

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077077.D
 Acq On : 27 Jan 2015 7:07
 Operator : TP/IZ
 Sample : G1137-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jan 27 13:43:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 15:21:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	25717	20.00	ng	0.02
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.68
38) Acenaphthene-d10	14.81	164	2576	20.00	ng	0.01
63) Phenanthrene-d10	17.63	188	3471	20.00	ng	-0.01
75) Chrysene-d12	21.17	240	81583	20.00	ng	0.02
86) Perylene-d12	22.80	264	76376	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.80	112	201478	128.81	ng	0.02
7) Phenol-d6	7.20	99	250811	127.11	ng	0.03
23) Nitrobenzene-d5	9.10	82	132453	0.00	ng	0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.29	172	8421	49.75	ng	-0.05
78) Terphenyl-d14	19.93	244	311228	87.82	ng	0.06

Target Compounds

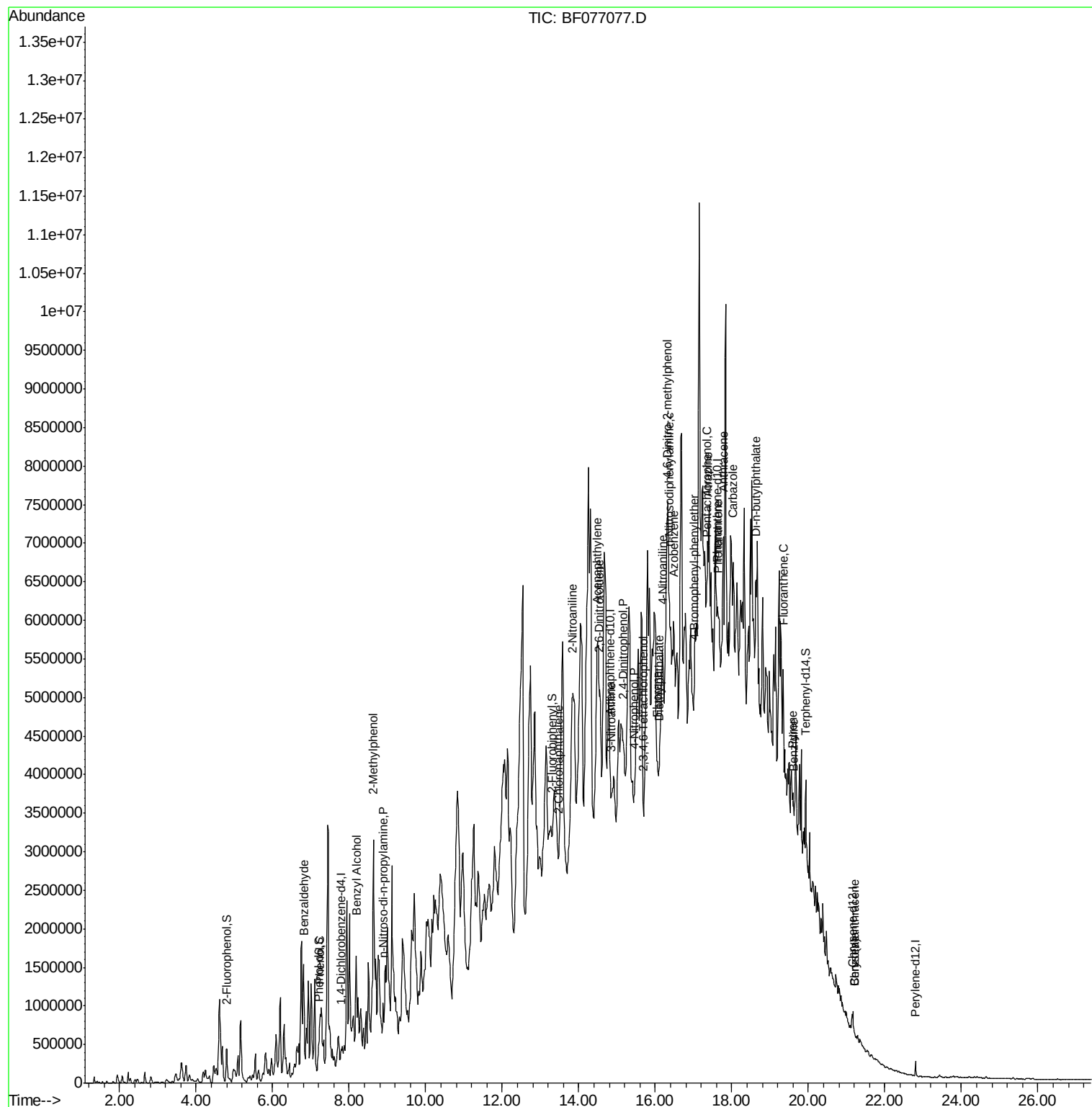
						Qvalue
9) Benzaldehyde	6.81	77	69416	72.60	ng	# 1
10) Phenol	7.22	94	10354	4.94	ng	# 1
15) Benzyl Alcohol	8.18	79	8821	5.52	ng	# 19
17) 2-Methylphenol	8.63	107	4704	3.19	ng	# 1
19) n-Nitroso-di-n-propylamine	8.89	70	7631	5.52	ng	# 56
46) 2-Chloronaphthalene	13.47	162	1934	12.31	ng	# 1
47) 2-Nitroaniline	13.83	65	61741	1295.10	ng	# 46
48) Acenaphthylene	14.48	152	248713	938.28	ng	# 1
50) 2,6-Dinitrotoluene	14.54	165	13018	356.67	ng	# 87
52) 3-Nitroaniline	14.85	138	4662	95.92	ng	# 79
53) 2,4-Dinitrophenol	15.17	184	439	33.62	ng	# 1
55) 4-Nitrophenol	15.45	139	63023	2200.83	ng	# 40
57) Fluorene	16.06	166	21174	114.07	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	15.69	232	1341	38.91	ng	# 31
59) Diethylphthalate	16.11	149	1437	7.78	ng	# 5
61) 4-Nitroaniline	16.19	138	6251	133.26	ng	# 71
62) Azobenzene	16.48	77	25306	131.55	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.31	198	2924	125.36	ng	# 1
65) n-Nitrosodiphenylamine	16.36	169	354163	2861.60	ng	# 75
66) 4-Bromophenyl-phenylether	17.02	248	2237	63.61	ng	# 1
68) Atrazine	17.37	200	36655	975.99	ng	# 29
69) Pentachlorophenol	17.35	266	10241	557.31	ng	# 35
70) Phenanthrene	17.65	178	50408	232.88	ng	# 1
71) Anthracene	17.79	178	1691932	8015.60	ng	# 90
72) Carbazole	18.04	167	22059	107.75	ng	# 1
73) Di-n-butylphthalate	18.62	149	4241	17.90	ng	# 1
74) Fluoranthene	19.34	202	62358	281.15	ng	# 1
76) Benzidine	19.63	184	5928	2.27	ng	# 1
77) Pyrene	19.59	202	25279	4.52	ng	# 20
80) Benzo(a)anthracene	21.20	228	37032	7.23	ng	# 16
82) Chrysene	21.20	228	35970	7.71	ng	# 20

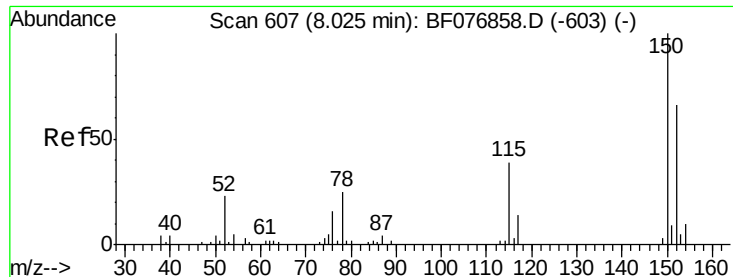
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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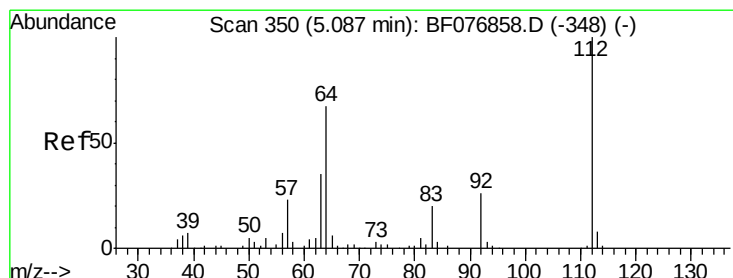
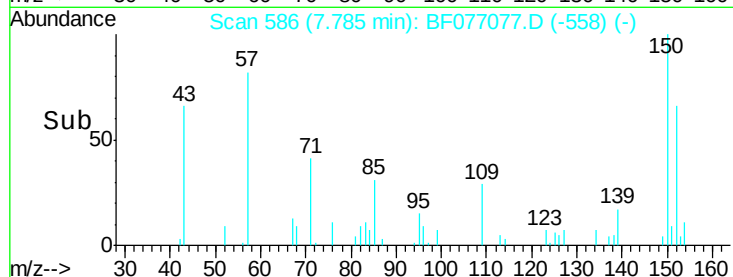
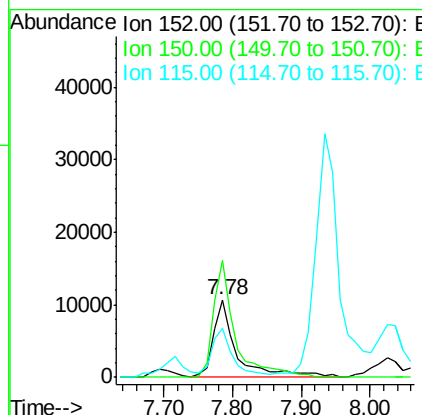
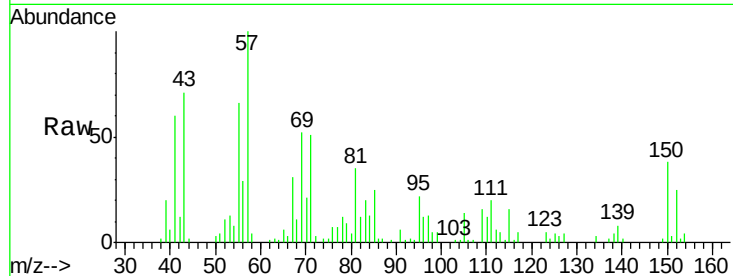




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.78 min Scan# 586
 Delta R.T. 0.02 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

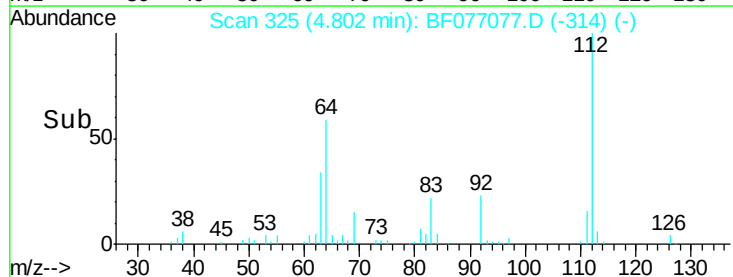
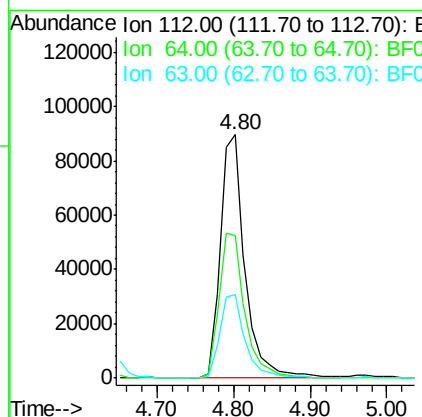
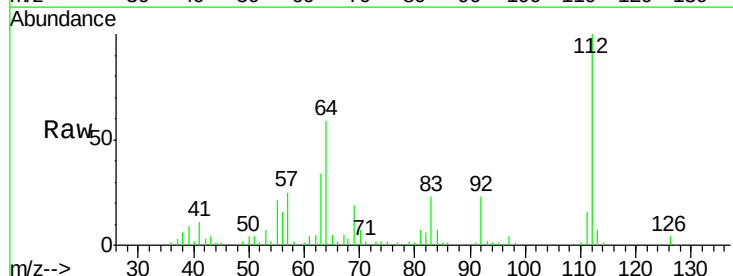
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

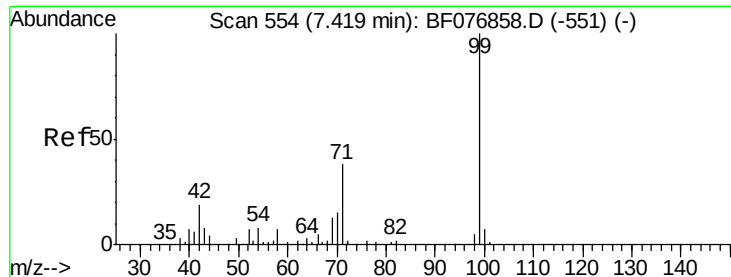
Tgt Ion:152 Resp: 25717
 Ion Ratio Lower Upper
 152 100
 150 151.3 121.7 182.5
 115 63.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 128.81 ng
 RT: 4.80 min Scan# 325
 Delta R.T. 0.02 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

Tgt Ion:112 Resp: 201478
 Ion Ratio Lower Upper
 112 100
 64 58.7 54.2 81.4
 63 34.1 28.4 42.6





#7

Phenol-d6

Concen: 127.11 ng

RT: 7.20 min Scan# 535

Delta R.T. 0.03 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampleId :

DFTPP

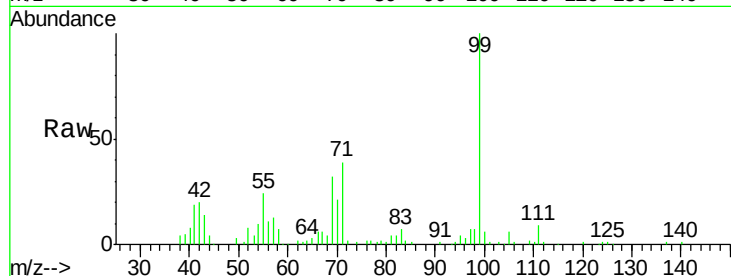
Tgt Ion: 99 Resp: 250811

Ion Ratio Lower Upper

99 100

42 20.3 15.0 22.4

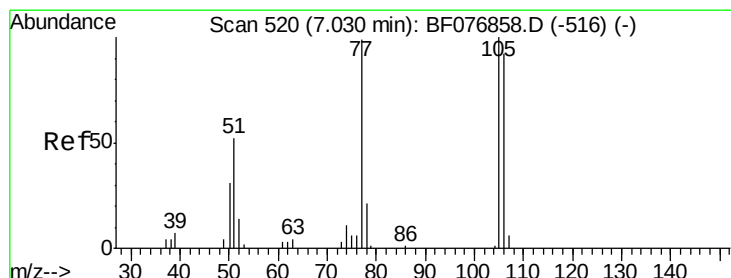
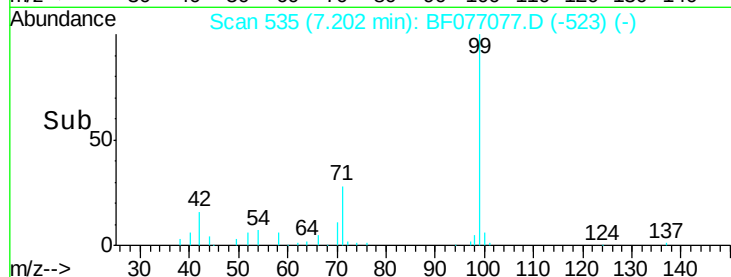
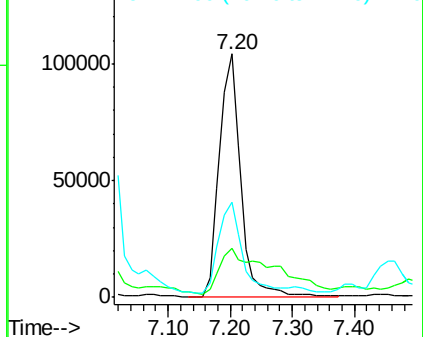
71 39.0 30.5 45.7



