

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080078.D
 Acq On : 20 Jun 2015 3:35
 Operator : TP/IZ
 Sample : G2683-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Quant Time: Jun 20 04:08:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	39930	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	161913	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	85184	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	190036	20.00	ng	-0.01
75) Chrysene-d12	14.79	240	206721	20.00	ng	-0.07
86) Perylene-d12	16.64	264	198280	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.94	112	316745	140.42	ng	0.00
7) Phenol-d6	6.93	99	394650	131.48	ng	-0.01
23) Nitrobenzene-d5	7.89	82	248937	89.51	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	125086	150.17	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	510923	85.54	ng	-0.01
78) Terphenyl-d14	13.56	244	735286	83.07	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	7.10	93	384	0.09	ng	# 1
9) Benzaldehyde	6.93	77	402	0.23	ng	# 1
10) Phenol	6.94	94	4236	1.29	ng	# 1
11) bis(2-Chloroethyl)ether	7.10	93	384	0.15	ng	# 1
15) Benzyl Alcohol	7.49	79	4533	1.85	ng	# 28
19) n-Nitroso-di-n-propylamine	7.89	70	31336	15.04	ng	# 59
24) Nitrobenzene	7.89	77	596	0.21	ng	# 20
25) Isophorone	7.89	82	248930	44.47	ng	# 58
45) 1,1'-Biphenyl	9.69	154	948	0.14	ng	# 1
47) 2-Nitroaniline	9.69	65	634	0.41	ng	# 1
49) Dimethylphthalate	10.08	163	38842	6.07	ng	# 96
50) 2,6-Dinitrotoluene	10.08	165	405	0.32	ng	# 1
51) Acenaphthene	10.39	154	241	0.04	ng	# 9
54) Dibenzofuran	10.60	168	307	0.04	ng	# 51
56) 2,4-Dinitrotoluene	10.39	165	10886	6.68	ng	# 31
57) Fluorene	11.18	166	5328	0.82	ng	# 74
59) Diethylphthalate	10.79	149	366	0.06	ng	# 59
62) Azobenzene	11.10	77	9109	1.39	ng	# 4
65) n-Nitrosodiphenylamine	11.19	169	3673	0.59	ng	# 35
66) 4-Bromophenyl-phenylether	11.19	248	8219	4.07	ng	# 1
70) Phenanthrene	11.92	178	1351	0.12	ng	# 62
71) Anthracene	11.97	178	673	0.06	ng	# 62
72) Carbazole	12.12	167	206	0.02	ng	# 62
73) Di-n-butylphthalate	12.45	149	1144	0.09	ng	# 78
74) Fluoranthene	13.16	202	1183	0.10	ng	# 60
77) Pyrene	13.41	202	1278	0.10	ng	# 59
80) Benzo(a)anthracene	14.78	228	1271	0.10	ng	# 53
82) Chrysene	14.83	228	660	0.06	ng	# 52
83) Bis(2-ethylhexyl)phthalate	14.76	149	361	0.04	ng	# 50
87) Benzo(b)fluoranthene	16.11	252	592	0.05	ng	# 54
88) Benzo(k)fluoranthene	16.11	252	592	0.05	ng	# 56
89) Benzo(a)pyrene	16.56	252	278	0.02	ng	# 54

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QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

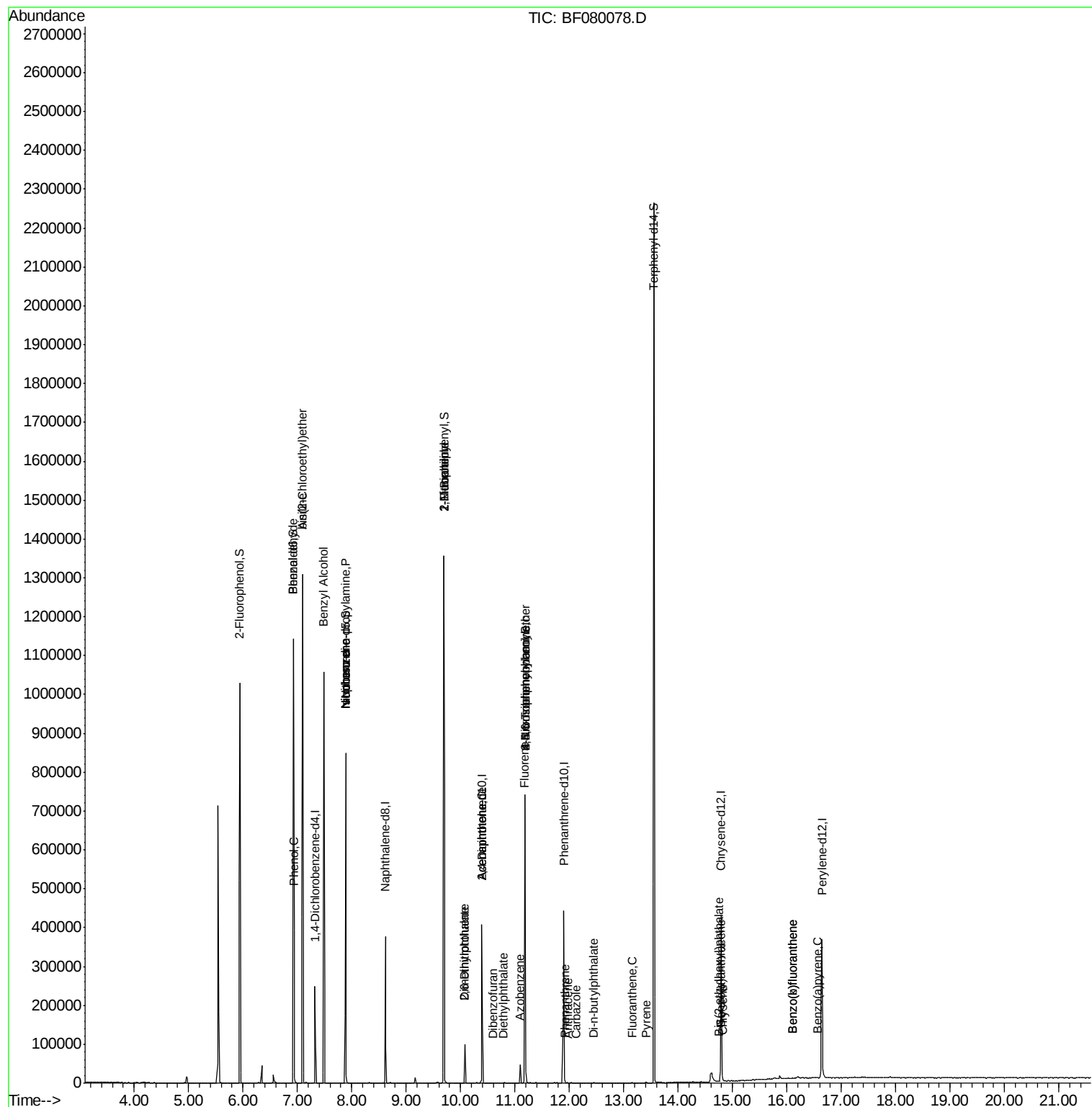
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

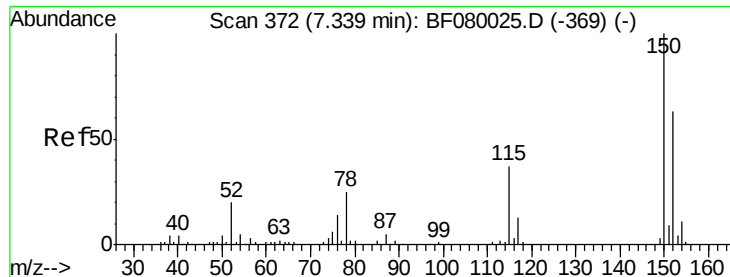
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

Instrument :

BNA_F

ClientSampleId :

PE-2

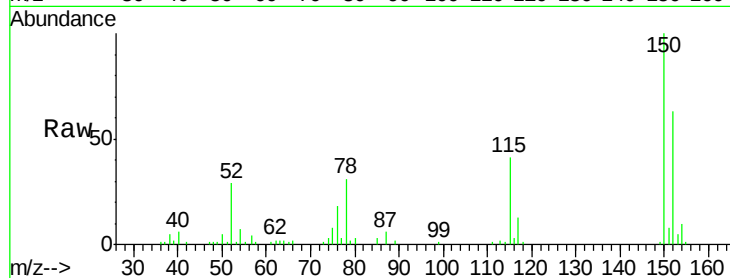
Tgt Ion:152 Resp: 39930

Ion Ratio Lower Upper

152 100

150 158.1 124.7 187.1

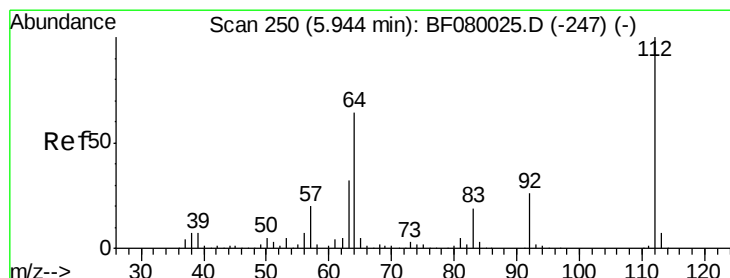
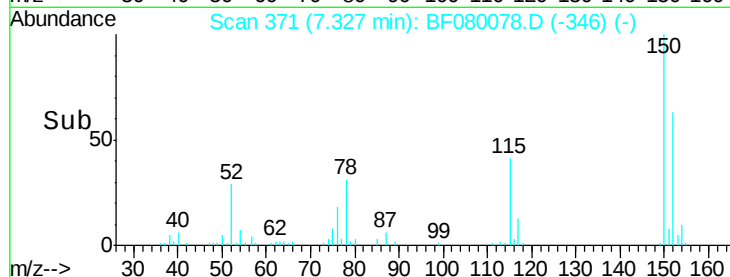
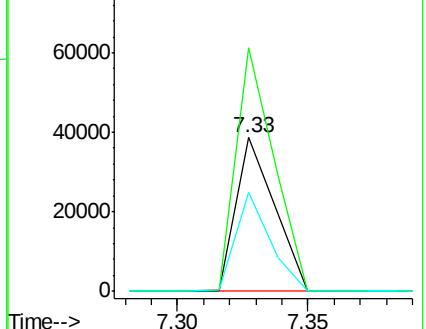
115 64.7 39.0 58.4#



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: 140.42 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

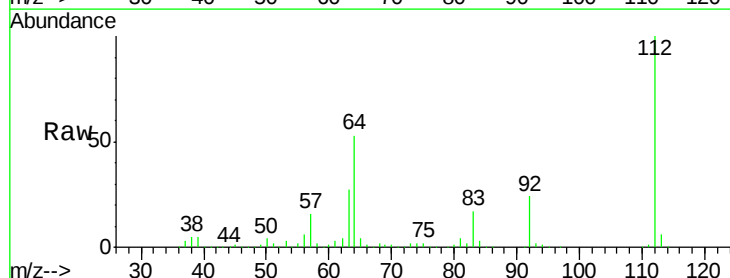
Tgt Ion:112 Resp: 316745

Ion Ratio Lower Upper

112 100

64 53.1 39.7 59.5

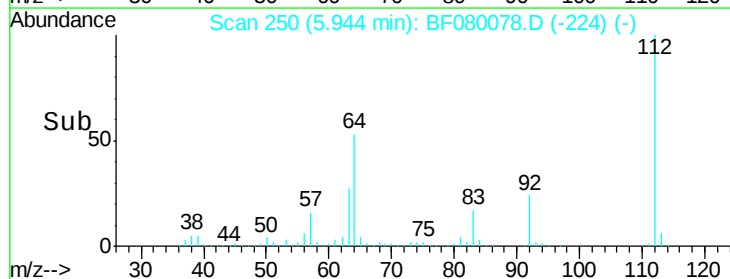
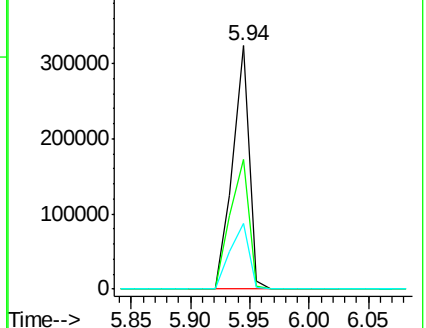
63 27.1 17.4 26.0#

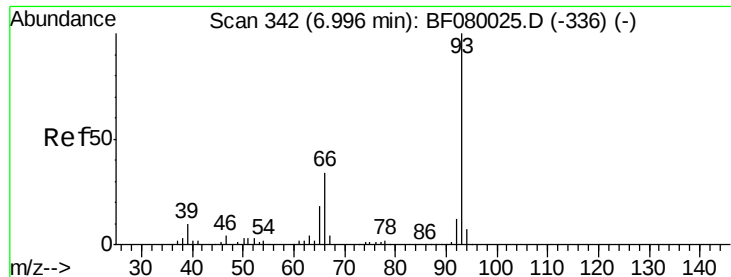


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.09 ng

RT: 7.10 min Scan# 351

Delta R.T. 0.10 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

Instrument :

BNA_F

ClientSampleId :

PE-2

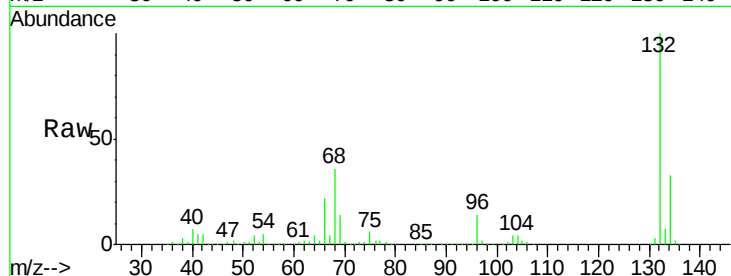
Tgt Ion: 93 Resp: 384

Ion Ratio Lower Upper

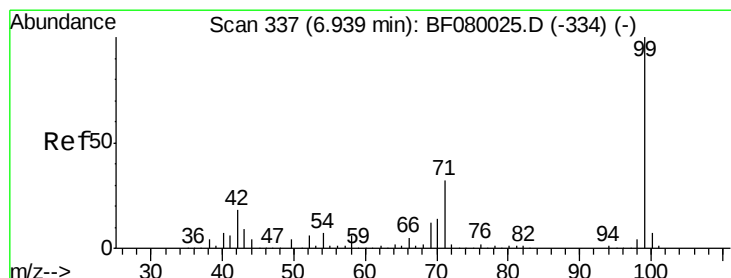
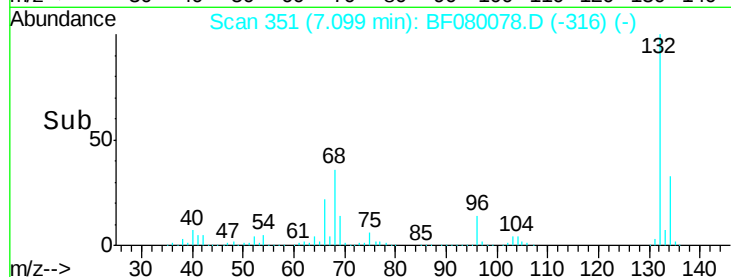
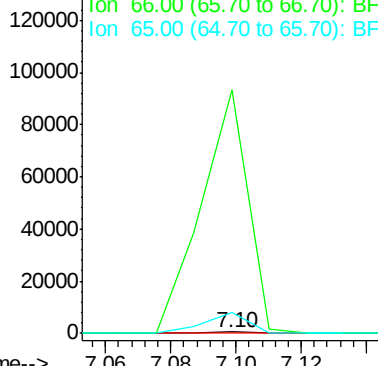
93 100

