

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082594.D
 Acq On : 31 Oct 2015 2:01
 Operator : UM/IZ
 Sample : PB86309TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86309TB

Quant Time: Oct 31 03:18:18 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	186765	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	759315	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	383895	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	700323	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	581608	20.00	ng	-0.01
86) Perylene-d12	15.52	264	455366	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1359580	109.64	ng	0.01
7) Phenol-d6	6.53	99	1928194	117.05	ng	0.00
23) Nitrobenzene-d5	7.46	82	1141395	61.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	522454	124.35	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2042329	75.53	ng	0.00
78) Terphenyl-d14	13.03	244	1943978	73.15	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	1749	0.31	ng	# 75
4) n-Nitrosodimethylamine	3.17	42	509	0.05	ng	# 1
6) Aniline	6.67	93	2334	0.10	ng	# 1
8) 2-Chlorophenol	6.68	128	673	0.05	ng	# 1
9) Benzaldehyde	6.67	77	44113	3.92	ng	84
10) Phenol	6.53	94	339	0.02	ng	# 1
11) bis(2-Chloroethyl)ether	6.67	93	2334	0.17	ng	# 1
15) Benzyl Alcohol	7.06	79	23014	1.50	ng	# 54
19) n-Nitroso-di-n-propylamine	7.46	70	161182	12.91	ng	# 76
22) Acetophenone	7.06	105	207	0.01	ng	# 1
24) Nitrobenzene	7.46	77	3776	0.20	ng	# 38
28) bis(2-Chloroethoxy)methane	8.19	93	258	0.01	ng	# 1
31) Naphthalene	8.30	128	1094	0.03	ng	# 1
33) 4-Chloroaniline	8.32	127	209	0.01	ng	# 1
45) 1,1'-Biphenyl	9.28	154	4034	0.12	ng	# 1
47) 2-Nitroaniline	9.26	65	3946	0.40	ng	# 1
50) 2,6-Dinitrotoluene	9.95	165	49214	7.57	ng	# 17
51) Acenaphthene	9.95	154	1544	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.95	165	49214	5.60	ng	# 16
57) Fluorene	10.73	166	15624	0.56	ng	# 79
59) Diethylphthalate	10.36	149	1038	0.03	ng	# 59
62) Azobenzene	10.73	77	3003	0.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.74	198	1199	0.28	ng	# 15
65) n-Nitrosodiphenylamine	10.73	169	17777	0.74	ng	# 47
66) 4-Bromophenyl-phenylether	10.74	248	34468	4.34	ng	# 1
70) Phenanthrene	11.44	178	255	0.01	ng	# 1
71) Anthracene	11.44	178	255	0.01	ng	# 1
73) Di-n-butylphthalate	12.00	149	1816	0.04	ng	# 76
77) Pyrene	13.03	202	7361	0.17	ng	# 66
79) Butylbenzylphthalate	13.56	149	463	0.02	ng	# 16
80) Benzo(a)anthracene	14.07	228	1547	0.04	ng	# 56
82) Chrysene	14.07	228	1547	0.05	ng	# 54
89) Benzo(a)pyrene	15.52	252	1730	0.07	ng	# 60

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Instrument :
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ClientSampleId :
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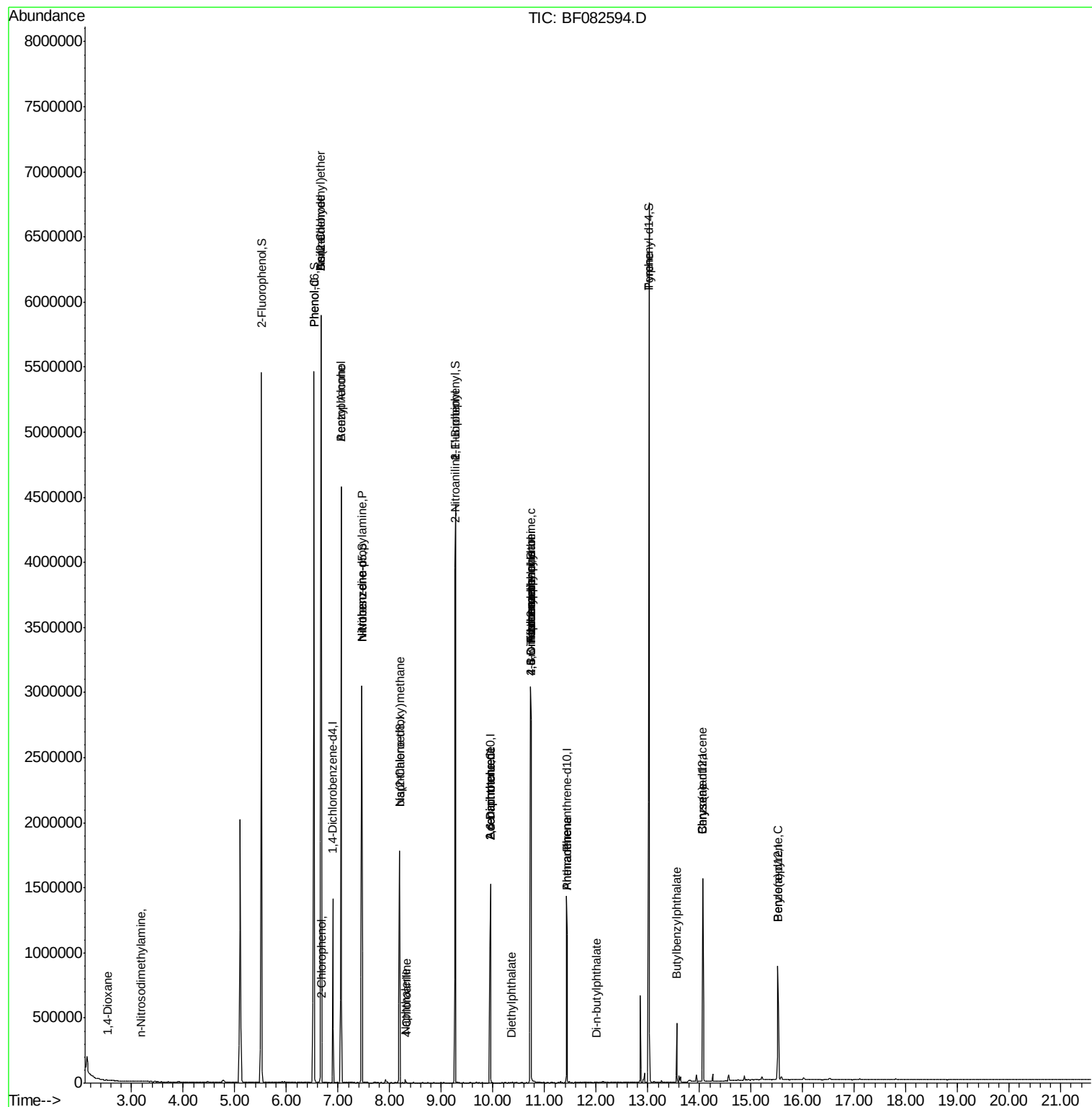
Quant Time: Oct 31 03:18:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

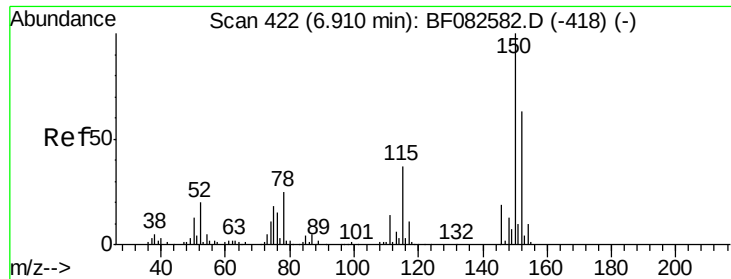
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
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Quant Time: Oct 31 03:18:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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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: BF082594.D

Acq: 31 Oct 2015 2:01

Instrument :

BNA_F

ClientSampleId :

PB86309TB

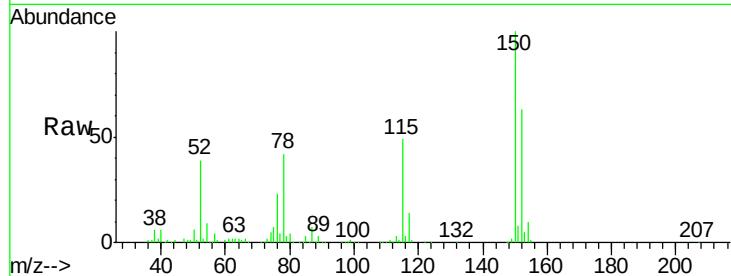
Tgt Ion:152 Resp: 186765

Ion Ratio Lower Upper

152 100

150 157.9 127.0 190.4

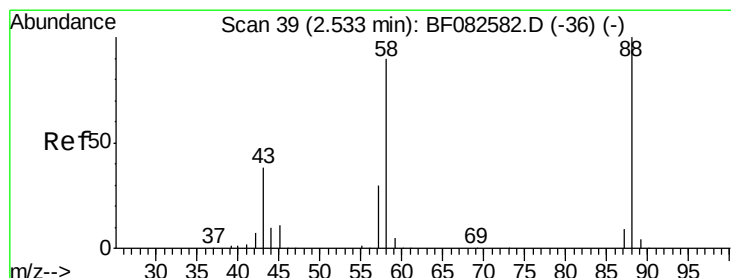
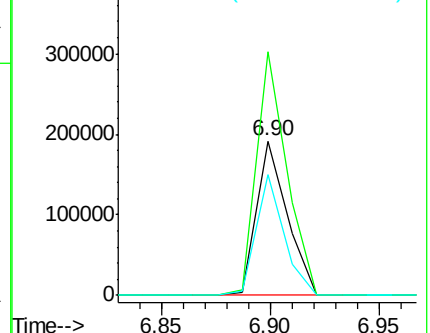
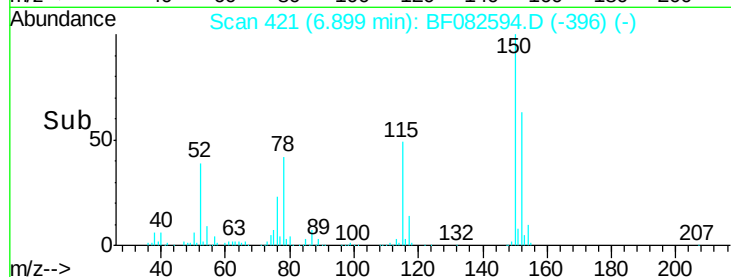
115 78.1 47.0 70.6#



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: 0.31 ng

RT: 2.53 min Scan# 39

Delta R.T. -0.00 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

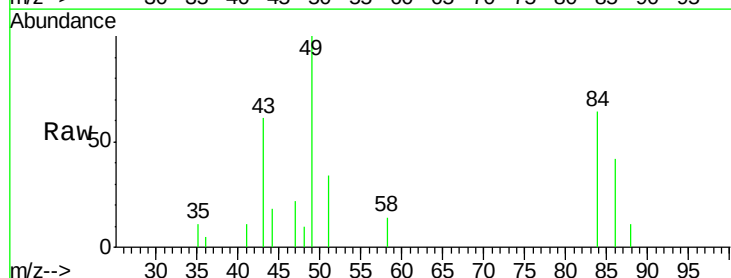
Tgt Ion: 88 Resp: 1749

Ion Ratio Lower Upper

88 100

58 68.3 62.0 93.0

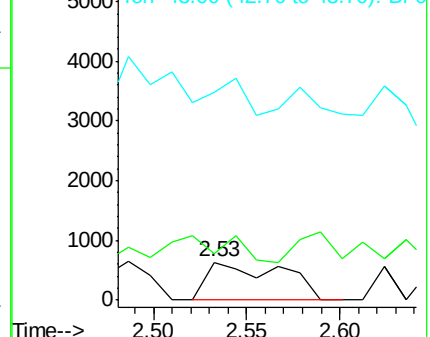
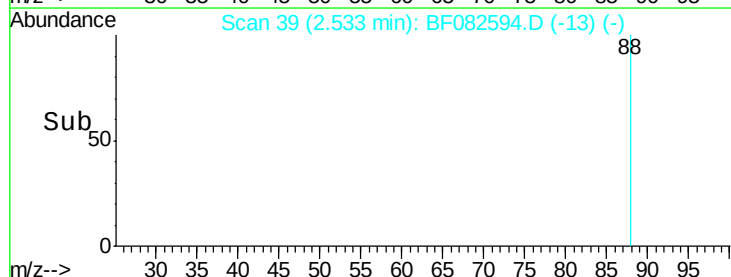
43 0.0 26.6 40.0#

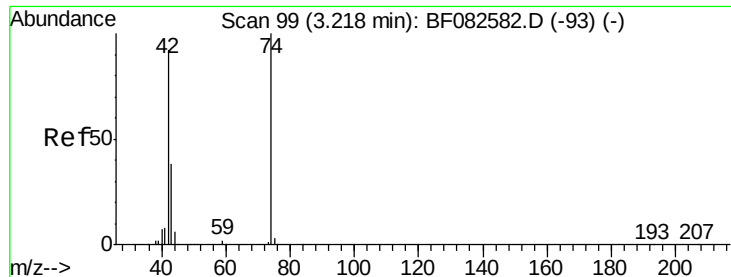


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.17 min Scan# 95

Delta R.T. -0.05 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

Instrument :

BNA_F

ClientSampleId :

PB86309TB

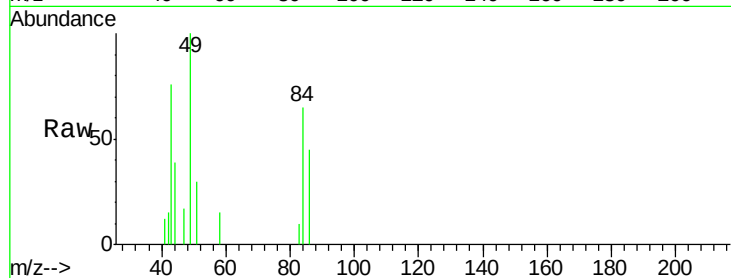
Tgt Ion: 42 Resp: 509

Ion Ratio Lower Upper

42 100

74 0.0 87.0 130.4#

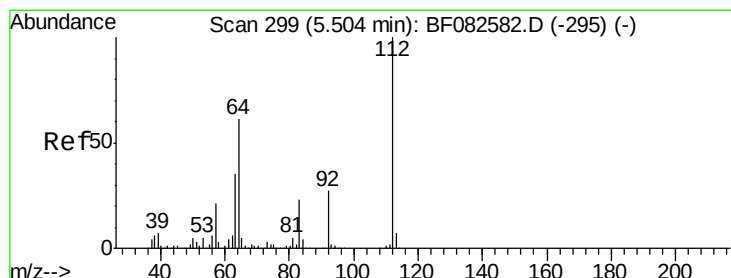
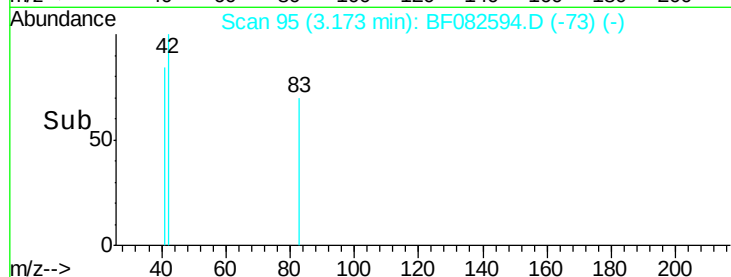
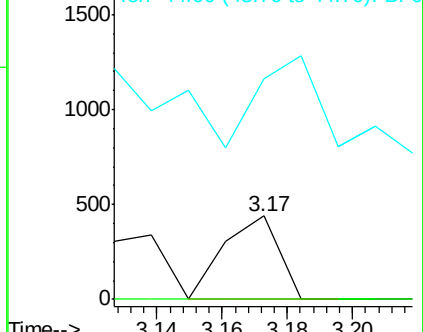
44 265.1 5.8 8.8#



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: 109.64 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