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: 72.60 ng

RT: 6.81 min Scan# 501

Delta R.T. 0.05 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

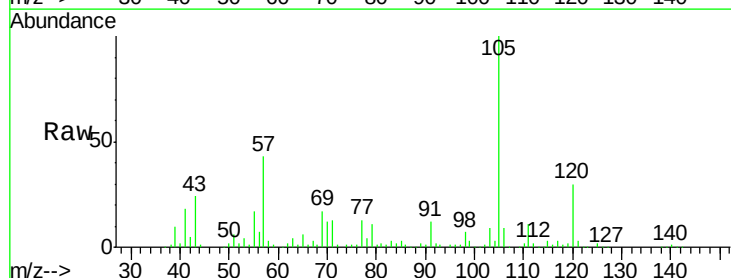
Tgt Ion: 77 Resp: 69416

Ion Ratio Lower Upper

77 100

105 763.8 81.4 121.4#

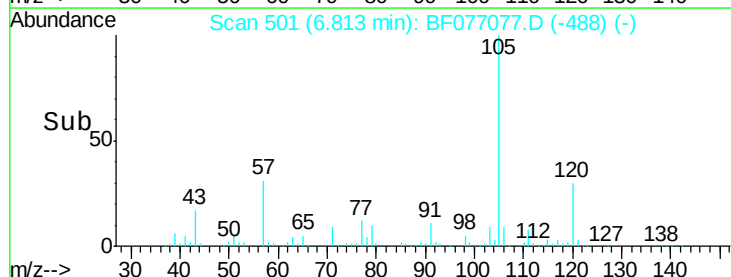
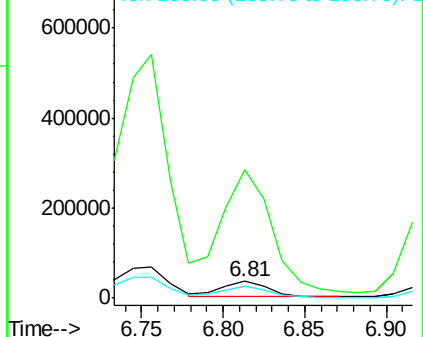
106 67.5 72.8 112.8#

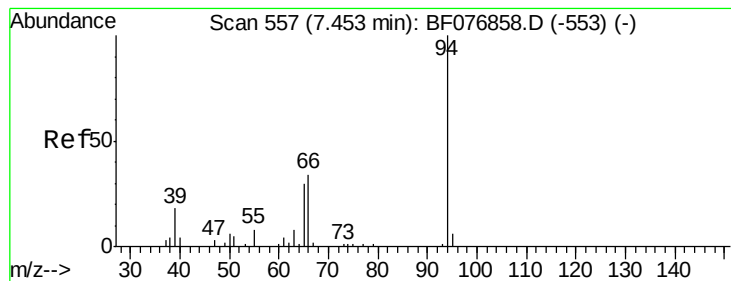


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 4.94 ng

RT: 7.22 min Scan# 537

Delta R.T. 0.02 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampleId :

DFTPP

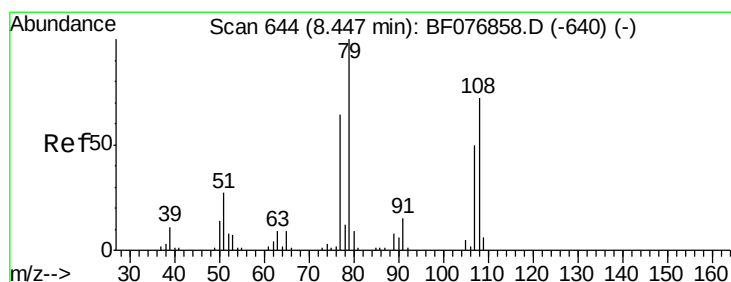
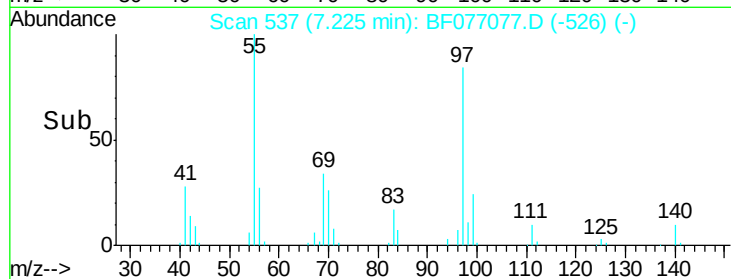
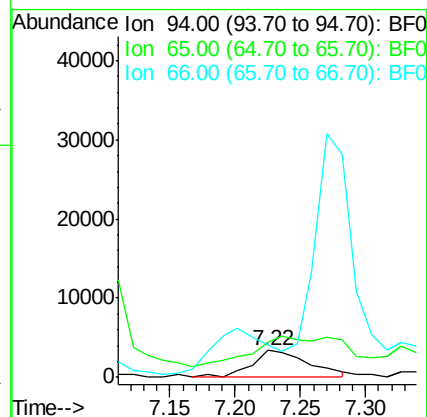
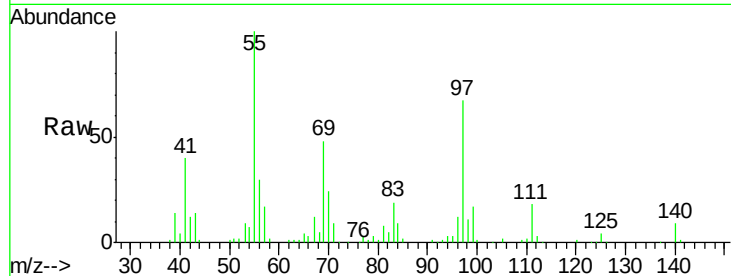
Tgt Ion: 94 Resp: 10354

Ion Ratio Lower Upper

94 100

65 130.5 11.3 51.3#

66 120.9 19.5 59.5#



#15

Benzyl Alcohol

Concen: 5.52 ng

RT: 8.18 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

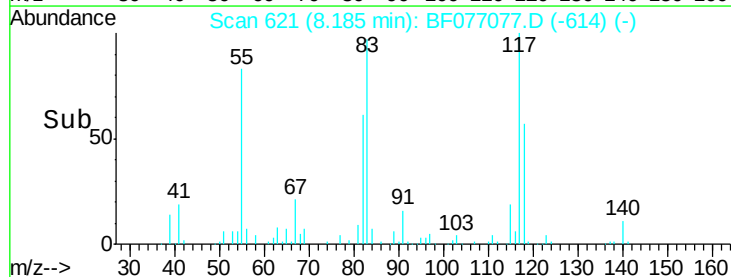
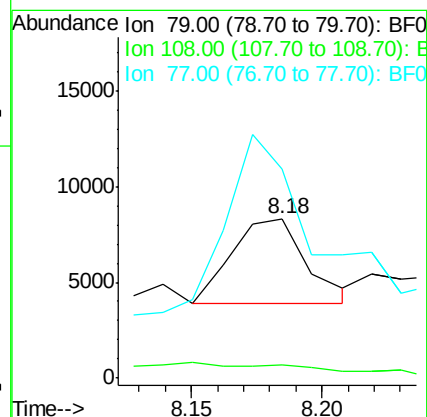
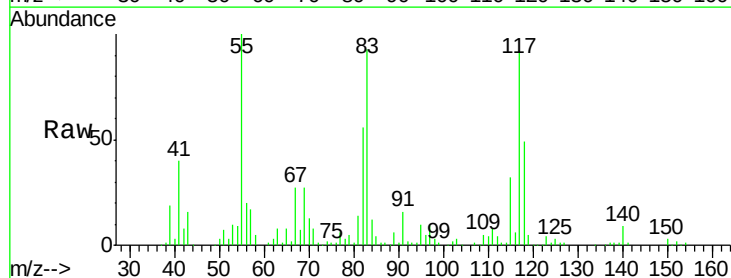
Tgt Ion: 79 Resp: 8821

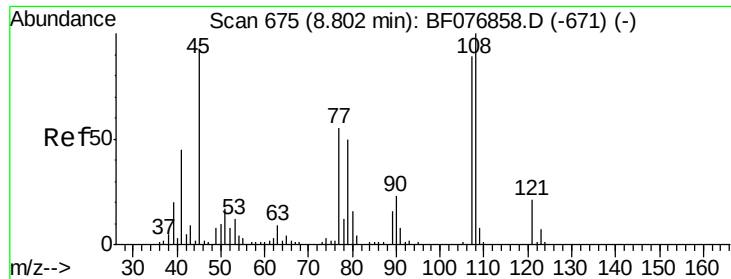
Ion Ratio Lower Upper

79 100

108 8.0 57.2 85.8#

77 131.4 51.2 76.8#

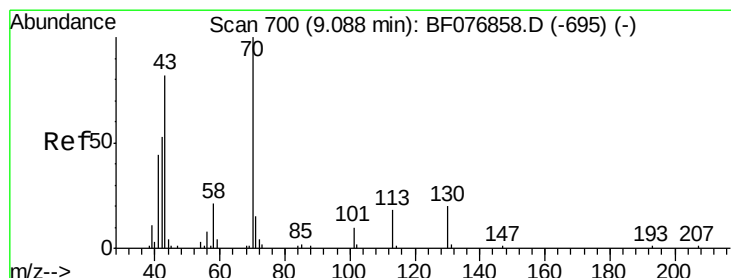
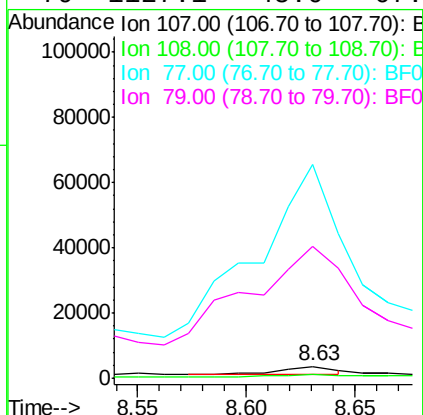
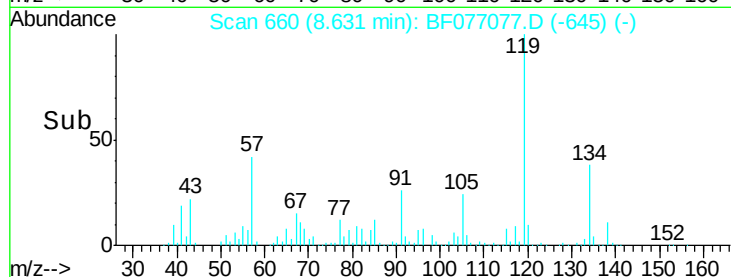
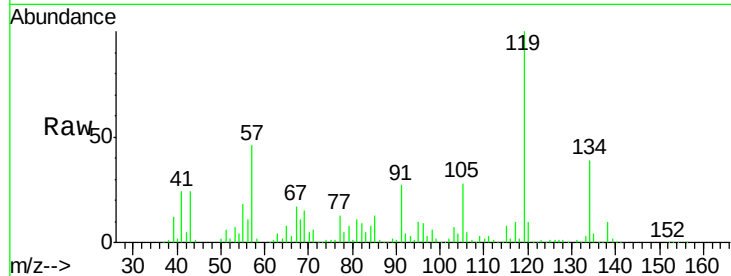




#17
2-Methylphenol
Concen: 3.19 ng
RT: 8.63 min Scan# 660
Delta R.T. 0.07 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

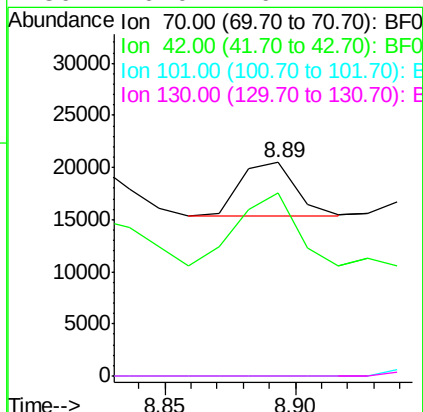
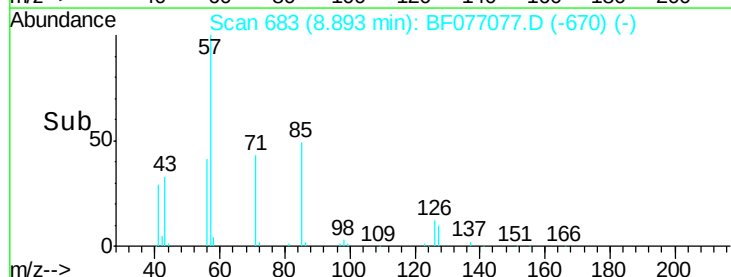
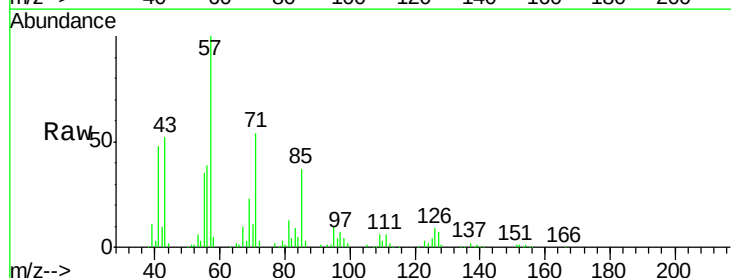
Instrument :
BNA_F
ClientSampleID :
DFTPP

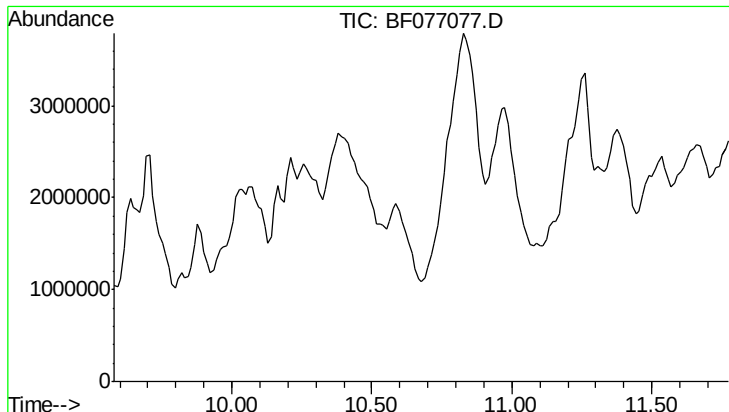
Tgt Ion: 107 Resp: 4704
Ion Ratio Lower Upper
107 100
108 36.9 89.7 134.5#
77 1831.4 50.1 75.1#
79 1127.1 45.0 67.6#



#19
n-Nitroso-di-n-propylamine
Concen: 5.52 ng
RT: 8.89 min Scan# 683
Delta R.T. 0.05 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

Tgt Ion: 70 Resp: 7631
Ion Ratio Lower Upper
70 100
42 85.6 42.1 63.1#
101 0.0 7.8 11.8#
130 0.0 16.2 24.4#