66 16665.7 27.2 40.8#

65 1425.0 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 131.48 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

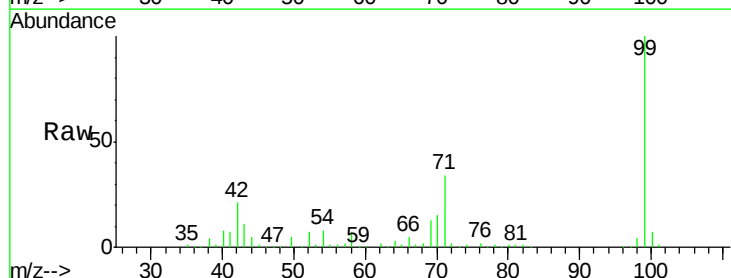
Tgt Ion: 99 Resp: 394650

Ion Ratio Lower Upper

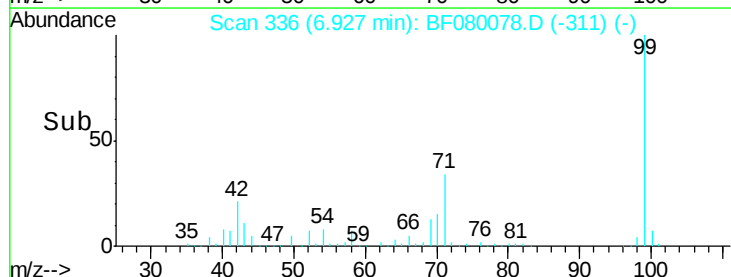
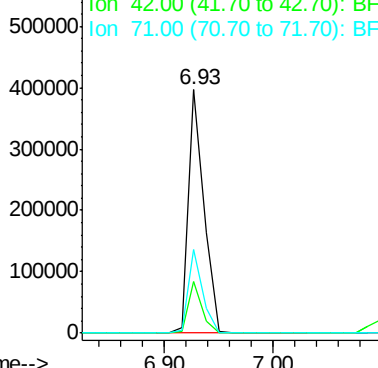
99 100

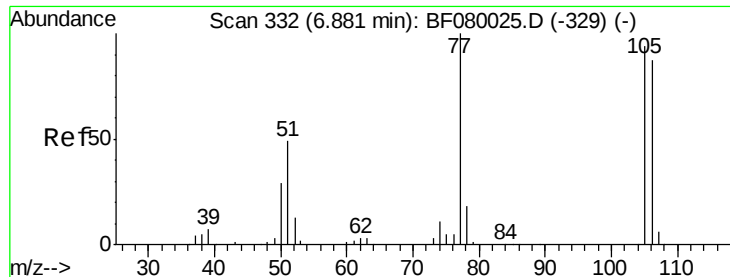
42 21.1 13.7 20.5#

71 34.3 14.2 21.2#



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





#9

Benzaldehyde

Concen: 0.23 ng

RT: 6.93 min Scan# 336

Delta R.T. 0.05 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

Instrument :

BNA_F

ClientSampleId :

PE-2

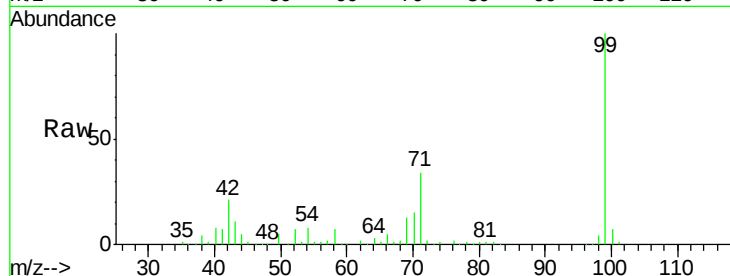
Tgt Ion: 77 Resp: 402

Ion Ratio Lower Upper

77 100

105 0.0 91.6 131.6#

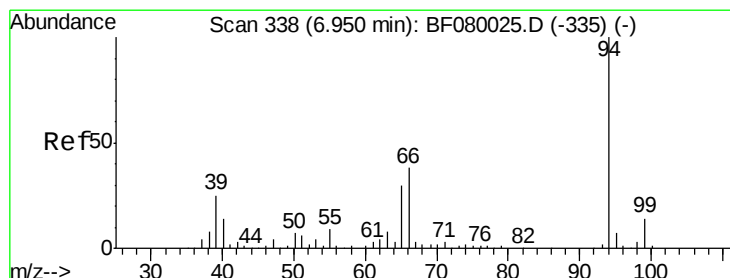
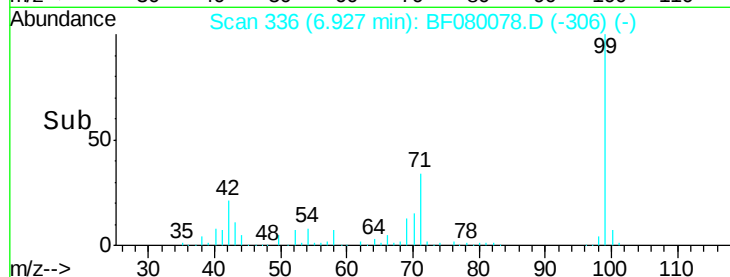
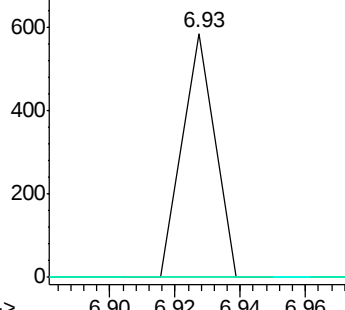
106 0.0 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 1.29 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.02 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

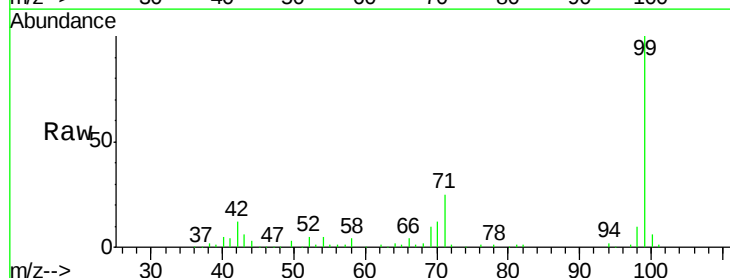
Tgt Ion: 94 Resp: 4236

Ion Ratio Lower Upper

94 100

65 66.2 0.7 40.7#

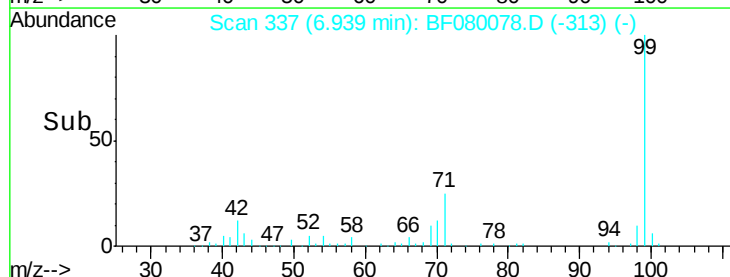
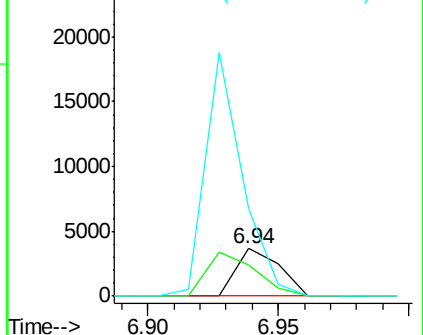
66 186.2 0.8 40.8#

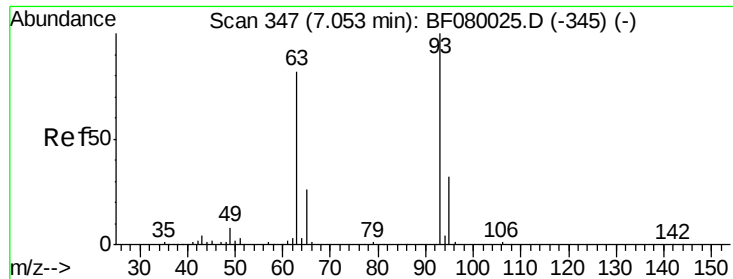


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

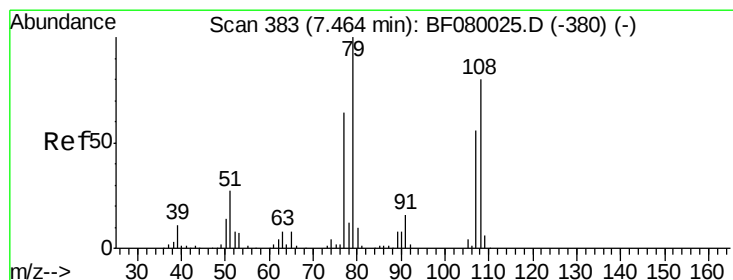
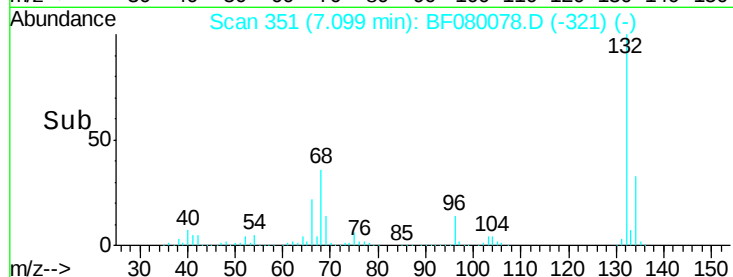
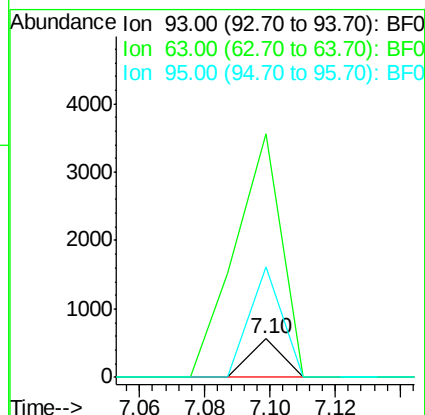
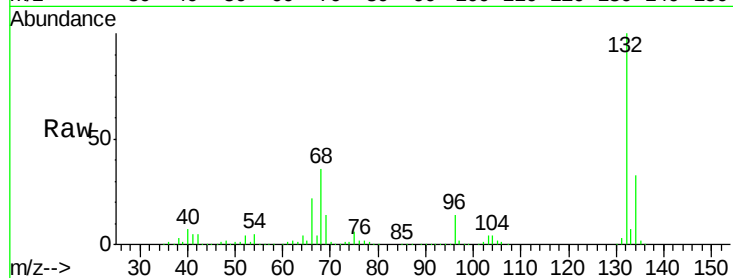




#11
bis(2-Chloroethyl)ether
Concen: 0.15 ng
RT: 7.10 min Scan# 351
Delta R.T. 0.05 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

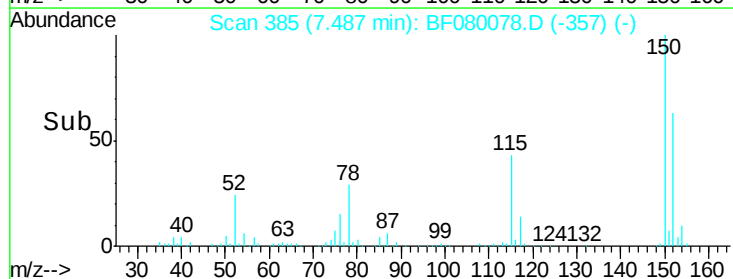
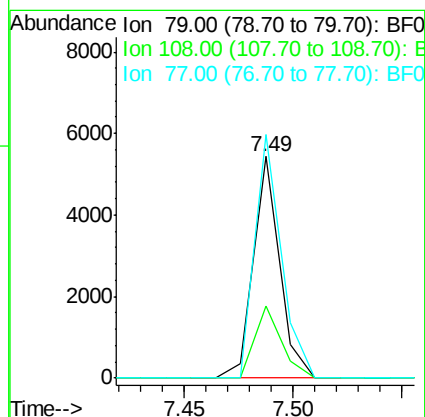
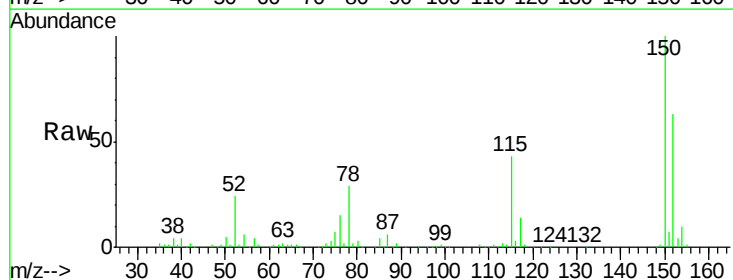
Instrument :
BNA_F
ClientSampleId :
PE-2

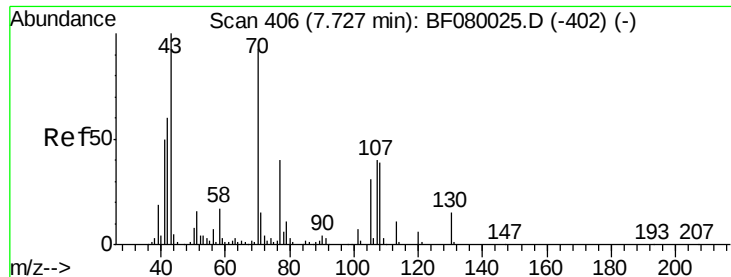
Tgt Ion: 93 Resp: 384
Ion Ratio Lower Upper
93 100
63 635.7 65.6 105.6#
95 287.7 13.6 53.6#



#15
Benzyl Alcohol
Concen: 1.85 ng
RT: 7.49 min Scan# 385
Delta R.T. 0.02 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

Tgt Ion: 79 Resp: 4533
Ion Ratio Lower Upper
79 100
108 32.3 88.6 132.8#
77 109.9 47.0 70.4#

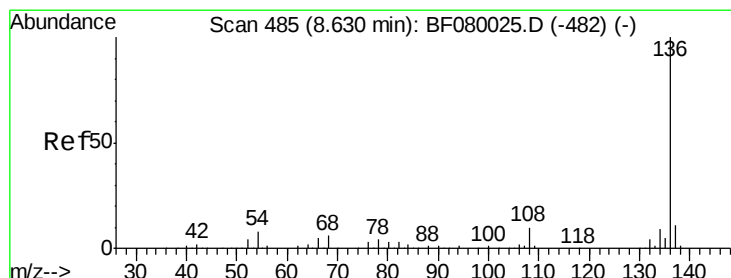
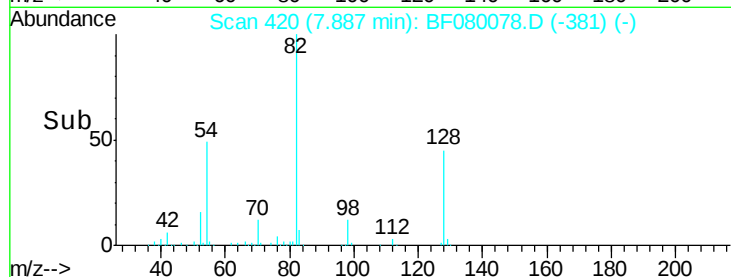
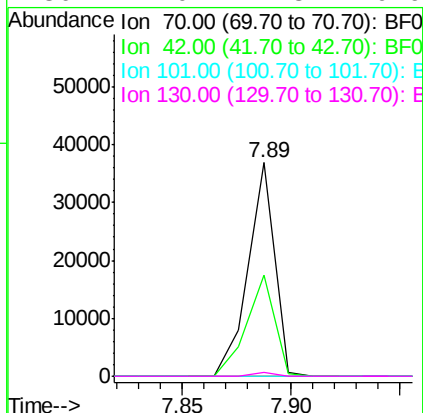
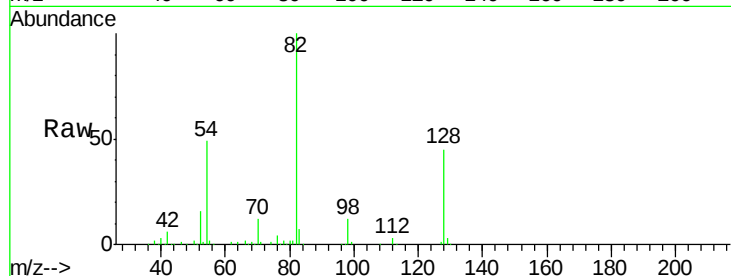