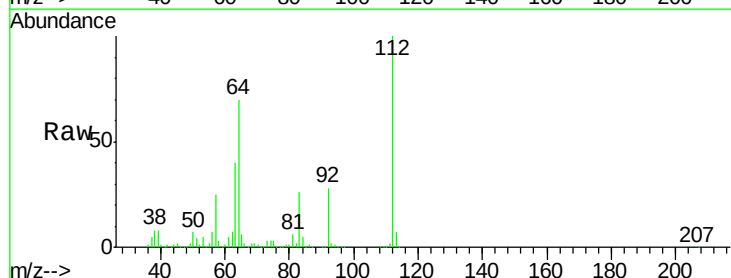
Tgt Ion: 112 Resp: 1359580

Ion Ratio Lower Upper

112 100

64 69.5 48.9 73.3

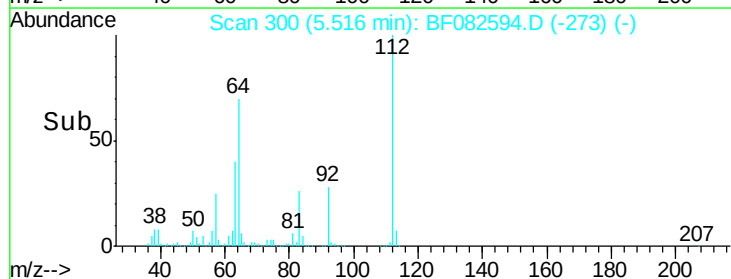
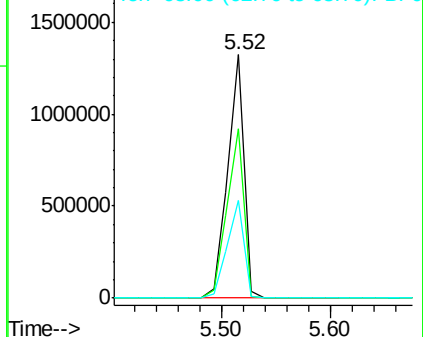
63 40.3 28.1 42.1

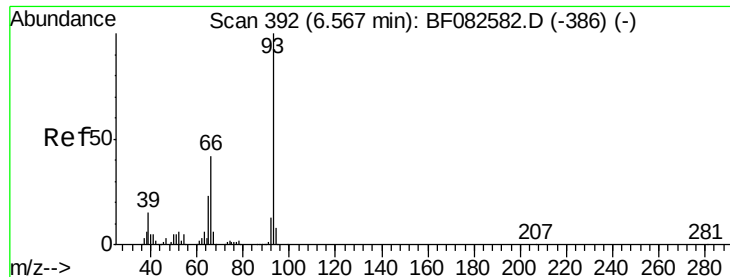


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.10 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.10 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

Instrument :

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PB86309TB

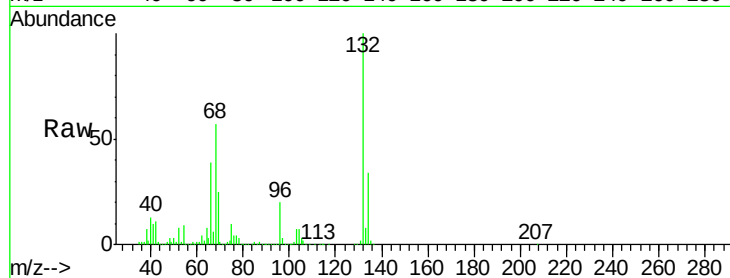
Tgt Ion: 93 Resp: 2334

Ion Ratio Lower Upper

93 100

66 19126.5 33.6 50.4#

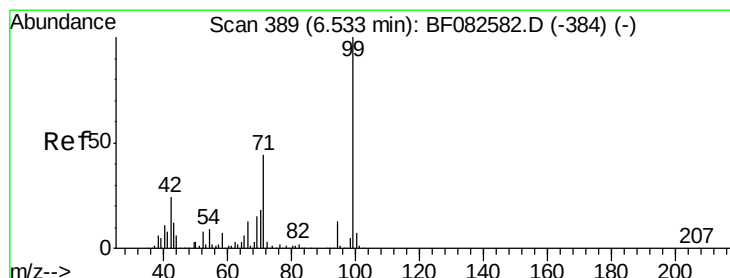
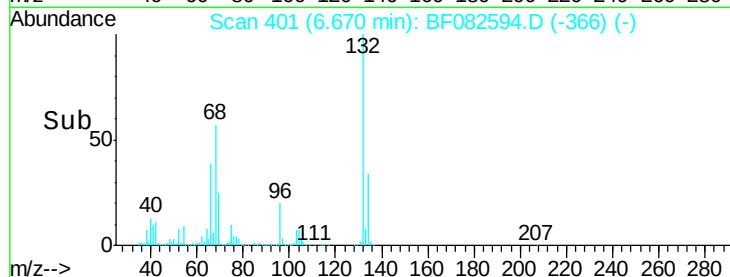
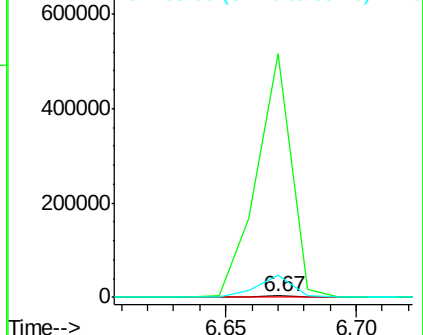
65 1701.4 18.1 27.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 117.05 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

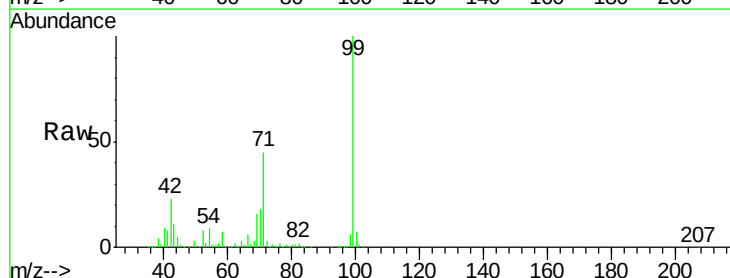
Tgt Ion: 99 Resp: 1928194

Ion Ratio Lower Upper

99 100

42 23.4 19.2 28.8

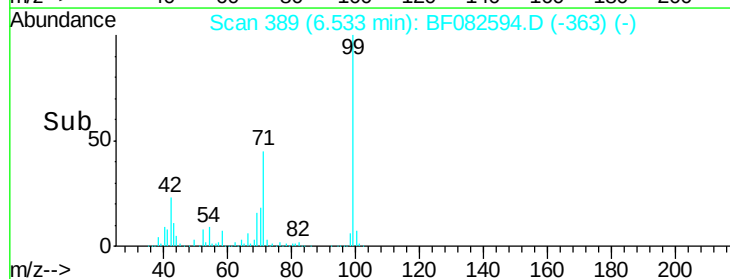
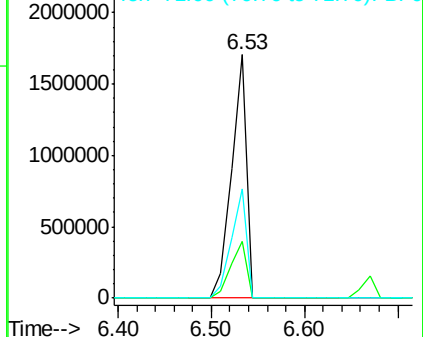
71 45.0 35.0 52.4

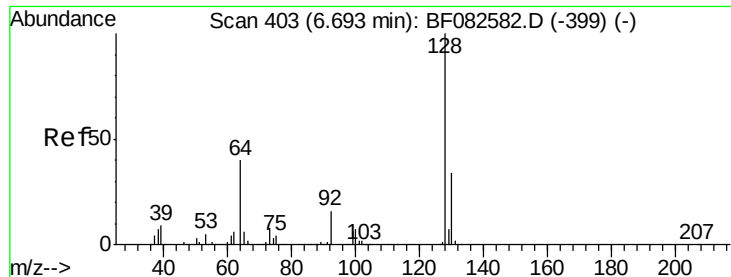


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

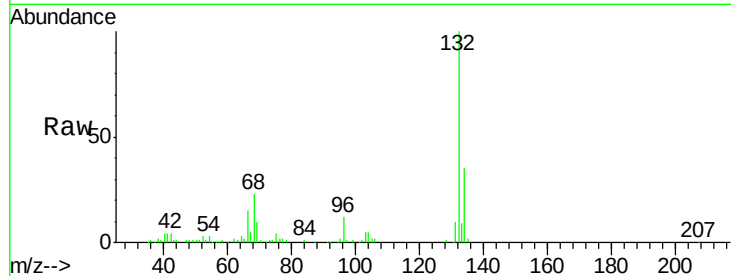




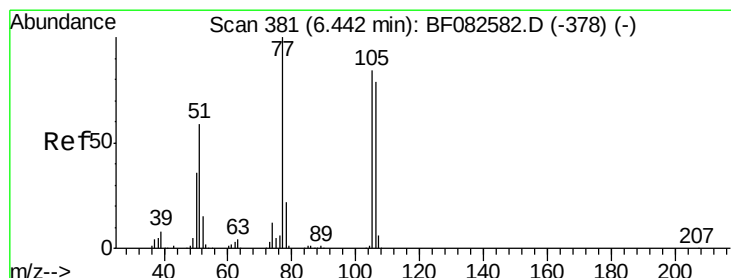
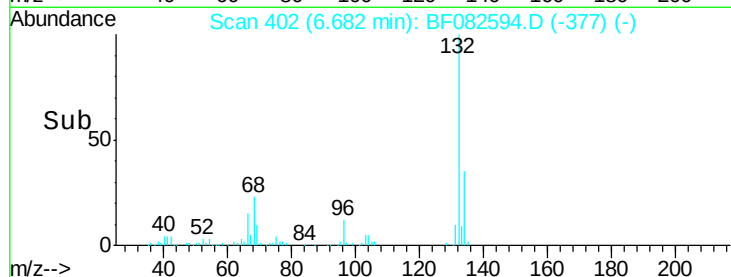
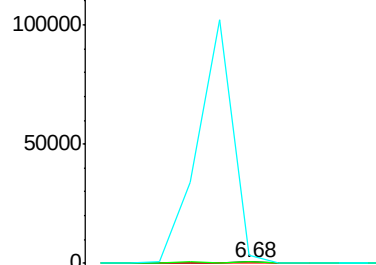
#8
2-Chlorophenol
Concen: 0.05 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF082594.D
Acq: 31 Oct 2015 2:01

Instrument :
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Tgt Ion:128 Resp: 673
Ion Ratio Lower Upper
128 100
130 95.5 13.5 53.5#
64 654.8 21.1 61.1#

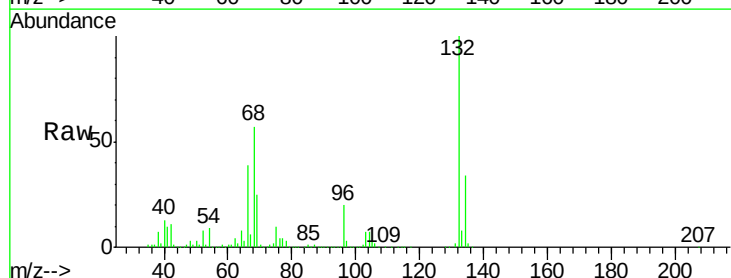


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

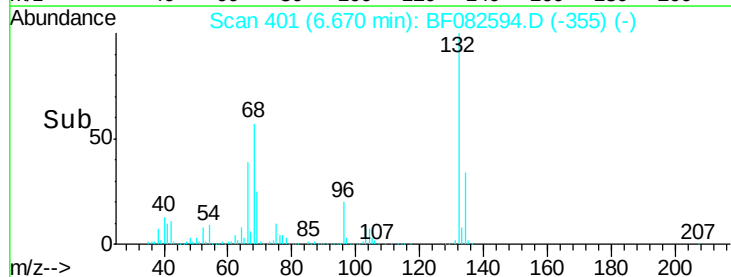
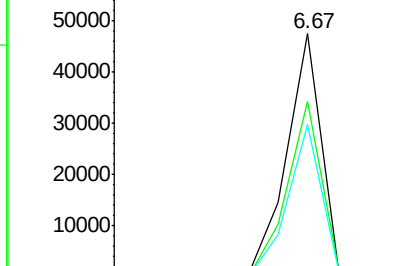


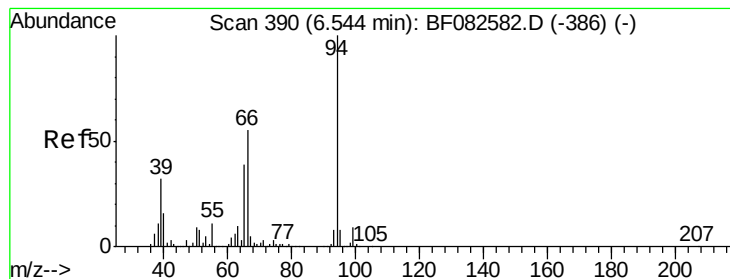
#9
Benzaldehyde
Concen: 3.92 ng
RT: 6.67 min Scan# 401
Delta R.T. 0.23 min
Lab File: BF082594.D
Acq: 31 Oct 2015 2:01

Tgt Ion: 77 Resp: 44113
Ion Ratio Lower Upper
77 100
105 72.1 63.5 103.5
106 62.5 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.02 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

Instrument :

BNA_F

ClientSampleId :

PB86309TB

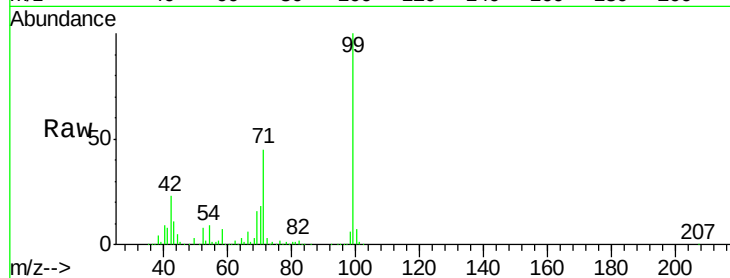
Tgt Ion: 94 Resp: 339

Ion Ratio Lower Upper

94 100

65 3886.9 18.9 58.9#

66 21551.5 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

100000

50000

0

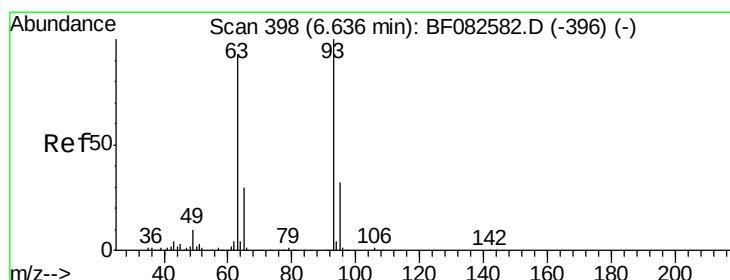
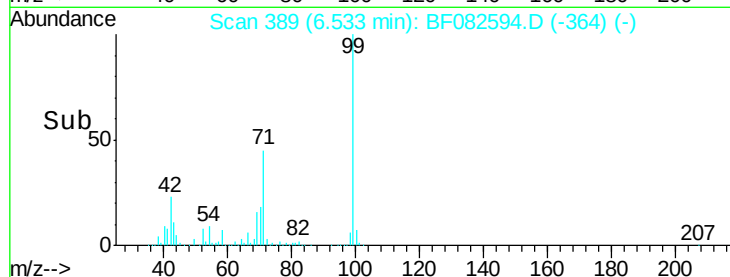
6.50

6.52

6.54

6.56

Time-->



#11

bis(2-Chloroethyl)ether

Concen: 0.17 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.03 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