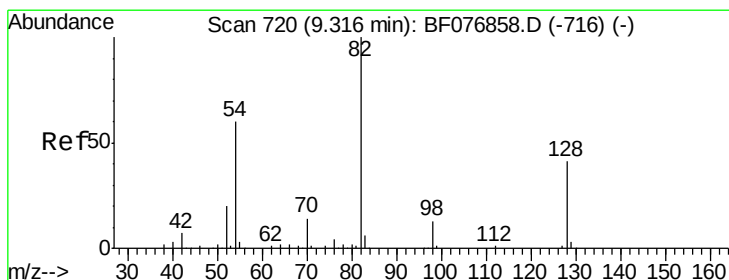
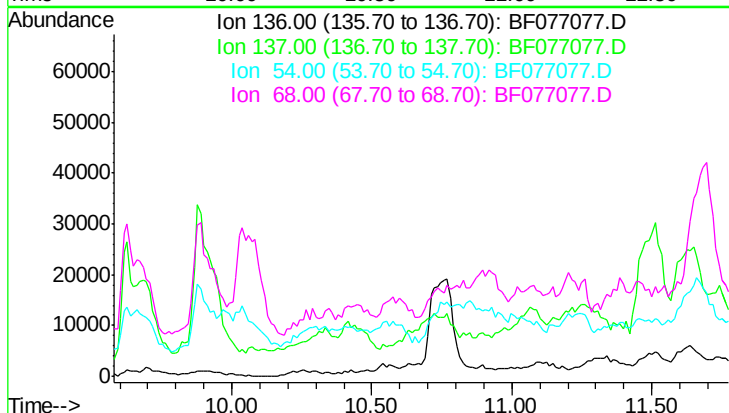




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 10.68 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

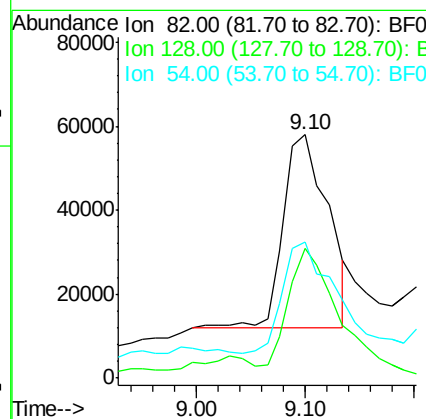
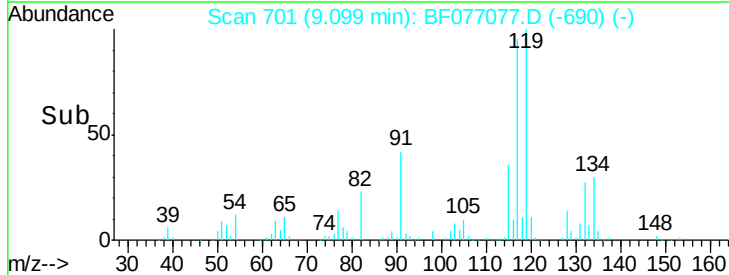
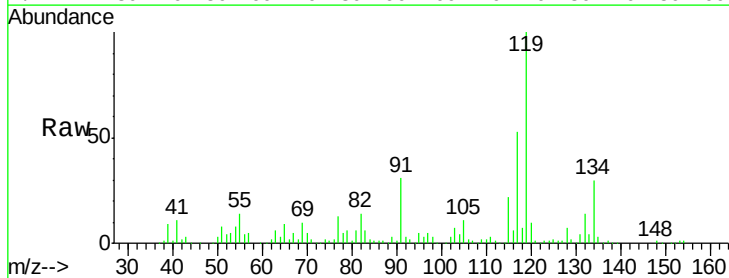
Instrument :
BNA_F
ClientSampleId :
DFTPP

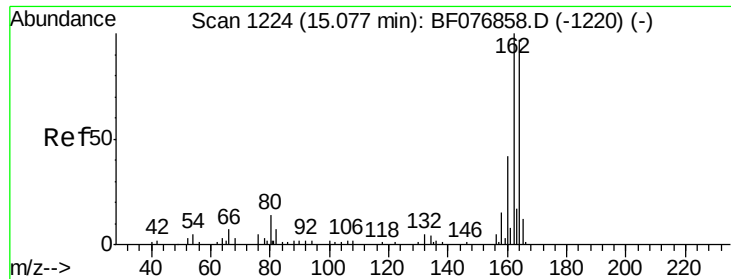
Tgt Ion: 136
Sig Exp Ratio
136 100
137 10.1
54 8.7
68 4.6



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 9.10 min Scan# 701
Delta R.T. 0.02 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

Tgt Ion: 82 Resp: 132453
Ion Ratio Lower Upper
82 100
128 53.0 33.1 49.7#
54 55.7 48.3 72.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampleId :

DFTPP

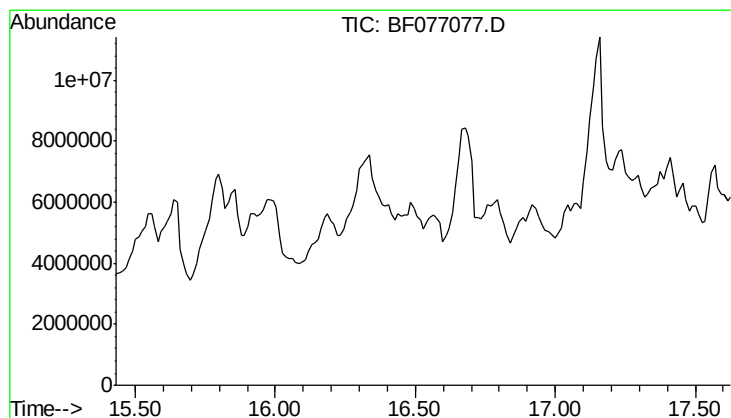
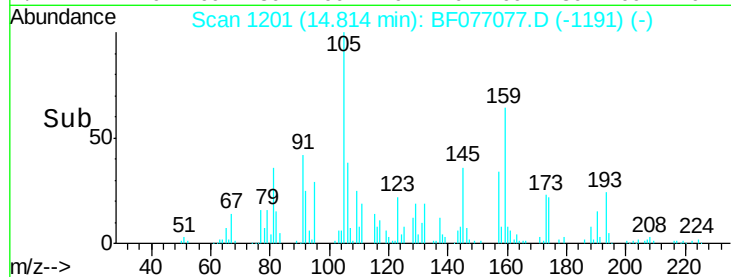
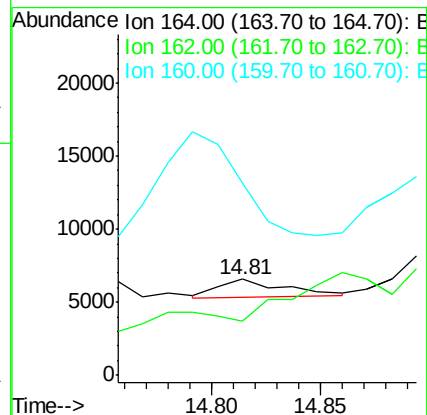
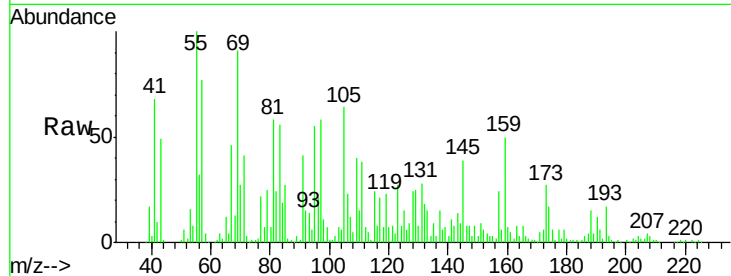
Tgt Ion:164 Resp: 2576

Ion Ratio Lower Upper

164 100

162 56.7 82.4 123.6#

160 201.1 34.8 52.2#



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 16.53 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

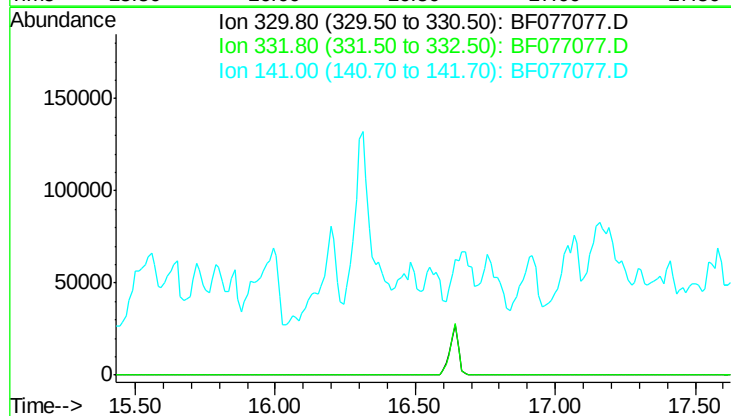
Tgt Ion: 330

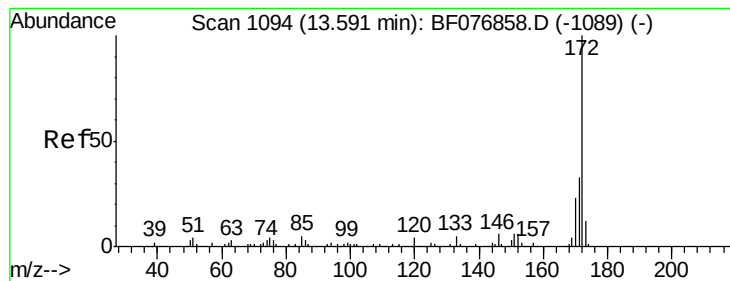
Sig Exp Ratio

330 100

332 97.2

141 48.1





#44

2-Fluorobiphenyl

Concen: 49.75 ng

RT: 13.29 min Scan# 1068

Delta R.T. -0.05 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampleId :

DFTPP

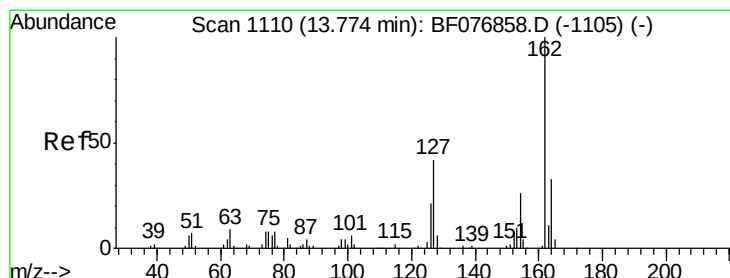
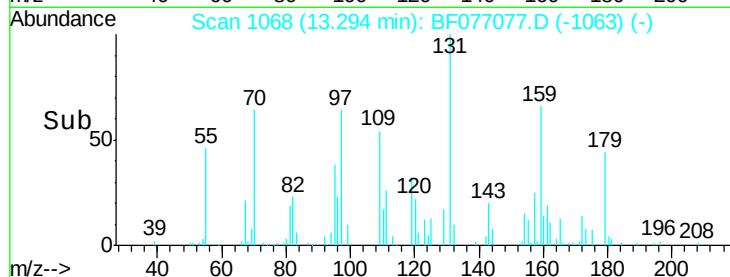
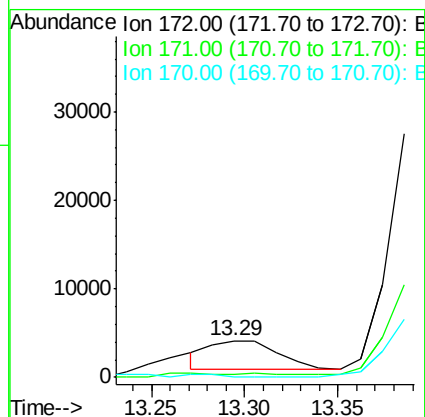
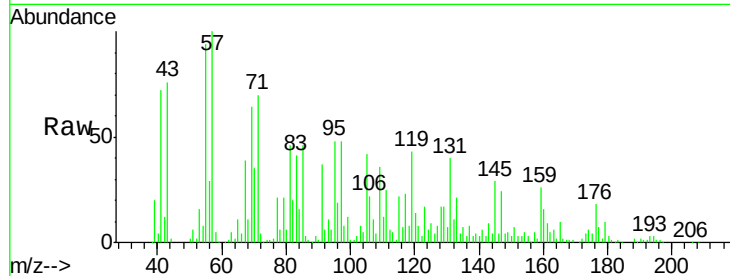
Tgt Ion:172 Resp: 8421

Ion Ratio Lower Upper

172 100

171 9.8 26.6 40.0#

170 0.0 18.0 27.0#



#46

2-Chloronaphthalene

Concen: 12.31 ng

RT: 13.47 min Scan# 1083

Delta R.T. -0.05 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

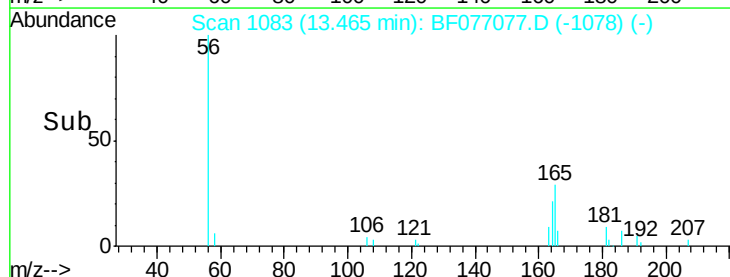
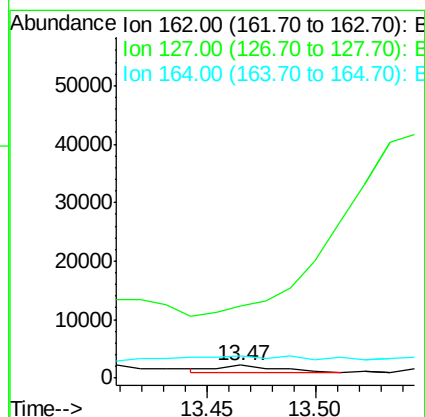
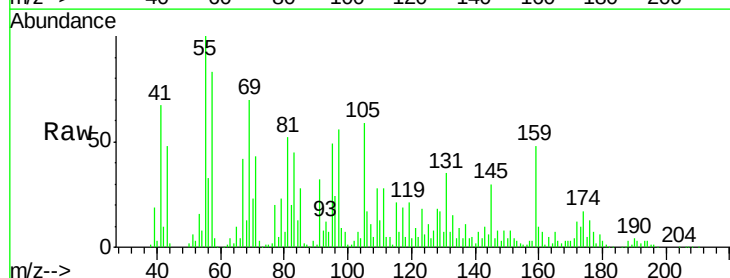
Tgt Ion:162 Resp: 1934