#19
n-Nitroso-di-n-propylamine
Concen: 15.04 ng
RT: 7.89 min Scan# 420
Delta R.T. 0.15 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

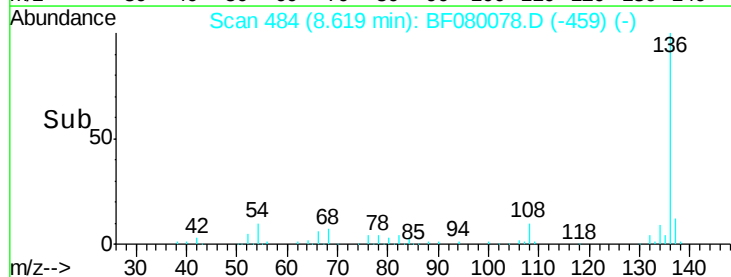
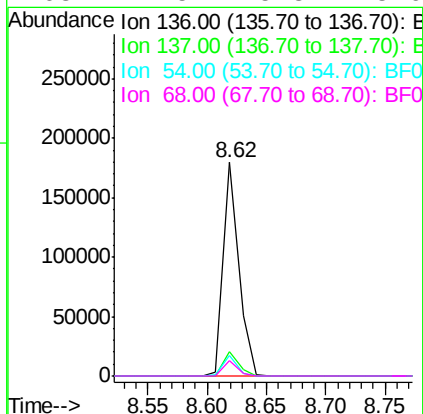
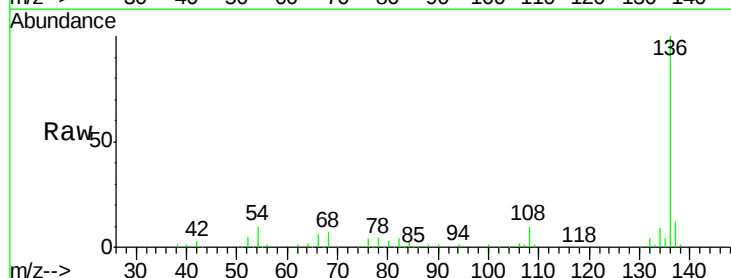
Instrument :
BNA_F
ClientSampled :
PE-2

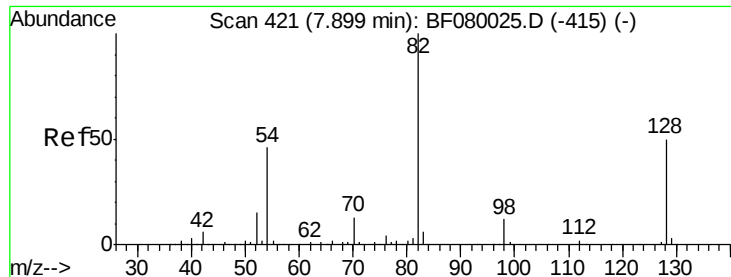
Tgt Ion: 70 Resp: 31336
Ion Ratio Lower Upper
70 100
42 47.3 63.8 95.6#
101 0.0 9.2 13.8#
130 2.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

Tgt Ion: 136 Resp: 161913
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 9.5 8.2 12.2
68 7.5 5.8 8.6





#23

Nitrobenzene-d5

Concen: 89.51 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

Instrument :

BNA_F

ClientSampled :

PE-2

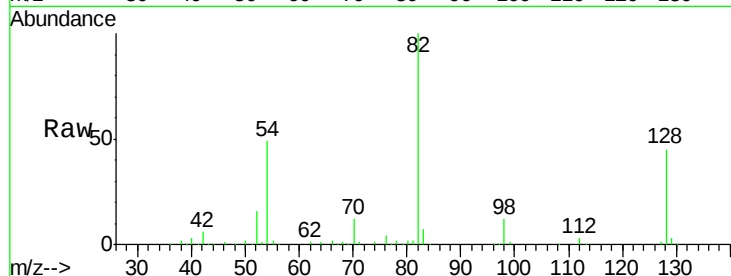
Tgt Ion: 82 Resp: 248937

Ion Ratio Lower Upper

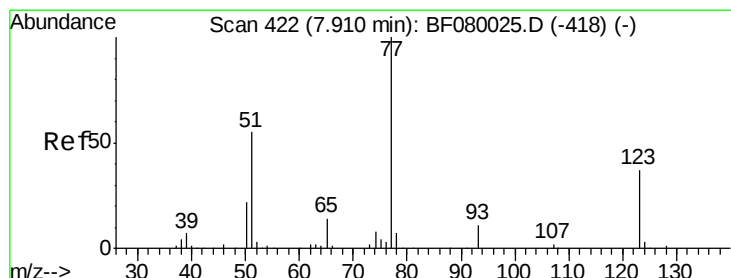
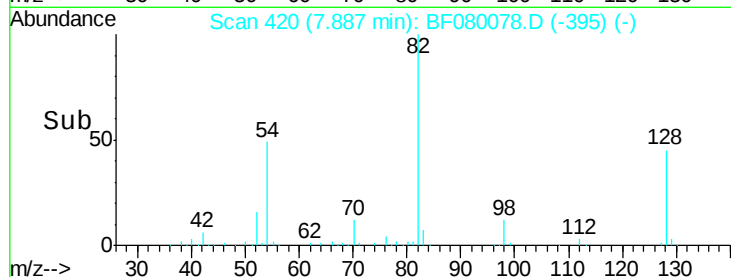
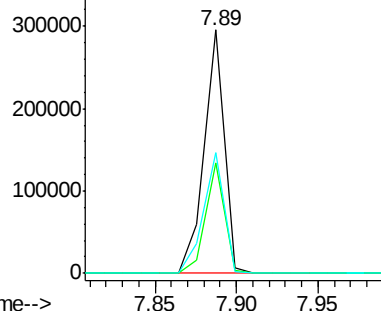
82 100

128 45.2 51.0 76.6#

54 49.4 47.5 71.3



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



#24

Nitrobenzene

Concen: 0.21 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

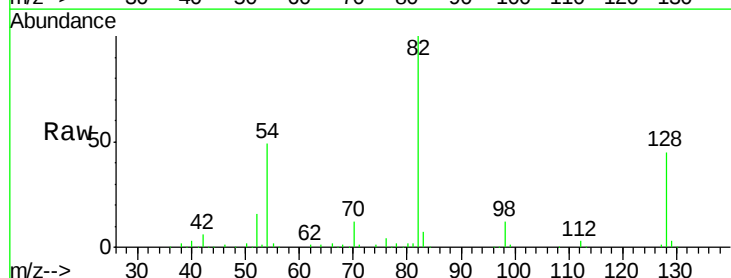
Tgt Ion: 77 Resp: 596

Ion Ratio Lower Upper

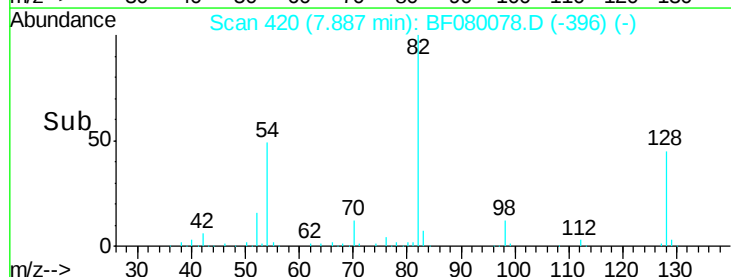
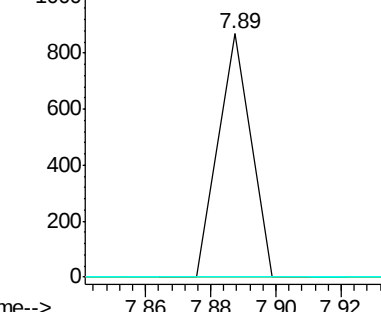
77 100

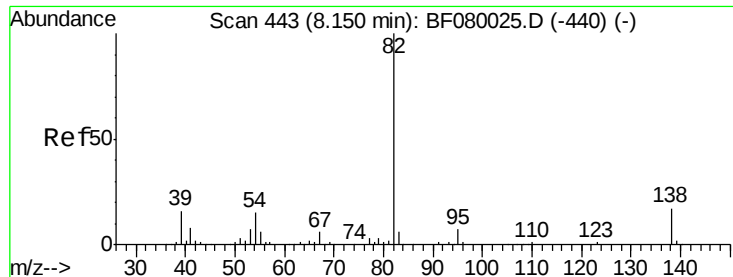
123 0.0 59.8 89.8#

65 0.0 10.2 15.4#



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





#25

Isophorone

Concen: 44.47 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

Instrument :

BNA_F

ClientSampleId :

PE-2

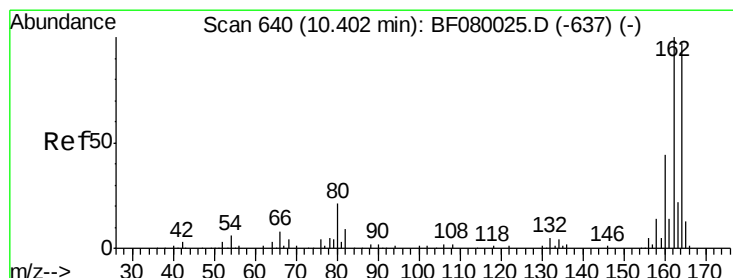
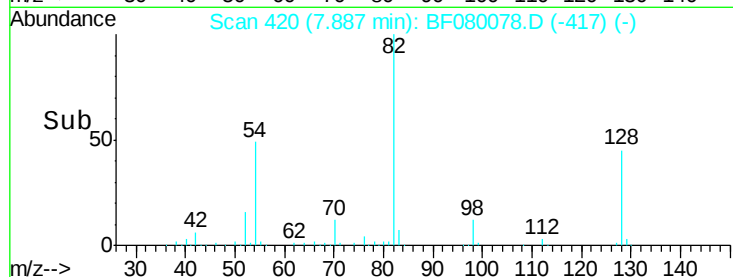
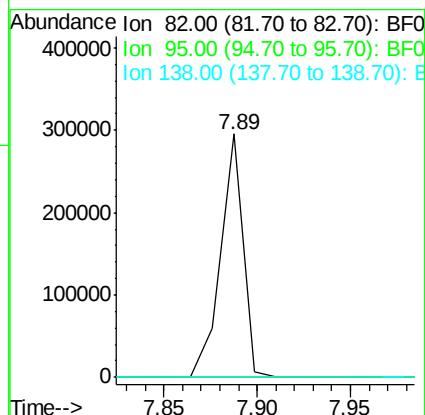
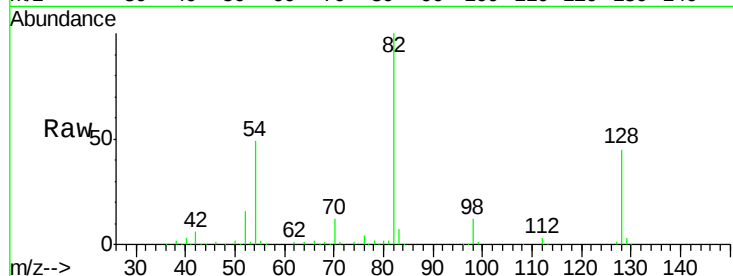
Tgt Ion: 82 Resp: 248930

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

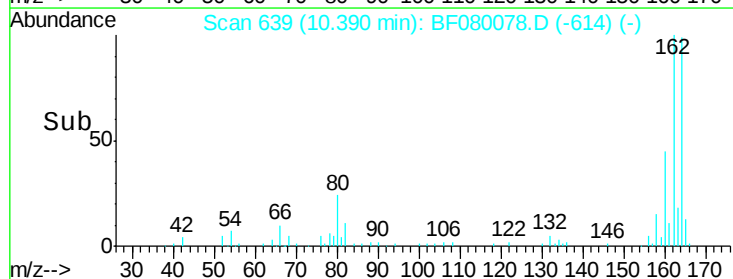
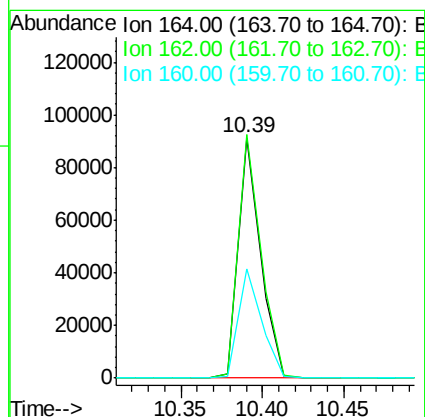
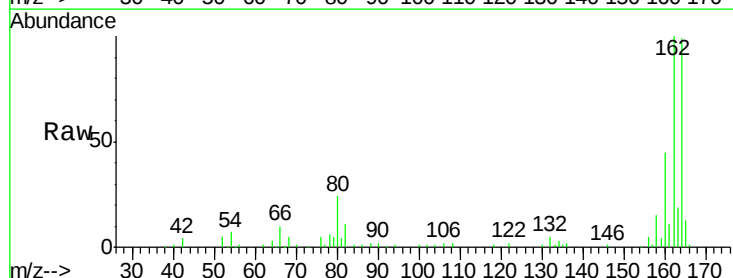
Tgt Ion: 164 Resp: 85184

