

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082588.D
 Acq On : 30 Oct 2015 23:00
 Operator : UM/IZ
 Sample : PB86309BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BL

Quant Time: Oct 31 03:13:13 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	184244	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	755727	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	401431	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	736438	20.00	ng	0.00
75) Chrysene-d12	14.07	240	565070	20.00	ng	-0.01
86) Perylene-d12	15.53	264	432917	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1321389	108.02	ng	0.01
7) Phenol-d6	6.53	99	1923656	118.37	ng	0.00
23) Nitrobenzene-d5	7.46	82	1265706	68.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	537687	122.39	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2211984	78.23	ng	0.00
78) Terphenyl-d14	13.03	244	1896291	73.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	250	0.04	ng	# 20
4) n-Nitrosodimethylamine	3.17	42	208	0.02	ng	# 1
6) Aniline	6.67	93	2321	0.10	ng	# 1
8) 2-Chlorophenol	6.68	128	614	0.05	ng	# 1
9) Benzaldehyde	6.53	77	3614	0.33	ng	# 9
10) Phenol	6.53	94	313	0.02	ng	# 1
11) bis(2-Chloroethyl)ether	6.67	93	2321	0.17	ng	# 1
12) 1,3-Dichlorobenzene	7.06	146	229	0.02	ng	# 1
13) 1,4-Dichlorobenzene	7.06	146	229	0.02	ng	# 1
14) 1,2-Dichlorobenzene	7.06	146	229	0.02	ng	# 1
15) Benzyl Alcohol	7.06	79	24270	1.60	ng	# 58
19) n-Nitroso-di-n-propylamine	7.46	70	174424	14.16	ng	# 76
24) Nitrobenzene	7.46	77	4495	0.24	ng	# 40
31) Naphthalene	8.30	128	1077	0.03	ng	# 1
33) 4-Chloroaniline	8.30	127	226	0.01	ng	# 1
45) 1,1'-Biphenyl	9.28	154	4357	0.13	ng	# 1
47) 2-Nitroaniline	9.26	65	5000	0.49	ng	# 1
50) 2,6-Dinitrotoluene	9.95	165	50825	7.48	ng	# 18
51) Acenaphthene	9.95	154	1616	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.95	165	50829	5.53	ng	# 16
57) Fluorene	10.74	166	19396	0.66	ng	# 85
59) Diethylphthalate	10.36	149	1441	0.04	ng	# 59
62) Azobenzene	10.73	77	2786	0.07	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.74	198	1483	0.33	ng	# 1
65) n-Nitrosodiphenylamine	10.74	169	19595	0.77	ng	# 51
66) 4-Bromophenyl-phenylether	10.74	248	38128	4.57	ng	# 1
70) Phenanthrene	11.44	178	295	0.01	ng	# 1
71) Anthracene	11.44	178	295	0.01	ng	# 1
73) Di-n-butylphthalate	12.01	149	1789	0.04	ng	# 76
77) Pyrene	13.03	202	7310	0.17	ng	# 59
79) Butylbenzylphthalate	13.56	149	681	0.04	ng	# 45
80) Benzo(a)anthracene	14.07	228	2018	0.06	ng	# 53
82) Chrysene	14.07	228	2018	0.06	ng	# 51
83) Bis(2-ethylhexyl)phthalate	14.07	149	232	0.01	ng	# 1

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QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

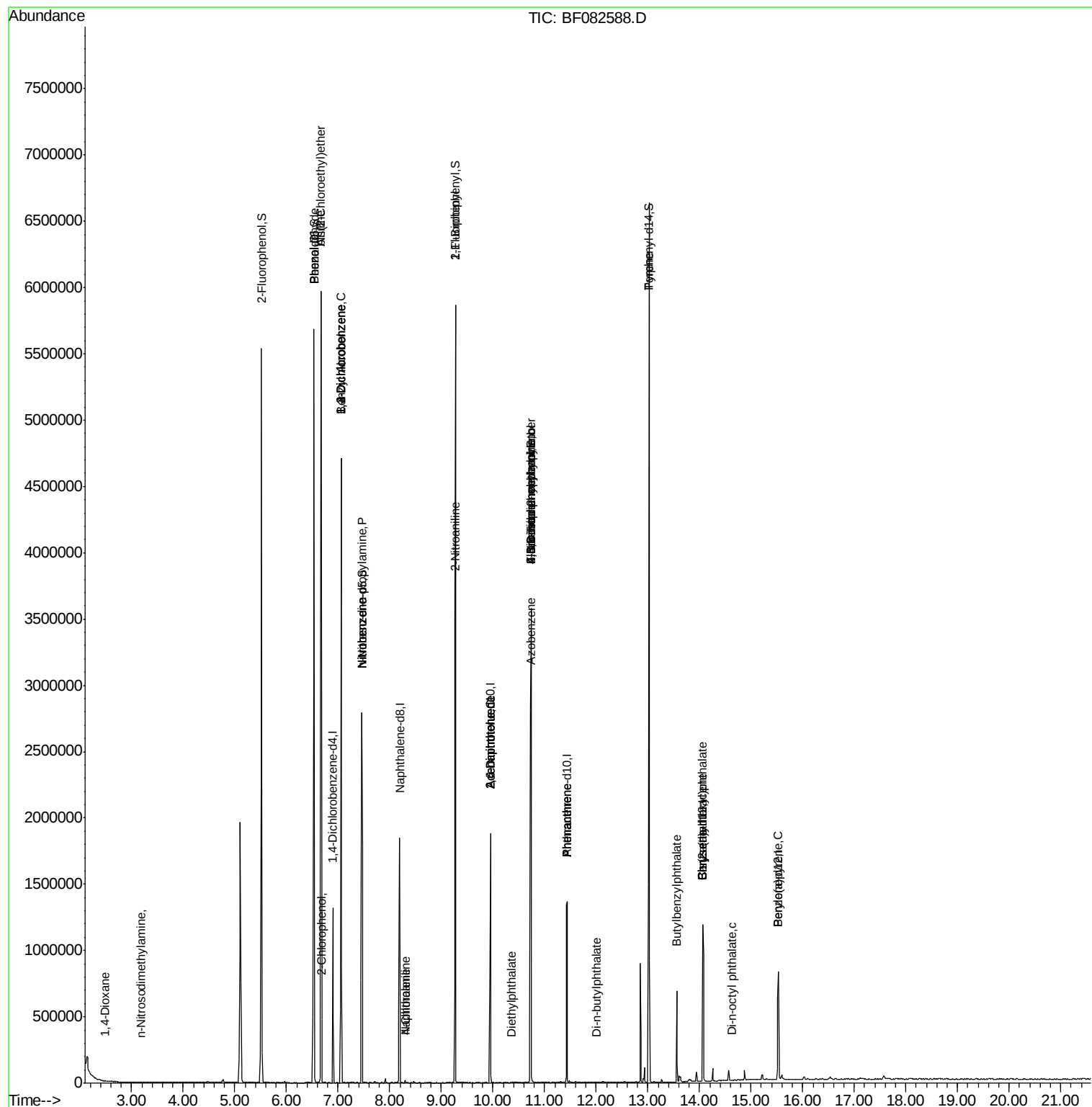
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.64	149	211	0.01	ng	# 71
89) Benzo(a)pyrene	15.53	252	1212	0.05	ng	# 86

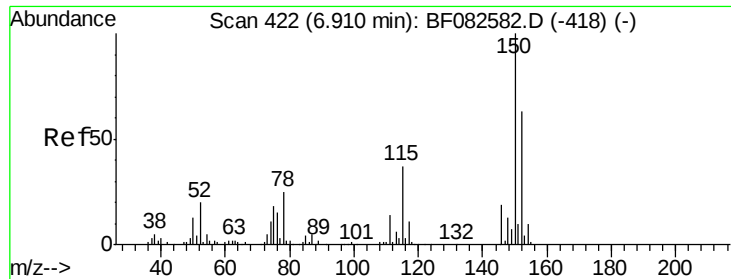
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

PB86309BL

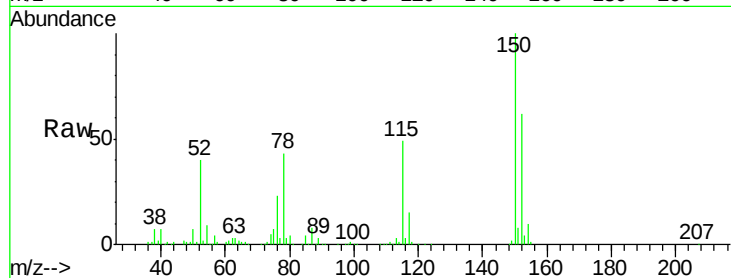
Tgt Ion:152 Resp: 184244

Ion Ratio Lower Upper

152 100

150 162.2 127.0 190.4

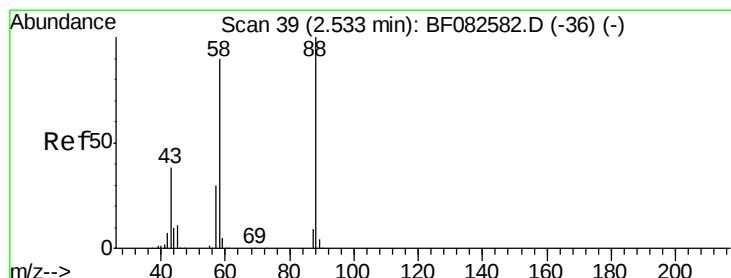
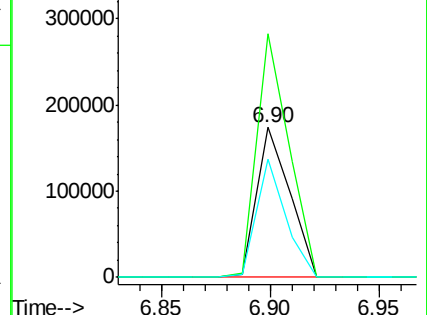
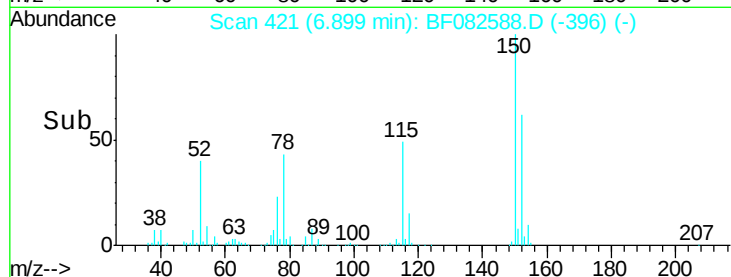
115 79.0 47.0 70.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.04 ng

RT: 2.49 min Scan# 35

Delta R.T. -0.05 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

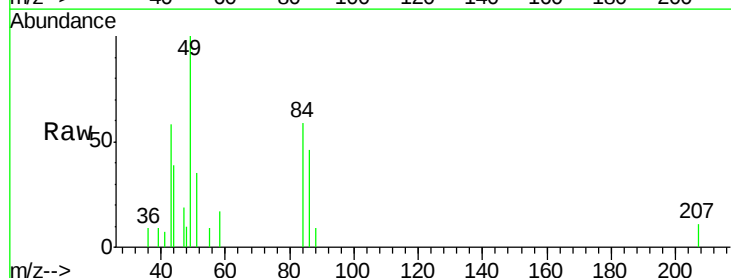
Tgt Ion: 88 Resp: 250

Ion Ratio Lower Upper

88 100

58 0.0 62.0 93.0#

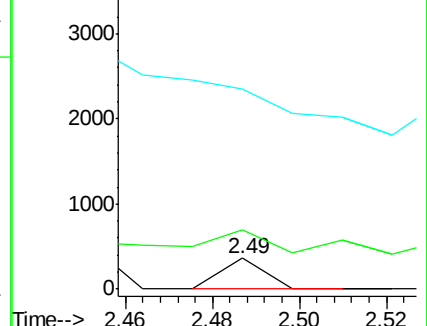
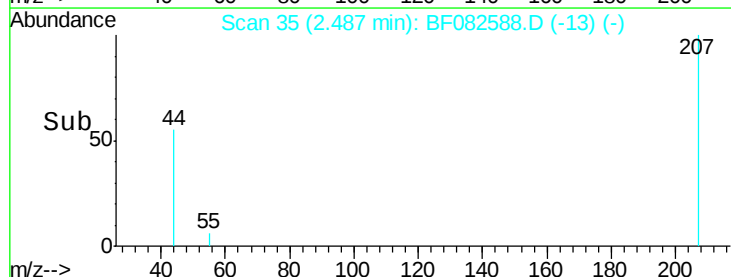
43 0.0 26.6 40.0#

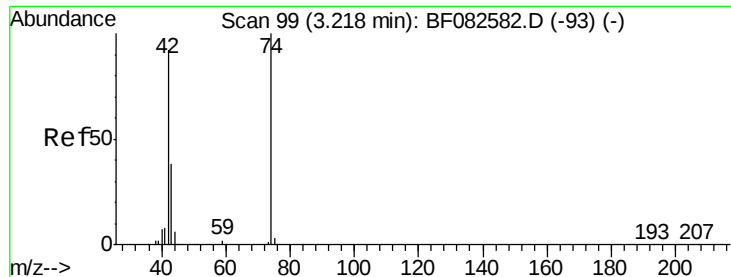


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.17 min Scan# 95

Delta R.T. -0.05 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

PB86309BL

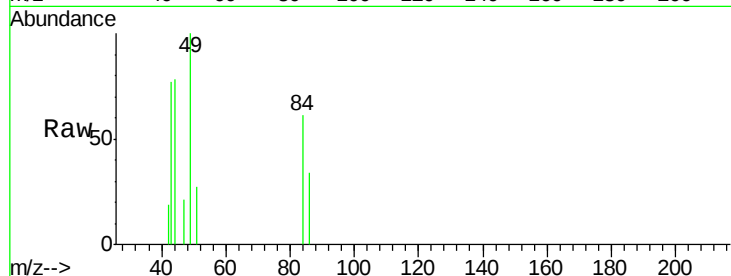
Tgt Ion: 42 Resp: 208

Ion Ratio Lower Upper

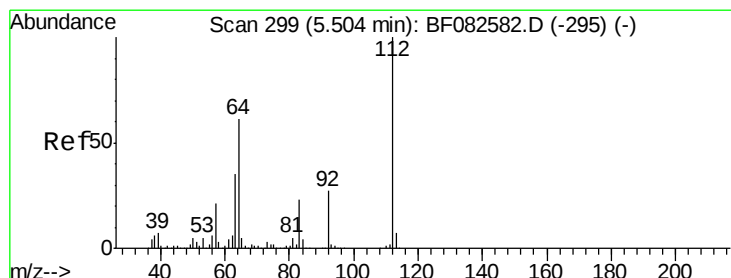
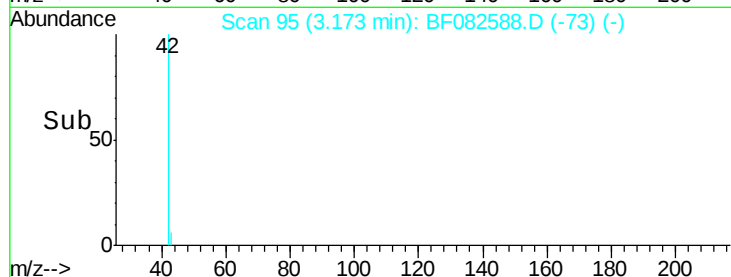
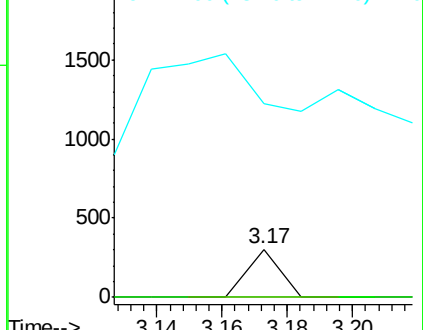
42 100

74 0.0 87.0 130.4#

44 403.6 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: 108.02 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

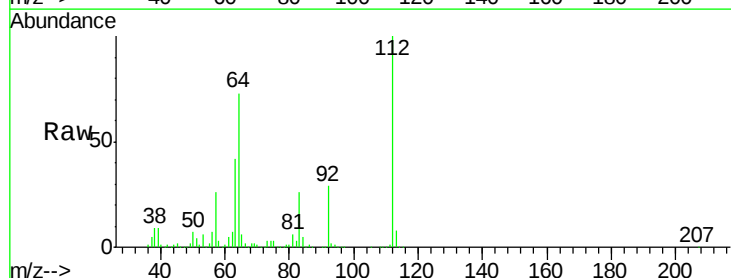
Tgt Ion: 112 Resp: 1321389

Ion Ratio Lower Upper

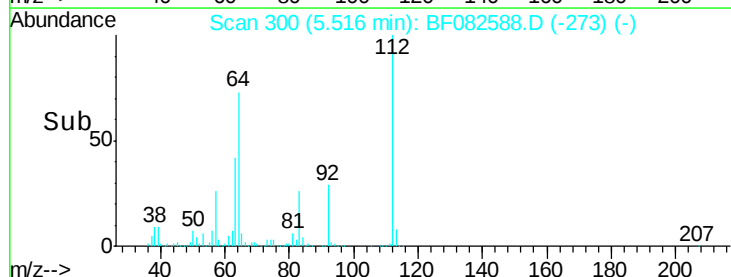
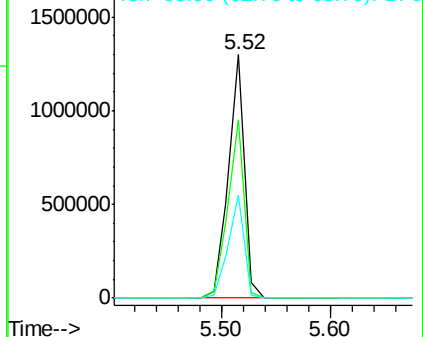
112 100