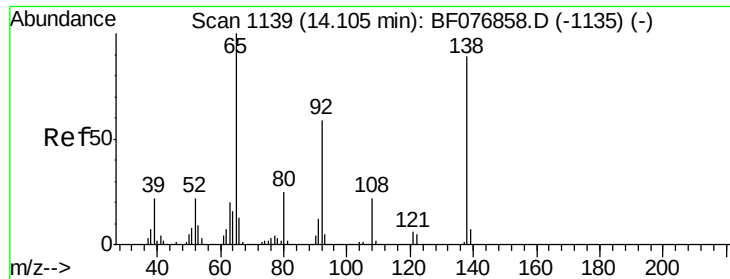
Ion Ratio Lower Upper

162 100

127 567.6 33.8 50.6#

164 179.3 26.8 40.2#

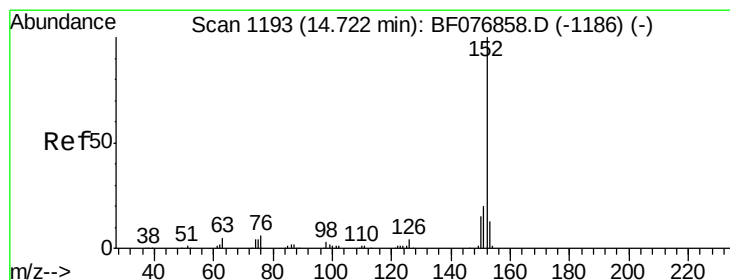
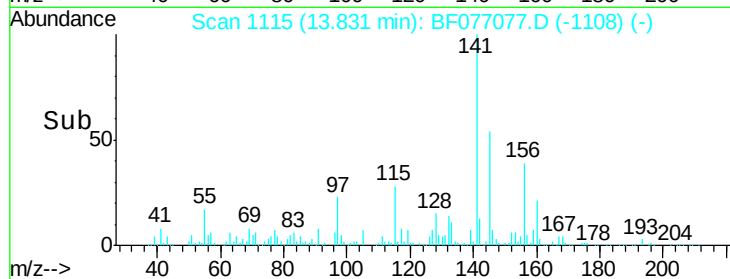
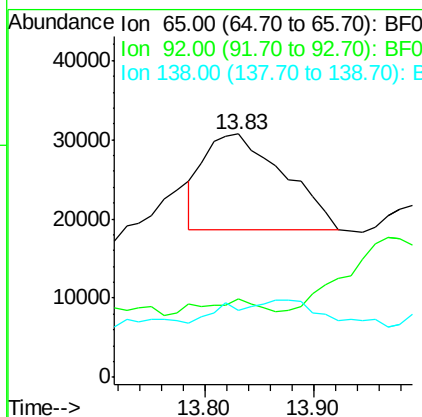
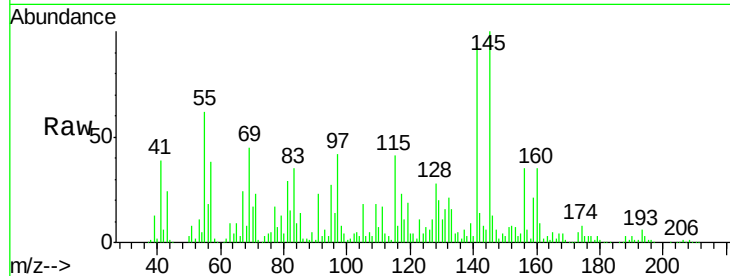




#47
 2-Nitroaniline
 Concen: 1295.10 ng
 RT: 13.83 min Scan# 1115
 Delta R.T. -0.02 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

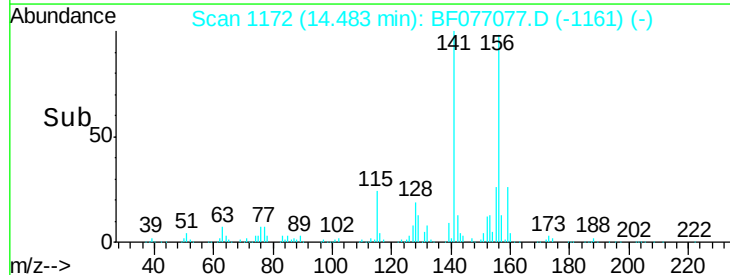
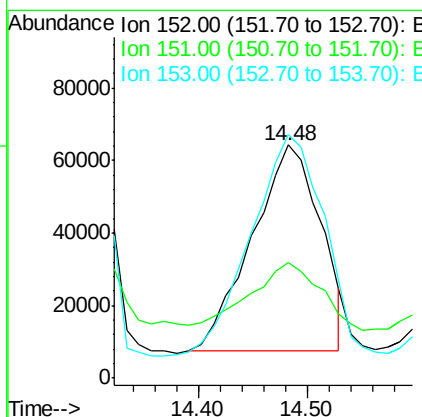
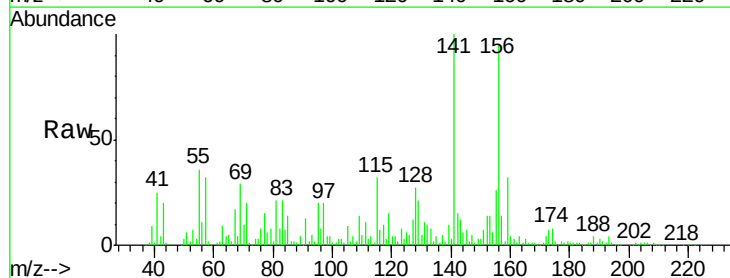
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

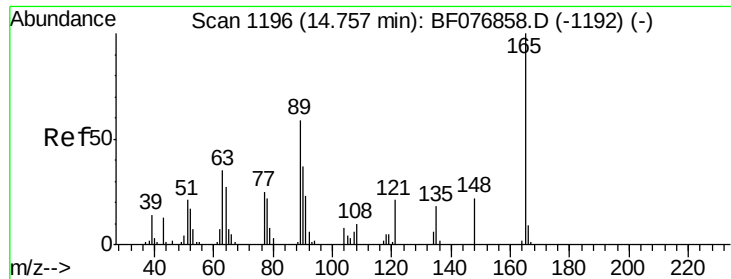
Tgt Ion: 65 Resp: 61741
 Ion Ratio Lower Upper
 65 100
 92 32.3 47.3 70.9#
 138 27.7 71.4 107.2#



#48
 Acenaphthylene
 Concen: 938.28 ng
 RT: 14.48 min Scan# 1172
 Delta R.T. 0.02 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

Tgt Ion: 152 Resp: 248713
 Ion Ratio Lower Upper
 152 100
 151 49.6 15.9 23.9#
 153 104.5 10.2 15.4#

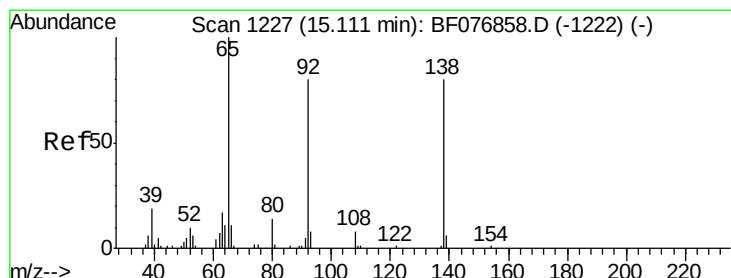
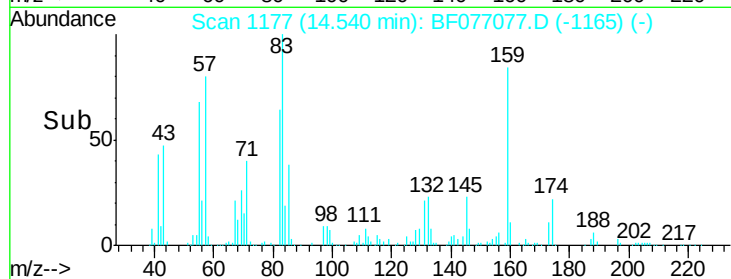
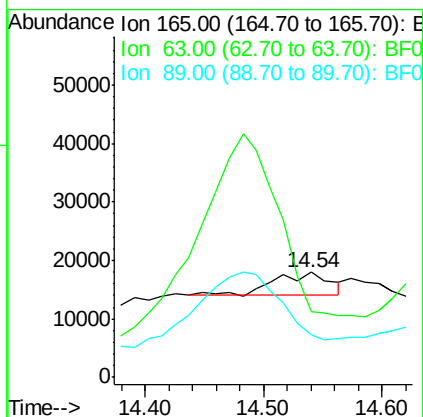
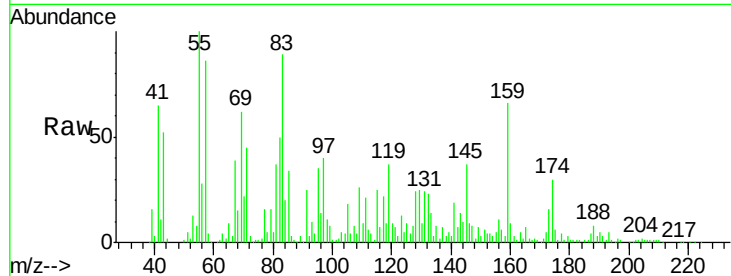




#50
 2,6-Dinitrotoluene
 Concen: 356.67 ng
 RT: 14.54 min Scan# 1177
 Delta R.T. 0.03 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

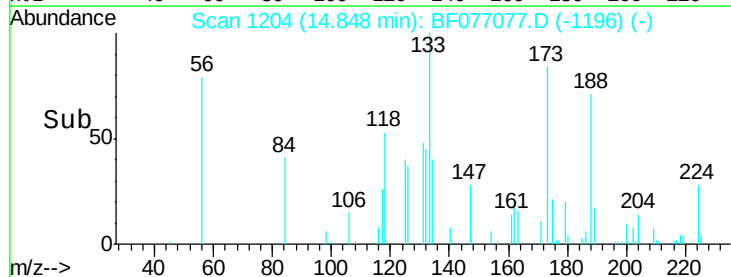
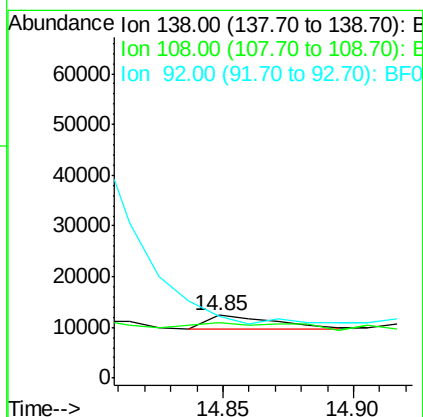
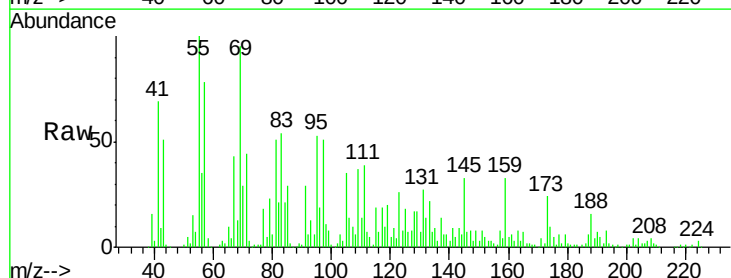
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

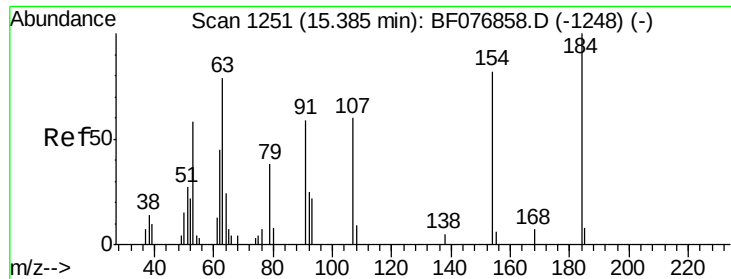
Tgt Ion:165 Resp: 13018
 Ion Ratio Lower Upper
 165 100
 63 62.2 48.1 72.1
 89 40.9 47.2 70.8#



#52
 3-Nitroaniline
 Concen: 95.92 ng
 RT: 14.85 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

Tgt Ion:138 Resp: 4662
 Ion Ratio Lower Upper
 138 100
 108 87.9 8.3 12.5#
 92 98.8 80.9 121.3





#53

2,4-Dinitrophenol

Concen: 33.62 ng

RT: 15.17 min Scan# 1232

Delta R.T. 0.03 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampled :

DFTPP

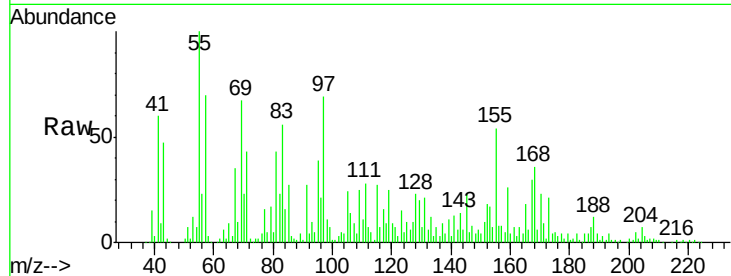
Tgt Ion:184 Resp: 439

Ion Ratio Lower Upper

184 100

63 1922.4 63.0 94.6#

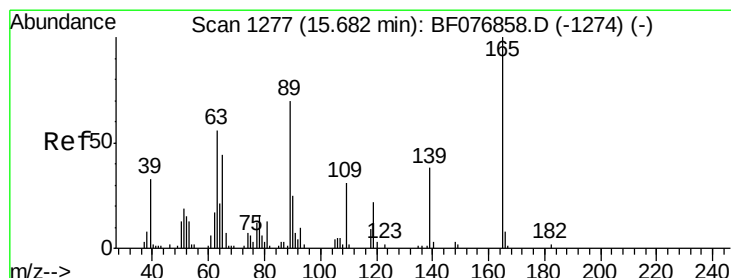
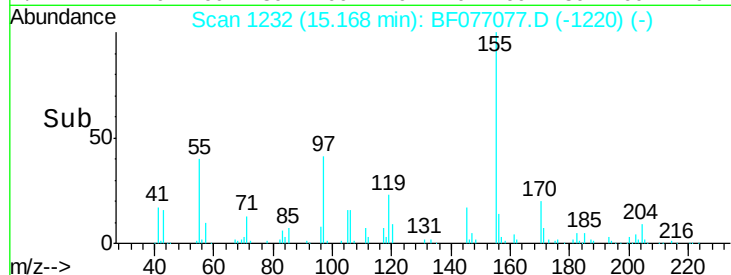
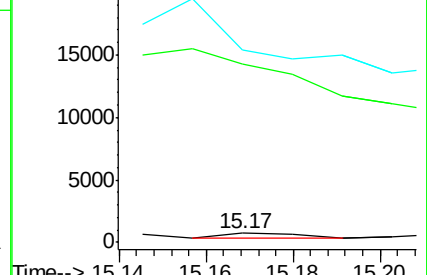
154 2064.1 65.5 98.3#



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



#55

4-Nitrophenol

Concen: 2200.83 ng

RT: 15.45 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

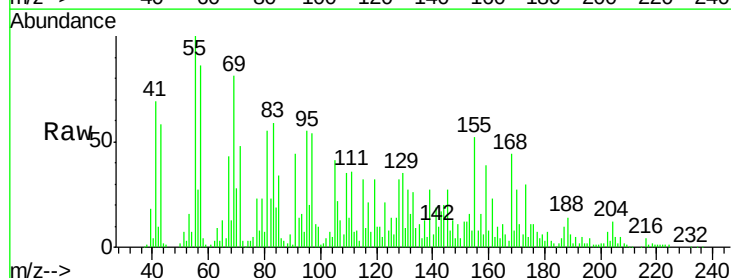
Tgt Ion:139 Resp: 63023

Ion Ratio Lower Upper

139 100

109 131.2 61.0 101.0#

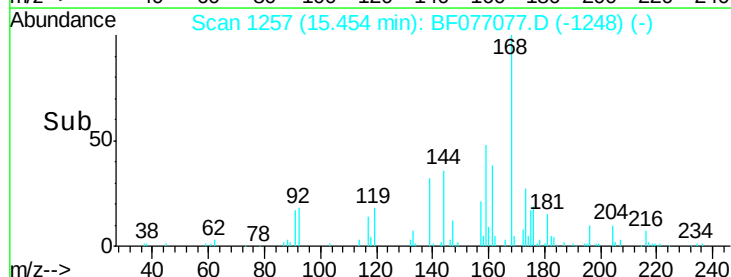
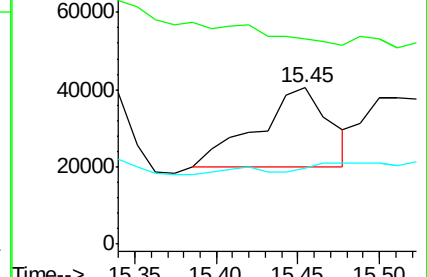
65 48.5 96.6 136.6#