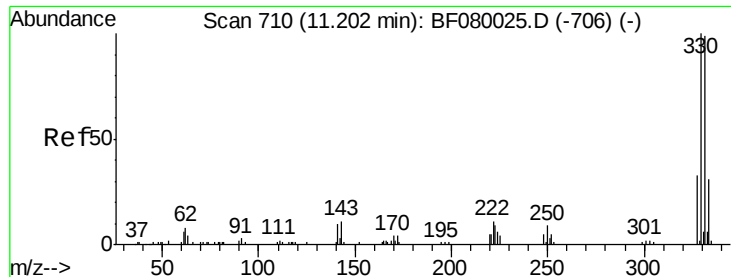
Ion Ratio Lower Upper

164 100

162 101.3 75.2 112.8

160 45.5 31.5 47.3

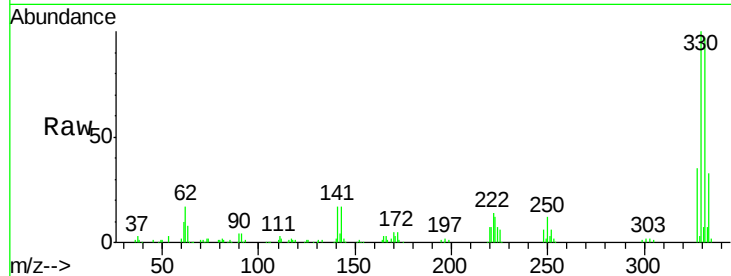




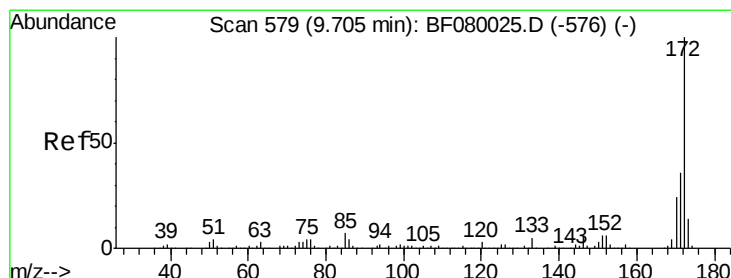
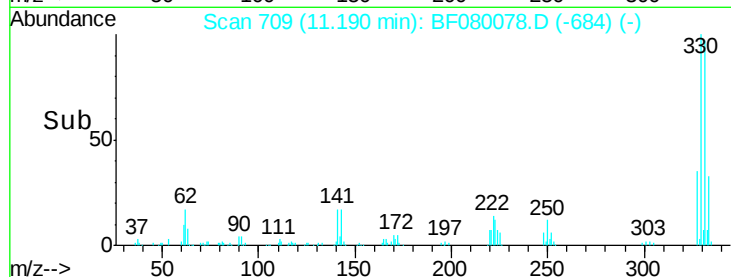
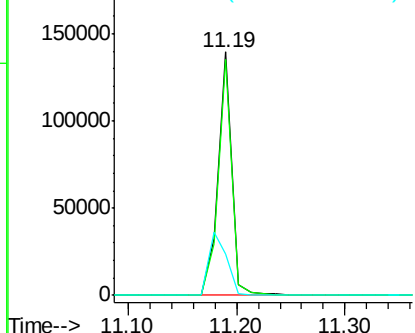
#41
 2,4,6-Tribromophenol
 Concen: 150.17 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tgt Ion:330 Resp: 125086
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 33.9 29.7 44.5

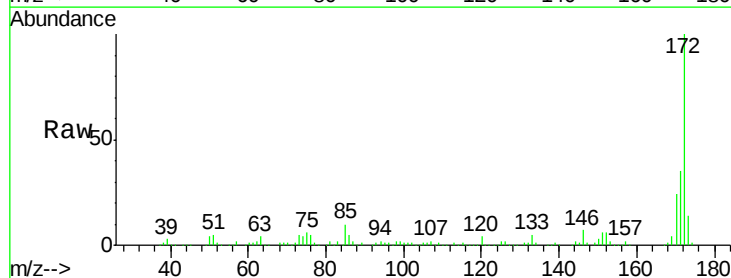


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

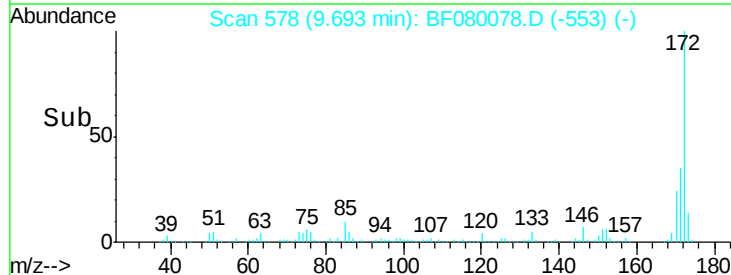
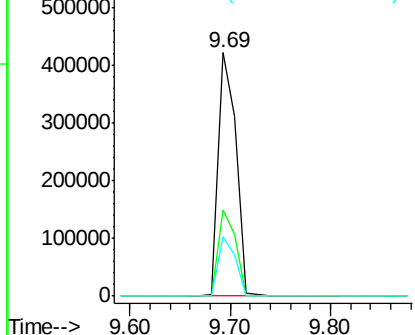


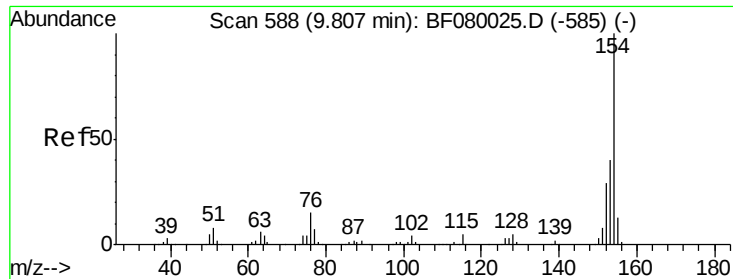
#44
 2-Fluorobiphenyl
 Concen: 85.54 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

Tgt Ion:172 Resp: 510923
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.2 17.4 26.2



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

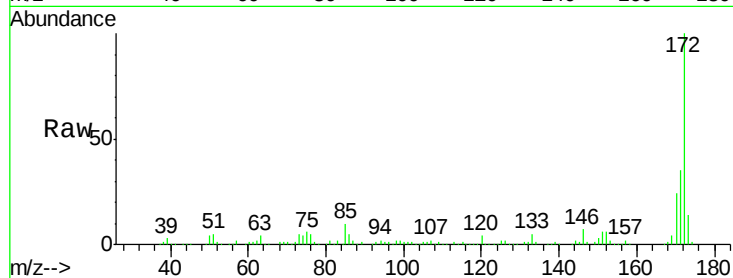




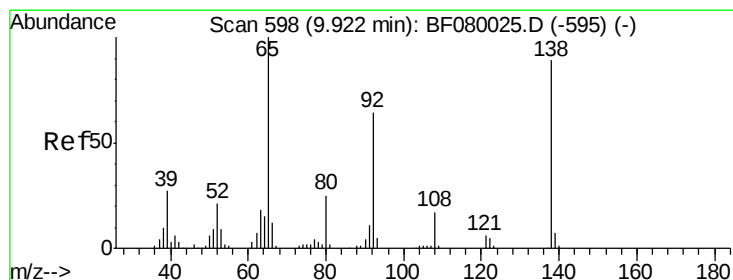
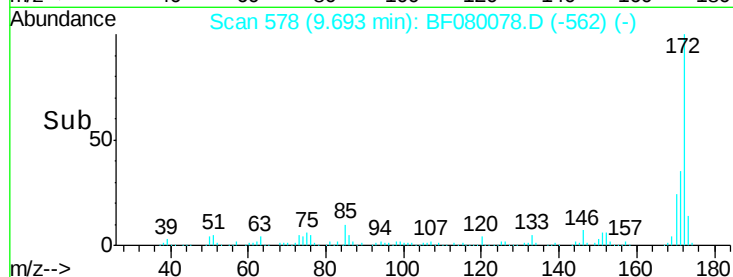
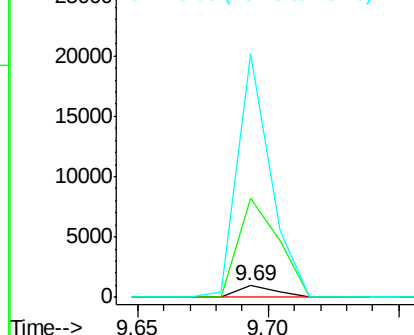
#45
1,1'-Biphenyl
Concen: 0.14 ng
RT: 9.69 min Scan# 578
Delta R.T. -0.11 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

Instrument :
BNA_F
ClientSampleId :
PE-2

Tgt Ion:154 Resp: 948
Ion Ratio Lower Upper
154 100
153 860.0 17.1 57.1#
76 2119.3 0.0 31.6#

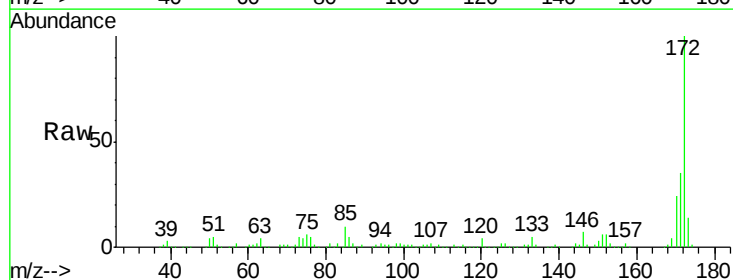


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

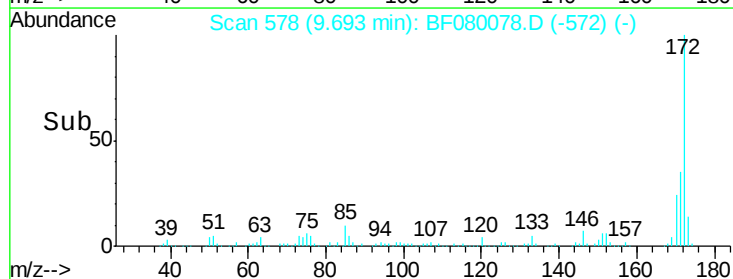
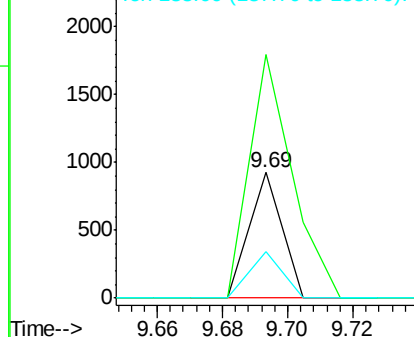


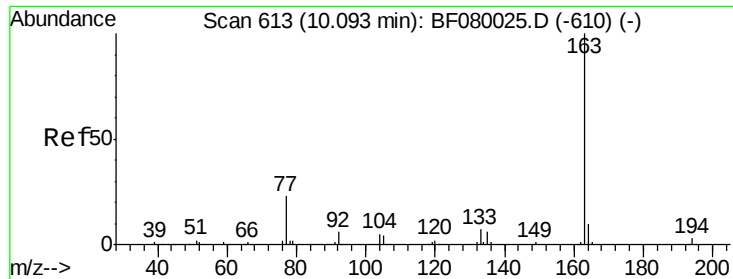
#47
2-Nitroaniline
Concen: 0.41 ng
RT: 9.69 min Scan# 578
Delta R.T. -0.23 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

Tgt Ion: 65 Resp: 634
Ion Ratio Lower Upper
65 100
92 194.3 55.4 83.0#
138 37.6 115.5 173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

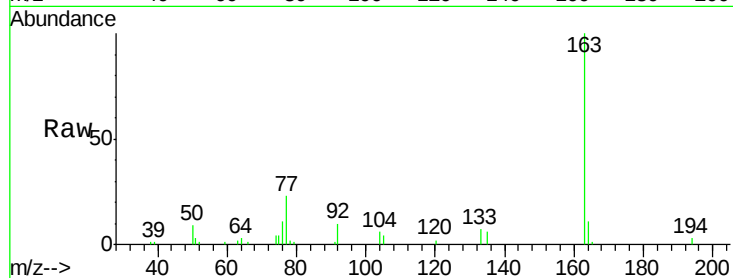




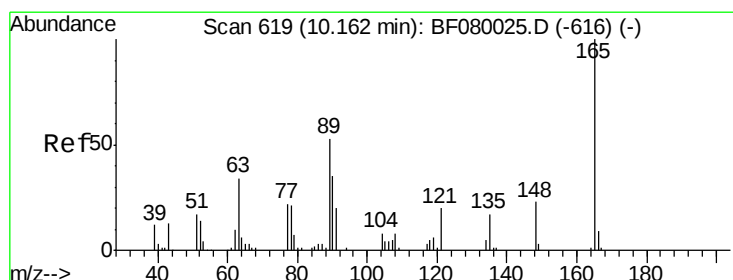
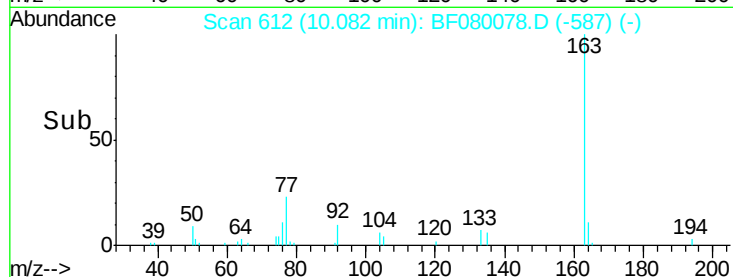
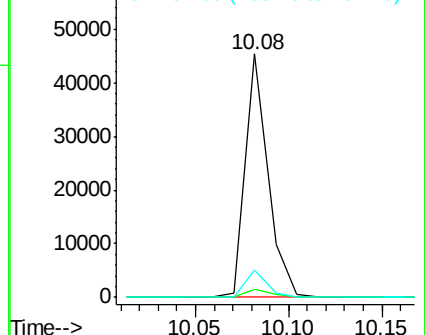
#49
Dimethylphthalate
Concen: 6.07 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

Instrument :
BNA_F
ClientSampled :
PE-2

Tgt Ion:163 Resp: 38842
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 11.0 8.3 12.5

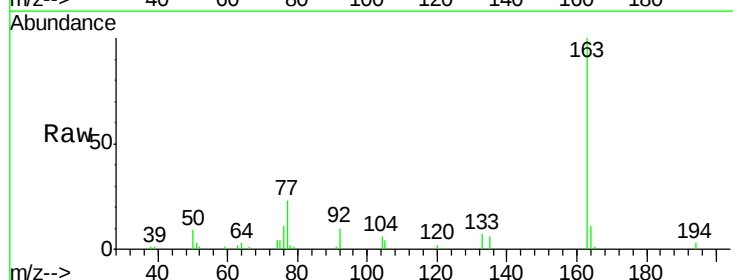


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

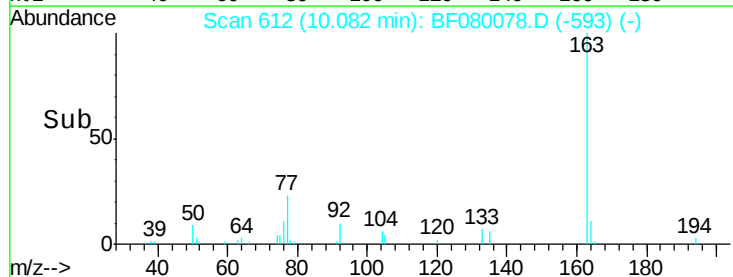
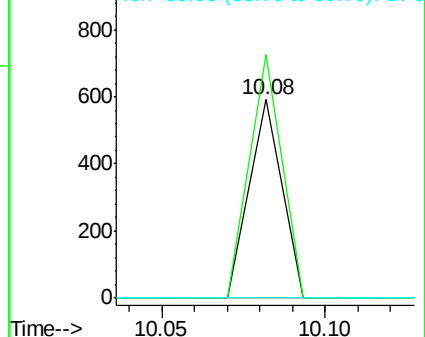


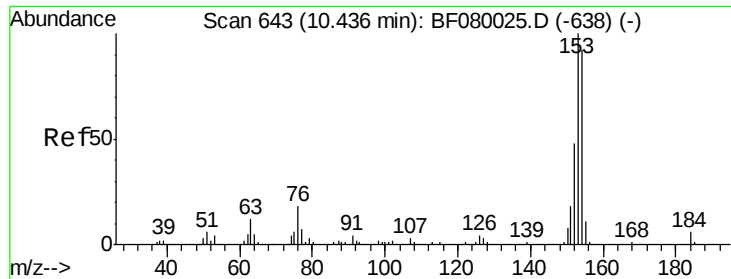
#50
2,6-Dinitrotoluene
Concen: 0.32 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.08 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

