

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082587.D
 Acq On : 30 Oct 2015 22:31
 Operator : UM/IZ
 Sample : PB86326BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BL

Quant Time: Oct 31 03:12:33 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	187857	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	770424	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	393567	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	736577	20.00	ng	0.00
75) Chrysene-d12	14.08	240	602710	20.00	ng	0.00
86) Perylene-d12	15.53	264	450201	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1036126	83.07	ng	0.01
7) Phenol-d6	6.52	99	1217940	73.50	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1255016	66.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	333034	77.32	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2268579	81.84	ng	0.00
78) Terphenyl-d14	13.03	244	1913496	69.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	705	0.12	ng	# 20
4) n-Nitrosodimethylamine	3.21	42	246	0.03	ng	# 1
6) Aniline	6.67	93	1571	0.07	ng	# 1
8) 2-Chlorophenol	6.67	128	412	0.03	ng	# 1
9) Benzaldehyde	6.67	77	32376	2.86	ng	94
10) Phenol	6.67	94	2845	0.15	ng	# 1
11) bis(2-Chloroethyl)ether	6.67	93	1571	0.11	ng	# 1
15) Benzyl Alcohol	7.06	79	24189	1.57	ng	# 63
17) 2-Methylphenol	7.06	107	211	0.02	ng	# 1
19) n-Nitroso-di-n-propylamine	7.46	70	179581	14.30	ng	# 76
20) 3+4-Methylphenols	7.06	107	211	0.01	ng	# 1
22) Acetophenone	7.06	105	321	0.01	ng	# 1
24) Nitrobenzene	7.46	77	3949	0.21	ng	# 35
31) Naphthalene	8.30	128	902	0.02	ng	# 1
32) Benzoic acid	8.19	122	274	0.03	ng	# 1
45) 1,1'-Biphenyl	9.28	154	4502	0.14	ng	# 1
47) 2-Nitroaniline	9.26	65	4426	0.44	ng	# 1
50) 2,6-Dinitrotoluene	9.95	165	49939	7.50	ng	# 17
51) Acenaphthene	9.95	154	1586	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.95	165	49941	5.54	ng	# 16
57) Fluorene	10.73	166	11473	0.40	ng	# 93
59) Diethylphthalate	10.36	149	1064	0.03	ng	# 59
62) Azobenzene	10.73	77	2123	0.06	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.73	198	916	0.21	ng	# 1
65) n-Nitrosodiphenylamine	10.73	169	12123	0.48	ng	# 48
66) 4-Bromophenyl-phenylether	10.73	248	20239	2.42	ng	# 1
70) Phenanthrene	11.42	178	745	0.02	ng	# 58
71) Anthracene	11.42	178	745	0.02	ng	# 58
73) Di-n-butylphthalate	12.00	149	1225	0.03	ng	# 76
74) Fluoranthene	12.87	202	211	0.00	ng	# 1
77) Pyrene	13.03	202	7762	0.17	ng	# 66
80) Benzo(a)anthracene	14.07	228	2258	0.06	ng	# 64
82) Chrysene	14.07	228	2258	0.07	ng	# 61
83) Bis(2-ethylhexyl)phthalate	14.08	149	338	0.01	ng	# 10

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Response via : Initial Calibration

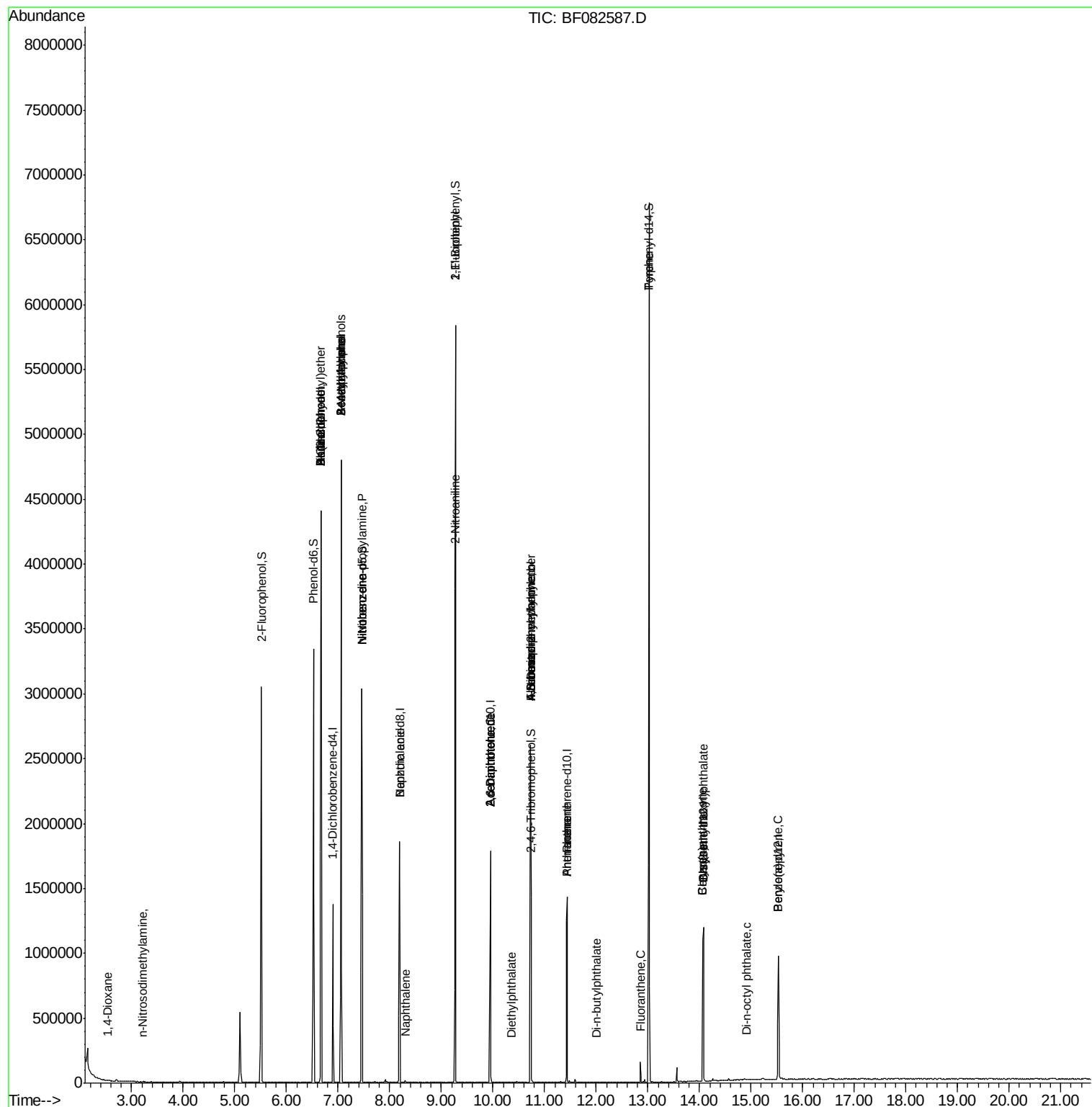
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.92	149	245	0.01	ng	# 71
89) Benzo(a)pyrene	15.53	252	1510	0.06	ng	# 64

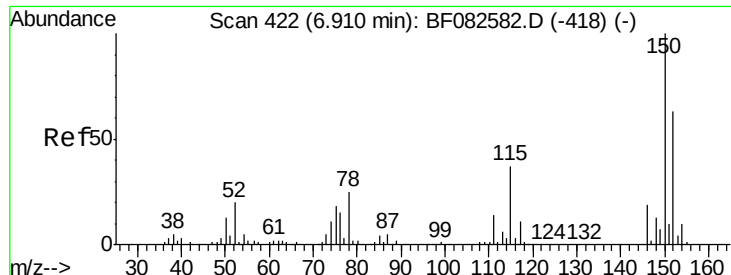
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

BNA_F

ClientSampleId :

PB86326BL

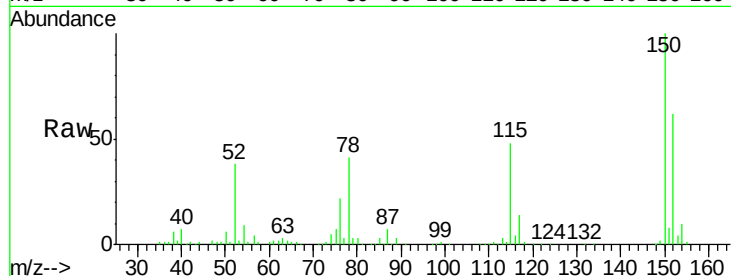
Tgt Ion: 152 Resp: 187857

Ion Ratio Lower Upper

152 100

150 161.5 127.0 190.4

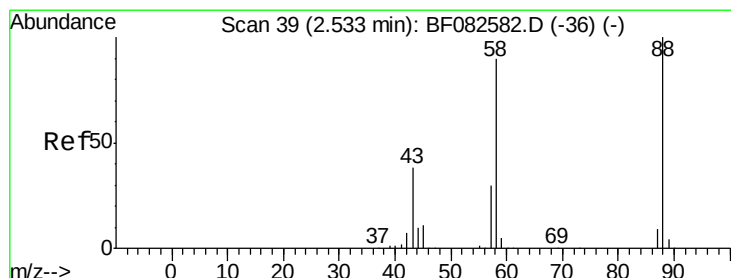
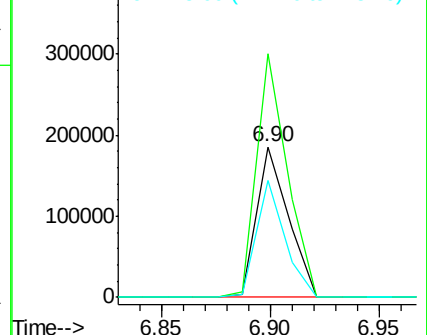
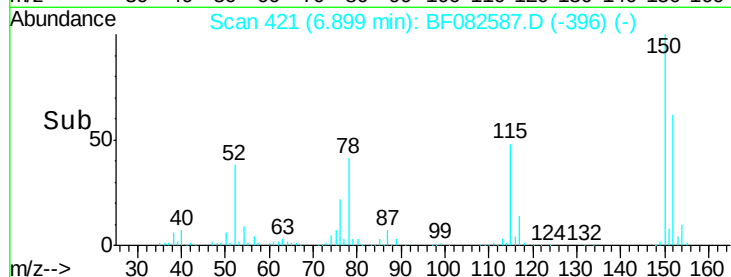
115 77.4 47.0 70.6#



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: 0.12 ng

RT: 2.54 min Scan# 40

Delta R.T. 0.01 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

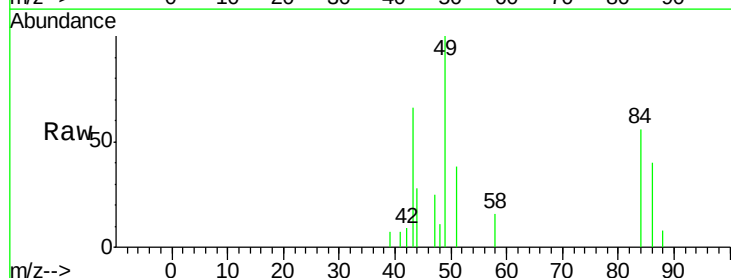
Tgt Ion: 88 Resp: 705

Ion Ratio Lower Upper

88 100

58 0.0 62.0 93.0#

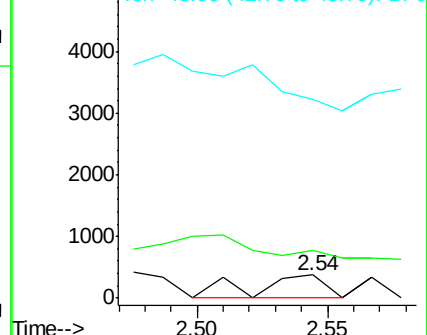
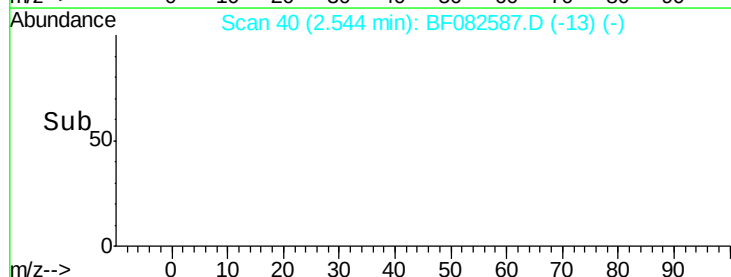
43 0.0 26.6 40.0#

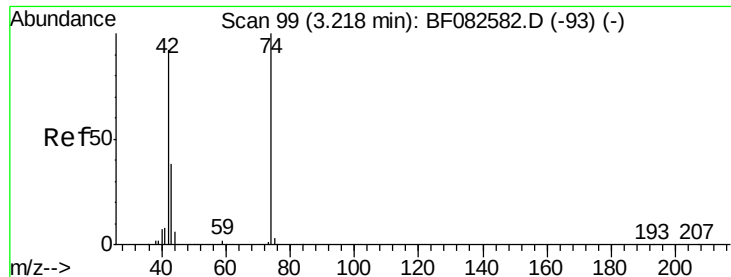


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.01 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

BNA_F

ClientSampleId :

PB86326BL

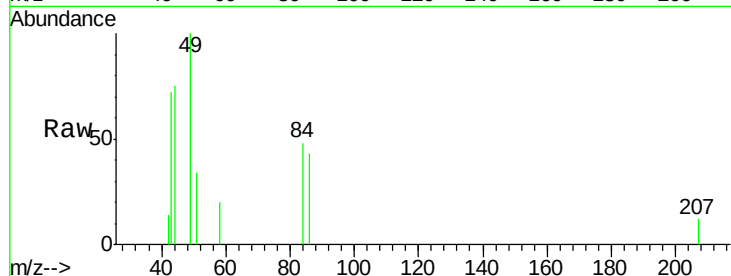
Tgt Ion: 42 Resp: 246

Ion Ratio Lower Upper

42 100

74 0.0 87.0 130.4#

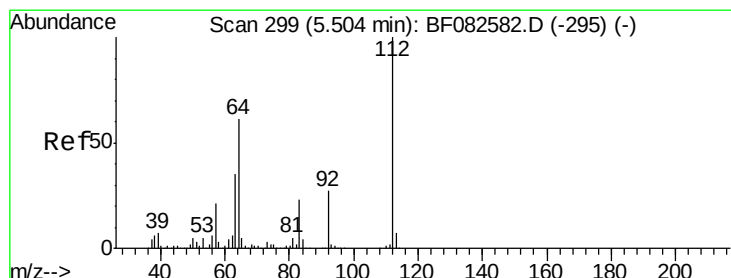
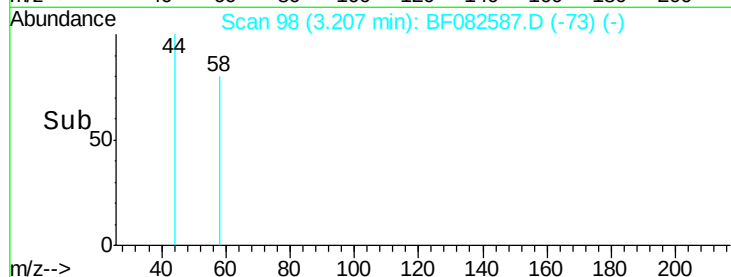
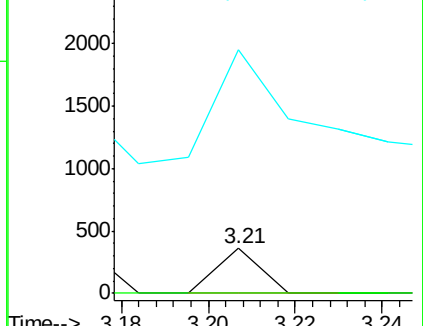
44 545.0 5.8 8.8#



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: 83.07 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

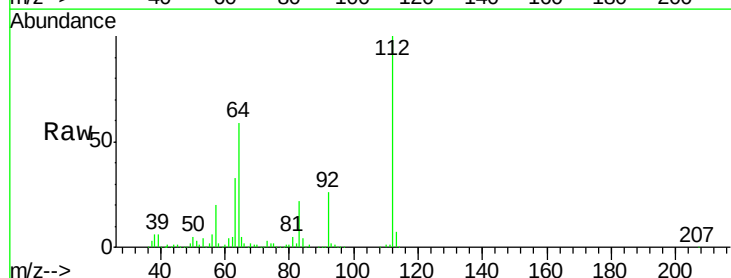
Tgt Ion: 112 Resp: 1036126

Ion Ratio Lower Upper

112 100

64 58.7 48.9 73.3

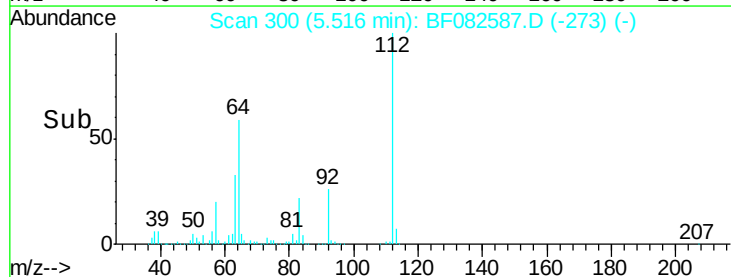
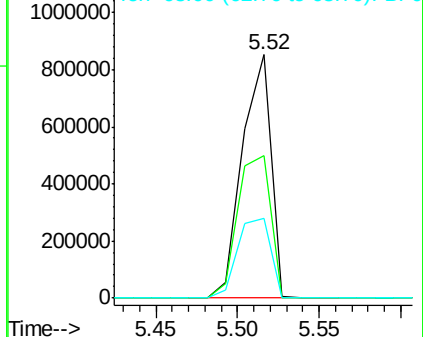
63 32.6 28.1 42.1