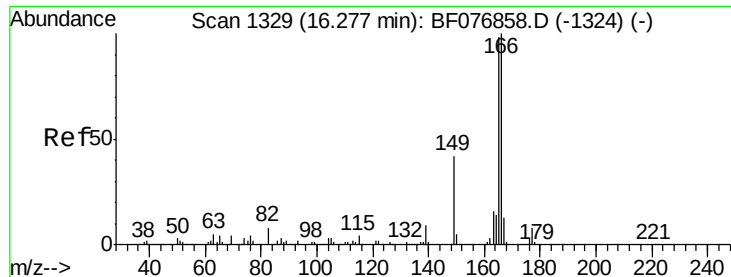


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

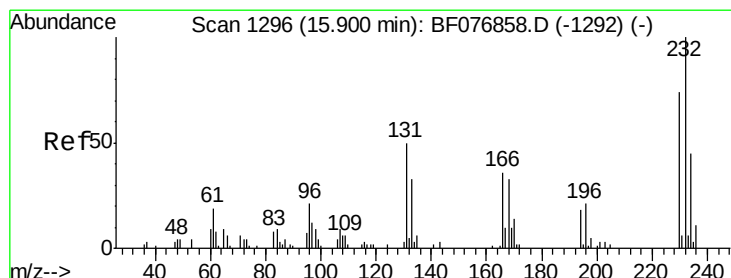
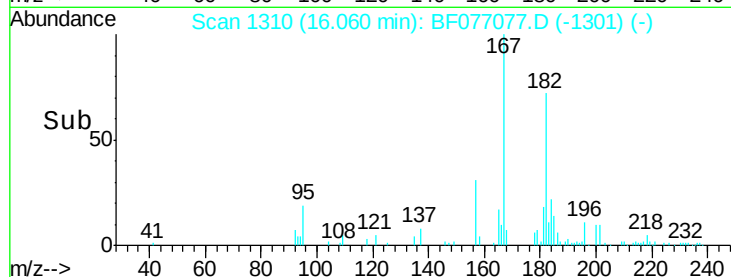
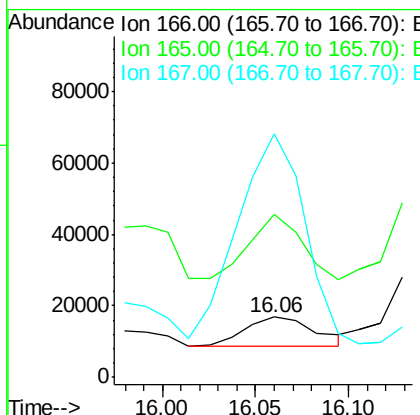
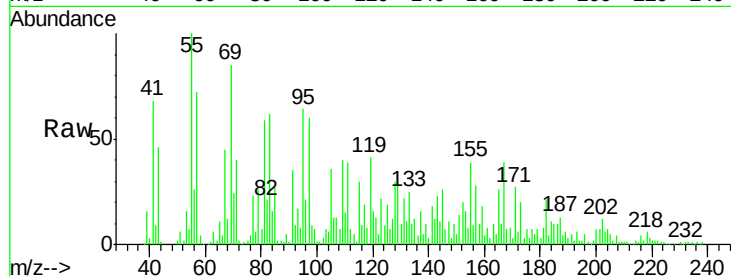




#57
 Fluorene
 Concen: 114.07 ng
 RT: 16.06 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

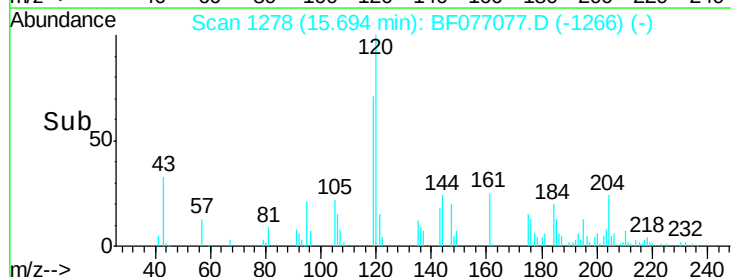
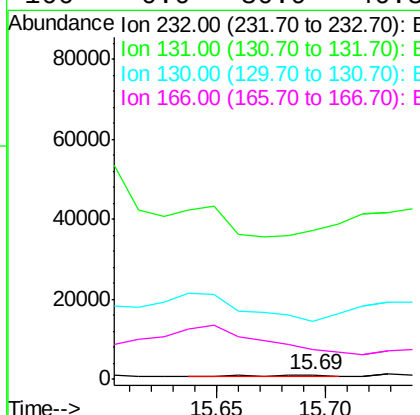
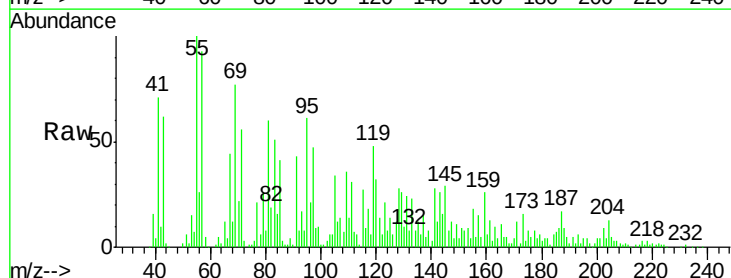
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

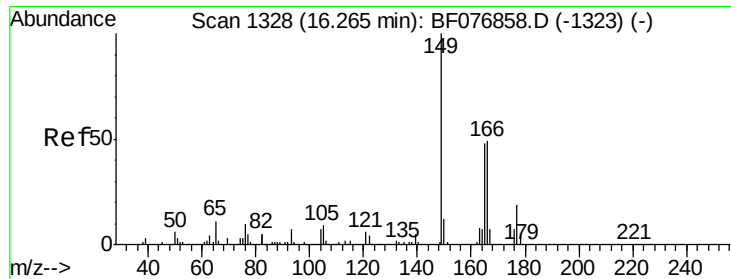
Tgt Ion:166 Resp: 21174
 Ion Ratio Lower Upper
 166 100
 165 271.9 78.5 117.7#
 167 405.6 10.4 15.6#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.91 ng
 RT: 15.69 min Scan# 1278
 Delta R.T. 0.03 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

Tgt Ion:232 Resp: 1341
 Ion Ratio Lower Upper
 232 100
 131 0.0 45.0 67.6#
 130 0.0 2.6 3.8#
 166 0.0 30.9 46.3#

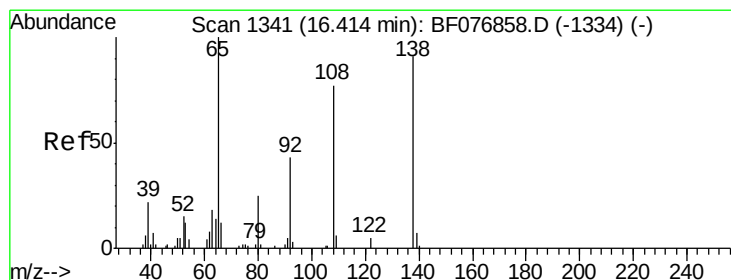
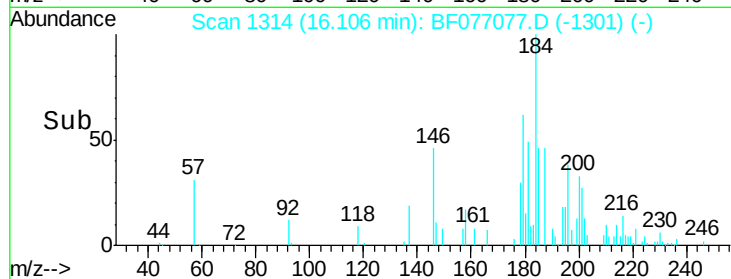
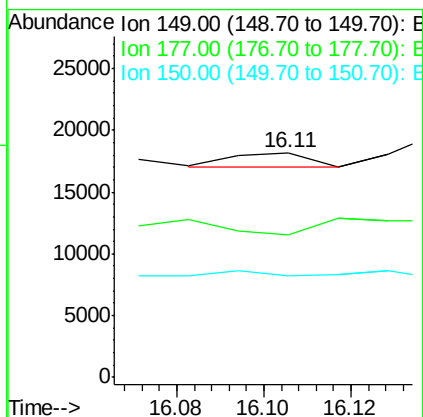
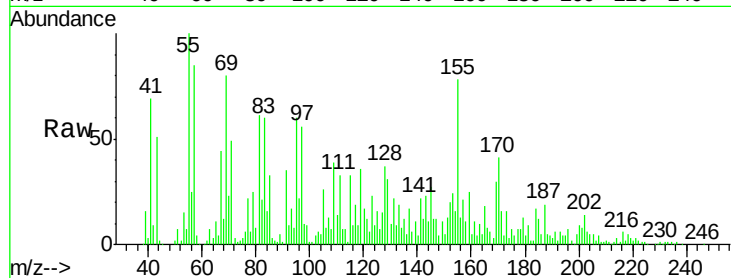




#59
Diethylphthalate
Concen: 7.78 ng
RT: 16.11 min Scan# 1314
Delta R.T. 0.05 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

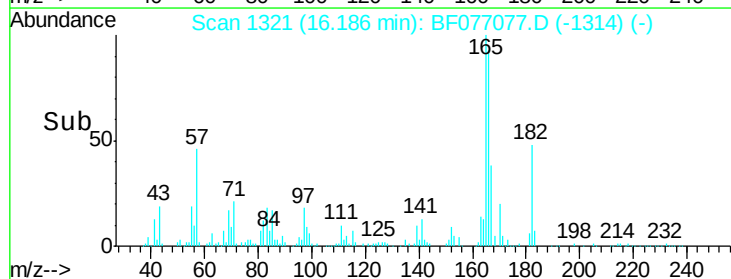
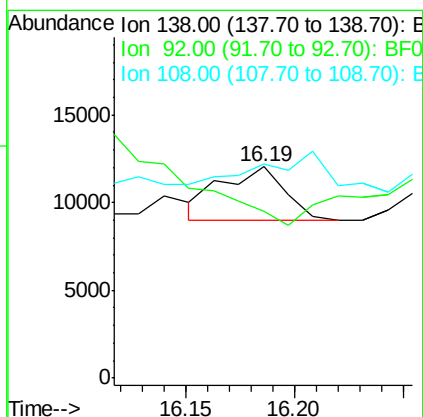
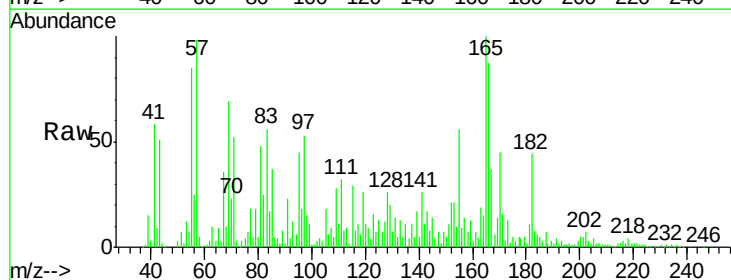
Instrument :
BNA_F
ClientSampleId :
DFTPP

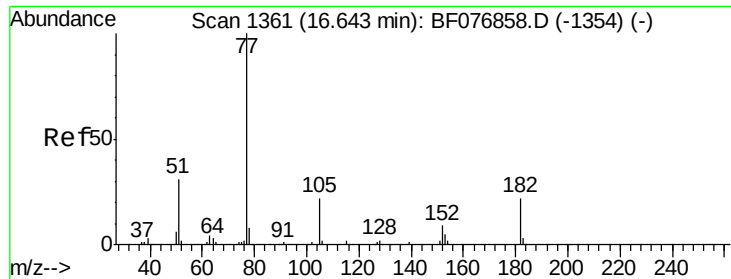
Tgt Ion:149 Resp: 1437
Ion Ratio Lower Upper
149 100
177 63.5 15.0 22.6#
150 45.2 9.4 14.0#



#61
4-Nitroaniline
Concen: 133.26 ng
RT: 16.19 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

Tgt Ion:138 Resp: 6251
Ion Ratio Lower Upper
138 100
92 79.1 26.7 66.7#
108 101.4 64.5 104.5





#62

Azobenzene

Concen: 131.55 ng

RT: 16.48 min Scan# 1347

Delta R.T. 0.05 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 77 Resp: 25306

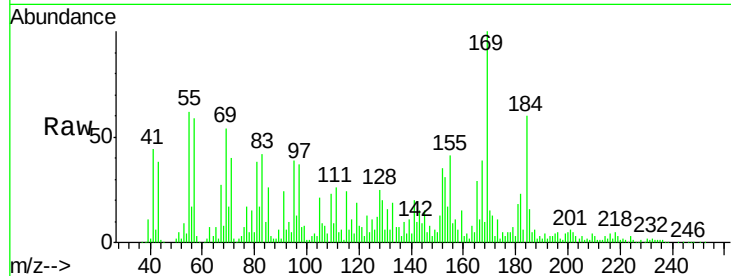
Ion Ratio Lower Upper

77 100

182 137.6 2.0 42.0#

105 124.7 2.3 42.3#

51 31.0 10.7 50.7

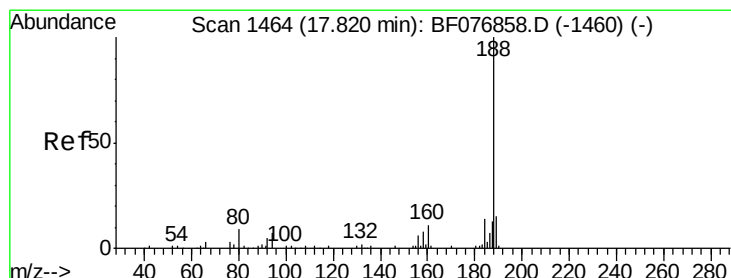
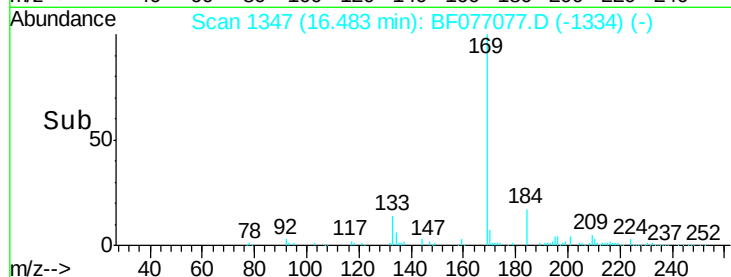
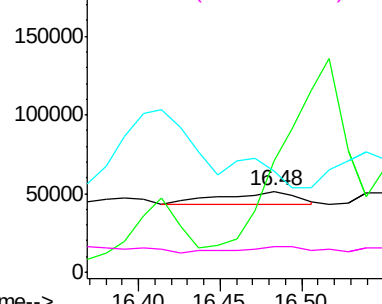


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.63 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