Tgt Ion:165 Resp: 405
Ion Ratio Lower Upper
165 100
63 122.8 32.3 48.5#
89 0.0 28.6 43.0#



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





#51

Acenaphthene

Concen: 0.04 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.05 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

Instrument :

BNA_F

ClientSampleId :

PE-2

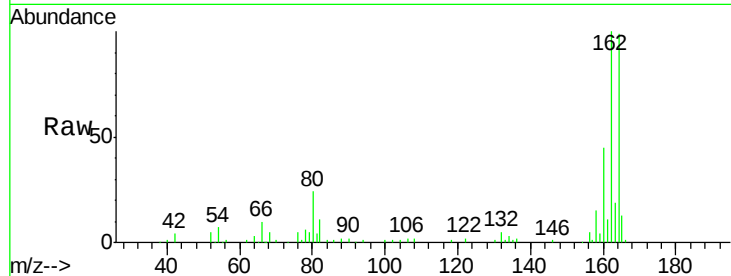
Tgt Ion:154 Resp: 241

Ion Ratio Lower Upper

154 100

153 0.0 82.1 123.1#

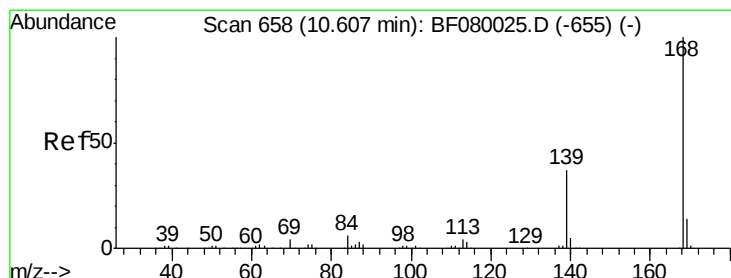
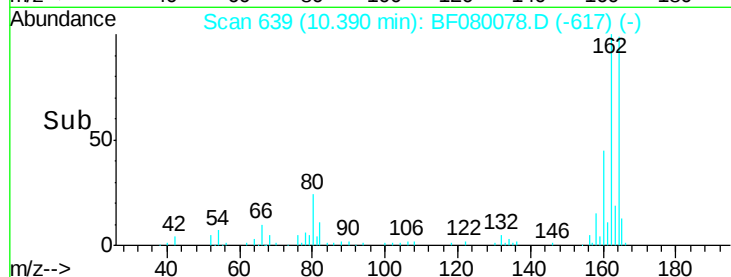
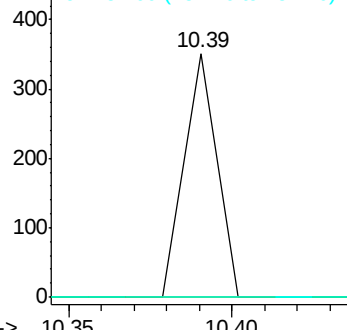
152 0.0 37.9 56.9#



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



#54

Dibenzofuran

Concen: 0.04 ng

RT: 10.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

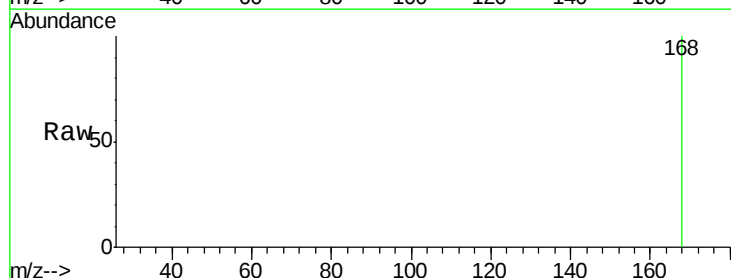
Tgt Ion:168 Resp: 307

Ion Ratio Lower Upper

168 100

139 0.0 24.2 36.2#

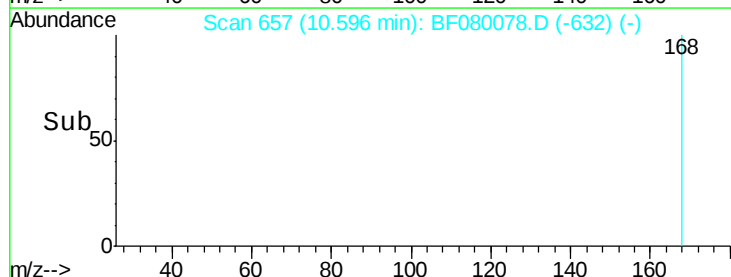
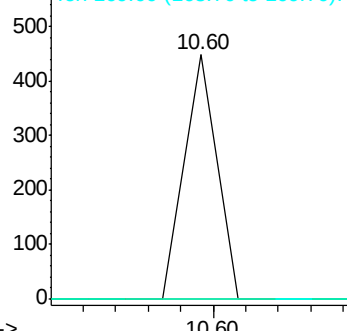
169 0.0 10.6 15.8#

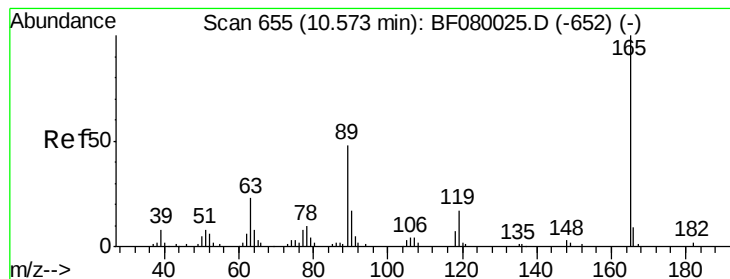


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

2,4-Dinitrotoluene

Concen: 6.68 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.18 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

Instrument :

BNA_F

ClientSampleId :

PE-2

Tgt Ion:165 Resp: 10886

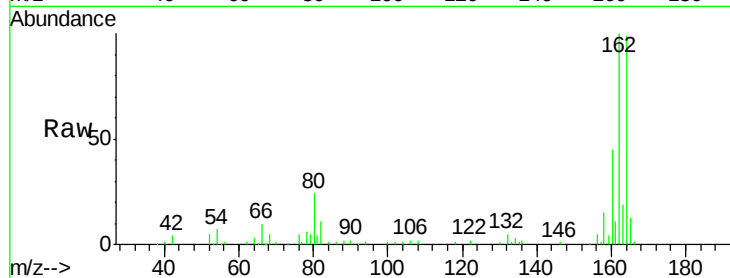
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

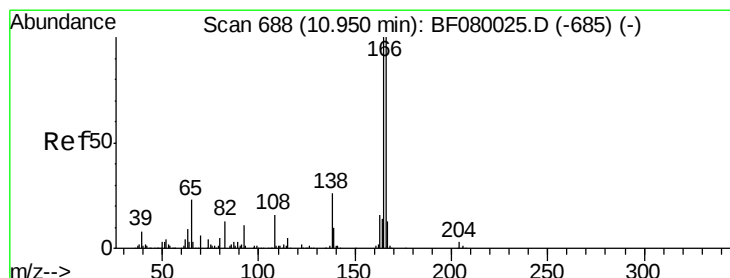
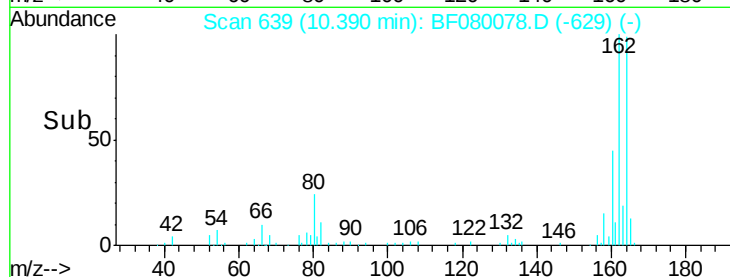
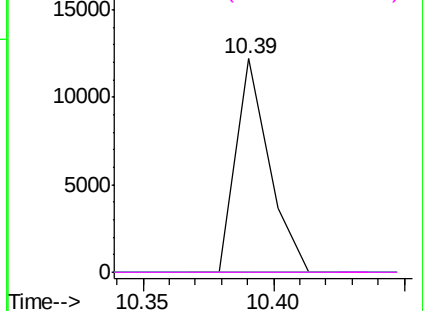


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.82 ng

RT: 11.18 min Scan# 708

Delta R.T. 0.23 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

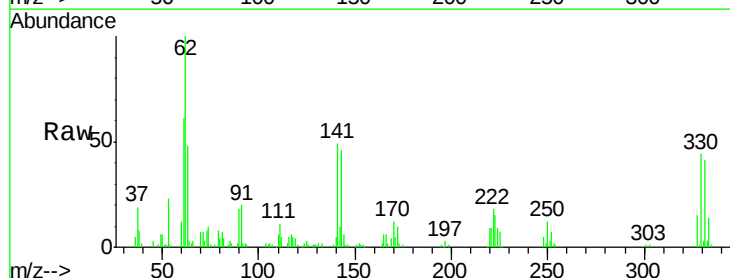
Tgt Ion:166 Resp: 5328

Ion Ratio Lower Upper

166 100

165 111.7 72.6 109.0#

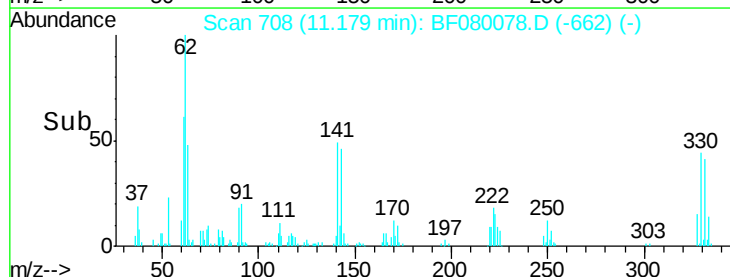
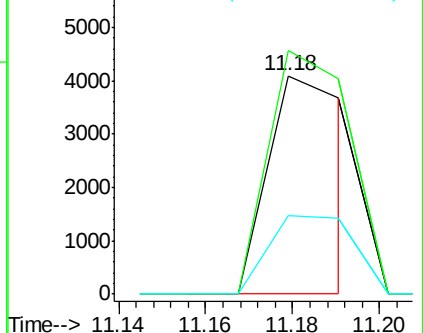
167 35.9 10.6 16.0#

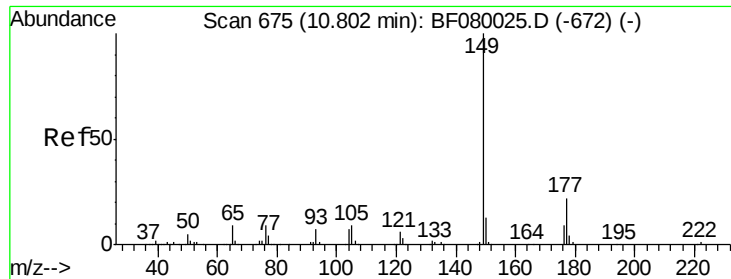


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

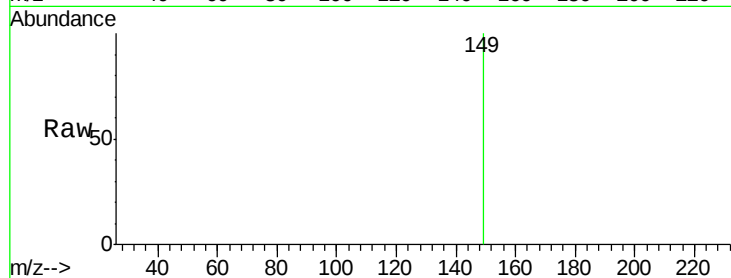




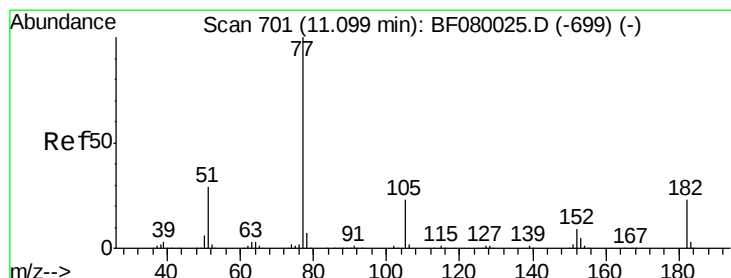
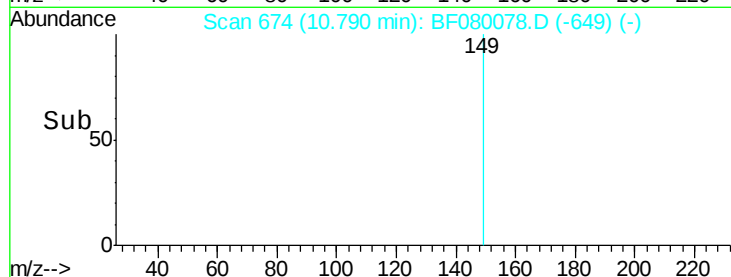
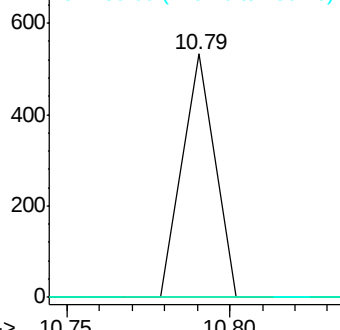
#59
Diethylphthalate
Concen: 0.06 ng
RT: 10.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

Instrument :
BNA_F
ClientSampleId :
PE-2

Tgt Ion: 149 Resp: 366
Ion Ratio Lower Upper
149 100
177 0.0 17.5 26.3#
150 0.0 9.4 14.2#

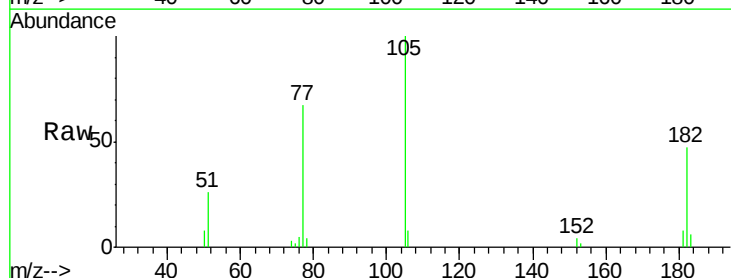


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

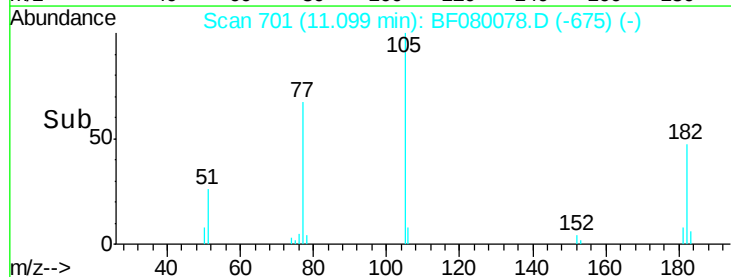
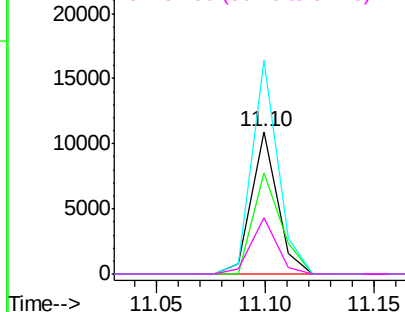


