

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 :

Quant Time: Jan 28 05:18:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 04:24:51 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	0.03
86) Perylene-d12	22.80	264	76376	20.00	ng	0.02

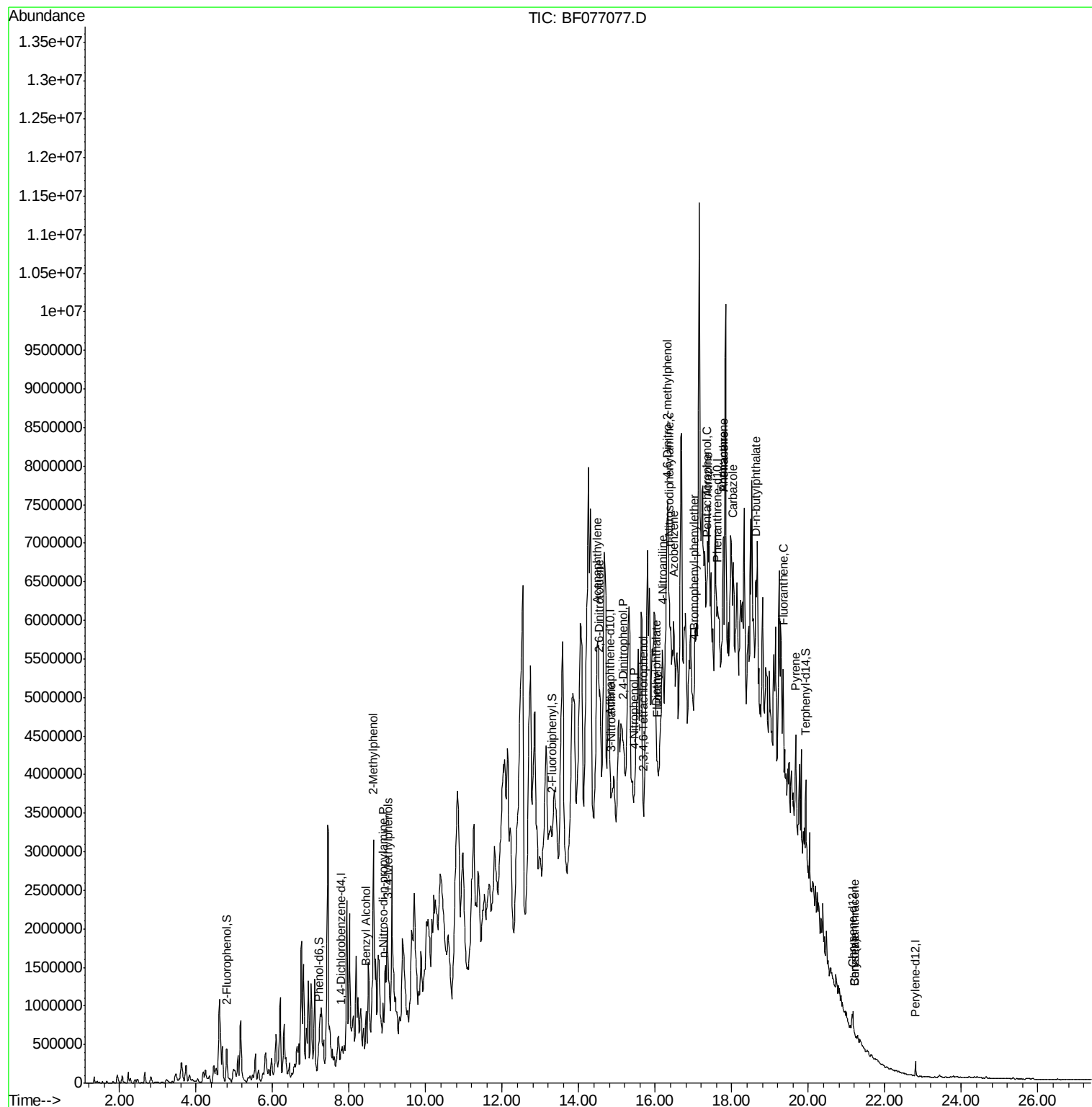
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.80	112	201478	128.81	ng	0.00
7) Phenol-d6	7.20	99	250811	127.11	ng	0.02
23) Nitrobenzene-d5	9.10	82	132134	0.00	ng	0.03
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.29	172	9731	57.49	ng	-0.03
78) Terphenyl-d14	19.93	244	311552	87.92	ng	0.06

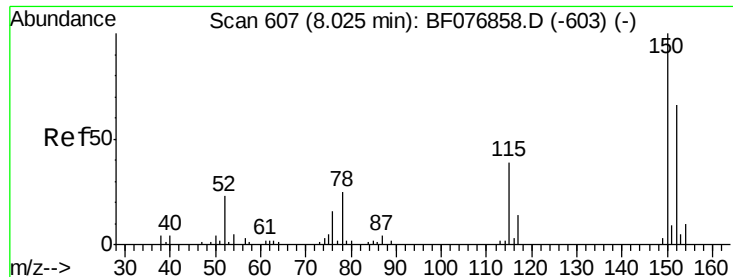
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.94	77	111478	Below Cal	#	1
15) Benzyl Alcohol	8.44	79	20825	13.04	ng	16
17) 2-Methylphenol	8.63	107	5403	3.67	ng	1
19) n-Nitroso-di-n-propylamine	8.89	70	7631	5.52	ng	56
20) 3+4-Methylphenols	9.01	107	4696	2.41	ng	1
48) Acenaphthylene	14.48	152	236131	890.81	ng	1
50) 2,6-Dinitrotoluene	14.54	165	13703	375.43	ng	87
52) 3-Nitroaniline	14.85	138	4662	95.92	ng	79
53) 2,4-Dinitrophenol	15.17	184	437	33.52	ng	1
55) 4-Nitrophenol	15.45	139	37742	1317.99	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	16.03	149	12393	67.12	ng	9
61) 4-Nitroaniline	16.19	138	6251	133.26	ng	71
62) Azobenzene	16.48	77	26005	135.18	ng	1
64) 4,6-Dinitro-2-methylphenol	16.31	198	3213	137.43	ng	1
65) n-Nitrosodiphenylamine	16.36	169	288037	2327.31	ng	75
66) 4-Bromophenyl-phenylether	17.02	248	2237	63.61	ng	1
68) Atrazine	17.37	200	38194	1016.97	ng	29
69) Pentachlorophenol	17.35	266	6671	365.44	ng	35
70) Phenanthrene	17.79	178	1691932	7816.48	ng	90
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
77) Pyrene	19.67	202	368638	65.93	ng	77
80) Benzo(a)anthracene	21.20	228	34120	6.67	ng	16
82) Chrysene	21.20	228	34120	7.31	ng	20

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

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 28 05:18:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 04:24:51 2015
Response via : Initial Calibration