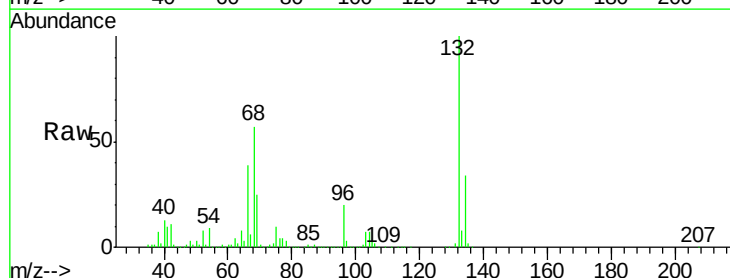
Tgt Ion: 93 Resp: 2334

Ion Ratio Lower Upper

93 100

63 753.8 72.7 112.7#

95 246.0 12.0 52.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

25000

20000

15000

10000

5000

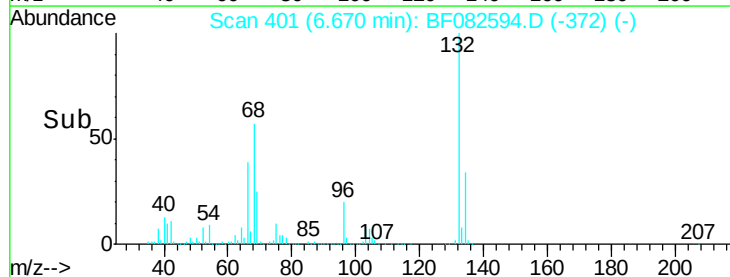
0

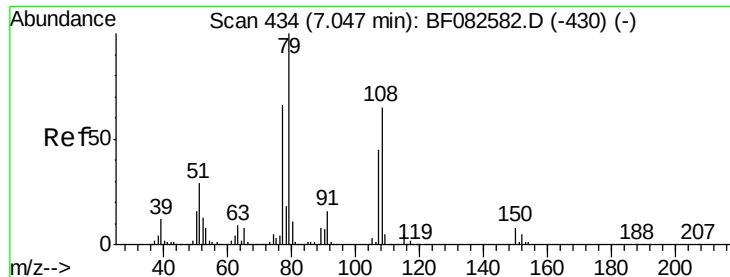
6.65

6.67

6.70

Time-->





#15

Benzyl Alcohol

Concen: 1.50 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

Instrument :

BNA_F

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PB86309TB

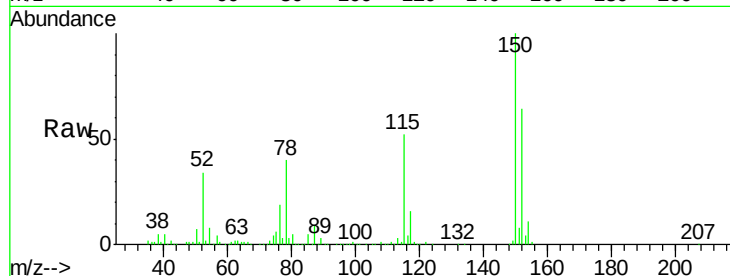
Tgt Ion: 79 Resp: 23014

Ion Ratio Lower Upper

79 100

108 24.3 52.2 78.4#

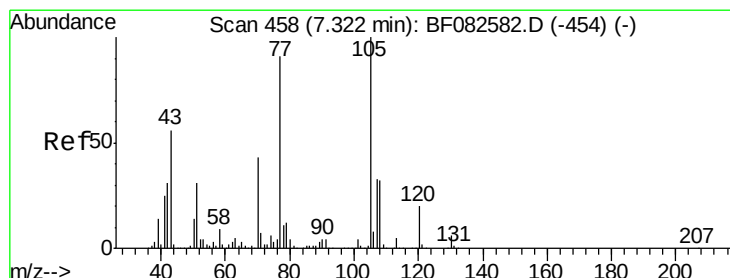
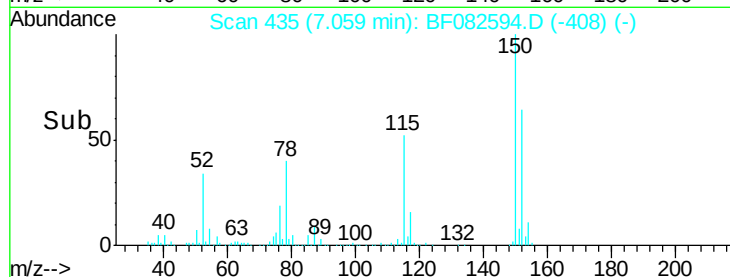
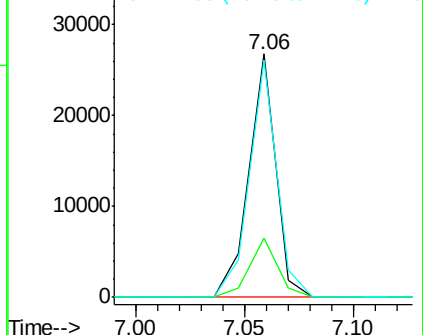
77 97.3 52.7 79.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.91 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

Tgt Ion: 70 Resp: 161182

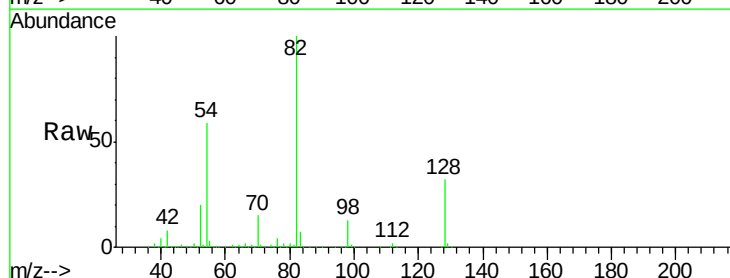
Ion Ratio Lower Upper

70 100

42 53.0 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#

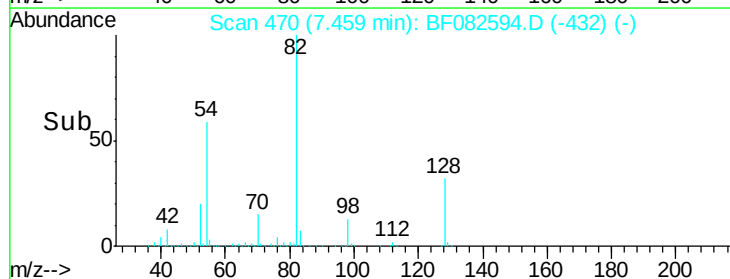
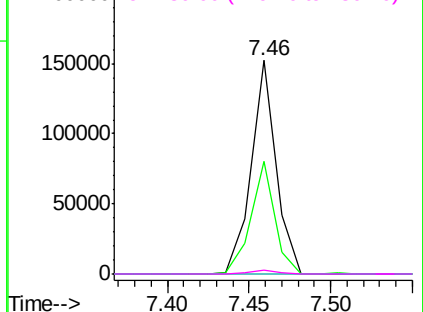


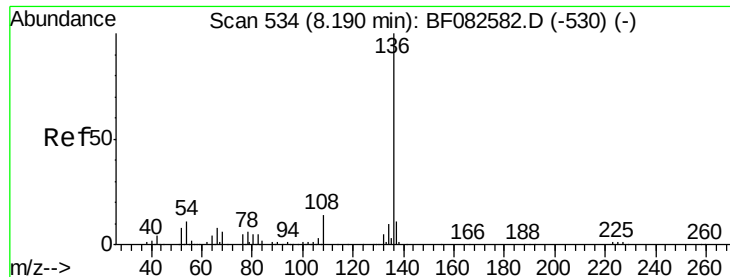
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

Instrument :

BNA_F

ClientSampleId :

PB86309TB

Tgt Ion:136 Resp: 759315

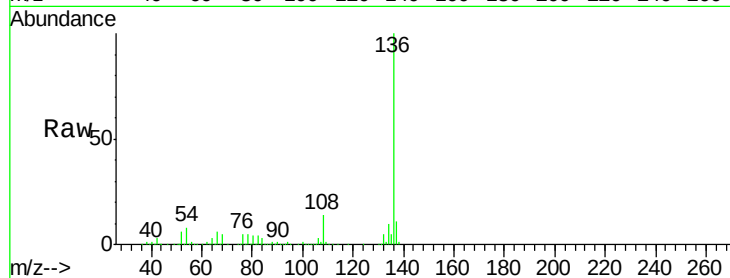
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.5 9.1 13.7#

68 5.0 4.8 7.2

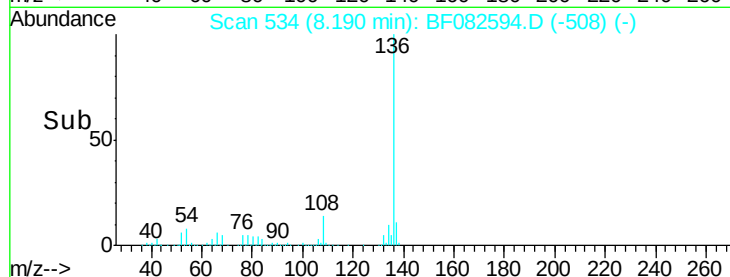


Abundance Ion 136.00 (135.70 to 136.70): E

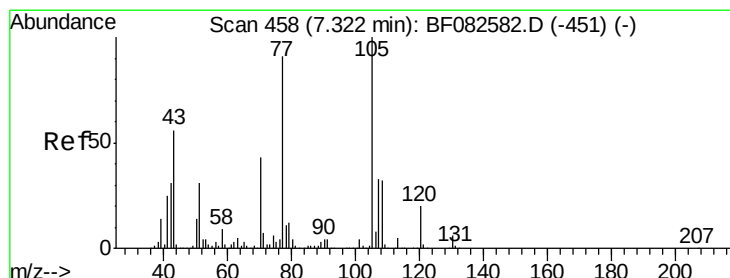
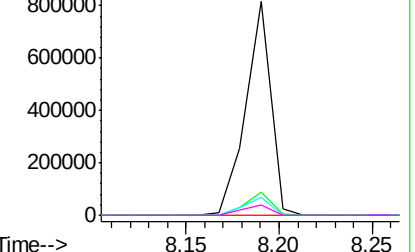
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 0.01 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.26 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

Tgt Ion:105 Resp: 207

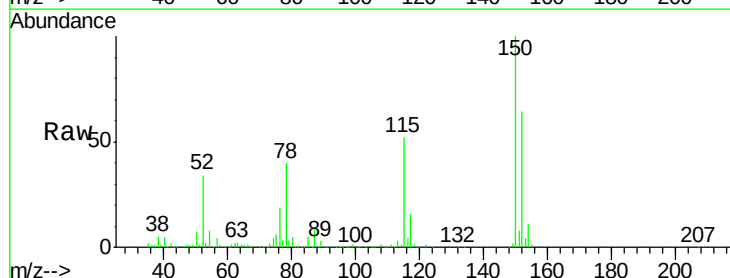
Ion Ratio Lower Upper

105 100

71 980.1 5.6 8.4#

51 3048.0 24.9 37.3#

120 349.7 15.8 23.8#

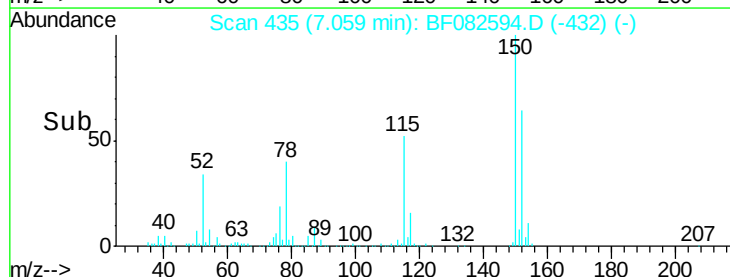


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

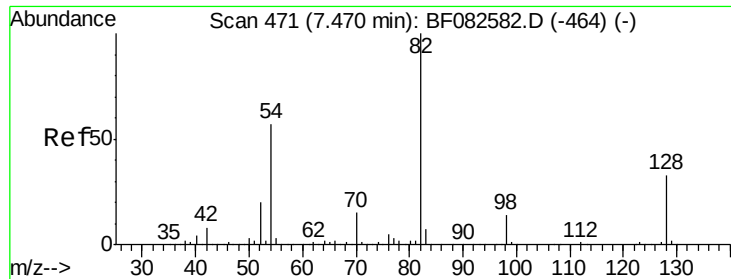
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

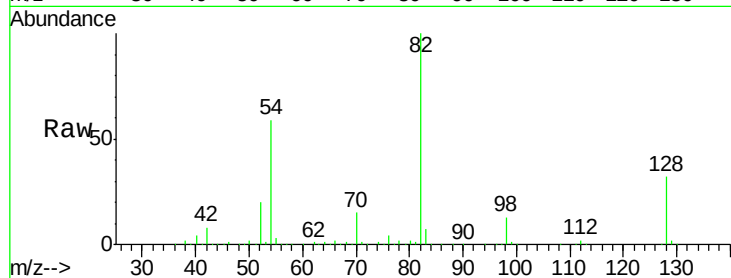




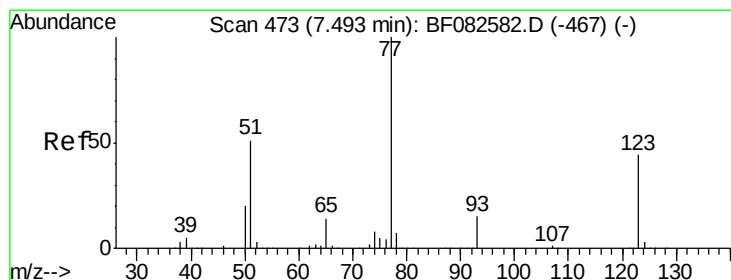
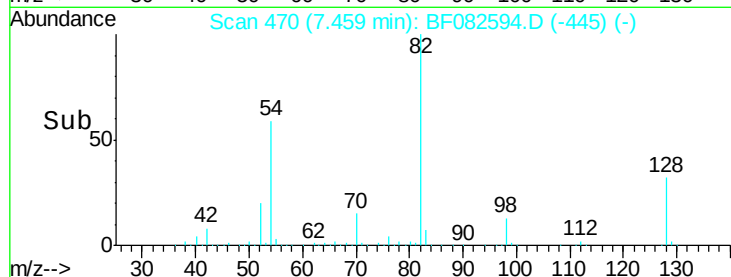
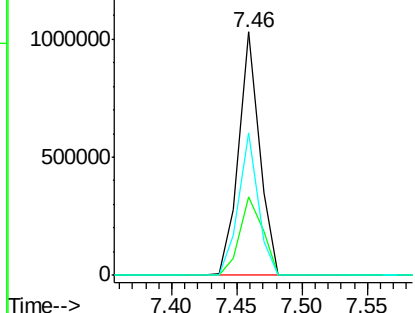
#23
 Nitrobenzene-d5
 Concen: 61.38 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF082594.D
 Acq: 31 Oct 2015 2:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86309TB

Tgt Ion: 82 Resp: 1141395
 Ion Ratio Lower Upper
 82 100
 128 32.4 26.8 40.2
 54 58.5 45.7 68.5

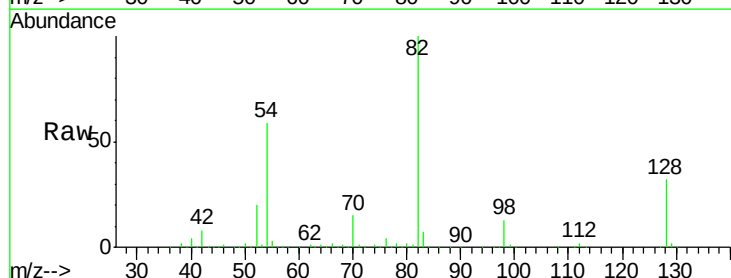


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

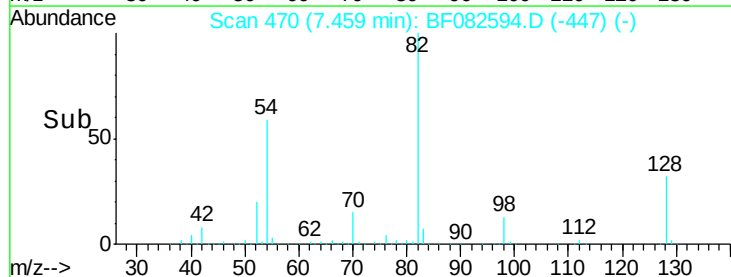
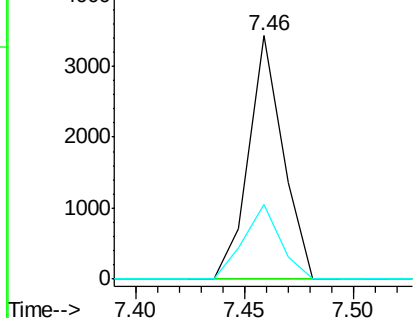


