

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
 Data File : BF084286.D
 Acq On : 6 Jan 2016 13:33
 Operator : SJ/UM
 Sample : G4949-04DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-2(19.0-19.5)DL

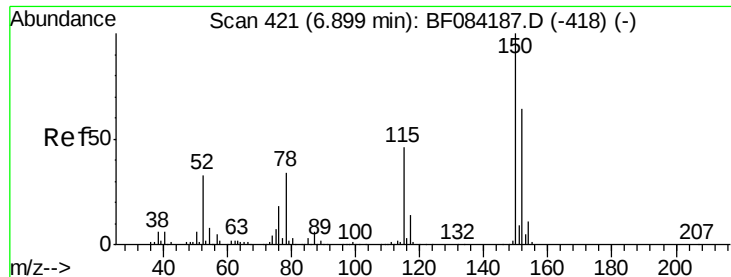
Quant Time: Jan 07 00:06:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	229264	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	802467	20.00	ng	-0.03
38) Acenaphthene-d10	9.92	164	332228	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	643225	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	678816	20.00	ng	-0.05
86) Perylene-d12	15.45	264	553606	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	421657	29.75	ng	-0.03
7) Phenol-d6	6.50	99	654769	36.78	ng	-0.03
23) Nitrobenzene-d5	7.42	82	443739	30.78	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	57422	17.12	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	564342	25.45	ng	-0.03
78) Terphenyl-d14	12.98	244	680266	22.37	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.44	117	275446	41.41	ng	# 5
19) n-Nitroso-di-n-propylamine	7.30	70	32039	2.66	ng	# 73
24) Nitrobenzene	7.41	77	82448	5.64	ng	# 31
25) Isophorone	7.68	82	139484	5.06	ng	# 1
31) Naphthalene	8.20	128	120516	3.31	ng	# 1
32) Benzoic acid	7.95	122	14729	7.73	ng	# 16
33) 4-Chloroaniline	8.20	127	49864	2.99	ng	# 1
35) Caprolactam	8.59	113	208467	55.11	ng	# 1
36) 4-Chloro-3-methylphenol	8.72	107	42769	3.40	ng	# 38
37) 2-Methylnaphthalene	8.88	142	983217	37.62	ng	# 96
48) Acenaphthylene	9.78	152	88014	2.87	ng	# 1
49) Dimethylphthalate	9.63	163	116504	4.91	ng	# 42
50) 2,6-Dinitrotoluene	9.69	165	18504	3.55	ng	# 30
51) Acenaphthene	9.95	154	233621	11.37	ng	# 88
52) 3-Nitroaniline	9.87	138	21356	3.31	ng	# 25
53) 2,4-Dinitrophenol	10.20	184	32918	17.73	ng	# 99
54) Dibenzofuran	10.12	168	175972	3.90	ng	# 1
55) 4-Nitrophenol	10.03	139	168947	36.06	ng	# 75
56) 2,4-Dinitrotoluene	10.12	165	77918	11.82	ng	# 43
57) Fluorene	10.46	166	330099	14.42	ng	# 84
60) 4-Chlorophenyl-phenylether	10.48	204	3439	Below Cal		# 1
62) Azobenzene	10.64	77	54401	2.12	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.53	198	2874	6.96	ng	# 1
65) n-Nitrosodiphenylamine	10.58	169	712668	34.65	ng	# 51
70) Phenanthrene	11.43	178	1189302	35.35	ng	# 94
71) Anthracene	11.52	178	533409	16.17	ng	# 1
73) Di-n-butylphthalate	11.93	149	19107	Below Cal		# 1
77) Pyrene	12.83	202	112439	2.11	ng	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084286.D

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PJ-SB-2(19.0-19.5)DL

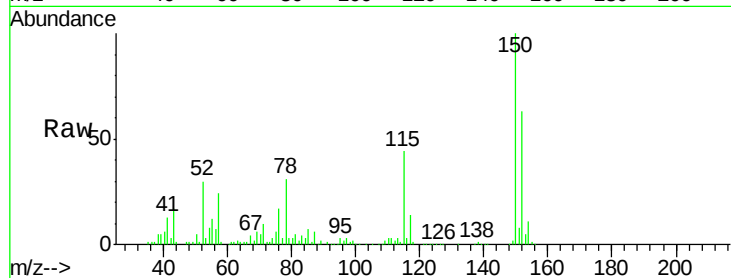
Tgt Ion:152 Resp: 229264

Ion Ratio Lower Upper

152 100

150 159.8 123.0 184.4

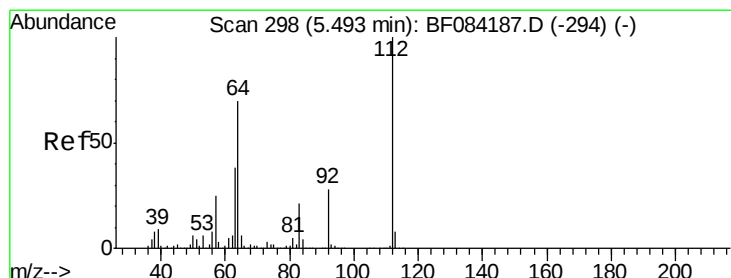
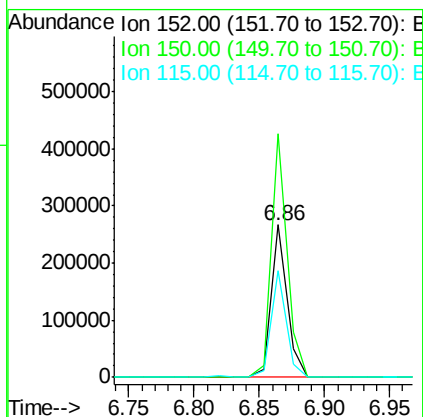
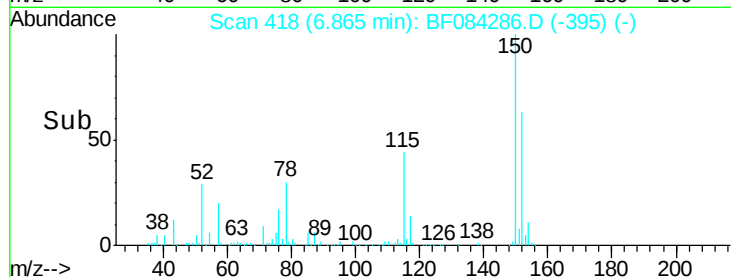
115 70.2 51.4 77.2



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



#5

2-Fluorophenol

Concen: 29.75 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

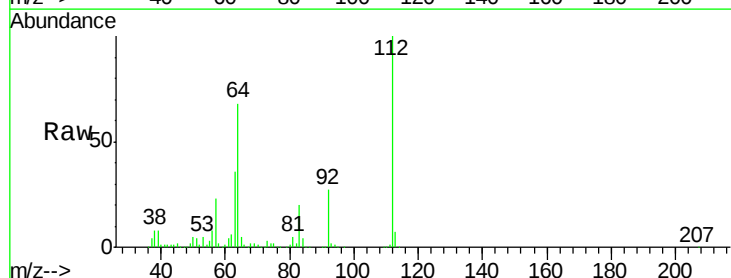
Tgt Ion:112 Resp: 421657

Ion Ratio Lower Upper

112 100

64 68.3 36.6 55.0#

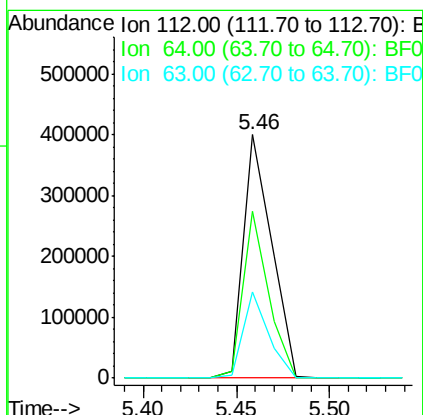
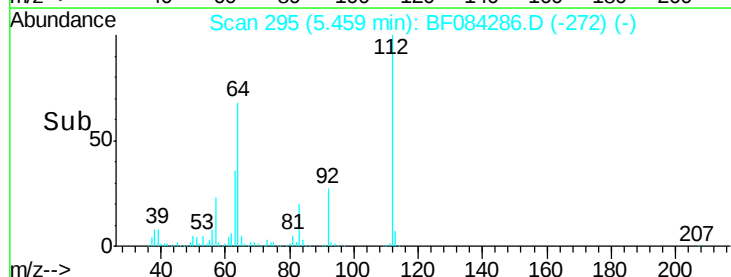
63 35.6 19.4 29.0#

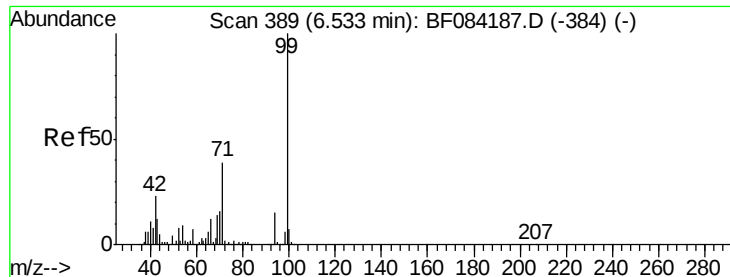


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.78 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PJ-SB-2(19.0-19.5)DL

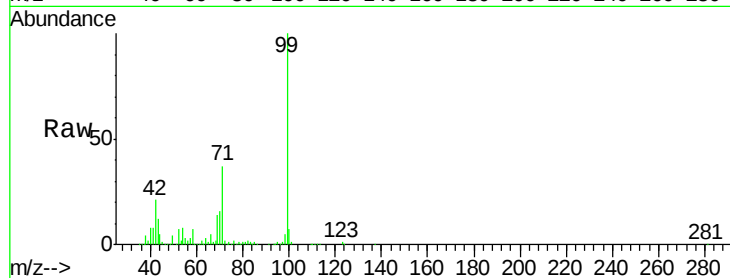
Tgt Ion: 99 Resp: 654769

Ion Ratio Lower Upper

99 100

42 21.2 12.8 19.2#

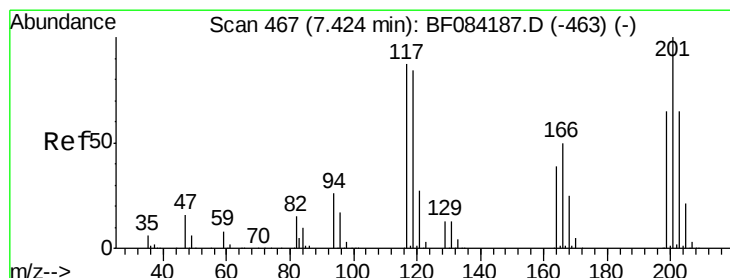
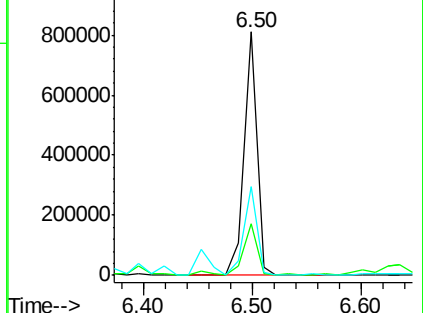
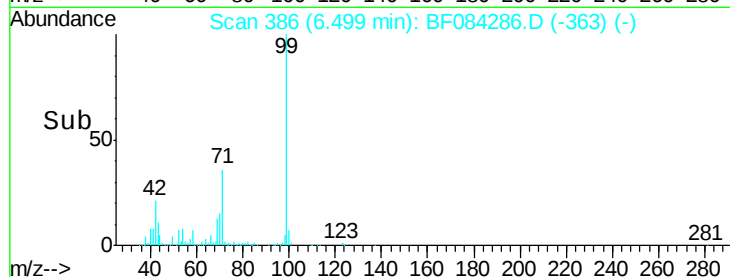
71 36.6 30.9 46.3



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



#18

Hexachloroethane

Concen: 41.41 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.01 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

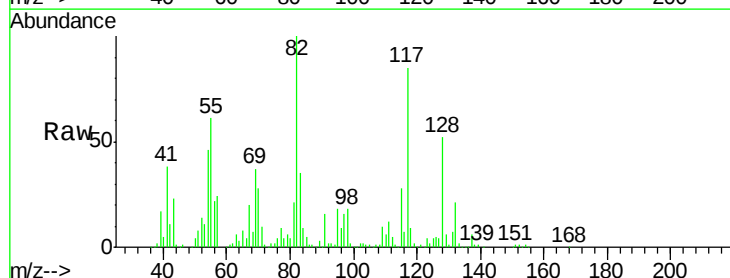
Tgt Ion: 117 Resp: 275446

Ion Ratio Lower Upper

117 100

119 2.2 77.4 116.0#

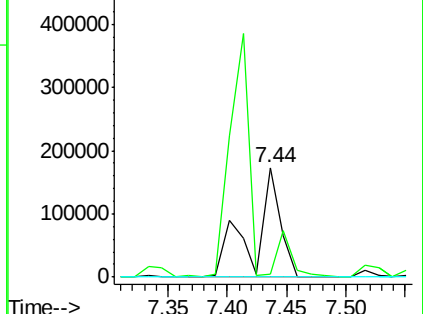
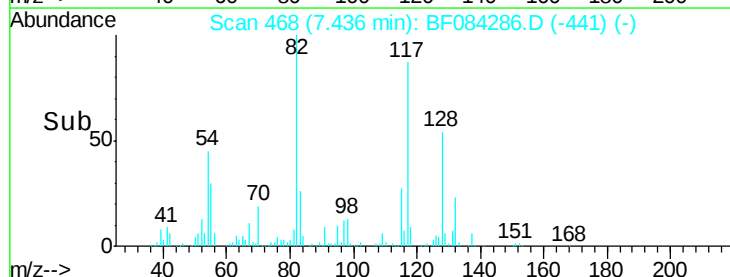
201 0.0 68.6 103.0#