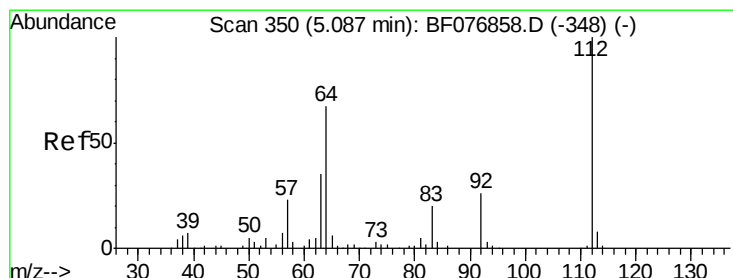
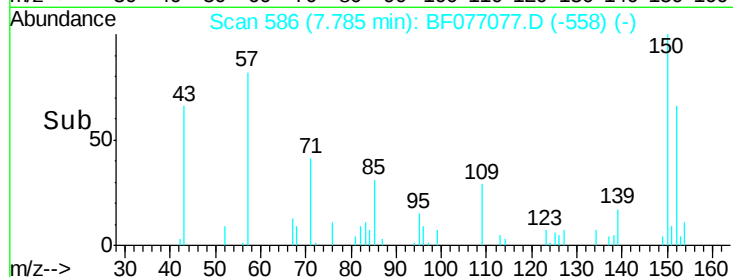
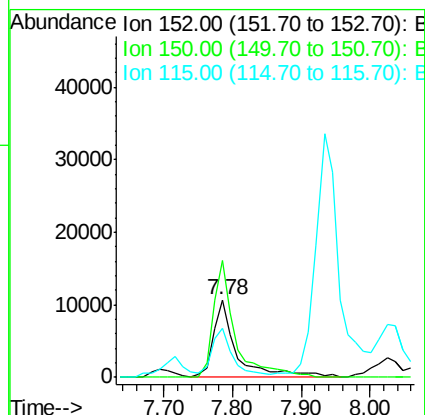
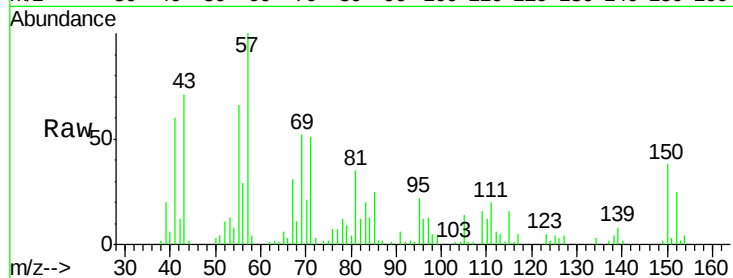


#1

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
ClientSampled :

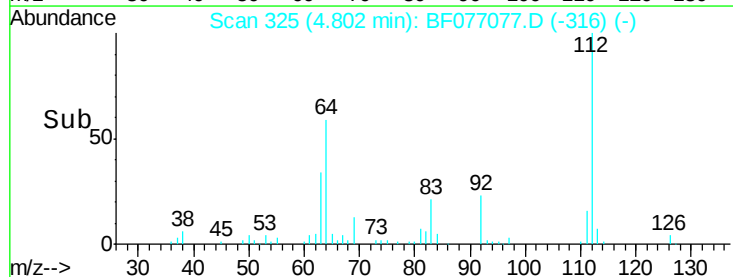
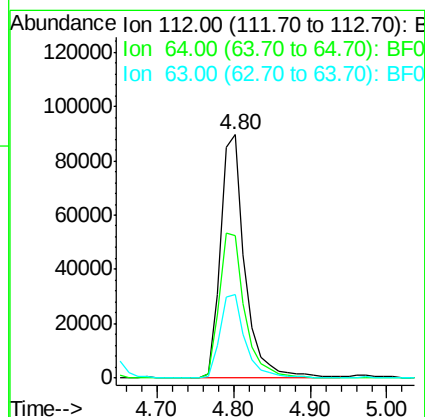
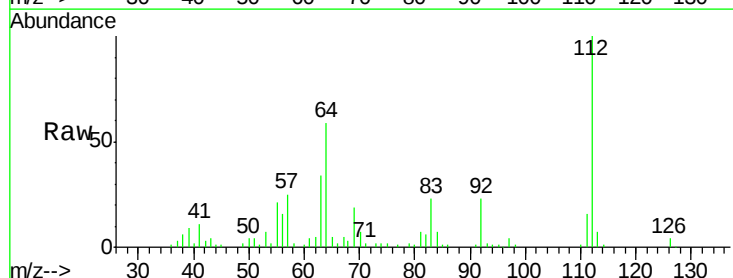
Tot Ion:152 Resp: 25717
Ion Ratio Lower Upper
152 100
150 151.3 121.7 182.5
115 63.6 47.0 70.6

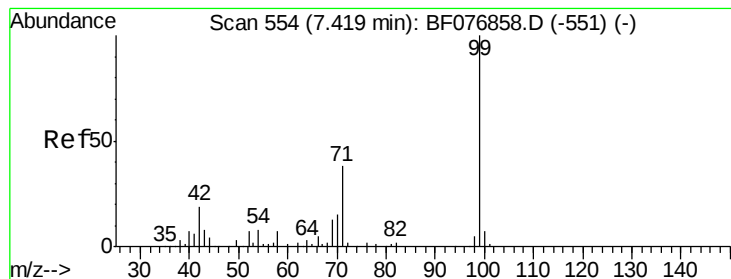


#5

2-Fluorophenol
Concen: 128.81 ng
RT: 4.80 min Scan# 325
Delta R.T. 0.00 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. 0.02 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampled :

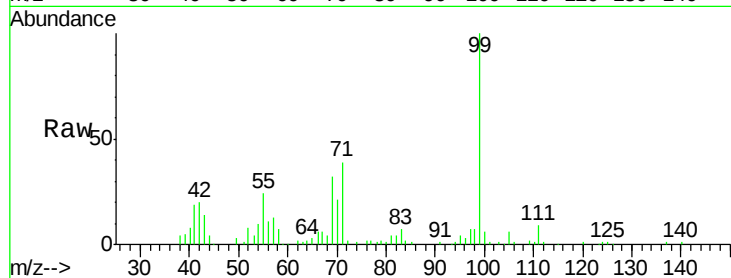
Tot Ion: 99 Resp: 250811

Ion Ratio Lower Upper

99 100

42 20.3 15.0 22.4

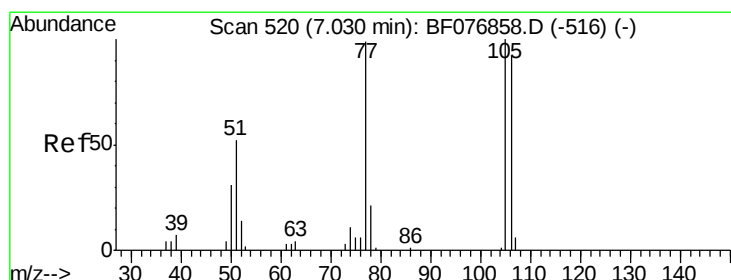
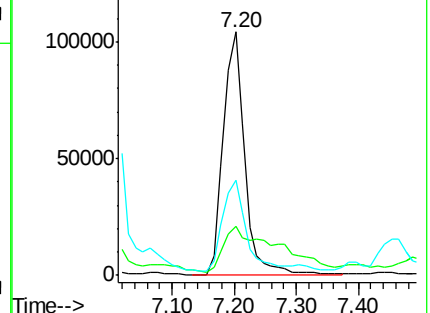
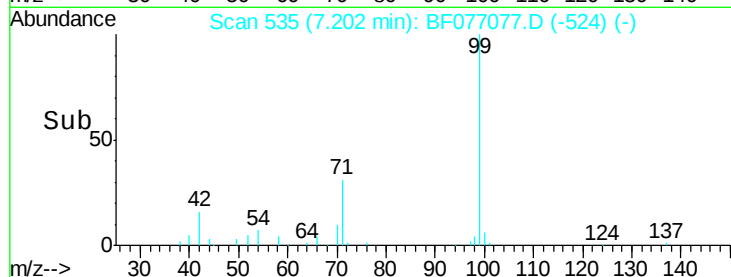
71 39.0 30.5 45.7