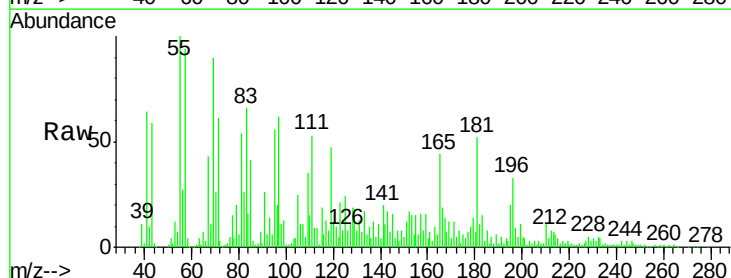
Tgt Ion: 188 Resp: 3471

Ion Ratio Lower Upper

188 100

94 351.3 6.0 9.0#

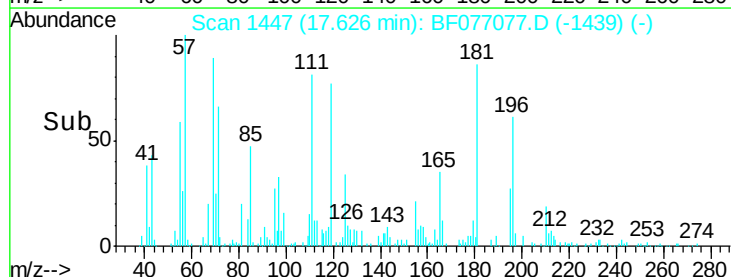
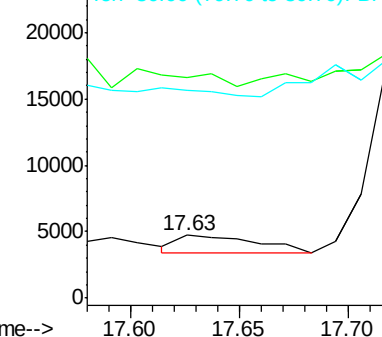
80 332.5 6.9 10.3#

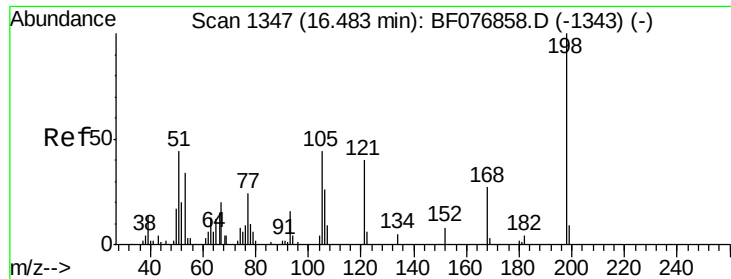


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

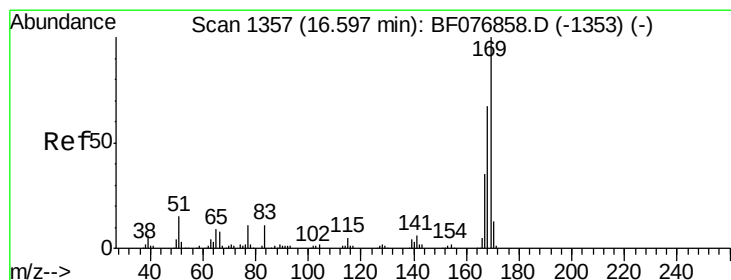
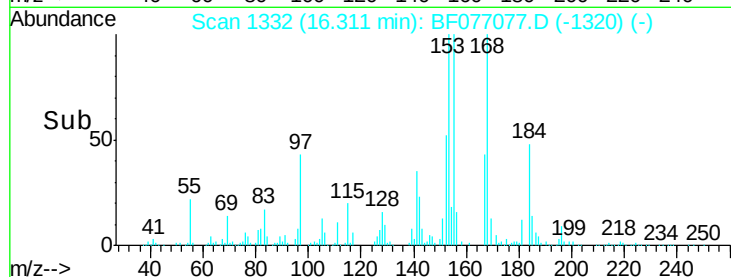
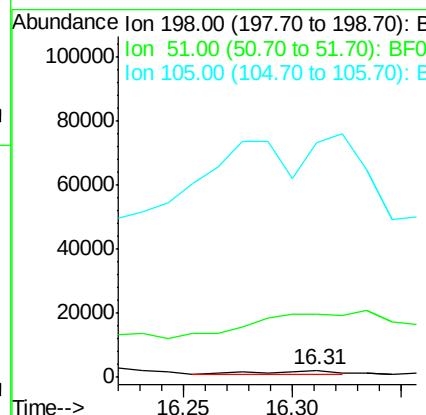
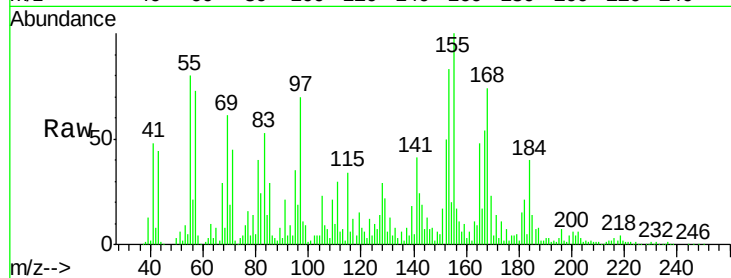




#64
 4,6-Dinitro-2-methylphenol
 Concen: 125.36 ng
 RT: 16.31 min Scan# 1332
 Delta R.T. 0.03 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

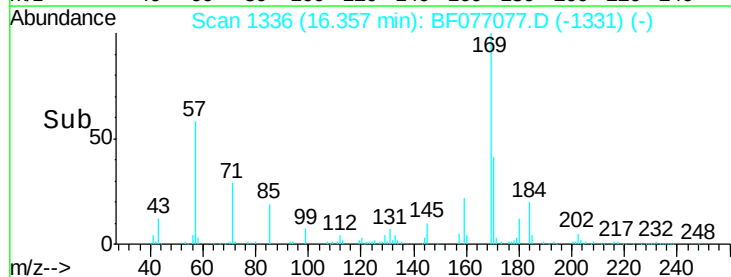
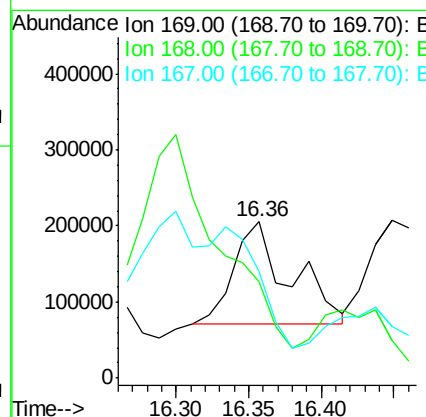
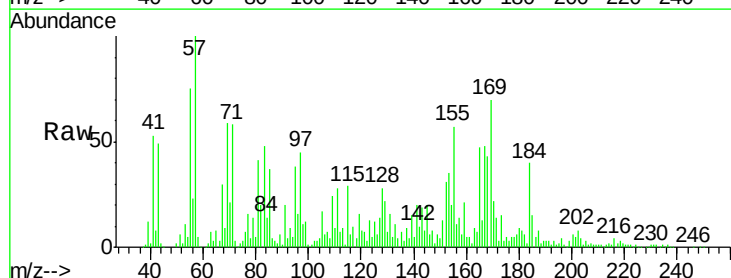
Instrument :
 BNA_F
 ClientSampled :
 DFTPP

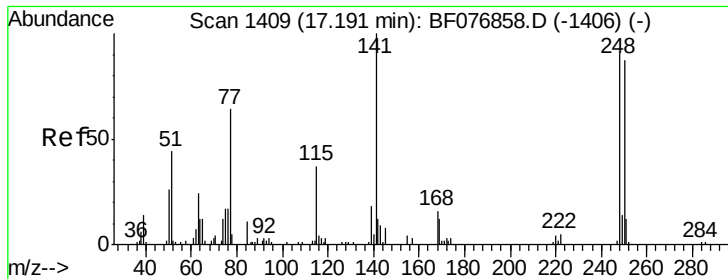
Tgt Ion:198 Resp: 2924
 Ion Ratio Lower Upper
 198 100
 51 912.8 24.2 64.2#
 105 3407.0 24.0 64.0#



#65
 n-Nitrosodiphenylamine
 Concen: 2861.60 ng
 RT: 16.36 min Scan# 1336
 Delta R.T. -0.05 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

Tgt Ion:169 Resp: 354163
 Ion Ratio Lower Upper
 169 100
 168 61.4 53.8 80.6
 167 68.3 27.8 41.6#





#66

4-Bromophenyl-phenylether

Concen: 63.61 ng

RT: 17.02 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampled :

DFTPP

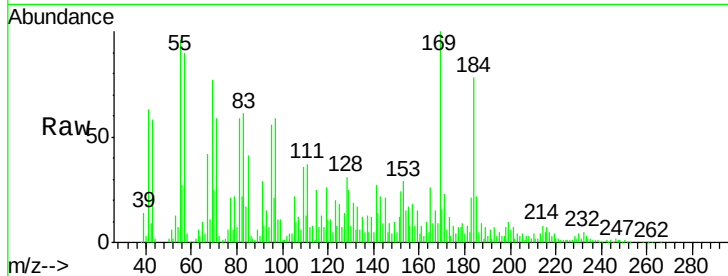
Tgt Ion:248 Resp: 2237

Ion Ratio Lower Upper

248 100

250 82.0 77.1 115.7

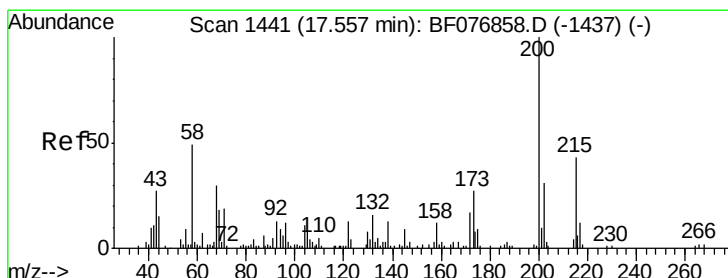
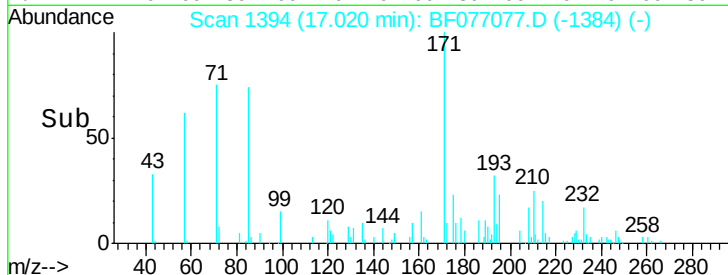
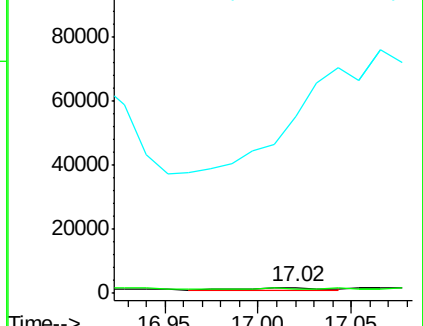
141 3039.2 88.2 132.4#



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



#68

Atrazine

Concen: 975.99 ng

RT: 17.37 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

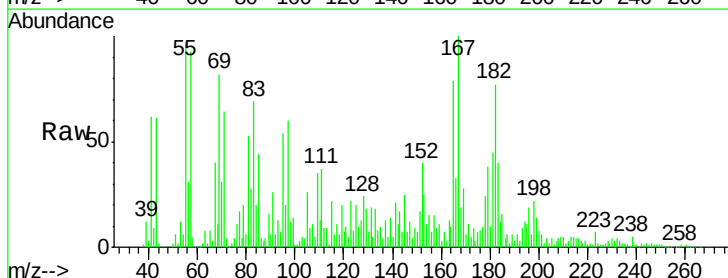
Tgt Ion:200 Resp: 36655

Ion Ratio Lower Upper

200 100

173 108.0 6.6 46.6#

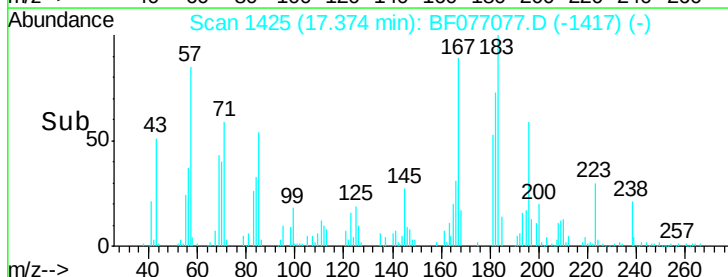
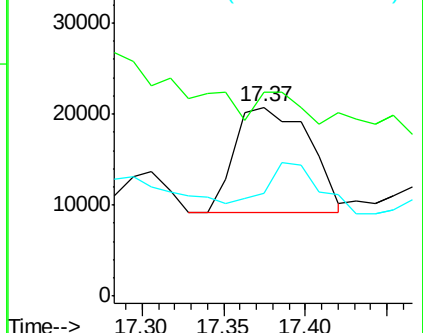
215 54.1 22.9 62.9

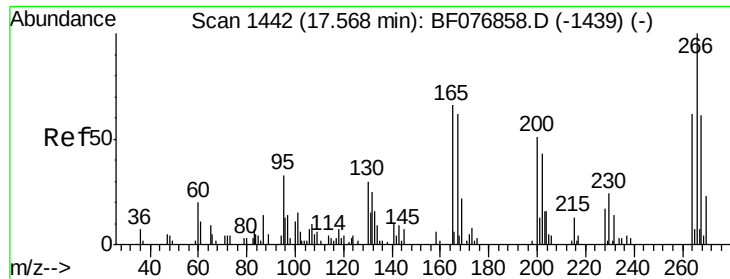


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

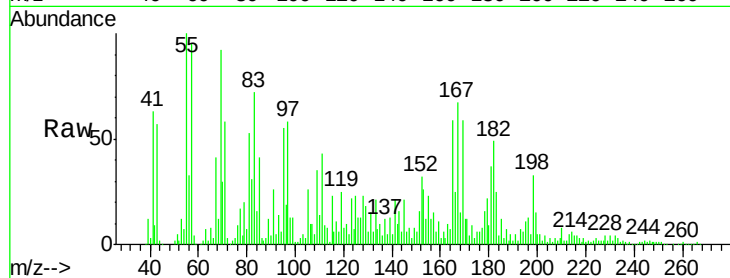




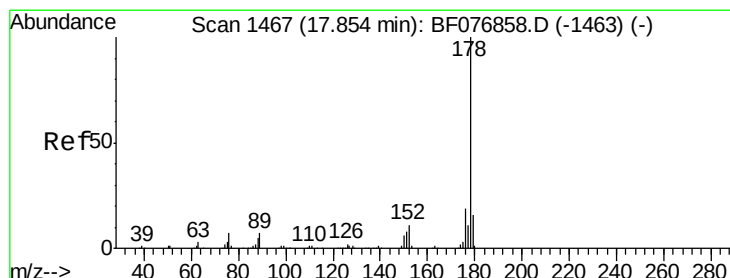
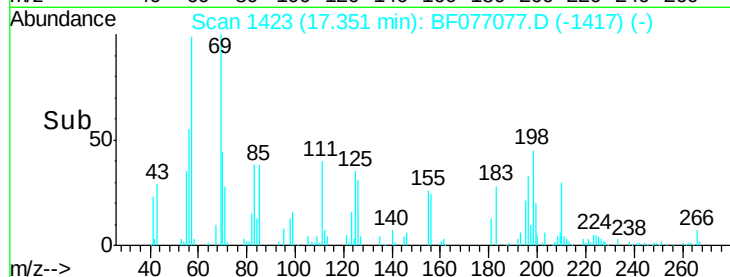
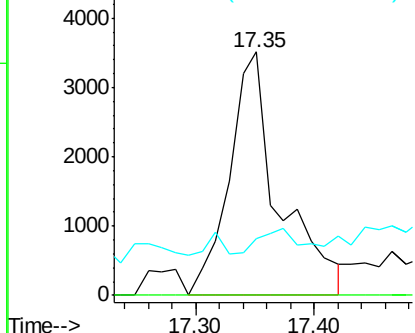
#69
 Pentachlorophenol
 Concen: 557.31 ng
 RT: 17.35 min Scan# 1423
 Delta R.T. -0.03 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 266 Resp: 10241
 Ion Ratio Lower Upper
 266 100
 268 0.0 48.6 72.8#
 264 23.4 49.5 74.3#