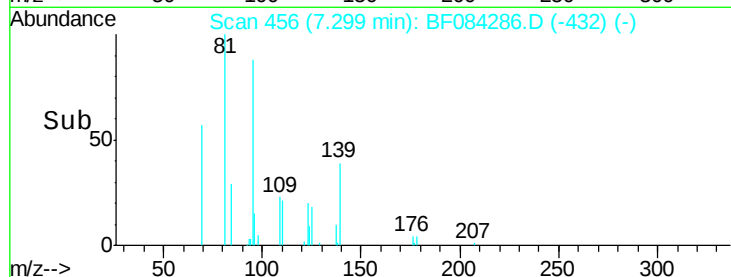
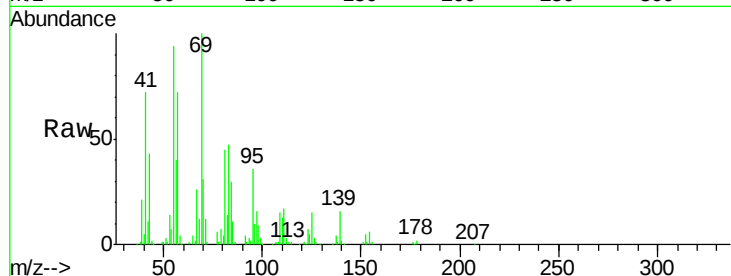
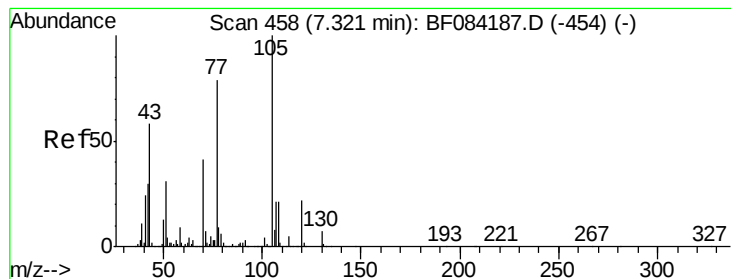


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 2.66 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PJ-SB-2(19.0-19.5)DL

Tgt Ion: 70 Resp: 32039

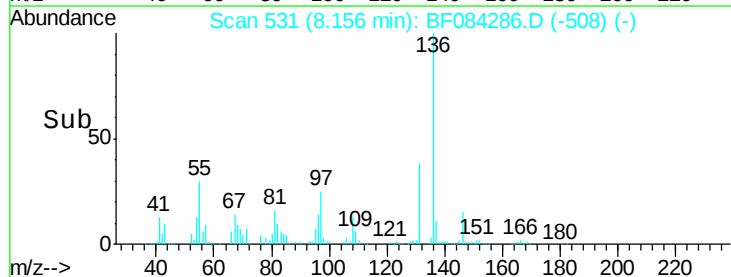
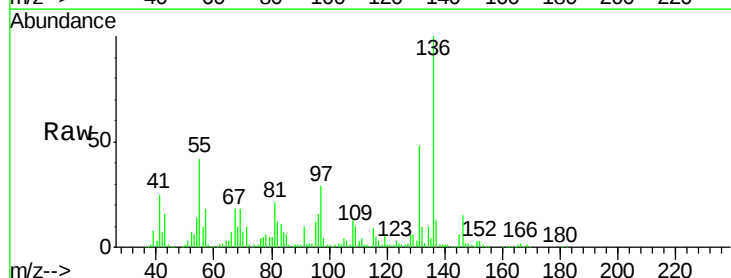
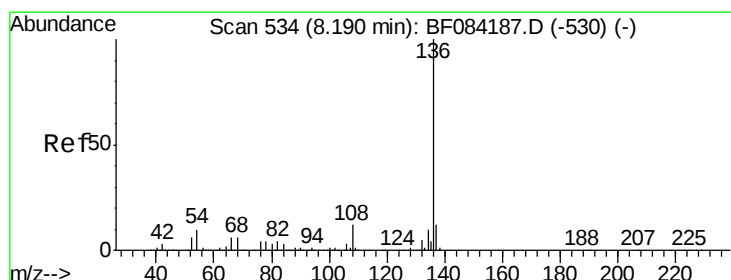
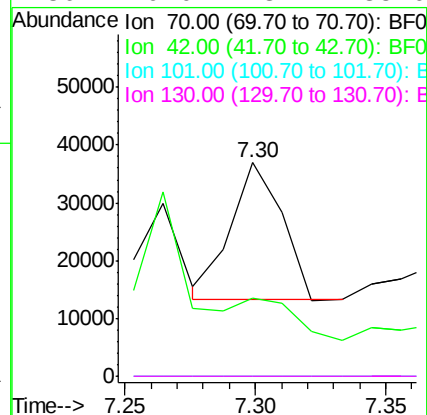
Ion Ratio Lower Upper

70 100

42 36.7 33.3 49.9

101 0.0 9.3 13.9#

130 0.0 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Tgt Ion: 136 Resp: 802467

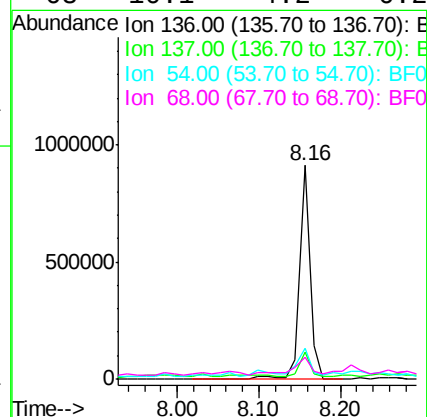
Ion Ratio Lower Upper

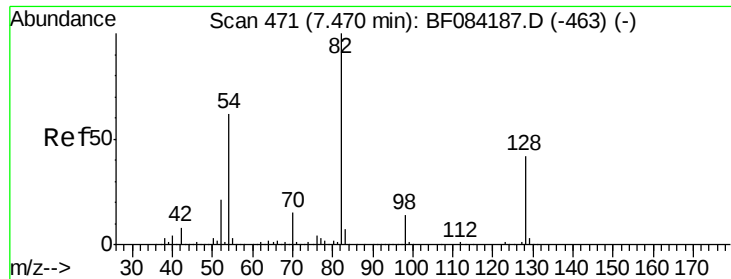
136 100

137 12.6 8.7 13.1

54 14.2 5.8 8.8#

68 10.1 4.2 6.2#

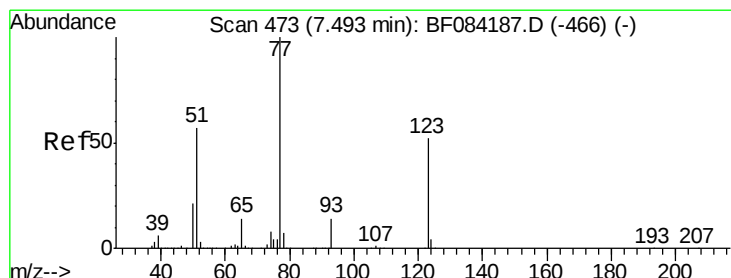
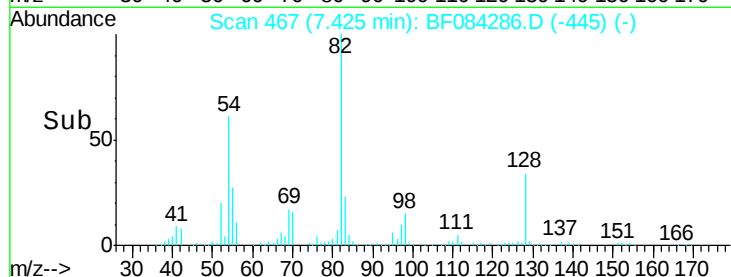
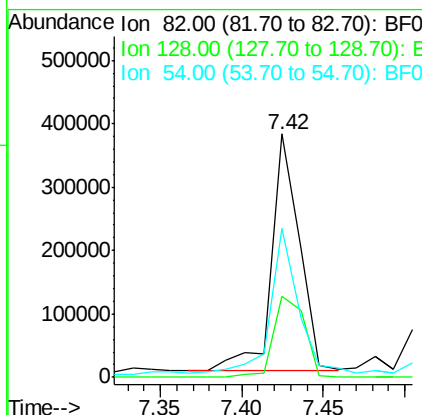
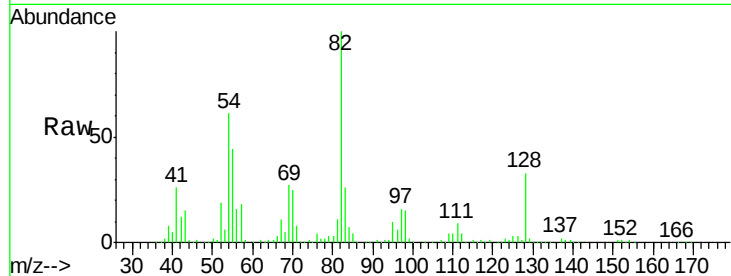




#23
 Nitrobenzene-d5
 Concen: 30.78 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084286.D
 Acq: 6 Jan 2016 13:33

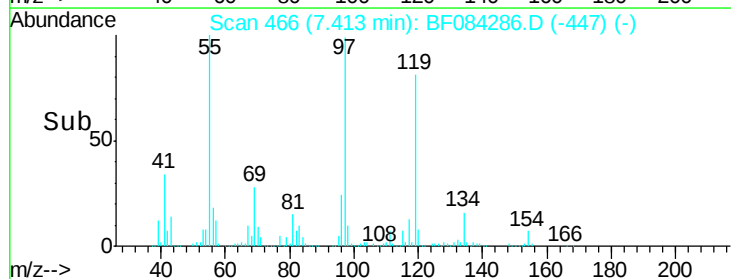
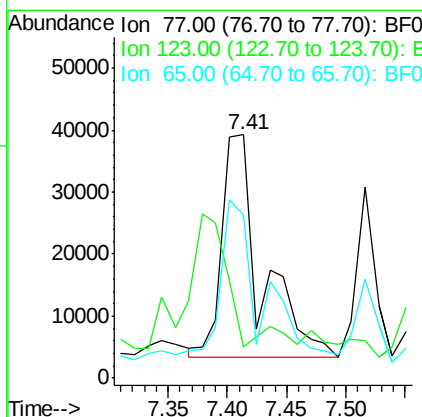
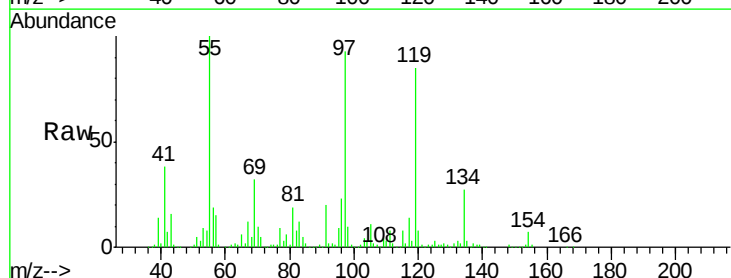
Instrument :
 BNA_F
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 PJ-SB-2(19.0-19.5)DL

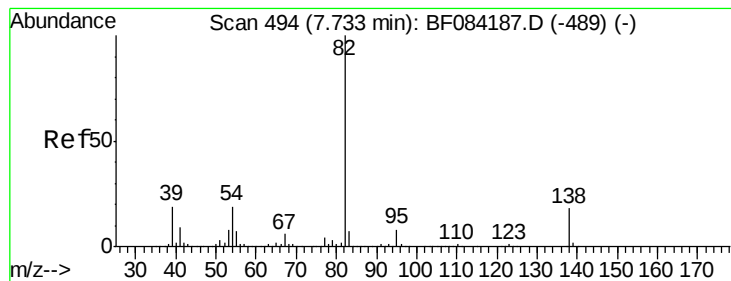
Tgt Ion: 82 Resp: 443739
 Ion Ratio Lower Upper
 82 100
 128 33.1 34.6 51.8#
 54 61.0 38.4 57.6#



#24
 Nitrobenzene
 Concen: 5.64 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.08 min
 Lab File: BF084286.D
 Acq: 6 Jan 2016 13:33

Tgt Ion: 77 Resp: 82448
 Ion Ratio Lower Upper
 77 100
 123 12.9 37.4 56.2#
 65 67.1 10.9 16.3#





#25

Isophorone

Concen: 5.06 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PJ-SB-2(19.0-19.5)DL