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: Below Cal

RT: 6.94 min Scan# 512

Delta R.T. 0.03 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

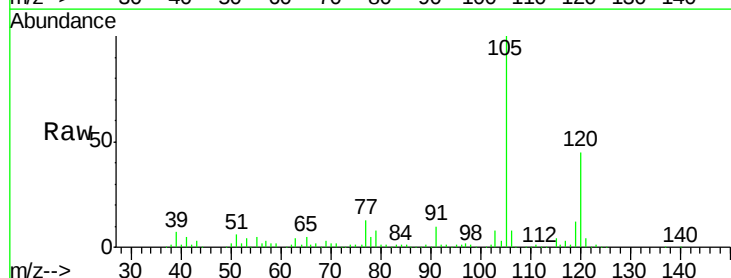
Tgt Ion: 77 Resp: 111478

Ion Ratio Lower Upper

77 100

105 770.1 81.4 121.4#

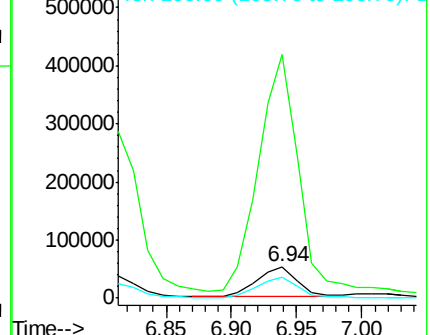
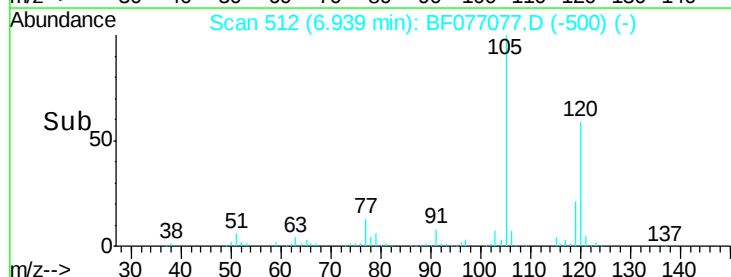
106 65.0 72.8 112.8#

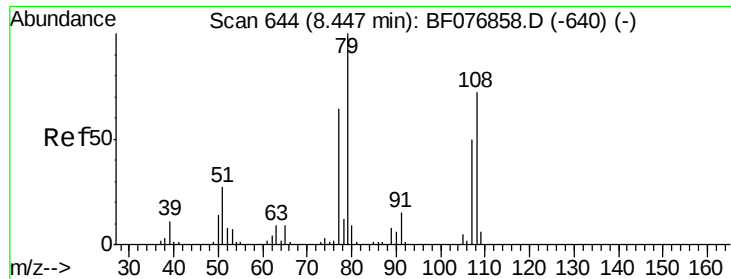


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 13.04 ng

RT: 8.44 min Scan# 643

Delta R.T. 0.03 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :
BNA_F
ClientSampleId :

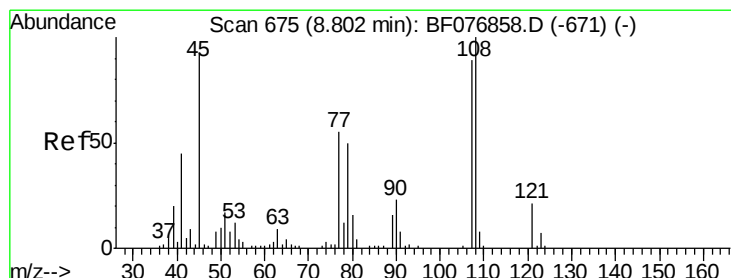
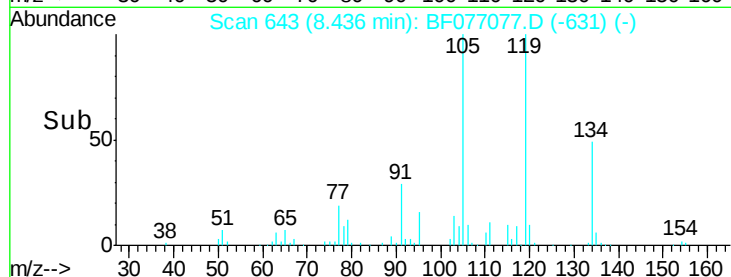
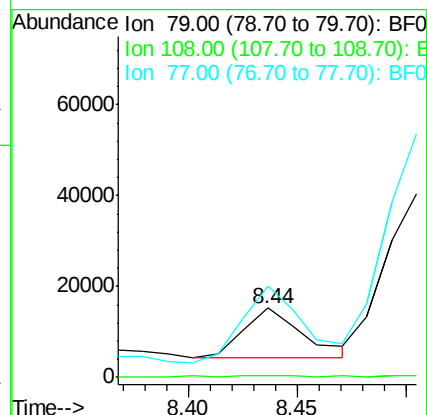
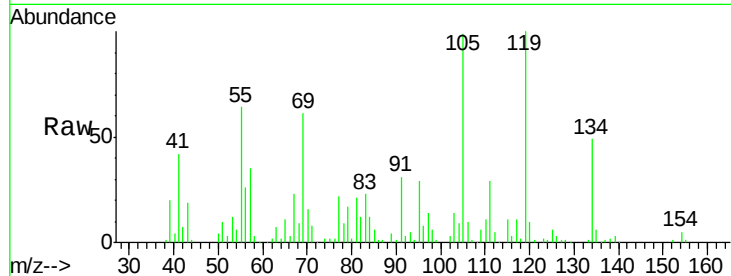
Tot Ion: 79 Resp: 20825

Ion Ratio Lower Upper

79 100

108 2.9 57.2 85.8#

77 131.4 51.2 76.8#



#17

2-Methylphenol

Concen: 3.67 ng

RT: 8.63 min Scan# 660

Delta R.T. 0.03 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Tgt Ion: 107 Resp: 5403

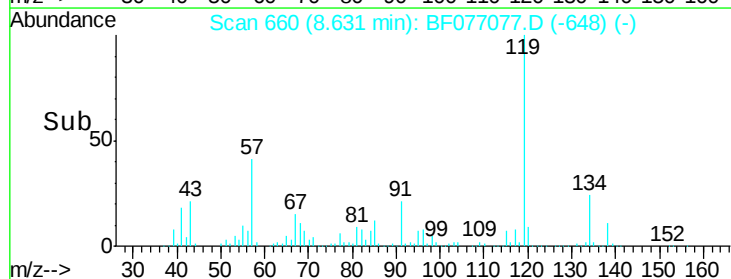
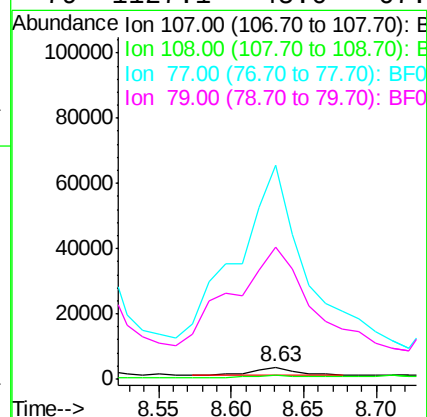
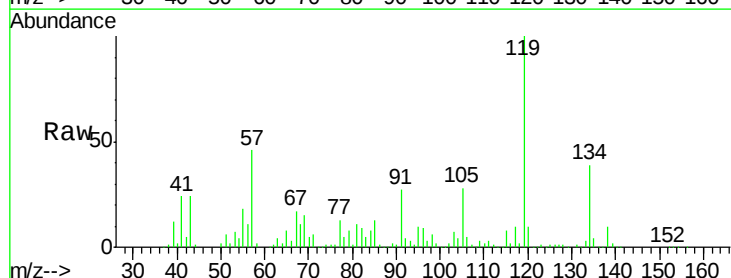
Ion Ratio Lower Upper