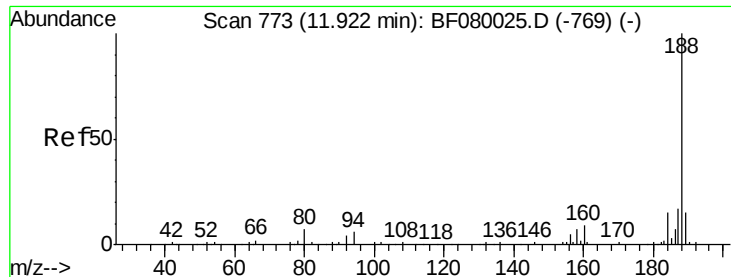
#62
Azobenzene
Concen: 1.39 ng
RT: 11.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

Tgt Ion: 77 Resp: 9109
Ion Ratio Lower Upper
77 100
182 71.1 15.1 55.1#
105 150.3 3.4 43.4#
51 39.4 12.0 52.0



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

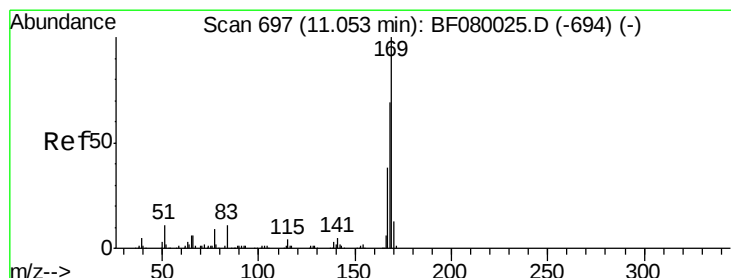
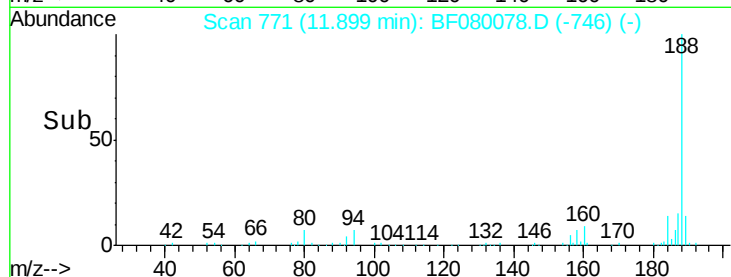
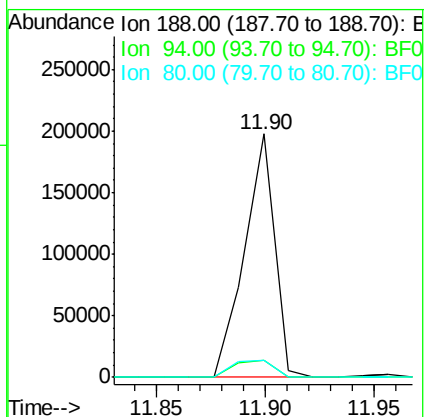
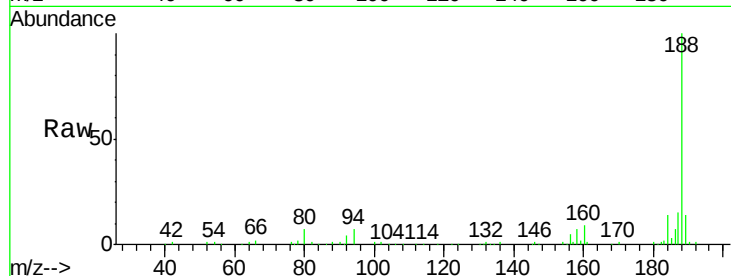




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

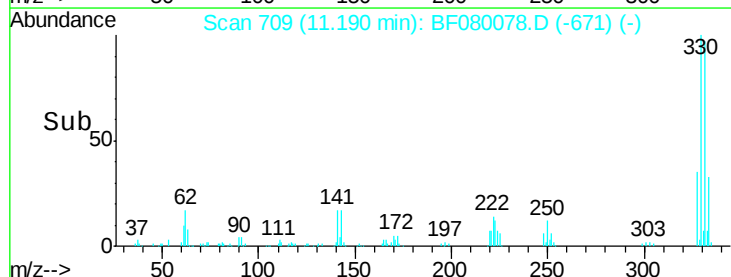
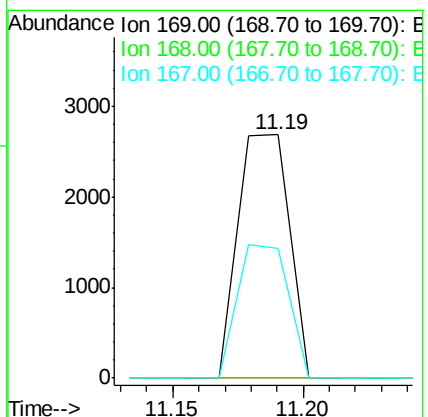
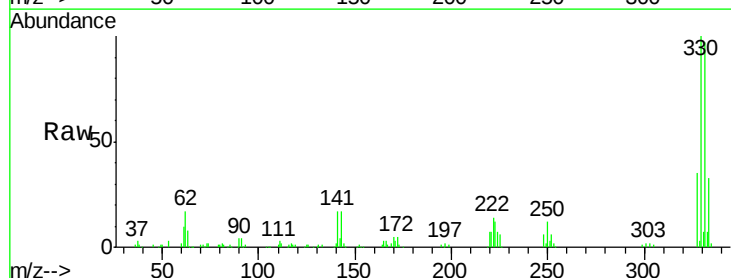
Instrument :
BNA_F
ClientSampleId :
PE-2

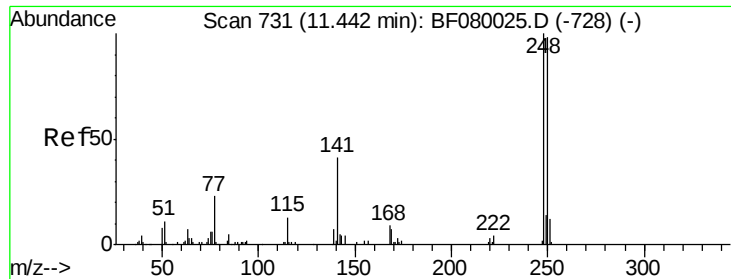
Tgt Ion:188 Resp: 190036
Ion Ratio Lower Upper
188 100
94 7.1 11.1 16.7#
80 6.8 11.0 16.4#



#65
n-Nitrosodiphenylamine
Concen: 0.59 ng
RT: 11.19 min Scan# 709
Delta R.T. 0.14 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

Tgt Ion:169 Resp: 3673
Ion Ratio Lower Upper
169 100
168 0.0 48.9 73.3#
167 53.2 26.2 39.4#

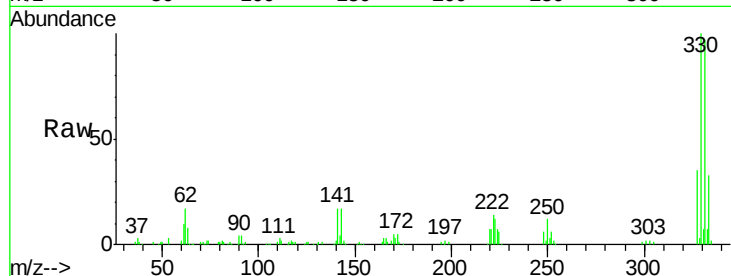




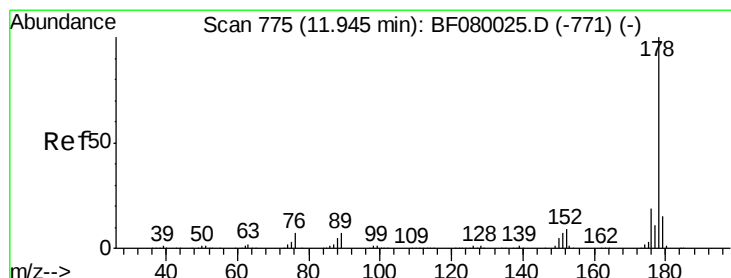
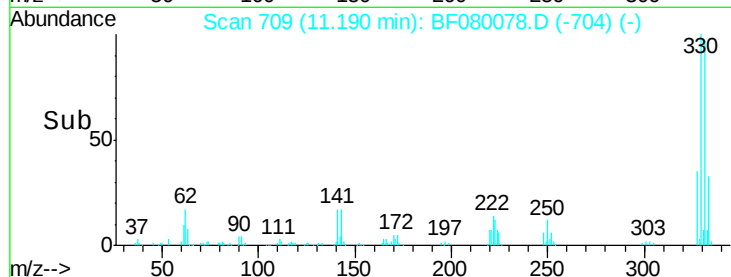
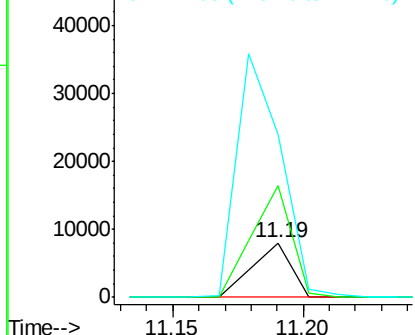
#66
 4-Bromophenyl-phenylether
 Concen: 4.07 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.24 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tgt Ion:248 Resp: 8219
 Ion Ratio Lower Upper
 248 100
 250 205.7 78.5 117.7#
 141 301.4 59.0 88.6#

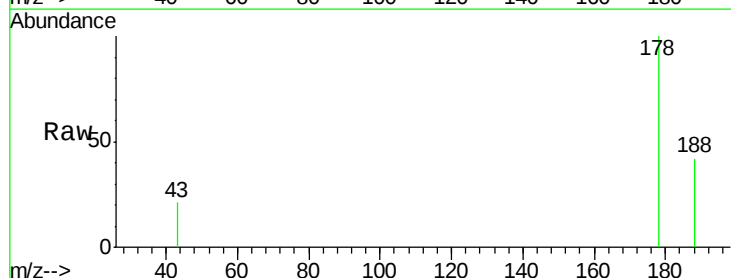


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

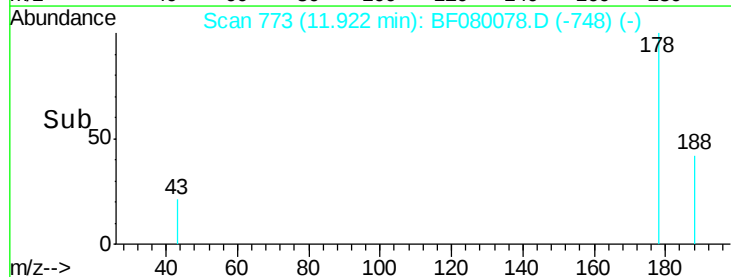
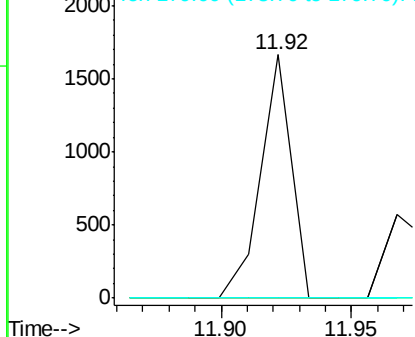


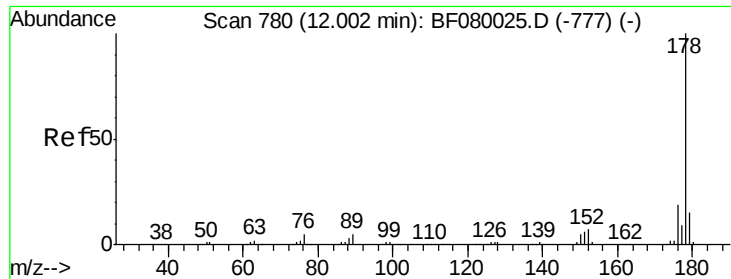
#70
 Phenanthrene
 Concen: 0.12 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

Tgt Ion:178 Resp: 1351
 Ion Ratio Lower Upper
 178 100
 176 0.0 13.8 20.8#
 179 0.0 12.2 18.2#



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

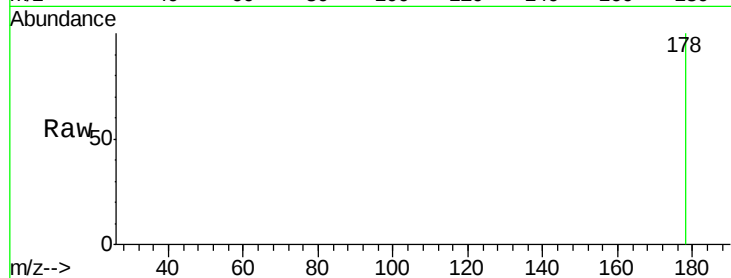




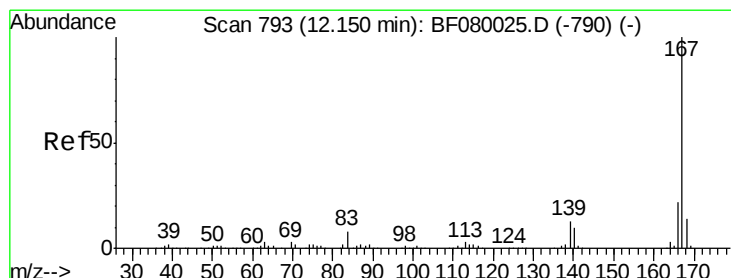
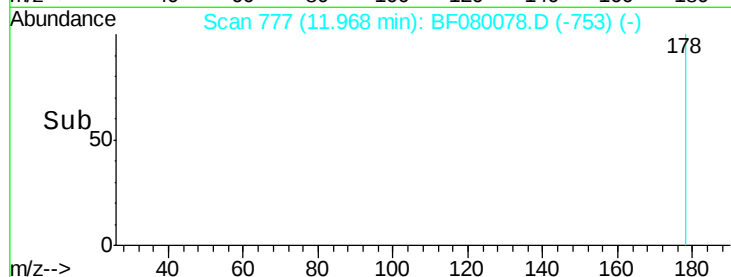
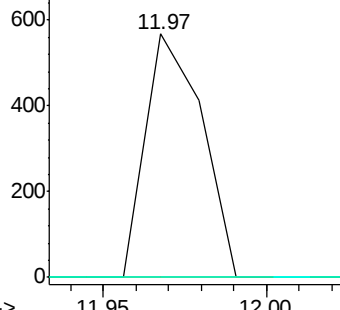
#71
 Anthracene
 Concen: 0.06 ng
 RT: 11.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tgt Ion:178 Resp: 673
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.1 21.1#
 179 0.0 12.2 18.2#

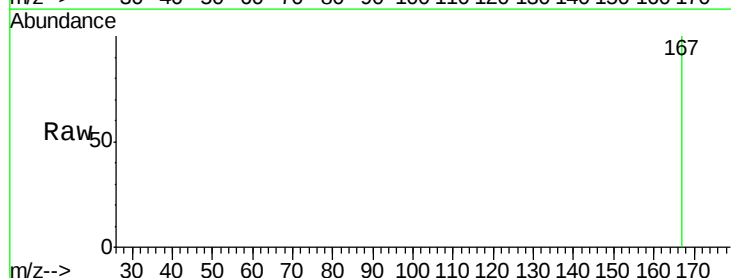


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

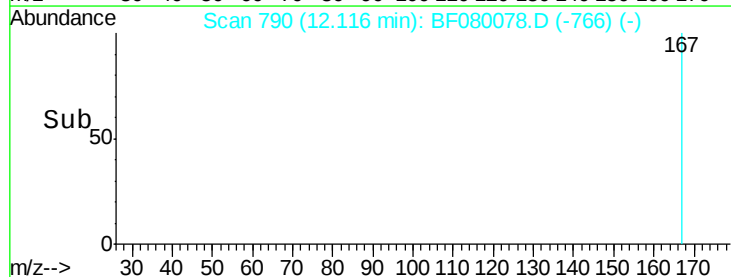
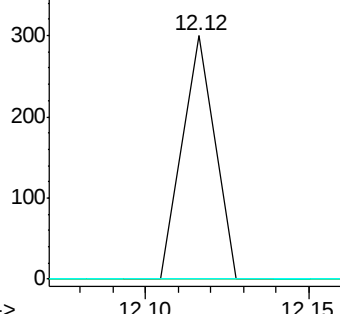