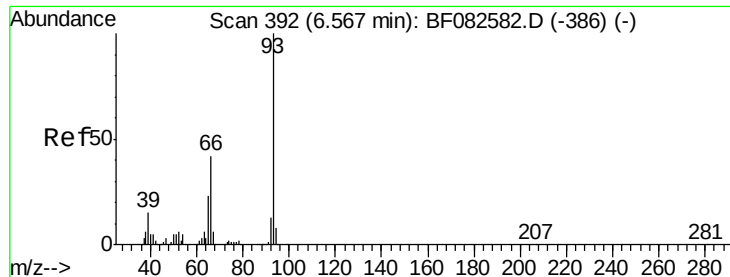


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.07 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.10 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

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ClientSampleId :

PB86326BL

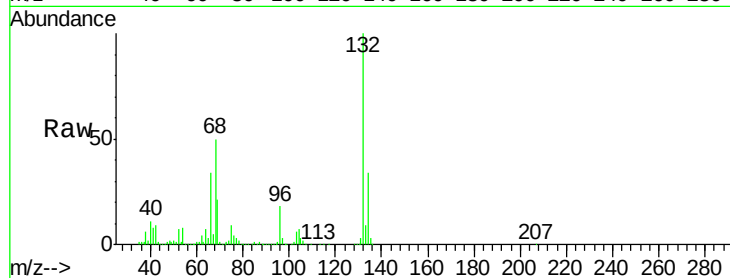
Tgt Ion: 93 Resp: 1571

Ion Ratio Lower Upper

93 100

66 21581.2 33.6 50.4#

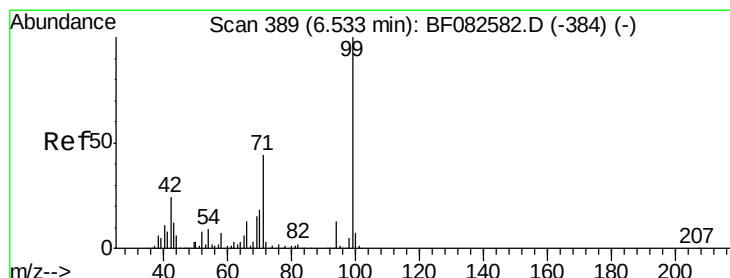
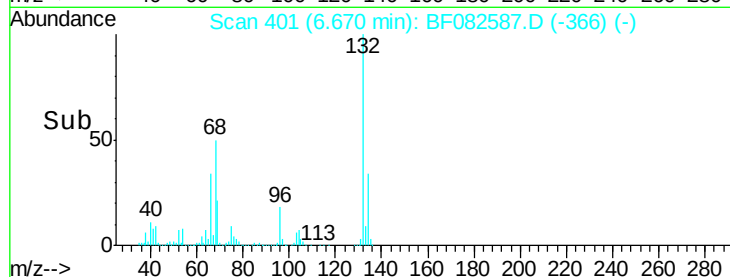
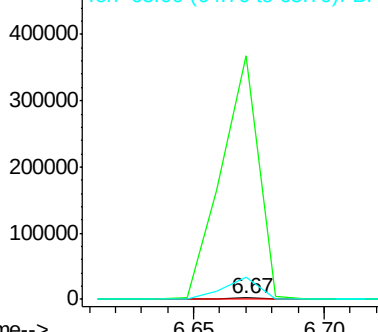
65 1972.3 18.1 27.1#



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: 73.50 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

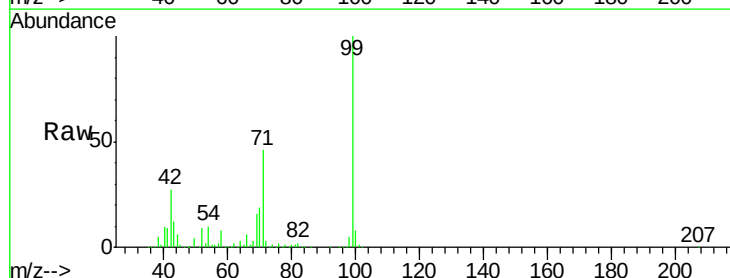
Tgt Ion: 99 Resp: 1217940

Ion Ratio Lower Upper

99 100

42 26.6 19.2 28.8

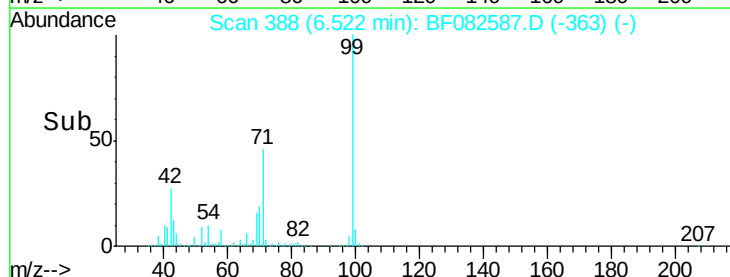
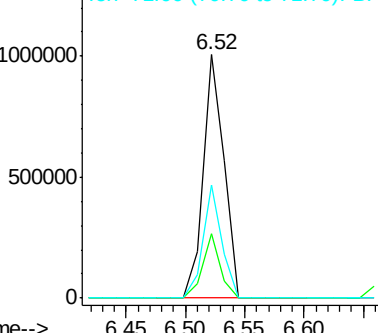
71 46.4 35.0 52.4

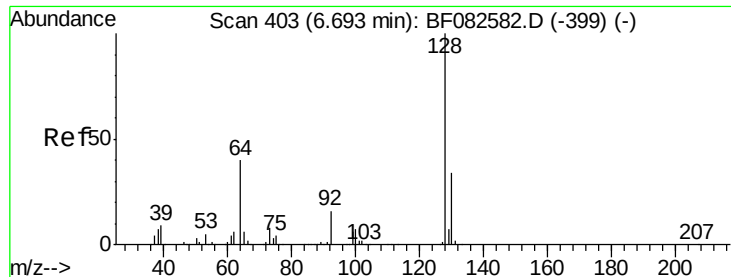


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.03 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

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PB86326BL

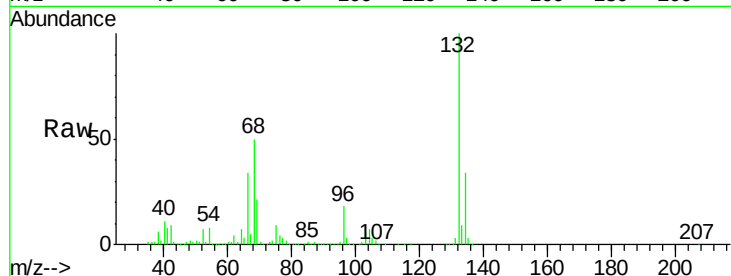
Tgt Ion:128 Resp: 412

Ion Ratio Lower Upper

128 100

130 309.5 13.5 53.5#

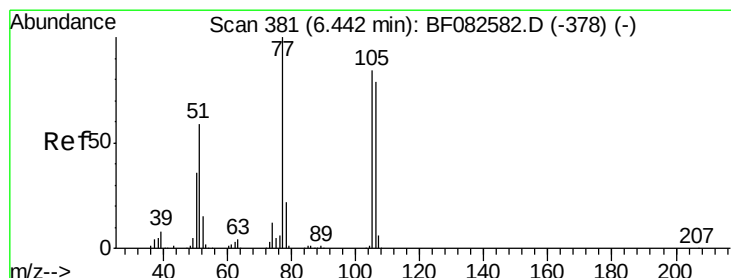
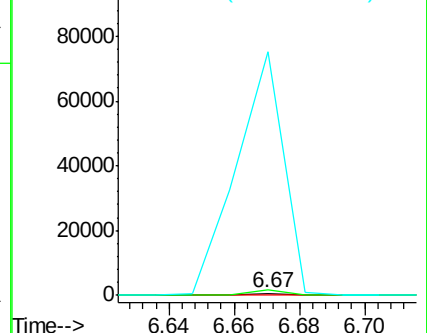
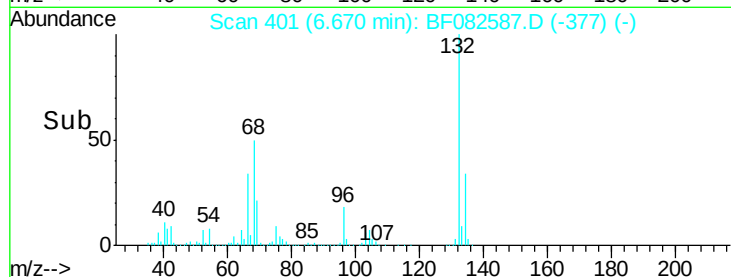
64 12507.2 21.1 61.1#



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: 2.86 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.23 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

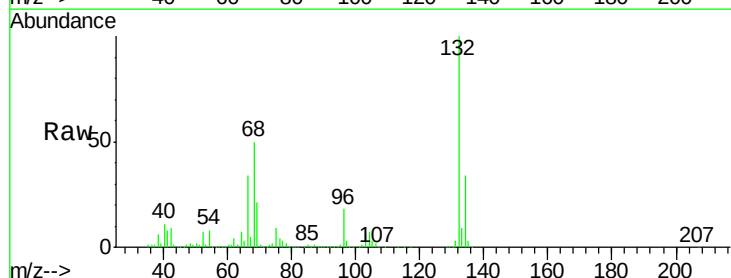
Tgt Ion: 77 Resp: 32376

Ion Ratio Lower Upper

77 100

105 81.2 63.5 103.5

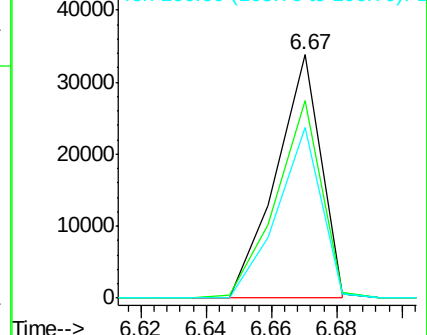
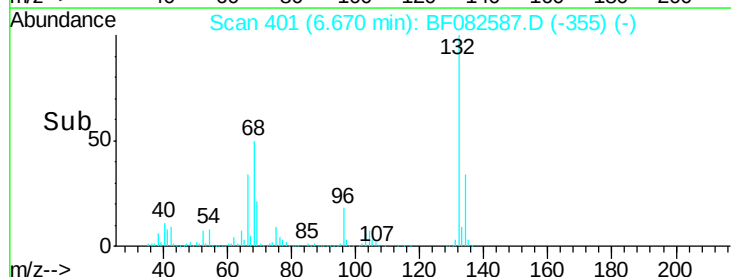
106 70.2 59.3 99.3

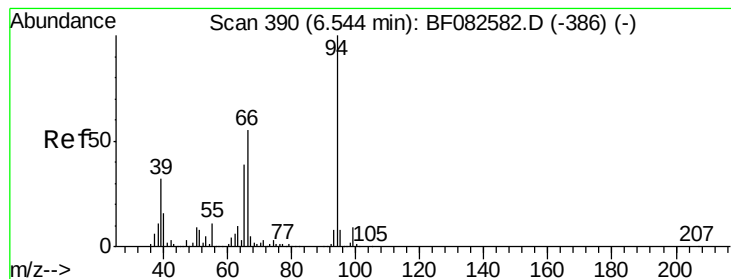


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.15 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.13 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

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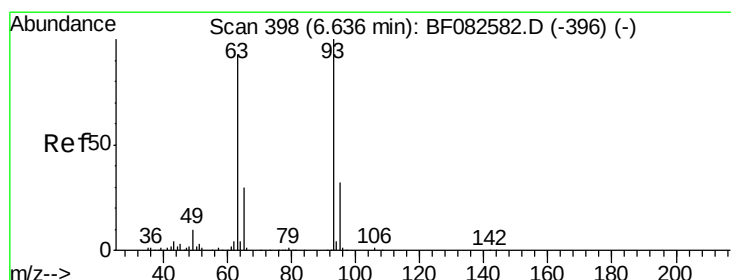
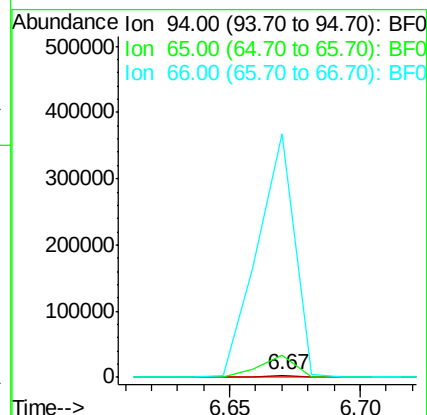
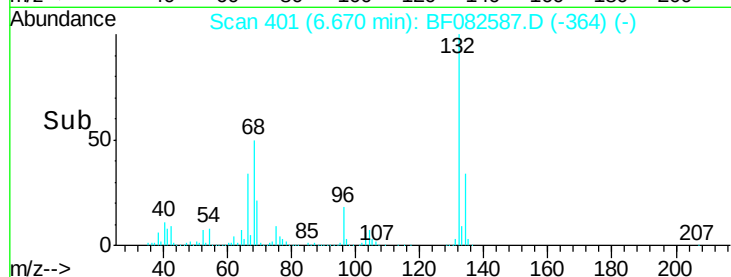
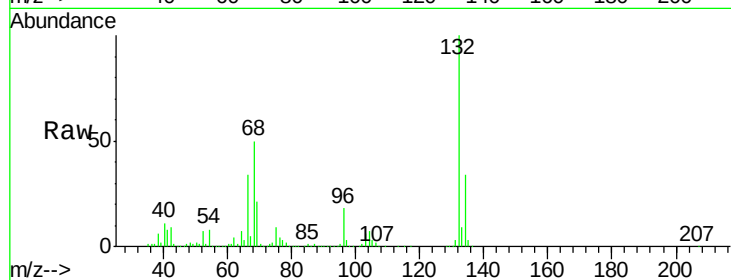
Tgt Ion: 94 Resp: 2845

Ion Ratio Lower Upper

94 100

65 1143.5 18.9 58.9#

66 12512.6 34.9 74.9#



#11

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.03 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

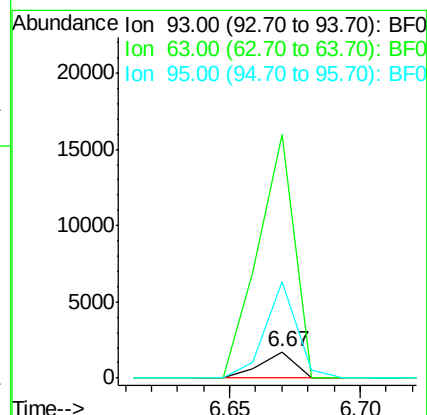
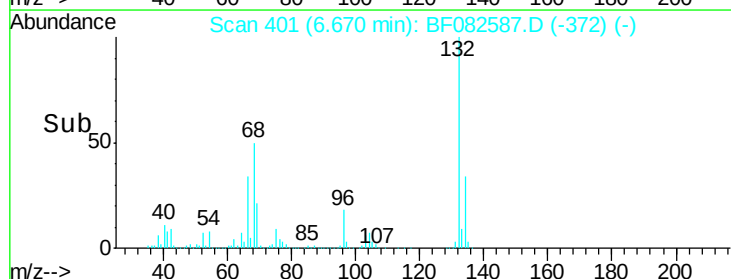
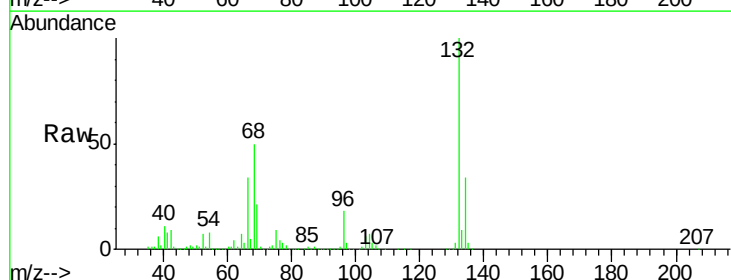
Tgt Ion: 93 Resp: 1571

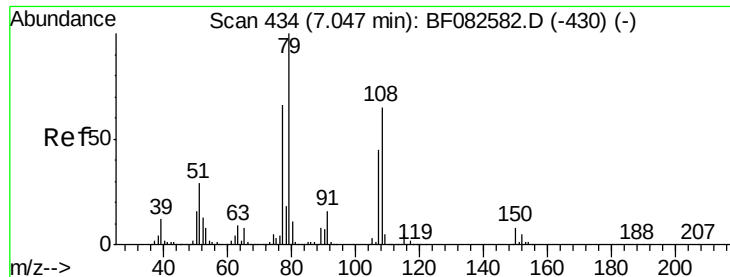
Ion Ratio Lower Upper

93 100

63 937.1 72.7 112.7#

95 368.9 12.0 52.0#





#15

Benzyl Alcohol

Concen: 1.57 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

BNA_F

ClientSampleId :