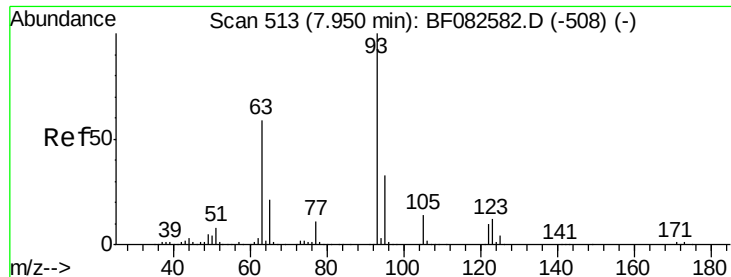
#24
 Nitrobenzene
 Concen: 0.20 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF082594.D
 Acq: 31 Oct 2015 2:01

Tgt Ion: 77 Resp: 3776
 Ion Ratio Lower Upper
 77 100
 123 0.0 36.4 54.6#
 65 30.7 11.5 17.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

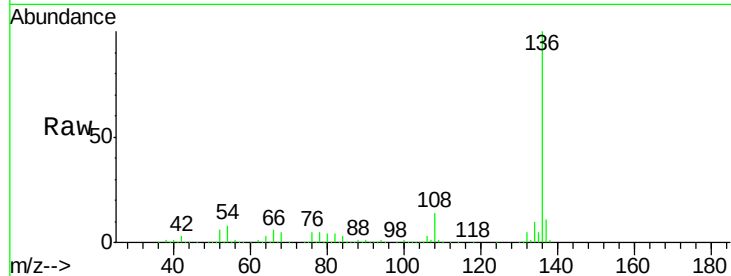




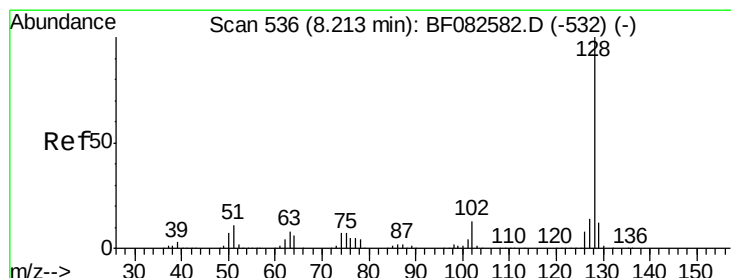
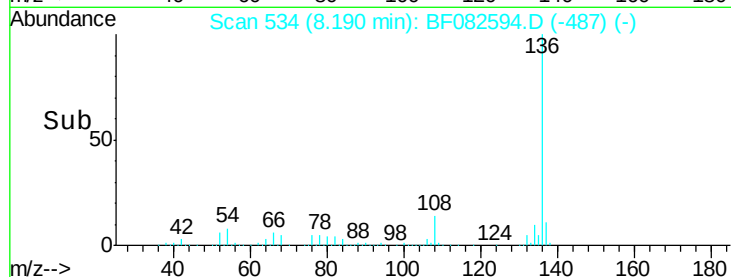
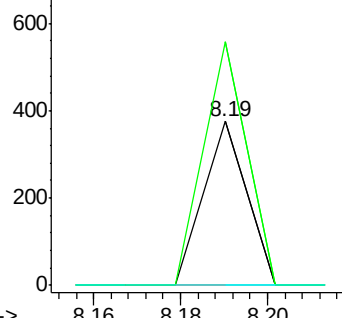
#28
bis(2-Chloroethoxy)methane
Concen: 0.01 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.24 min
Lab File: BF082594.D
Acq: 31 Oct 2015 2:01

Instrument :
BNA_F
ClientSampleId :
PB86309TB

Tgt Ion: 93 Resp: 258
Ion Ratio Lower Upper
93 100
95 148.4 26.6 40.0#
123 0.0 9.7 14.5#

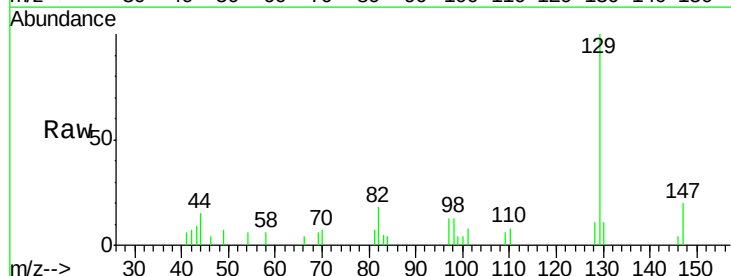


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

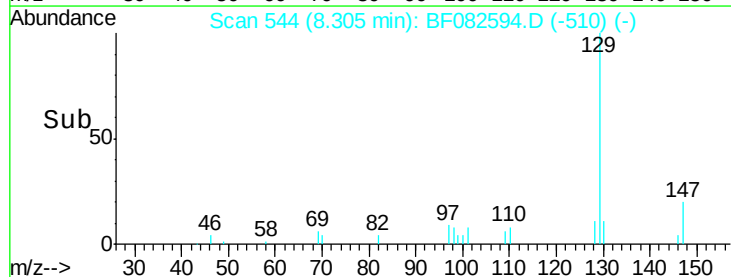
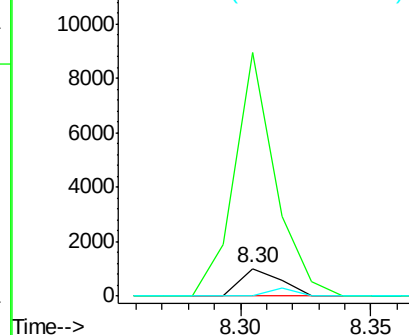


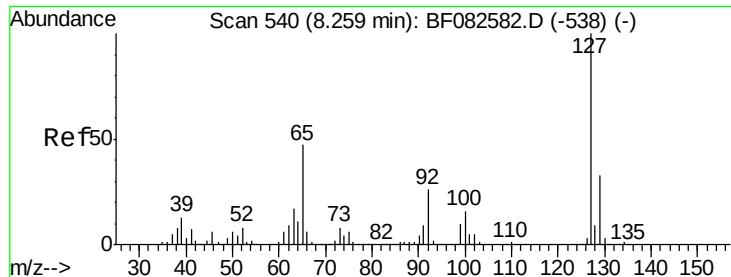
#31
Naphthalene
Concen: 0.03 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.09 min
Lab File: BF082594.D
Acq: 31 Oct 2015 2:01

Tgt Ion: 128 Resp: 1094
Ion Ratio Lower Upper
128 100
129 876.9 9.5 14.3#
127 0.0 11.4 17.0#



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

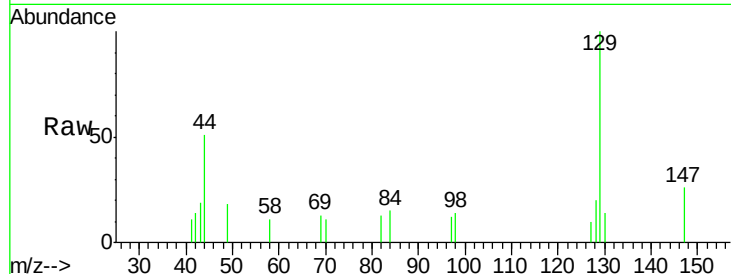




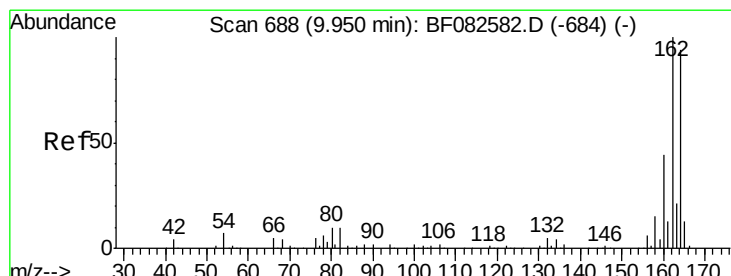
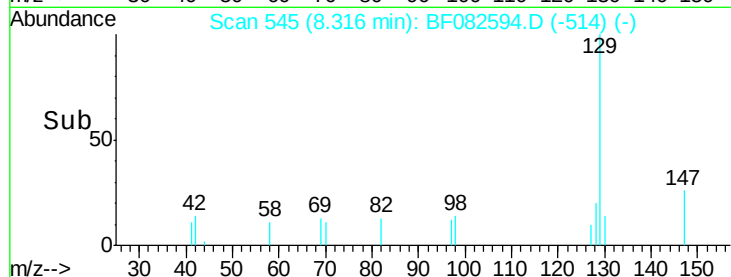
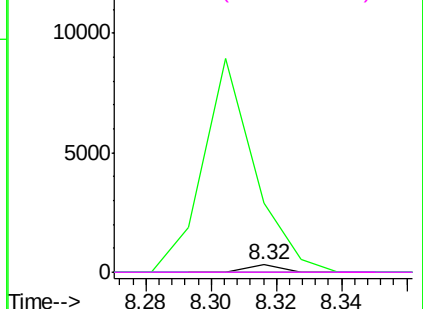
#33
4-Chloroaniline
Concen: 0.01 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.06 min
Lab File: BF082594.D
Acq: 31 Oct 2015 2:01

Instrument :
BNA_F
ClientSampleId :
PB86309TB

Tgt Ion	Ratio	Lower	Upper
127	100		
129	958.6	26.3	39.5#
65	0.0	37.8	56.8#
92	0.0	20.6	31.0#

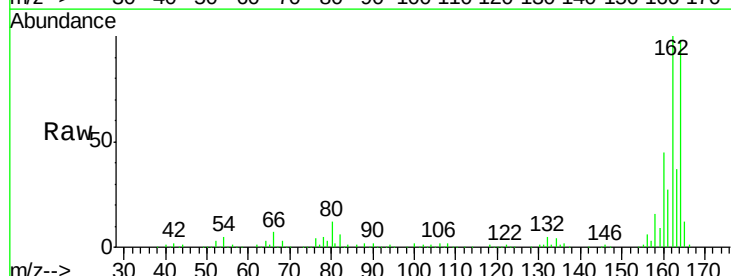


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

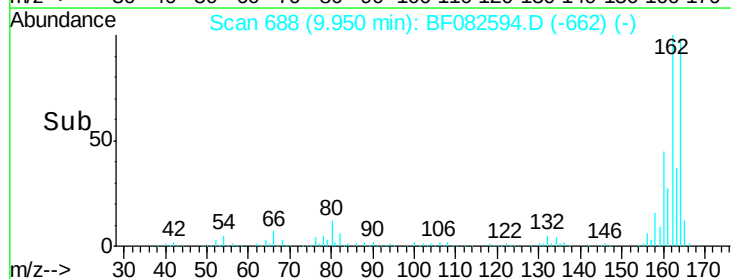
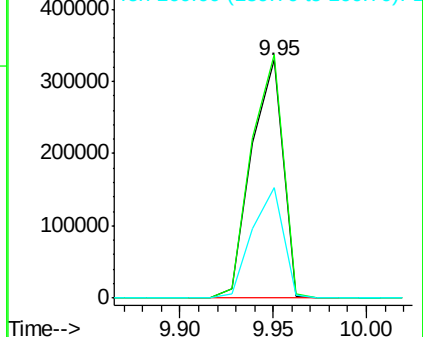


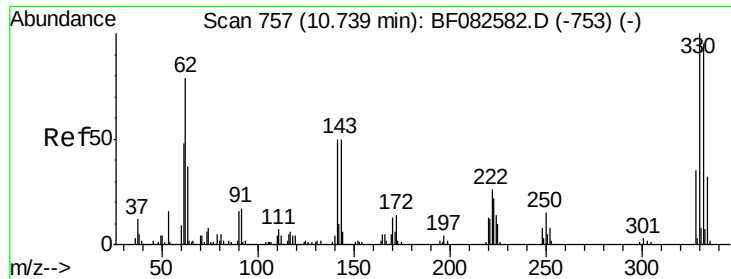
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082594.D
Acq: 31 Oct 2015 2:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	84.9	127.3
160	46.4	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

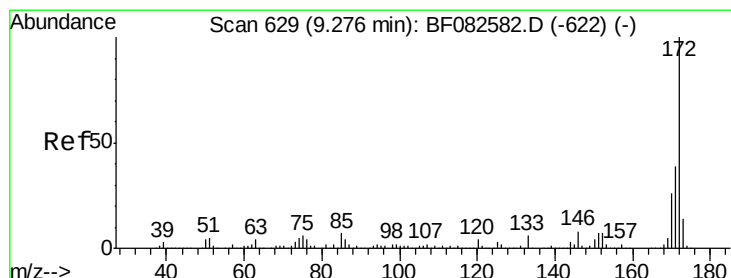
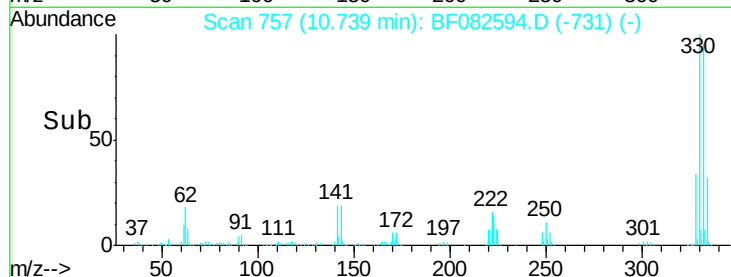
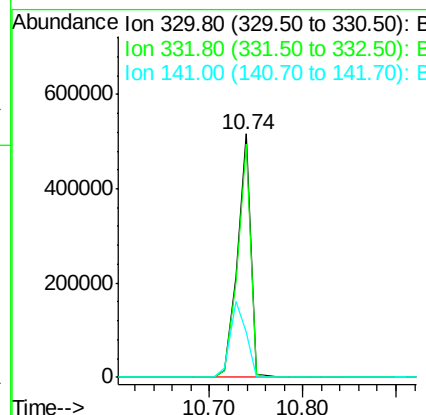
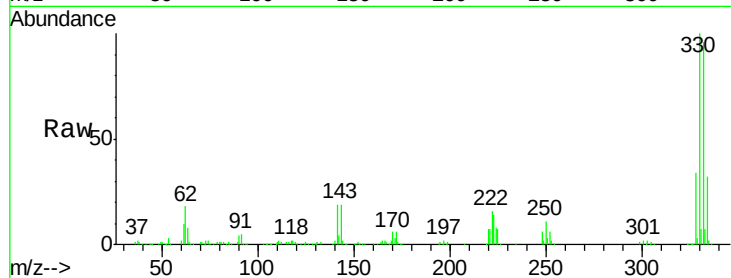




#41
 2,4,6-Tribromophenol
 Concen: 124.35 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082594.D
 Acq: 31 Oct 2015 2:01

