instrument :
 BNA_F
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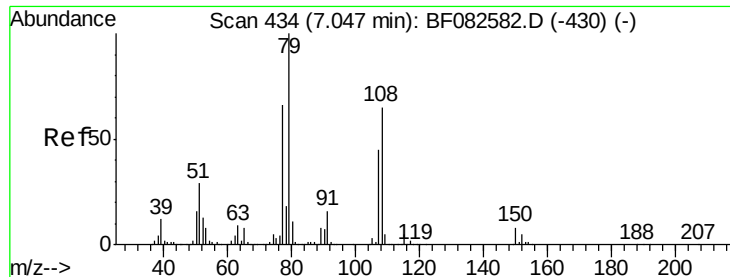
Tgt Ion:146 Resp: 270
 Ion Ratio Lower Upper
 146 100
 148 661.8 50.8 76.2#
 111 3072.5 40.6 60.8#



#14
 1,2-Dichlorobenzene
 Concen: 0.02 ng
 RT: 7.06 min Scan# 435
 Delta R.T. -0.02 min
 Lab File: BF082592.D
 Acq: 31 Oct 2015 1:02

Tgt Ion:146 Resp: 270
 Ion Ratio Lower Upper
 146 100
 148 661.8 52.2 78.4#
 111 3072.5 36.6 55.0#

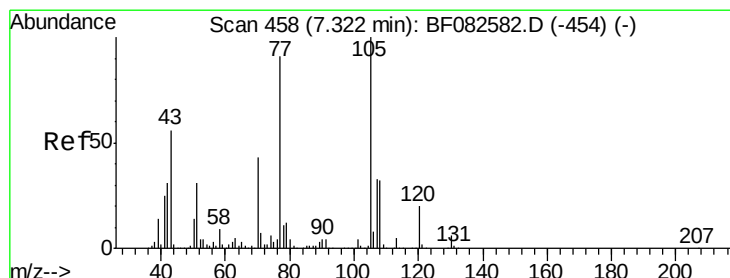
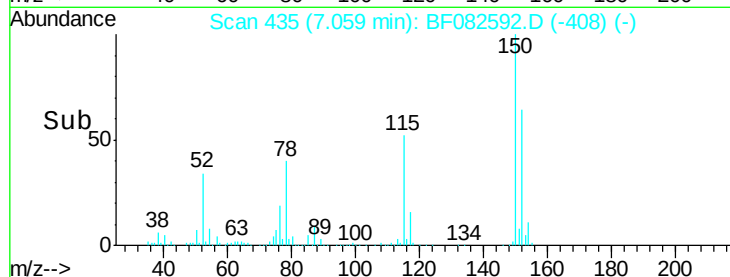
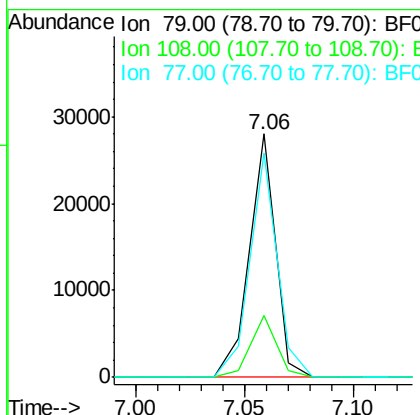
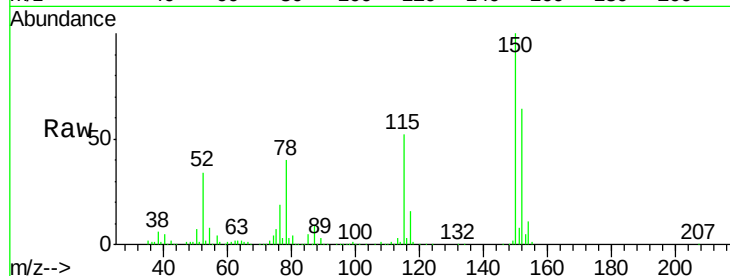




#15
Benzyl Alcohol
Concen: 1.55 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF082592.D
Acq: 31 Oct 2015 1:02

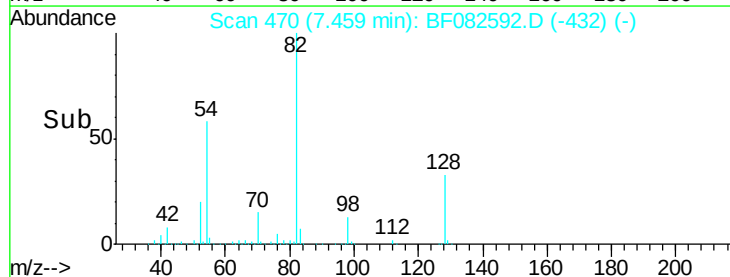
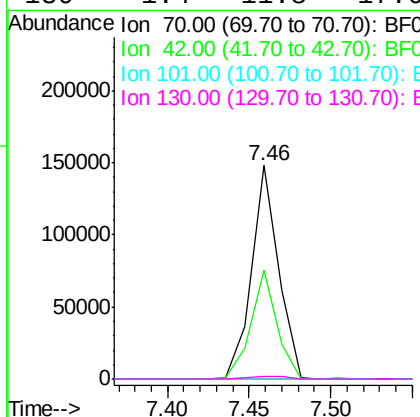
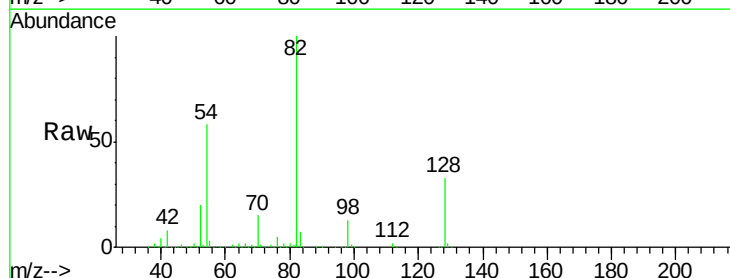
Instrument :
BNA_F
ClientSampleId :
PB86309BL

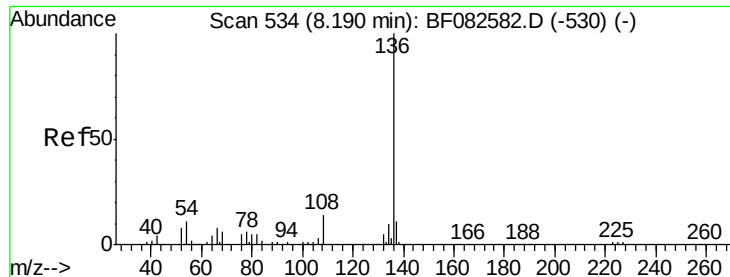
Tgt Ion: 79 Resp: 23416
Ion Ratio Lower Upper
79 100
108 25.7 52.2 78.4#
77 92.1 52.7 79.1#



#19
n-Nitroso-di-n-propylamine
Concen: 13.78 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF082592.D
Acq: 31 Oct 2015 1:02

Tgt Ion: 70 Resp: 169549
Ion Ratio Lower Upper
70 100
42 51.2 57.7 86.5#
101 0.0 7.0 10.6#
130 1.4 11.8 17.6#

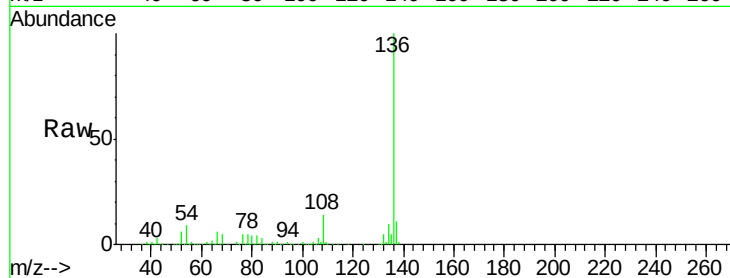




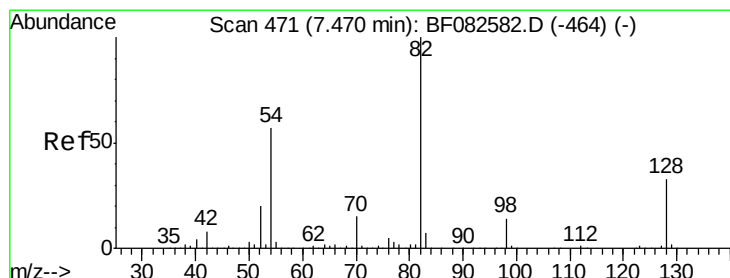
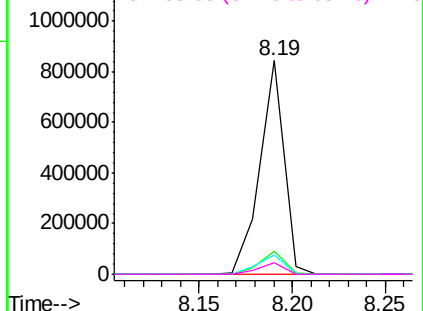
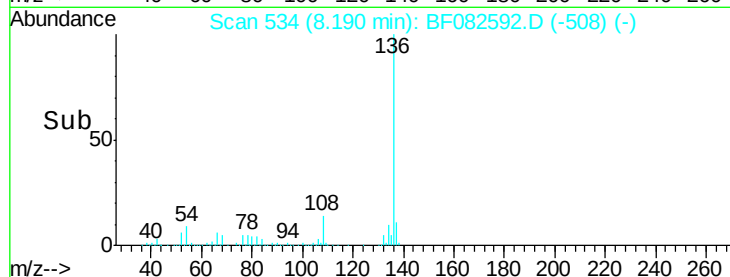
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082592.D
Acq: 31 Oct 2015 1:02

Instrument :
BNA_F
ClientSampleId :
PB86309BL

Tgt Ion:	136	Resp:	751012
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	8.8	9.1	13.7#
68	5.1	4.8	7.2

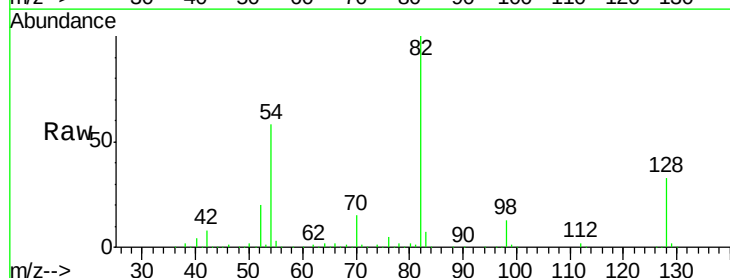


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

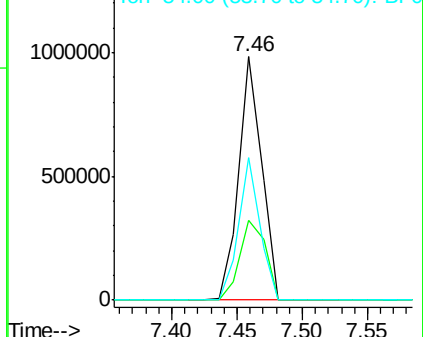
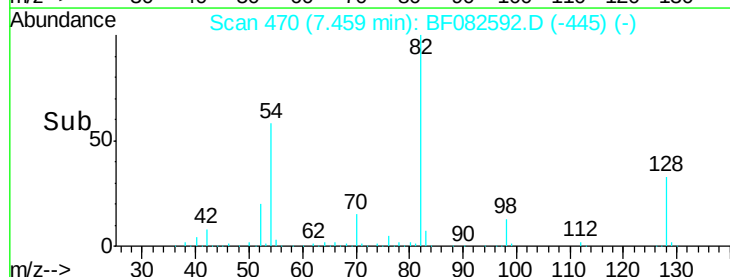