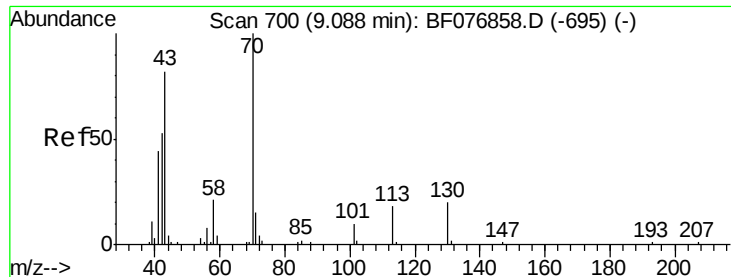
107 100

108 36.9 89.7 134.5#

77 1831.4 50.1 75.1#

79 1127.1 45.0 67.6#

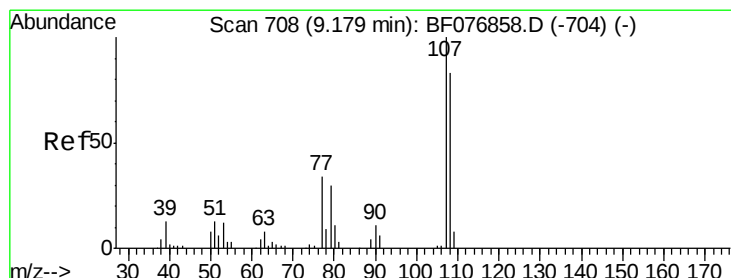
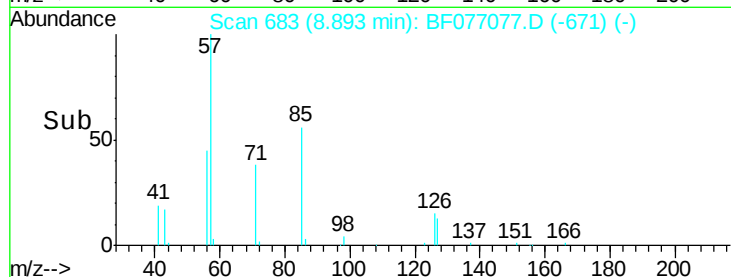
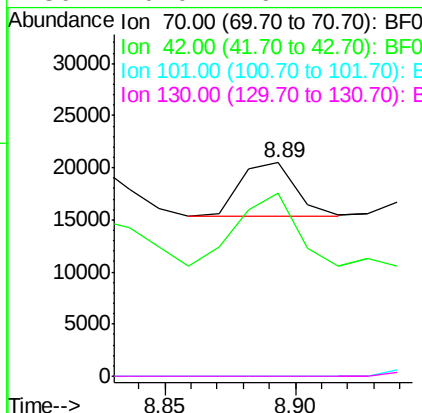
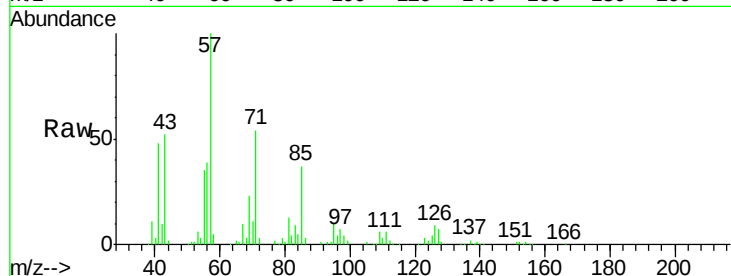




#19
n-Nitroso-di-n-propylamine
Concen: 5.52 ng
RT: 8.89 min Scan# 683
Delta R.T. 0.03 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

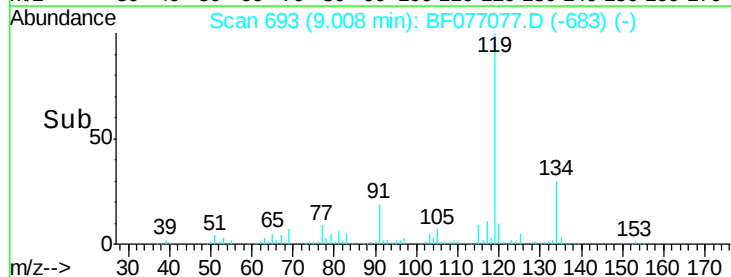
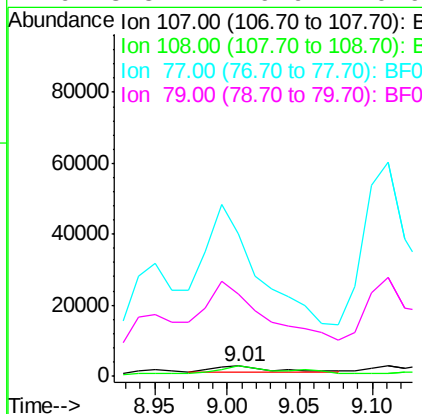
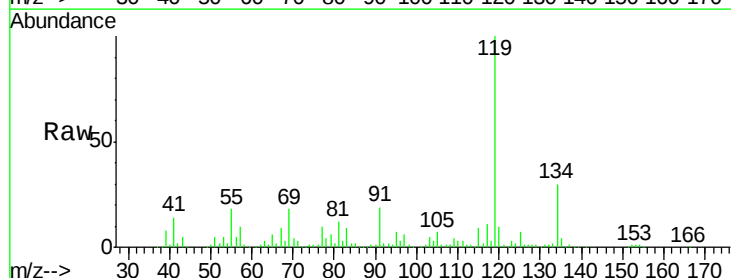
Instrument :
BNA_F
ClientSampleId :

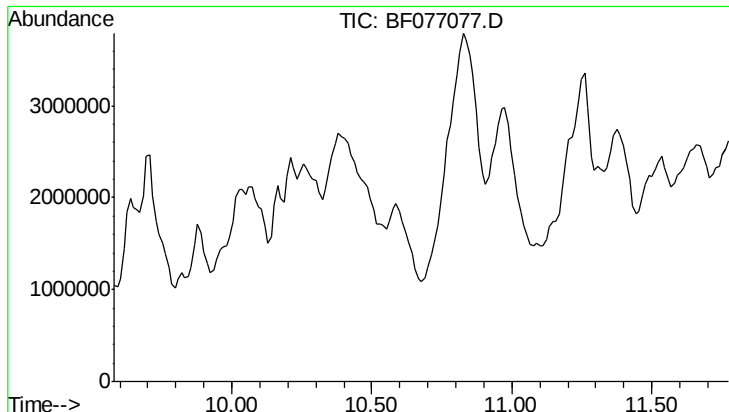
Tot Ion:	70	Resp:	7631
Ion	Ratio	Lower	Upper
70	100		
42	85.6	42.1	63.1#
101	0.0	7.8	11.8#
130	0.0	16.2	24.4#



#20
3+4-Methylphenols
Concen: 2.41 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

Tgt Ion:	107	Resp:	4696
Ion	Ratio	Lower	Upper
107	100		
108	96.8	63.5	103.5
77	1414.8	14.0	54.0#
79	815.2	9.9	49.9#