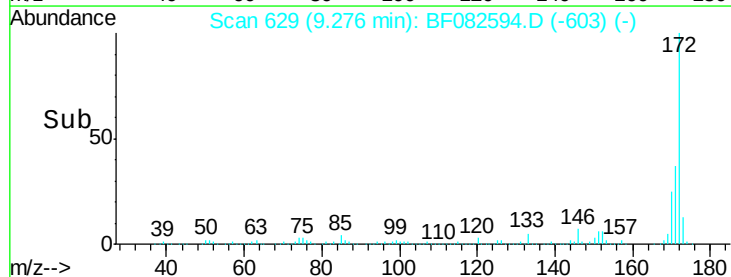
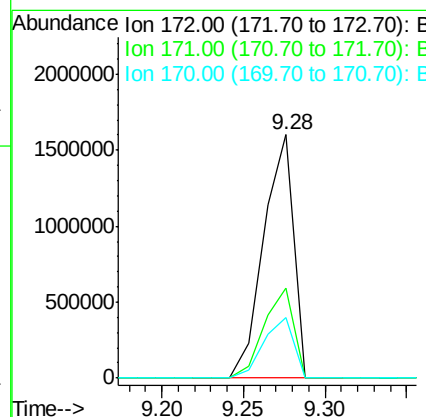
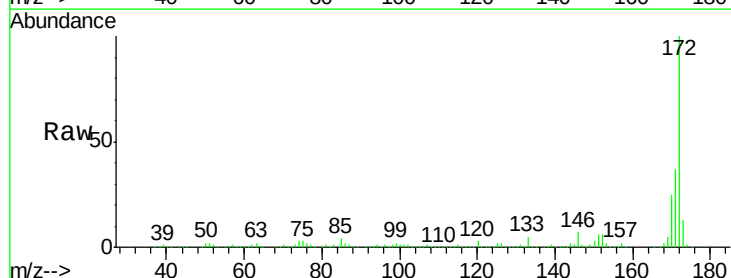
Instrument :
 BNA_F
 ClientSampleId :
 PB86309TB

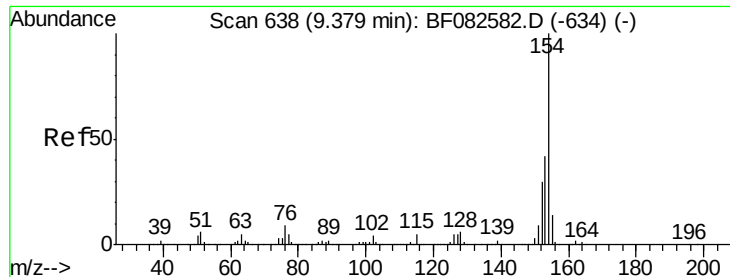
Tgt Ion:330 Resp: 522454
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 37.1 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 75.53 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082594.D
 Acq: 31 Oct 2015 2:01

Tgt Ion:172 Resp: 2042329
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 24.7 21.2 31.8

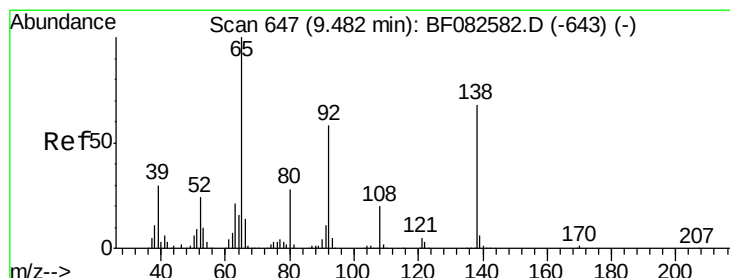
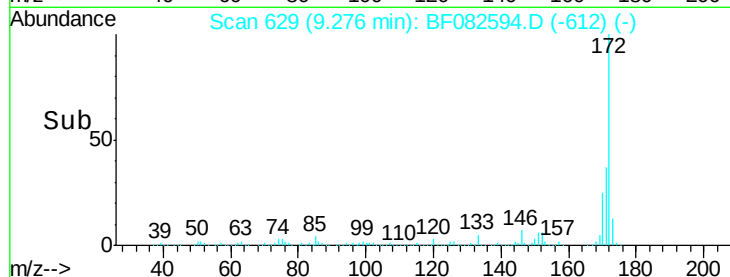
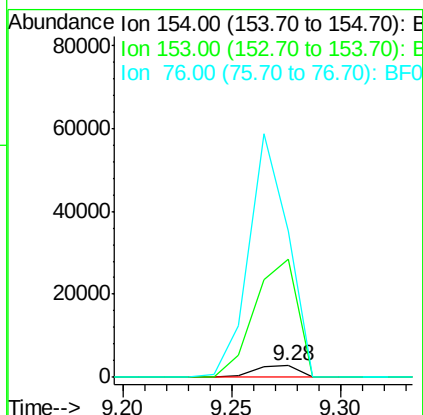
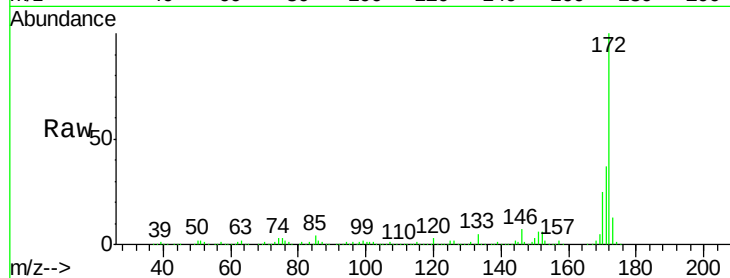




#45
 1,1'-Biphenyl
 Concen: 0.12 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.10 min
 Lab File: BF082594.D
 Acq: 31 Oct 2015 2:01

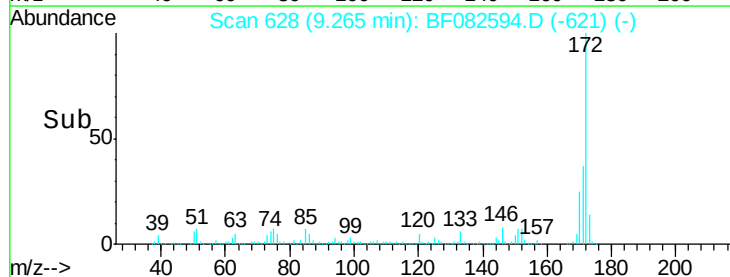
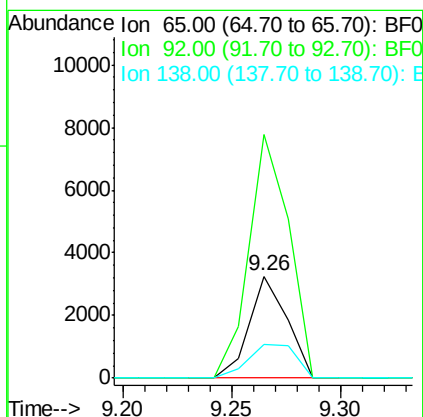
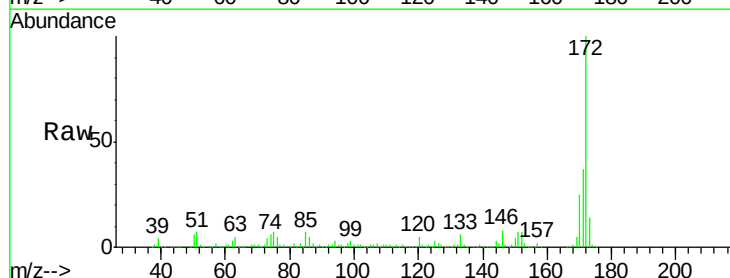
Instrument :
 BNA_F
 ClientSampleId :
 PB86309TB

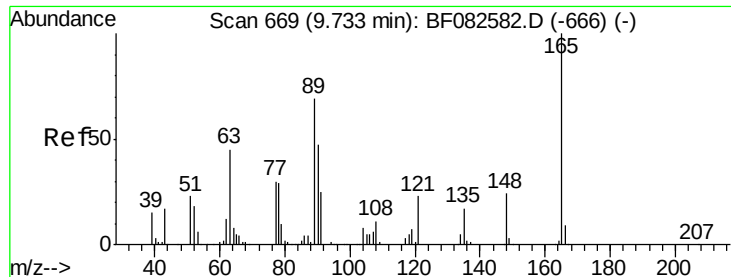
Tgt Ion: 154 Resp: 4034
 Ion Ratio Lower Upper
 154 100
 153 1012.4 22.0 62.0#
 76 1248.0 0.0 29.0#



#47
 2-Nitroaniline
 Concen: 0.40 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.22 min
 Lab File: BF082594.D
 Acq: 31 Oct 2015 2:01

Tgt Ion: 65 Resp: 3946
 Ion Ratio Lower Upper
 65 100
 92 239.7 46.6 70.0#
 138 33.5 54.6 81.8#

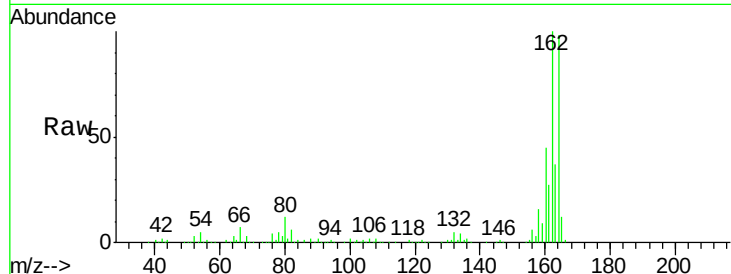




#50
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.22 min
Lab File: BF082594.D
Acq: 31 Oct 2015 2:01

Instrument :
BNA_F
ClientSampleId :
PB86309TB

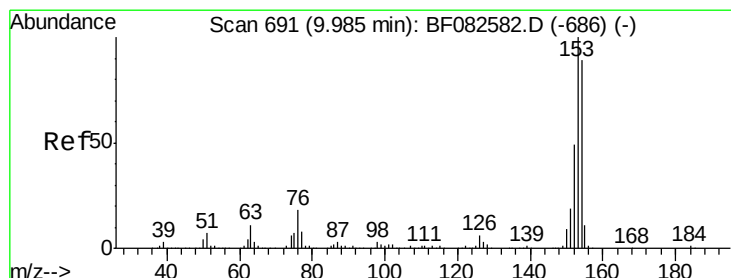
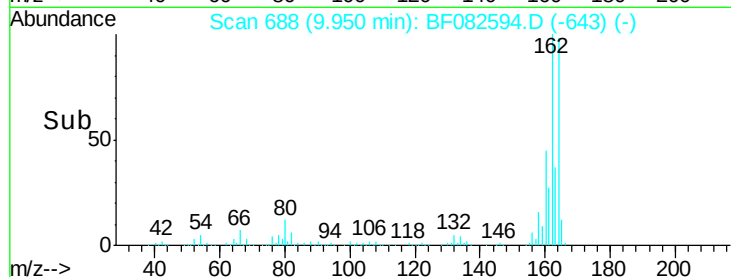
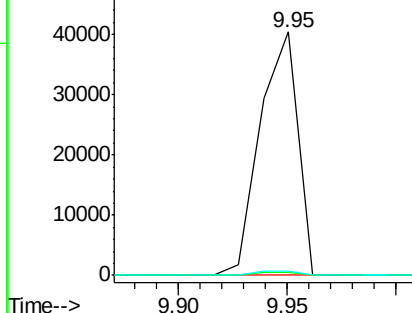
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	55.5	83.3#
89	1.9	55.0	82.6#



Abundance Ion 165.00 (164.70 to 165.70): E

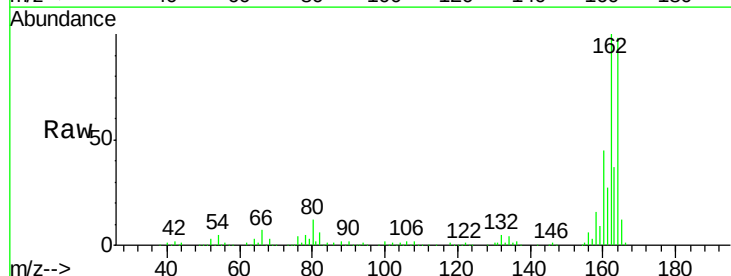
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
Acenaphthene
Concen: 0.06 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF082594.D
Acq: 31 Oct 2015 2:01

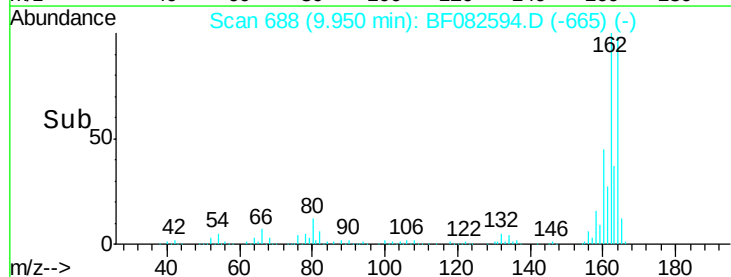
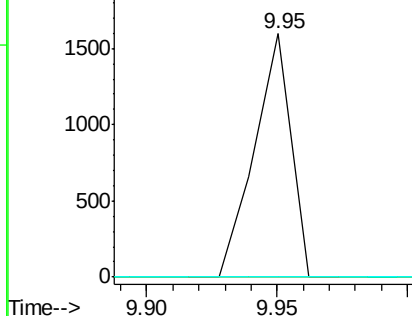
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	44.3	66.5#

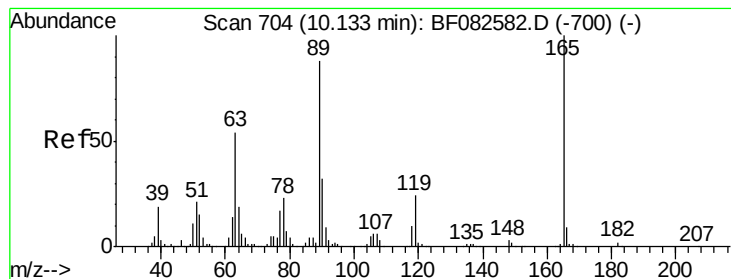


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#56

2,4-Dinitrotoluene

Concen: 5.60 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.18 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

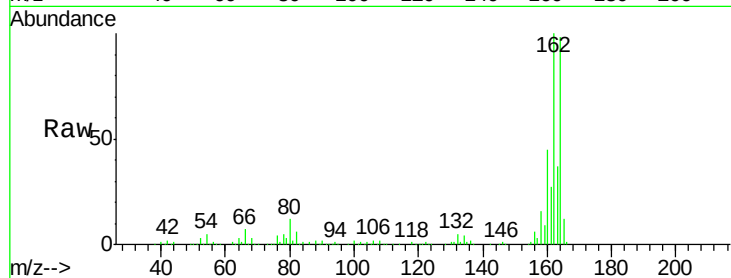
Instrument :

BNA_F

ClientSampleId :

PB86309TB

Tgt Ion:	165	Resp:	49214
Ion Ratio	Lower	Upper	
165	100		
63	1.5	43.4	65.0#
89	1.9	70.6	106.0#
182	0.0	1.5	2.3#

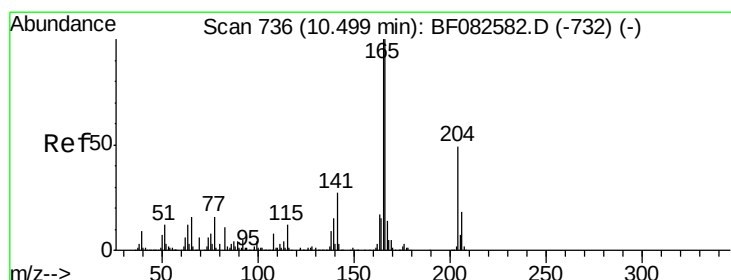
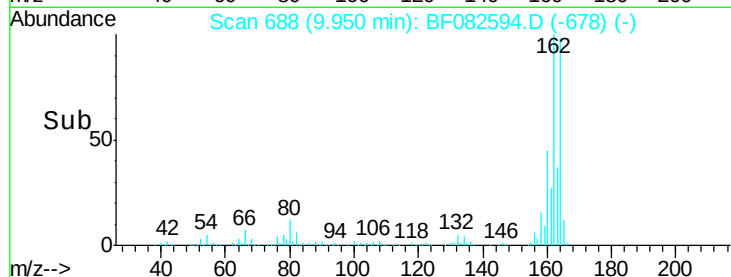
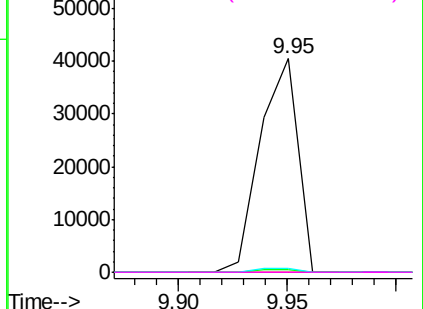