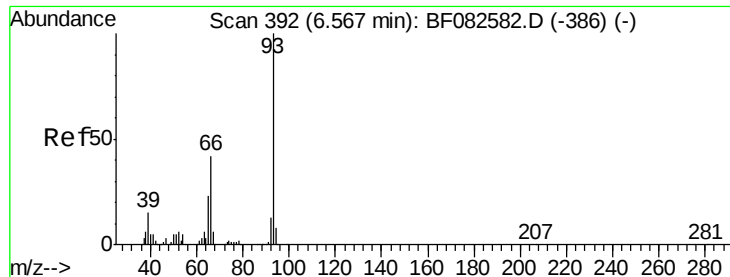
64 73.2 48.9 73.3

63 42.1 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: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

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ClientSampleId :

PB86309BL

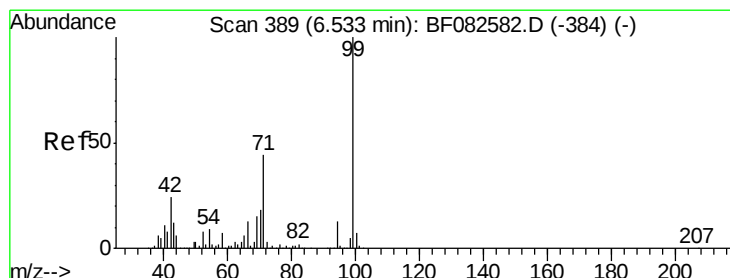
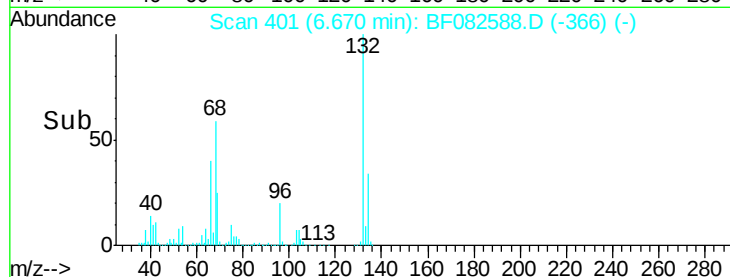
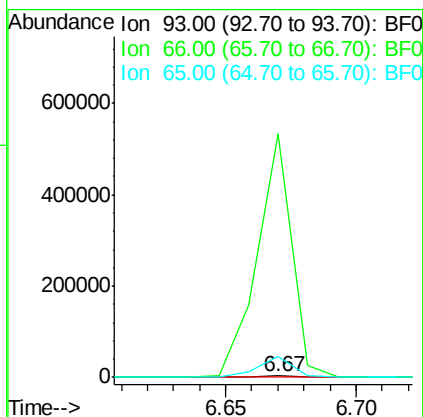
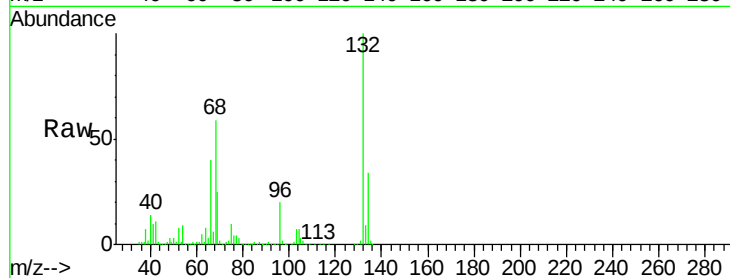
Tgt Ion: 93 Resp: 2321

Ion Ratio Lower Upper

93 100

66 19216.1 33.6 50.4#

65 1629.1 18.1 27.1#



#7

Phenol-d6

Concen: 118.37 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

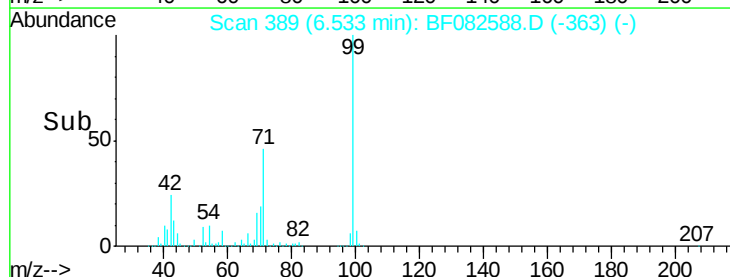
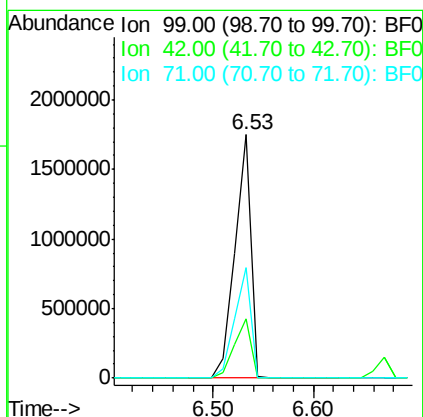
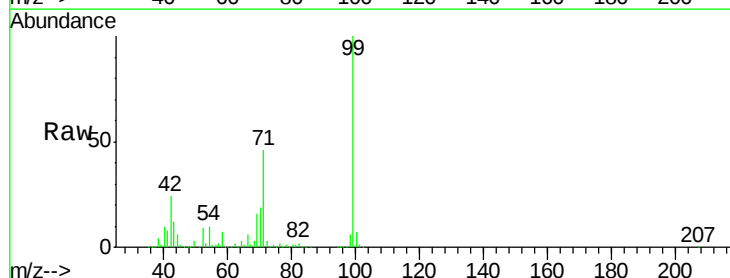
Tgt Ion: 99 Resp: 1923656

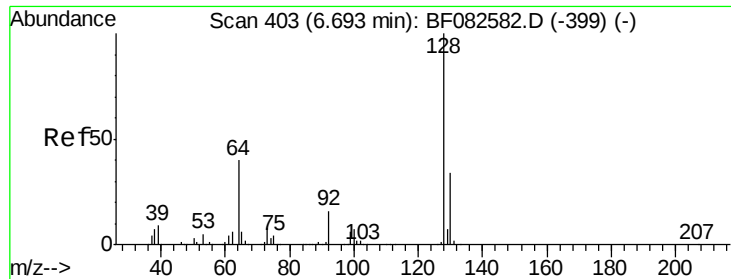
Ion Ratio Lower Upper

99 100

42 24.4 19.2 28.8

71 45.6 35.0 52.4

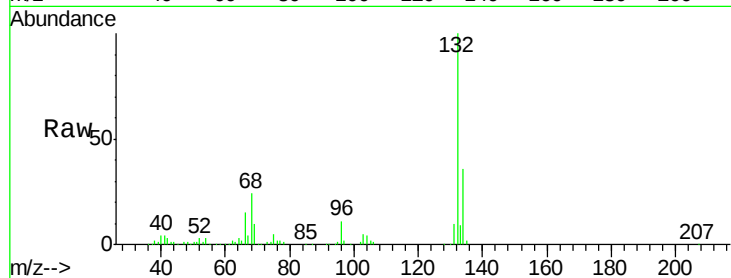




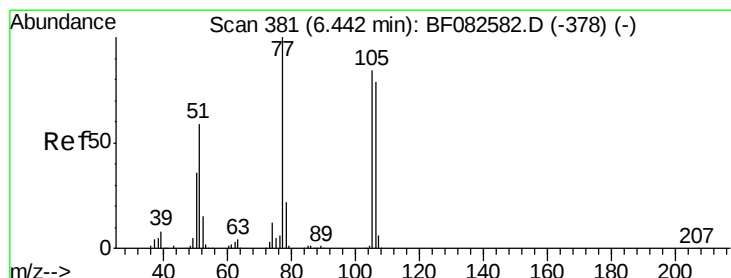
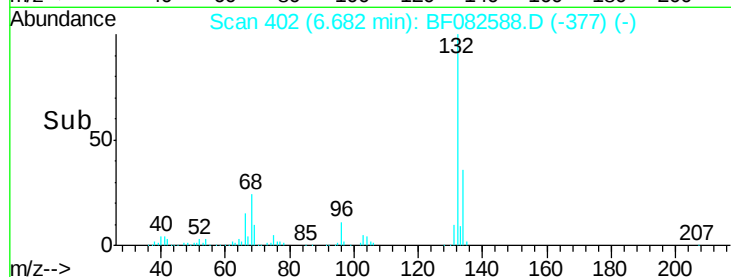
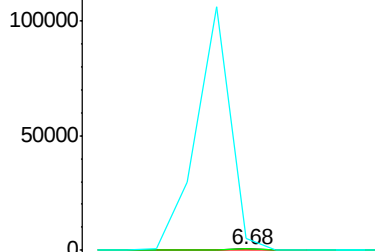
#8
2-Chlorophenol
Concen: 0.05 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF082588.D
Acq: 30 Oct 2015 23:00

Instrument :
BNA_F
ClientSampleId :
PB86309BL

Tgt Ion:128 Resp: 614
Ion Ratio Lower Upper
128 100
130 135.0 13.5 53.5#
64 1017.8 21.1 61.1#

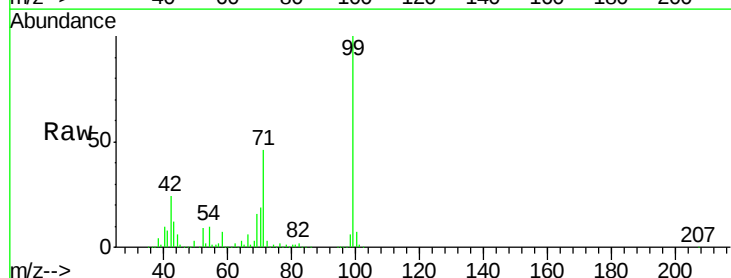


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

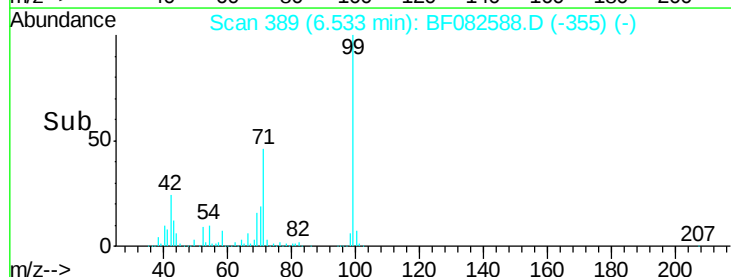
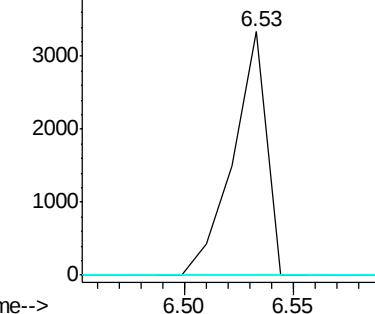


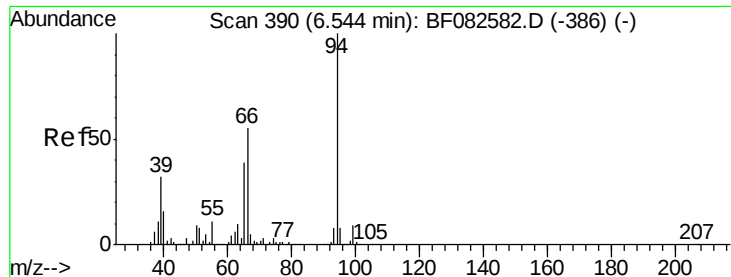
#9
Benzaldehyde
Concen: 0.33 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.09 min
Lab File: BF082588.D
Acq: 30 Oct 2015 23:00

Tgt Ion: 77 Resp: 3614
Ion Ratio Lower Upper
77 100
105 0.0 63.5 103.5#
106 0.0 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: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

PB86309BL

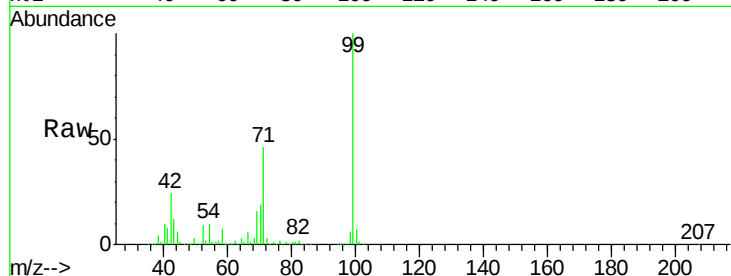
Tgt Ion: 94 Resp: 313

Ion Ratio Lower Upper

94 100

65 4005.3 18.9 58.9#

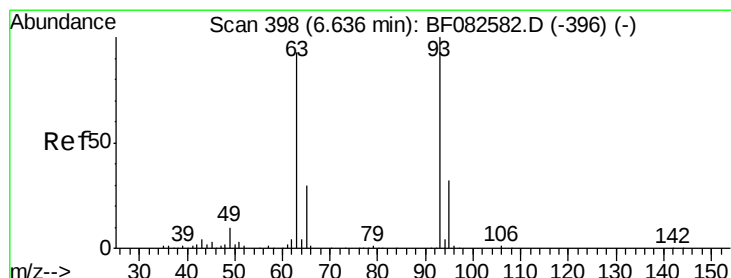
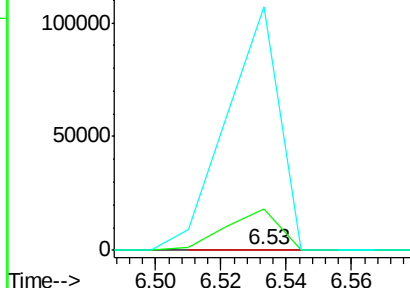
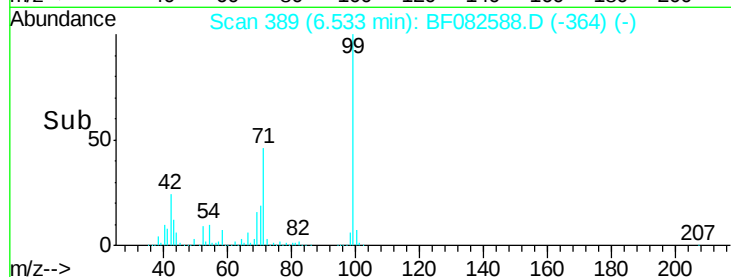
66 23471.9 34.9 74.9#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 0.17 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.03 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

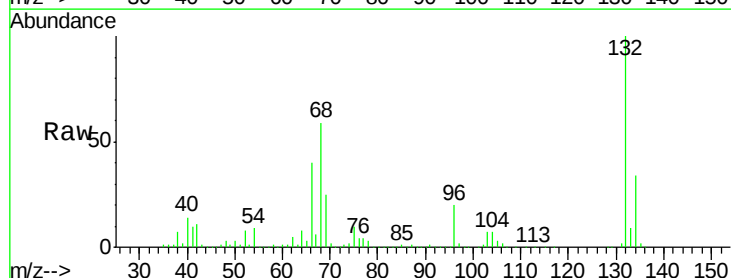
Tgt Ion: 93 Resp: 2321

Ion Ratio Lower Upper

93 100

63 696.0 72.7 112.7#

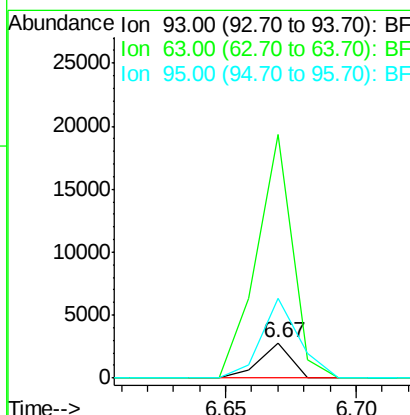
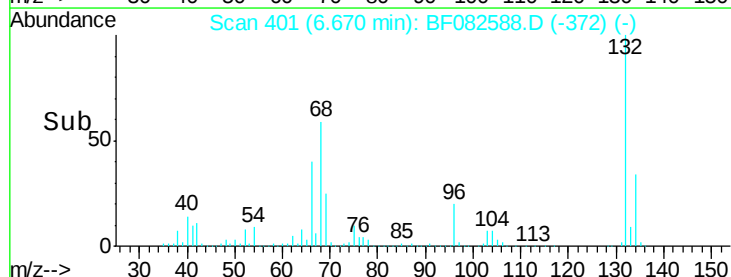
95 229.7 12.0 52.0#