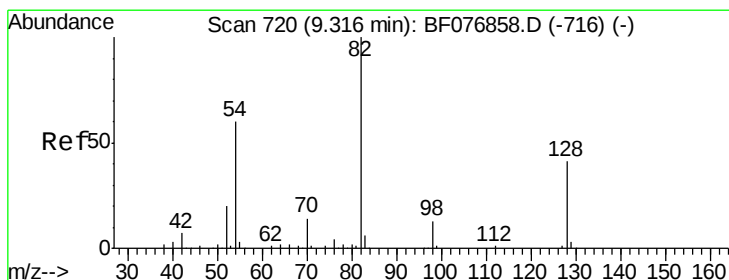
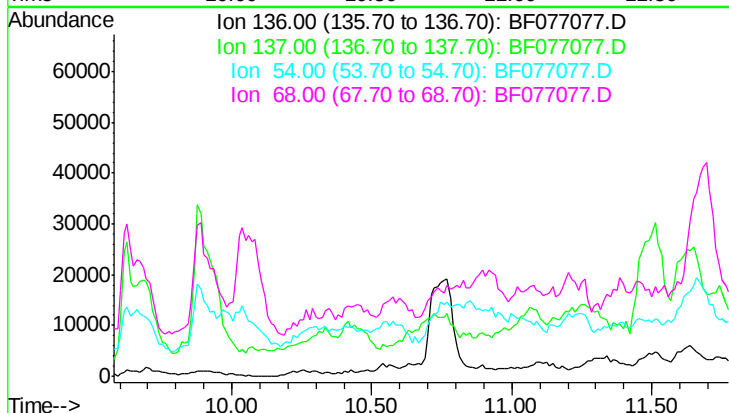




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 10.68 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

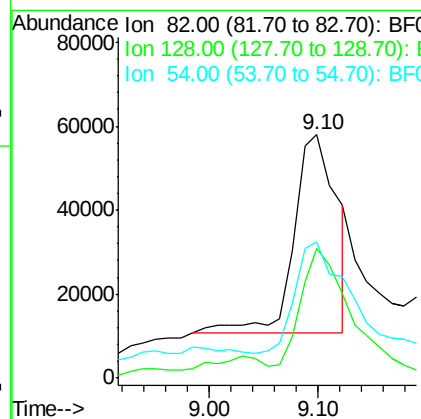
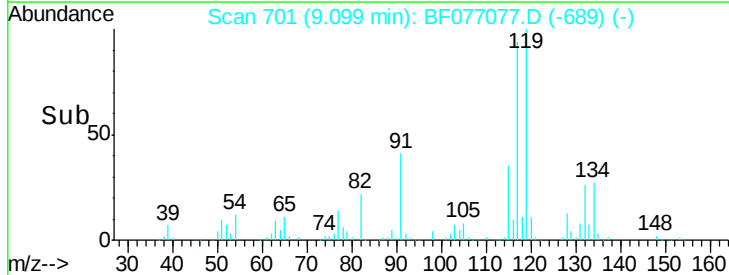
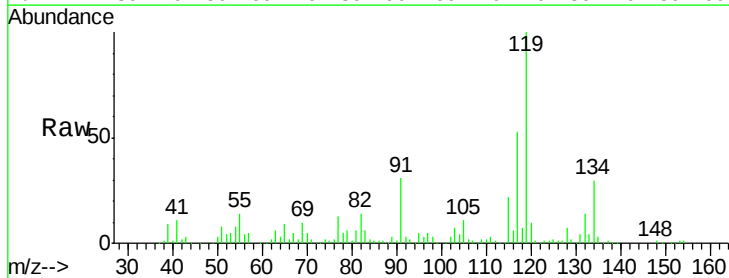
Instrument :
BNA_F
ClientSampleId :

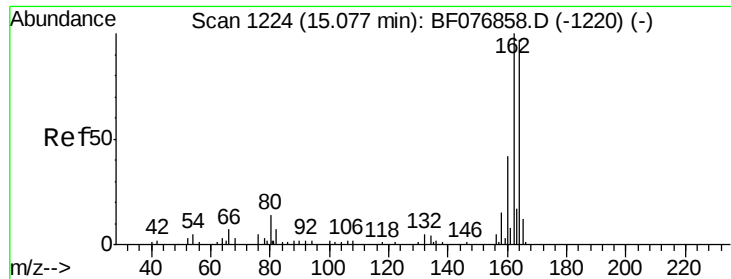
Tot Ion	136	137	54	68
Exp Ratio	100	10.1	8.7	4.6



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 9.10 min Scan# 701
Delta R.T. 0.03 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

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

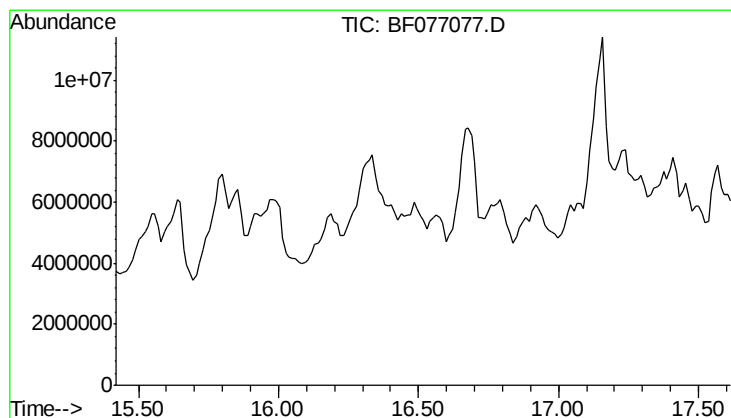
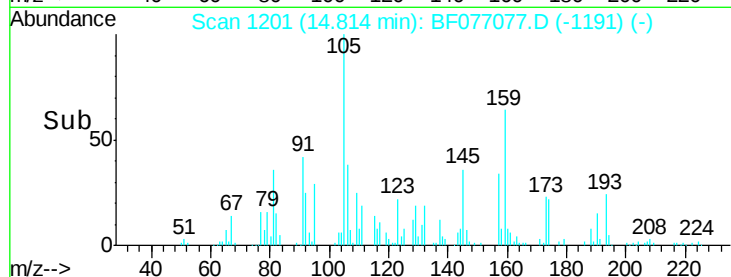
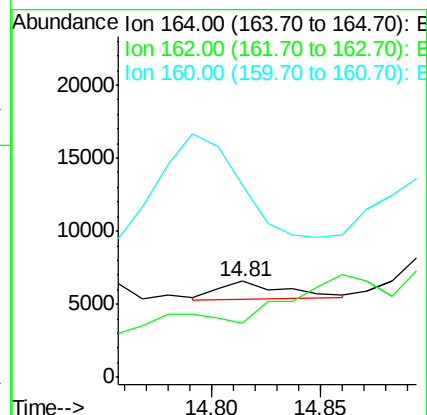
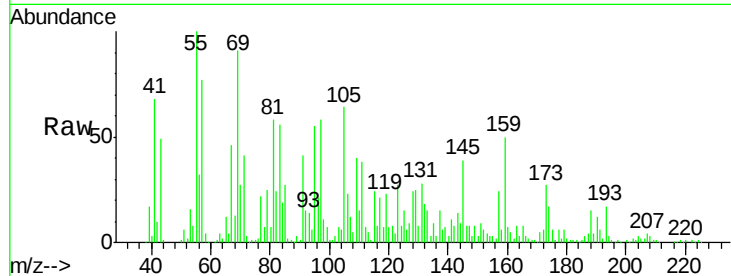
Tot Ion:164 Resp: 2576

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: 16.52 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