PB86326BL

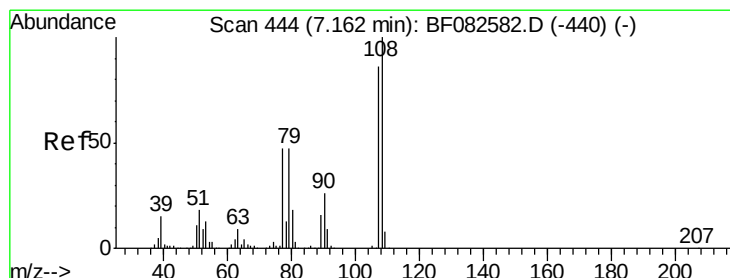
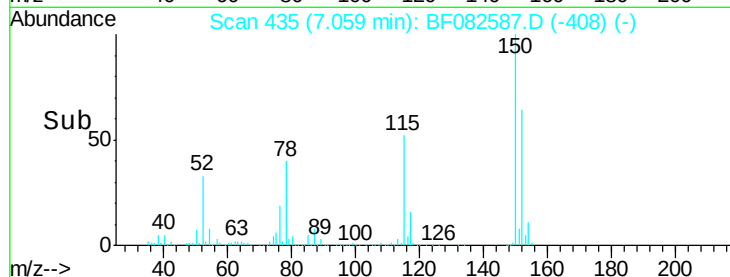
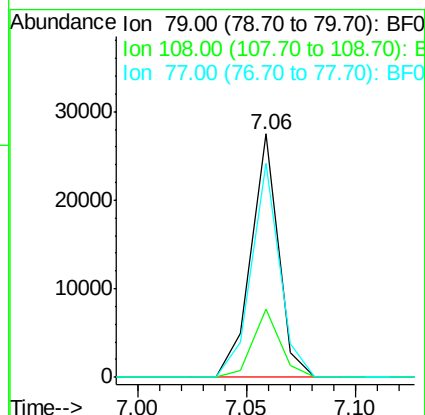
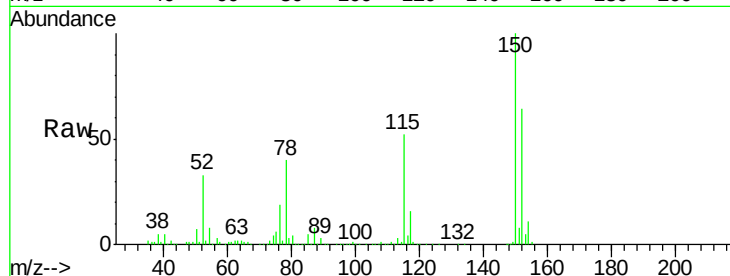
Tgt Ion: 79 Resp: 24189

Ion Ratio Lower Upper

79 100

108 28.1 52.2 78.4#

77 87.9 52.7 79.1#



#17

2-Methylphenol

Concen: 0.02 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.10 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Tgt Ion: 107 Resp: 211

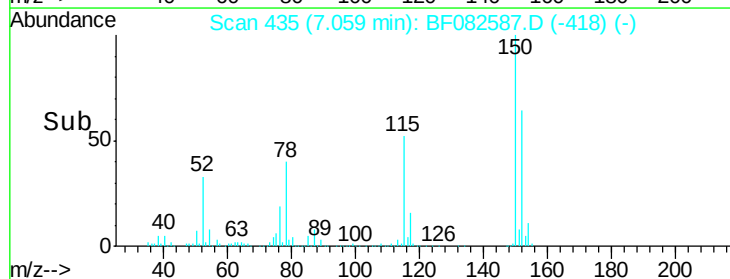
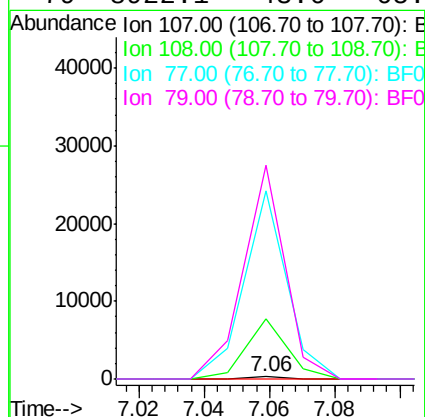
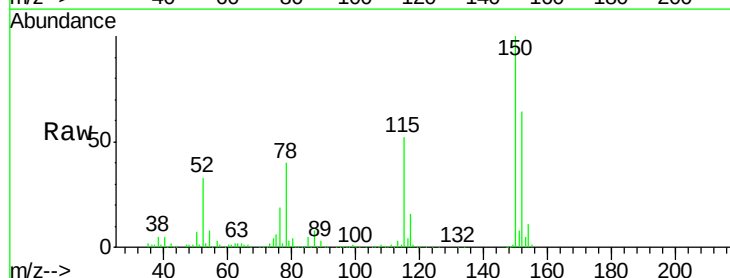
Ion Ratio Lower Upper

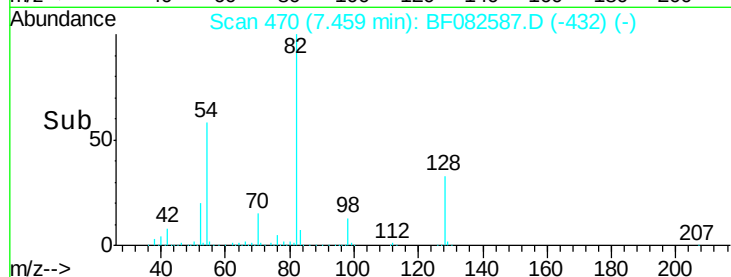
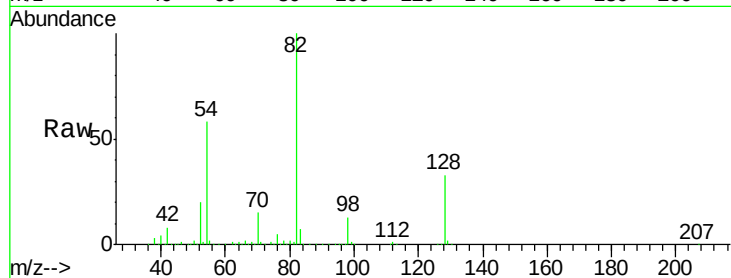
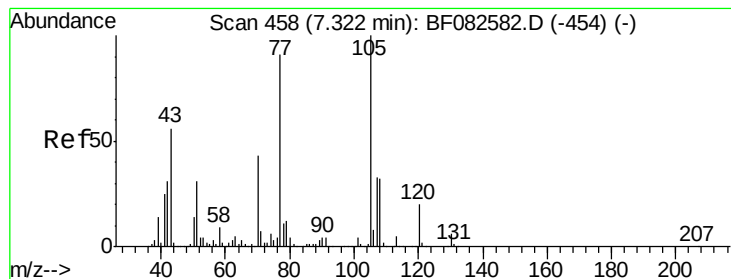
107 100

108 2505.2 93.0 139.4#

77 7839.0 44.1 66.1#

79 8922.1 43.6 65.4#





#19

n-Nitroso-di-n-propylamine

Concen: 14.30 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

BNA_F

ClientSampleId :

PB86326BL

Tgt Ion: 70 Resp: 179581

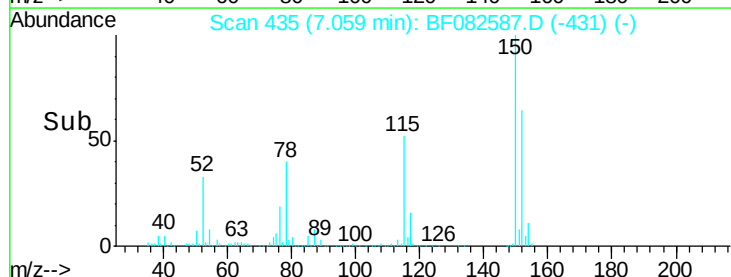
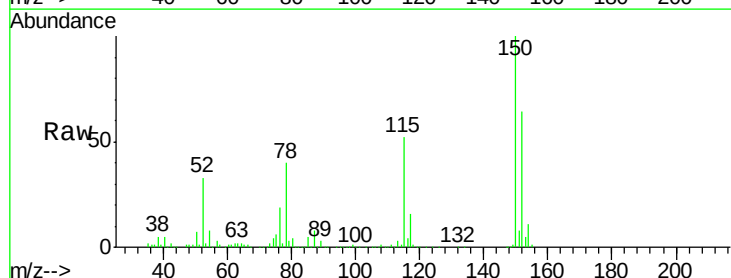
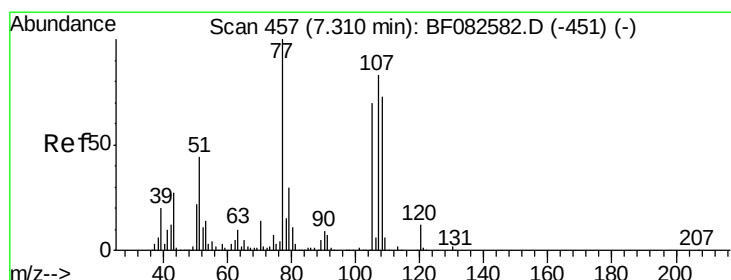
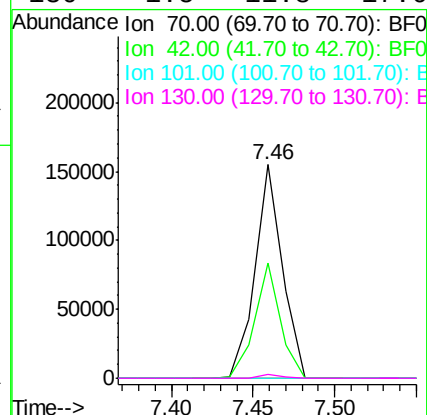
Ion Ratio Lower Upper

70 100

42 53.7 57.7 86.5#

101 0.0 7.0 10.6#

130 1.5 11.8 17.6#



#20

3+4-Methylphenols

Concen: 0.01 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.25 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Tgt Ion: 107 Resp: 211

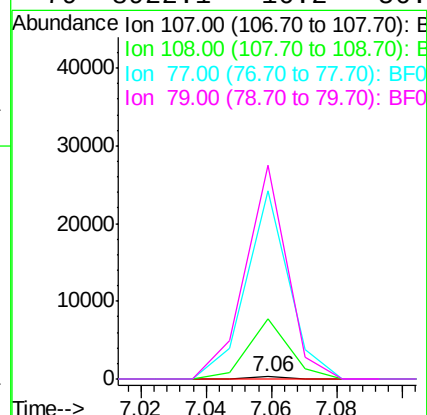
Ion Ratio Lower Upper

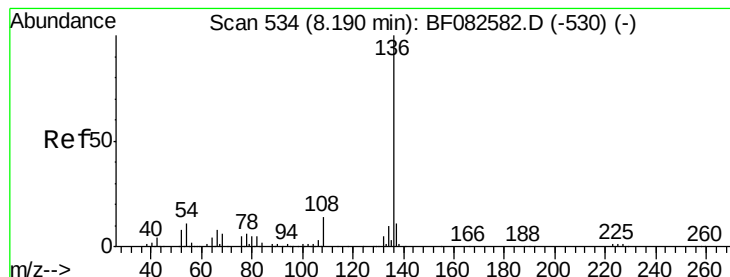
107 100

108 2505.2 67.3 107.3#

77 7839.0 100.3 140.3#

79 8922.1 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

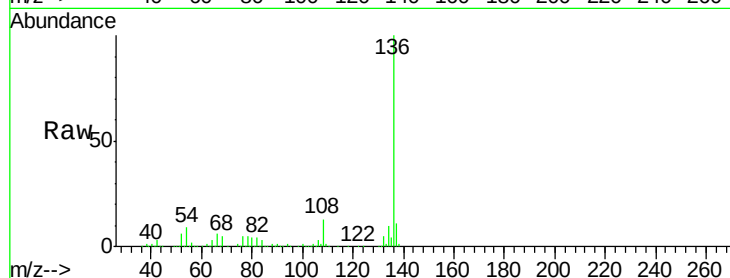
Instrument :

BNA_F

ClientSampleId :

PB86326BL

Tgt Ion:	136	Resp:	770424
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.6	9.1	13.7#
68	5.0	4.8	7.2



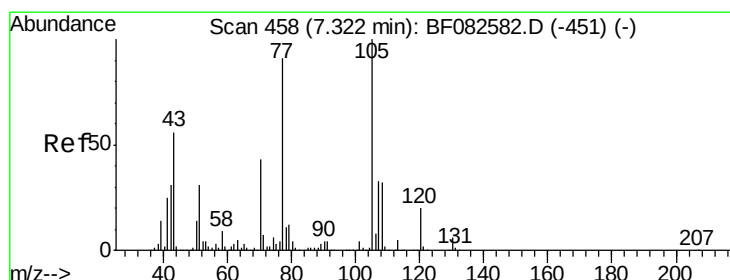
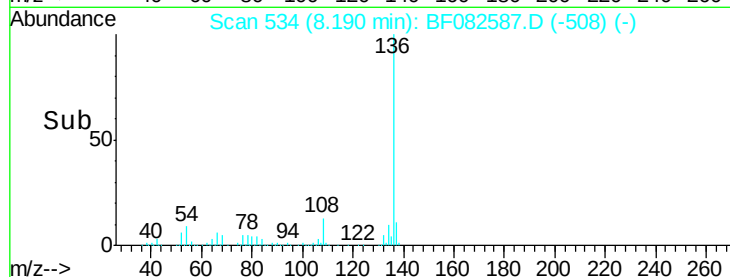
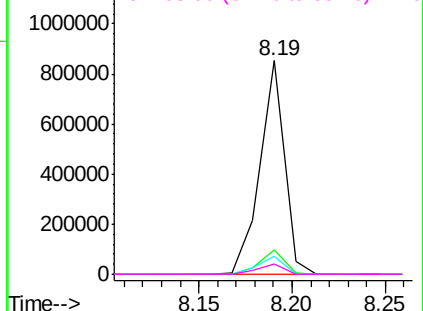
Abundance

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



#22

Acetophenone

Concen: 0.01 ng

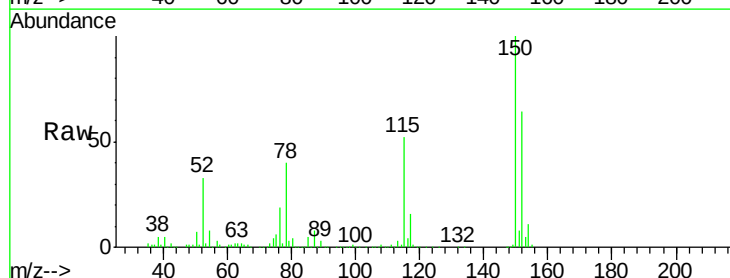
RT: 7.06 min Scan# 435

Delta R.T. -0.26 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Tgt Ion:	105	Resp:	321
Ion	Ratio	Lower	Upper
105	100		
71	580.1	5.6	8.4#
51	2003.0	24.9	37.3#
120	285.5	15.8	23.8#



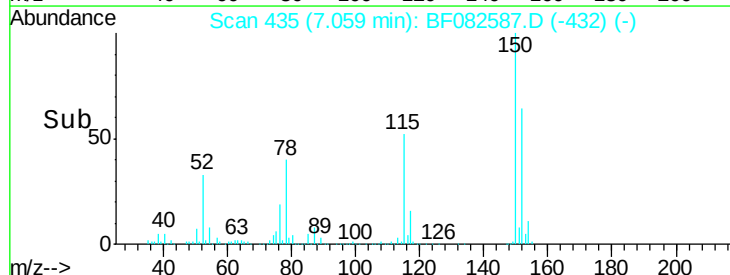
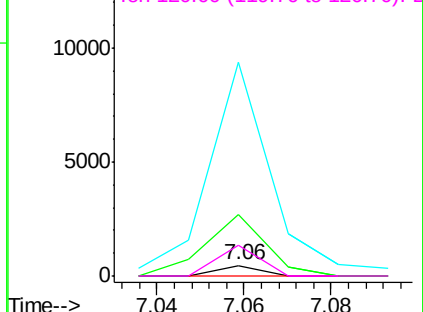
Abundance