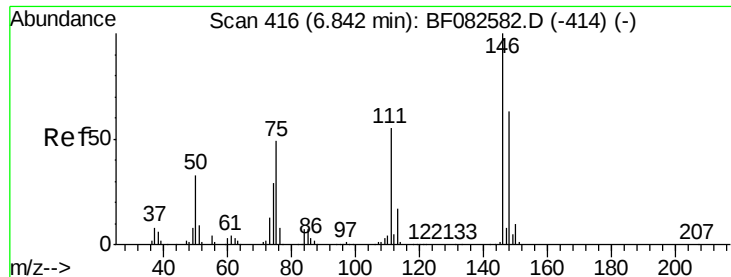


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 0.02 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.22 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampled :

PB86309BL

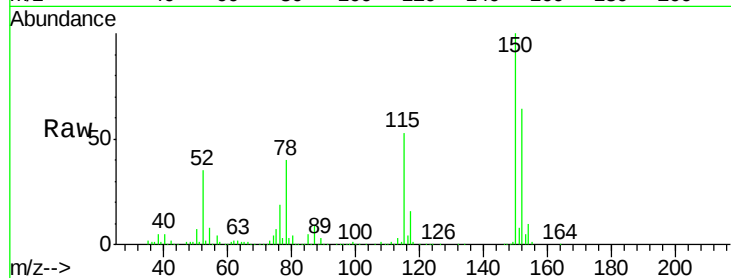
Tgt Ion:146 Resp: 229

Ion Ratio Lower Upper

146 100

148 904.2 50.5 75.7#

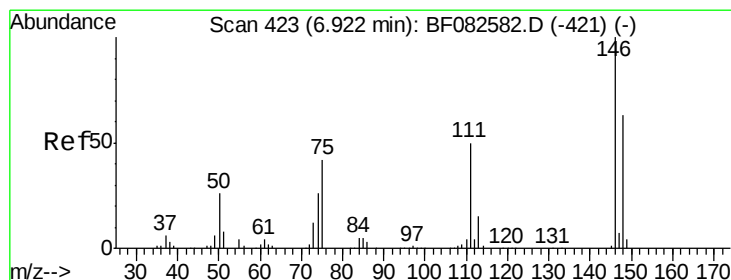
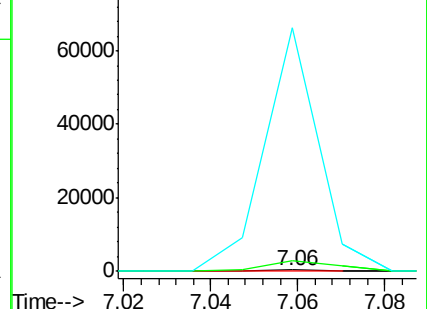
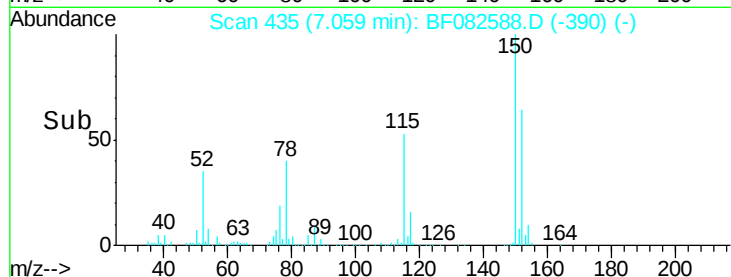
75 19829.9 39.5 59.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 0.02 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.14 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

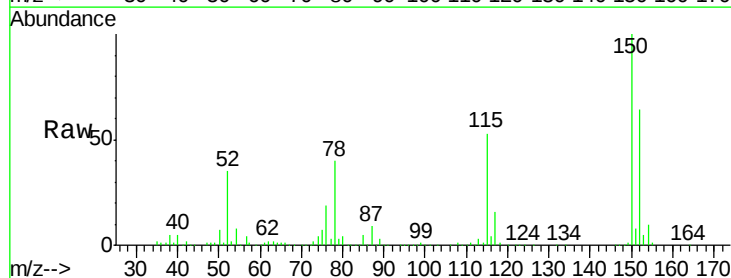
Tgt Ion:146 Resp: 229

Ion Ratio Lower Upper

146 100

148 904.2 50.8 76.2#

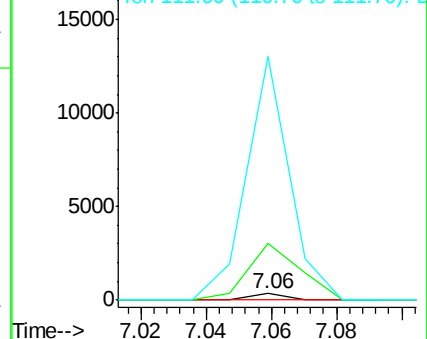
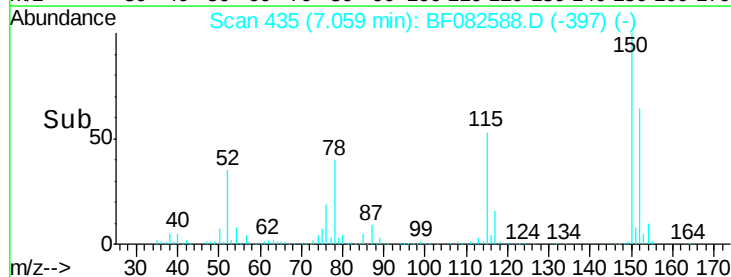
111 3896.4 40.6 60.8#

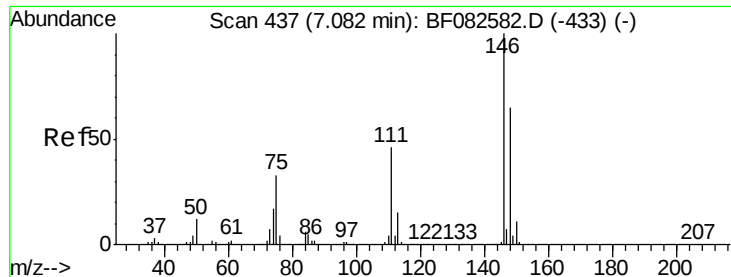


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.02 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

PB86309BL

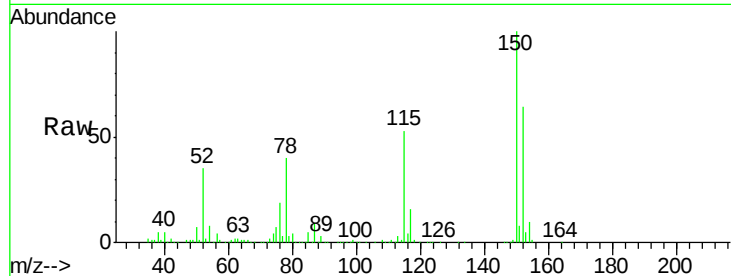
Tgt Ion:146 Resp: 229

Ion Ratio Lower Upper

146 100

148 904.2 52.2 78.4#

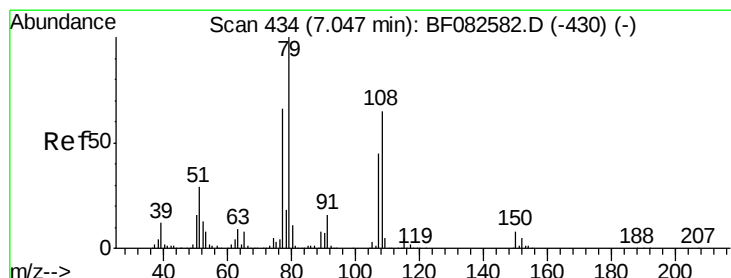
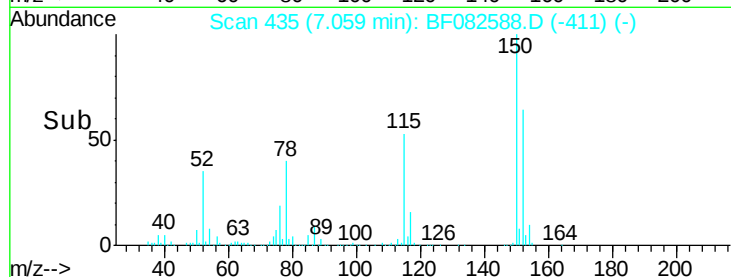
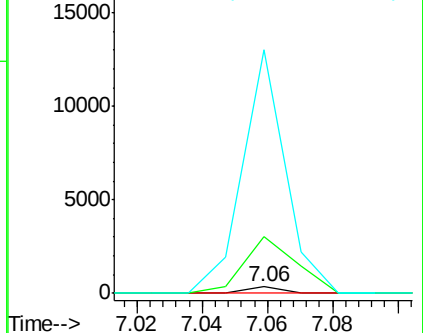
111 3896.4 36.6 55.0#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.60 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

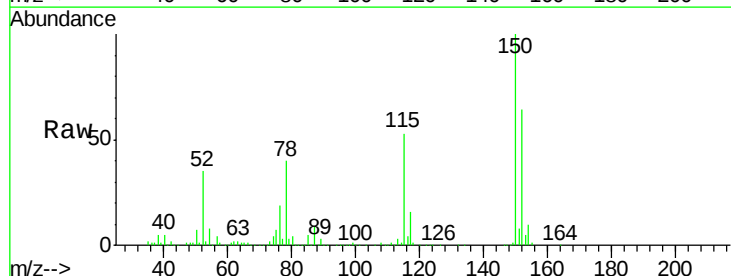
Tgt Ion: 79 Resp: 24270

Ion Ratio Lower Upper

79 100

108 23.7 52.2 78.4#

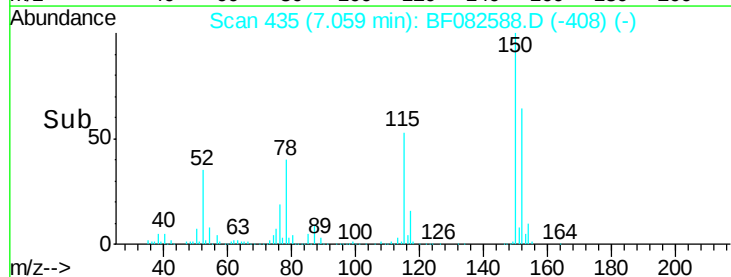
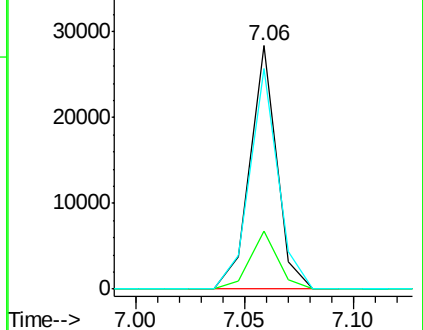
77 90.8 52.7 79.1#

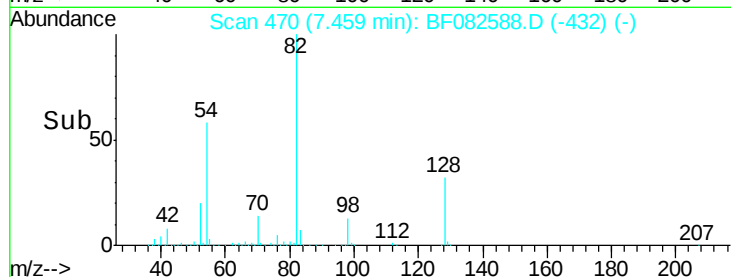
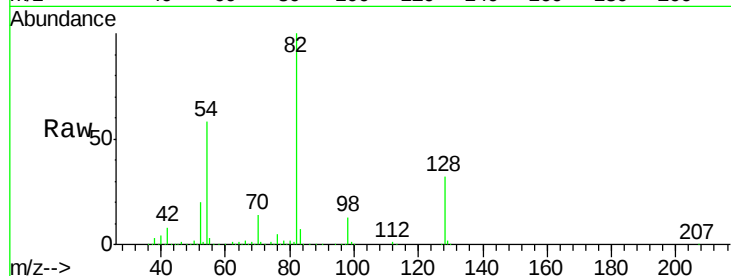
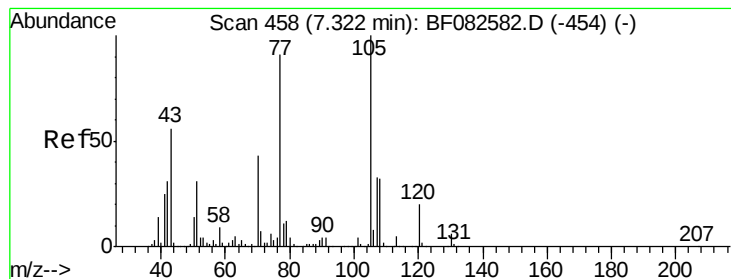


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.16 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

PB86309BL

Tgt Ion: 70 Resp: 174424

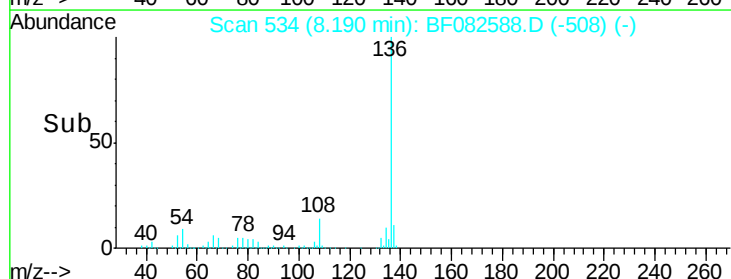
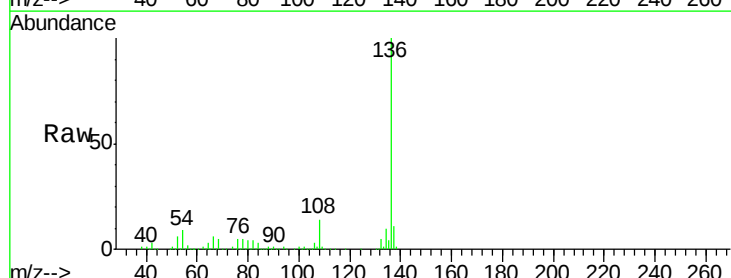
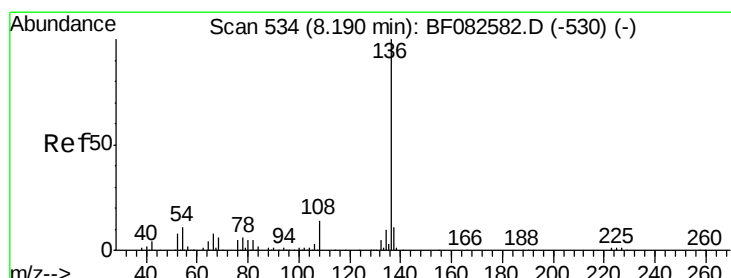
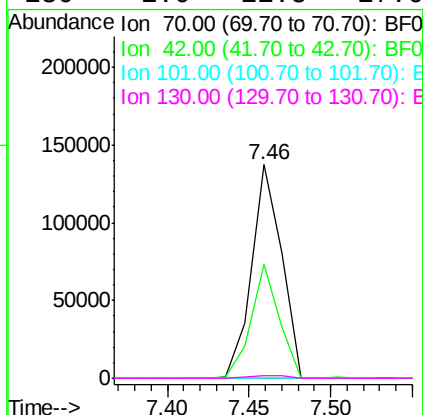
Ion Ratio Lower Upper

70 100

42 53.3 57.7 86.5#

101 0.0 7.0 10.6#

130 1.0 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Tgt Ion: 136 Resp: 755727

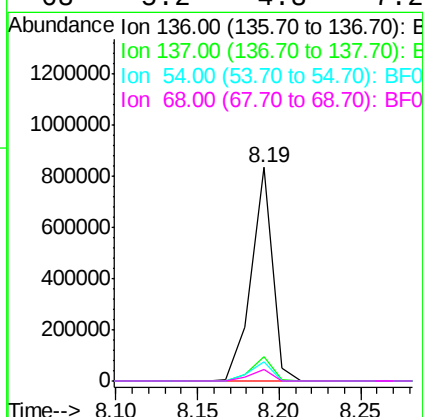
Ion Ratio Lower Upper

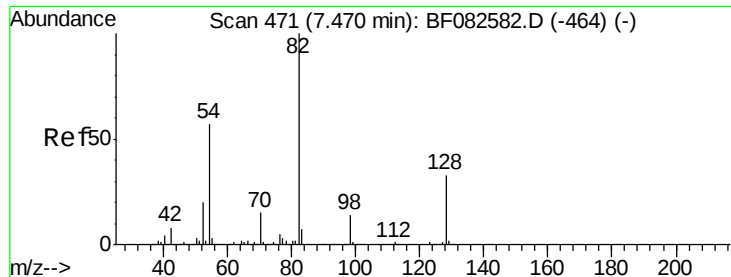
136 100

137 11.4 9.1 13.7

54 9.0 9.1 13.7#

68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 68.39 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