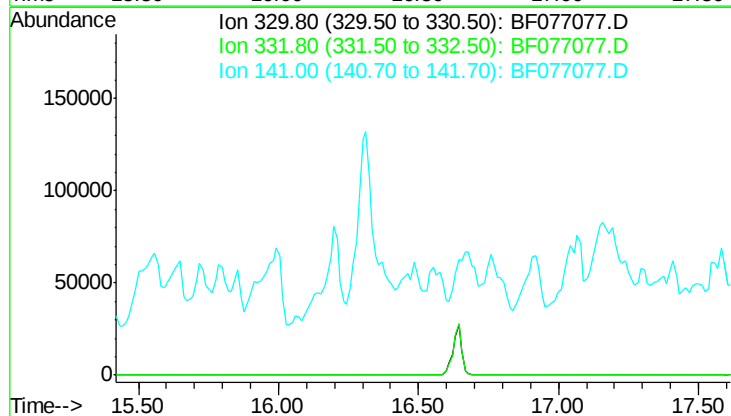
Tgt Ion: 330

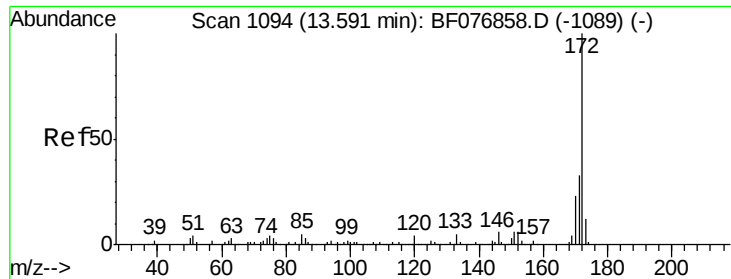
Sig Exp Ratio

330 100

332 97.2

141 48.1

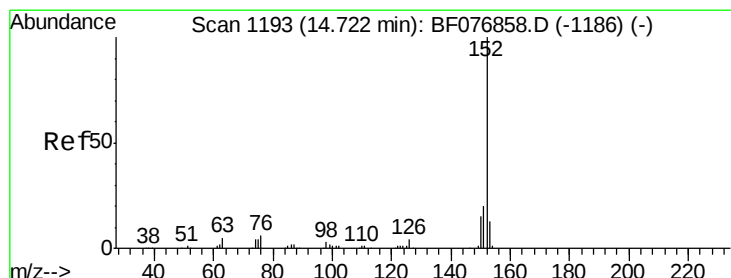
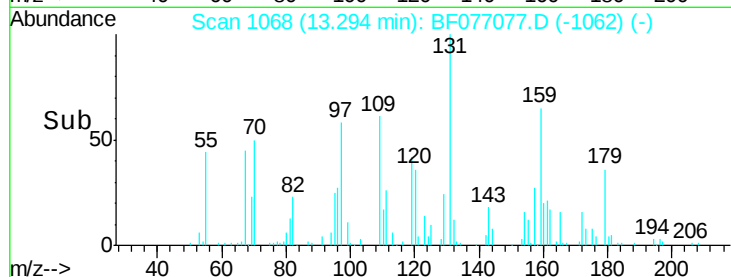
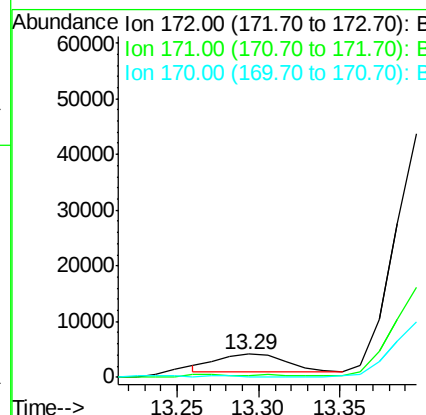
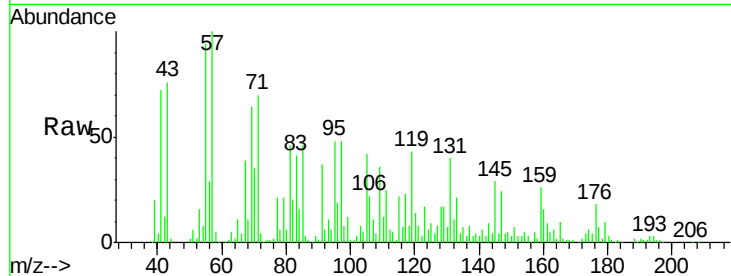




#44
2-Fluorobiphenyl
Concen: 57.49 ng
RT: 13.29 min Scan# 1068
Delta R.T. -0.03 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

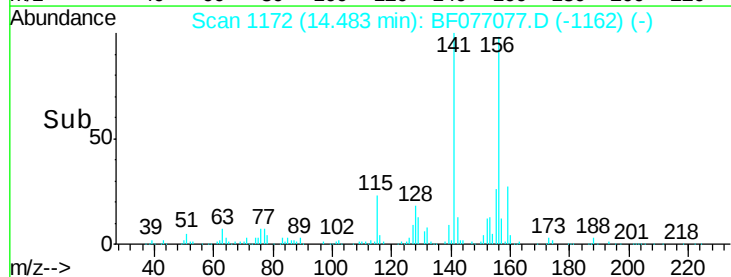
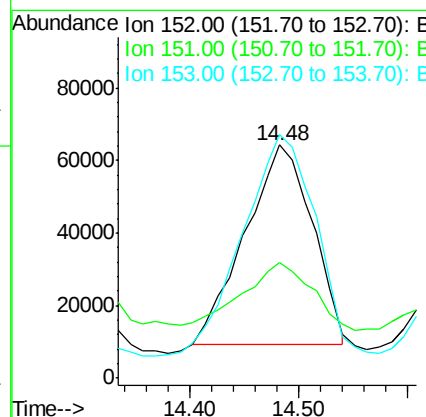
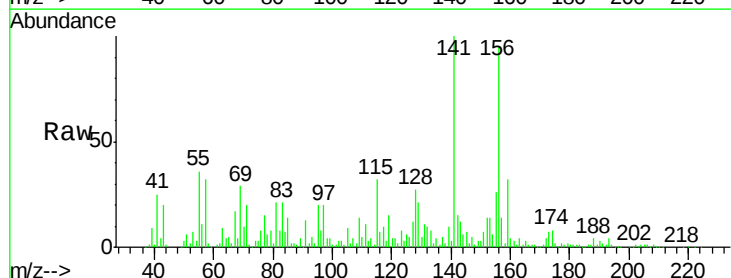
Instrument :
BNA_F
ClientSampled :

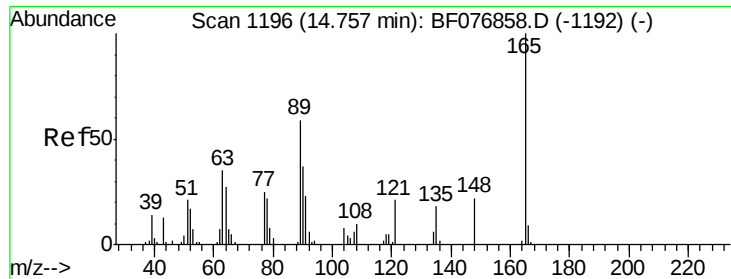
Tot Ion:172 Resp: 9731
Ion Ratio Lower Upper
172 100
171 9.8 26.6 40.0#
170 0.0 18.0 27.0#



#48
Acenaphthylene
Concen: 890.81 ng
RT: 14.48 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

Tgt Ion:152 Resp: 236131
Ion Ratio Lower Upper
152 100
151 49.6 15.9 23.9#
153 104.5 10.2 15.4#