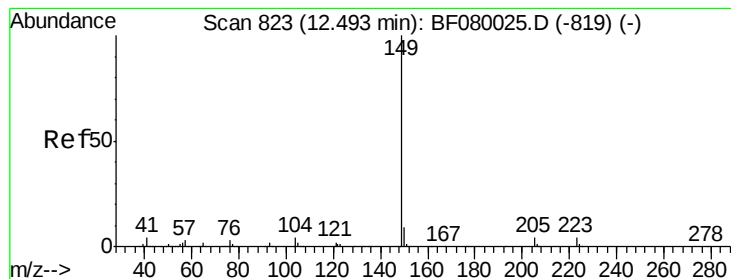
#72
 Carbazole
 Concen: 0.02 ng
 RT: 12.12 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

Tgt Ion:167 Resp: 206
 Ion Ratio Lower Upper
 167 100
 166 0.0 15.7 23.5#
 139 0.0 9.5 14.3#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.09 ng

RT: 12.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

Instrument :

BNA_F

ClientSampleId :

PE-2

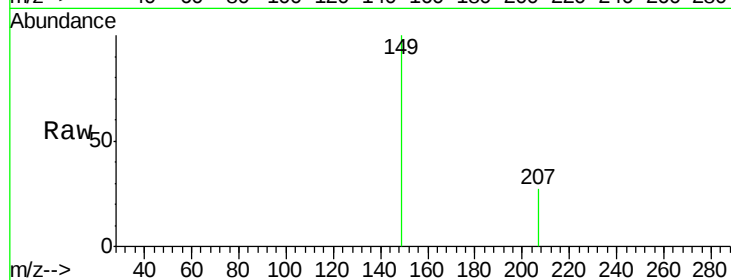
Tgt Ion:149 Resp: 1144

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

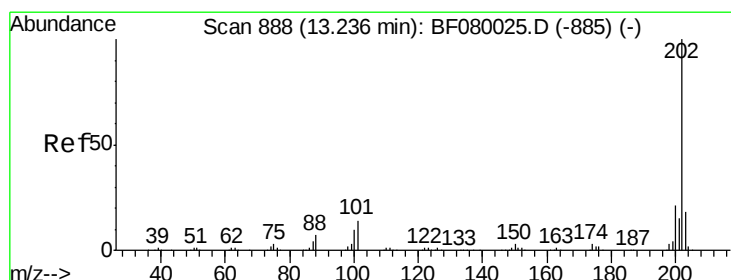
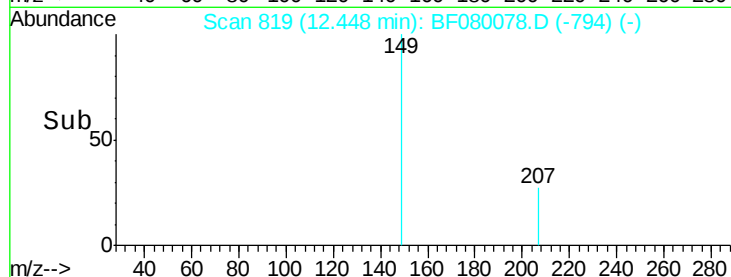
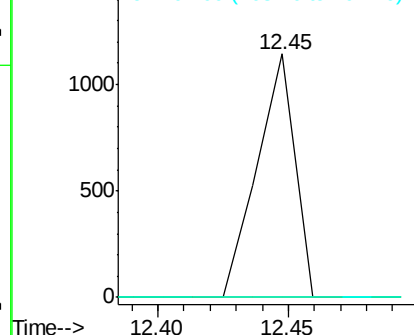
104 0.0 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.10 ng

RT: 13.16 min Scan# 881

Delta R.T. -0.03 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

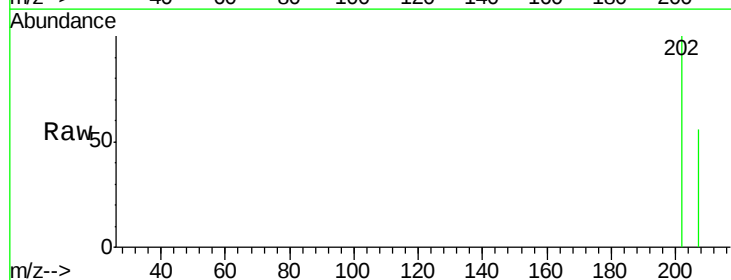
Tgt Ion:202 Resp: 1183

Ion Ratio Lower Upper

202 100

101 0.0 0.0 38.3

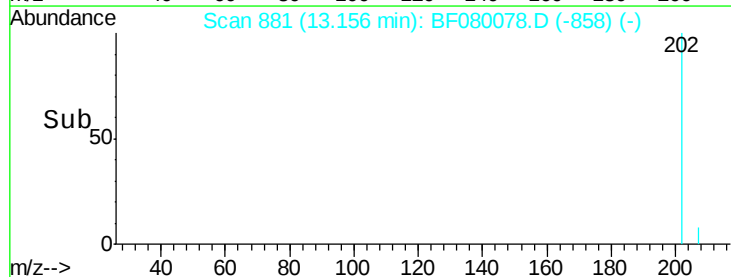
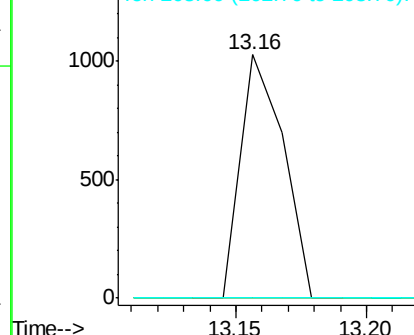
203 0.0 0.0 37.3

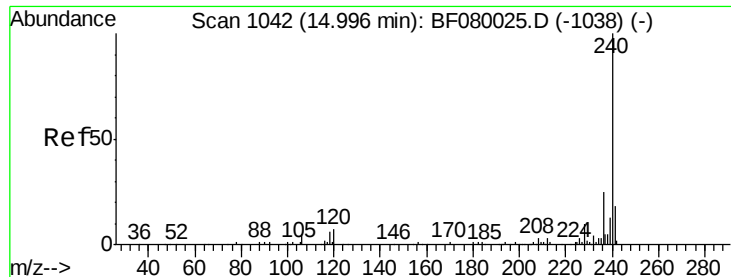


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.79 min Scan# 1024

Delta R.T. -0.07 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

Instrument :

BNA_F

ClientSampleId :

PE-2

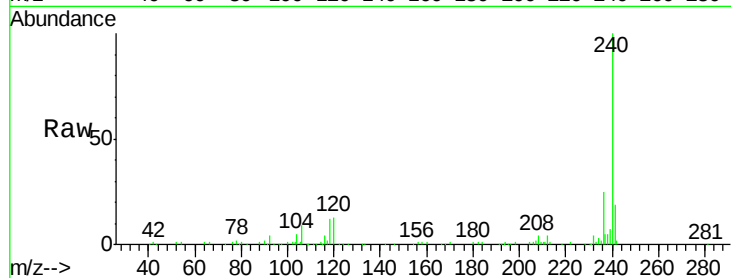
Tgt Ion:240 Resp: 206721

Ion Ratio Lower Upper

240 100

120 13.1 16.2 24.2#

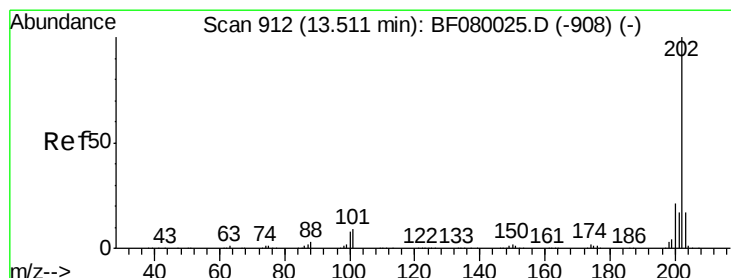
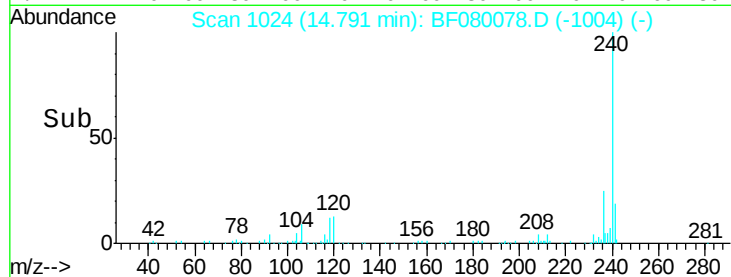
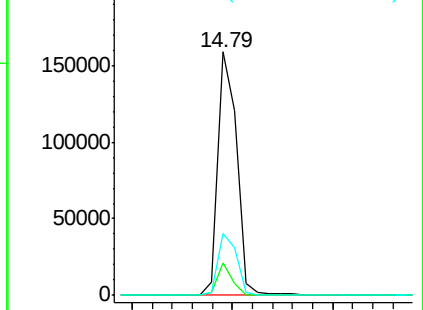
236 25.3 18.4 27.6



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: 0.10 ng

RT: 13.41 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

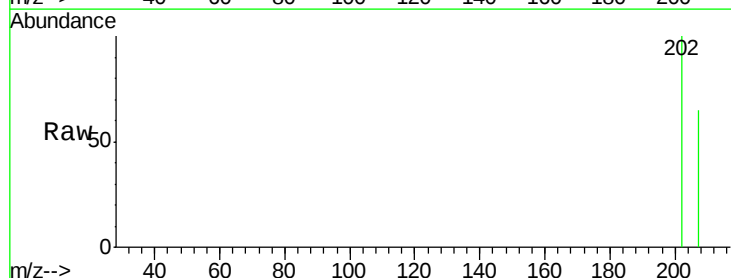
Tgt Ion:202 Resp: 1278

Ion Ratio Lower Upper

202 100

200 0.0 15.0 22.4#

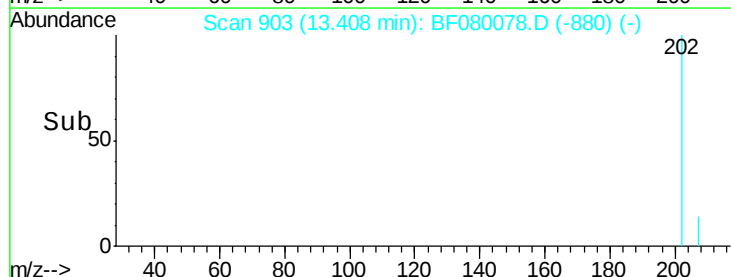
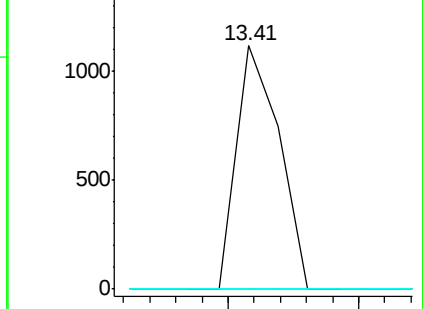
203 0.0 14.1 21.1#

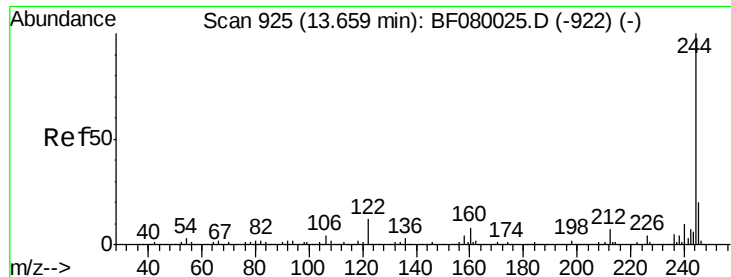


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

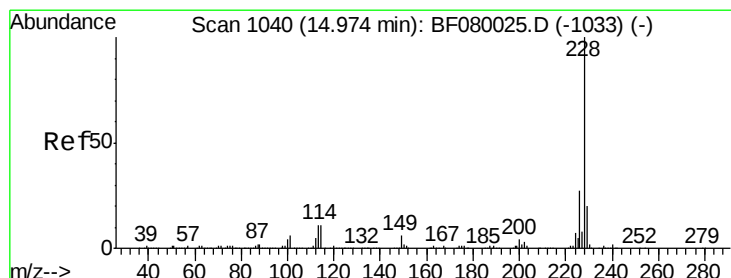
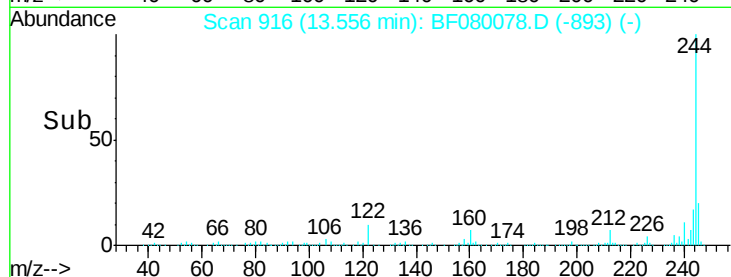
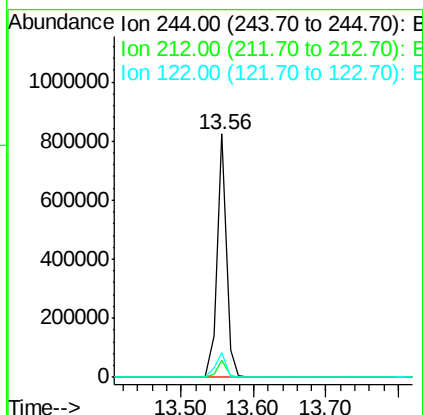
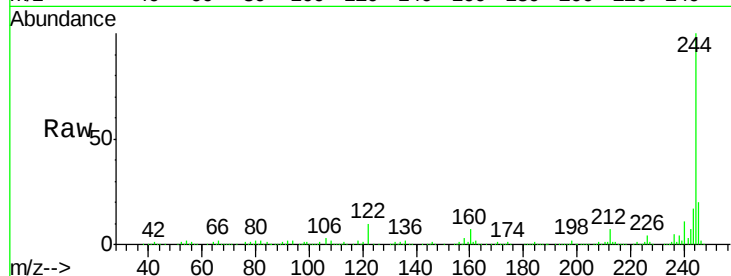




#78
 Terphenyl-d14
 Concen: 83.07 ng
 RT: 13.56 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