PB86309BL

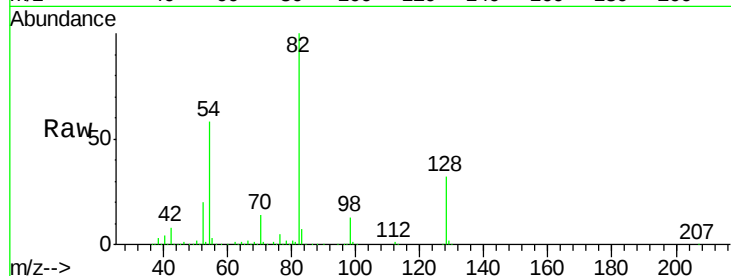
Tgt Ion: 82 Resp: 1265706

Ion Ratio Lower Upper

82 100

128 32.5 26.8 40.2

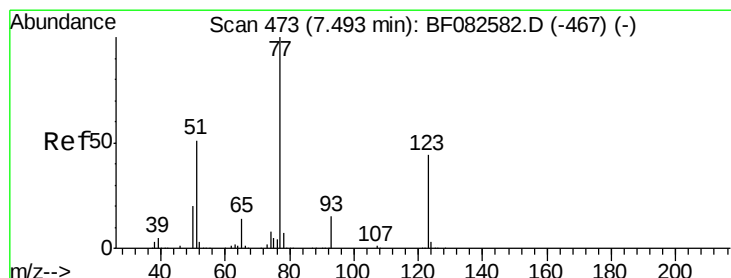
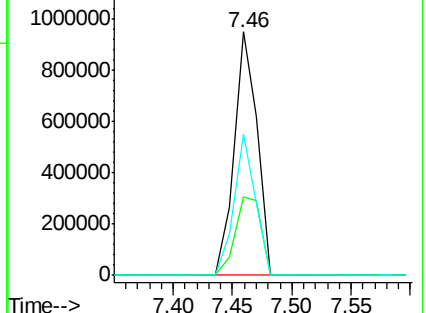
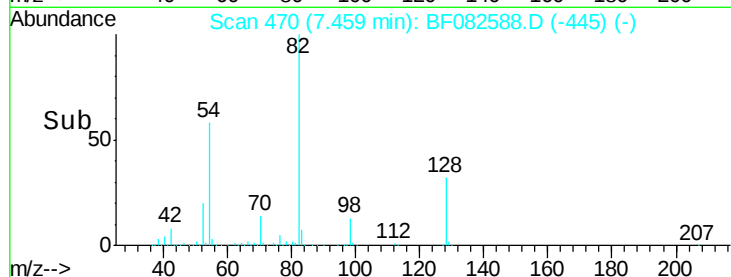
54 58.0 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 0.24 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

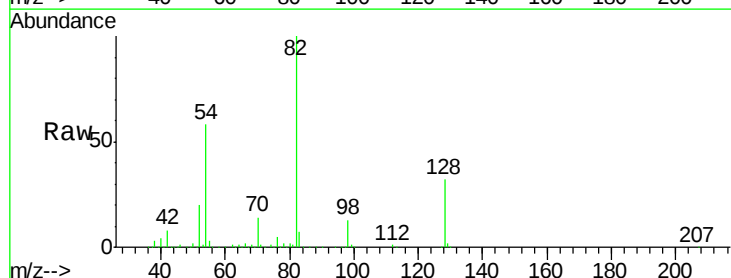
Tgt Ion: 77 Resp: 4495

Ion Ratio Lower Upper

77 100

123 0.0 36.4 54.6#

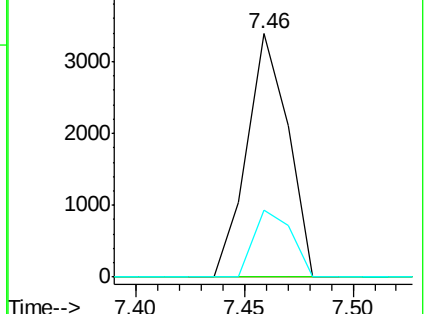
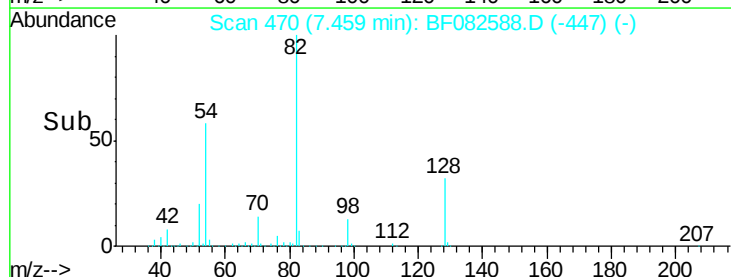
65 27.6 11.5 17.3#

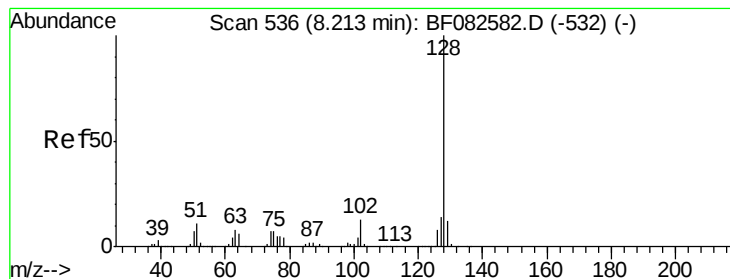


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#31

Naphthalene

Concen: 0.03 ng

RT: 8.30 min Scan# 544

Delta R.T. 0.09 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

PB86309BL

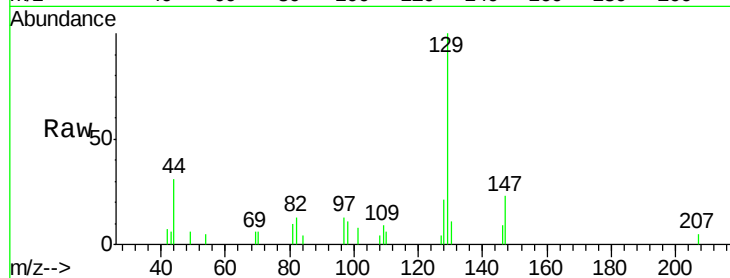
Tgt Ion:128 Resp: 1077

Ion Ratio Lower Upper

128 100

129 487.4 9.5 14.3#

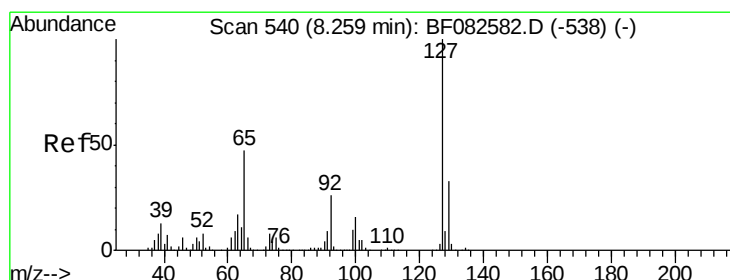
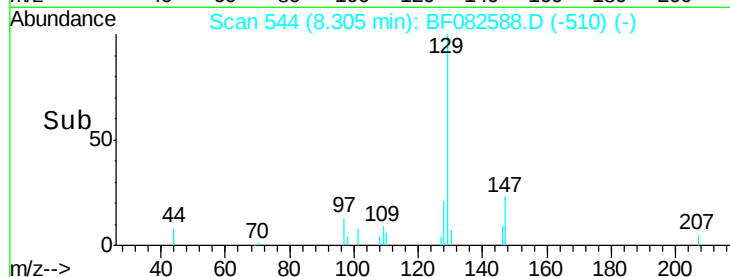
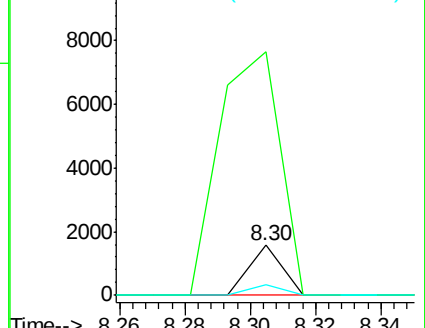
127 21.0 11.4 17.0#



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: 8.30 min Scan# 544

Delta R.T. 0.05 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Tgt Ion:127 Resp: 226

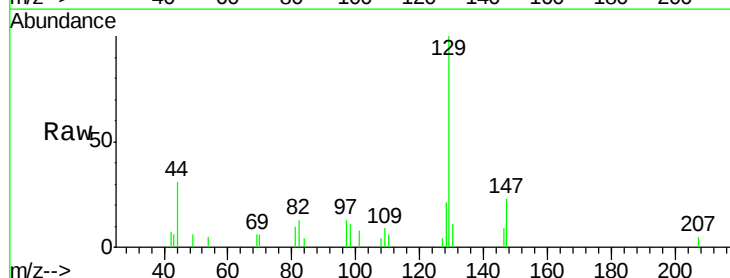
Ion Ratio Lower Upper

127 100

129 2325.8 26.3 39.5#

65 0.0 37.8 56.8#

92 0.0 20.6 31.0#

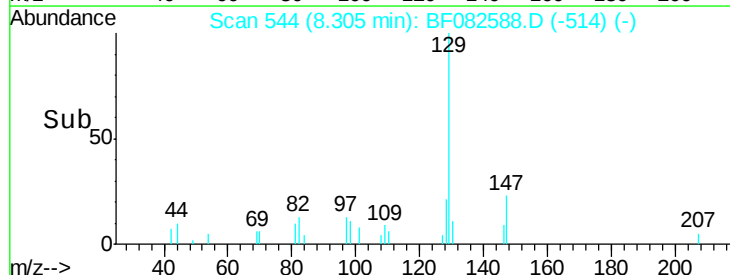
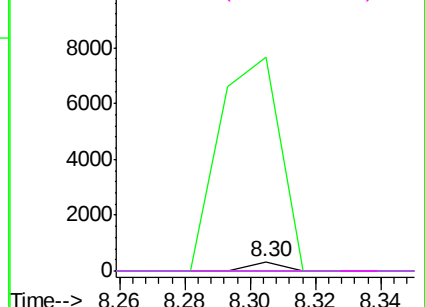


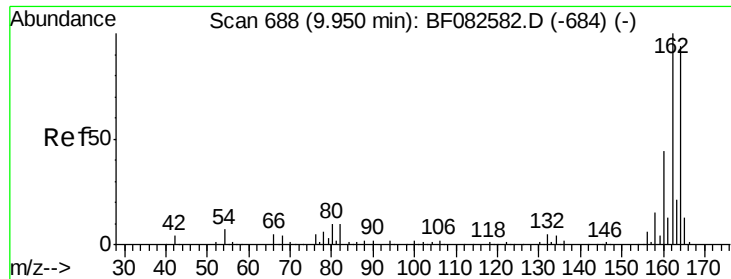
Abundance Ion 127.00 (126.70 to 127.70): E

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

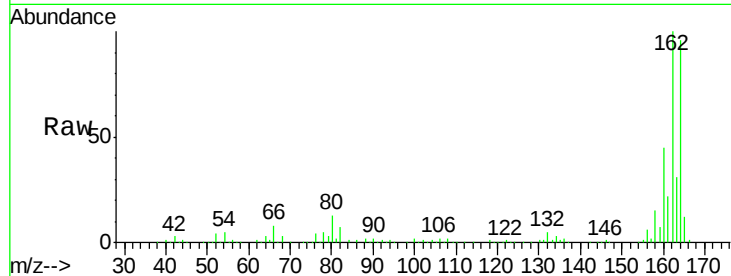




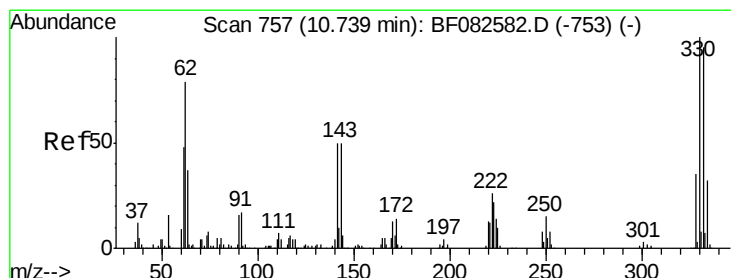
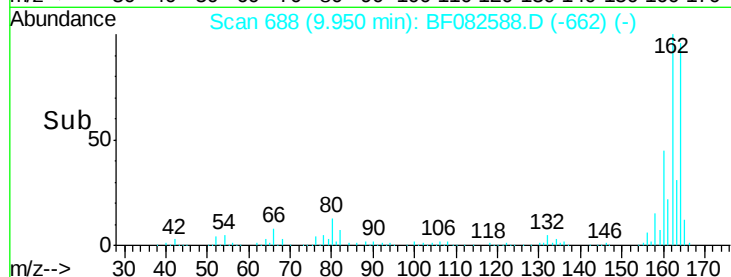
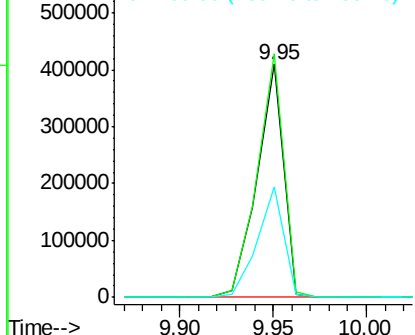
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082588.D
 Acq: 30 Oct 2015 23:00

Instrument :
 BNA_F
 ClientSampled :
 PB86309BL

Tgt Ion:164 Resp: 401431
 Ion Ratio Lower Upper
 164 100
 162 104.4 84.9 127.3
 160 47.1 37.5 56.3

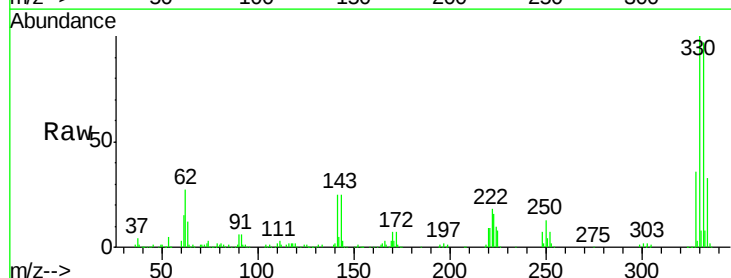


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

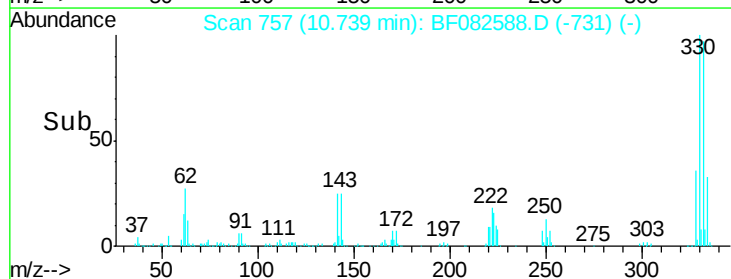
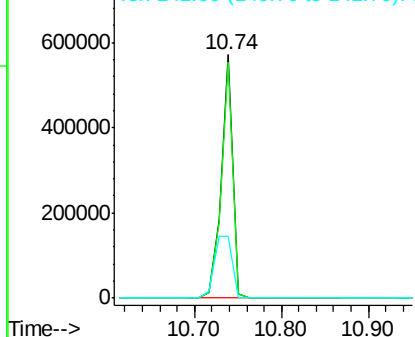


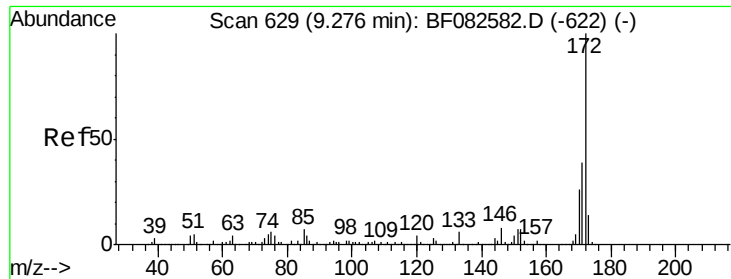
#41
 2,4,6-Tribromophenol
 Concen: 122.39 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082588.D
 Acq: 30 Oct 2015 23:00

Tgt Ion:330 Resp: 537687
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 39.5 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