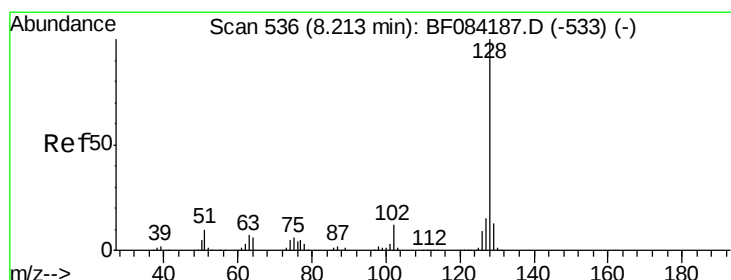
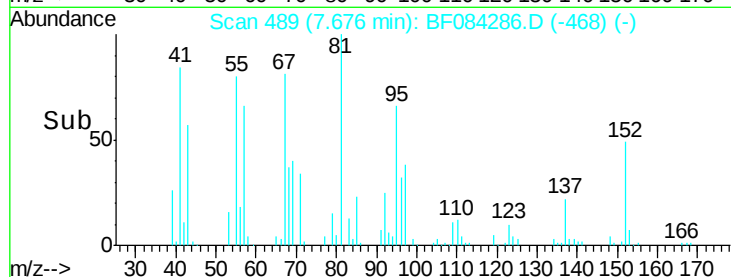
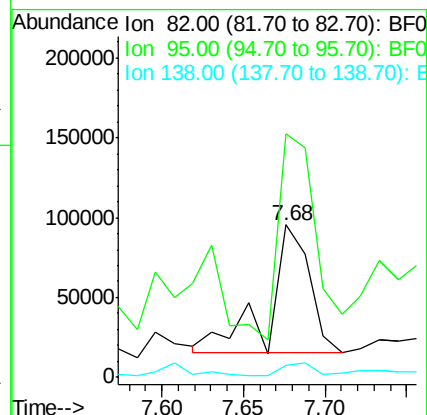
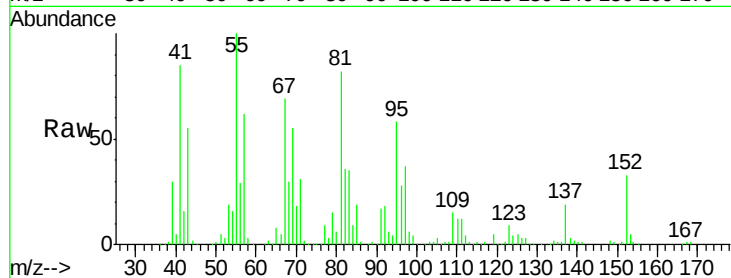
Tgt Ion: 82 Resp: 139484

Ion Ratio Lower Upper

82 100

95 159.7 6.6 10.0#

138 8.1 13.6 20.4#



#31

Naphthalene

Concen: 3.31 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

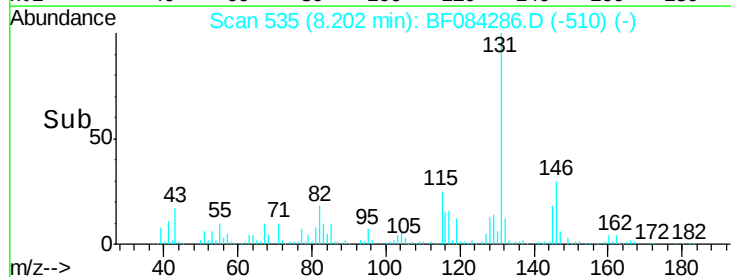
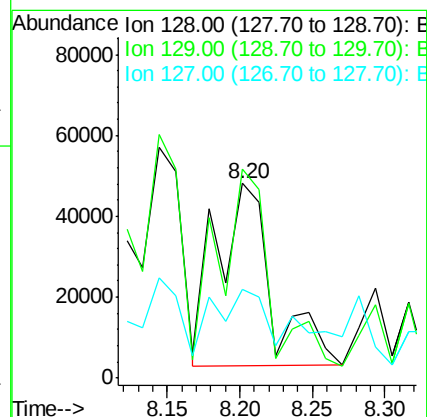
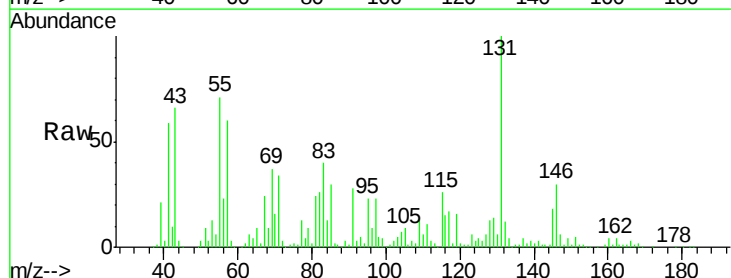
Tgt Ion: 128 Resp: 120516

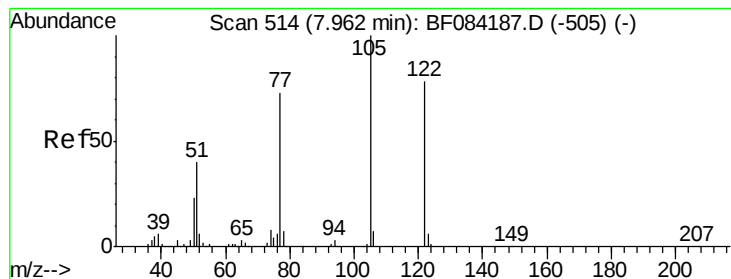
Ion Ratio Lower Upper

128 100

129 107.4 9.1 13.7#

127 45.4 11.1 16.7#





#32

Benzoic acid

Concen: 7.73 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

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PJ-SB-2(19.0-19.5)DL

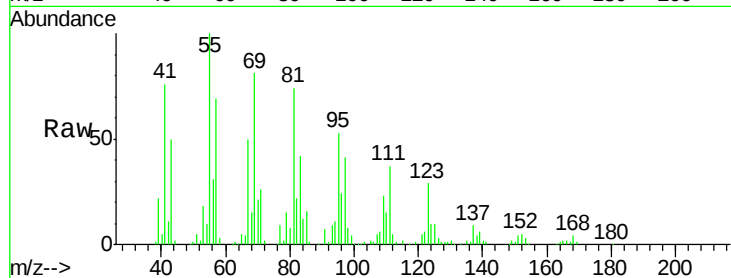
Tgt Ion:122 Resp: 14729

Ion Ratio Lower Upper

122 100

105 26.6 100.3 140.3#

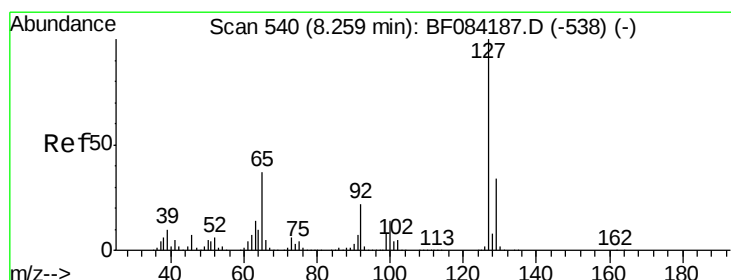
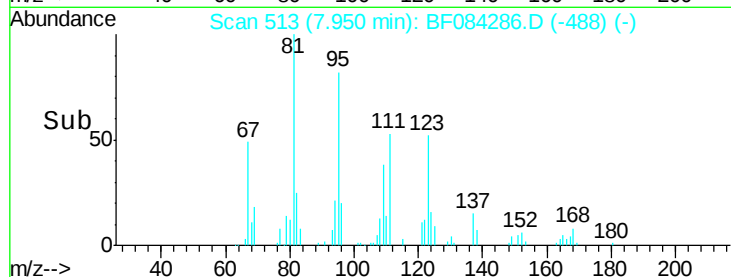
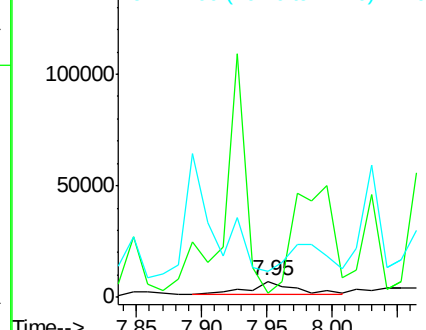
77 159.9 63.5 103.5#



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



#33

4-Chloroaniline

Concen: 2.99 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.06 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Tgt Ion:127 Resp: 49864

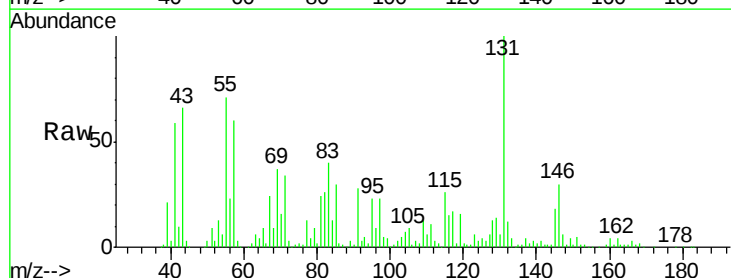
Ion Ratio Lower Upper

127 100

129 236.7 26.5 39.7#

65 151.1 27.2 40.8#

92 48.8 17.7 26.5#

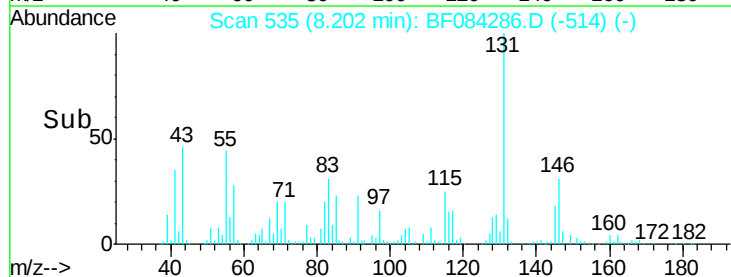
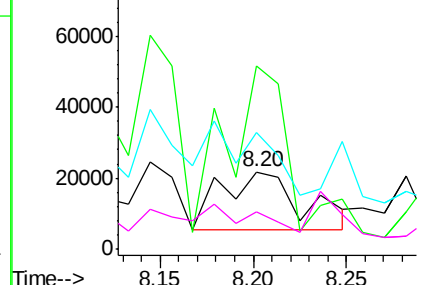


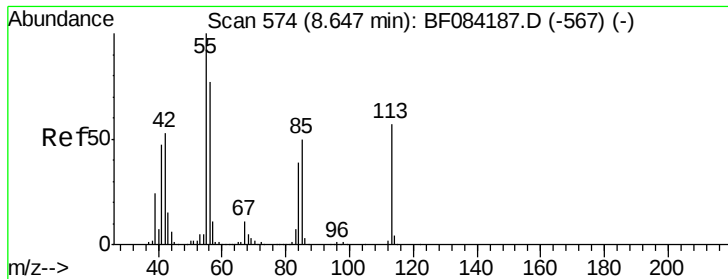
Abundance Ion 127.00 (126.70 to 127.70): E

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





#35

Caprolactam

Concen: 55.11 ng

RT: 8.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PJ-SB-2(19.0-19.5)DL

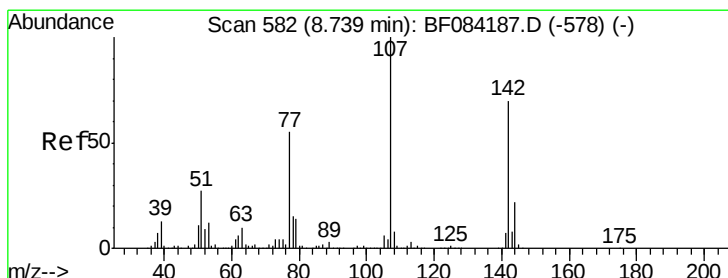
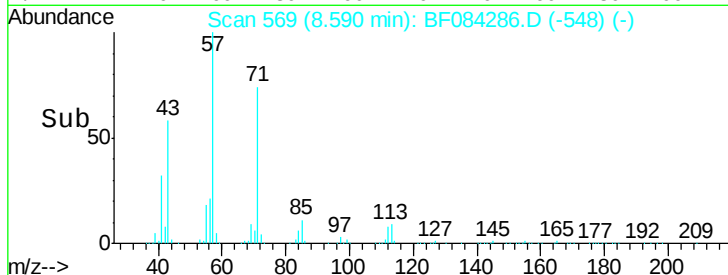
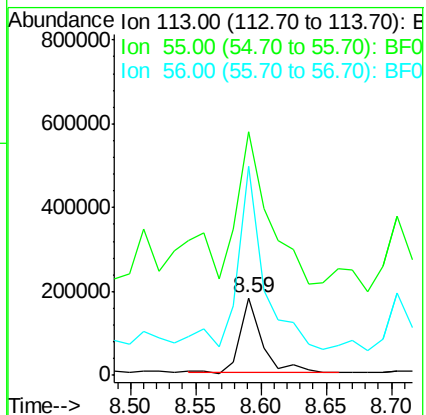
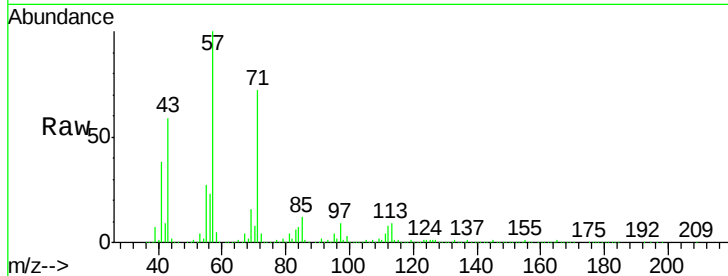
Tgt Ion:113 Resp: 208467

Ion Ratio Lower Upper

113 100

55 314.7 116.9 156.9#

56 270.7 93.8 133.8#



#36

4-Chloro-3-methylphenol

Concen: 3.40 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.02 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