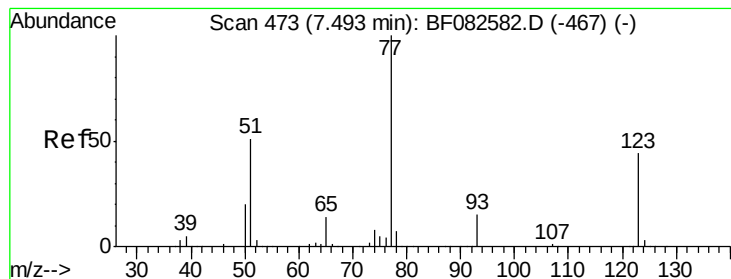
#23
Nitrobenzene-d5
Concen: 64.78 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF082592.D
Acq: 31 Oct 2015 1:02

Tgt Ion:	82	Resp:	1191301
Ion	Ratio	Lower	Upper
82	100		
128	32.5	26.8	40.2
54	58.3	45.7	68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.20 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

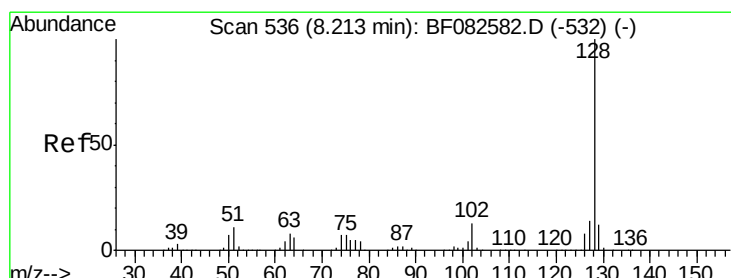
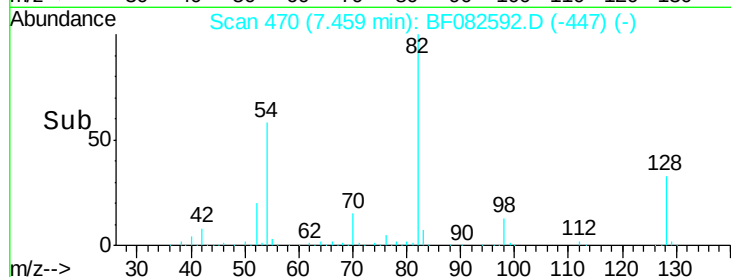
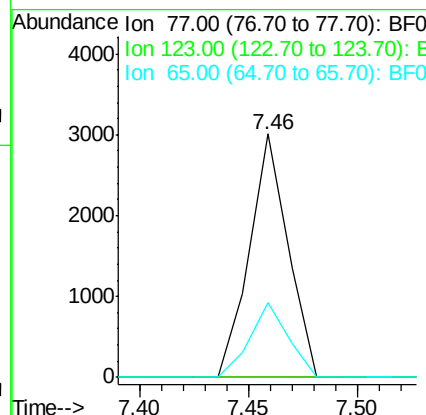
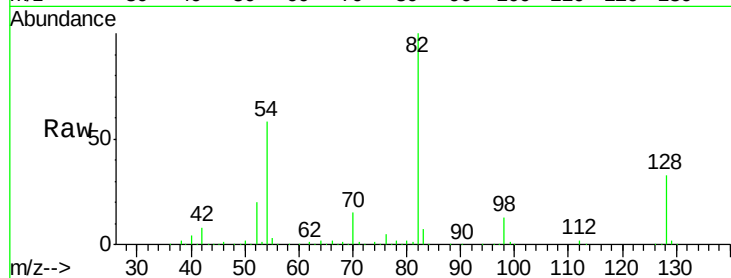
Instrument :

BNA_F

ClientSampleId :

PB86309BL

Tgt Ion:	77	Resp:	3699
Ion Ratio	Lower	Upper	
77	100		
123	0.0	36.4	54.6#
65	30.5	11.5	17.3#



#31

Naphthalene

Concen: 0.03 ng

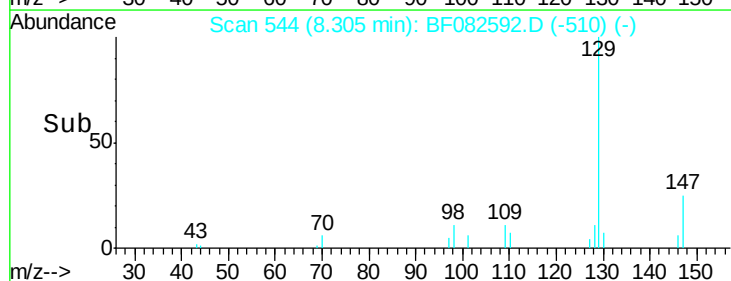
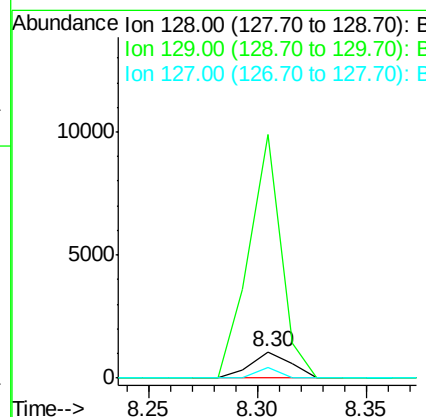
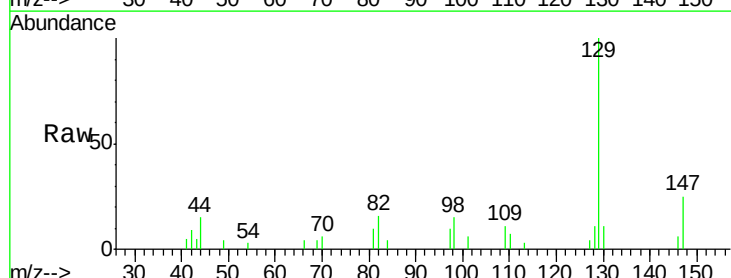
RT: 8.30 min Scan# 544

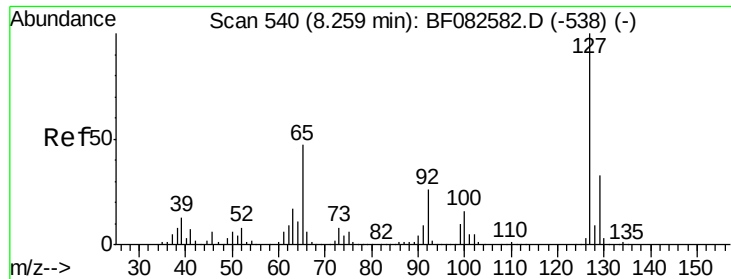
Delta R.T. 0.09 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Tgt Ion:	128	Resp:	1387
Ion Ratio	Lower	Upper	
128	100		
129	932.2	9.5	14.3#
127	39.1	11.4	17.0#

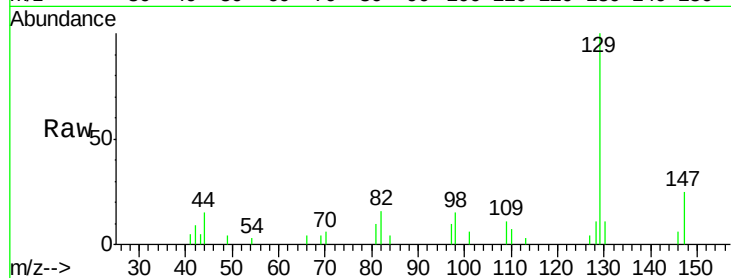




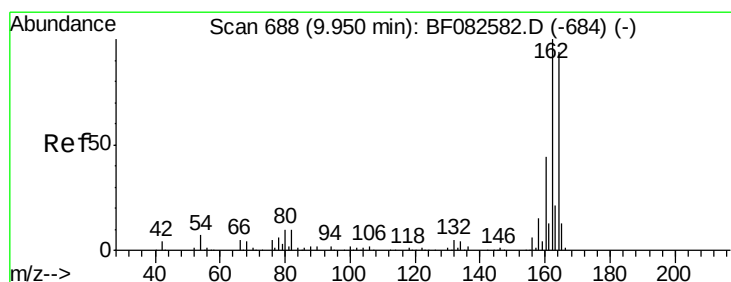
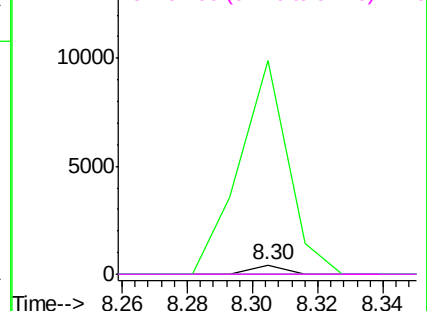
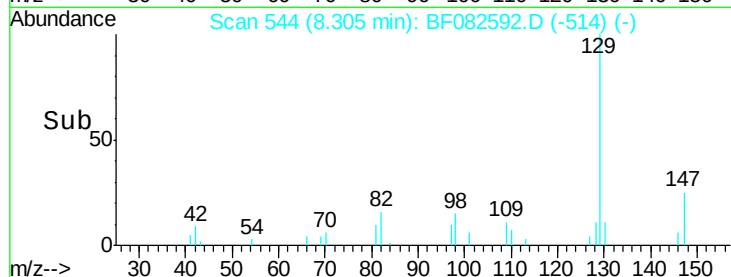
#33
4-Chloroaniline
Concen: 0.02 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.05 min
Lab File: BF082592.D
Acq: 31 Oct 2015 1:02

Instrument :
BNA_F
ClientSampleId :
PB86309BL

Tgt Ion:127 Resp: 285
Ion Ratio Lower Upper
127 100
129 2383.4 26.3 39.5#
65 0.0 37.8 56.8#
92 0.0 20.6 31.0#

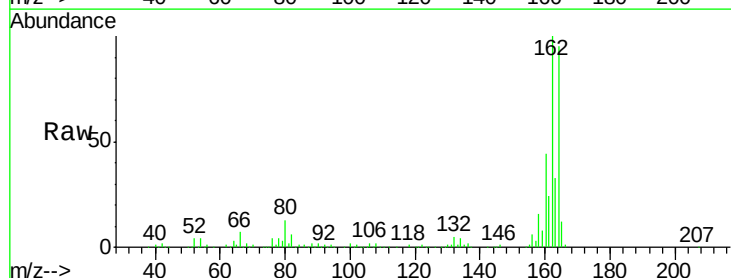


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

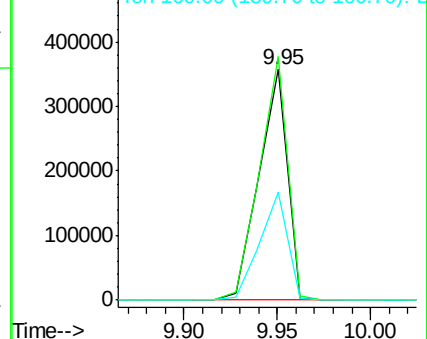
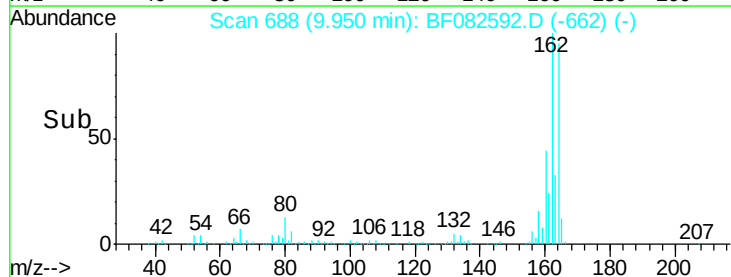