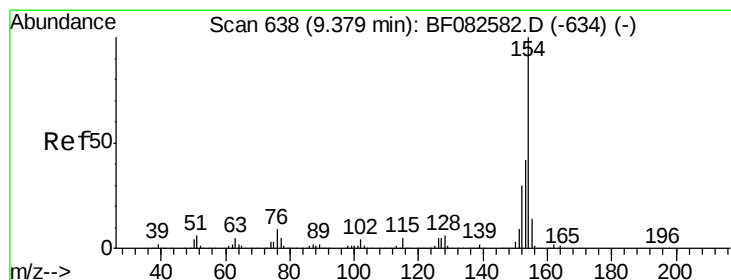
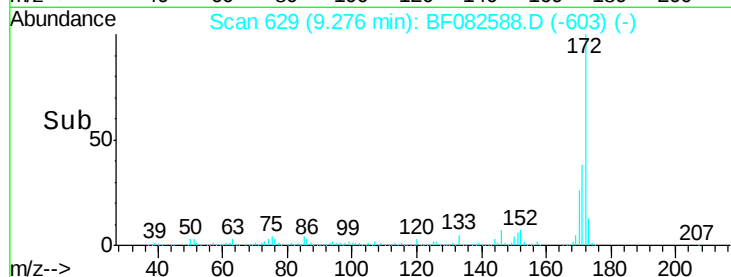
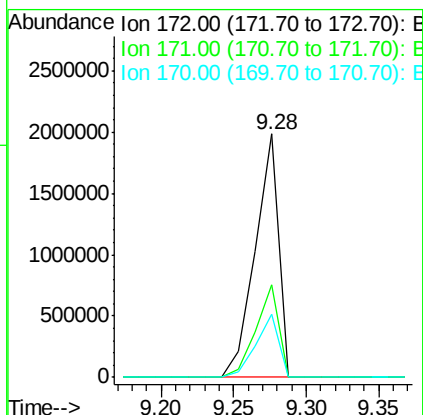
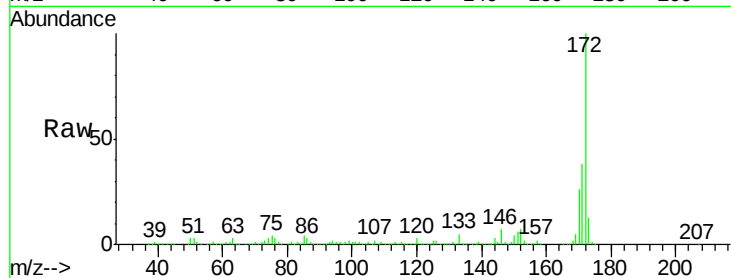




#44
 2-Fluorobiphenyl
 Concen: 78.23 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082588.D
 Acq: 30 Oct 2015 23:00

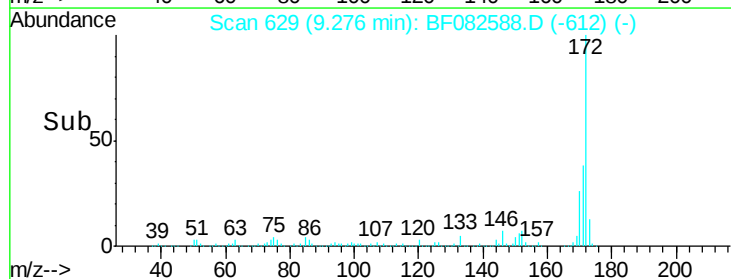
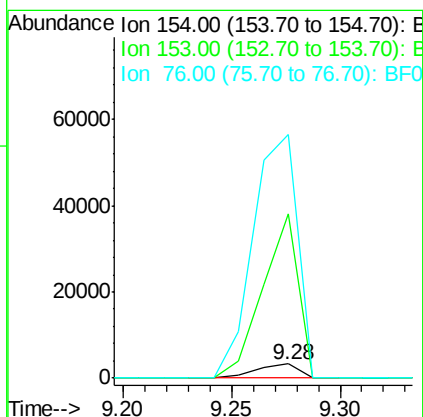
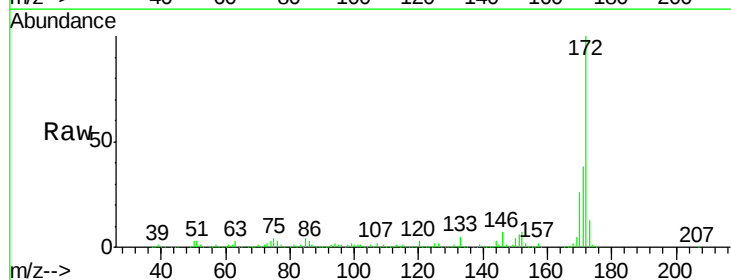
Instrument :
 BNA_F
 ClientSampled :
 PB86309BL

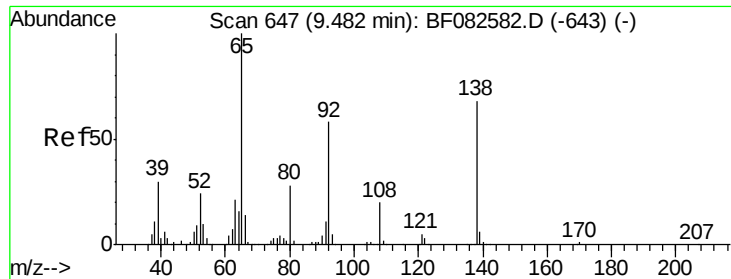
Tgt Ion:172 Resp: 2211984
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.8 46.2
 170 25.8 21.2 31.8



#45
 1,1'-Biphenyl
 Concen: 0.13 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.10 min
 Lab File: BF082588.D
 Acq: 30 Oct 2015 23:00

Tgt Ion:154 Resp: 4357
 Ion Ratio Lower Upper
 154 100
 153 1141.4 22.0 62.0#
 76 1696.8 0.0 29.0#

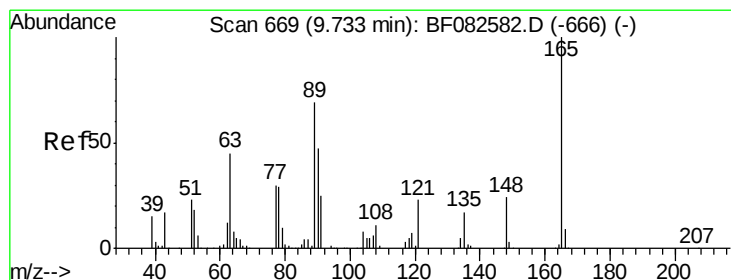
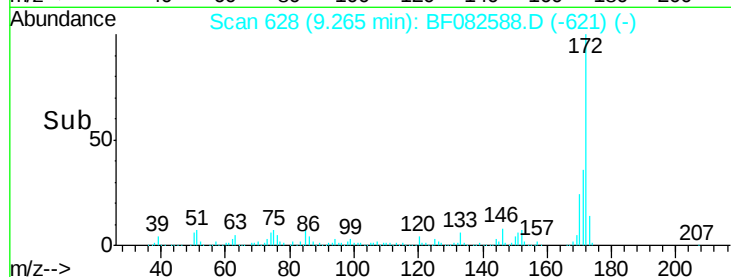
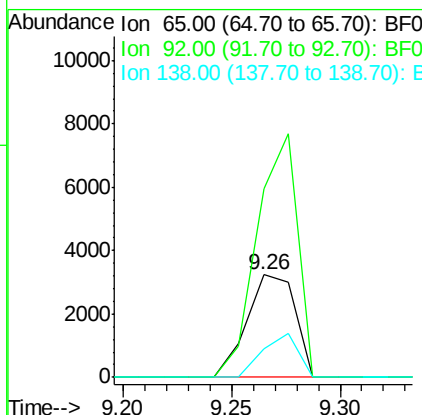
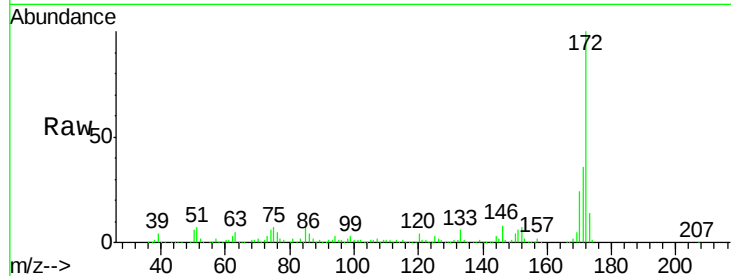




#47
2-Nitroaniline
Concen: 0.49 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.22 min
Lab File: BF082588.D
Acq: 30 Oct 2015 23:00

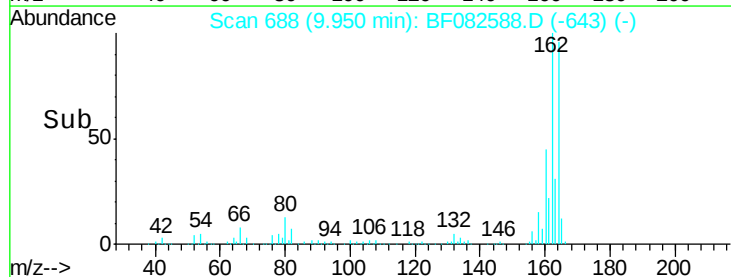
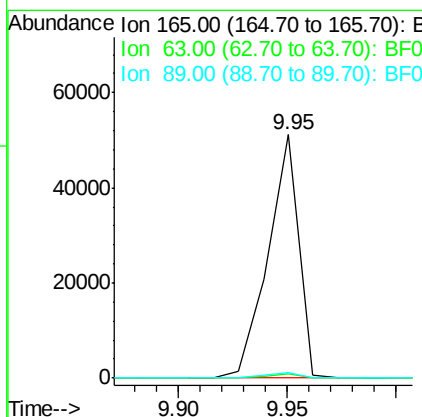
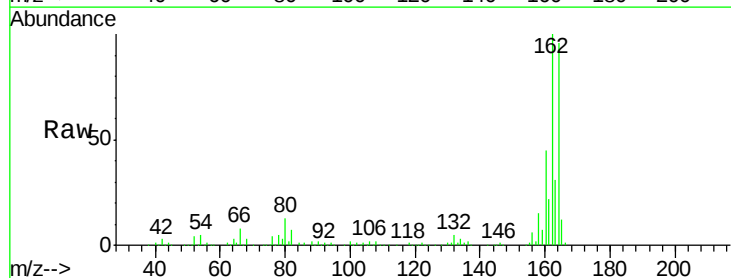
Instrument :
BNA_F
ClientSampleId :
PB86309BL

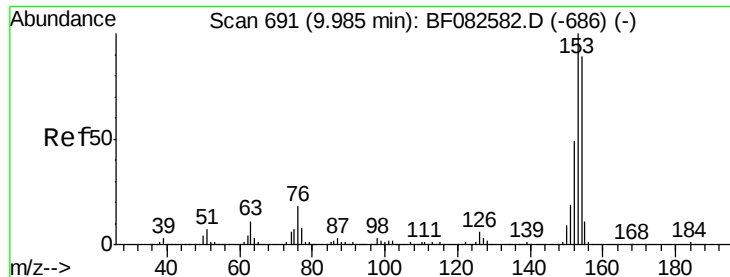
Tgt Ion: 65 Resp: 5000
Ion Ratio Lower Upper
65 100
92 184.0 46.6 70.0#
138 27.6 54.6 81.8#



#50
2,6-Dinitrotoluene
Concen: 7.48 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.22 min
Lab File: BF082588.D
Acq: 30 Oct 2015 23:00

Tgt Ion: 165 Resp: 50825
Ion Ratio Lower Upper
165 100
63 1.6 55.5 83.3#
89 2.4 55.0 82.6#





#51

Acenaphthene

Concen: 0.06 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

PB86309BL

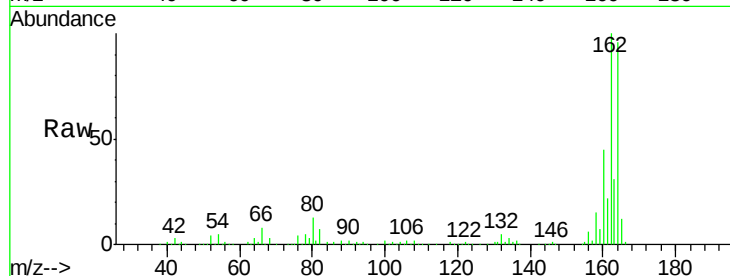
Tgt Ion:154 Resp: 1616

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

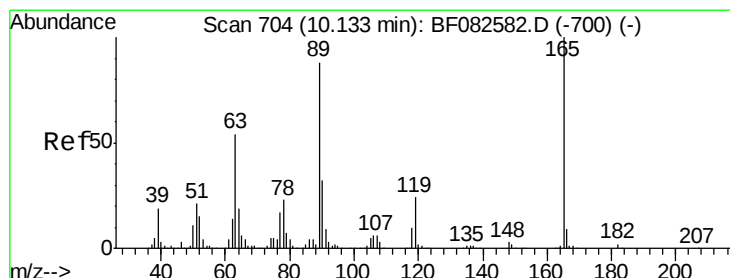
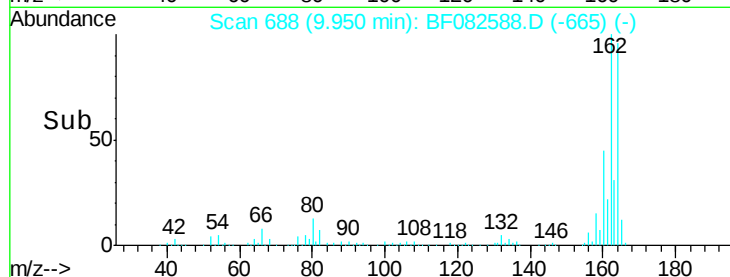
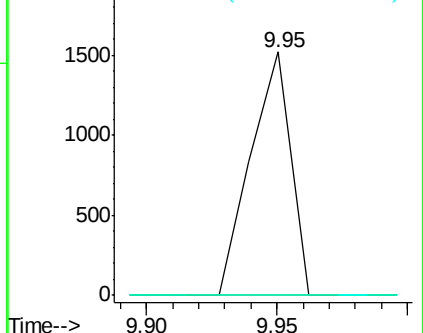
152 0.0 44.3 66.5#



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: 5.53 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.18 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Tgt Ion:165 Resp: 50829

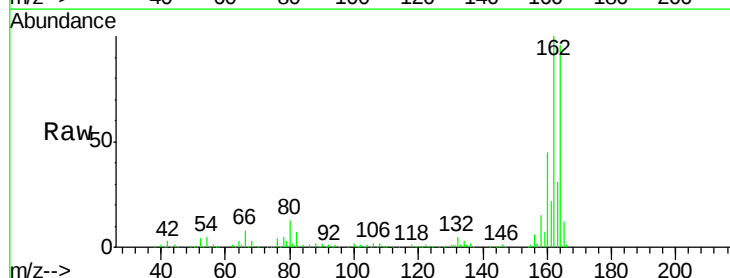
Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.0#

89 2.4 70.6 106.0#

182 0.0 1.5 2.3#

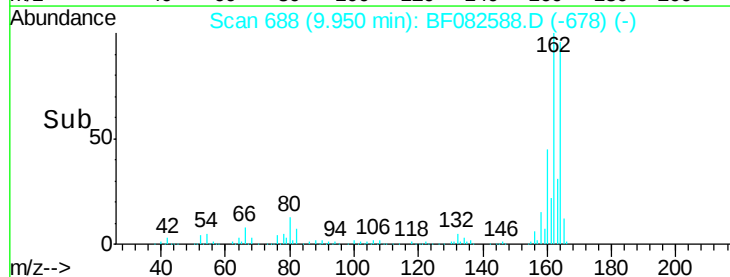
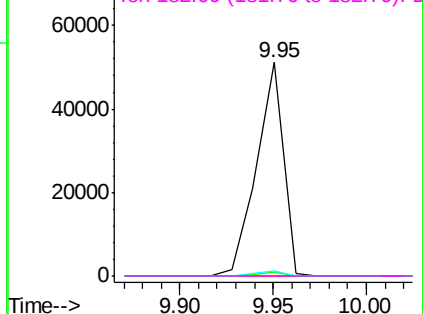


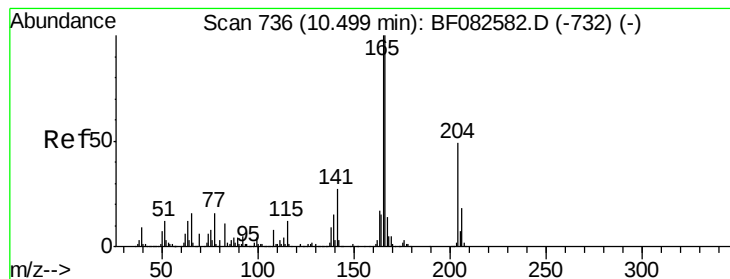
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.66 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.24 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