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: 0.56 ng

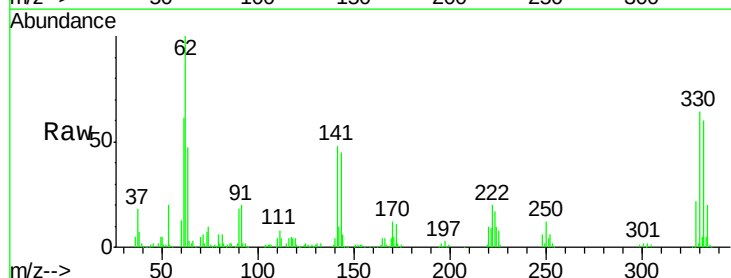
RT: 10.73 min Scan# 756

Delta R.T. 0.23 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

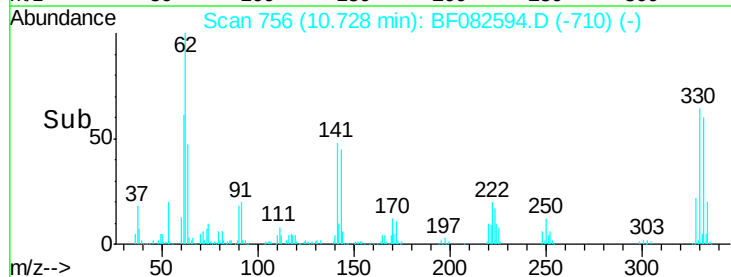
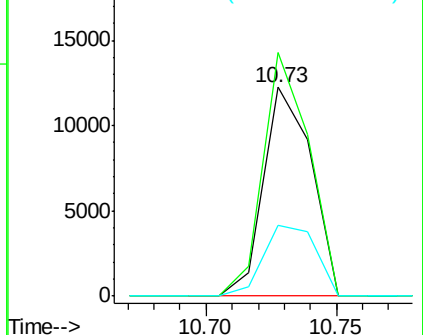
Tgt Ion:	166	Resp:	15624
Ion Ratio	Lower	Upper	
166	100		
165	116.8	80.2	120.4
167	34.2	11.2	16.8#

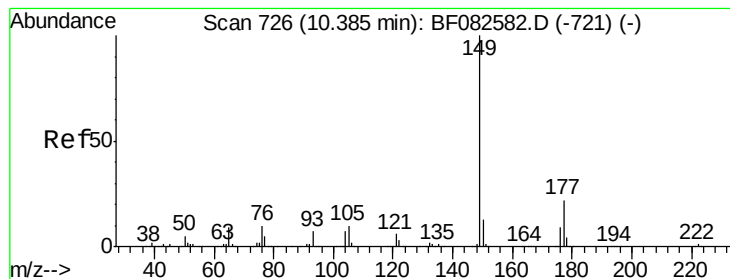


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 0.03 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

Instrument :

BNA_F

ClientSampleId :

PB86309TB

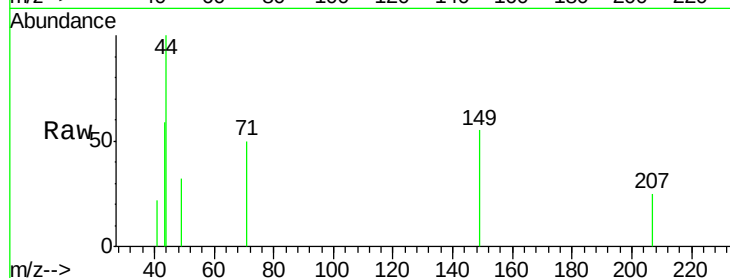
Tgt Ion: 149 Resp: 1038

Ion Ratio Lower Upper

149 100

177 0.0 17.9 26.9#

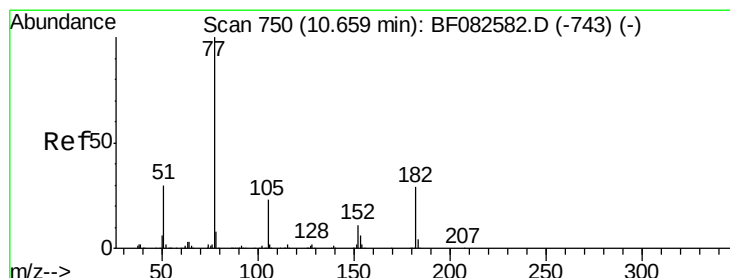
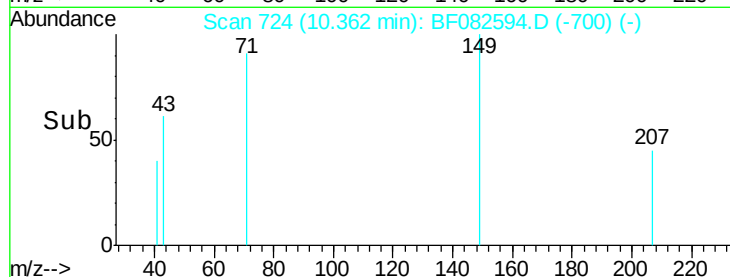
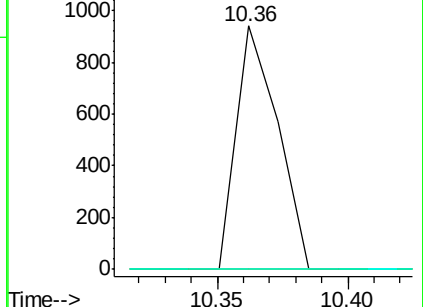
150 0.0 10.1 15.1#



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: BF082594.D

Acq: 31 Oct 2015 2:01

Tgt Ion: 77 Resp: 3003

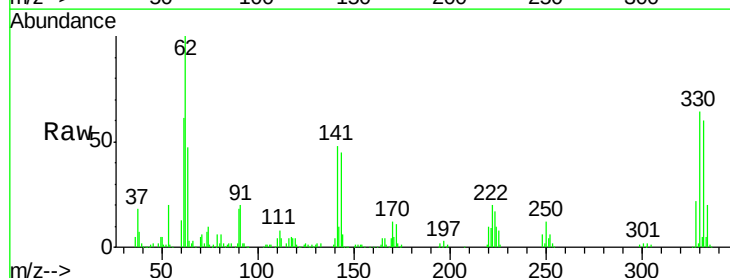
Ion Ratio Lower Upper

77 100

182 0.0 9.3 49.3#

105 79.7 2.6 42.6#

51 110.2 9.9 49.9#

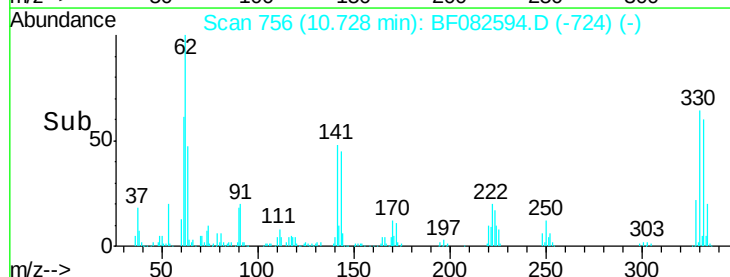
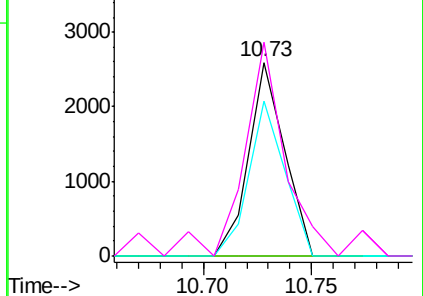


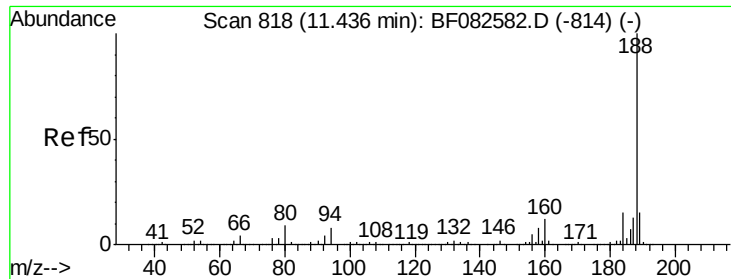
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF082594.D

Acq: 31 Oct 2015 2:01

Instrument :

BNA_F

ClientSampleId :

PB86309TB

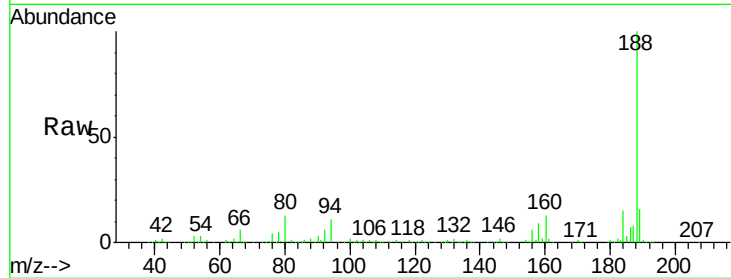
Tgt Ion:188 Resp: 700323

Ion Ratio Lower Upper

188 100

94 10.9 6.1 9.1#

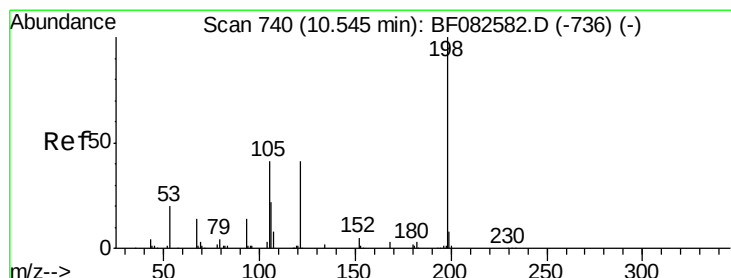
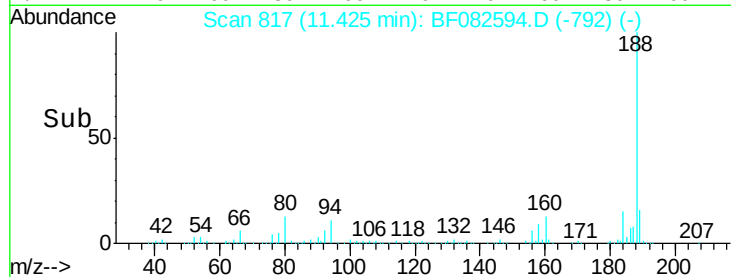
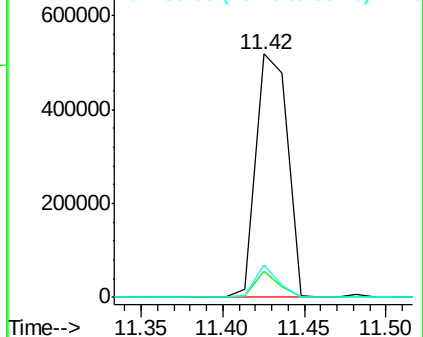
80 13.2 7.0 10.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 0.28 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.20 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

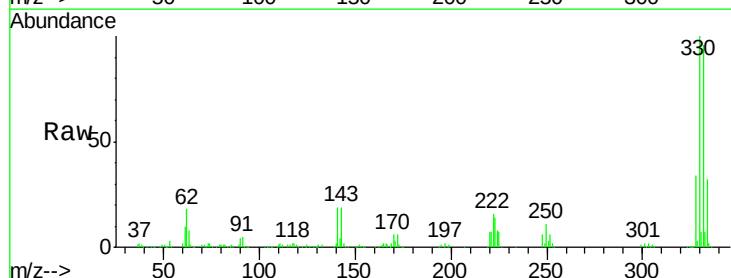
Tgt Ion:198 Resp: 1199

Ion Ratio Lower Upper

198 100

51 92.0 17.3 57.3#

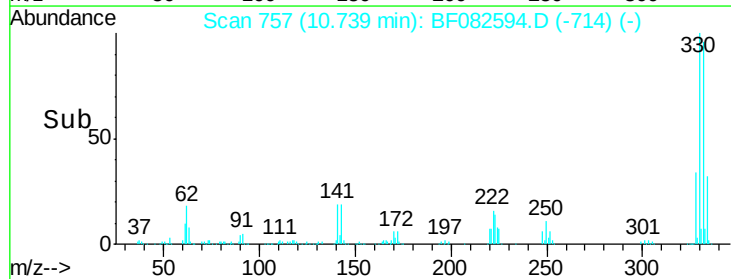
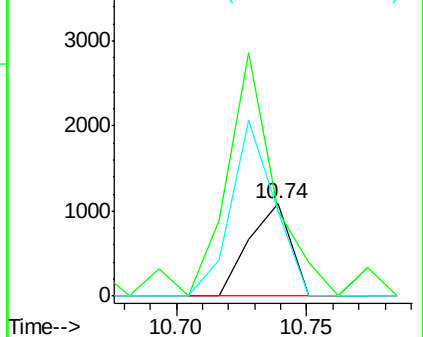
105 91.8 21.7 61.7#

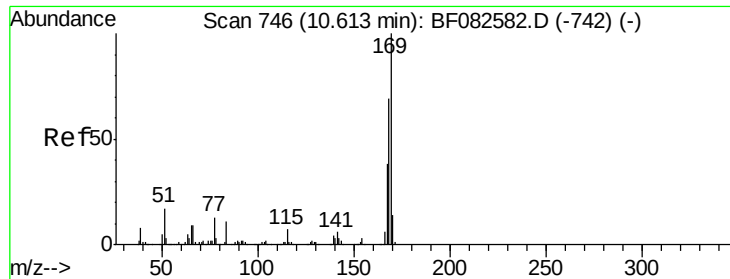


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

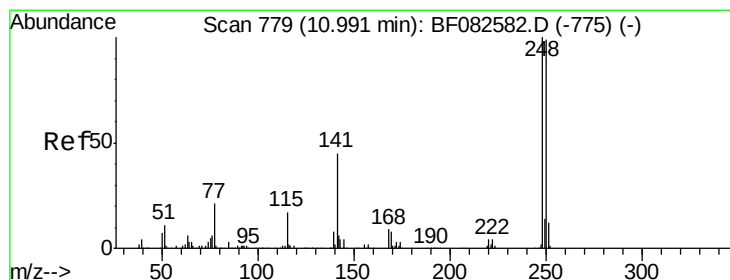
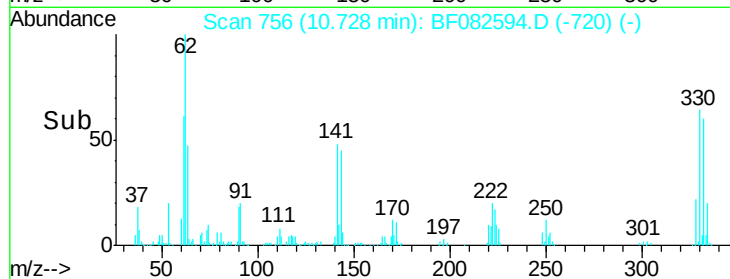
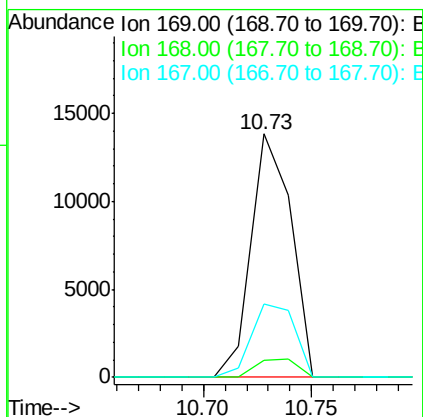
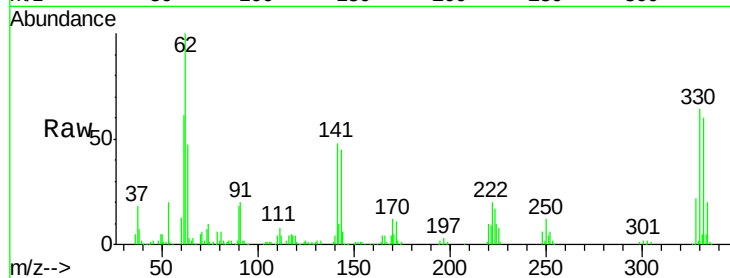