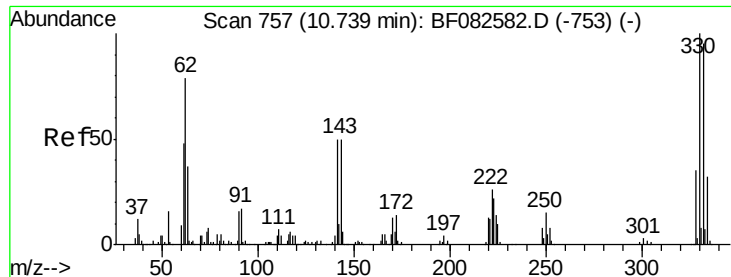
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082592.D
Acq: 31 Oct 2015 1:02

Tgt Ion:164 Resp: 372704
Ion Ratio Lower Upper
164 100
162 105.7 84.9 127.3
160 46.7 37.5 56.3



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

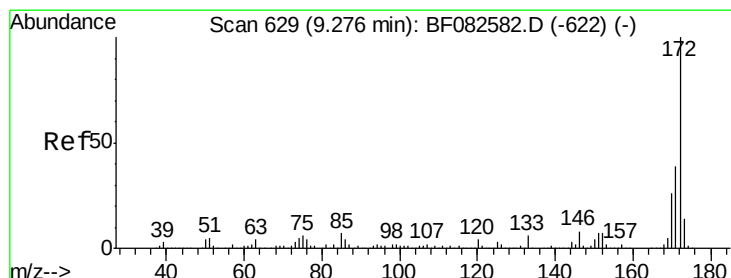
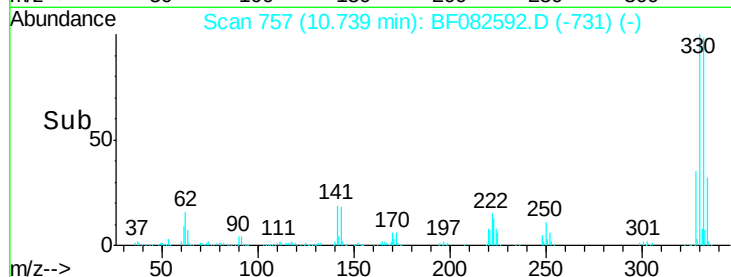
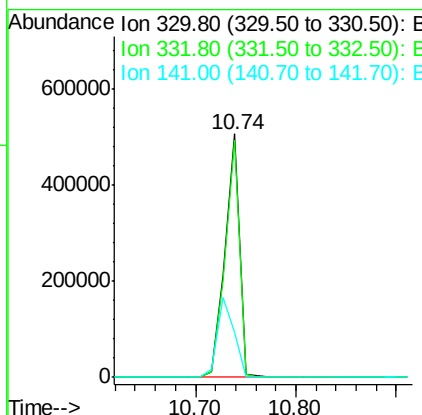
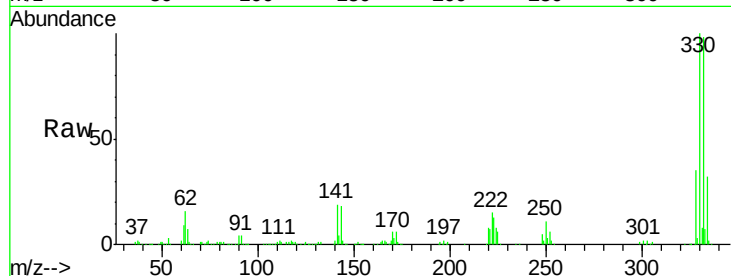




#41
 2,4,6-Tribromophenol
 Concen: 125.34 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082592.D
 Acq: 31 Oct 2015 1:02

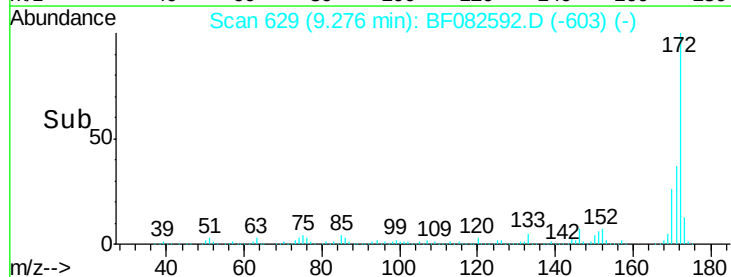
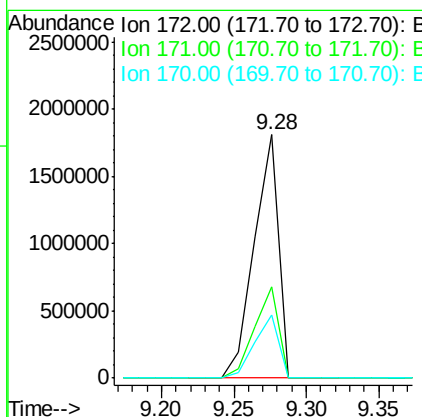
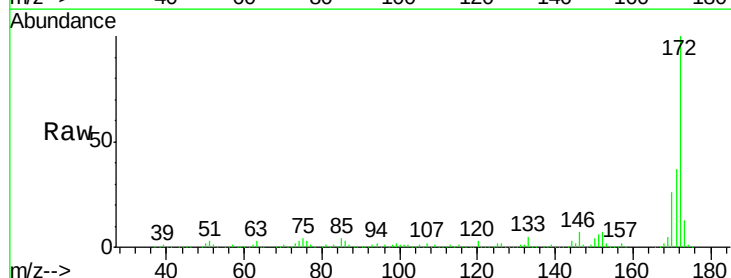
Instrument :
 BNA_F
 ClientSampleId :
 PB86309BL

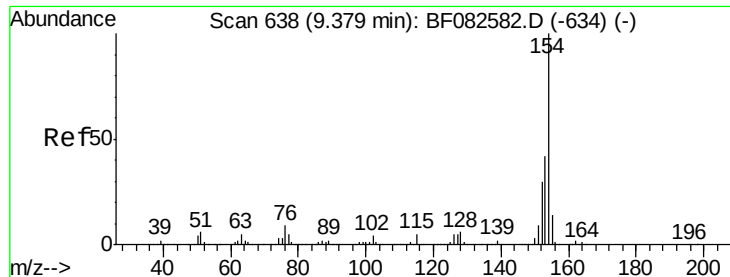
Tgt Ion:330 Resp: 511244
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 37.2 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 80.06 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082592.D
 Acq: 31 Oct 2015 1:02

Tgt Ion:172 Resp: 2101498
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.7 21.2 31.8





#45

1,1'-Biphenyl

Concen: 0.13 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.10 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Instrument :

BNA_F

ClientSampleId :

PB86309BL

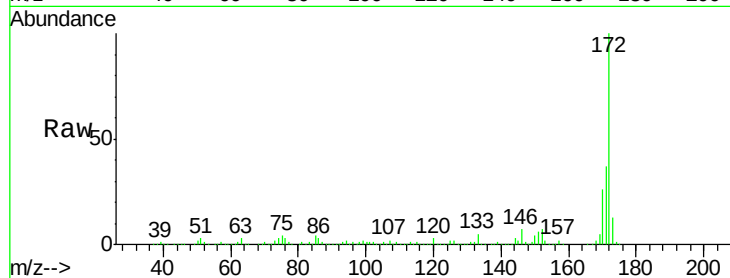
Tgt Ion:154 Resp: 4077

Ion Ratio Lower Upper

154 100

153 1076.1 22.0 62.0#

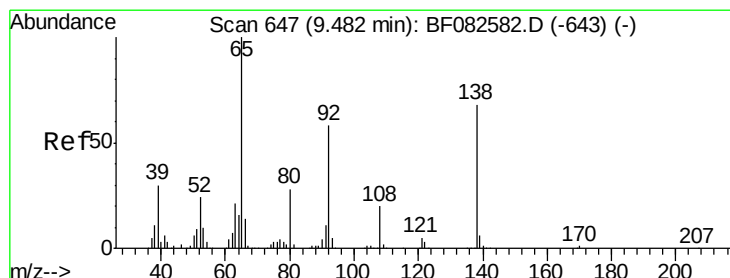
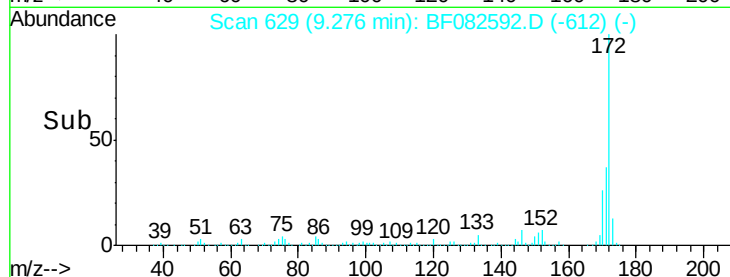
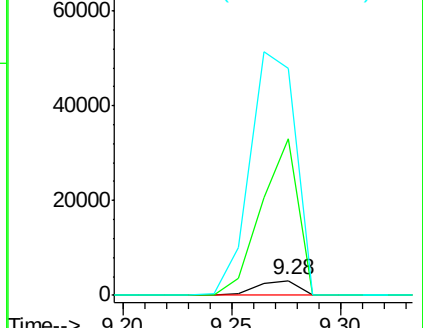
76 1559.1 0.0 29.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 0.46 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.22 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

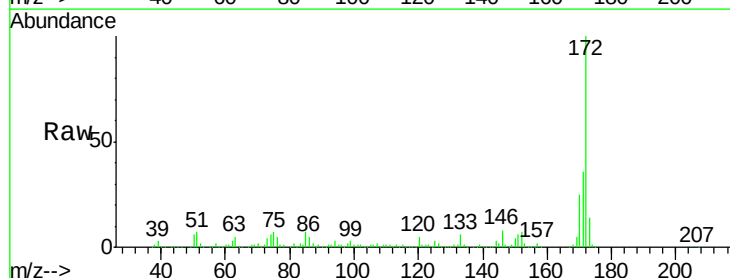
Tgt Ion: 65 Resp: 4420

Ion Ratio Lower Upper

65 100

92 168.2 46.6 70.0#

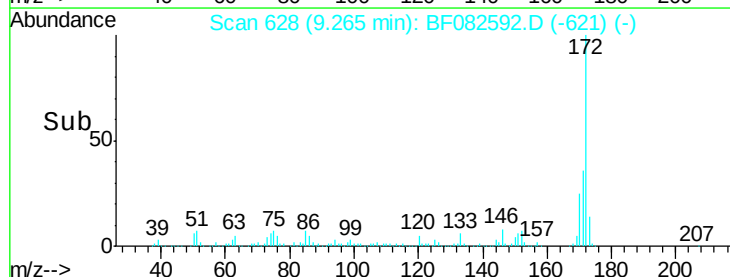
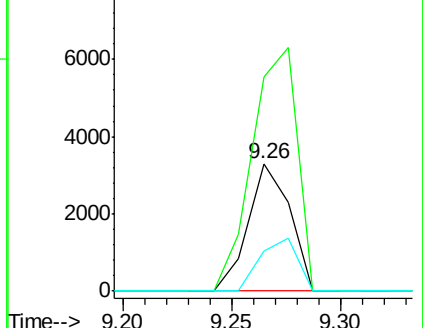
138 31.8 54.6 81.8#