PB86309BL

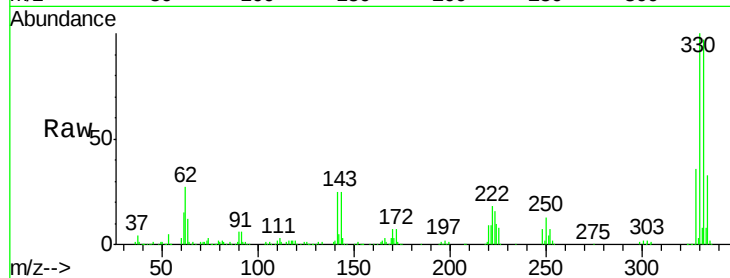
Tgt Ion:166 Resp: 19396

Ion Ratio Lower Upper

166 100

165 91.2 80.2 120.4

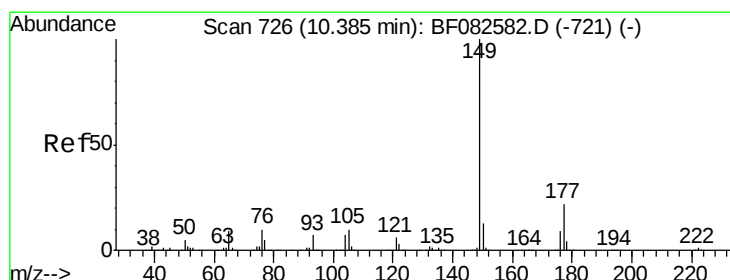
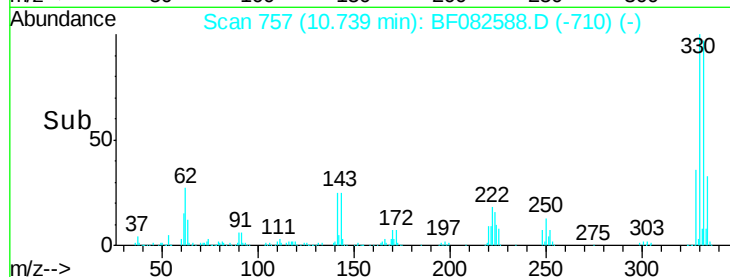
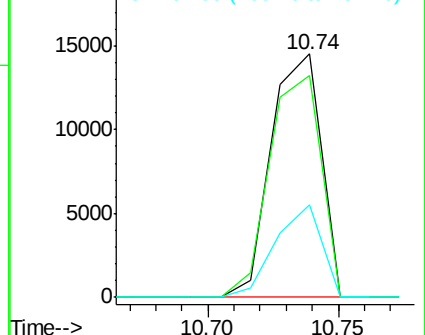
167 38.0 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.04 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

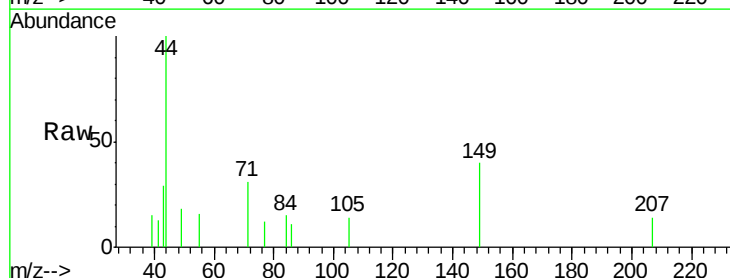
Tgt Ion:149 Resp: 1441

Ion Ratio Lower Upper

149 100

177 0.0 17.9 26.9#

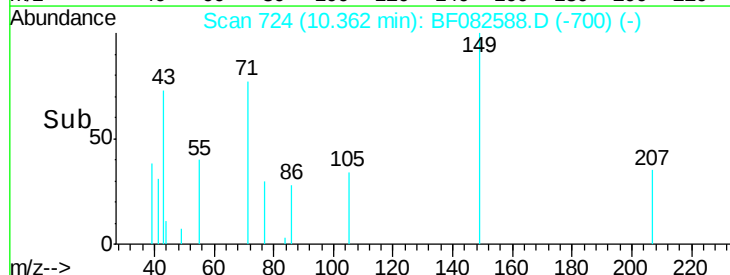
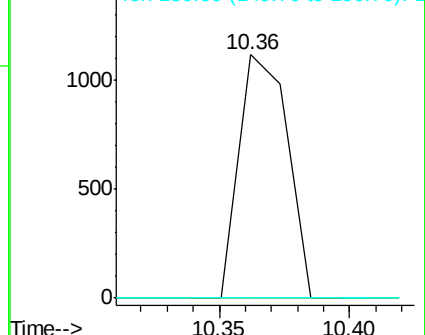
150 0.0 10.1 15.1#

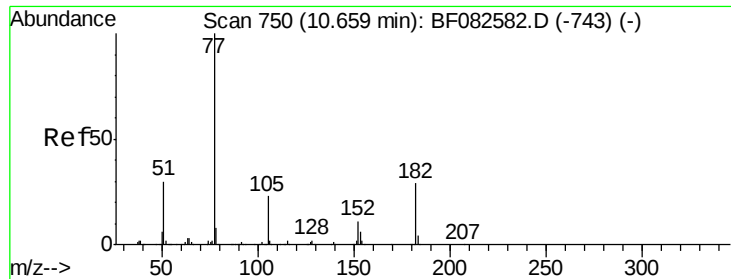


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.07 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.07 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

PB86309BL

Tgt Ion: 77 Resp: 2786

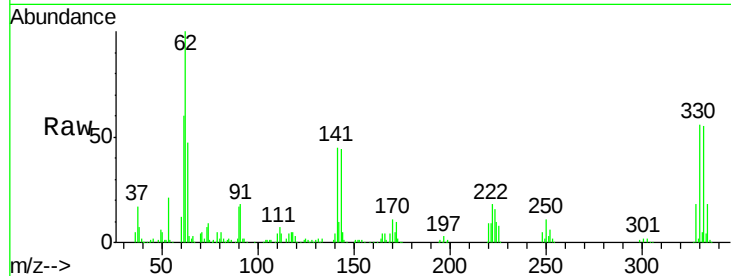
Ion Ratio Lower Upper

77 100

182 0.0 9.3 49.3#

105 98.5 2.6 42.6#

51 102.4 9.9 49.9#

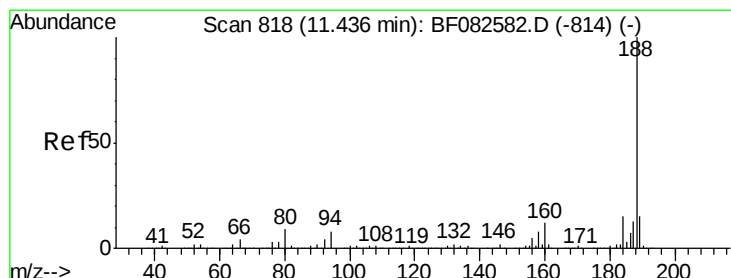
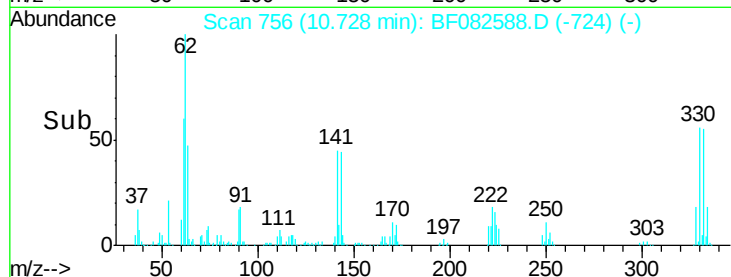
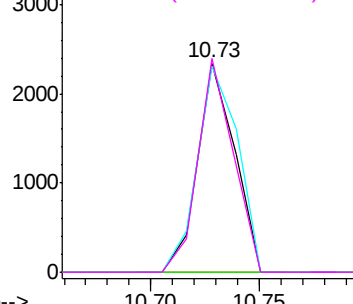


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF082588.D

Acq: 30 Oct 2015 23:00

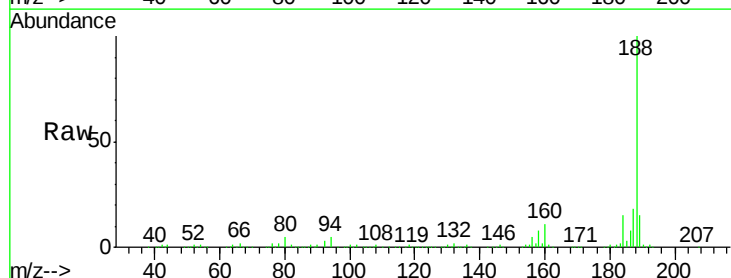
Tgt Ion: 188 Resp: 736438

Ion Ratio Lower Upper

188 100

94 5.2 6.1 9.1#

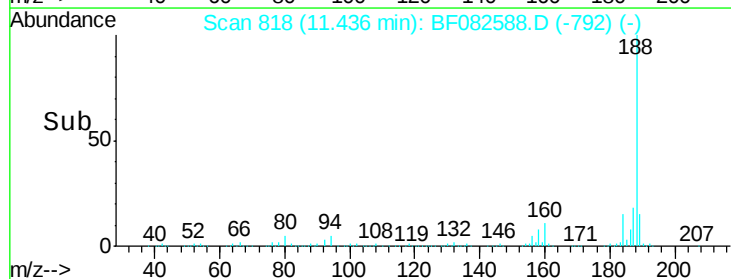
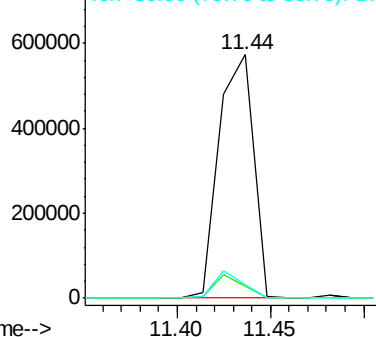
80 5.4 7.0 10.6#

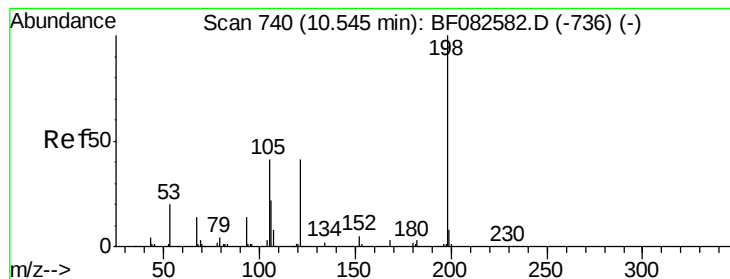


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 0.33 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.20 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

PB86309BL

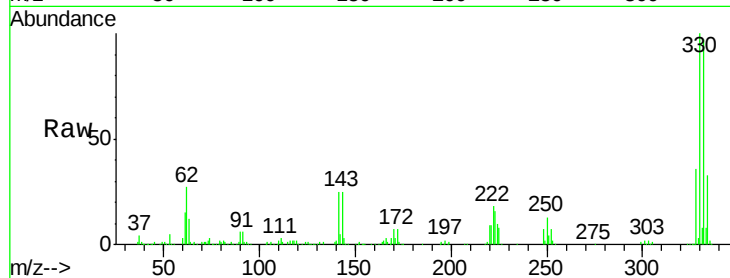
Tgt Ion:198 Resp: 1483

Ion Ratio Lower Upper

198 100

51 88.1 17.3 57.3#

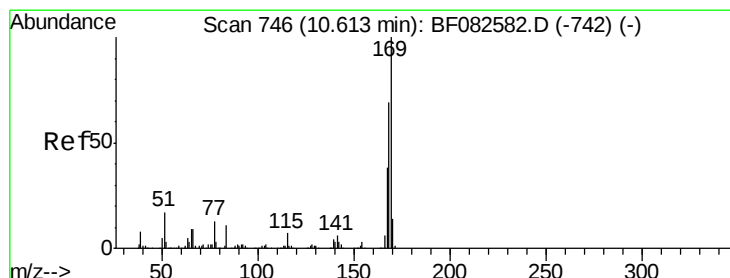
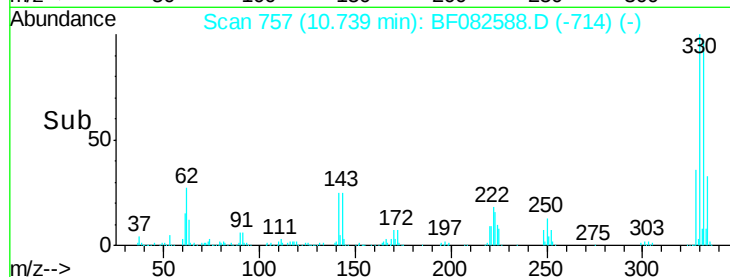
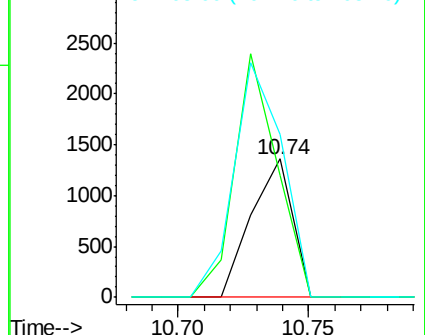
105 118.1 21.7 61.7#



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: 0.77 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.13 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

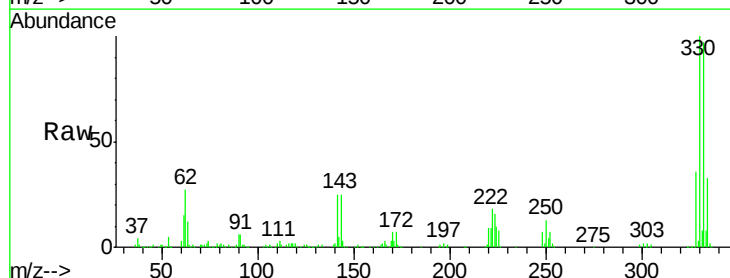
Tgt Ion:169 Resp: 19595

Ion Ratio Lower Upper

169 100

168 7.8 55.0 82.6#

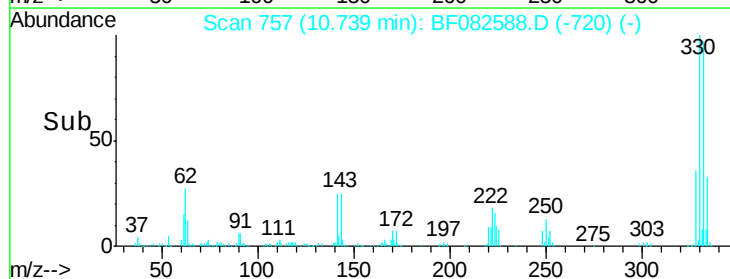
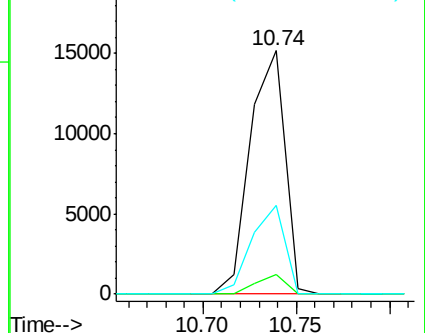
167 36.4 30.5 45.7

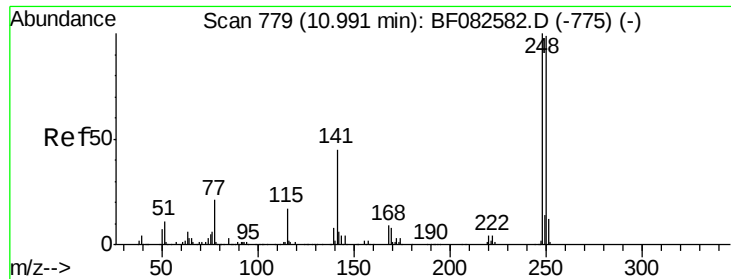


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

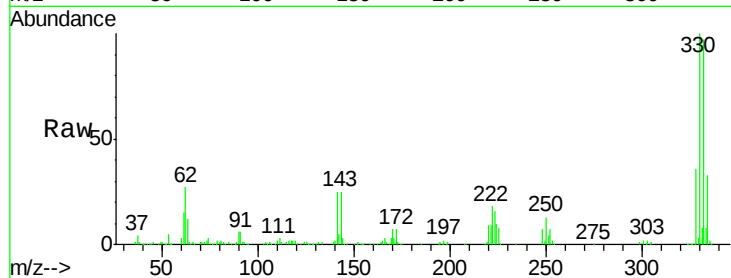




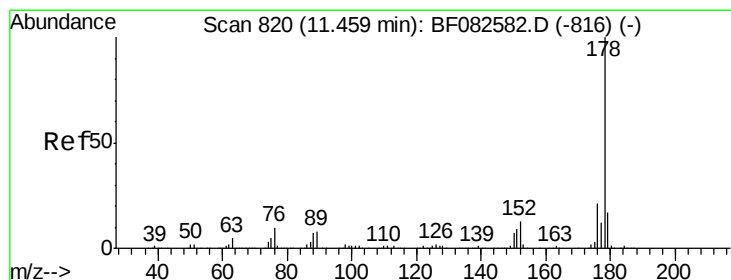
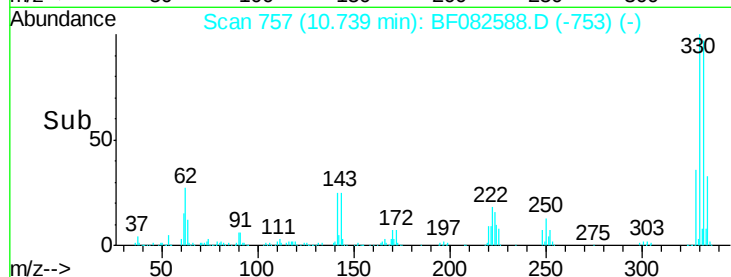
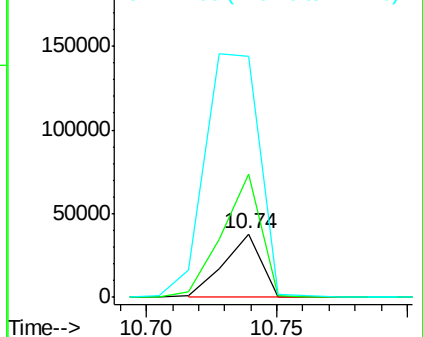
#66
 4-Bromophenyl-phenylether
 Concen: 4.57 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF082588.D
 Acq: 30 Oct 2015 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BL