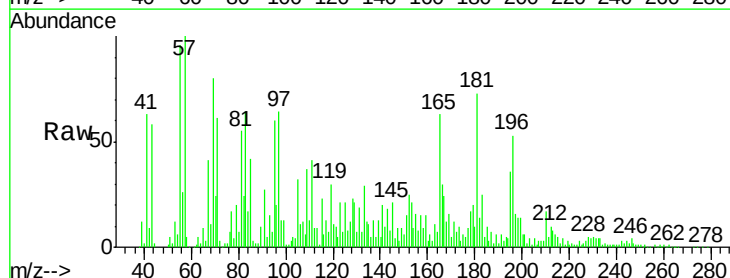


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

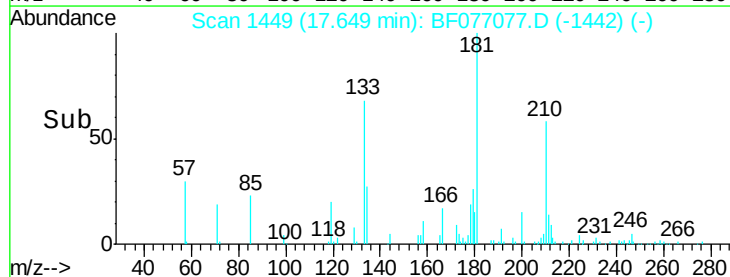
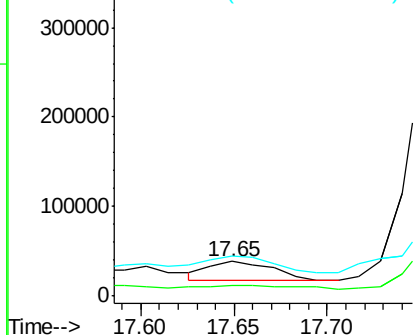


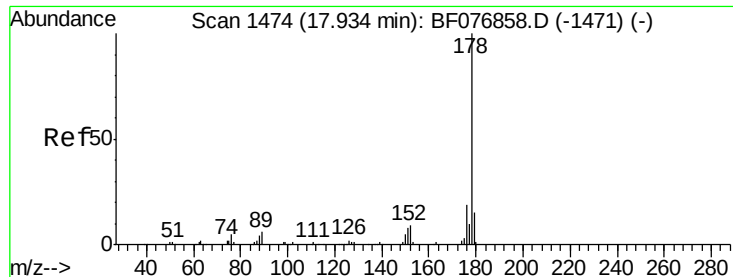
#70
 Phenanthrene
 Concen: 232.88 ng
 RT: 17.65 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

Tgt Ion: 178 Resp: 50408
 Ion Ratio Lower Upper
 178 100
 176 31.0 15.1 22.7#
 179 116.8 12.7 19.1#



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

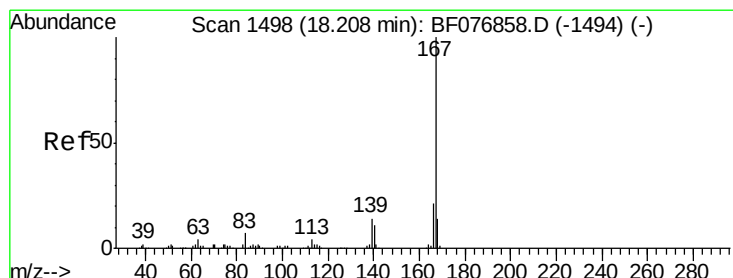
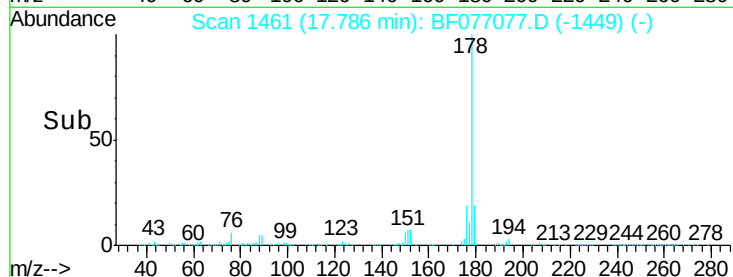
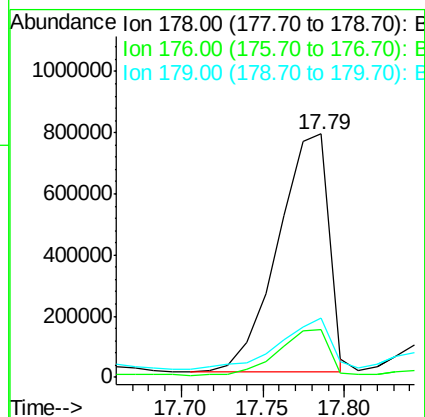
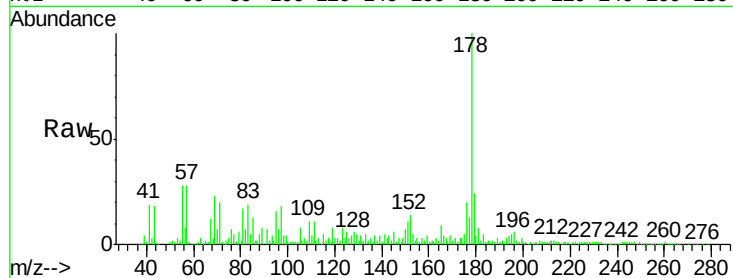




#71
 Anthracene
 Concen: 8015.60 ng
 RT: 17.79 min Scan# 1461
 Delta R.T. 0.03 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

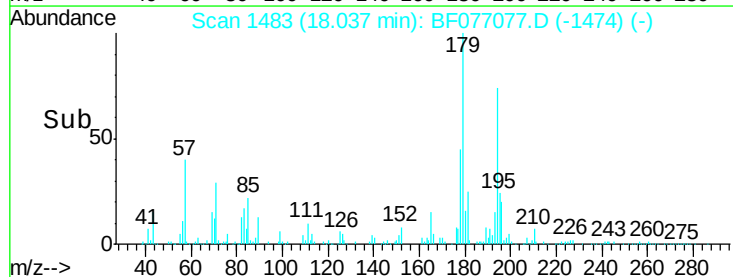
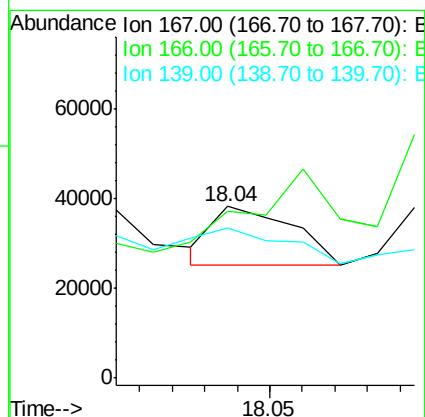
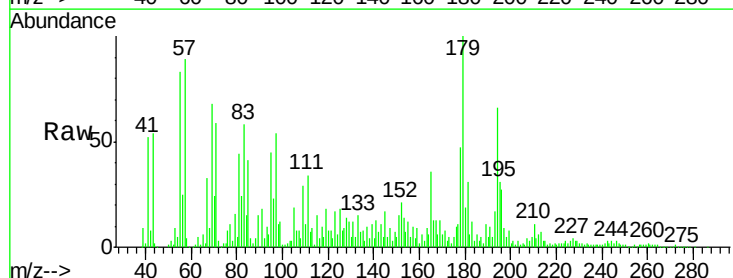
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

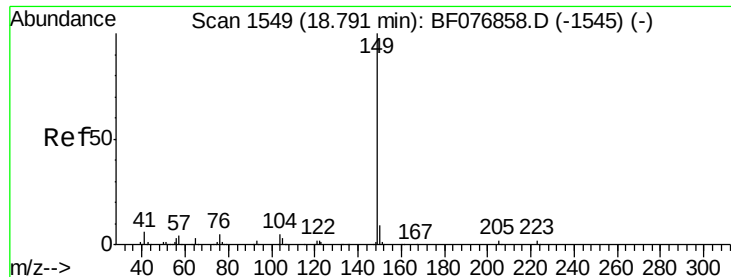
Tgt Ion:178 Resp: 1691932
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 24.2 11.9 17.9#



#72
 Carbazole
 Concen: 107.75 ng
 RT: 18.04 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

Tgt Ion:167 Resp: 22059
 Ion Ratio Lower Upper
 167 100
 166 97.2 17.0 25.6#
 139 87.2 11.3 16.9#





#73

Di-n-butylphthalate

Concen: 17.90 ng

RT: 18.62 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampleId :

DFTPP

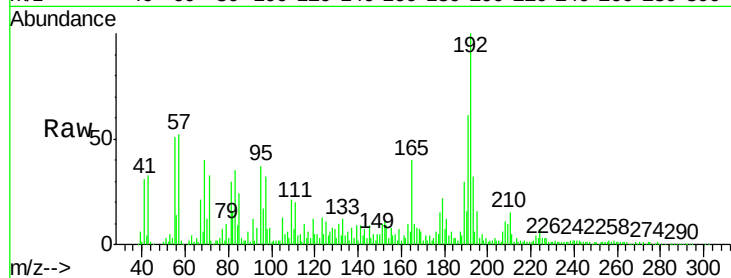
Tgt Ion:149 Resp: 4241

Ion Ratio Lower Upper

149 100

150 85.5 6.9 10.3#

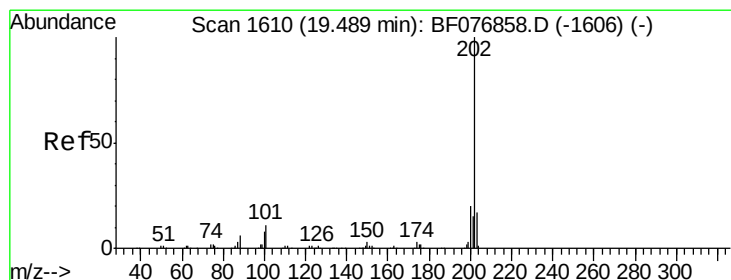
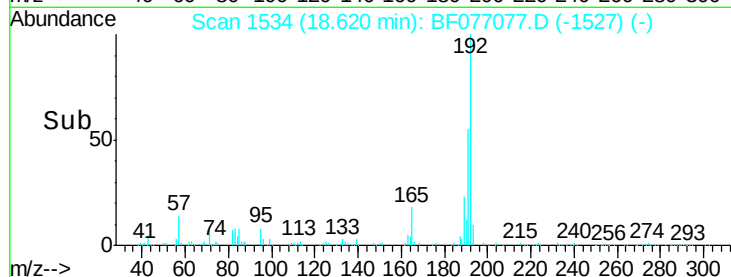
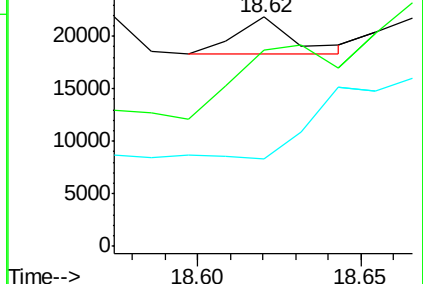
104 38.0 3.7 5.5#



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: 281.15 ng

RT: 19.34 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

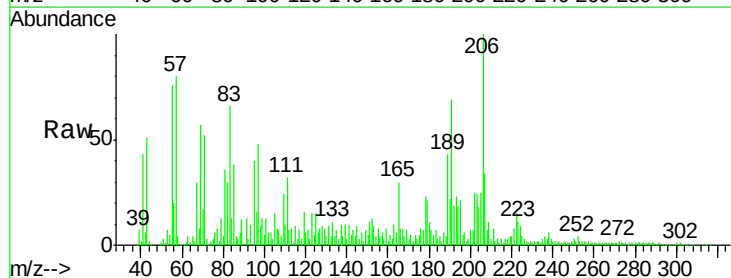
Tgt Ion:202 Resp: 62358

Ion Ratio Lower Upper

202 100

101 52.9 0.0 30.7#

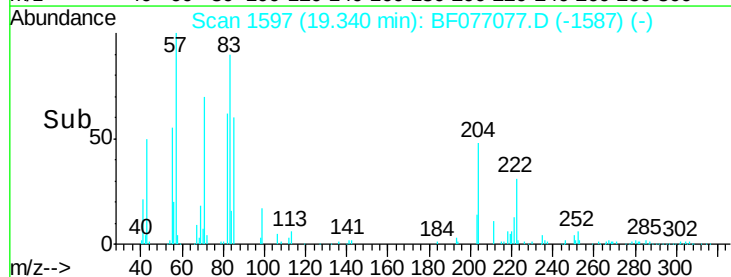
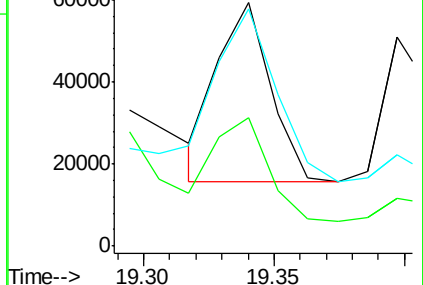
203 97.4 0.0 36.9#

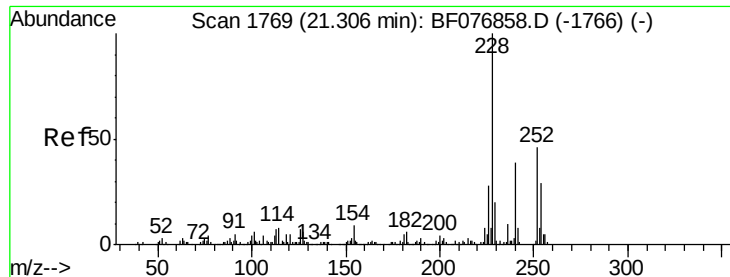


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.17 min Scan# 1757

Delta R.T. 0.02 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampleId :

DFTPP

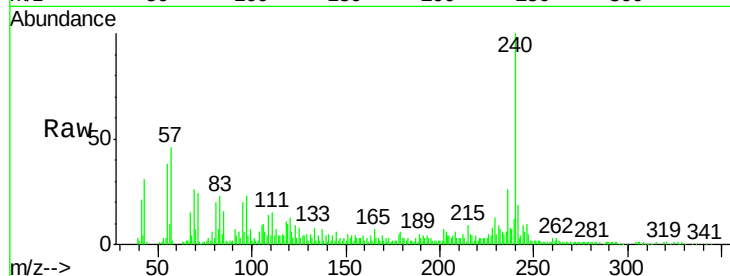
Tgt Ion:240 Resp: 81583

Ion Ratio Lower Upper

240 100

120 13.4 10.4 15.6

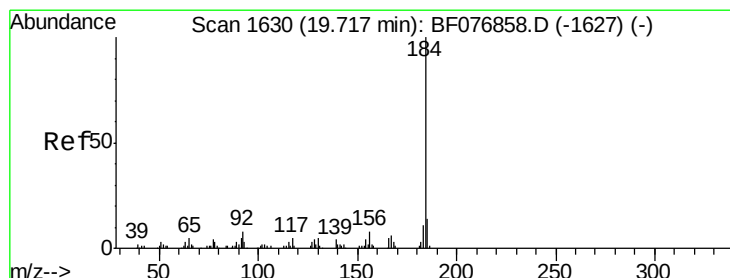
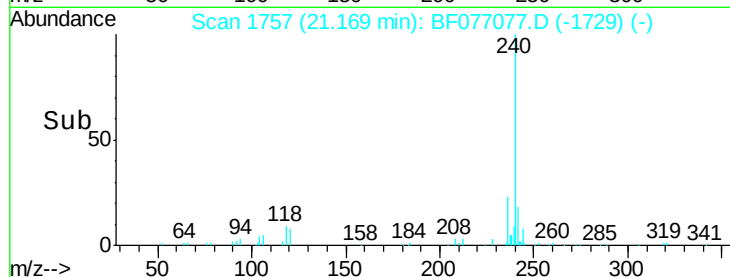
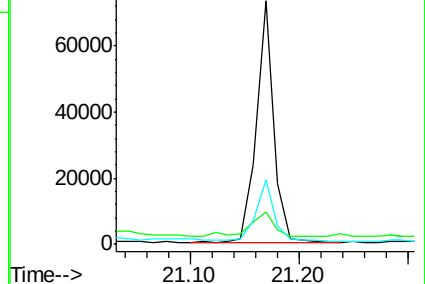
236 26.4 20.2 30.2