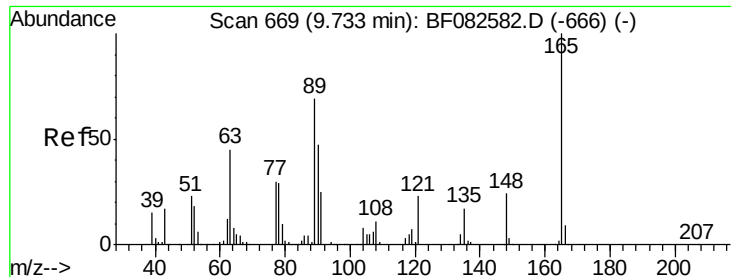


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

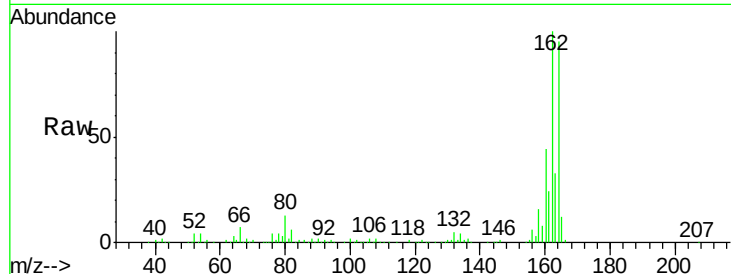




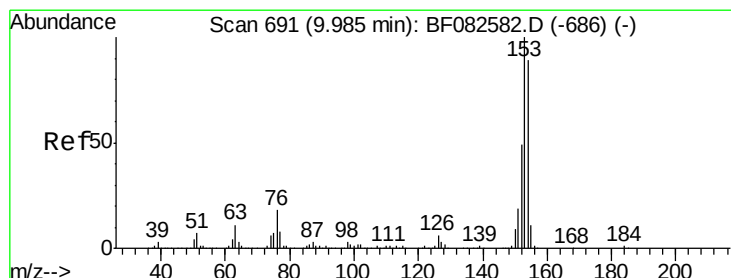
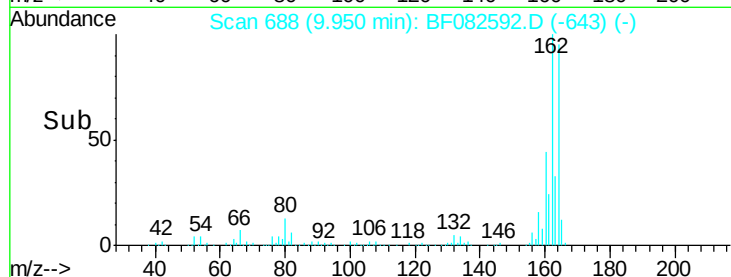
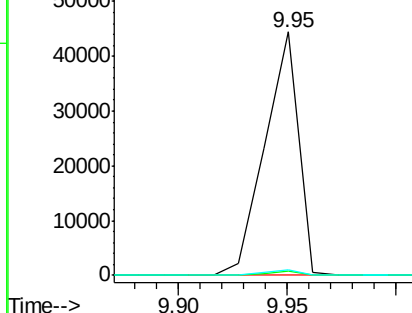
#50
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.22 min
Lab File: BF082592.D
Acq: 31 Oct 2015 1:02

Instrument :
BNA_F
ClientSampleId :
PB86309BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	55.5	83.3#
89	2.2	55.0	82.6#

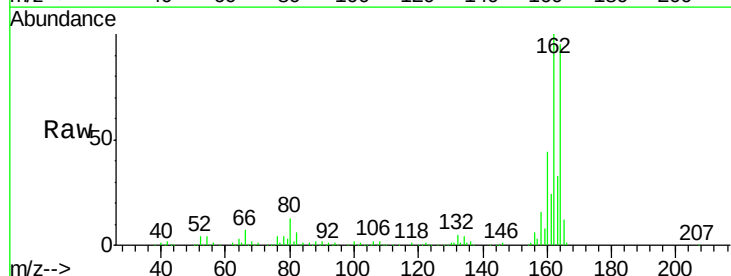


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

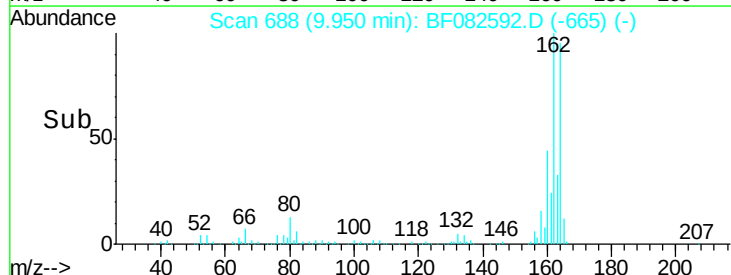
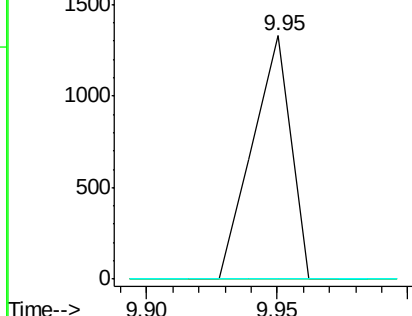


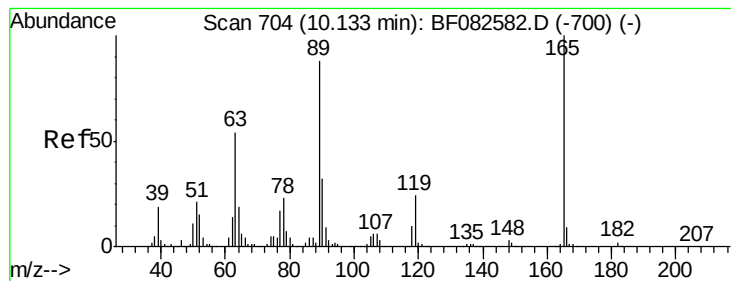
#51
Acenaphthene
Concen: 0.05 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF082592.D
Acq: 31 Oct 2015 1:02

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



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





#56

2,4-Dinitrotoluene

Concen: 5.66 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.18 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Instrument :

BNA_F

ClientSampleId :

PB86309BL

Tgt Ion:165 Resp: 48275

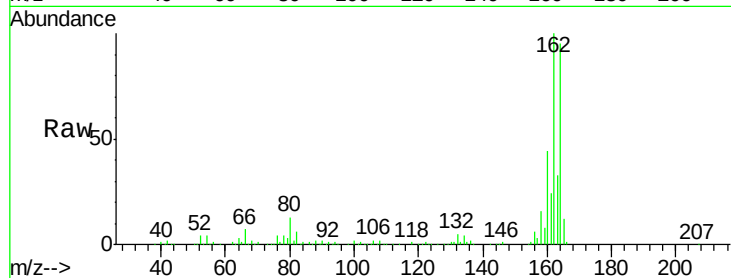
Ion Ratio Lower Upper

165 100

63 1.8 43.4 65.0#

89 2.2 70.6 106.0#

182 0.0 1.5 2.3#

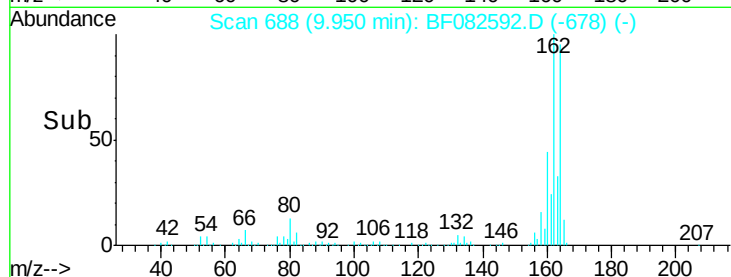


Abundance Ion 165.00 (164.70 to 165.70): E

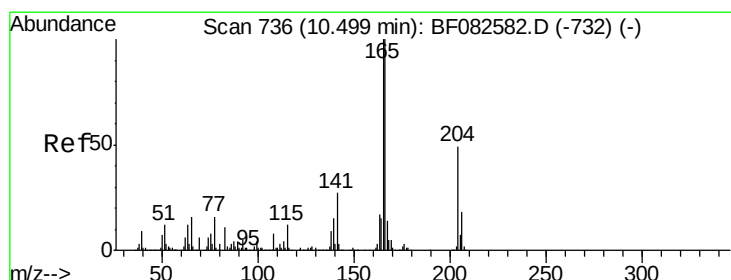
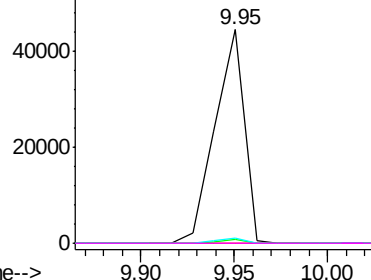
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Fluorene

Concen: 0.61 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.23 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

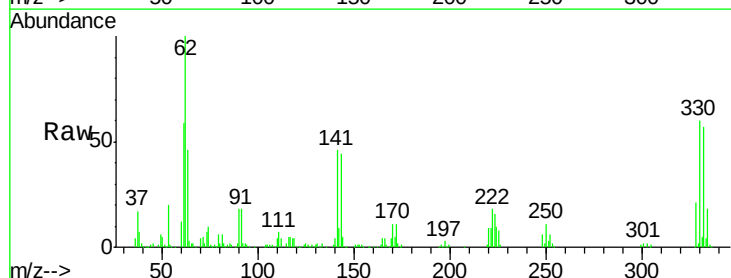
Tgt Ion:166 Resp: 16757

Ion Ratio Lower Upper

166 100

165 104.7 80.2 120.4

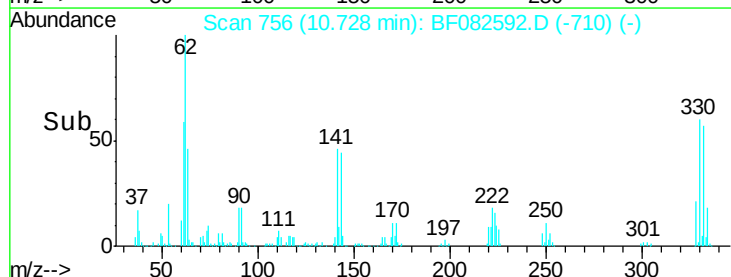
167 38.0 11.2 16.8#



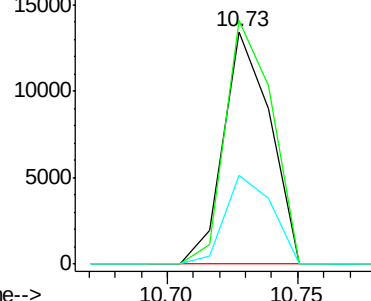
Abundance Ion 166.00 (165.70 to 166.70): E

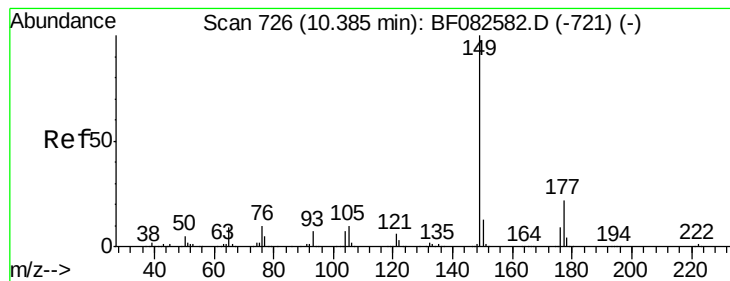
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#59

Diethylphthalate

Concen: 0.05 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Instrument :

BNA_F

ClientSampleId :