Tgt Ion:248 Resp: 38128
 Ion Ratio Lower Upper
 248 100
 250 195.3 79.4 119.2#
 141 381.1 36.3 54.5#

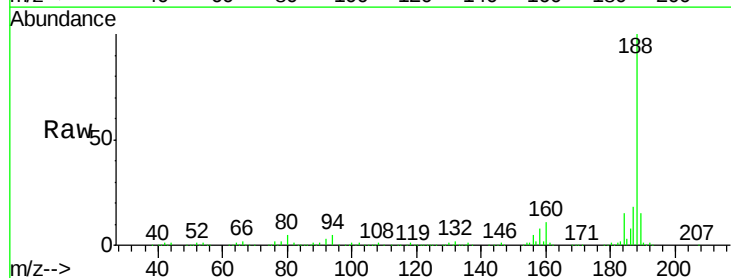


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

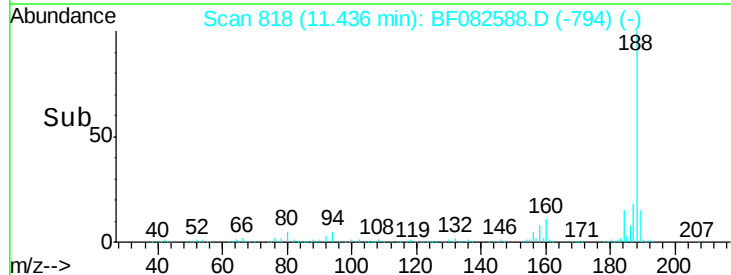
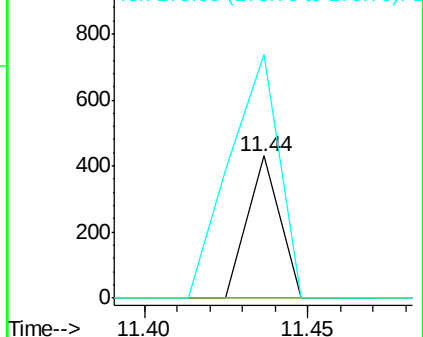


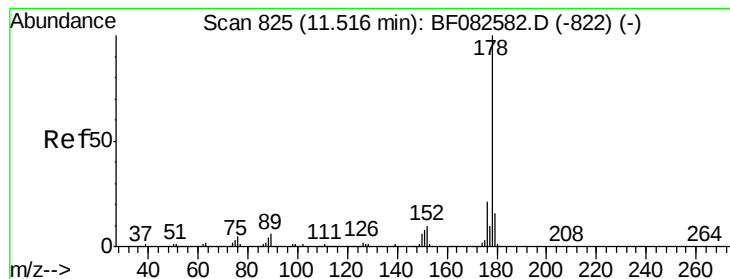
#70
 Phenanthrene
 Concen: 0.01 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF082588.D
 Acq: 30 Oct 2015 23:00

Tgt Ion:178 Resp: 295
 Ion Ratio Lower Upper
 178 100
 176 0.0 17.0 25.4#
 179 171.4 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: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

PB86309BL

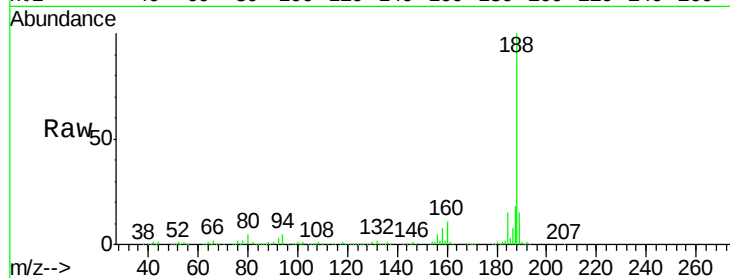
Tgt Ion:178 Resp: 295

Ion Ratio Lower Upper

178 100

176 0.0 16.5 24.7#

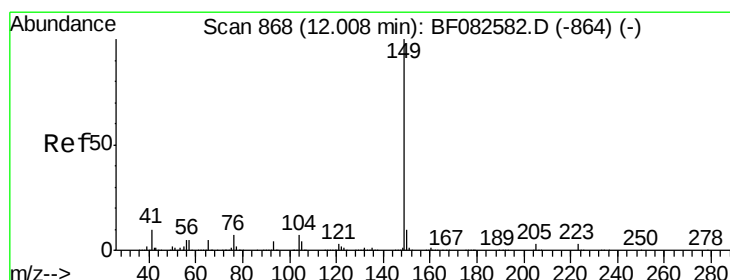
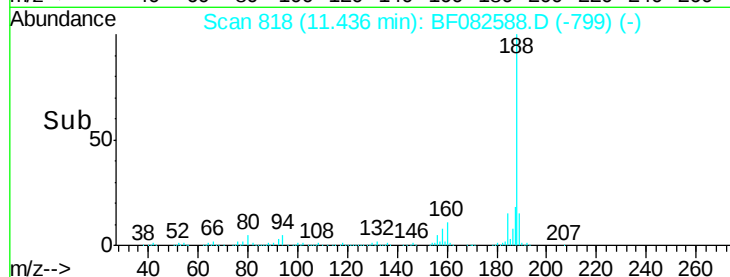
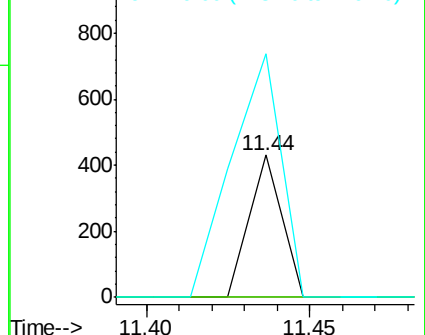
179 171.4 13.2 19.8#



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: 12.01 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

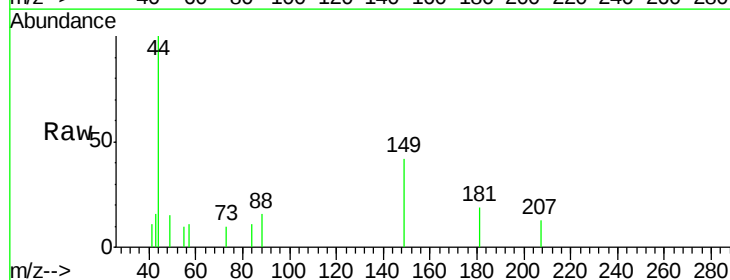
Tgt Ion:149 Resp: 1789

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

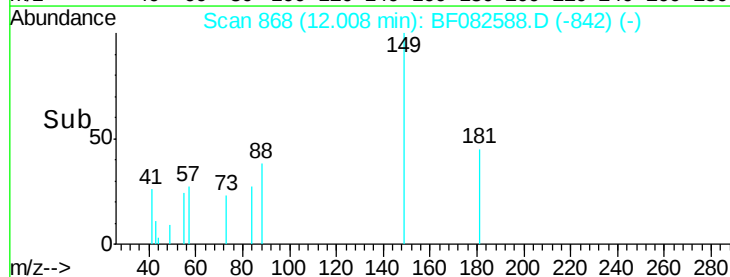
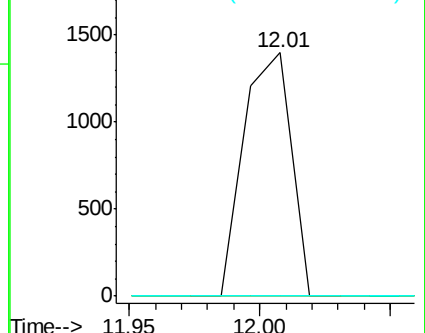
104 0.0 5.2 7.8#

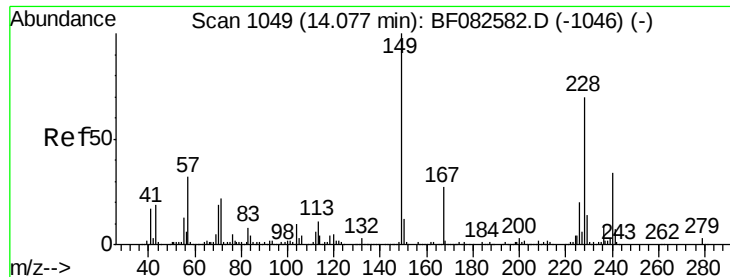


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleID :

PB86309BL

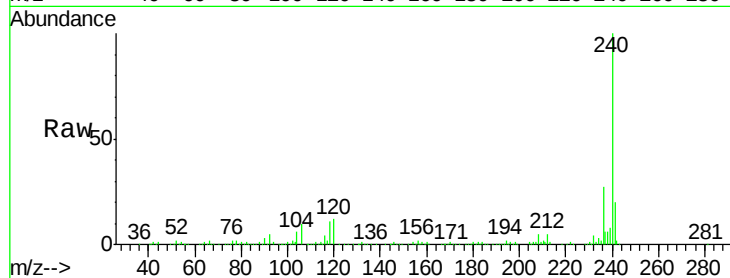
Tgt Ion:240 Resp: 565070

Ion Ratio Lower Upper

240 100

120 12.0 10.9 16.3

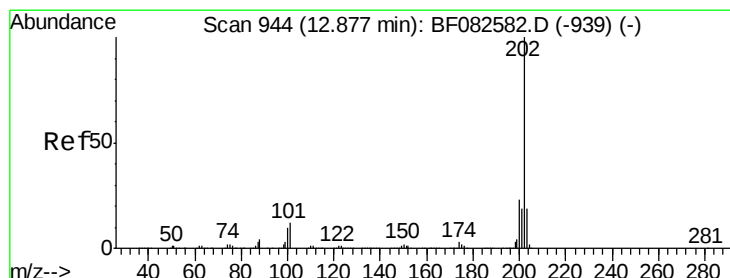
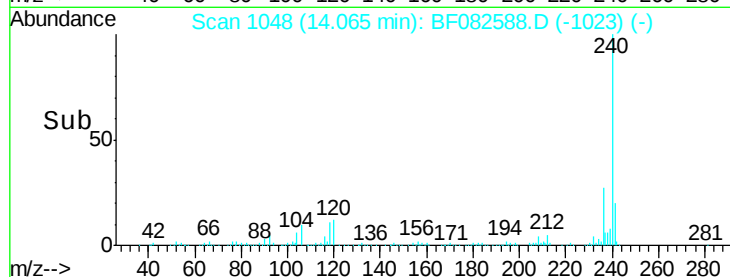
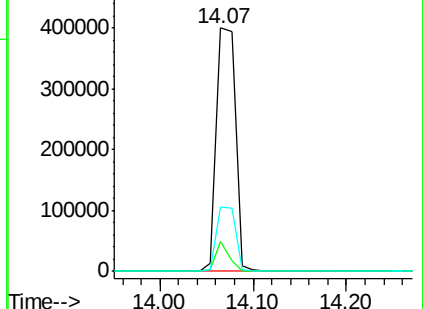
236 26.6 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.17 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.15 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

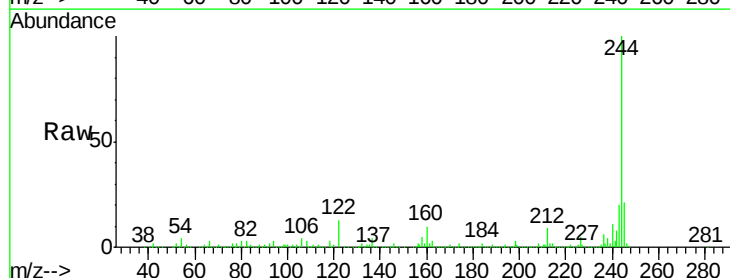
Tgt Ion:202 Resp: 7310

Ion Ratio Lower Upper

202 100

200 57.7 18.7 28.1#

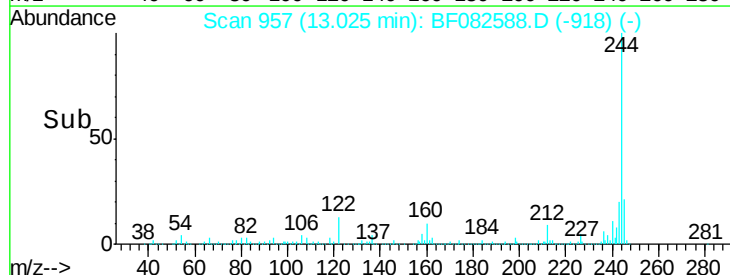
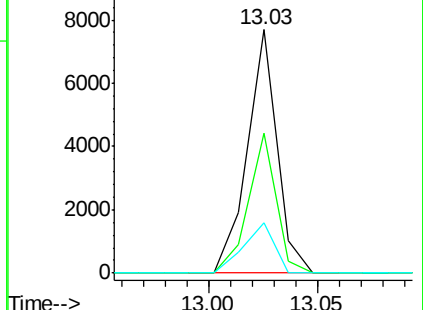
203 20.7 14.8 22.2

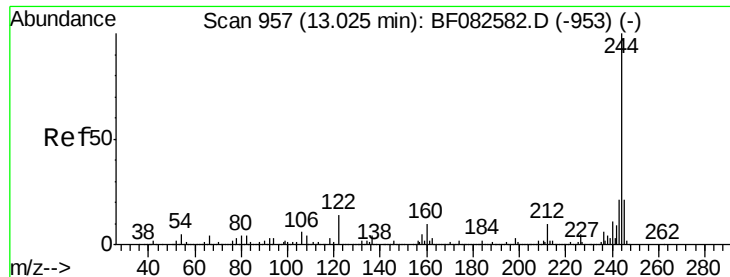


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

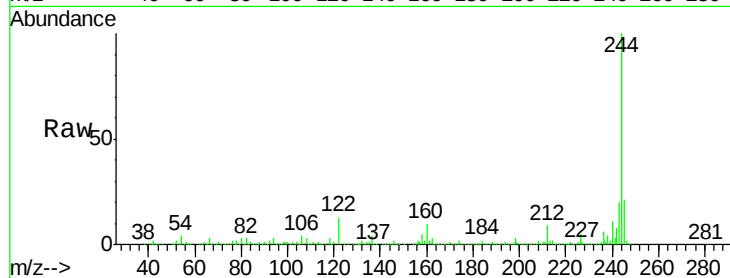




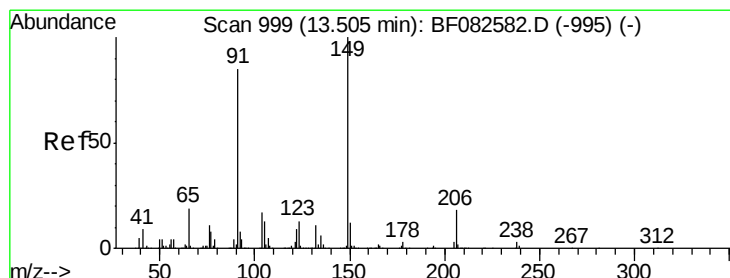
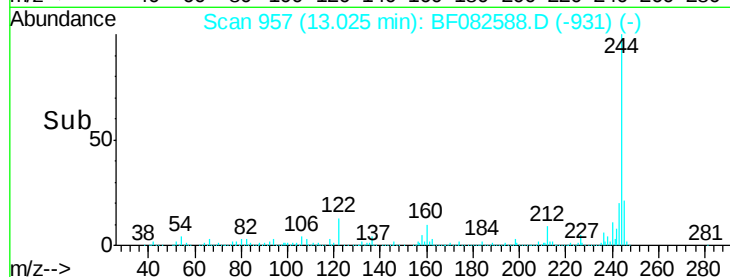
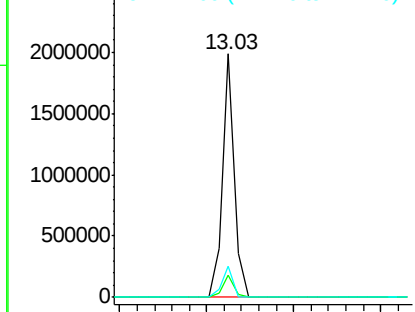
#78
 Terphenyl-d14
 Concen: 73.44 ng
 RT: 13.03 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF082588.D
 Acq: 30 Oct 2015 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BL