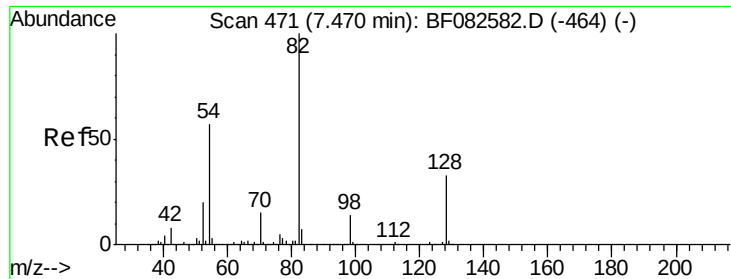
Ion 105.00 (104.70 to 105.70): E

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

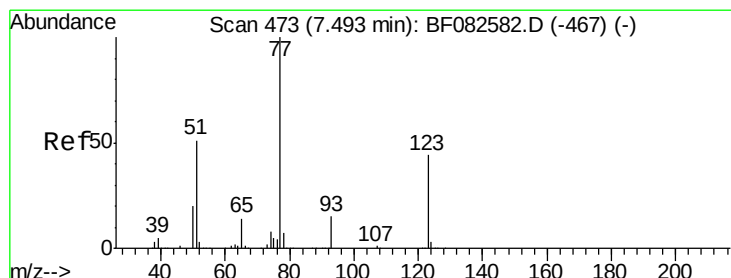
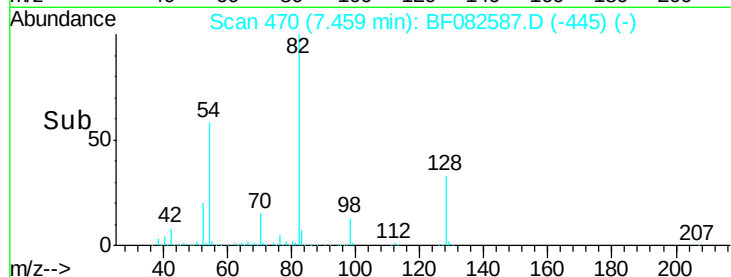
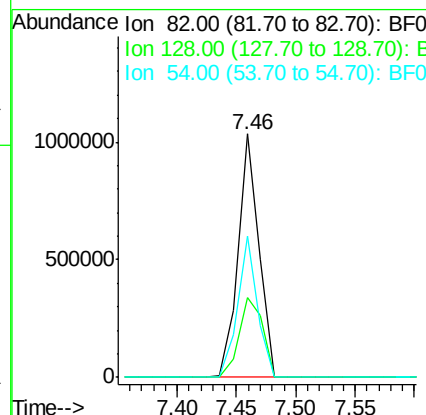
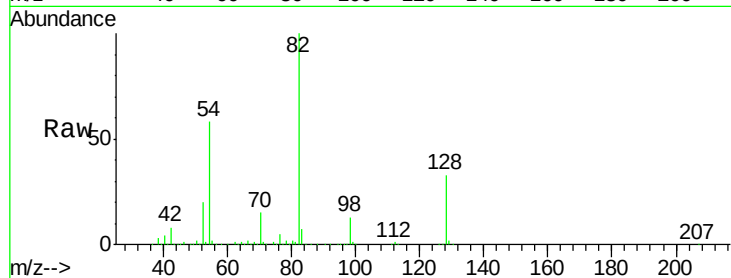




#23
 Nitrobenzene-d5
 Concen: 66.52 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF082587.D
 Acq: 30 Oct 2015 22:31

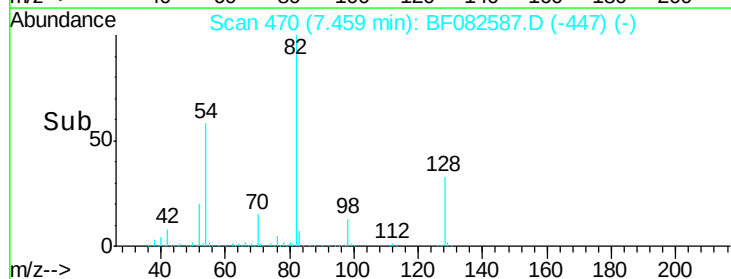
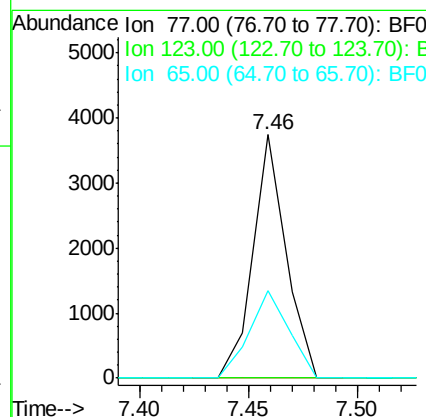
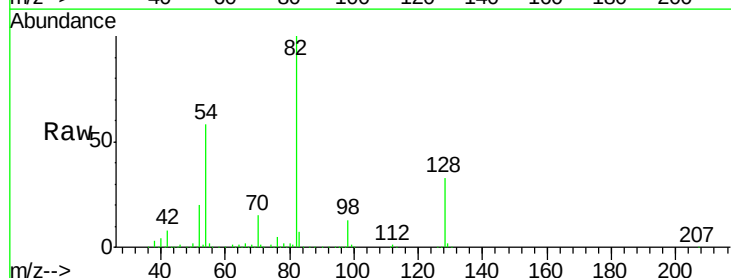
Instrument :
 BNA_F
 ClientSampleId :
 PB86326BL

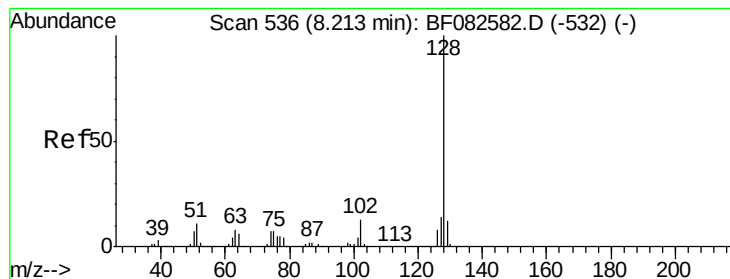
Tgt Ion: 82 Resp: 1255016
 Ion Ratio Lower Upper
 82 100
 128 32.5 26.8 40.2
 54 58.1 45.7 68.5



#24
 Nitrobenzene
 Concen: 0.21 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF082587.D
 Acq: 30 Oct 2015 22:31

Tgt Ion: 77 Resp: 3949
 Ion Ratio Lower Upper
 77 100
 123 0.0 36.4 54.6#
 65 35.7 11.5 17.3#





#31

Naphthalene

Concen: 0.02 ng

RT: 8.30 min Scan# 544

Delta R.T. 0.09 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

BNA_F

ClientSampleId :

PB86326BL

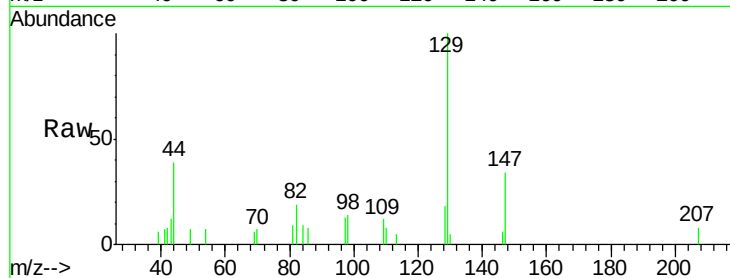
Tgt Ion:128 Resp: 902

Ion Ratio Lower Upper

128 100

129 546.8 9.5 14.3#

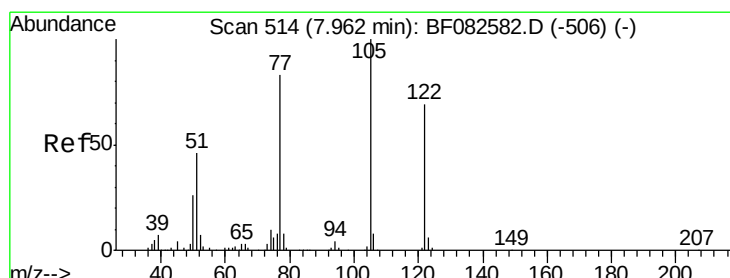
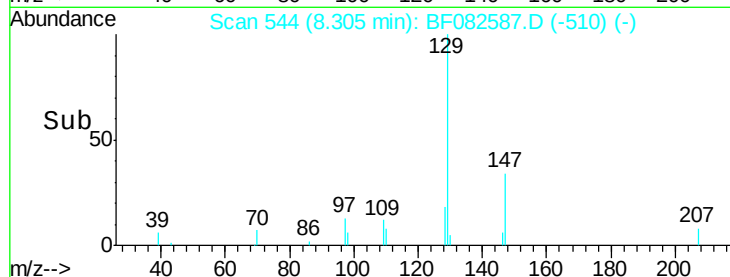
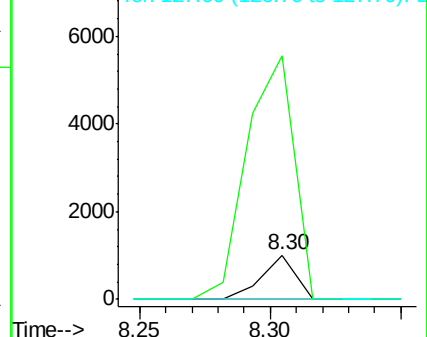
127 0.0 11.4 17.0#



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



#32

Benzoic acid

Concen: 0.03 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.23 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

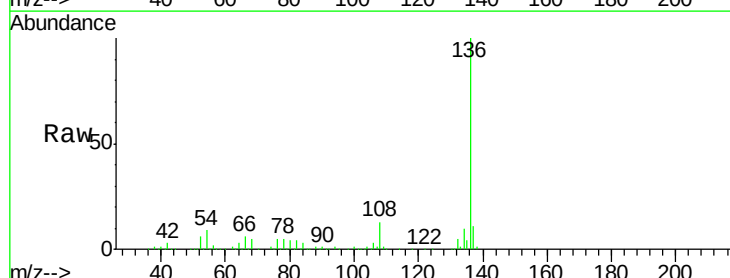
Tgt Ion:122 Resp: 274

Ion Ratio Lower Upper

122 100

105 277.3 122.6 162.6#

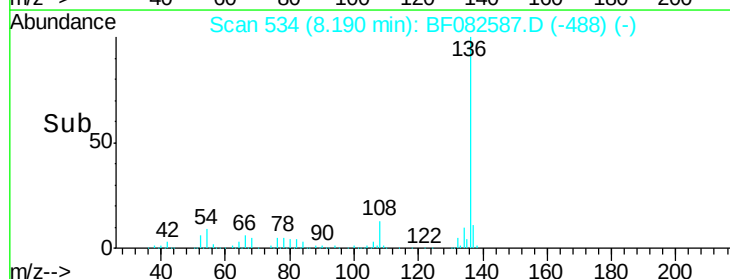
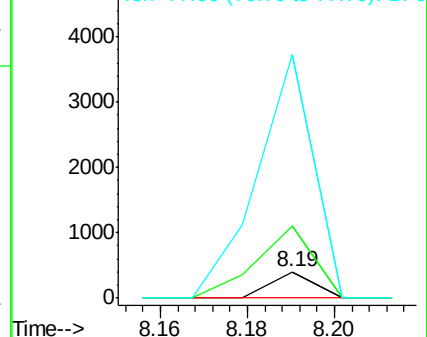
77 931.5 100.9 140.9#

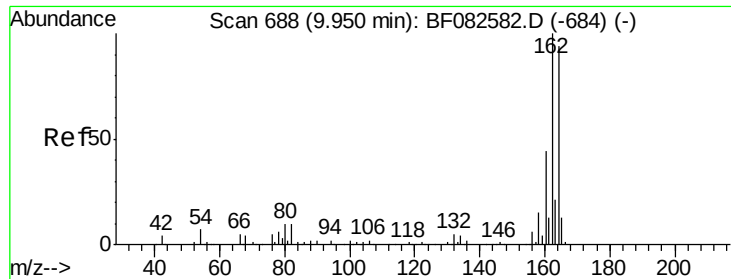


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

BNA_F

ClientSampleId :

PB86326BL

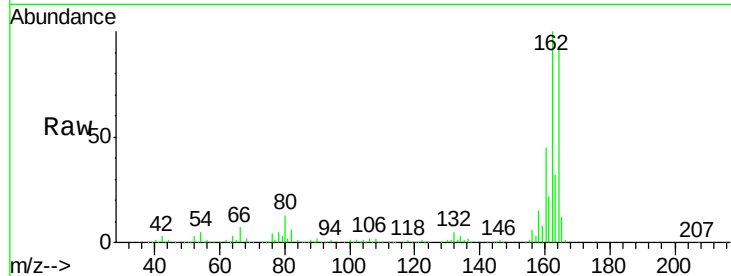
Tgt Ion:164 Resp: 393567

Ion Ratio Lower Upper

164 100

162 107.9 84.9 127.3

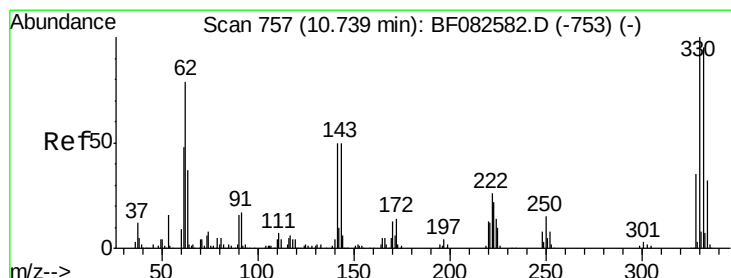
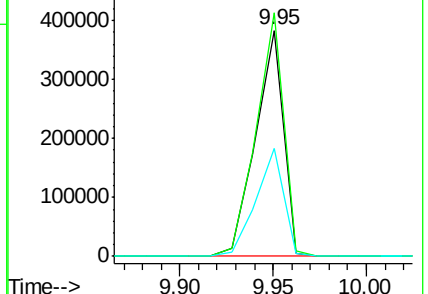
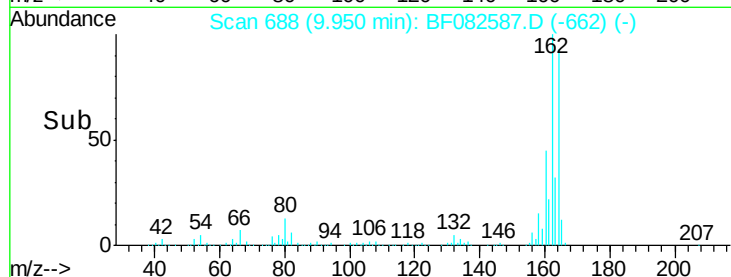
160 48.1 37.5 56.3



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: 77.32 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

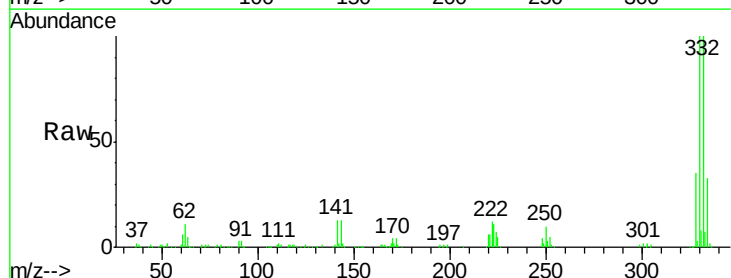
Tgt Ion:330 Resp: 333034

Ion Ratio Lower Upper

330 100

332 99.0 76.6 114.8

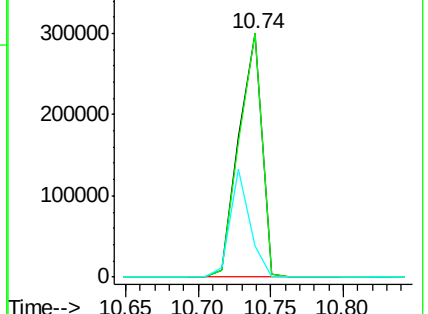
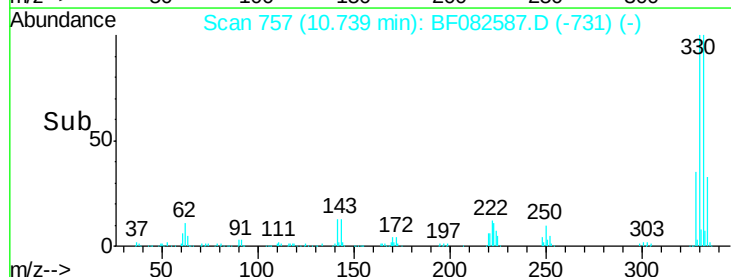
141 37.9 41.2 61.8#