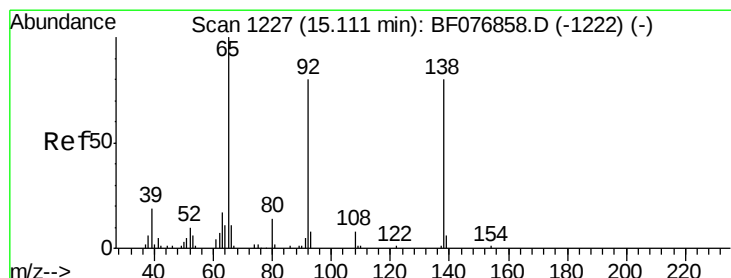
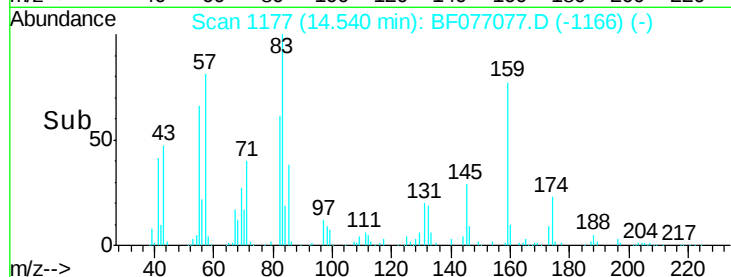
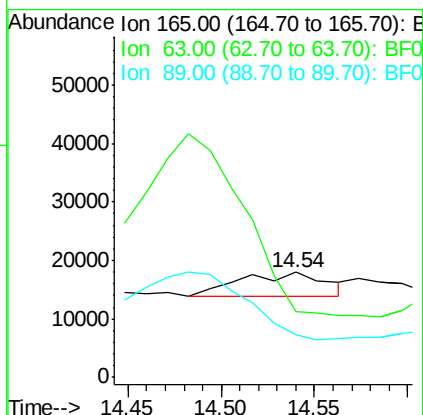
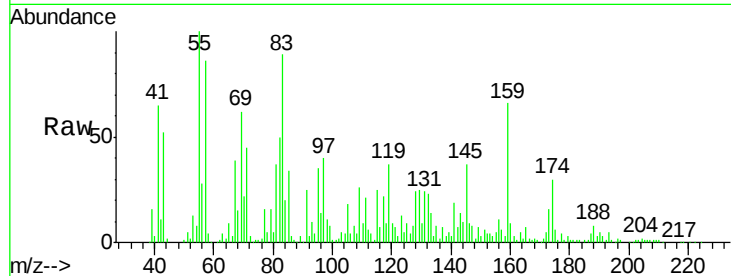




#50
 2,6-Dinitrotoluene
 Concen: 375.43 ng
 RT: 14.54 min Scan# 1177
 Delta R.T. 0.02 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

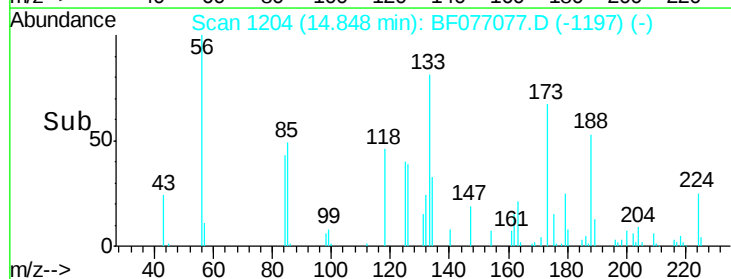
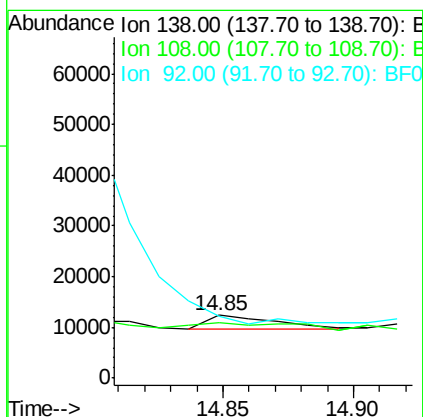
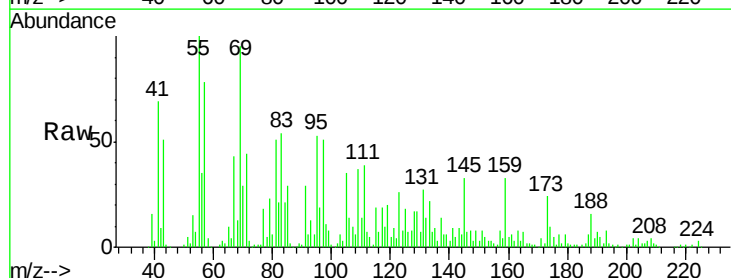
Instrument :
 BNA_F
 ClientSampleId :

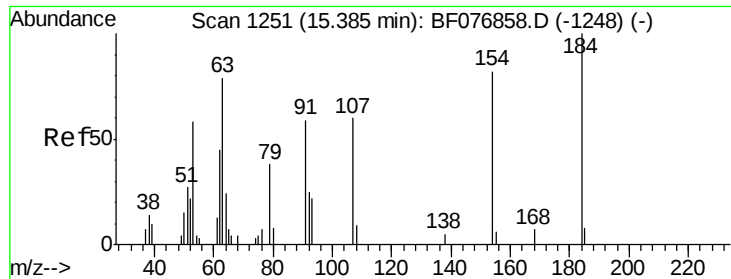
Tot Ion:165 Resp: 13703
 Ion Ratio Lower Upper
 165 100
 63 62.2 48.1 72.1
 89 40.9 47.2 70.8#



#52
 3-Nitroaniline
 Concen: 95.92 ng
 RT: 14.85 min Scan# 1204
 Delta R.T. -0.02 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

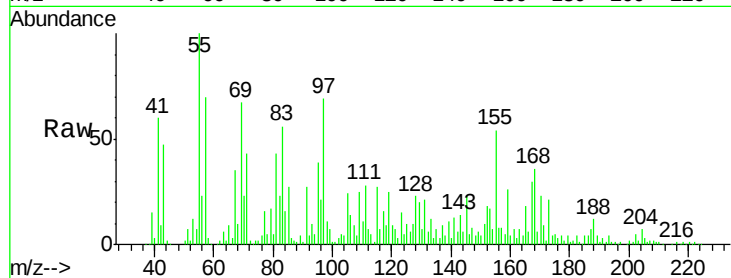




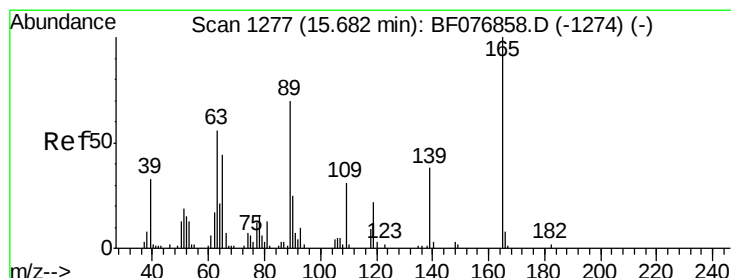
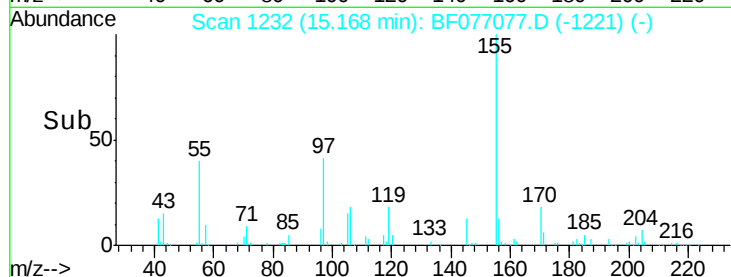
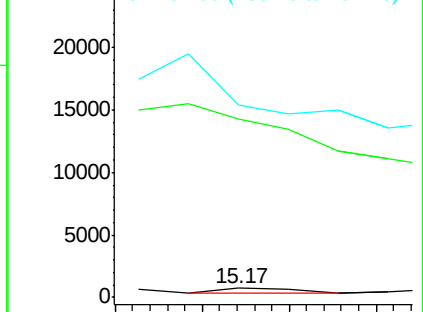
#53
2,4-Dinitrophenol
Concen: 33.52 ng
RT: 15.17 min Scan# 1232
Delta R.T. 0.02 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 437
Ion Ratio Lower Upper
184 100
63 1922.4 63.0 94.6#
154 2064.1 65.5 98.3#