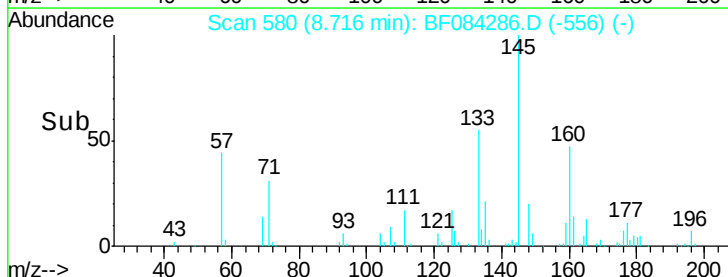
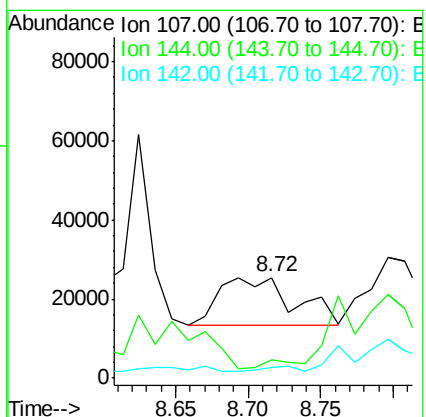
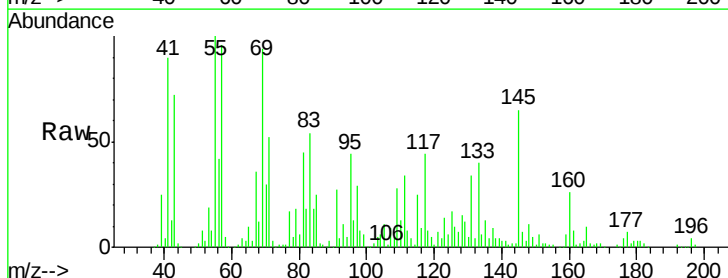
Tgt Ion:107 Resp: 42769

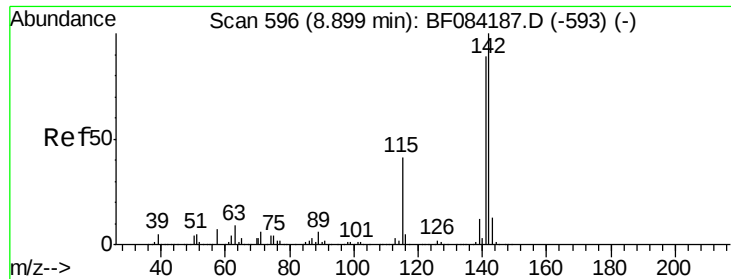
Ion Ratio Lower Upper

107 100

144 18.6 19.7 29.5#

142 10.3 61.8 92.6#

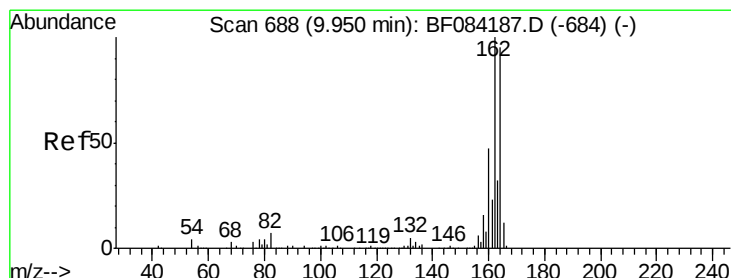
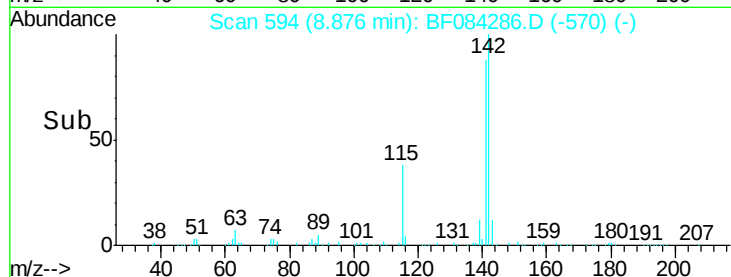
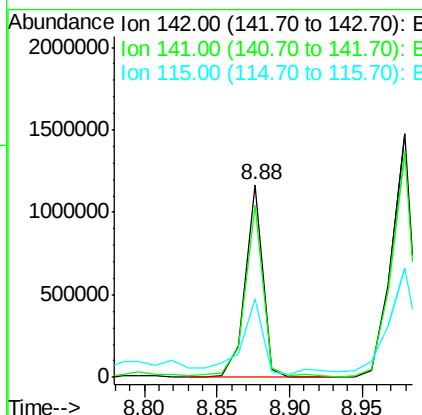
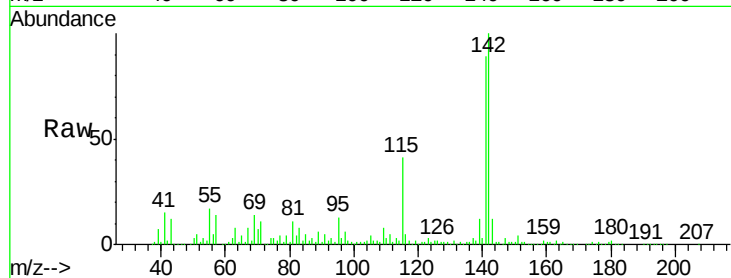




#37
2-Methylnaphthalene
Concen: 37.62 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF084286.D
Acq: 6 Jan 2016 13:33

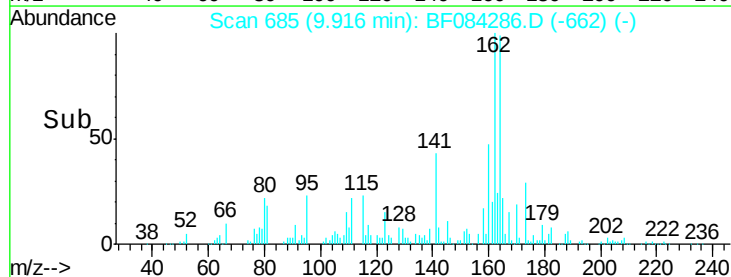
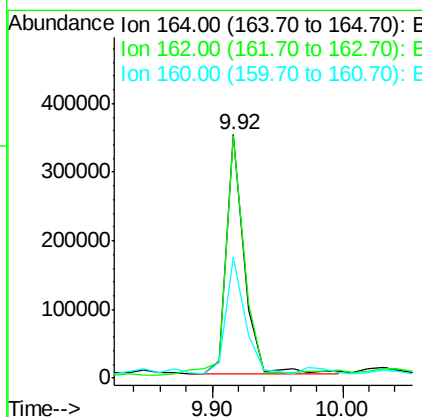
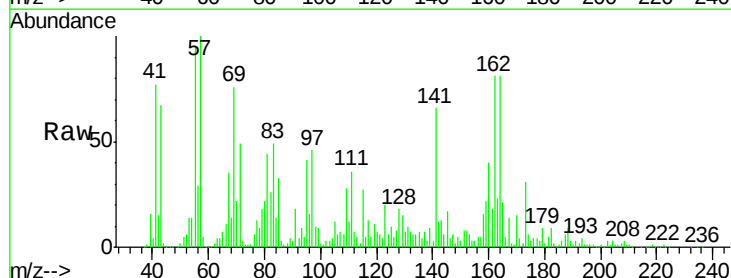
Instrument :
BNA_F
ClientSampleId :
PJ-SB-2(19.0-19.5)DL

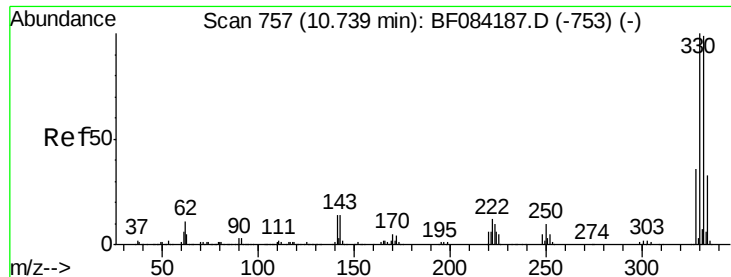
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.4	108.6
115	40.5	27.9	41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF084286.D
Acq: 6 Jan 2016 13:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	85.1	127.7
160	49.6	37.5	56.3

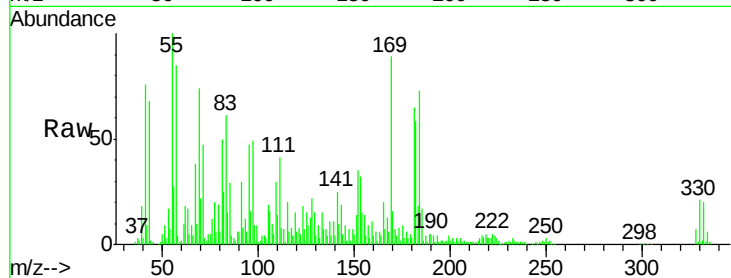




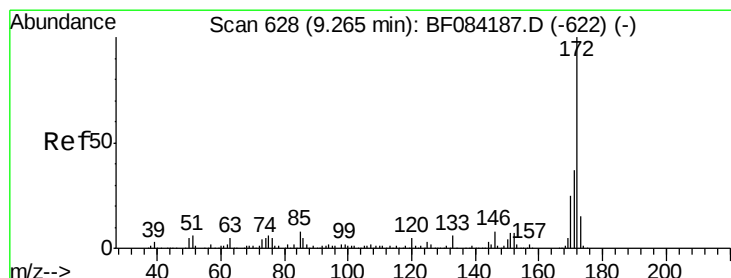
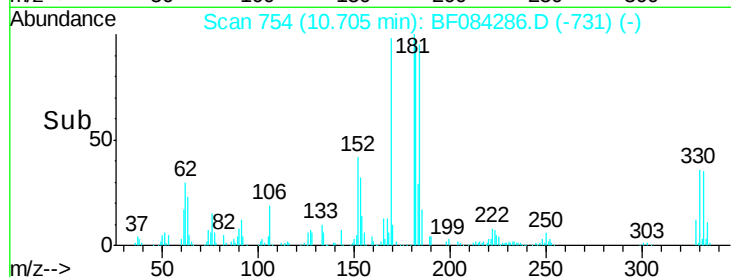
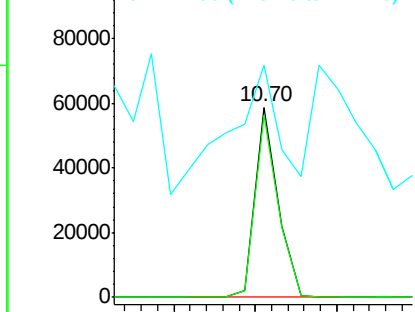
#41
 2,4,6-Tribromophenol
 Concen: 17.12 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084286.D
 Acq: 6 Jan 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-2(19.0-19.5)DL

Tgt Ion:330 Resp: 57422
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 98.3 27.8 41.6#

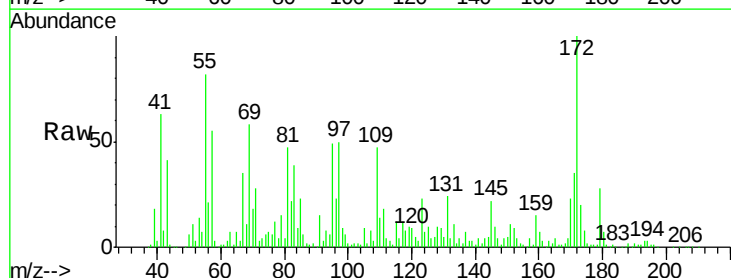


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

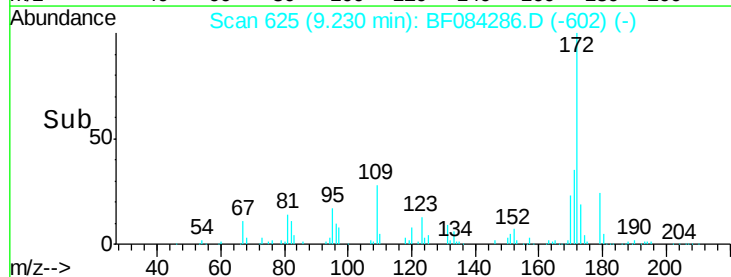
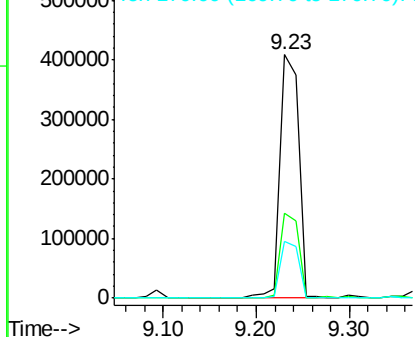


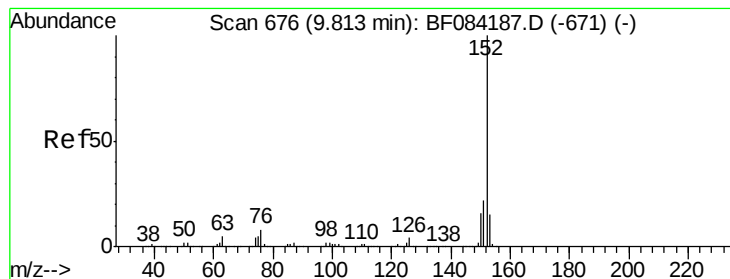
#44
 2-Fluorobiphenyl
 Concen: 25.45 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084286.D
 Acq: 6 Jan 2016 13:33

Tgt Ion:172 Resp: 564342
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 23.2 18.6 27.8



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





#48

Acenaphthylene

Concen: 2.87 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PJ-SB-2(19.0-19.5)DL