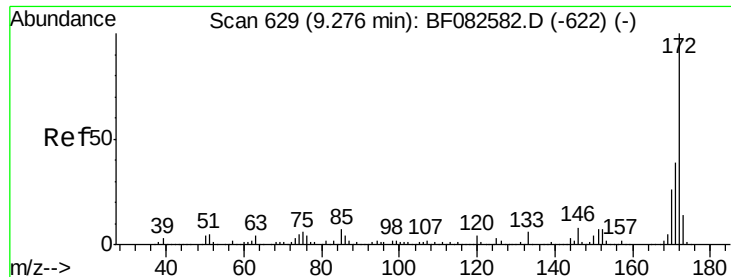


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

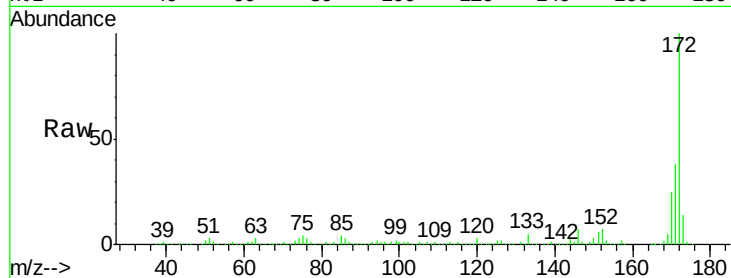




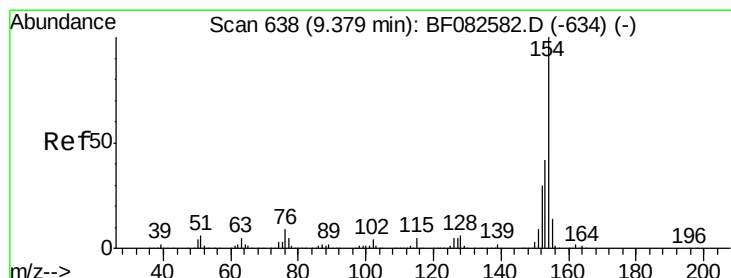
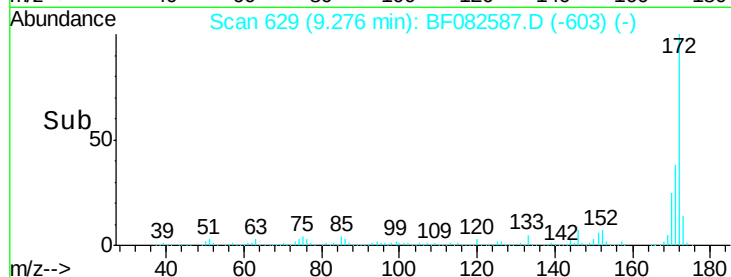
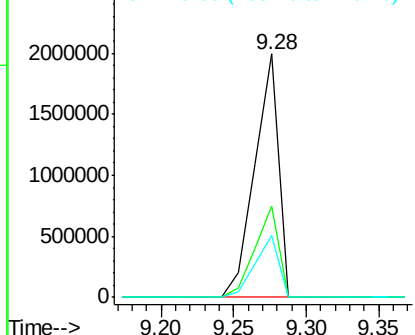
#44
 2-Fluorobiphenyl
 Concen: 81.84 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082587.D
 Acq: 30 Oct 2015 22:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BL

Tgt Ion:172 Resp: 2268579
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 25.5 21.2 31.8

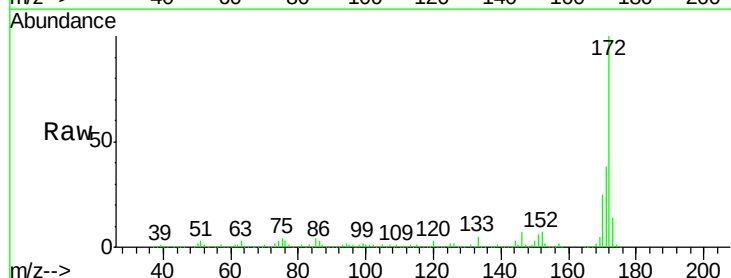


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

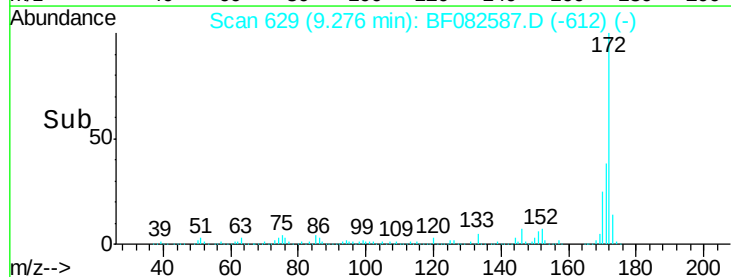
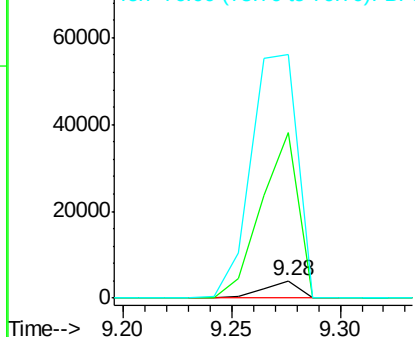


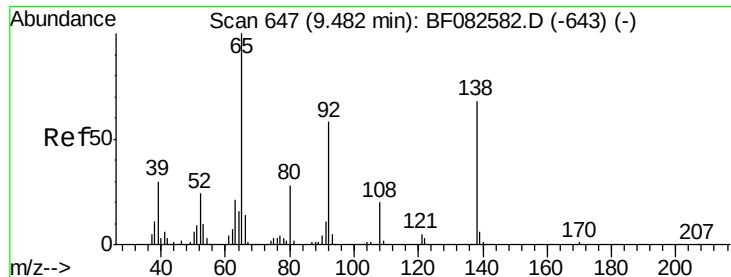
#45
 1,1'-Biphenyl
 Concen: 0.14 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.10 min
 Lab File: BF082587.D
 Acq: 30 Oct 2015 22:31

Tgt Ion:154 Resp: 4502
 Ion Ratio Lower Upper
 154 100
 153 942.6 22.0 62.0#
 76 1386.8 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: 0.44 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.22 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

BNA_F

ClientSampleId :

PB86326BL

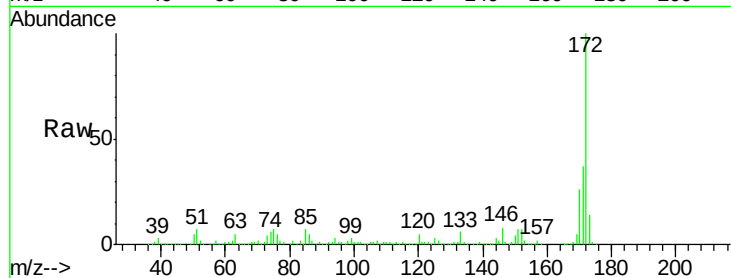
Tgt Ion: 65 Resp: 4426

Ion Ratio Lower Upper

65 100

92 205.9 46.6 70.0#

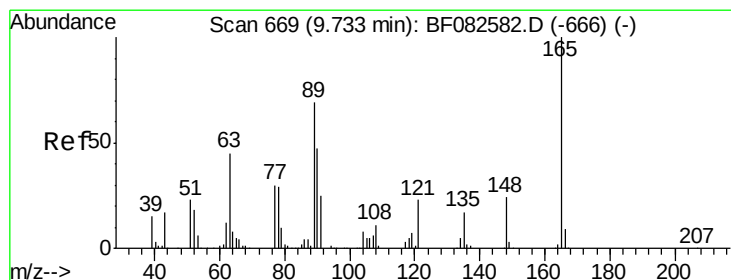
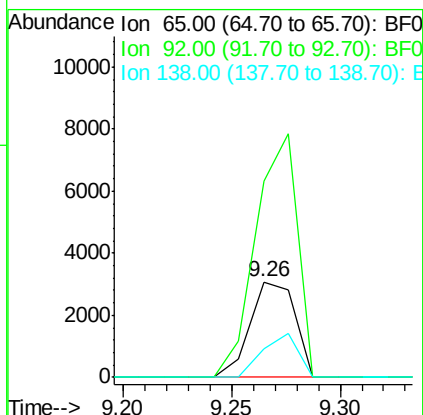
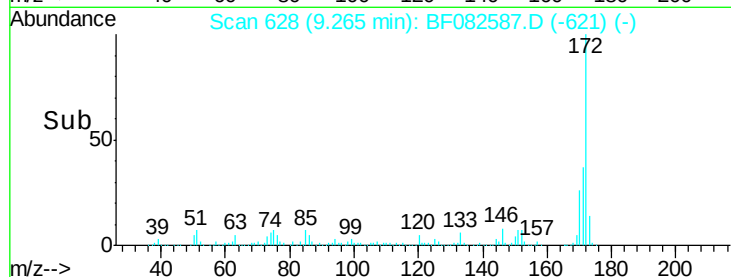
138 30.4 54.6 81.8#



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): BF0



#50

2,6-Dinitrotoluene

Concen: 7.50 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.22 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

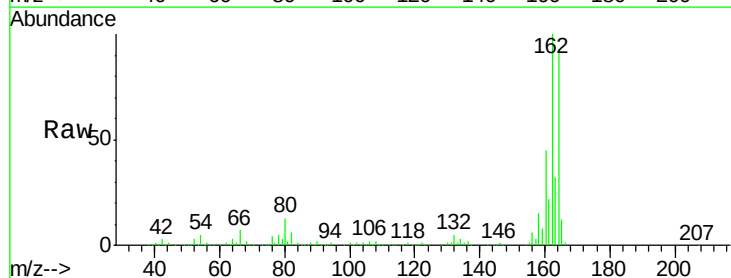
Tgt Ion: 165 Resp: 49939

Ion Ratio Lower Upper

165 100

63 1.7 55.5 83.3#

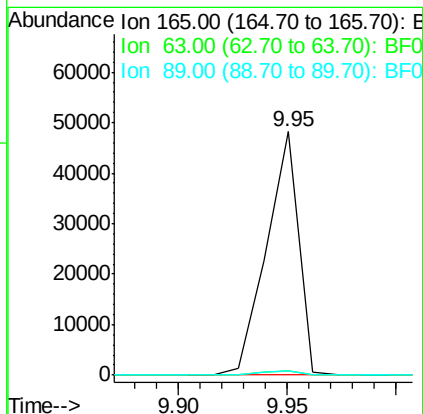
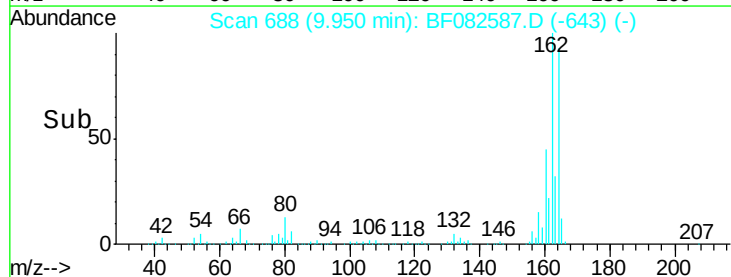
89 1.8 55.0 82.6#

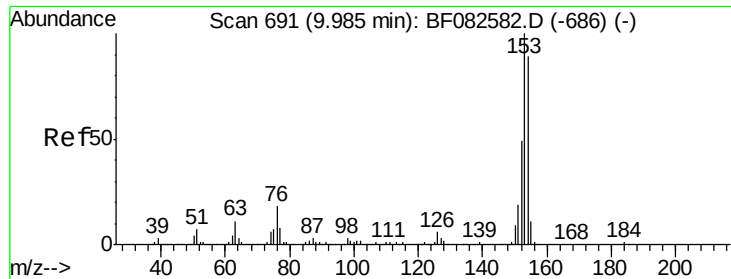


Abundance Ion 165.00 (164.70 to 165.70): BF0

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: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

BNA_F

ClientSampleId :

PB86326BL

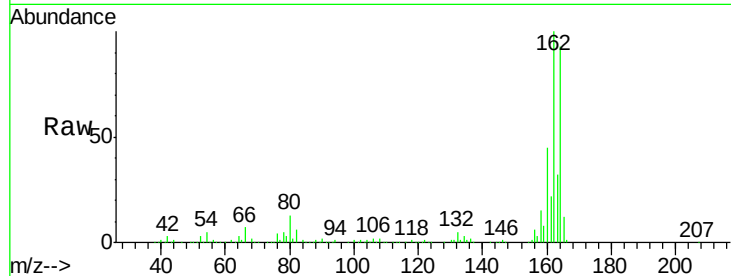
Tgt Ion:154 Resp: 1586

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

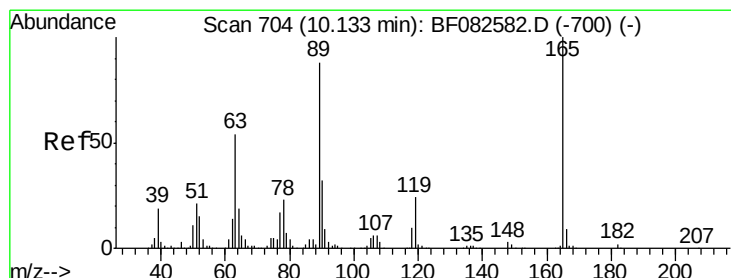
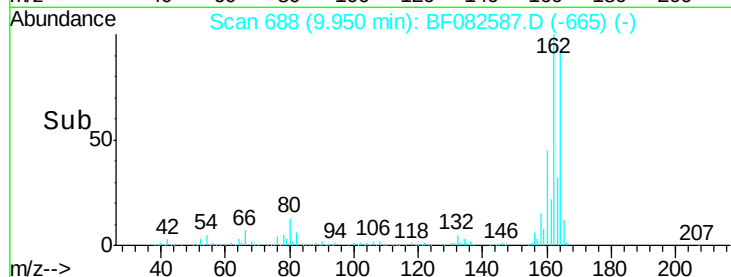
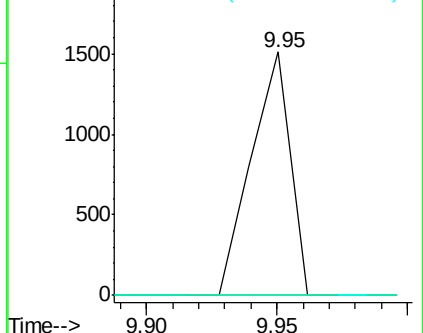
152 0.0 44.3 66.5#



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: 5.54 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.18 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Tgt Ion:165 Resp: 49941

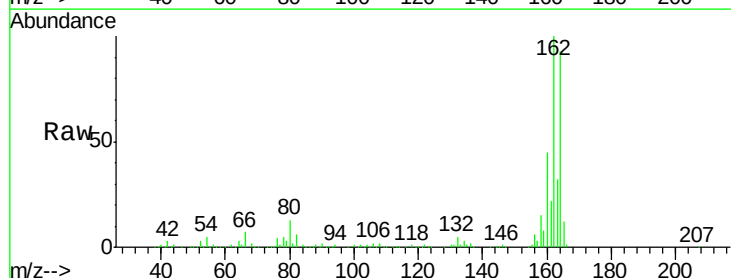
Ion Ratio Lower Upper

165 100

63 1.7 43.4 65.0#

89 1.8 70.6 106.0#

182 0.0 1.5 2.3#

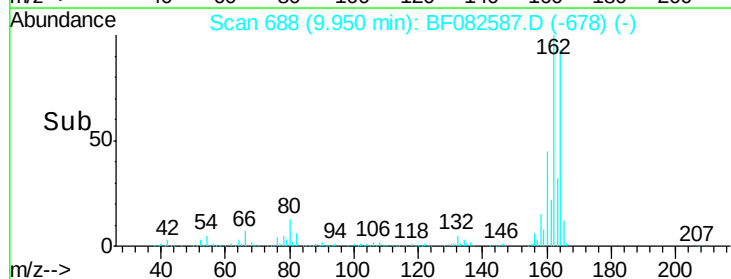
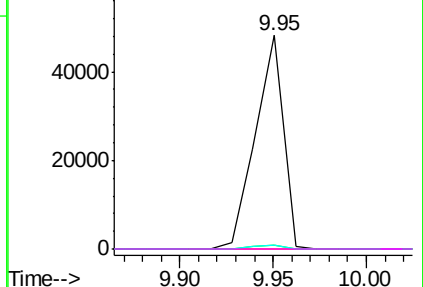


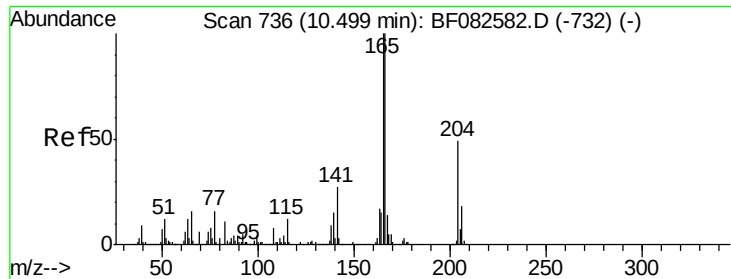
Abundance Ion 165.00 (164.70 to 165.70): E

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

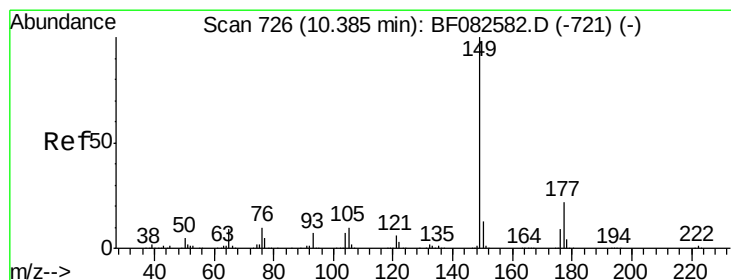
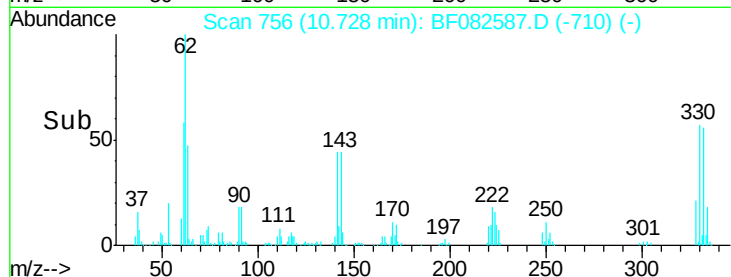
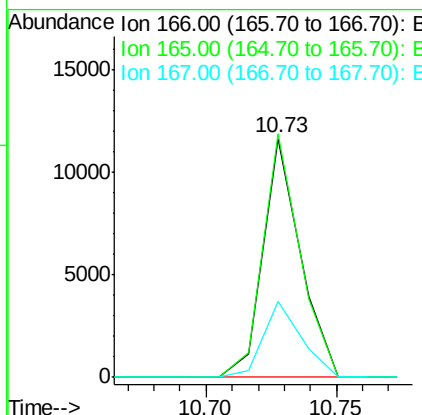
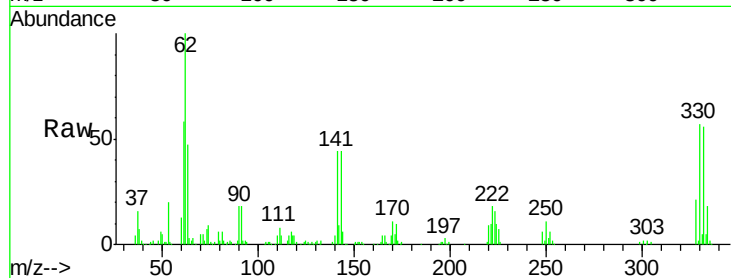