#65
n-Nitrosodiphenylamine
Concen: 0.74 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.11 min
Lab File: BF082594.D
Acq: 31 Oct 2015 2:01

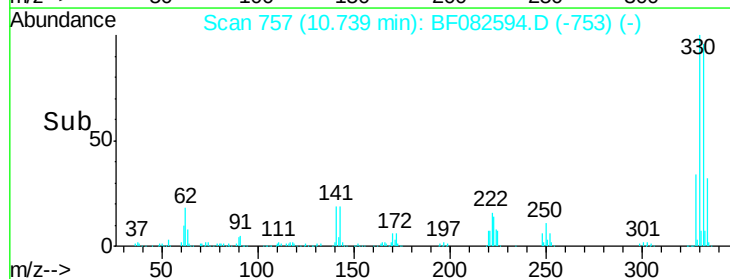
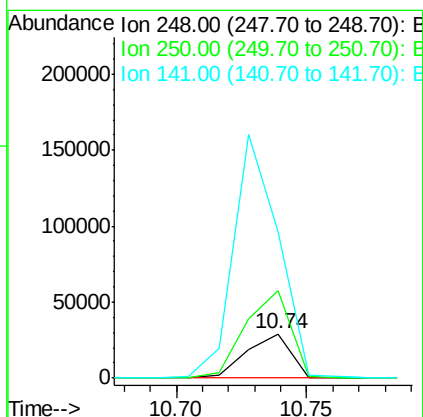
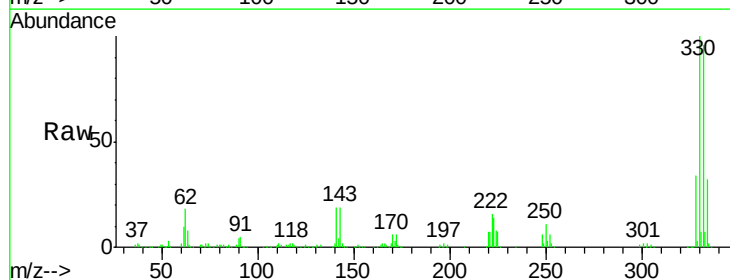
Instrument :
BNA_F
ClientSampleId :
PB86309TB

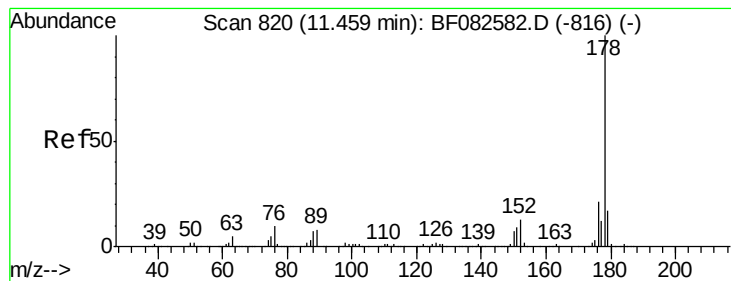
Tgt Ion:169 Resp: 17777
Ion Ratio Lower Upper
169 100
168 7.1 55.0 82.6#
167 30.2 30.5 45.7#



#66
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF082594.D
Acq: 31 Oct 2015 2:01

Tgt Ion:248 Resp: 34468
Ion Ratio Lower Upper
248 100
250 196.0 79.4 119.2#
141 329.8 36.3 54.5#





#70

Phenanthrene

Concen: 0.01 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

Instrument :

BNA_F

ClientSampleId :

PB86309TB

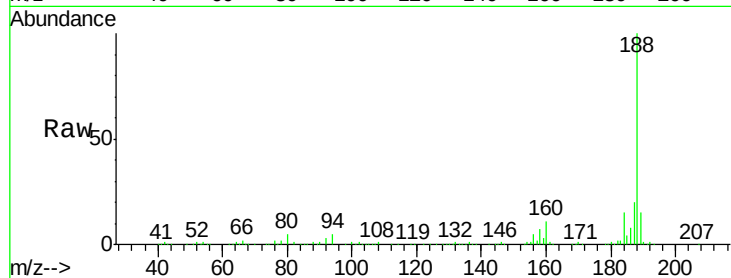
Tgt Ion:178 Resp: 255

Ion Ratio Lower Upper

178 100

176 0.0 17.0 25.4#

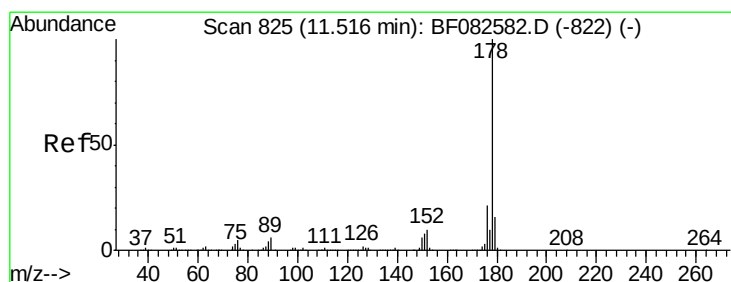
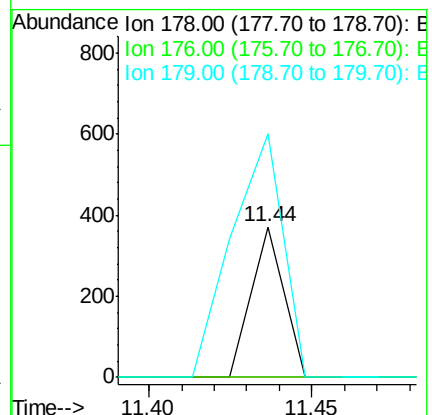
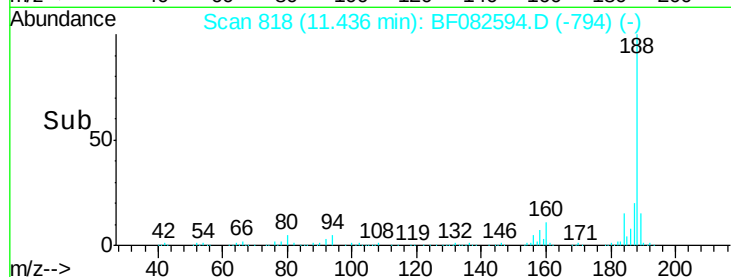
179 161.6 13.4 20.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.01 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.08 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

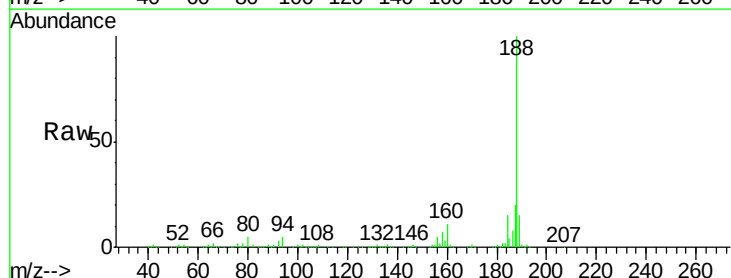
Tgt Ion:178 Resp: 255

Ion Ratio Lower Upper

178 100

176 0.0 16.5 24.7#

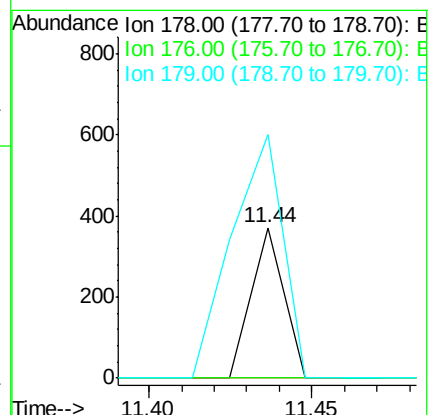
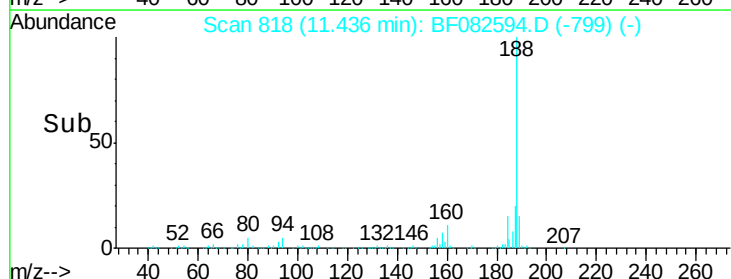
179 161.6 13.2 19.8#

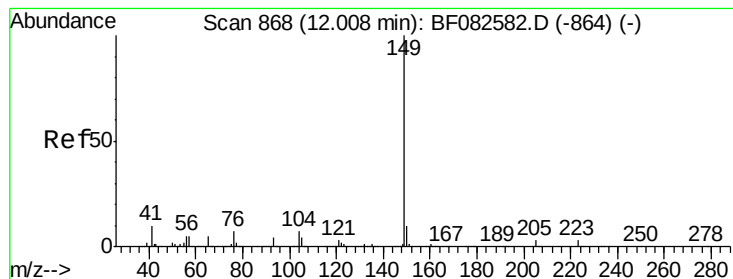


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.04 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

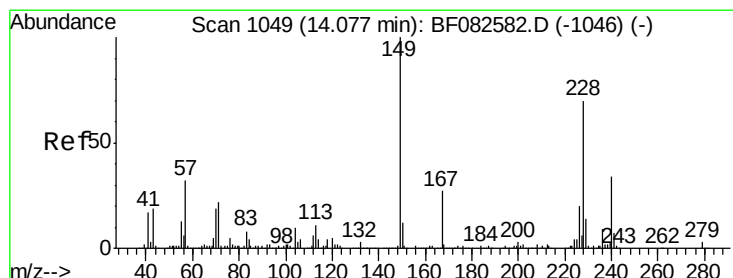
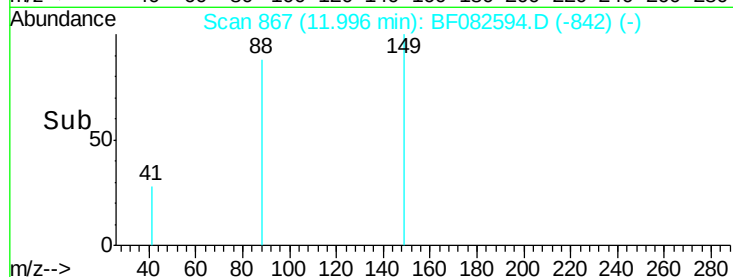
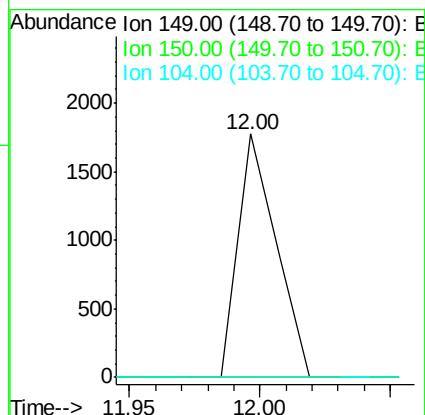
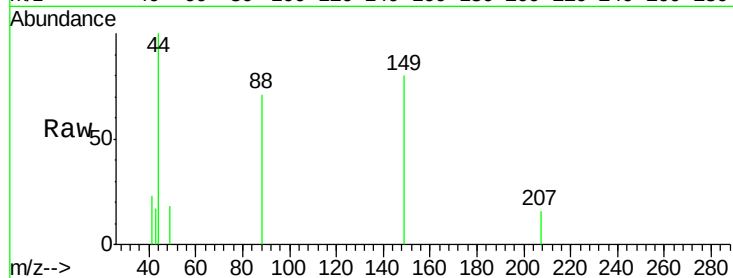
Instrument :

BNA_F

ClientSampleId :

PB86309TB

Tgt Ion:	149	Resp:	1816
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

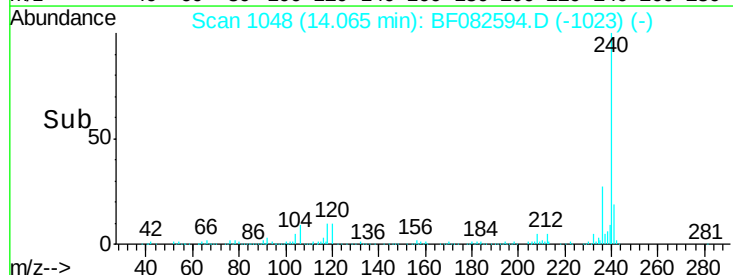
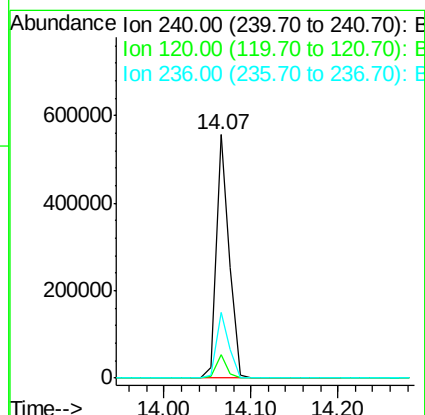
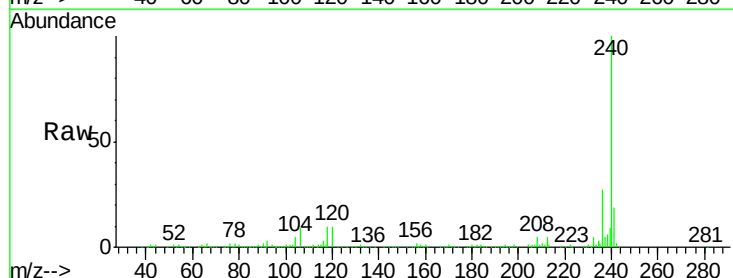
RT: 14.07 min Scan# 1048

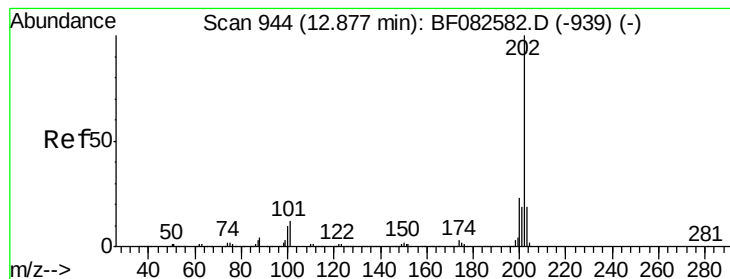
Delta R.T. -0.01 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

Tgt Ion:	240	Resp:	581608
Ion Ratio	Lower	Upper	
240	100		
120	9.8	10.9	16.3#
236	26.8	21.6	32.4





#77

Pyrene

Concen: 0.17 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.15 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

Instrument :

BNA_F

ClientSampleId :

PB86309TB

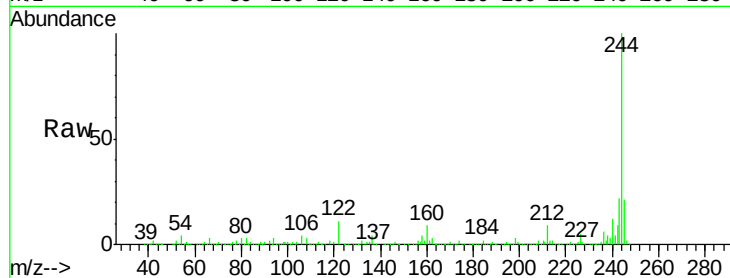
Tgt Ion:202 Resp: 7361

Ion Ratio Lower Upper

202 100

200 51.9 18.7 28.1#

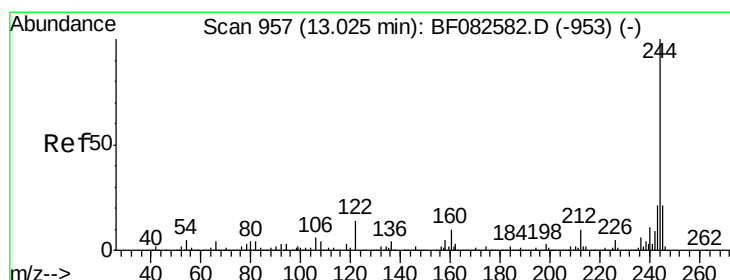
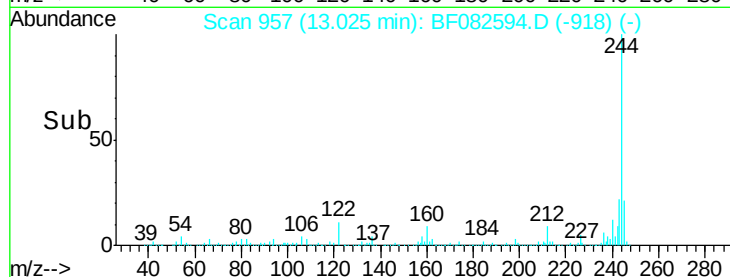
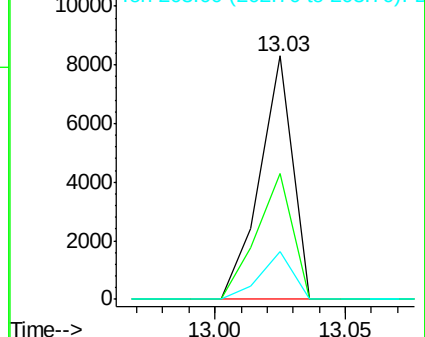
203 19.7 14.8 22.2