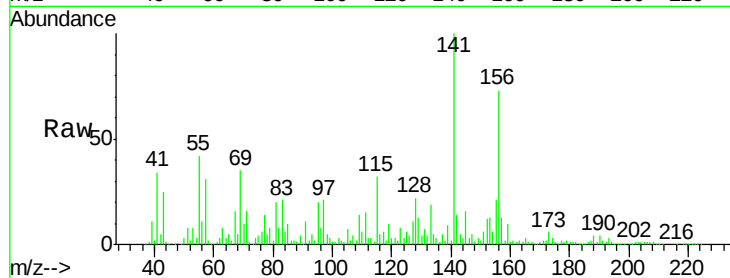
Tgt Ion:152 Resp: 88014

Ion Ratio Lower Upper

152 100

151 48.7 16.3 24.5#

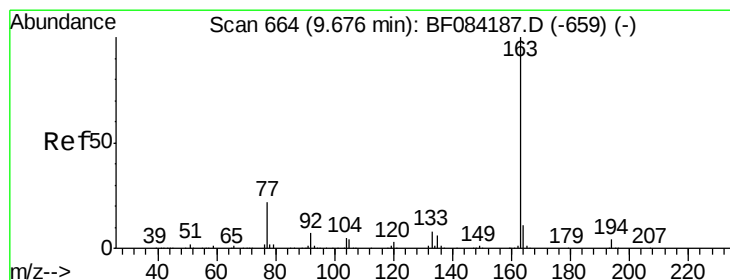
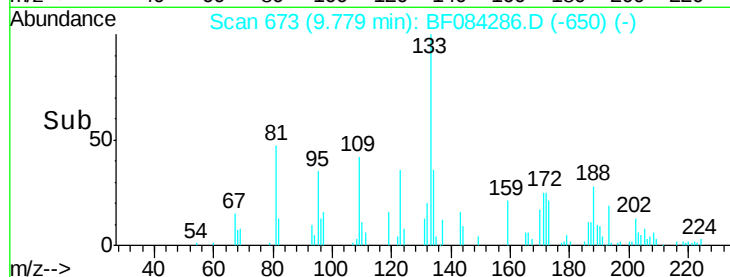
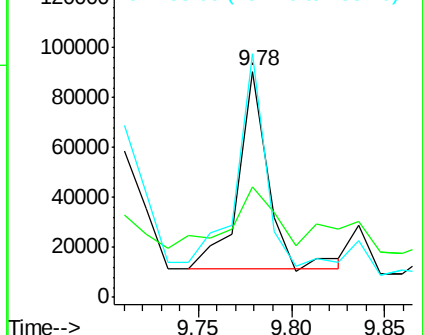
153 107.7 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 4.91 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

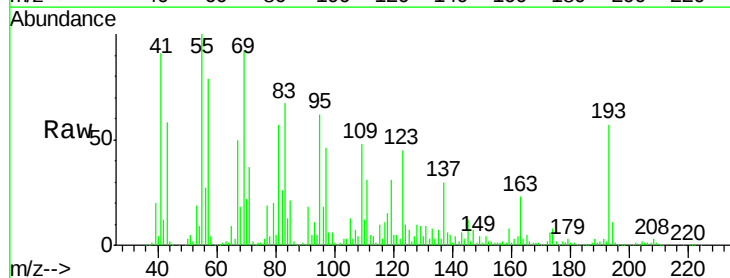
Tgt Ion:163 Resp: 116504

Ion Ratio Lower Upper

163 100

194 47.8 8.0 12.0#

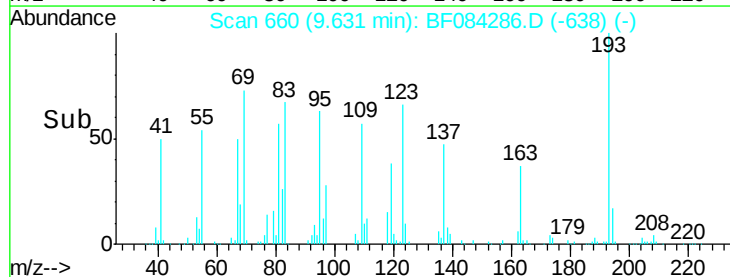
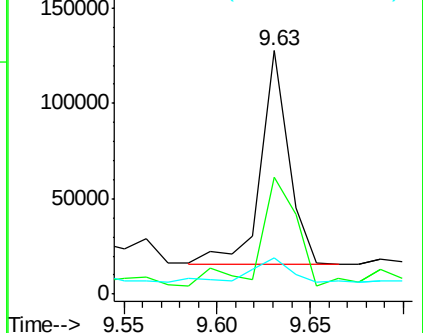
164 14.9 8.0 12.0#

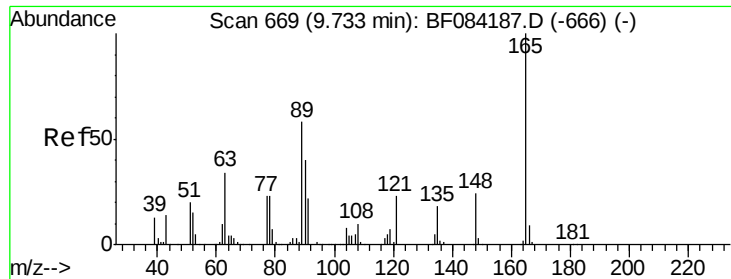


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

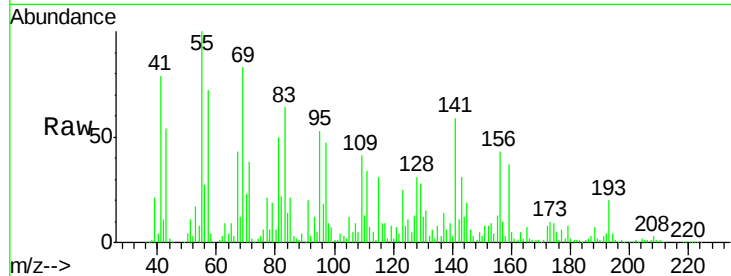




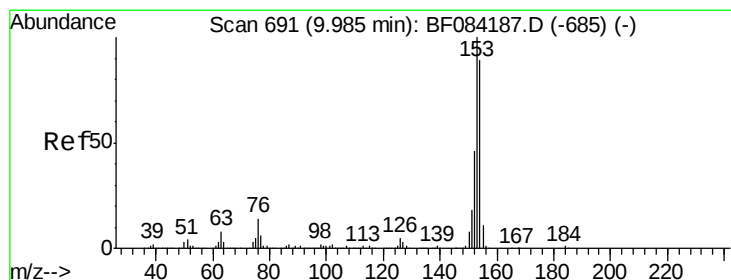
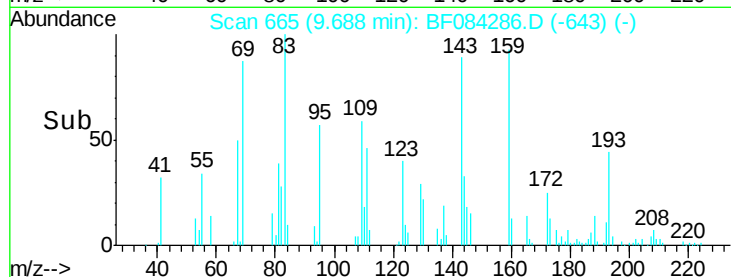
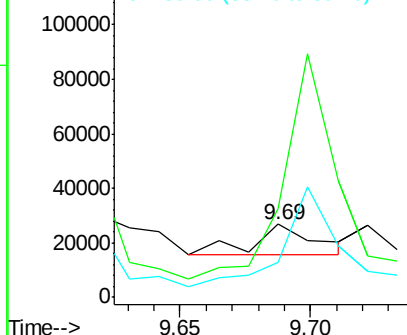
#50
2,6-Dinitrotoluene
Concen: 3.55 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF084286.D
Acq: 6 Jan 2016 13:33

Instrument :
BNA_F
ClientSampleId :
PJ-SB-2(19.0-19.5)DL

Tgt Ion:165 Resp: 18504
Ion Ratio Lower Upper
165 100
63 121.7 28.8 43.2#
89 48.5 35.1 52.7

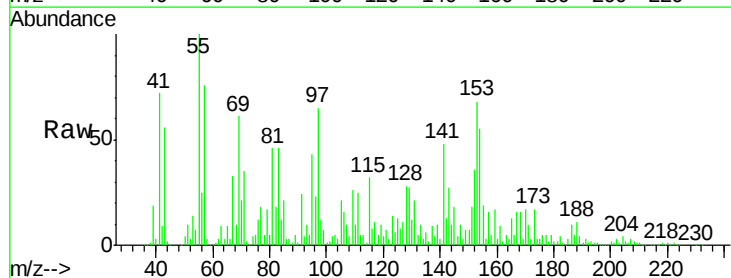


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

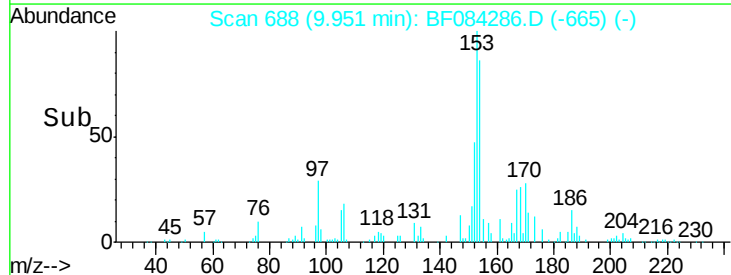
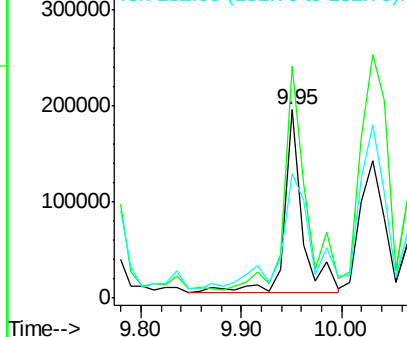


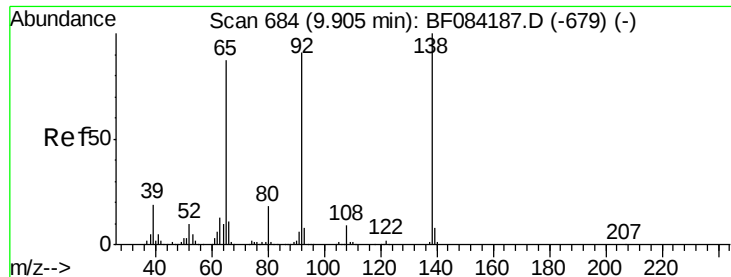
#51
Acenaphthene
Concen: 11.37 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF084286.D
Acq: 6 Jan 2016 13:33

Tgt Ion:154 Resp: 233621
Ion Ratio Lower Upper
154 100
153 123.8 91.5 137.3
152 66.6 43.0 64.6#



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





#52

3-Nitroaniline

Concen: 3.31 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PJ-SB-2(19.0-19.5)DL

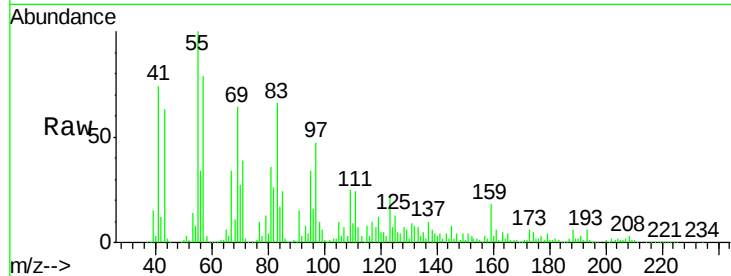
Tgt Ion:138 Resp: 21356

Ion Ratio Lower Upper

138 100

108 62.1 10.5 15.7#

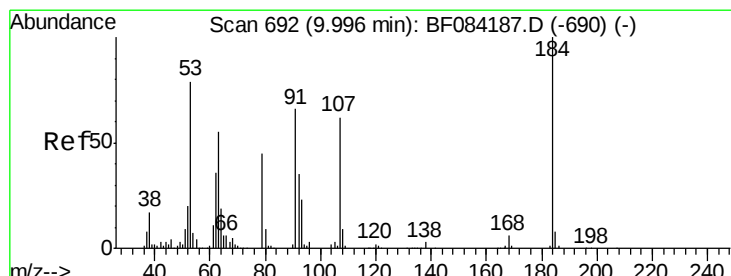
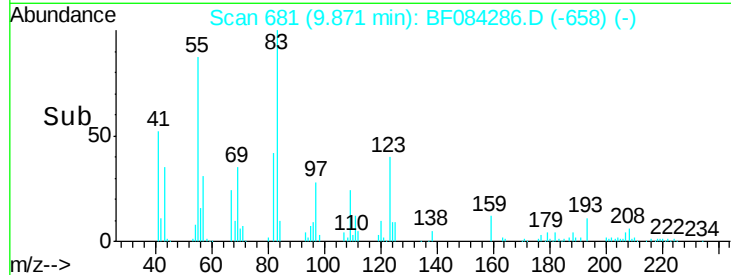
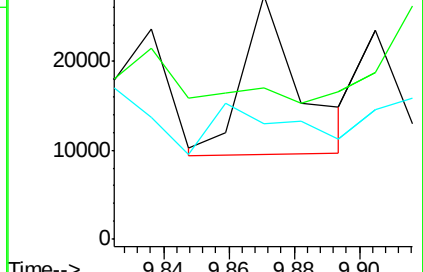
92 47.7 103.9 155.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 17.73 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.21 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