#57
 Fluorene
 Concen: 0.40 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.23 min
 Lab File: BF082587.D
 Acq: 30 Oct 2015 22:31

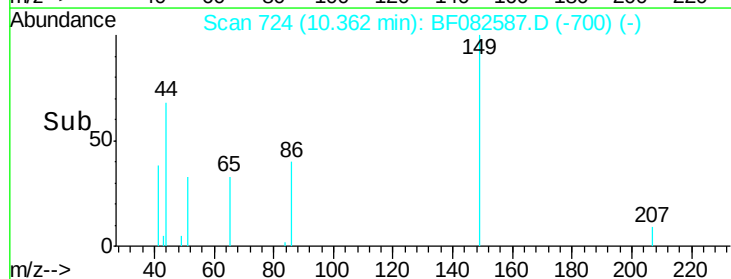
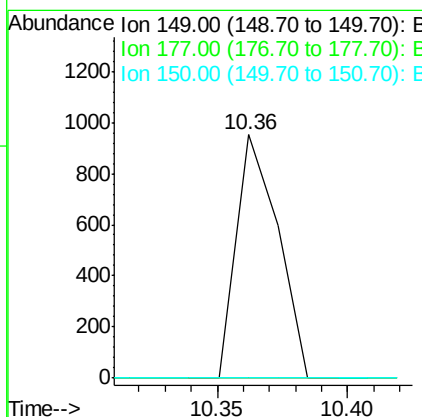
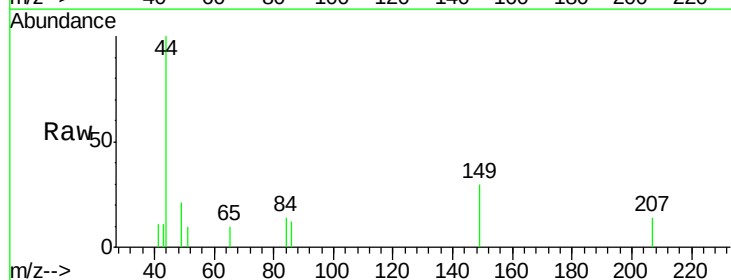
Instrument :
 BNA_F
 ClientSampleId :
 PB86326BL

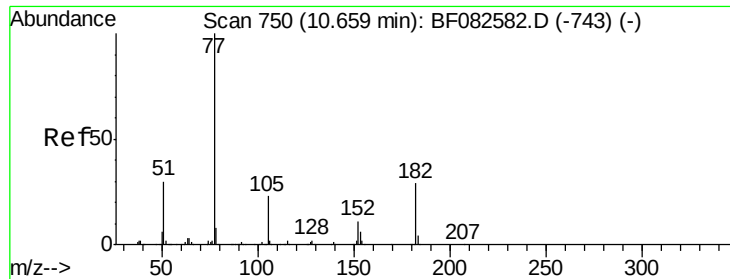
Tgt Ion:166 Resp: 11473
 Ion Ratio Lower Upper
 166 100
 165 102.0 80.2 120.4
 167 31.6 11.2 16.8#



#59
 Diethylphthalate
 Concen: 0.03 ng
 RT: 10.36 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF082587.D
 Acq: 30 Oct 2015 22:31

Tgt Ion:149 Resp: 1064
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.9 26.9#
 150 0.0 10.1 15.1#





#62

Azobenzene

Concen: 0.06 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.07 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

BNA_F

ClientSampleId :

PB86326BL

Tgt Ion: 77 Resp: 2123

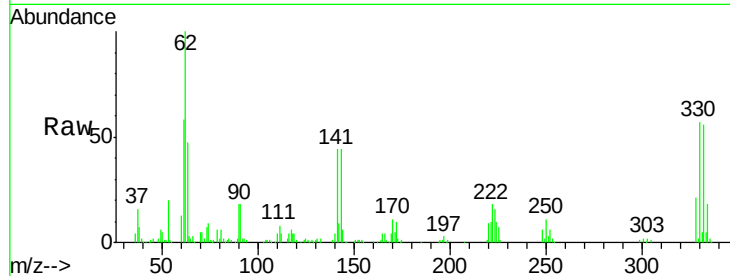
Ion Ratio Lower Upper

77 100

182 0.0 9.3 49.3#

105 89.0 2.6 42.6#

51 120.6 9.9 49.9#

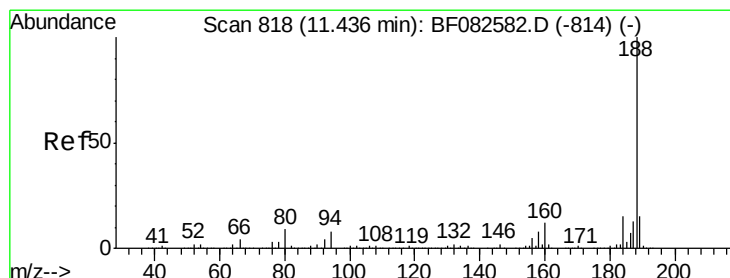
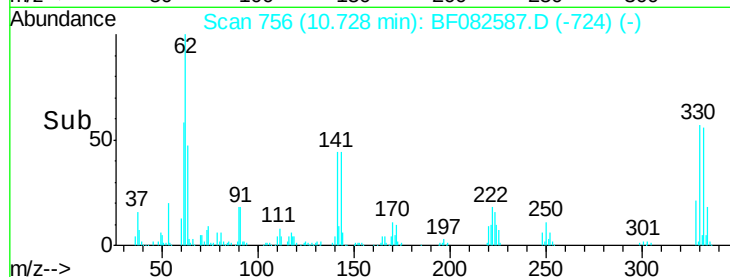
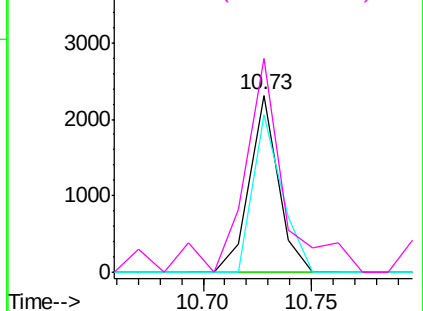


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

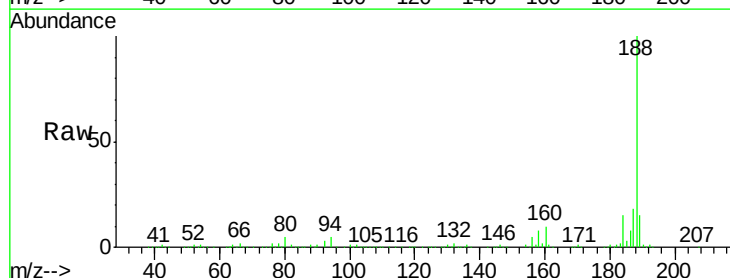
Tgt Ion: 188 Resp: 736577

Ion Ratio Lower Upper

188 100

94 4.8 6.1 9.1#

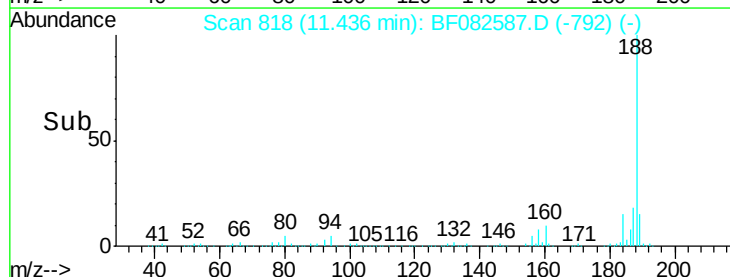
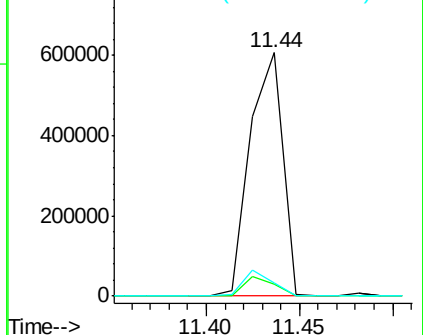
80 5.2 7.0 10.6#

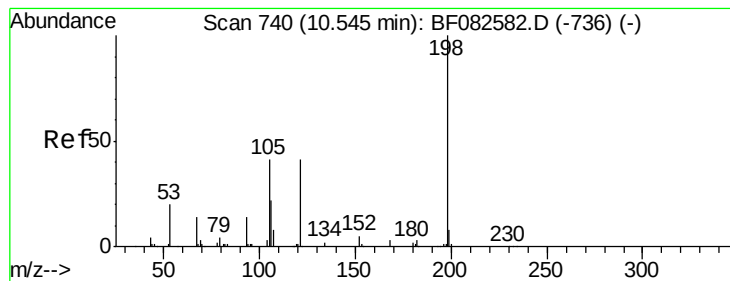


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.21 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.18 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

BNA_F

ClientSampleId :

PB86326BL

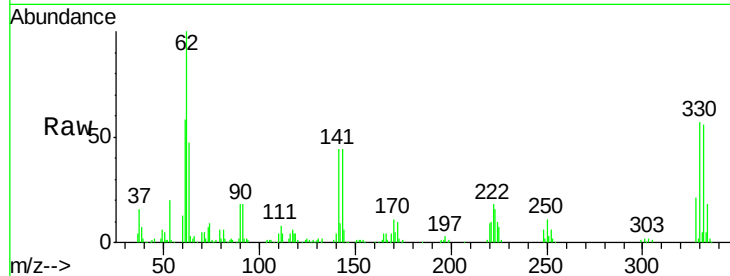
Tgt Ion:198 Resp: 916

Ion Ratio Lower Upper

198 100

51 345.2 17.3 57.3#

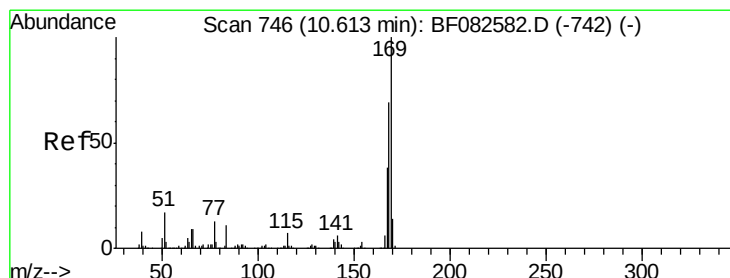
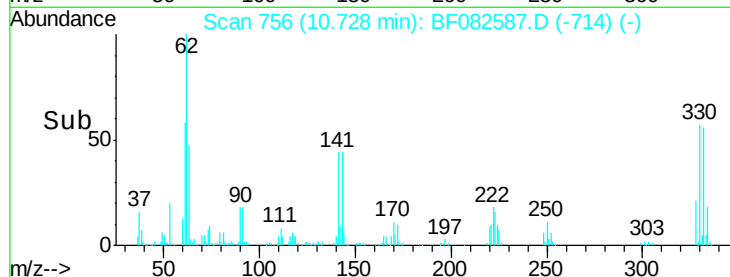
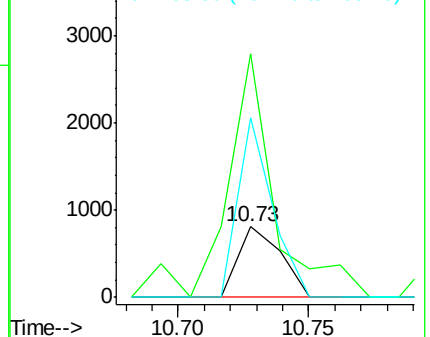
105 254.6 21.7 61.7#



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: 0.48 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.11 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

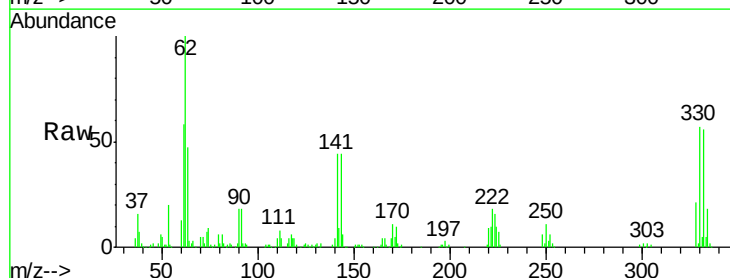
Tgt Ion:169 Resp: 12123

Ion Ratio Lower Upper

169 100

168 8.8 55.0 82.6#

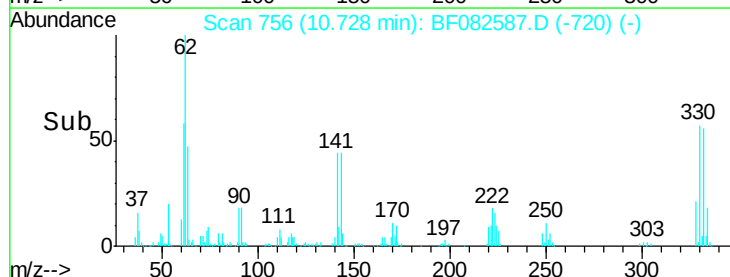
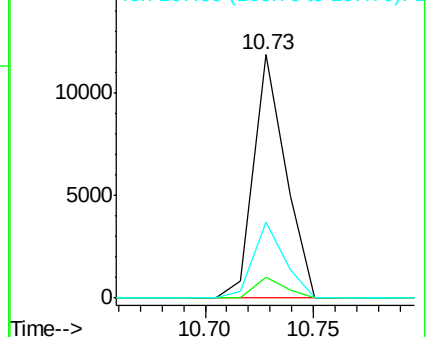
167 31.1 30.5 45.7

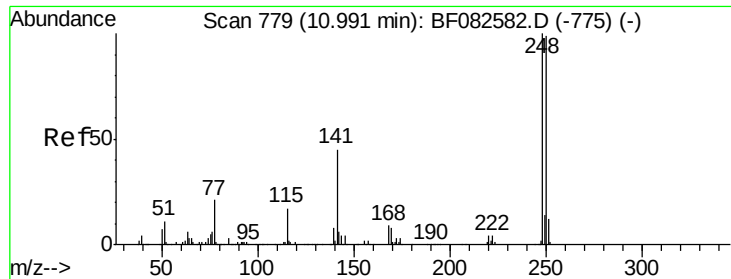


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

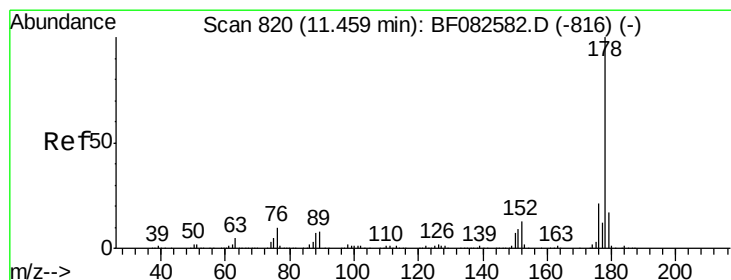
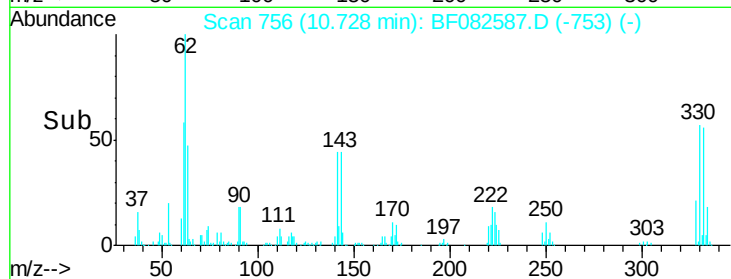
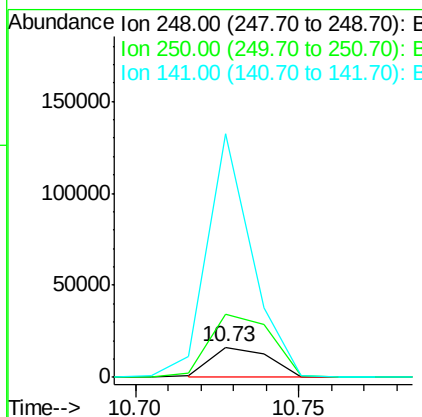
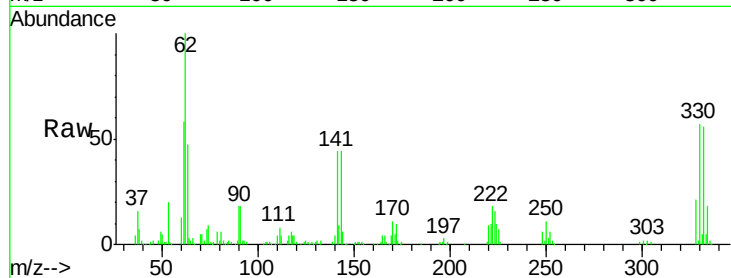