PB86309BL

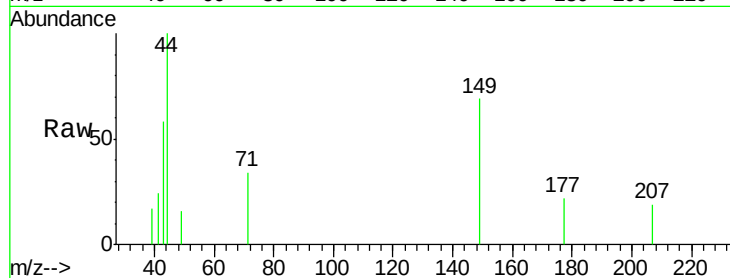
Tgt Ion: 149.00 Resp: 1600

Ion Ratio Lower Upper

149 100

177 31.5 17.9 26.9#

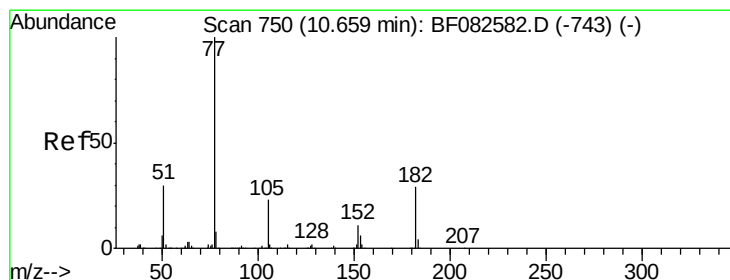
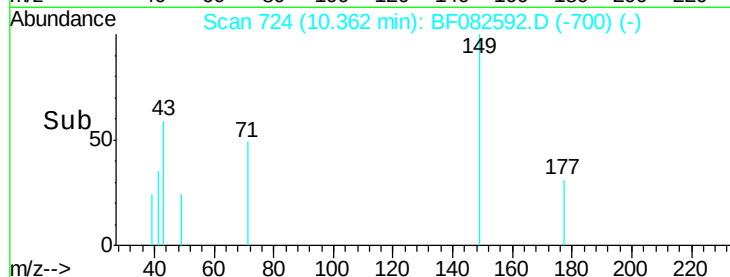
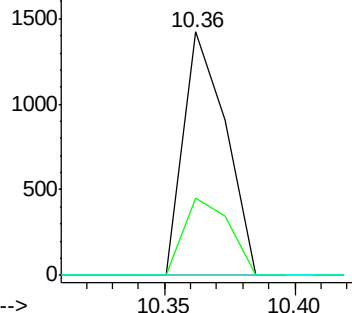
150 0.0 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 0.08 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.07 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Tgt Ion: 77.00 Resp: 2767

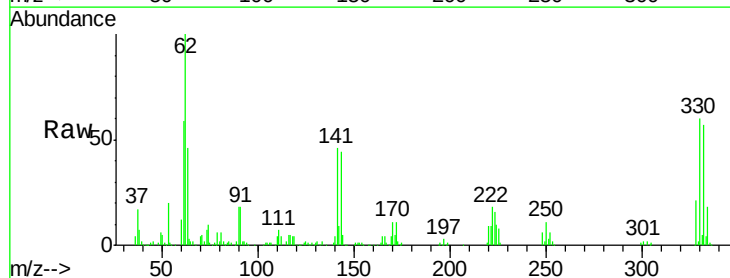
Ion Ratio Lower Upper

77 100

182 0.0 9.3 49.3#

105 89.1 2.6 42.6#

51 101.2 9.9 49.9#

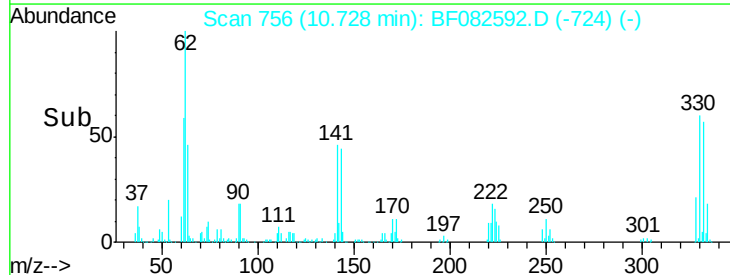
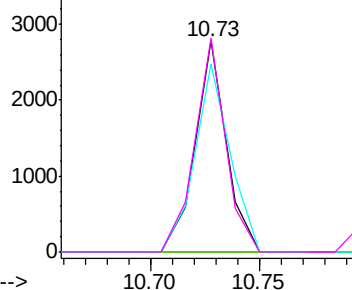


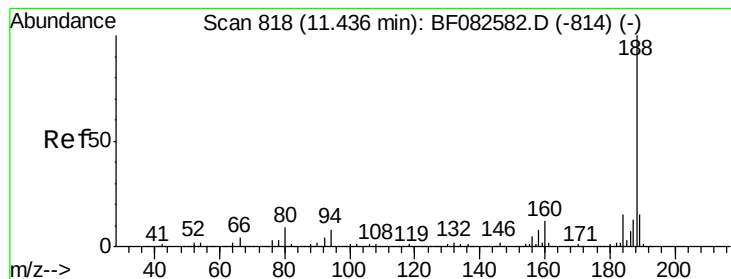
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Instrument :

BNA_F

ClientSampleId :

PB86309BL

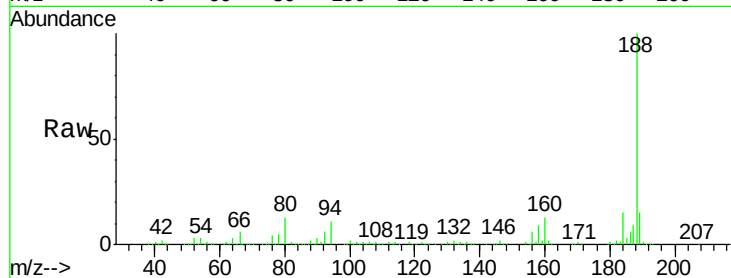
Tgt Ion:188 Resp: 674460

Ion Ratio Lower Upper

188 100

94 11.4 6.1 9.1#

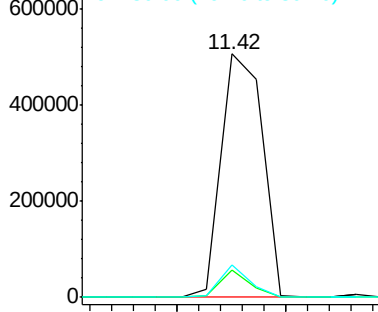
80 13.4 7.0 10.6#



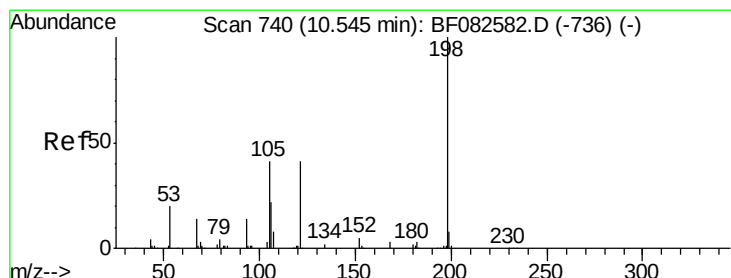
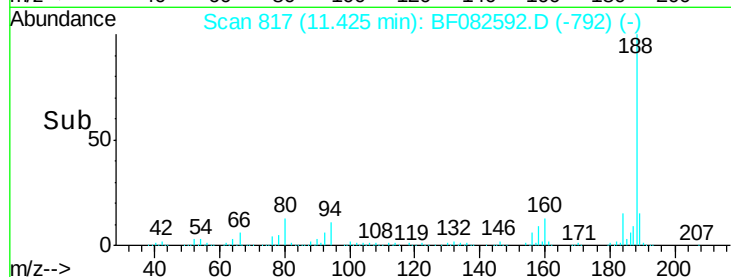
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 0.36 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.20 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

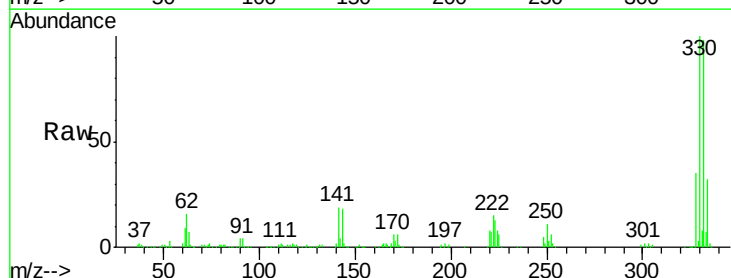
Tgt Ion:198 Resp: 1450

Ion Ratio Lower Upper

198 100

51 53.2 17.3 57.3

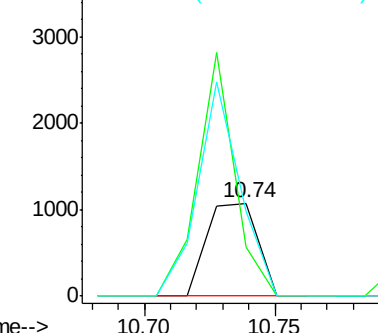
105 92.3 21.7 61.7#



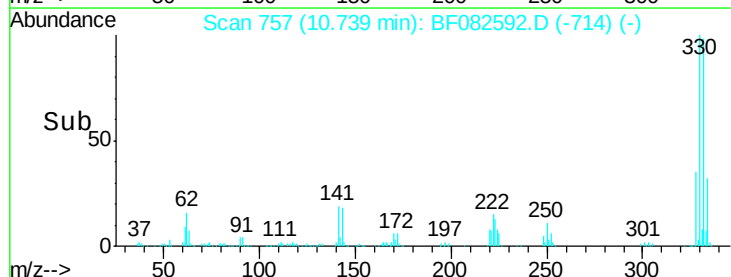
Abundance Ion 198.00 (197.70 to 198.70): E

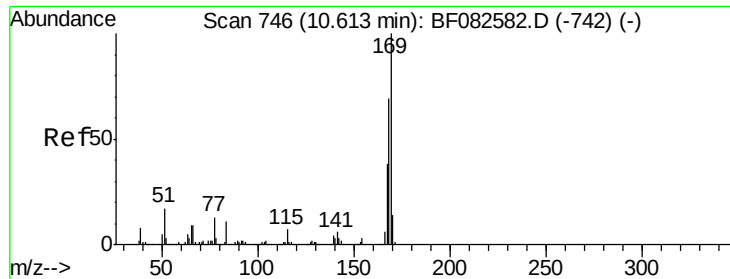
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->