Tgt Ion:244 Resp: 1896291
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.6 11.4
 122 12.6 11.3 16.9

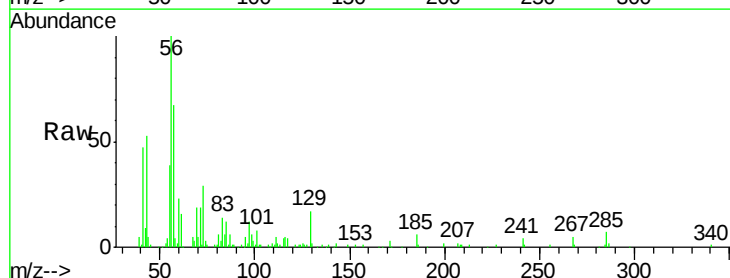


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

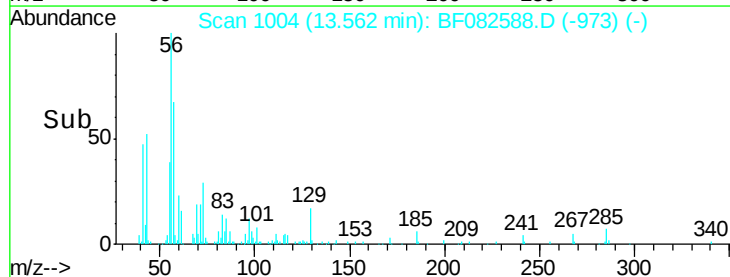
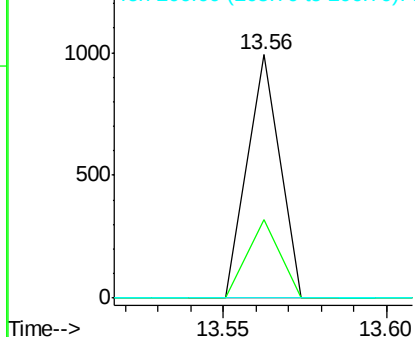


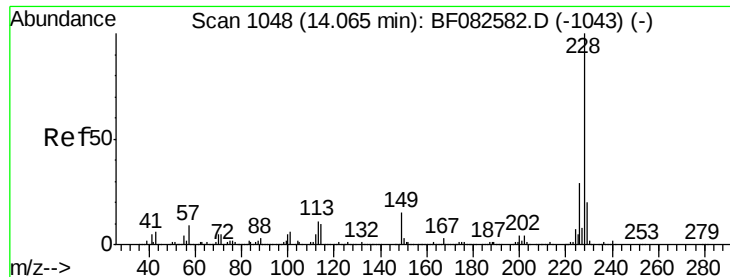
#79
 Butylbenzylphthalate
 Concen: 0.04 ng
 RT: 13.56 min Scan# 1004
 Delta R.T. 0.06 min
 Lab File: BF082588.D
 Acq: 30 Oct 2015 23:00

Tgt Ion:149 Resp: 681
 Ion Ratio Lower Upper
 149 100
 91 32.4 67.7 101.5#
 206 0.0 14.6 22.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.06 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

PB86309BL

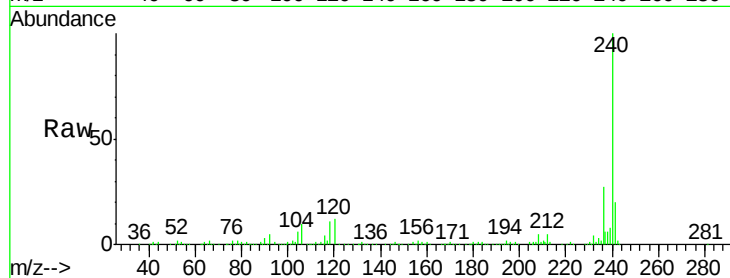
Tgt Ion:228 Resp: 2018

Ion Ratio Lower Upper

228 100

226 0.0 23.4 35.2#

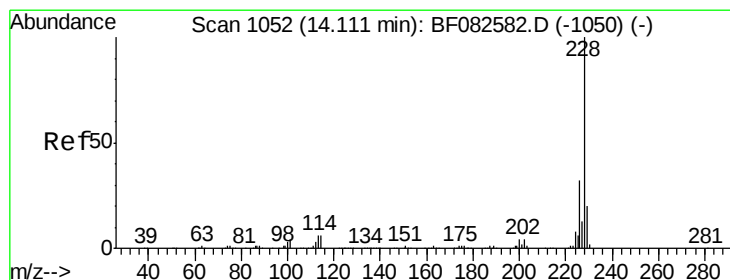
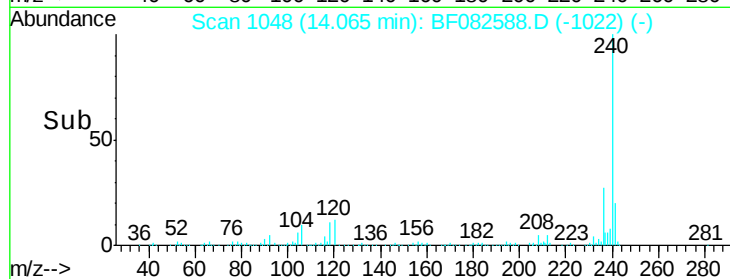
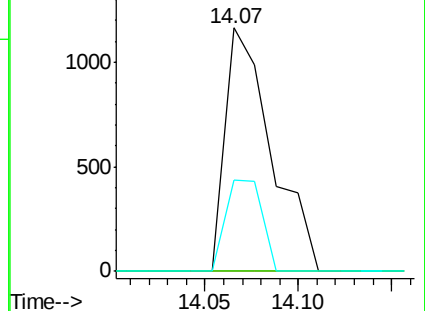
229 37.5 16.3 24.5#



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: 0.06 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.05 min

Lab File: BF082588.D

Acq: 30 Oct 2015 23:00

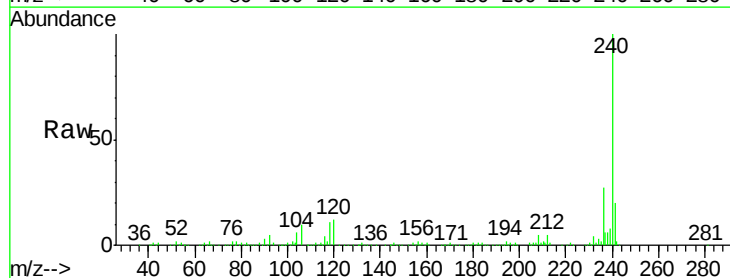
Tgt Ion:228 Resp: 2018

Ion Ratio Lower Upper

228 100

226 0.0 25.5 38.3#

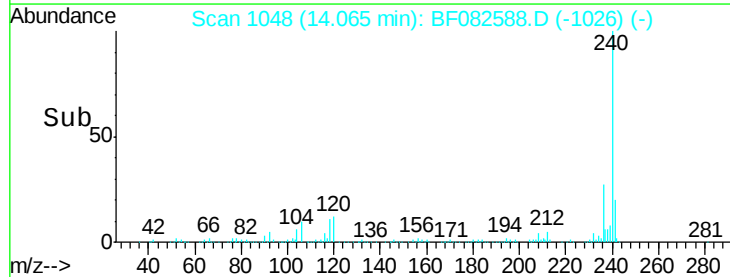
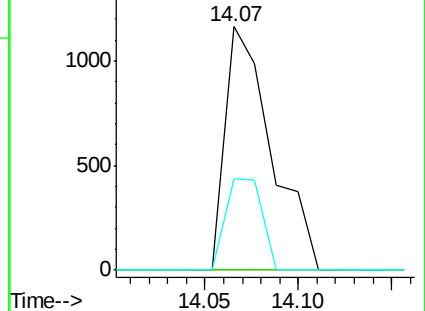
229 37.5 16.3 24.5#

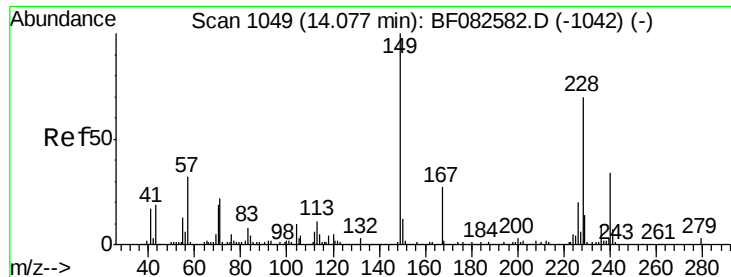


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

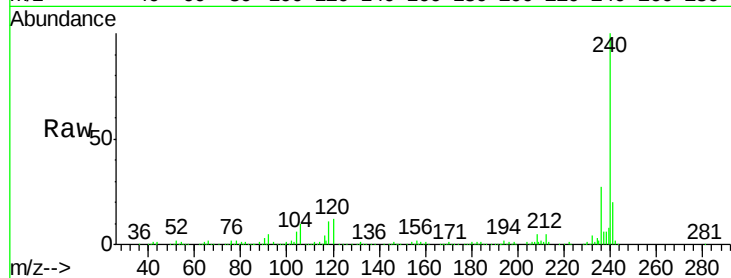




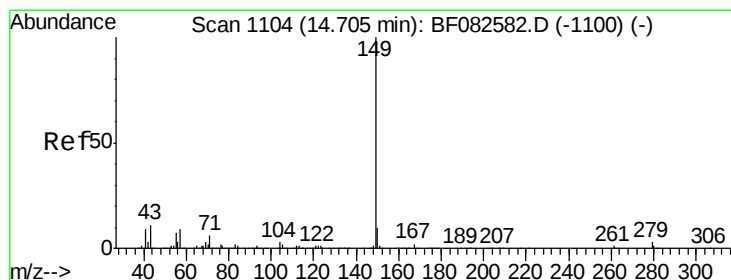
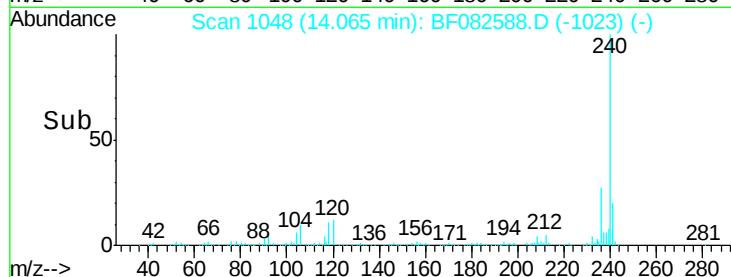
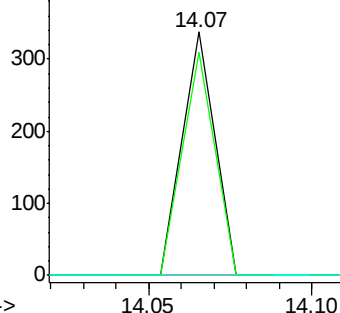
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.01 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF082588.D
 Acq: 30 Oct 2015 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86309BL

Tgt Ion:149 Resp: 232
 Ion Ratio Lower Upper
 149 100
 167 91.7 21.2 31.8#
 279 0.0 2.2 3.2#

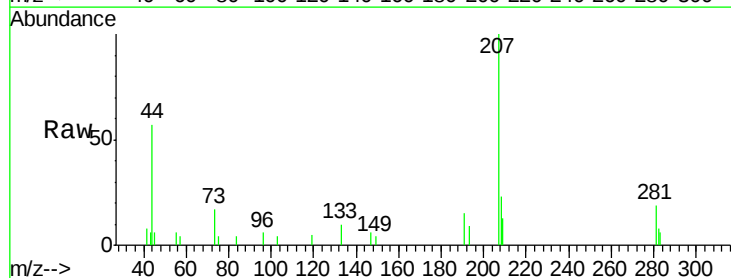


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

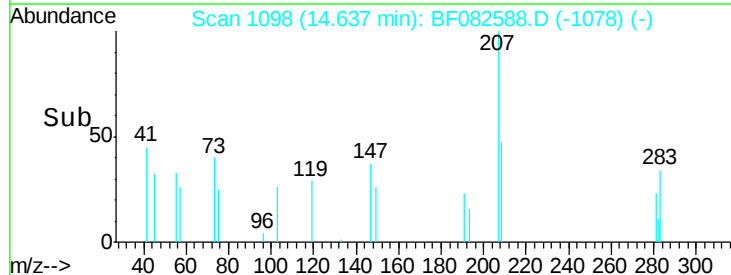
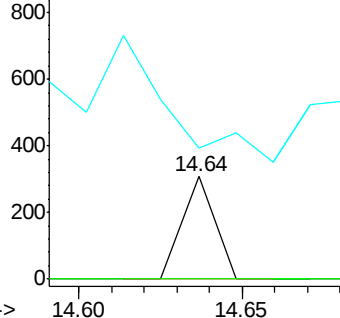


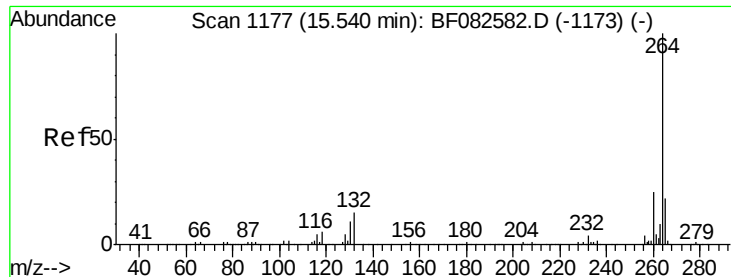
#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 14.64 min Scan# 1098
 Delta R.T. -0.07 min
 Lab File: BF082588.D
 Acq: 30 Oct 2015 23:00

Tgt Ion:149 Resp: 211
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



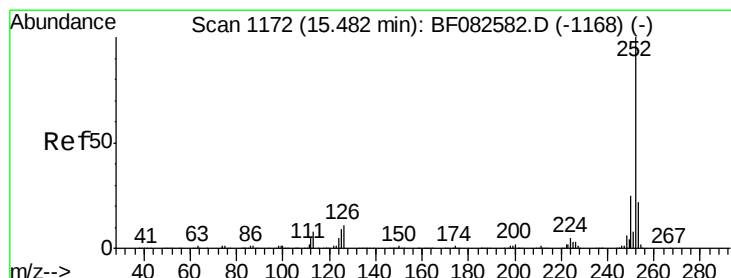
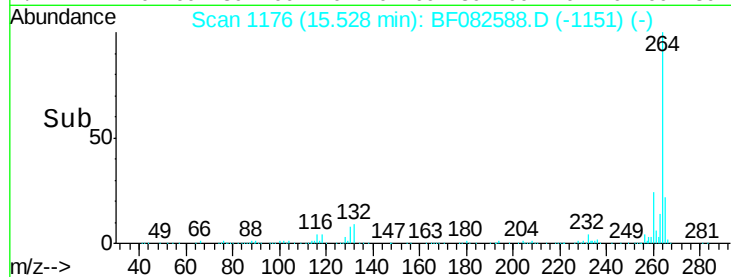
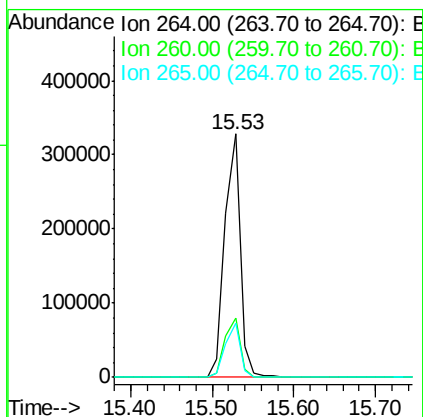
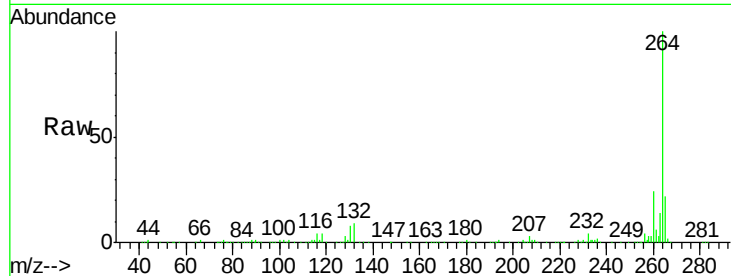


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF082588.D
Acq: 30 Oct 2015 23:00

Instrument :
BNA_F
ClientSampleId :
PB86309BL

Tgt Ion: 264 Resp: 432917

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	22.2	17.4	26.0



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.53 min Scan# 1176
Delta R.T. 0.05 min
Lab File: BF082588.D
Acq: 30 Oct 2015 23:00

Tgt Ion: 252 Resp: 1212

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.3	25.9
125	0.0	7.1	10.7#