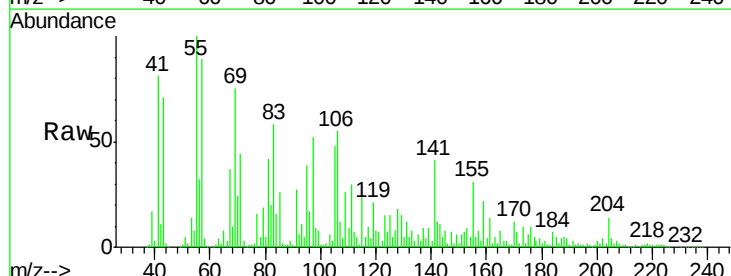
Tgt Ion:184 Resp: 32918

Ion Ratio Lower Upper

184 100

63 55.5 43.1 64.7

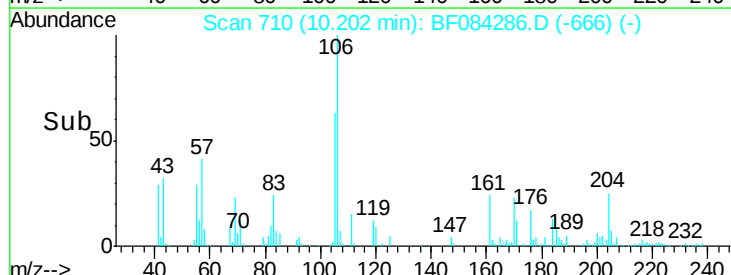
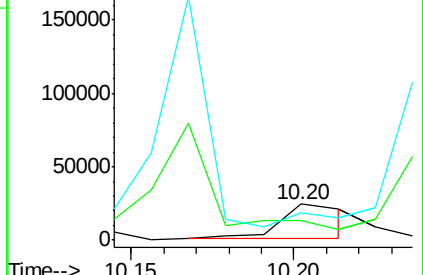
154 75.5 60.5 90.7

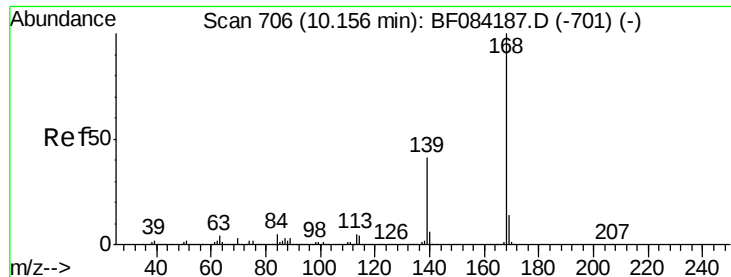


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 3.90 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.03 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PJ-SB-2(19.0-19.5)DL

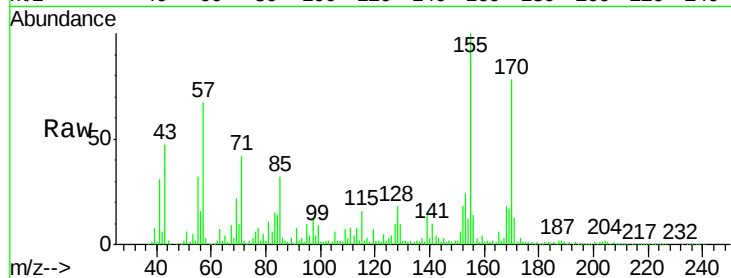
Tgt Ion:168 Resp: 175972

Ion Ratio Lower Upper

168 100

139 79.1 30.5 45.7#

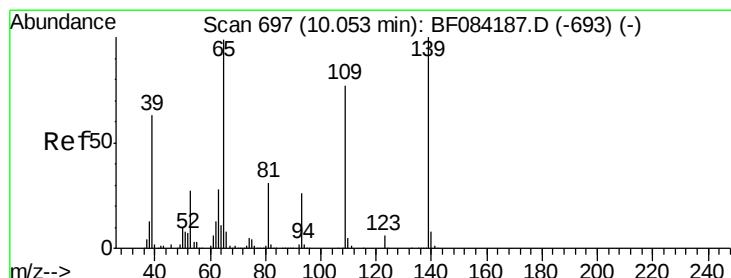
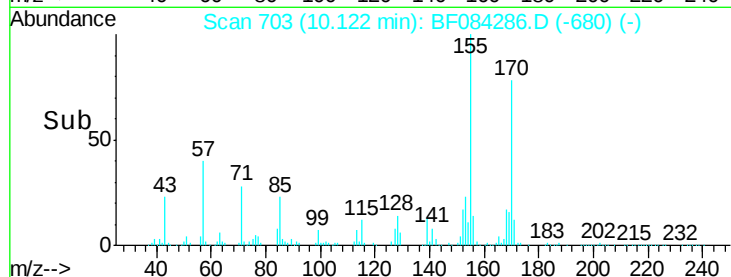
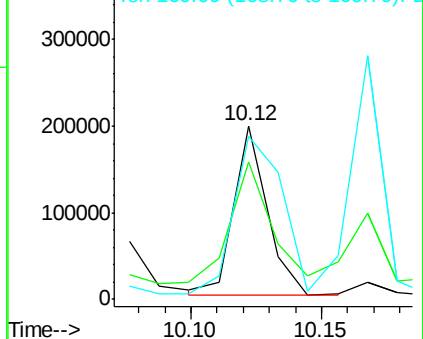
169 93.7 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 36.06 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

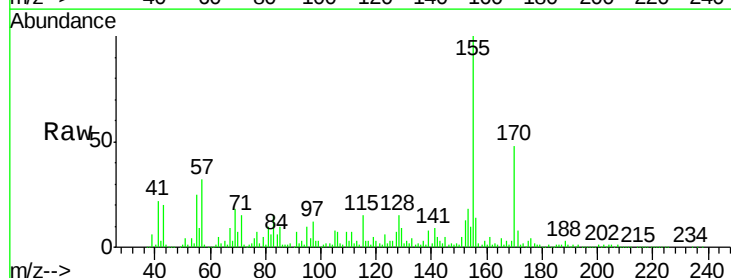
Tgt Ion:139 Resp: 168947

Ion Ratio Lower Upper

139 100

109 81.9 58.5 98.5

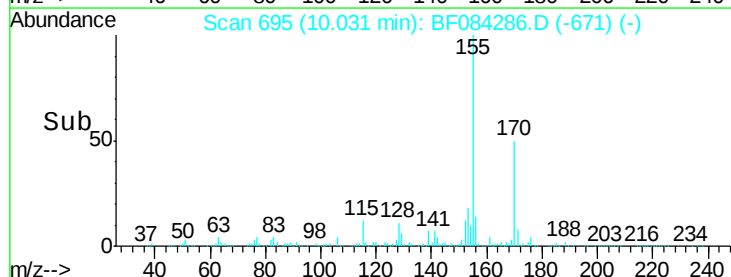
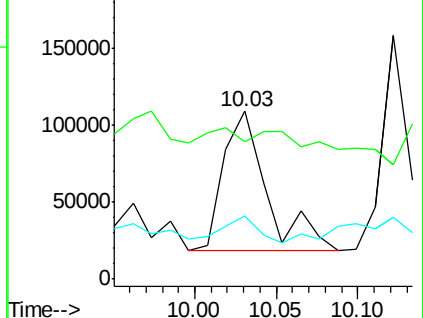
65 37.5 57.6 97.6#

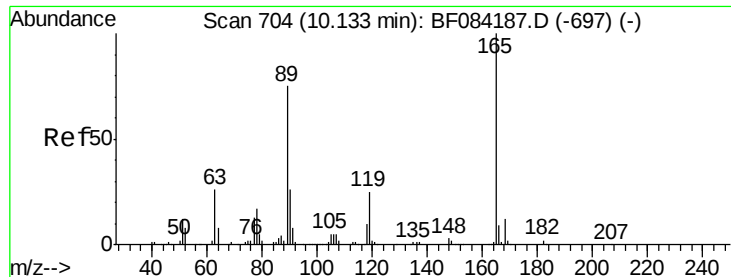


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

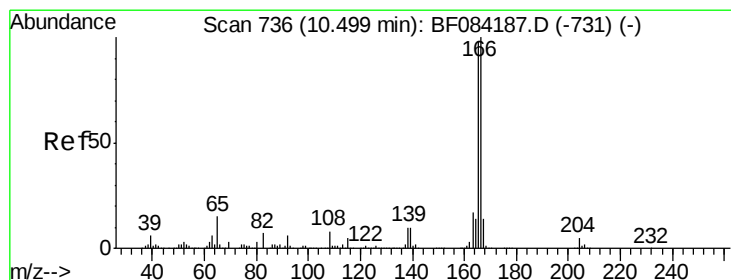
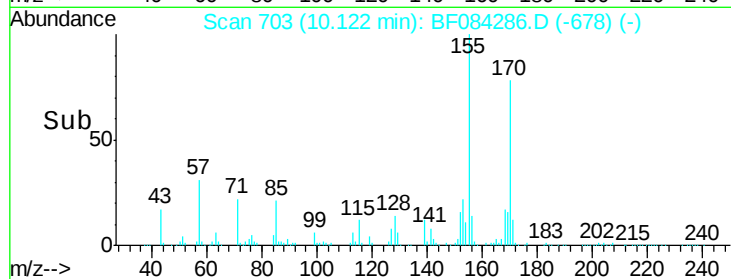
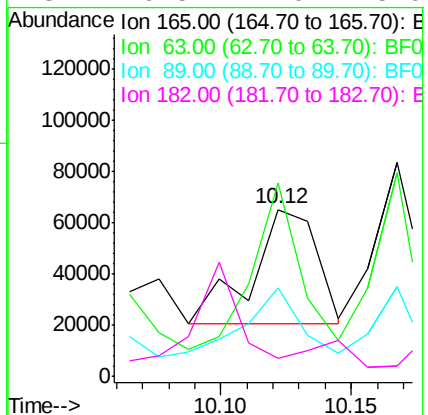
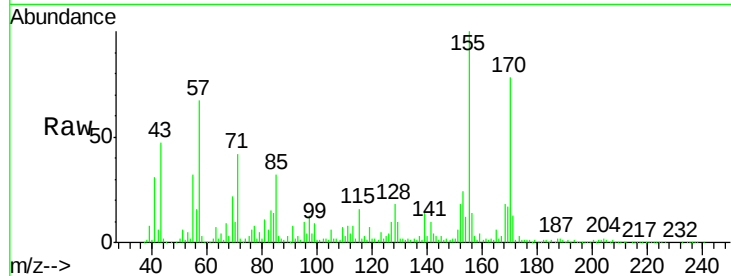




#56
2,4-Dinitrotoluene
Concen: 11.82 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF084286.D
Acq: 6 Jan 2016 13:33

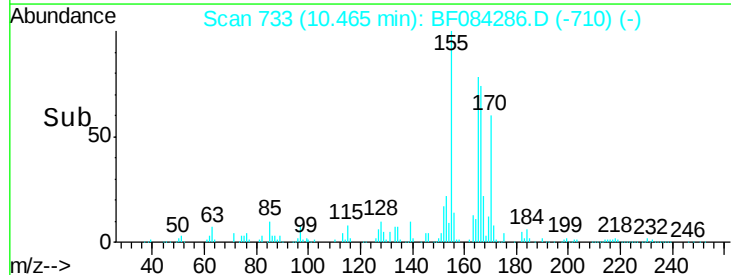
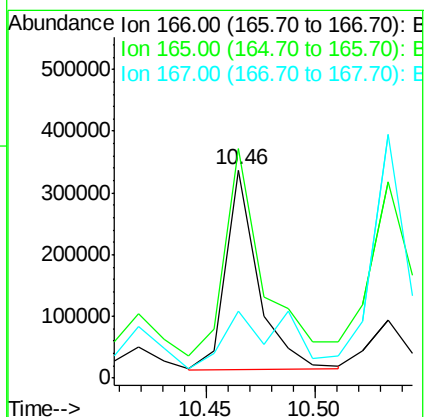
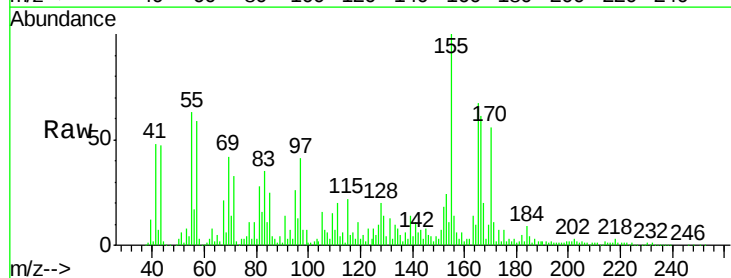
Instrument :
BNA_F
ClientSampleId :
PJ-SB-2(19.0-19.5)DL

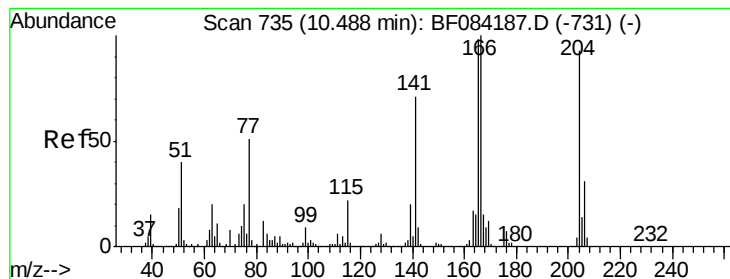
Tgt Ion:165 Resp: 77918
Ion Ratio Lower Upper
165 100
63 116.4 36.7 55.1#
89 53.3 61.9 92.9#
182 10.5 2.0 3.0#



#57
Fluorene
Concen: 14.42 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF084286.D
Acq: 6 Jan 2016 13:33

Tgt Ion:166 Resp: 330099
Ion Ratio Lower Upper
166 100
165 110.6 79.1 118.7
167 32.4 10.4 15.6#