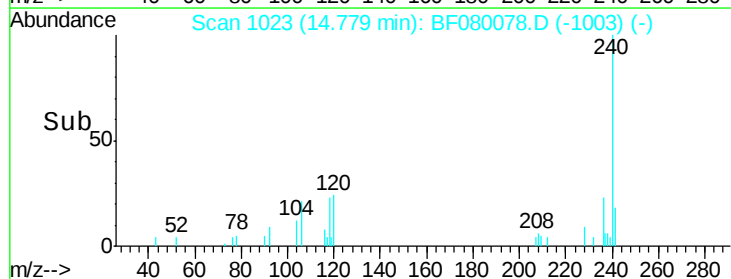
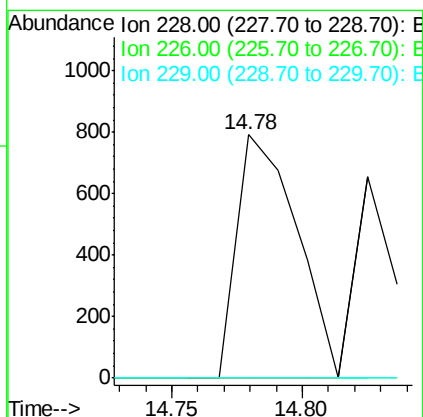
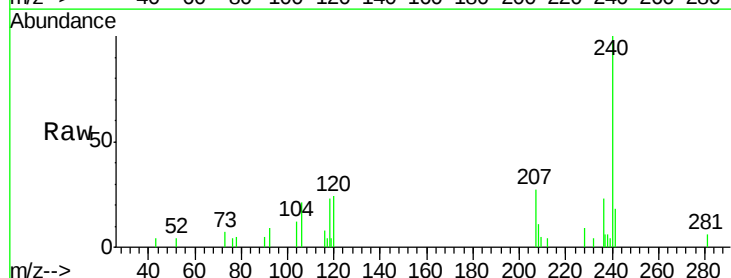
Instrument :
 BNA_F
 ClientSampleId :
 PE-2

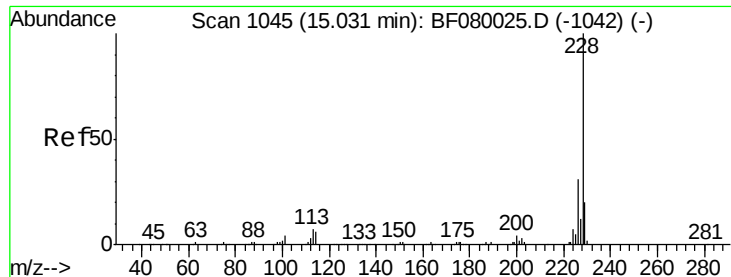
Tgt Ion:244 Resp: 735286
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 10.3 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 0.10 ng
 RT: 14.78 min Scan# 1023
 Delta R.T. -0.07 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

Tgt Ion:228 Resp: 1271
 Ion Ratio Lower Upper
 228 100
 226 0.0 20.0 30.0#
 229 0.0 15.4 23.2#





#82

Chrysene

Concen: 0.06 ng

RT: 14.83 min Scan# 1027

Delta R.T. -0.07 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

Instrument :

BNA_F

ClientSampleId :

PE-2

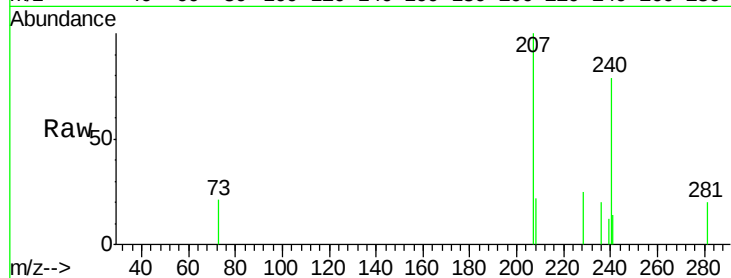
Tgt Ion: 228 Resp: 660

Ion Ratio Lower Upper

228 100

226 0.0 21.0 31.4#

229 0.0 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

14.83

600

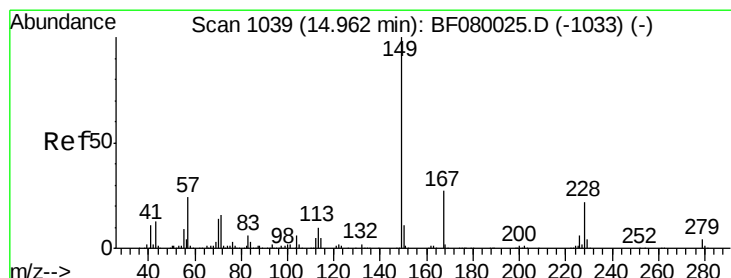
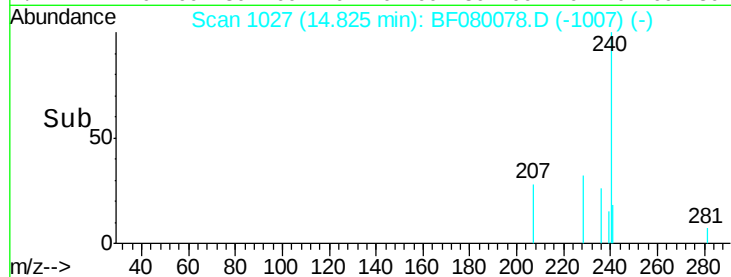
400

200

0

14.80 14.85

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.04 ng

RT: 14.76 min Scan# 1021

Delta R.T. -0.07 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

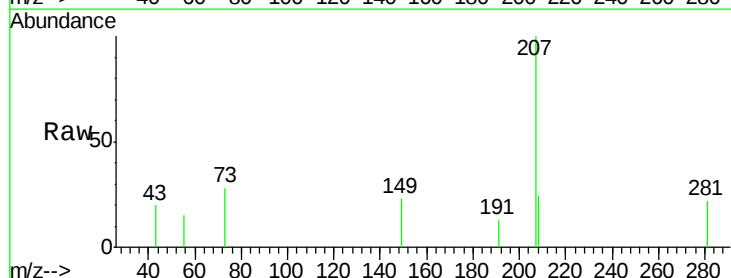
Tgt Ion: 149 Resp: 361

Ion Ratio Lower Upper

149 100

167 0.0 24.2 36.2#

279 0.0 3.8 5.6#



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

14.76

600

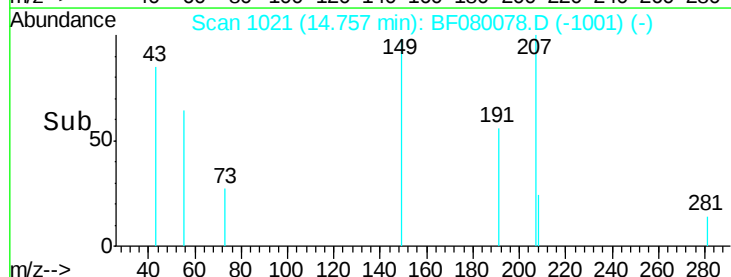
400

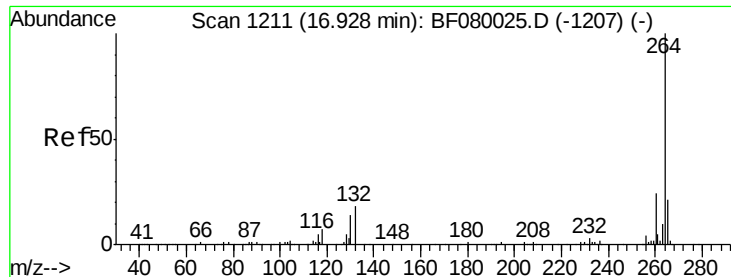
200

0

14.75

Time-->

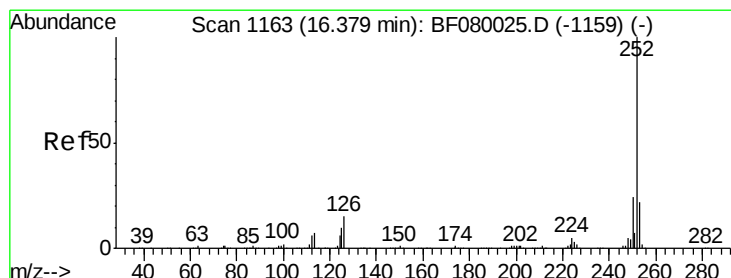
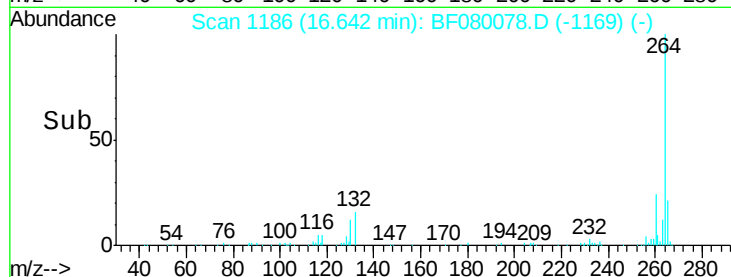
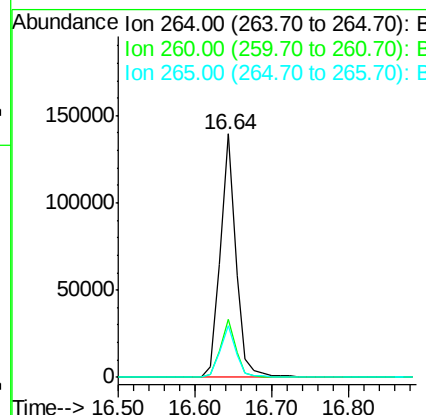
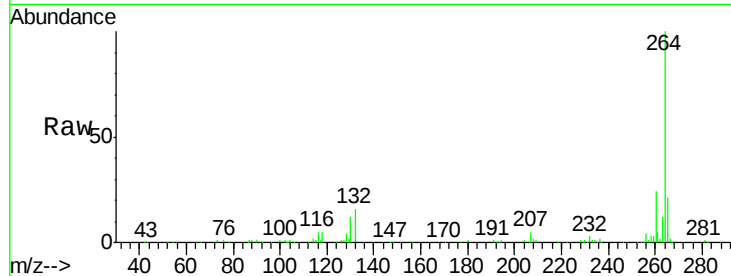




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.64 min Scan# 1186
Delta R.T. -0.10 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

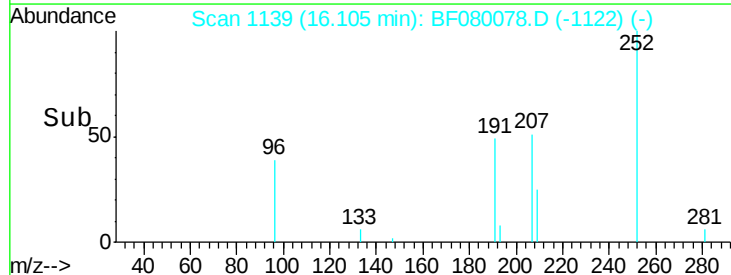
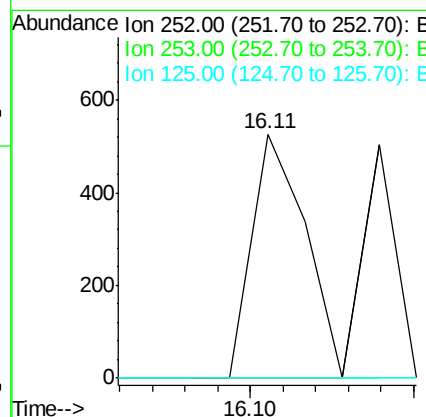
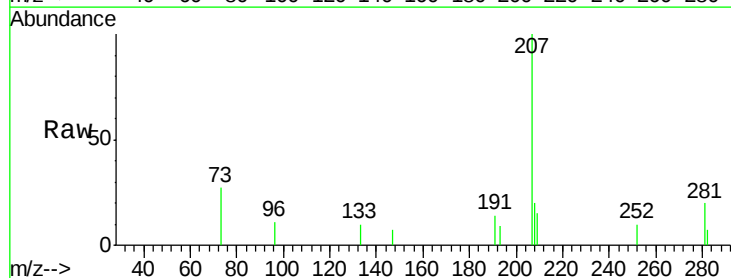
Instrument :
BNA_F
ClientSampleId :
PE-2

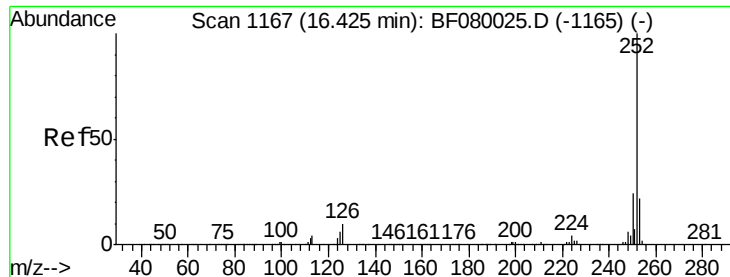
Tgt Ion: 264 Resp: 198280
Ion Ratio Lower Upper
264 100
260 23.6 16.7 25.1
265 21.2 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 16.11 min Scan# 1139
Delta R.T. -0.10 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

Tgt Ion: 252 Resp: 592
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 17.1 25.7#

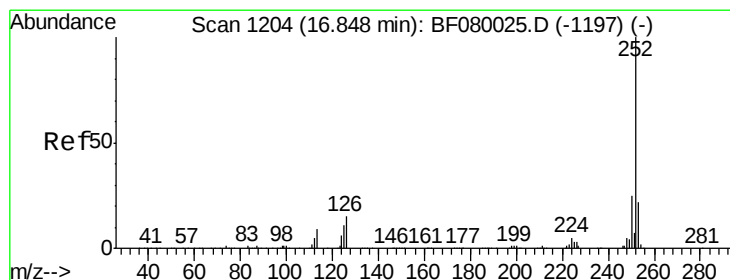
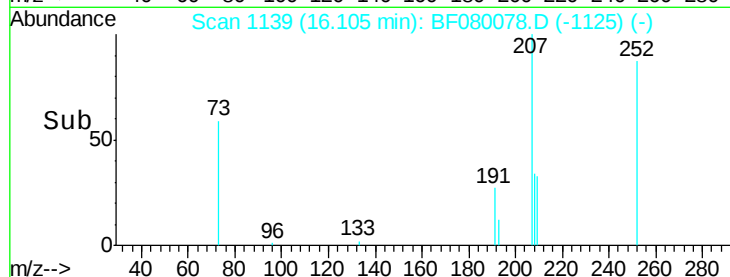
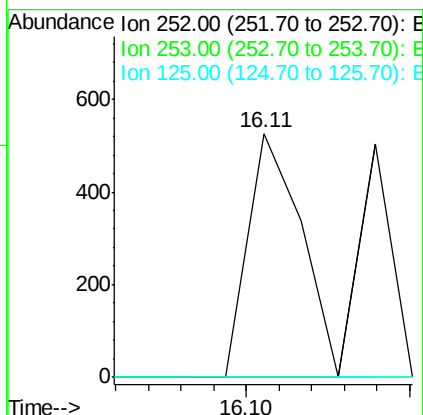
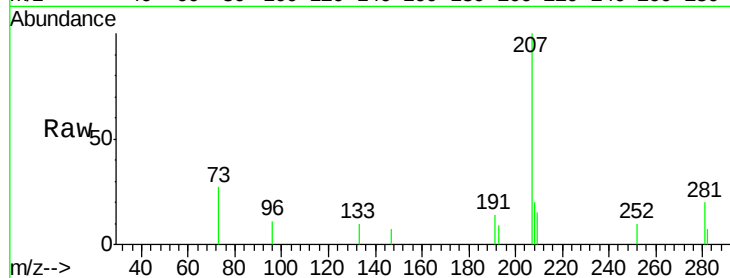




#88
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 16.11 min Scan# 1139
Delta R.T. -0.14 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

Instrument :
BNA_F
ClientSampleId :
PE-2

Tgt Ion: 252 Resp: 592
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.4#
125 0.0 16.0 24.0#



#89
Benzo(a)pyrene
Concen: 0.02 ng
RT: 16.56 min Scan# 1179
Delta R.T. -0.10 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

Tgt Ion: 252 Resp: 278
Ion Ratio Lower Upper
252 100
253 0.0 17.2 25.8#
125 0.0 18.0 27.0#