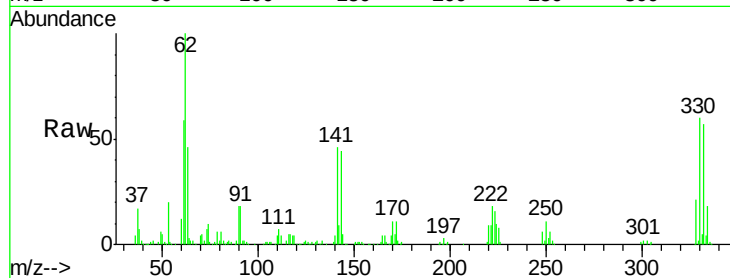




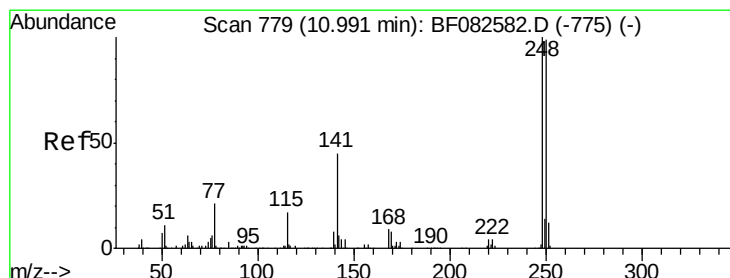
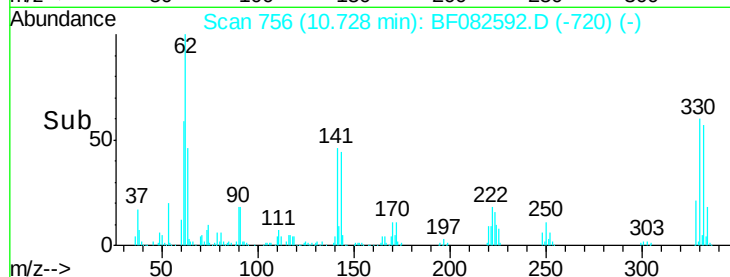
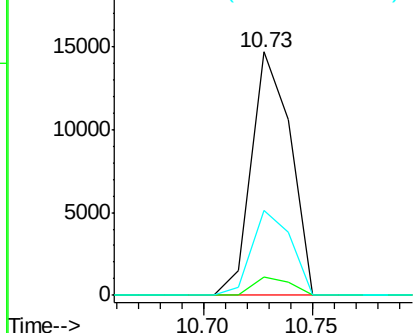
#65
 n-Nitrosodiphenylamine
 Concen: 0.79 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.11 min
 Lab File: BF082592.D
 Acq: 31 Oct 2015 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BL

Tgt Ion:169 Resp: 18370
 Ion Ratio Lower Upper
 169 100
 168 7.6 55.0 82.6#
 167 34.8 30.5 45.7

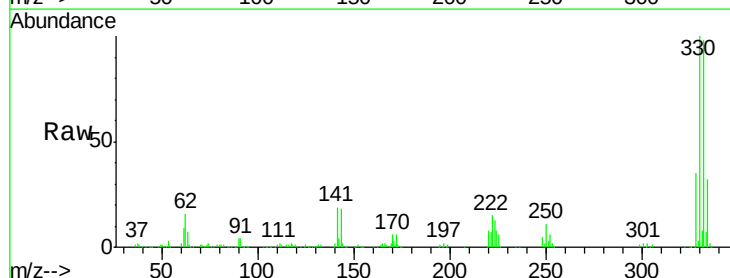


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

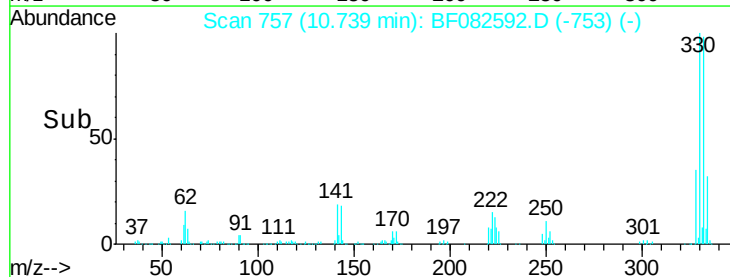
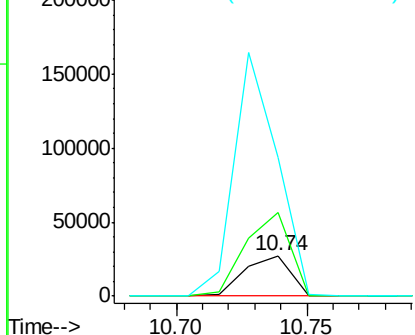


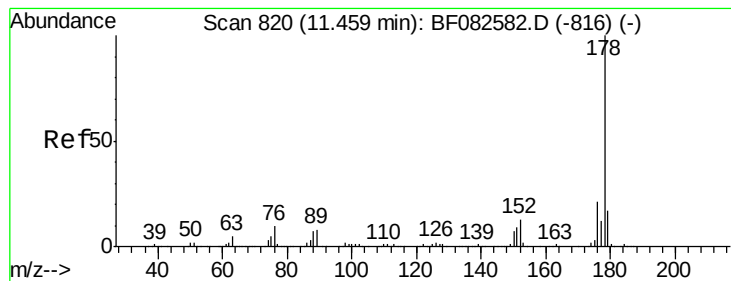
#66
 4-Bromophenyl-phenylether
 Concen: 4.42 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF082592.D
 Acq: 31 Oct 2015 1:02

Tgt Ion:248 Resp: 33798
 Ion Ratio Lower Upper
 248 100
 250 206.7 79.4 119.2#
 141 340.9 36.3 54.5#



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





#70

Phenanthrene

Concen: 0.01 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Instrument :

BNA_F

ClientSampleId :

PB86309BL

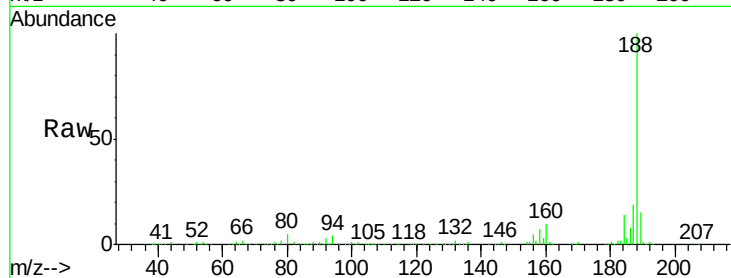
Tgt Ion:178 Resp: 269

Ion Ratio Lower Upper

178 100

176 0.0 17.0 25.4#

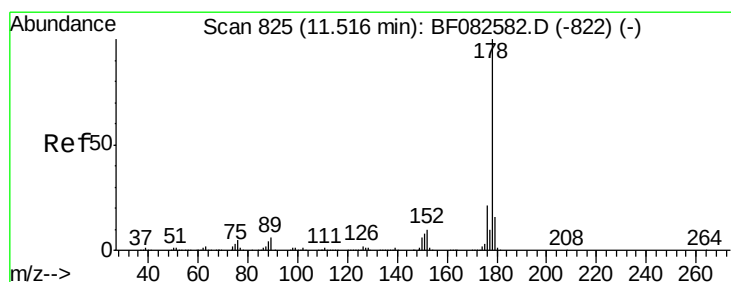
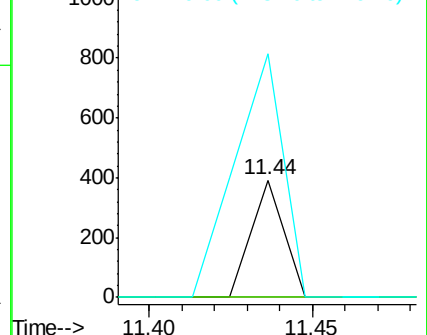
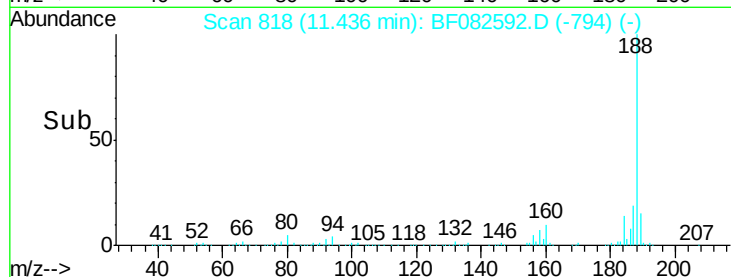
179 207.1 13.4 20.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.01 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.08 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

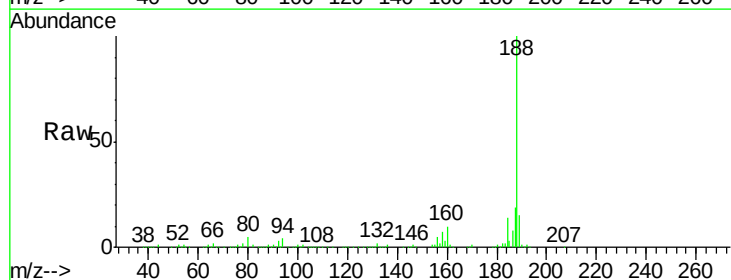
Tgt Ion:178 Resp: 269

Ion Ratio Lower Upper

178 100

176 0.0 16.5 24.7#

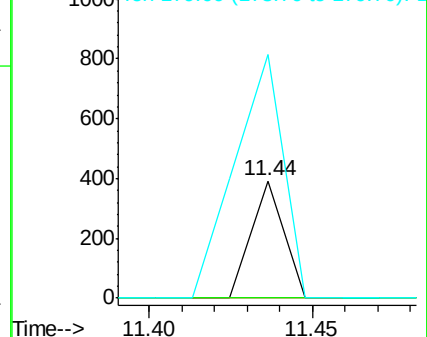
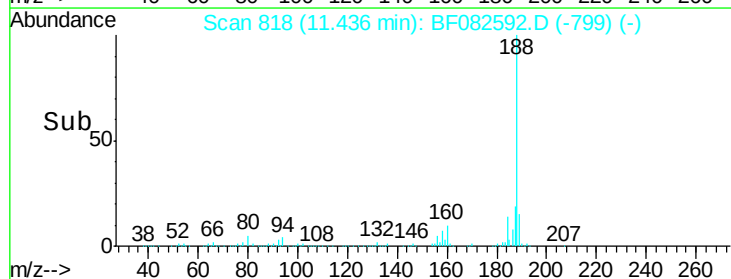
179 207.1 13.2 19.8#

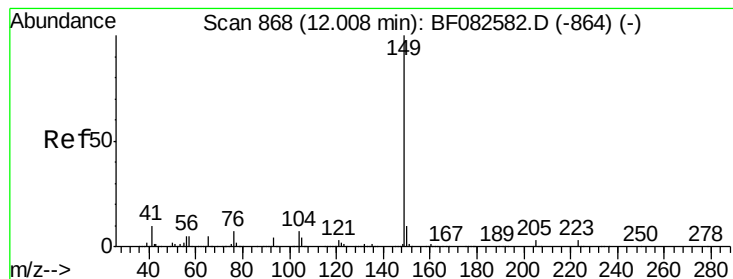


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.04 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

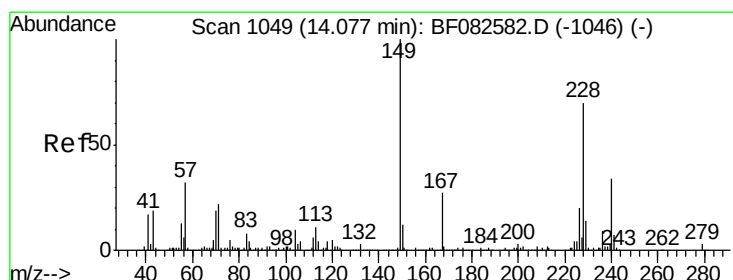
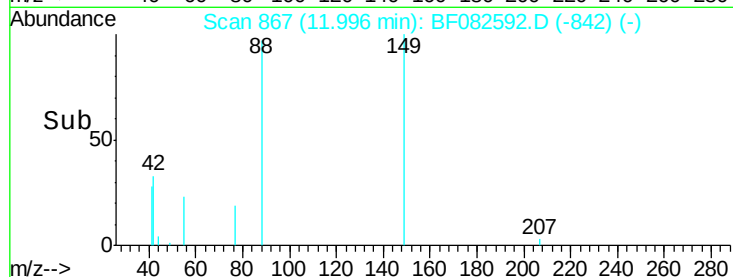
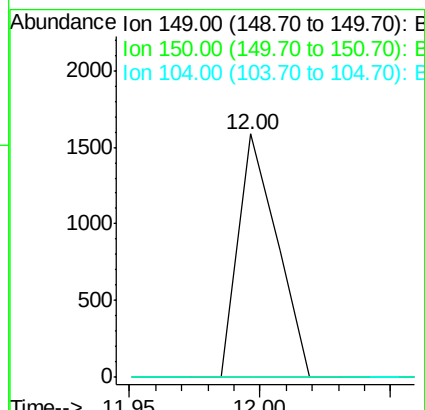
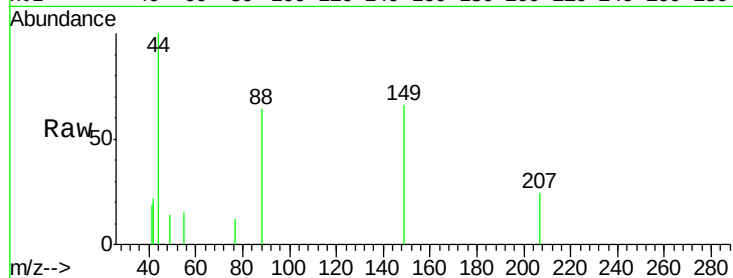
Instrument :