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PJ-SB-2(19.0-19.5)DL

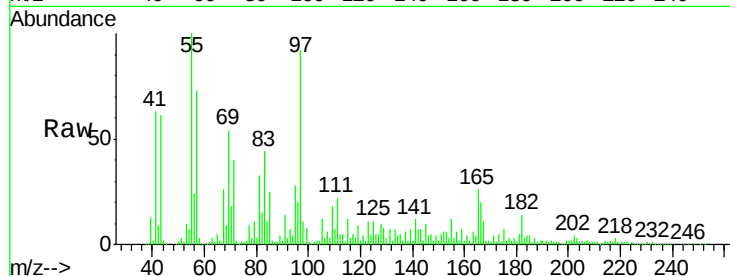
Tgt Ion: 204 Resp: 3439

Ion Ratio Lower Upper

204 100

206 79.7 25.7 38.5#

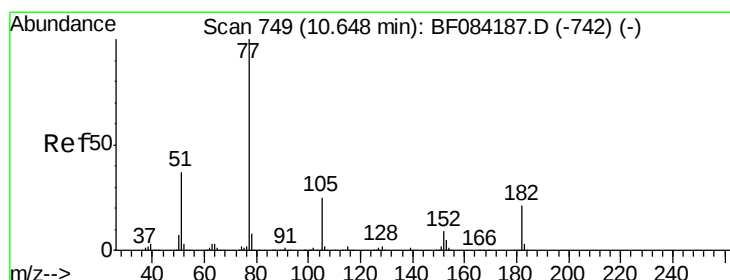
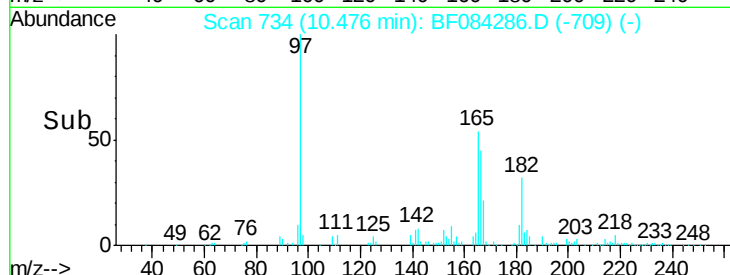
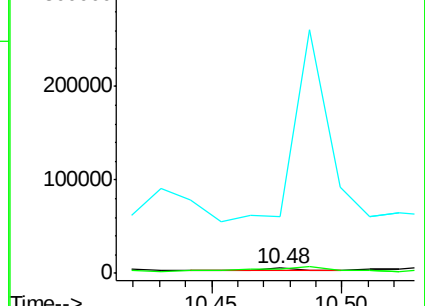
141 1123.1 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

Azobenzene

Concen: 2.12 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Tgt Ion: 77 Resp: 54401

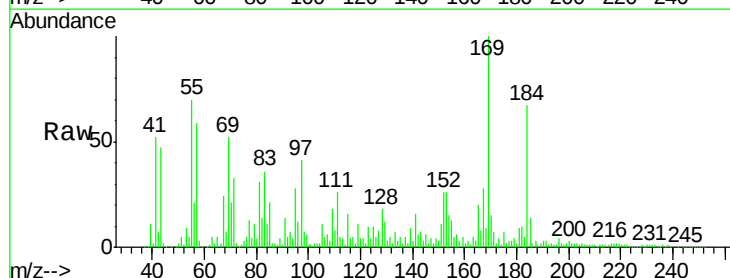
Ion Ratio Lower Upper

77 100

182 75.6 8.3 48.3#

105 89.3 4.6 44.6#

51 37.7 6.2 46.2

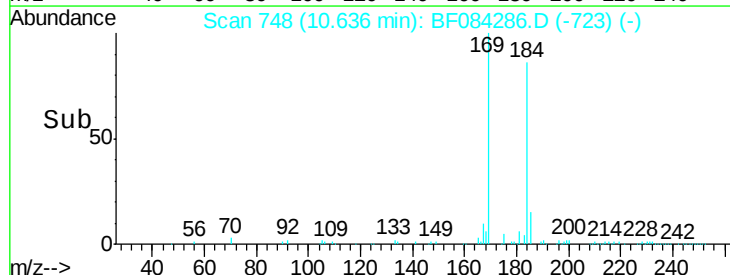
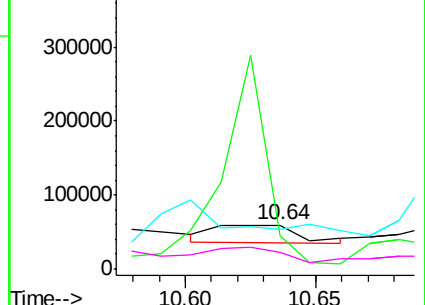


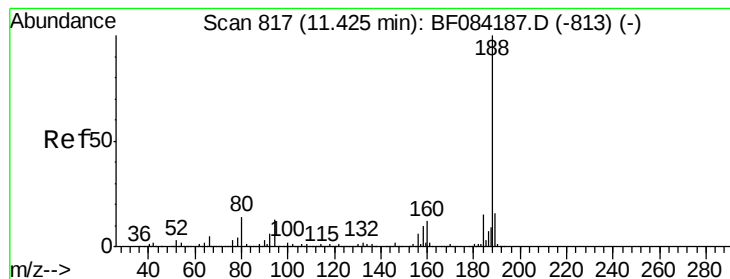
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.40 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PJ-SB-2(19.0-19.5)DL

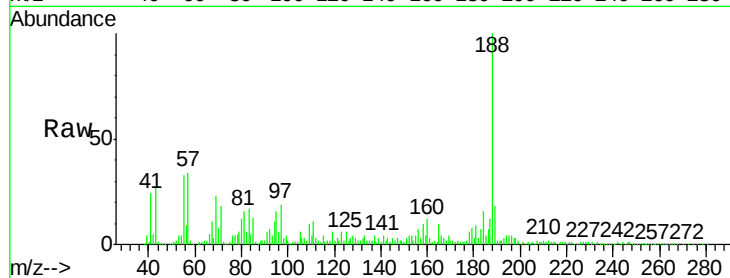
Tgt Ion:188 Resp: 643225

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

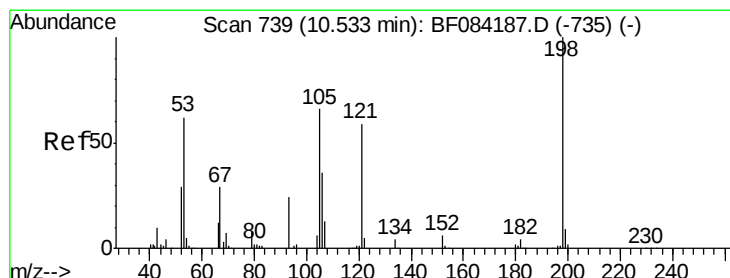
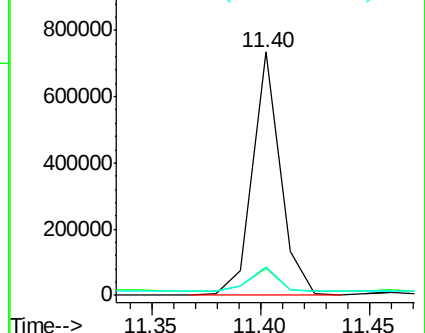
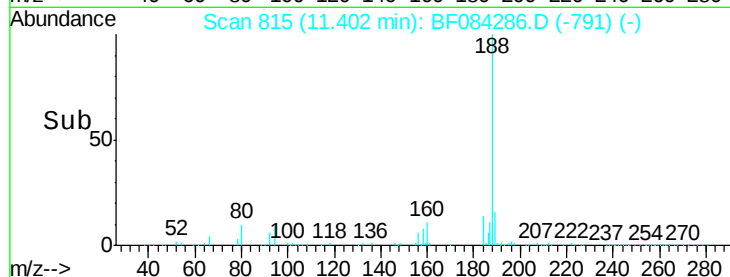
80 11.8 9.6 14.4



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: 6.96 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

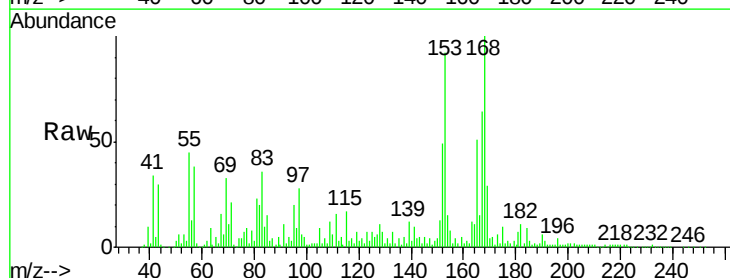
Tgt Ion:198 Resp: 2874

Ion Ratio Lower Upper

198 100

51 763.9 18.9 58.9#

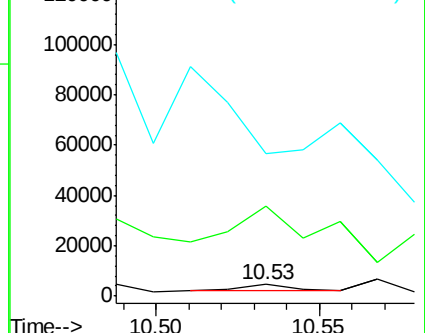
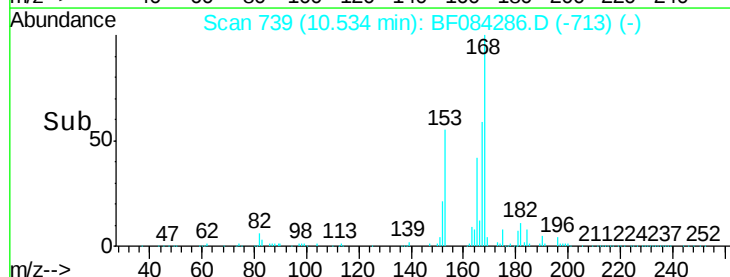
105 1205.9 26.4 66.4#

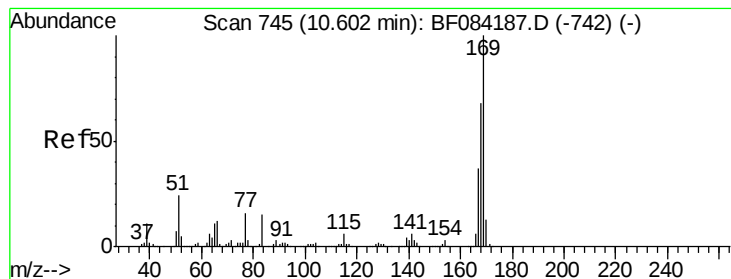


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

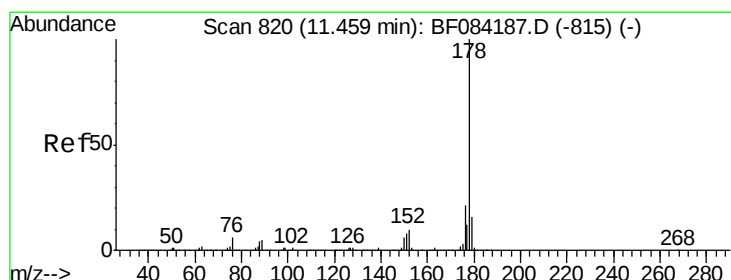
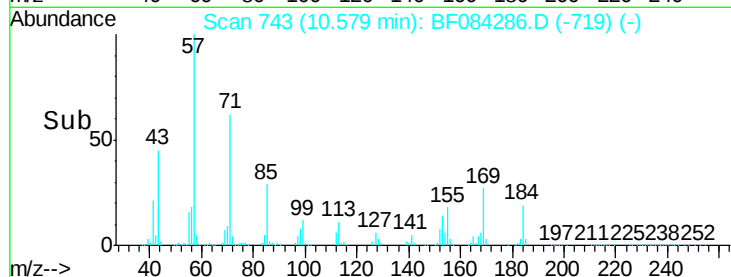
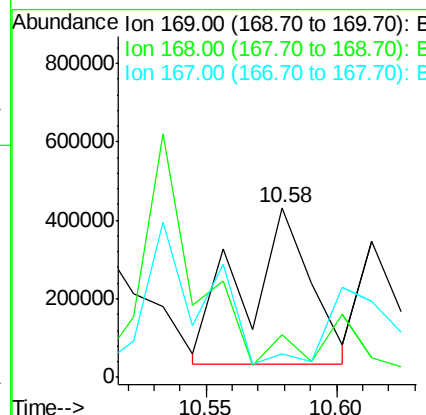
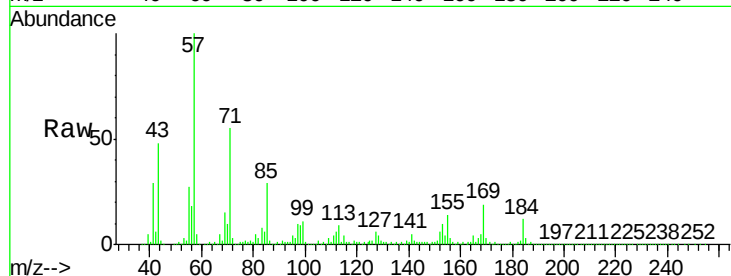




#65
n-Nitrosodiphenylamine
Concen: 34.65 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF084286.D
Acq: 6 Jan 2016 13:33