#66
 4-Bromophenyl-phenylether
 Concen: 2.42 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF082587.D
 Acq: 30 Oct 2015 22:31

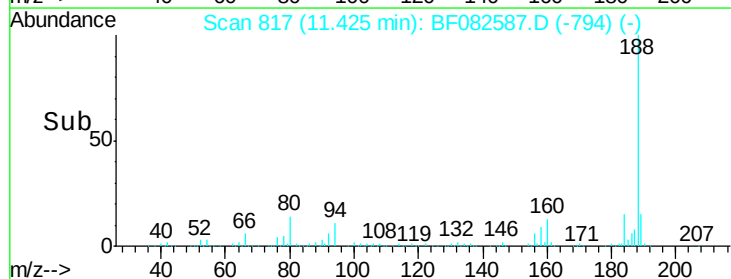
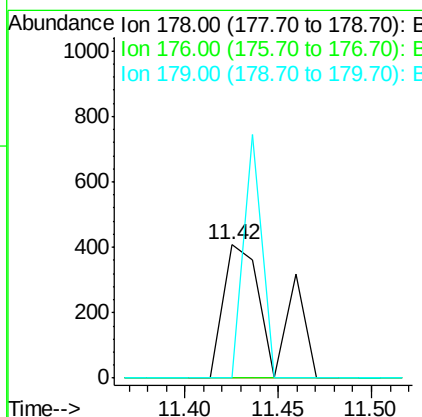
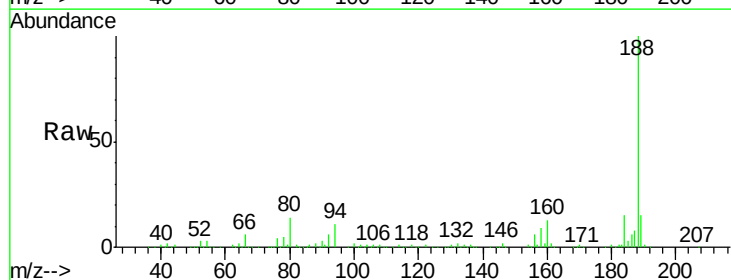
Instrument :
 BNA_F
 ClientSampleId :
 PB86326BL

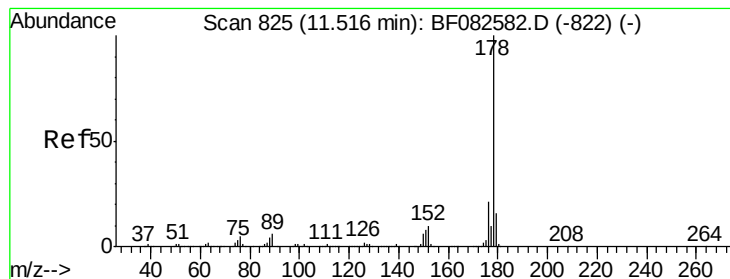
Tgt Ion:248 Resp: 20239
 Ion Ratio Lower Upper
 248 100
 250 208.8 79.4 119.2#
 141 804.3 36.3 54.5#



#70
 Phenanthrene
 Concen: 0.02 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF082587.D
 Acq: 30 Oct 2015 22:31

Tgt Ion:178 Resp: 745
 Ion Ratio Lower Upper
 178 100
 176 0.0 17.0 25.4#
 179 0.0 13.4 20.0#





#71

Anthracene

Concen: 0.02 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.09 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

BNA_F

ClientSampleId :

PB86326BL

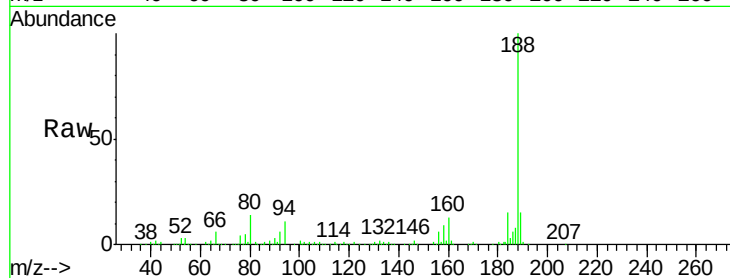
Tgt Ion:178 Resp: 745

Ion Ratio Lower Upper

178 100

176 0.0 16.5 24.7#

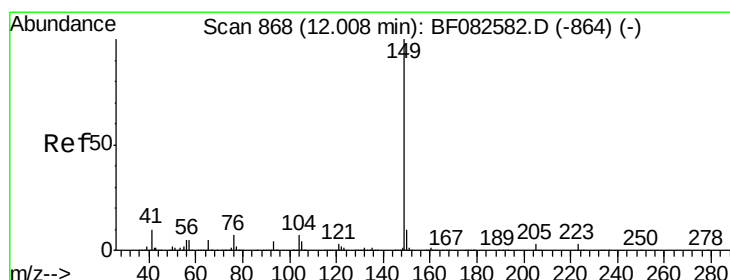
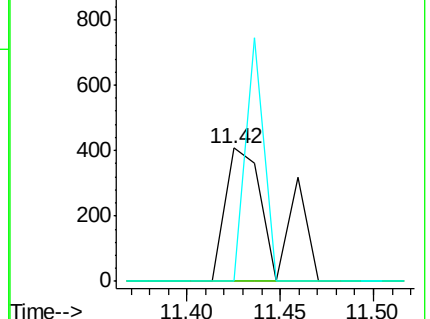
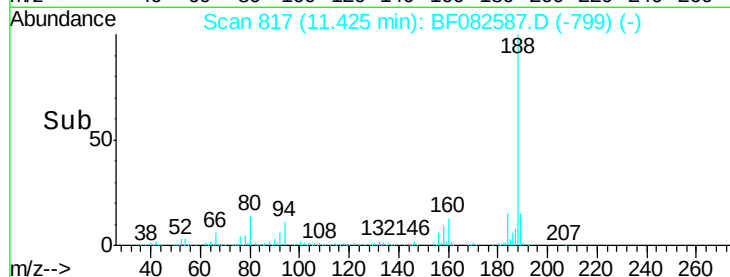
179 0.0 13.2 19.8#



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: 0.03 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

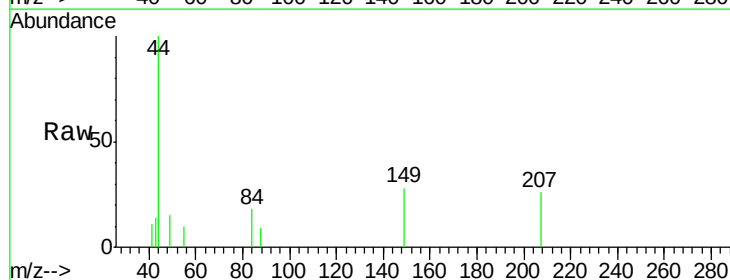
Tgt Ion:149 Resp: 1225

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

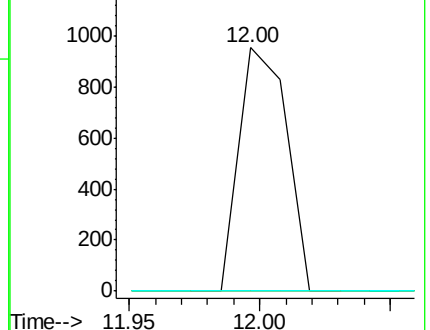
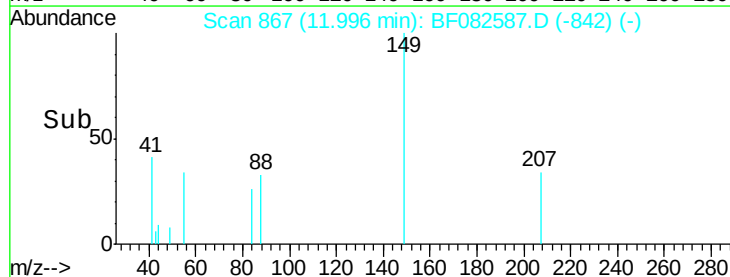
104 0.0 5.2 7.8#

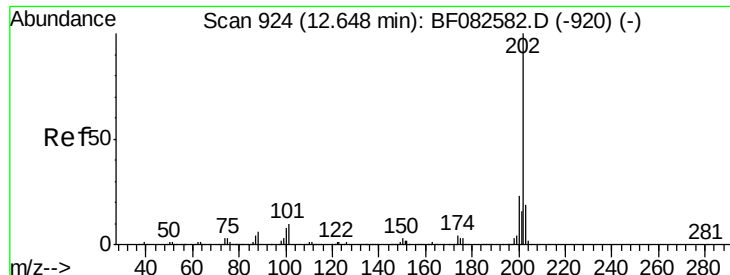


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

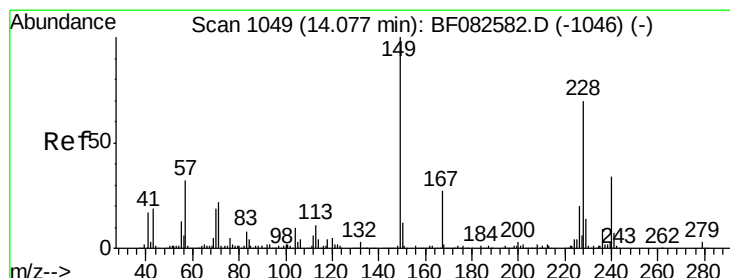
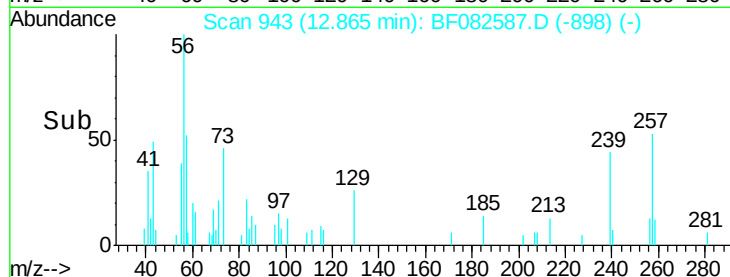
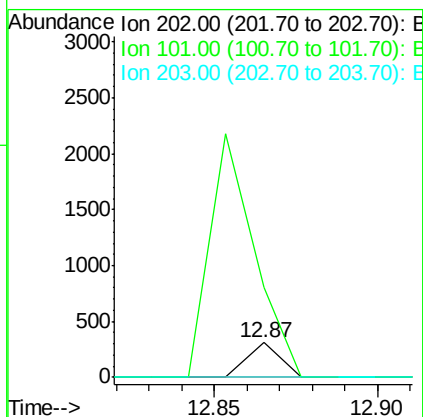
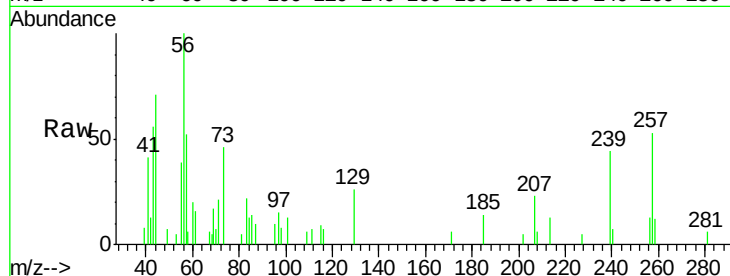




#74
Fluoranthene
Concen: 0.00 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.22 min
Lab File: BF082587.D
Acq: 30 Oct 2015 22:31

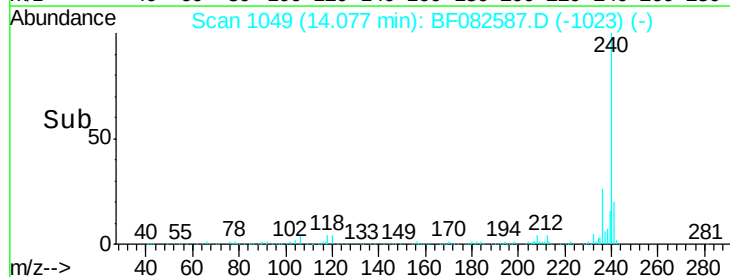
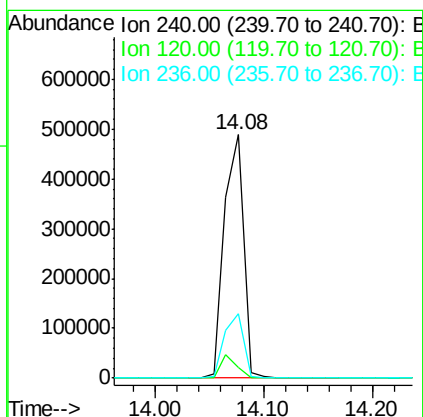
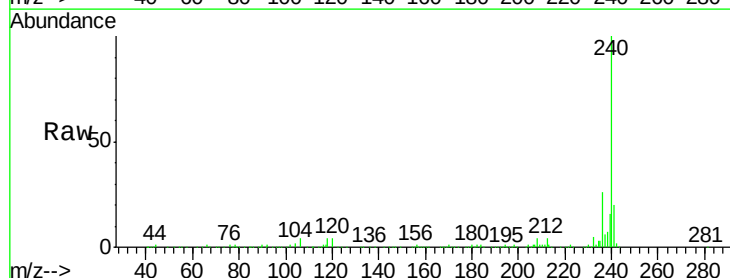
Instrument :
BNA_F
ClientSampleId :
PB86326BL

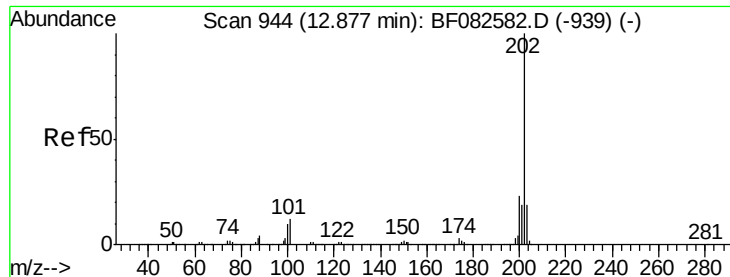
Tgt Ion: 202 Resp: 211
Ion Ratio Lower Upper
202 100
101 261.4 0.0 30.5#
203 0.0 0.0 38.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF082587.D
Acq: 30 Oct 2015 22:31

Tgt Ion: 240 Resp: 602710
Ion Ratio Lower Upper
240 100
120 4.5 10.9 16.3#
236 26.4 21.6 32.4





#77

Pyrene

Concen: 0.17 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.15 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

BNA_F

ClientSampleId :

PB86326BL

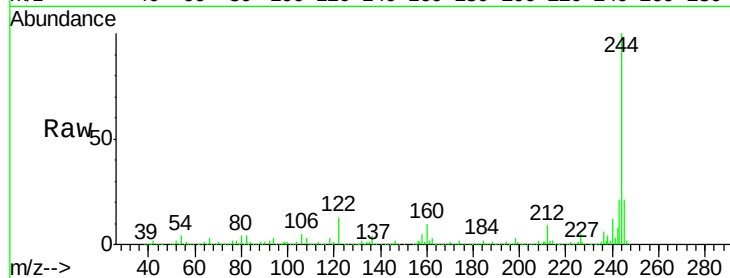
Tgt Ion:202 Resp: 7762

Ion Ratio Lower Upper

202 100

200 49.1 18.7 28.1#

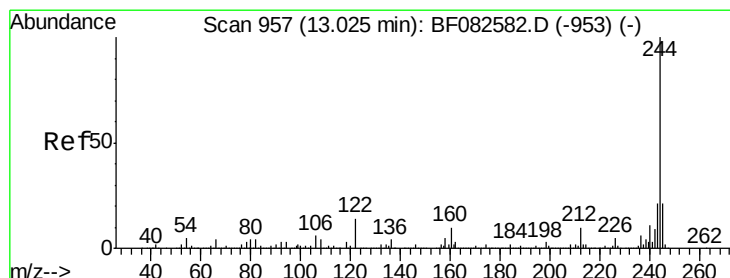
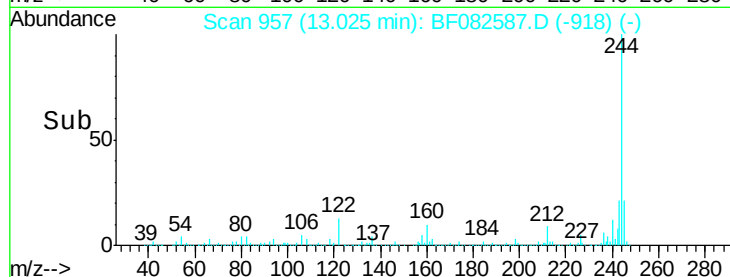
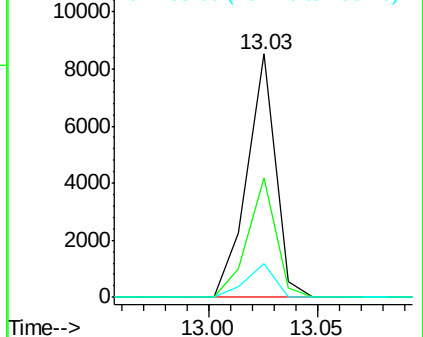
203 13.8 14.8 22.2#