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: 73.15 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

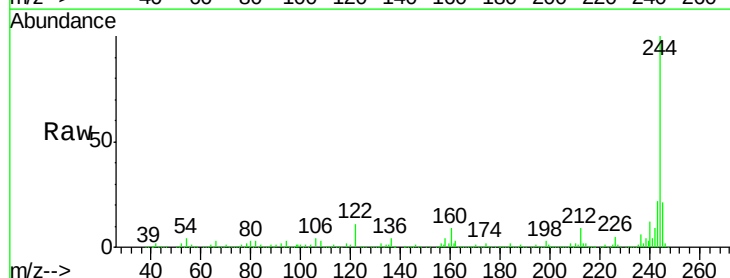
Tgt Ion:244 Resp: 1943978

Ion Ratio Lower Upper

244 100

212 9.2 7.6 11.4

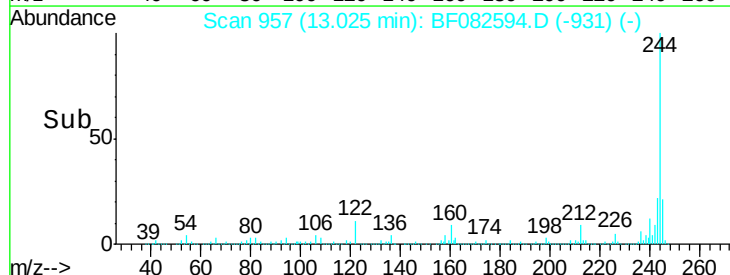
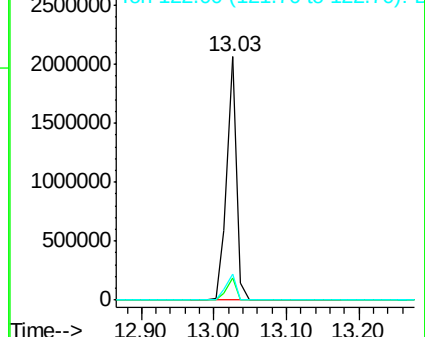
122 10.9 11.3 16.9#

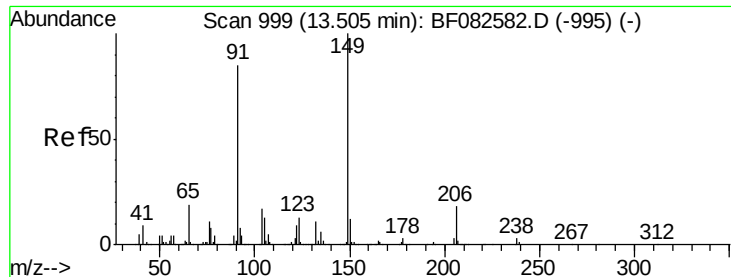


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

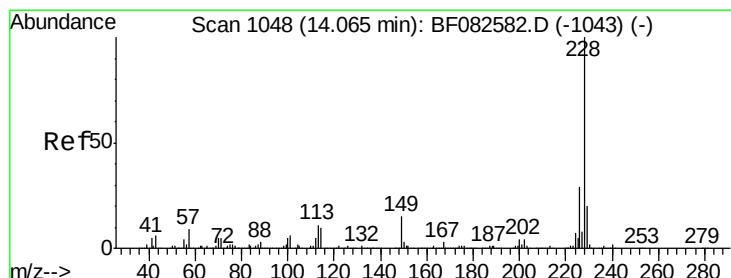
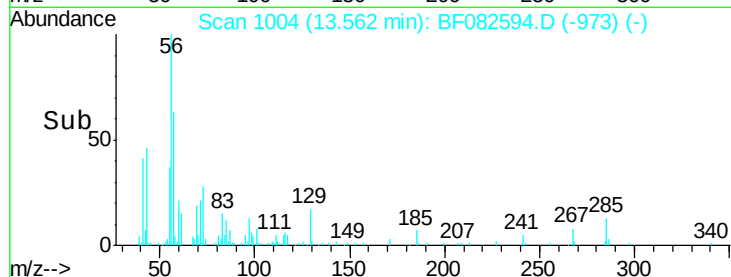
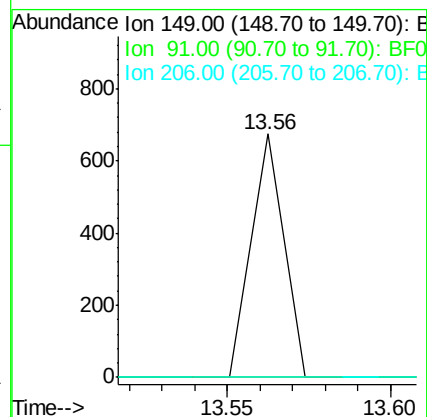
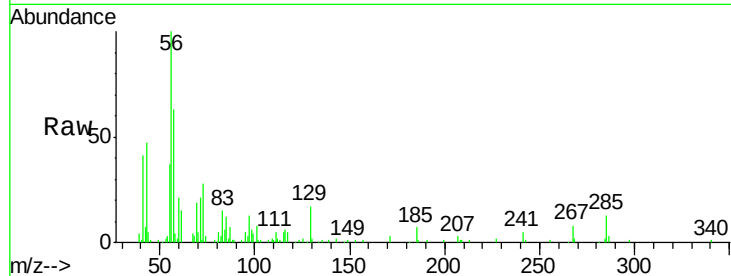




#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 13.56 min Scan# 1004
Delta R.T. 0.06 min
Lab File: BF082594.D
Acq: 31 Oct 2015 2:01

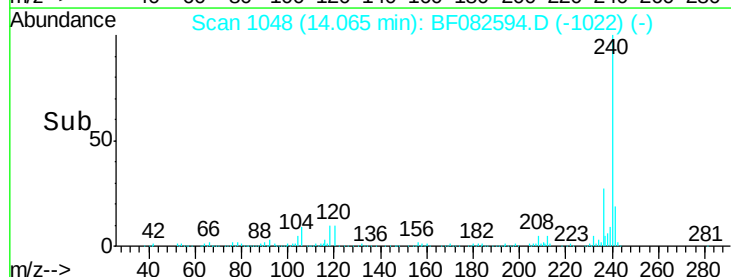
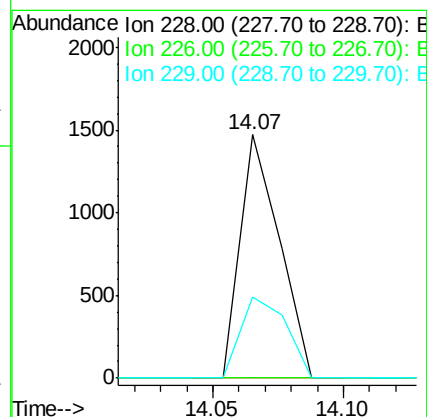
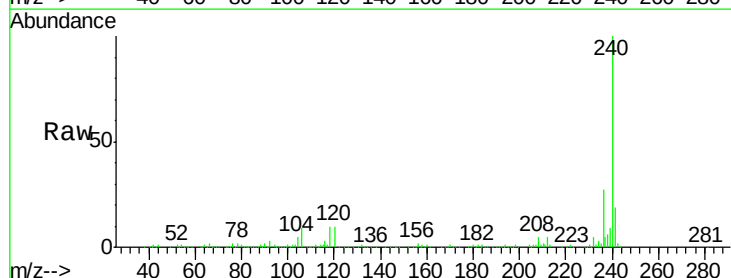
Instrument :
BNA_F
ClientSampleId :
PB86309TB

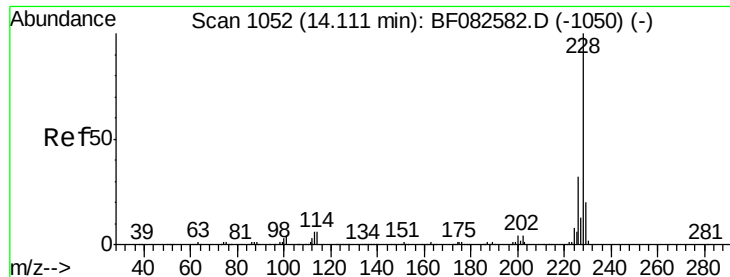
Tgt Ion:149 Resp: 463
Ion Ratio Lower Upper
149 100
91 0.0 67.7 101.5#
206 0.0 14.6 22.0#



#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF082594.D
Acq: 31 Oct 2015 2:01

Tgt Ion:228 Resp: 1547
Ion Ratio Lower Upper
228 100
226 0.0 23.4 35.2#
229 33.3 16.3 24.5#





#82

Chrysene

Concen: 0.05 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.05 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

Instrument :

BNA_F

ClientSampleId :

PB86309TB

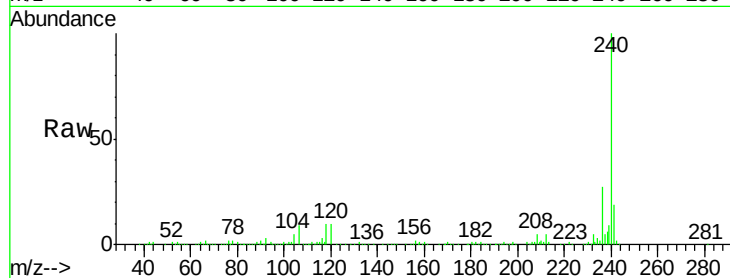
Tgt Ion:228 Resp: 1547

Ion Ratio Lower Upper

228 100

226 0.0 25.5 38.3#

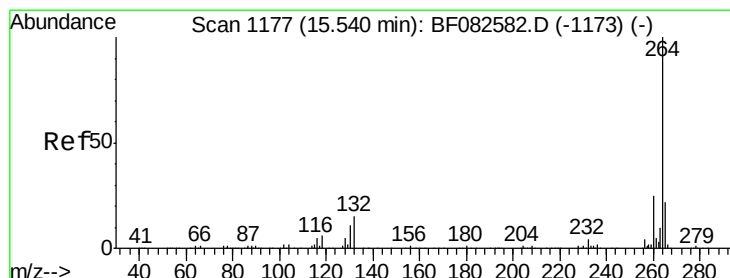
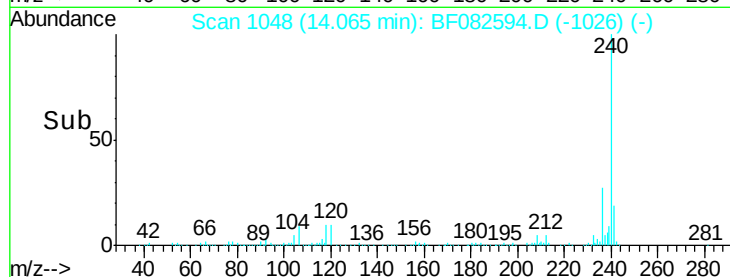
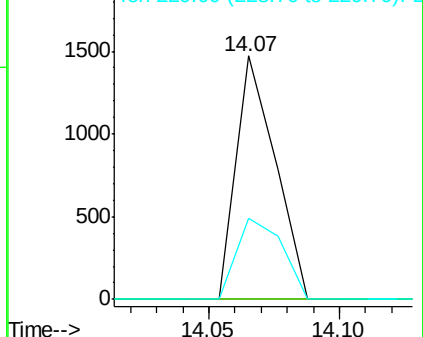
229 33.3 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF082594.D

Acq: 31 Oct 2015 2:01

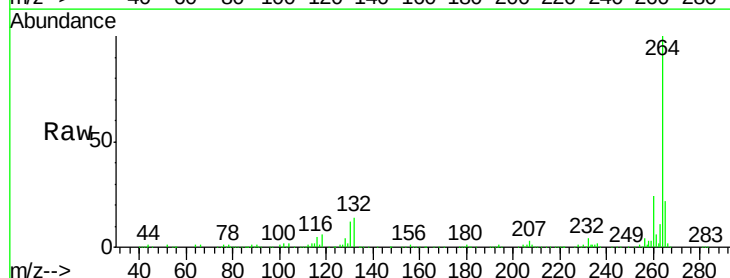
Tgt Ion:264 Resp: 455366

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

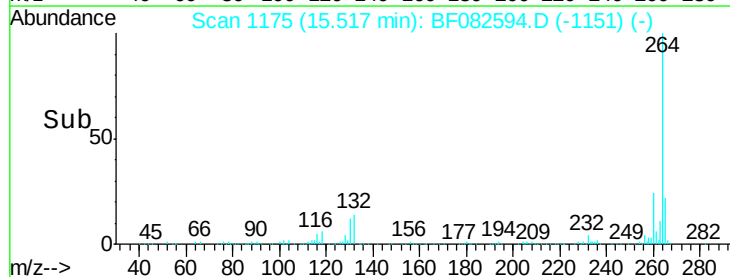
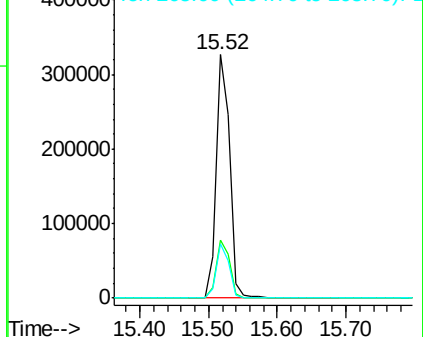
265 22.3 17.4 26.0

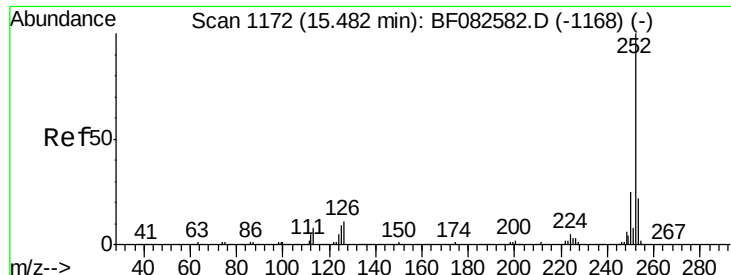


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.07 ng

RT: 15.52 min Scan# 1175

Delta R.T. 0.03 min

Lab File: BF082594.D

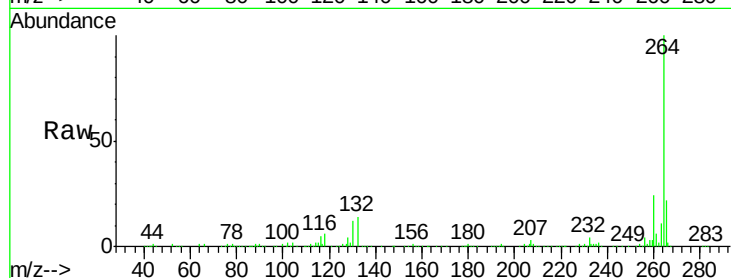
Acq: 31 Oct 2015 2:01

Instrument :

BNA_F

ClientSampleId :

PB86309TB



Tgt Ion:	252	Resp:	1730
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.3	25.9#
125	0.0	7.1	10.7#