BNA_F

ClientSampleId :

PB86309BL

Tgt Ion:	149	Resp:	1659
Ion Ratio	Lower	Upper	
149	100		
150	0.0	8.1	12.1#
104	0.0	5.2	7.8#



#75

Chrysene-d12

Concen: 20.00 ng

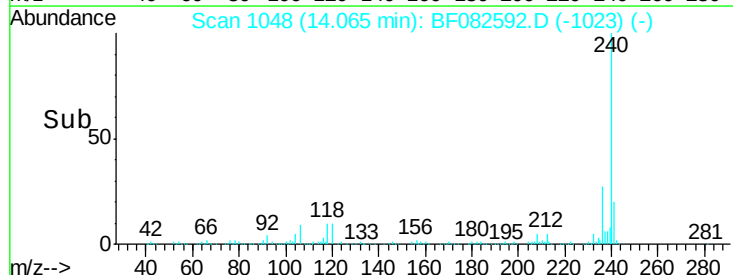
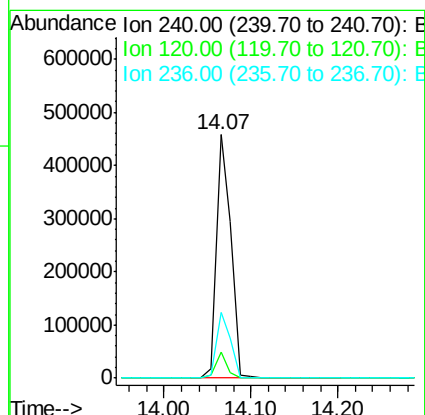
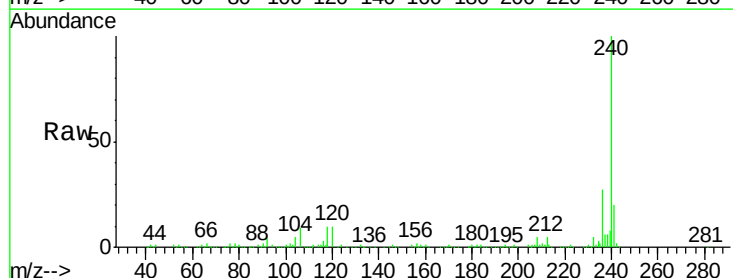
RT: 14.07 min Scan# 1048

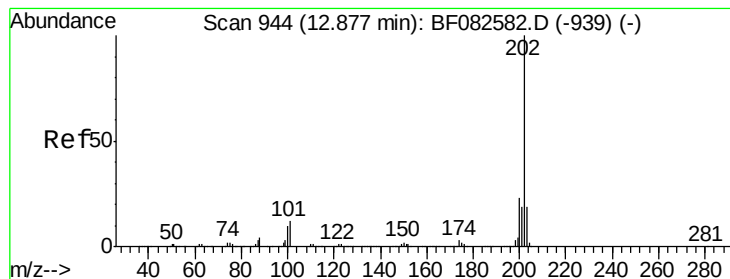
Delta R.T. -0.01 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Tgt Ion:	240	Resp:	537326
Ion Ratio	Lower	Upper	
240	100		
120	10.4	10.9	16.3#
236	27.0	21.6	32.4





#77

Pyrene

Concen: 0.18 ng

RT: 13.02 min Scan# 957

Delta R.T. 0.15 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Instrument :

BNA_F

ClientSampleId :

PB86309BL

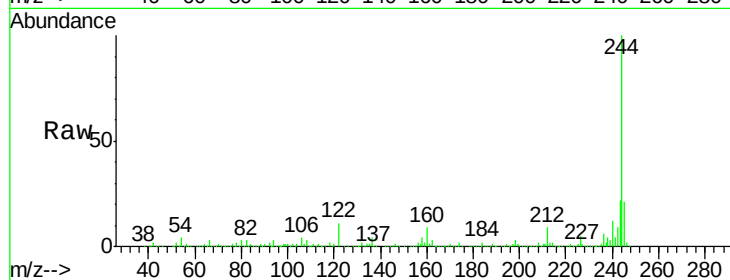
Tgt Ion: 202 Resp: 7132

Ion Ratio Lower Upper

202 100

200 40.5 18.7 28.1#

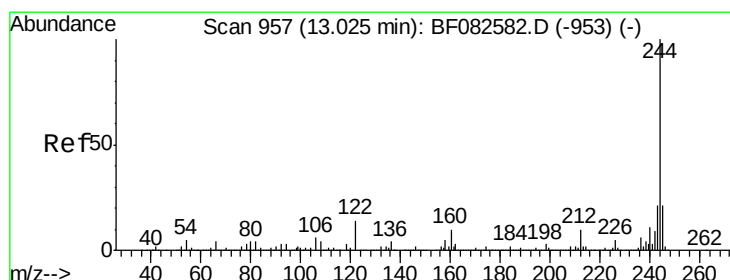
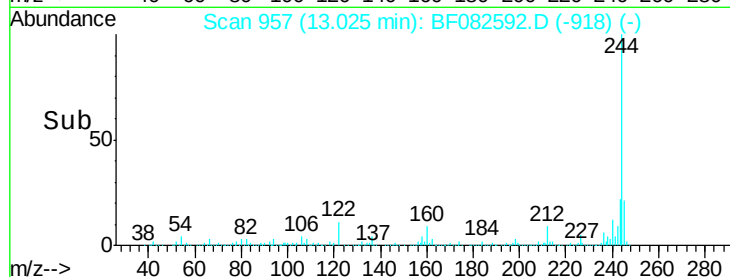
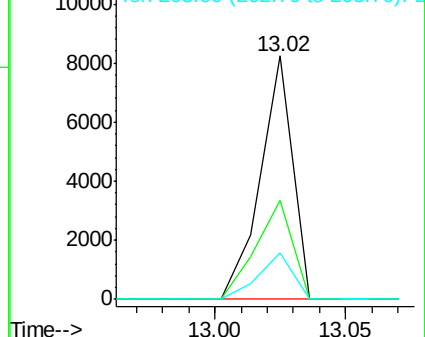
203 19.1 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.61 ng

RT: 13.02 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

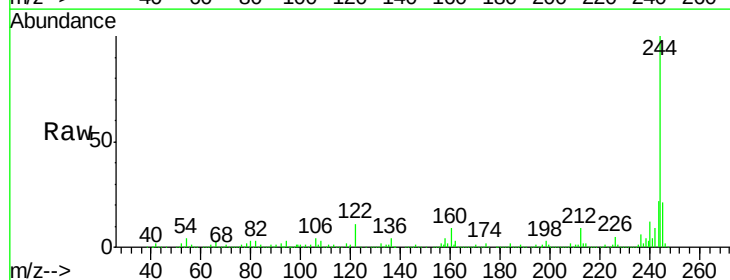
Tgt Ion: 244 Resp: 1880932

Ion Ratio Lower Upper

244 100

212 8.9 7.6 11.4

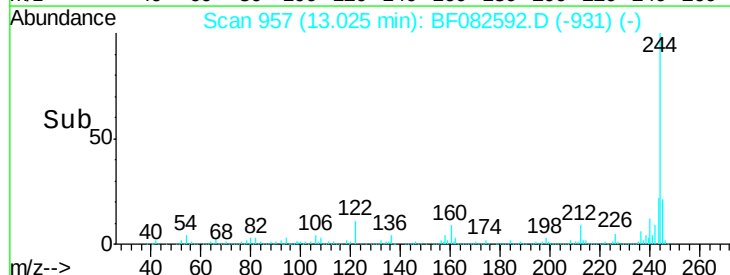
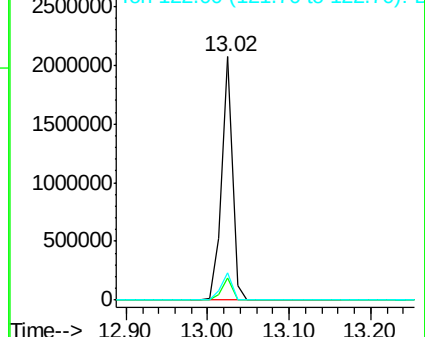
122 11.1 11.3 16.9#

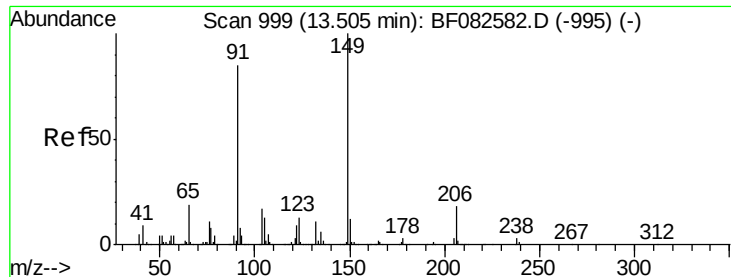


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.03 ng

RT: 13.56 min Scan# 1004

Delta R.T. 0.06 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Instrument :

BNA_F

ClientSampleId :

PB86309BL

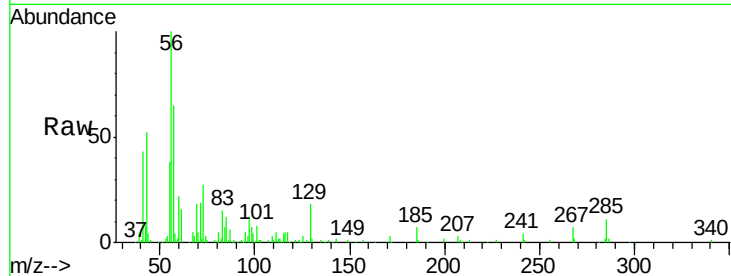
Tgt Ion:149 Resp: 520

Ion Ratio Lower Upper

149 100

91 45.8 67.7 101.5#

206 0.0 14.6 22.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

13.56

800

600

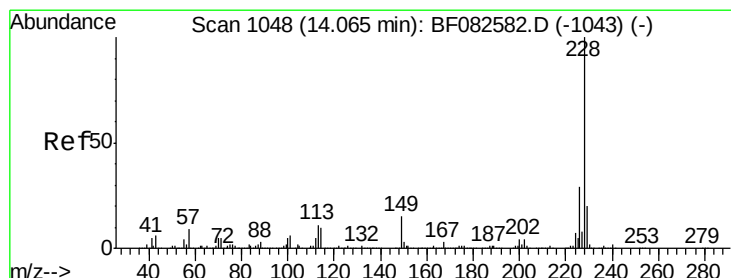
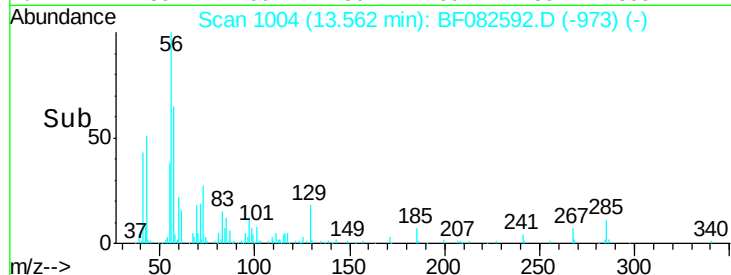
400