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: 69.48 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

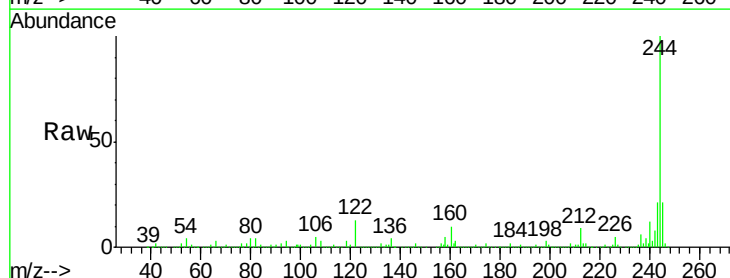
Tgt Ion:244 Resp: 1913496

Ion Ratio Lower Upper

244 100

212 9.1 7.6 11.4

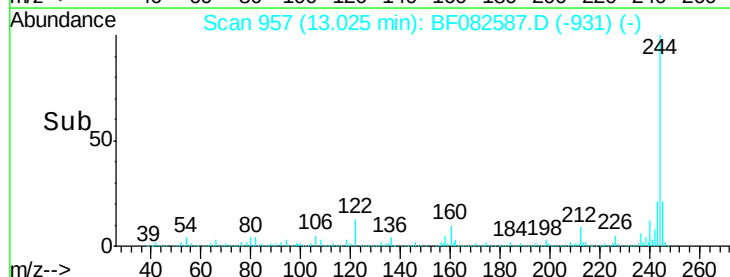
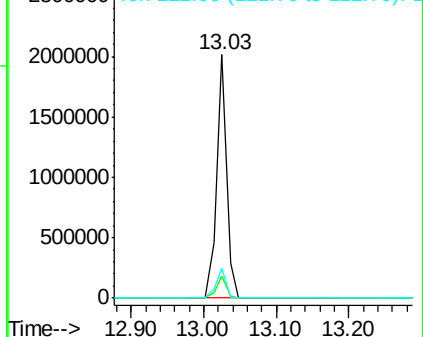
122 12.5 11.3 16.9

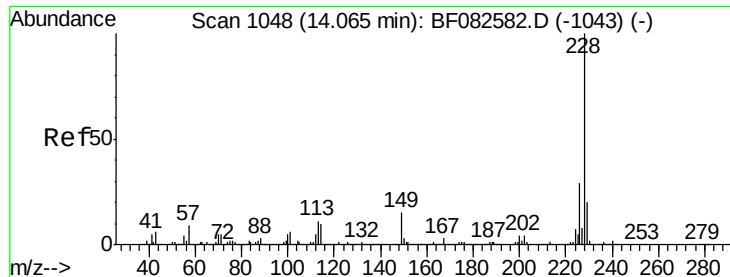


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.06 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

Instrument :

BNA_F

ClientSampleId :

PB86326BL

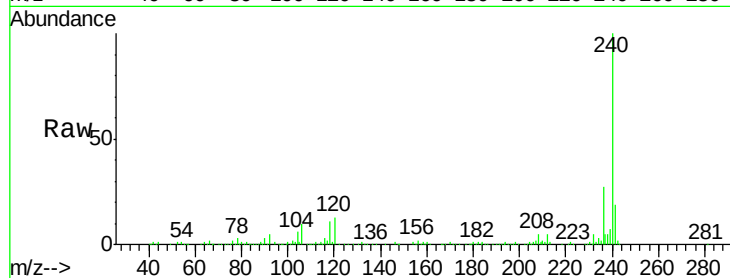
Tgt Ion:228 Resp: 2258

Ion Ratio Lower Upper

228 100

226 0.0 23.4 35.2#

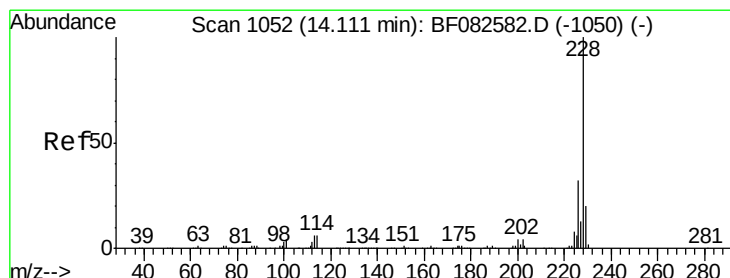
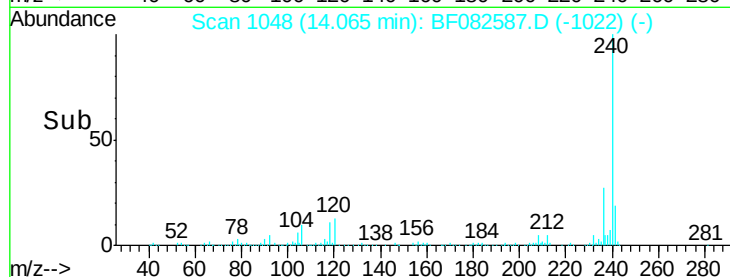
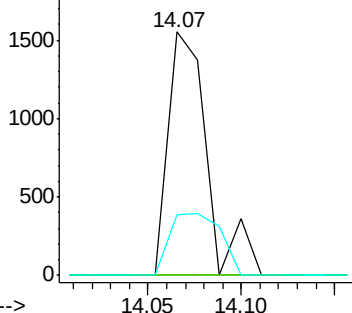
229 25.1 16.3 24.5#



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



#82

Chrysene

Concen: 0.07 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.05 min

Lab File: BF082587.D

Acq: 30 Oct 2015 22:31

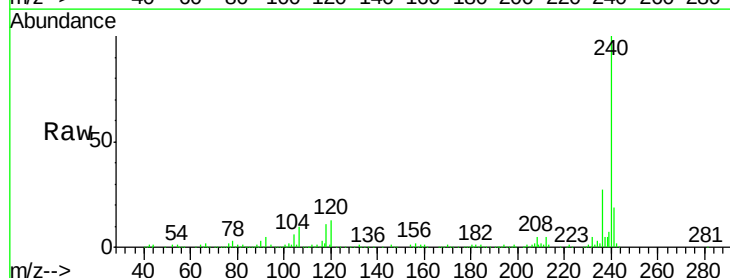
Tgt Ion:228 Resp: 2258

Ion Ratio Lower Upper

228 100

226 0.0 25.5 38.3#

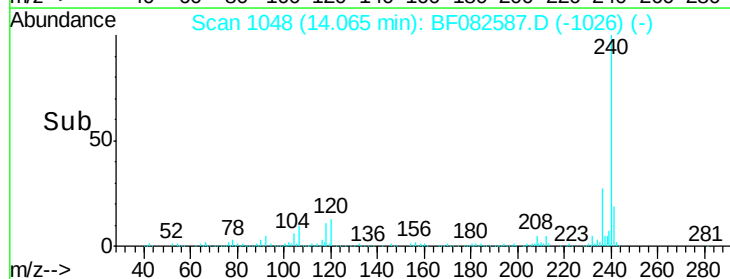
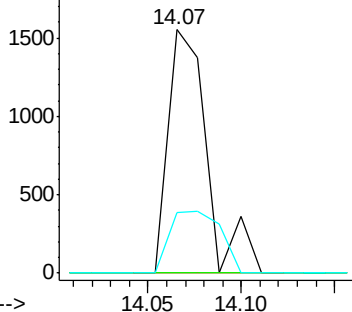
229 25.1 16.3 24.5#

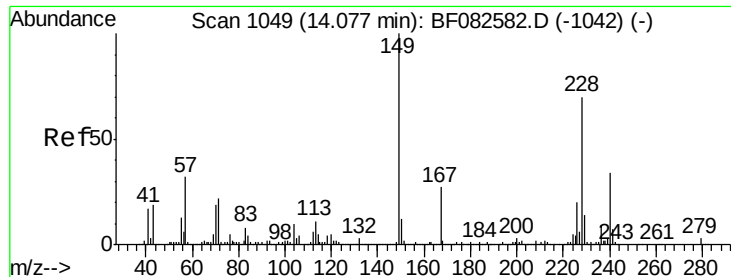


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

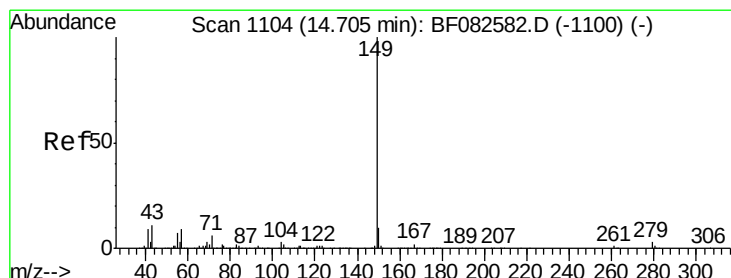
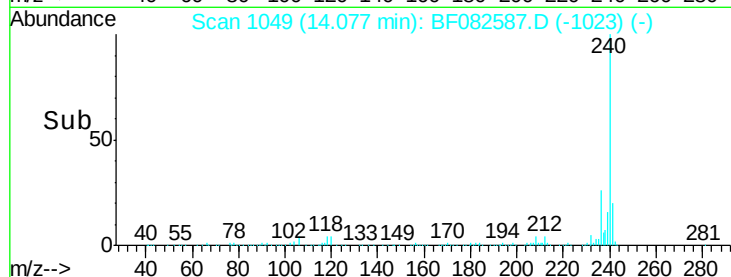
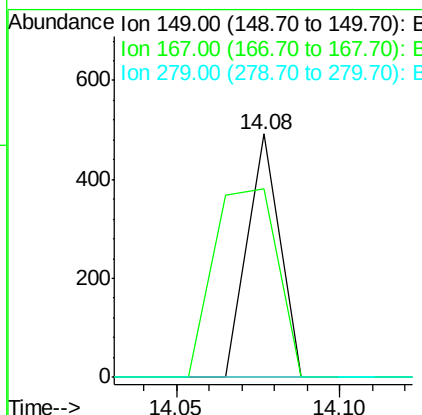
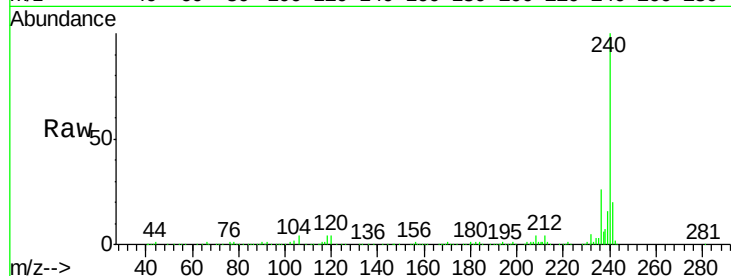




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.01 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF082587.D
 Acq: 30 Oct 2015 22:31

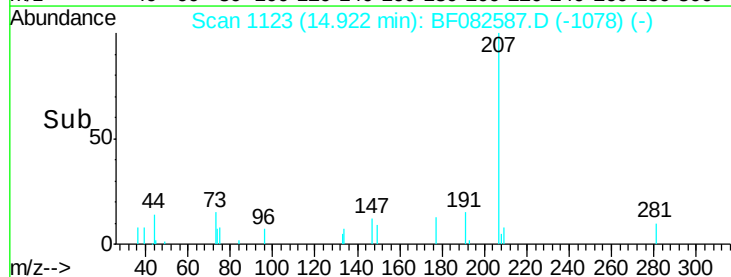
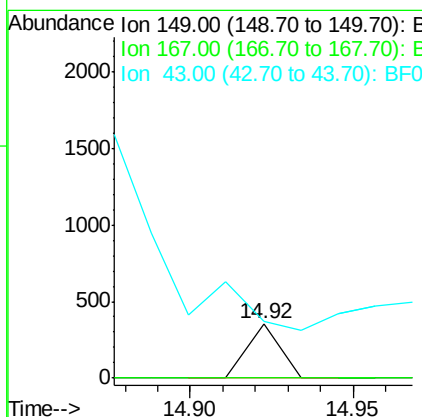
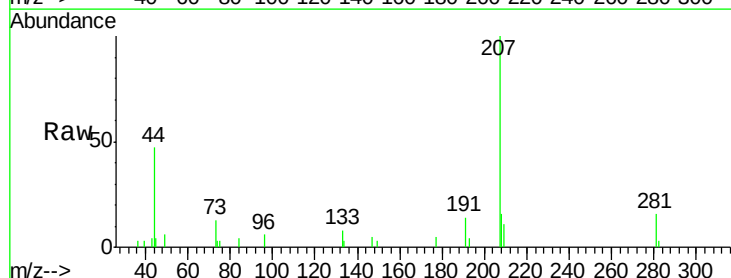
Instrument :
 BNA_F
 ClientSampleId :
 PB86326BL

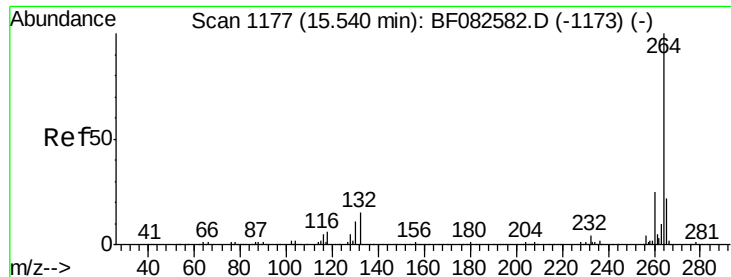
Tgt Ion:149 Resp: 338
 Ion Ratio Lower Upper
 149 100
 167 77.2 21.2 31.8#
 279 0.0 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 14.92 min Scan# 1123
 Delta R.T. 0.22 min
 Lab File: BF082587.D
 Acq: 30 Oct 2015 22:31

Tgt Ion:149 Resp: 245
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 10.1 15.1#

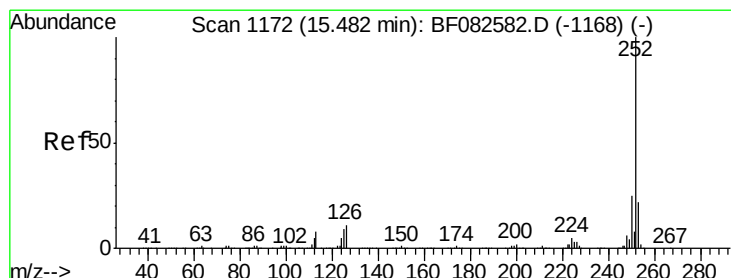
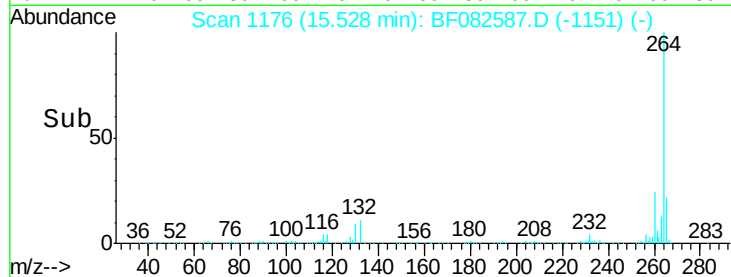
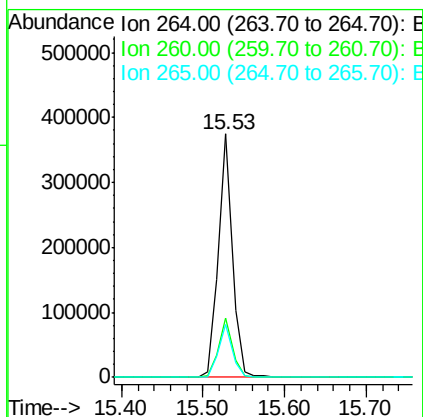
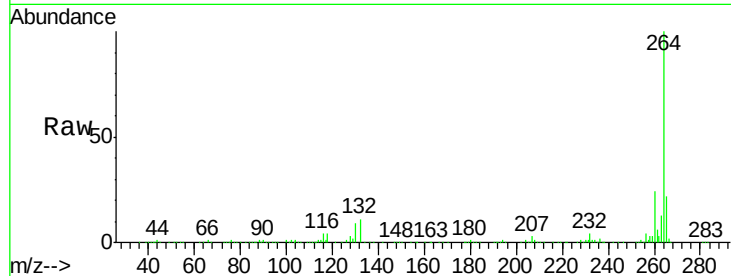




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF082587.D
Acq: 30 Oct 2015 22:31

Instrument :
BNA_F
ClientSampleID :
PB86326BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	21.8	17.4	26.0



#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 15.53 min Scan# 1176
Delta R.T. 0.05 min
Lab File: BF082587.D
Acq: 30 Oct 2015 22:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.1	17.3	25.9#
125	0.0	7.1	10.7#