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



#76

Benzidine

Concen: 2.27 ng

RT: 19.63 min Scan# 1622

Delta R.T. 0.06 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

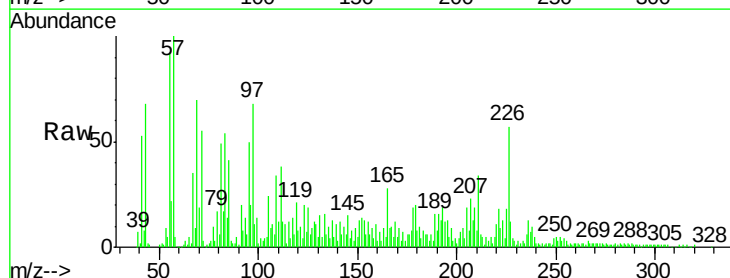
Tgt Ion:184 Resp: 5928

Ion Ratio Lower Upper

184 100

185 106.3 11.4 17.2#

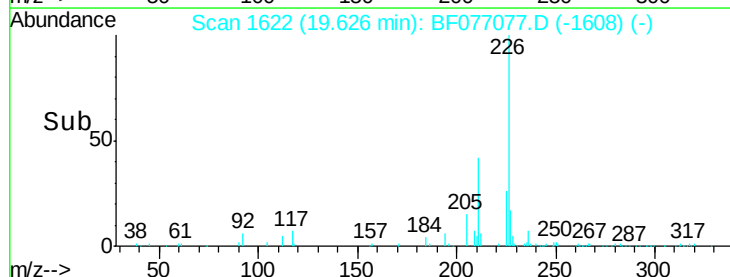
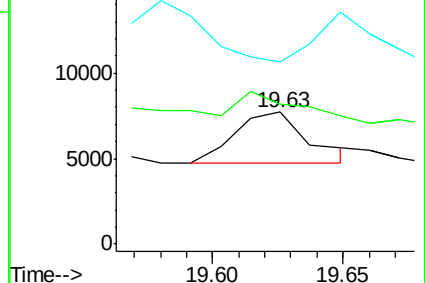
183 138.0 9.0 13.6#

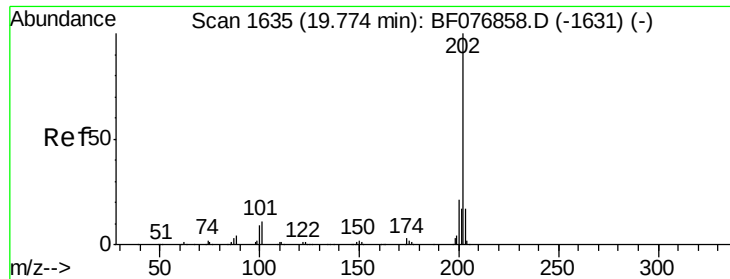


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 4.52 ng

RT: 19.59 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampleId :

DFTPP

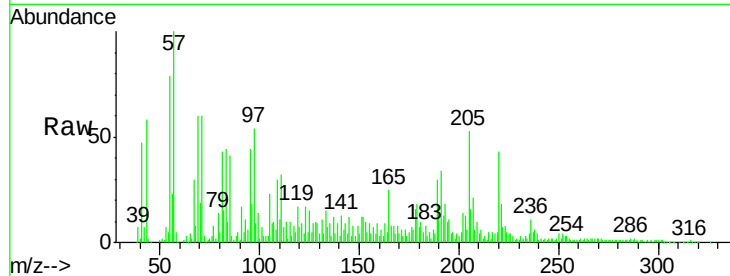
Tgt Ion:202 Resp: 25279

Ion Ratio Lower Upper

202 100

200 18.9 16.7 25.1

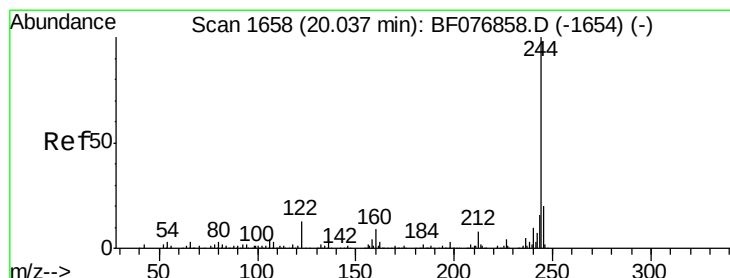
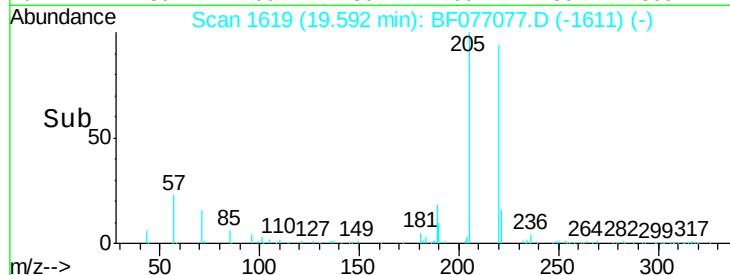
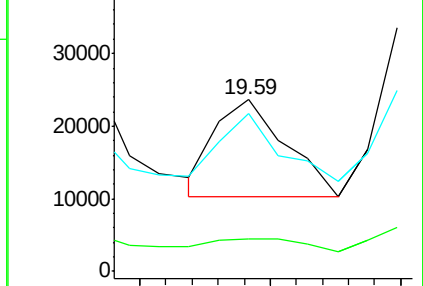
203 92.1 14.0 21.0#



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: 87.82 ng

RT: 19.93 min Scan# 1649

Delta R.T. 0.06 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

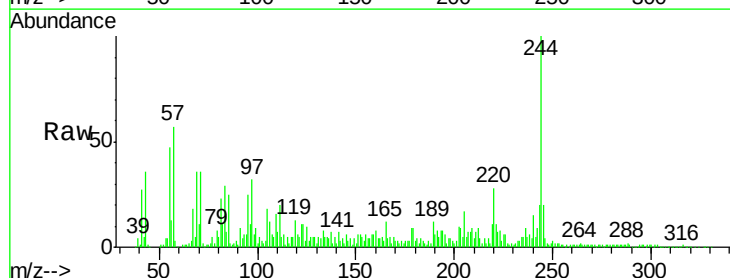
Tgt Ion:244 Resp: 311228

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

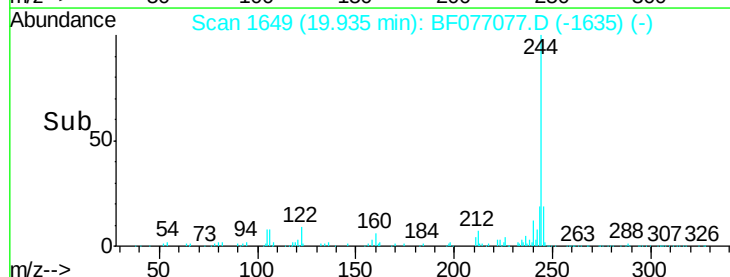
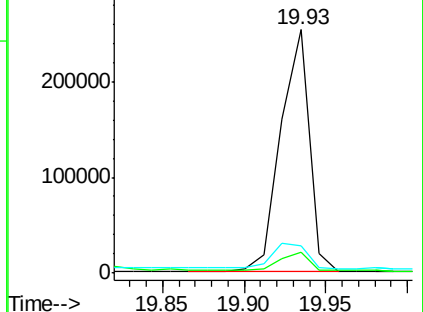
122 11.3 10.1 15.1

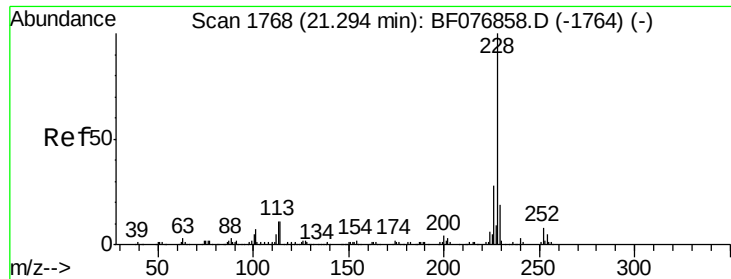


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

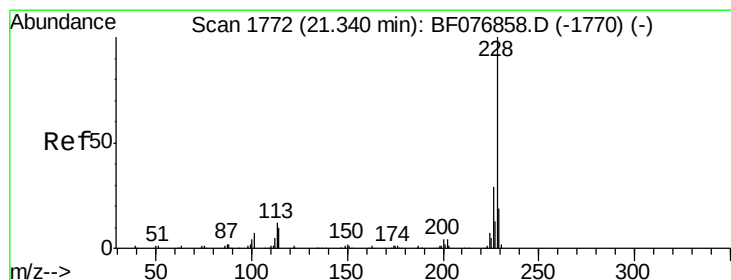
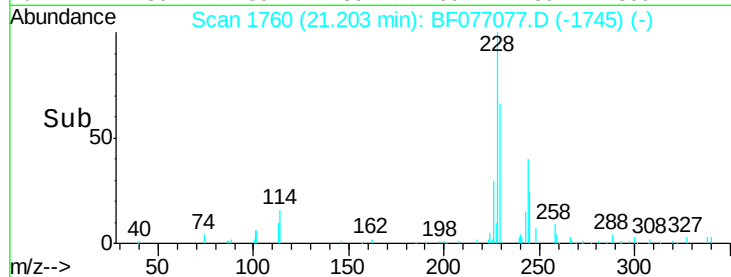
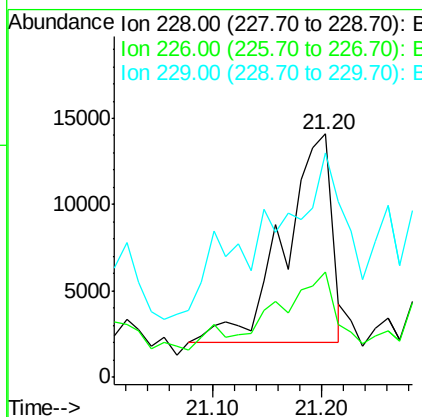
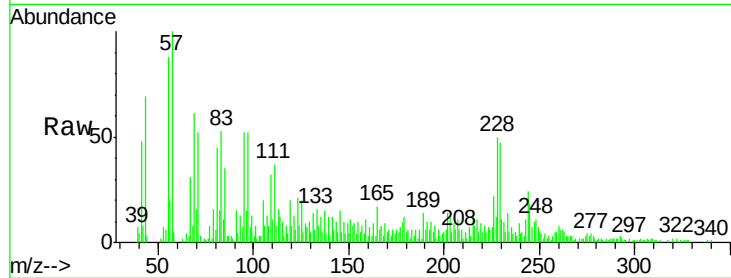




#80
Benzo(a)anthracene
Concen: 7.23 ng
RT: 21.20 min Scan# 1760
Delta R.T. 0.07 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

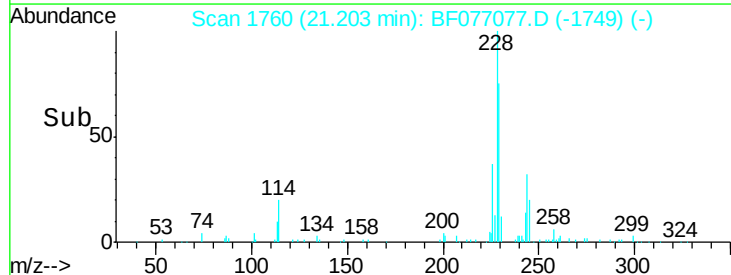
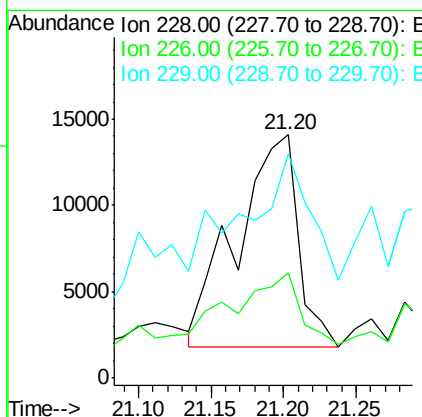
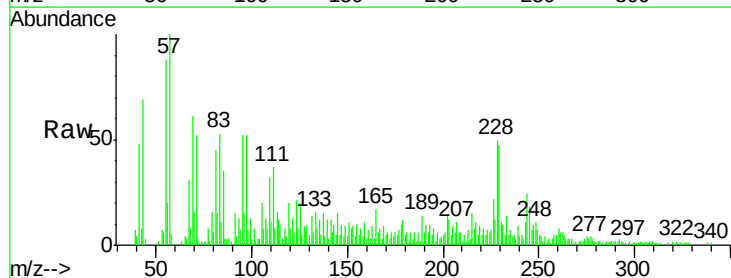
Instrument :
BNA_F
ClientSampleId :
DFTPP

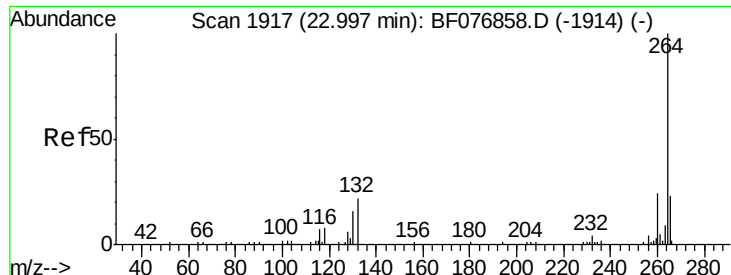
Tgt Ion:228 Resp: 37032
Ion Ratio Lower Upper
228 100
226 43.1 22.1 33.1#
229 92.2 15.5 23.3#



#82
Chrysene
Concen: 7.71 ng
RT: 21.20 min Scan# 1760
Delta R.T. 0.02 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

Tgt Ion:228 Resp: 35970
Ion Ratio Lower Upper
228 100
226 43.1 23.4 35.0#
229 92.2 15.4 23.0#

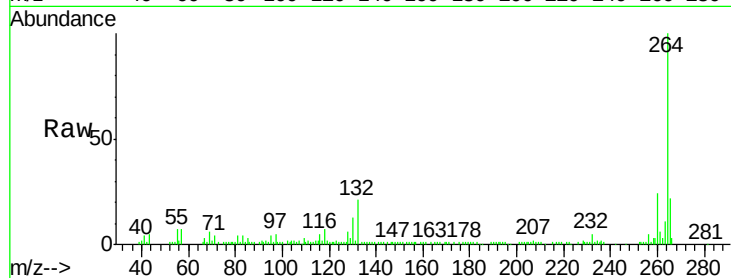




#86
Perylene-d12
Concen: 20.00 ng
RT: 22.80 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 264 Resp: 76376
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 21.5 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