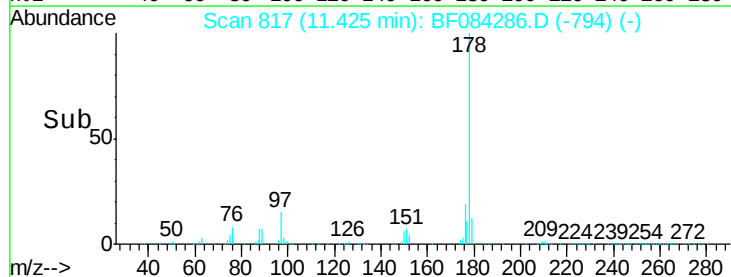
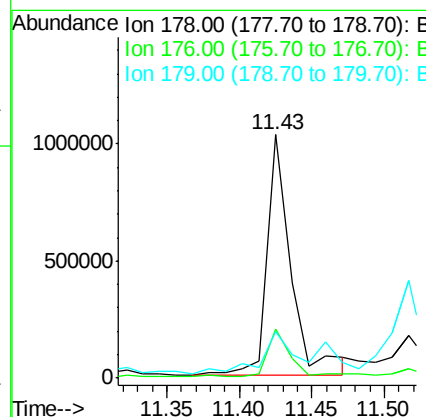
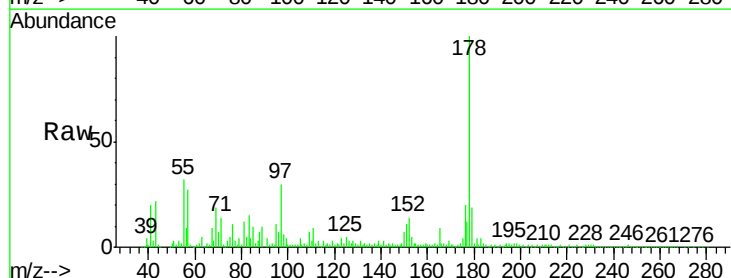
Instrument :
BNA_F
ClientSampleId :
PJ-SB-2(19.0-19.5)DL

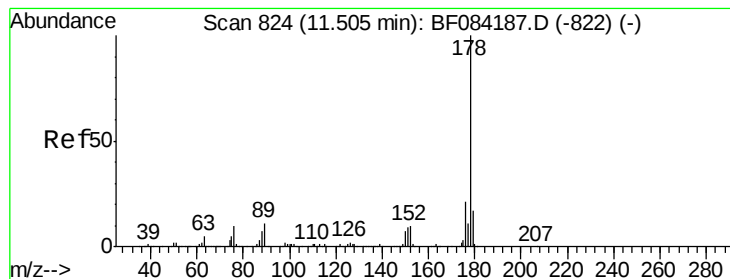
Tgt Ion:169 Resp: 712668
Ion Ratio Lower Upper
169 100
168 24.8 55.1 82.7#
167 13.9 30.0 45.0#



#70
Phenanthrene
Concen: 35.35 ng
RT: 11.43 min Scan# 817
Delta R.T. -0.03 min
Lab File: BF084286.D
Acq: 6 Jan 2016 13:33

Tgt Ion:178 Resp: 1189302
Ion Ratio Lower Upper
178 100
176 20.3 15.3 22.9
179 19.3 12.0 18.0#





#71

Anthracene

Concen: 16.17 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PJ-SB-2(19.0-19.5)DL

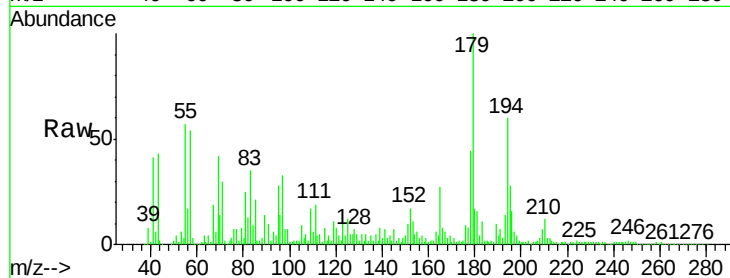
Tgt Ion:178 Resp: 533409

Ion Ratio Lower Upper

178 100

176 21.7 15.4 23.0

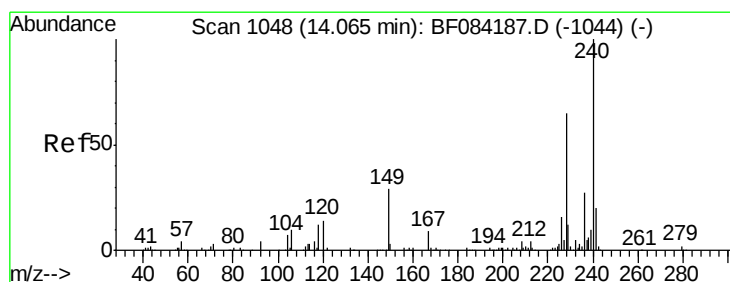
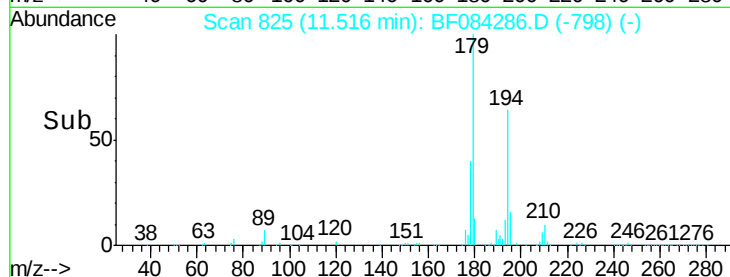
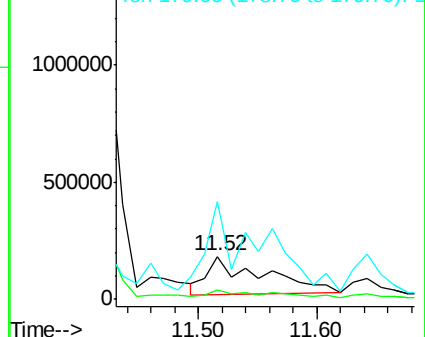
179 228.7 12.5 18.7#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

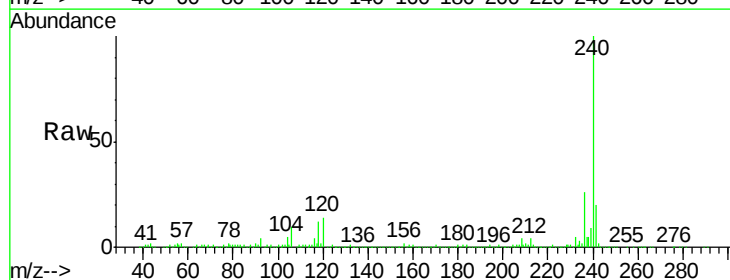
Tgt Ion:240 Resp: 678816

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

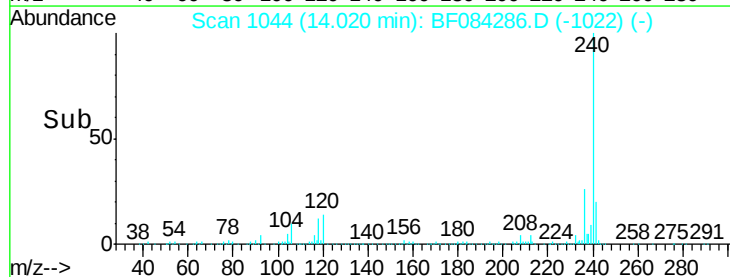
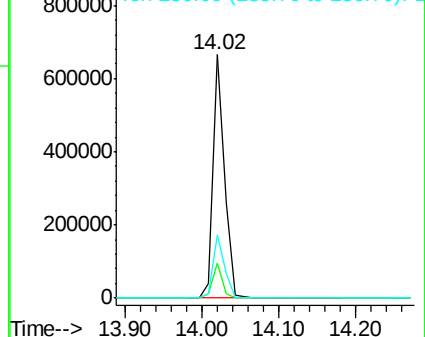
236 25.7 20.6 31.0

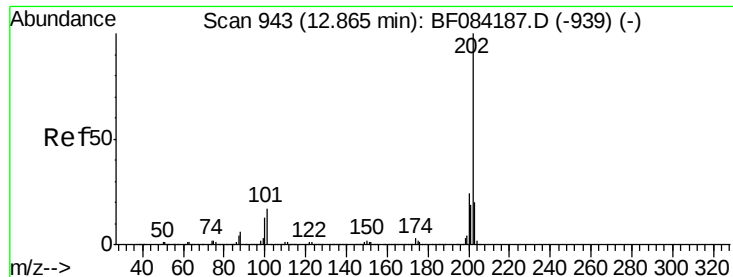


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.11 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PJ-SB-2(19.0-19.5)DL

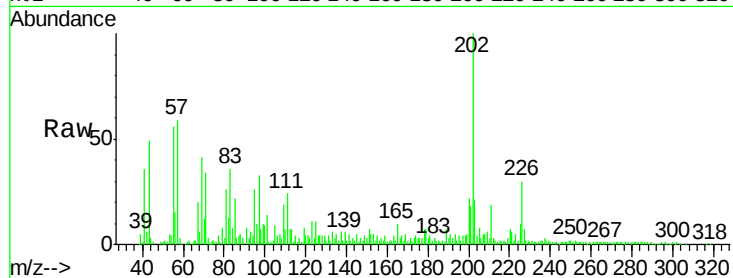
Tgt Ion:202 Resp: 112439

Ion Ratio Lower Upper

202 100

200 22.0 17.2 25.8

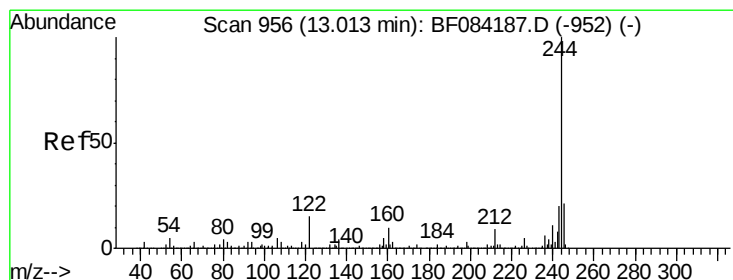
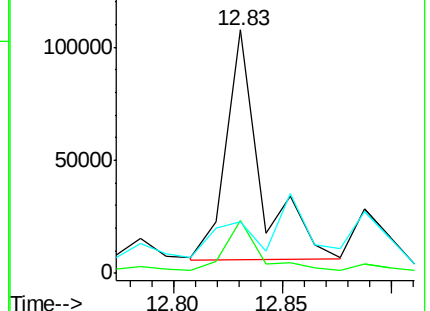
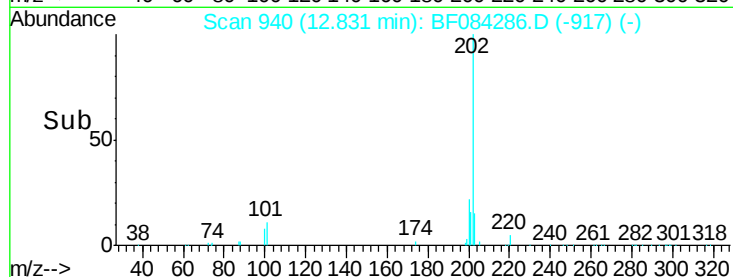
203 21.4 14.3 21.5



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: 22.37 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084286.D

Acq: 6 Jan 2016 13:33

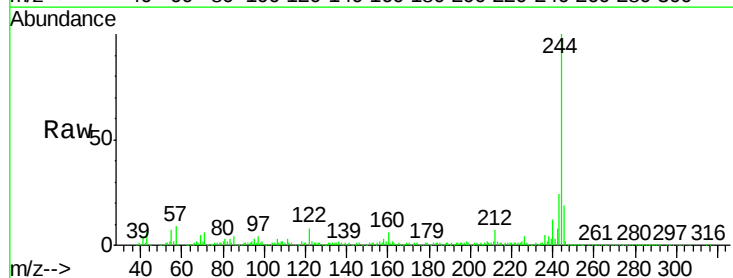
Tgt Ion:244 Resp: 680266

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

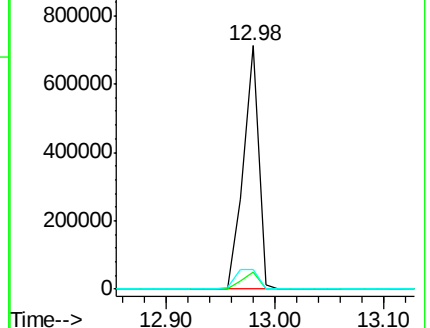
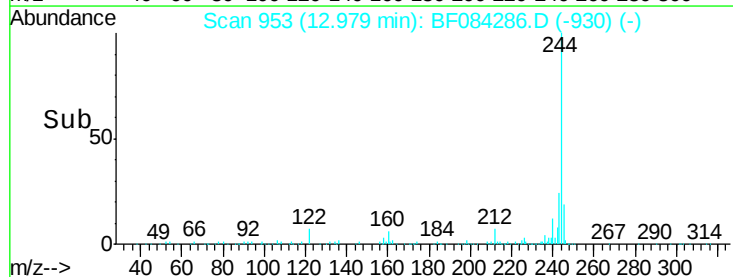
122 7.8 7.4 11.0

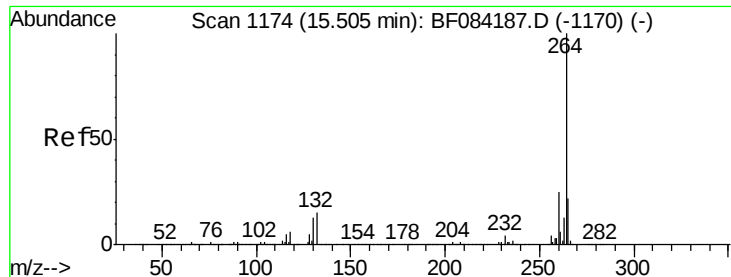


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084286.D
Acq: 6 Jan 2016 13:33

Instrument :
BNA_F
ClientSampleId :
PJ-SB-2(19.0-19.5)DL

Tgt Ion: 264 Resp: 553606
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.7 17.8 26.6