200

0

13.55 13.60

Time-->



#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

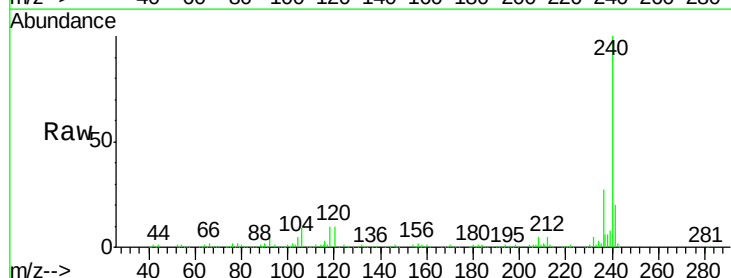
Tgt Ion:228 Resp: 1361

Ion Ratio Lower Upper

228 100

226 0.0 23.4 35.2#

229 25.8 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

14.07

1500

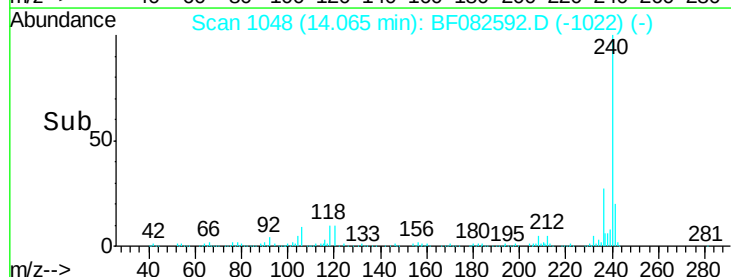
1000

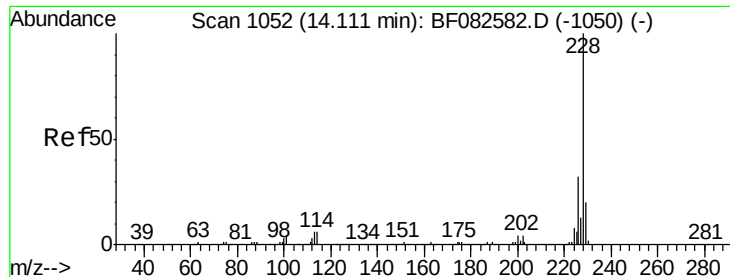
500

0

14.05 14.10

Time-->





#82

Chrysene

Concen: 0.04 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.05 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

Instrument :

BNA_F

ClientSampleId :

PB86309BL

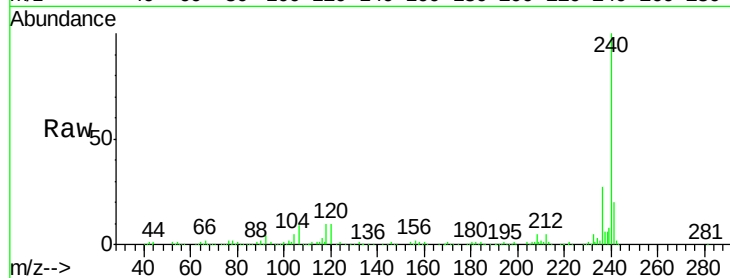
Tgt Ion:228 Resp: 1361

Ion Ratio Lower Upper

228 100

226 0.0 25.5 38.3#

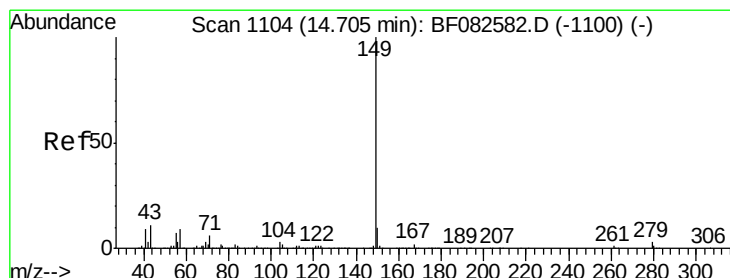
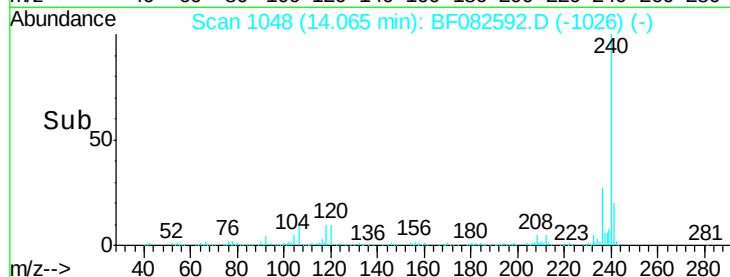
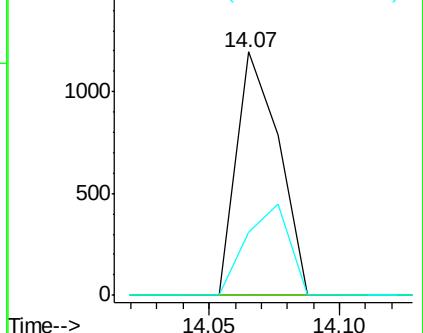
229 25.8 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 0.01 ng

RT: 14.55 min Scan# 1090

Delta R.T. -0.16 min

Lab File: BF082592.D

Acq: 31 Oct 2015 1:02

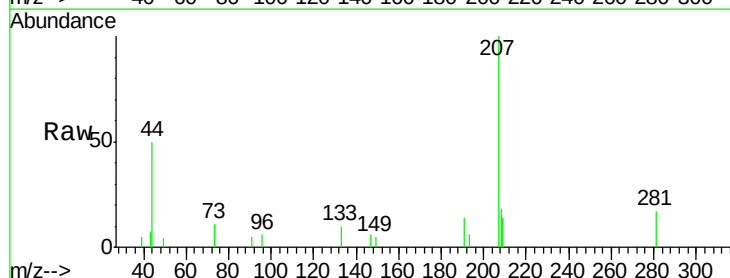
Tgt Ion:149 Resp: 238

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

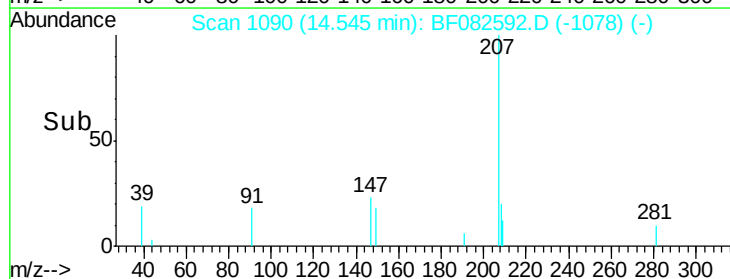
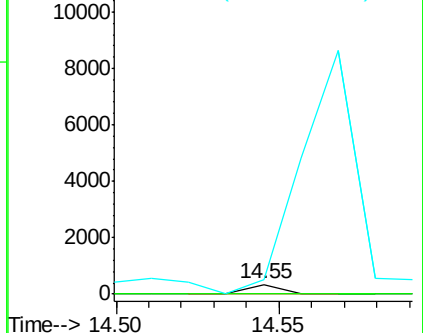
43 0.0 10.1 15.1#

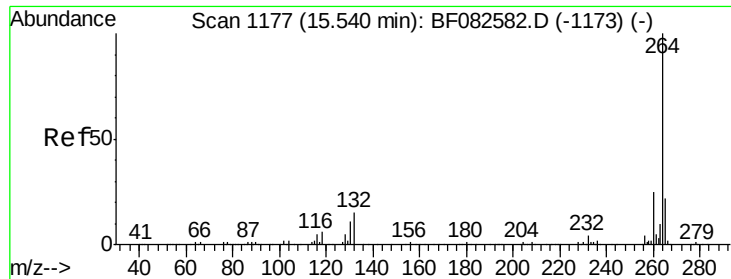


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

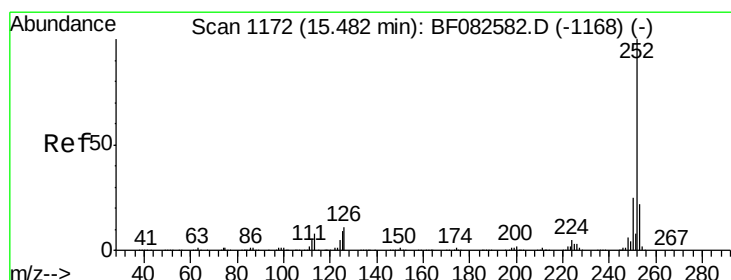
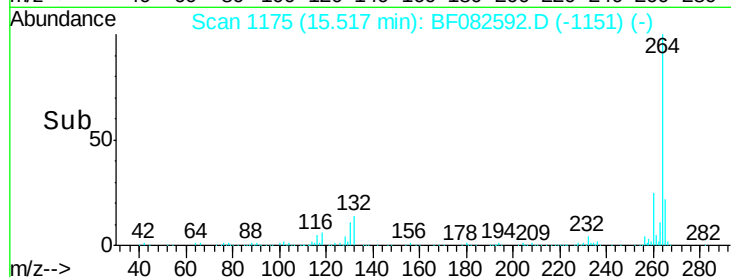
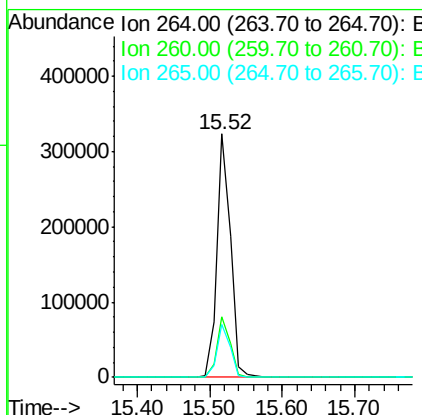
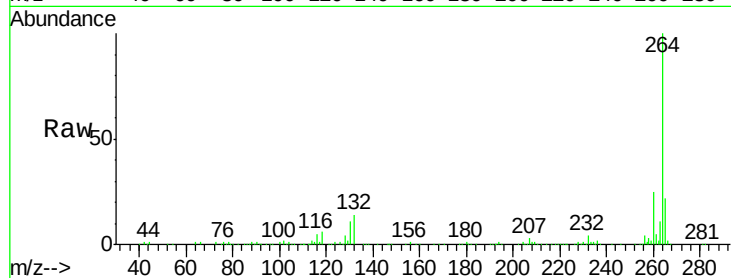




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF082592.D
Acq: 31 Oct 2015 1:02

Instrument :
BNA_F
ClientSampleId :
PB86309BL

Tgt Ion: 264 Resp: 421311
Ion Ratio Lower Upper
264 100
260 25.0 19.8 29.6
265 22.0 17.4 26.0



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.03 min
Lab File: BF082592.D
Acq: 31 Oct 2015 1:02

Tgt Ion: 252 Resp: 1057
Ion Ratio Lower Upper
252 100
253 0.0 17.3 25.9#
125 0.0 7.1 10.7#