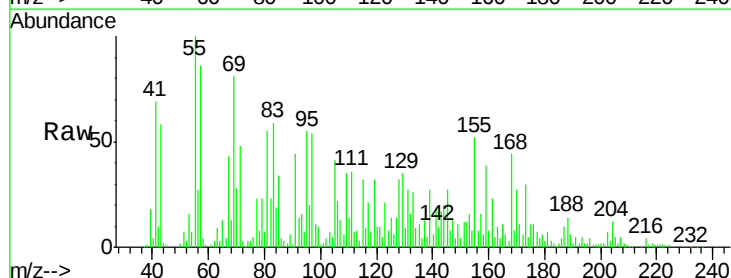


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

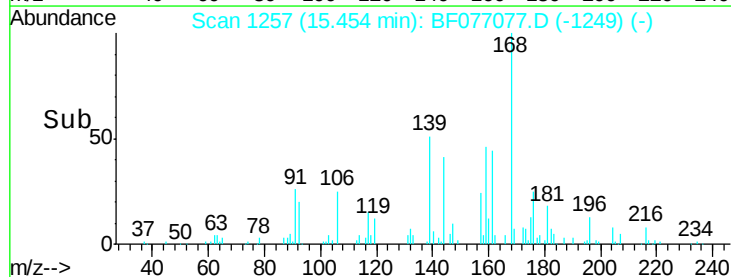
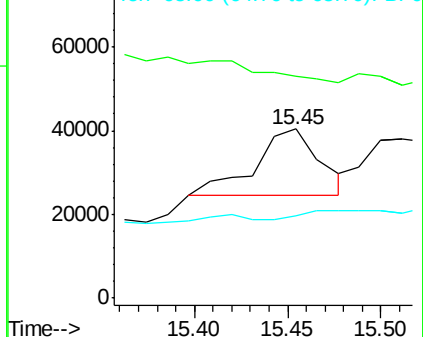


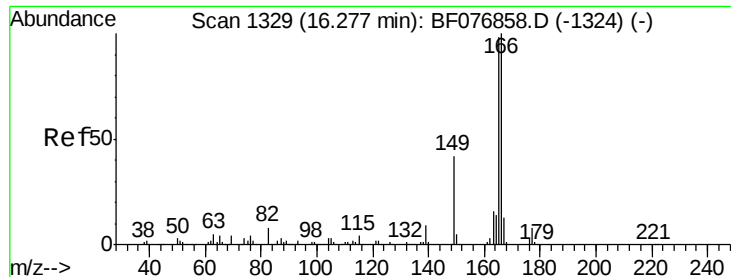
#55
4-Nitrophenol
Concen: 1317.99 ng
RT: 15.45 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

Tgt Ion:139 Resp: 37742
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

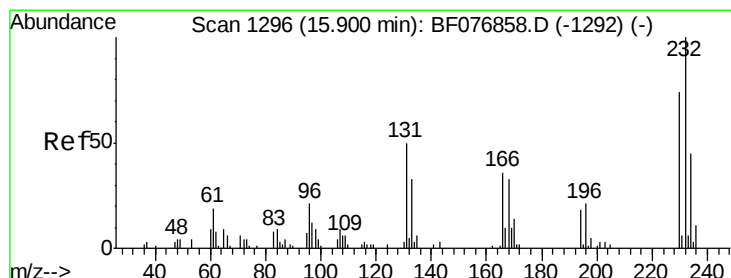
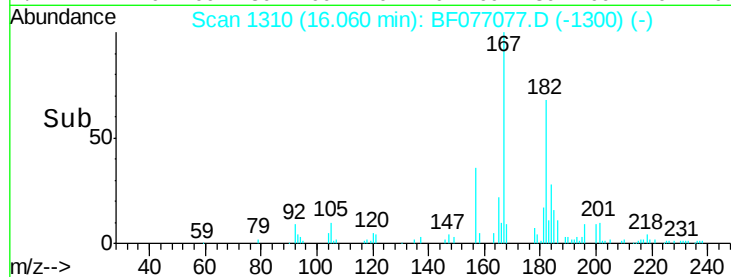
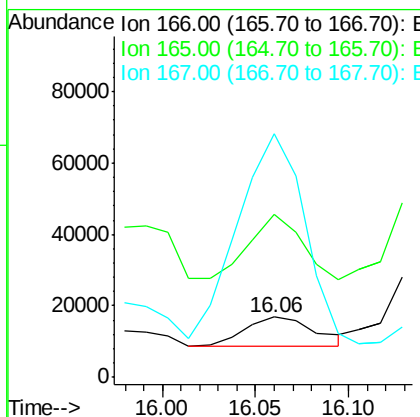
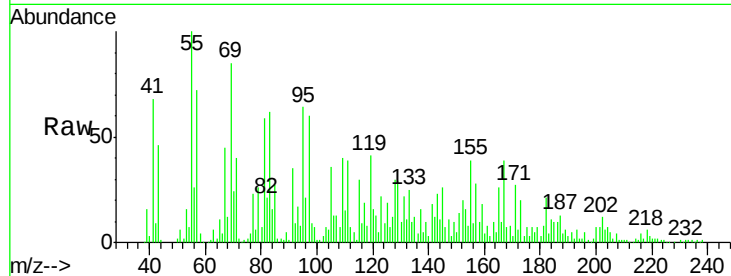




#57
 Fluorene
 Concen: 114.07 ng
 RT: 16.06 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

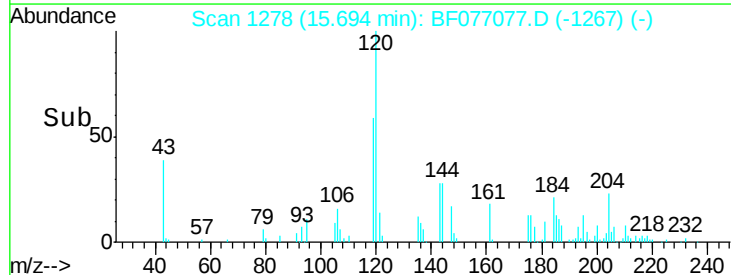
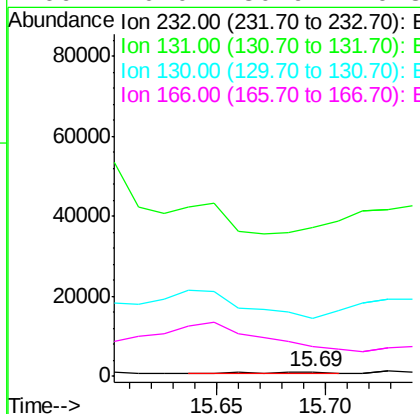
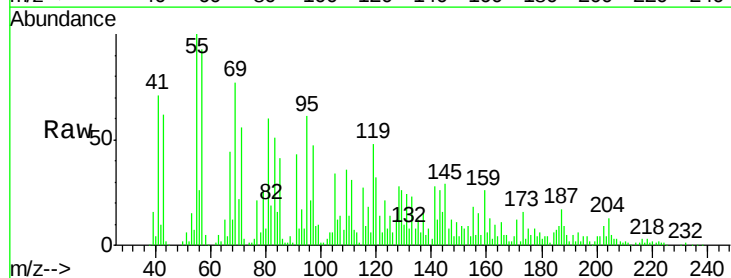
Instrument :
 BNA_F
 ClientSampled :

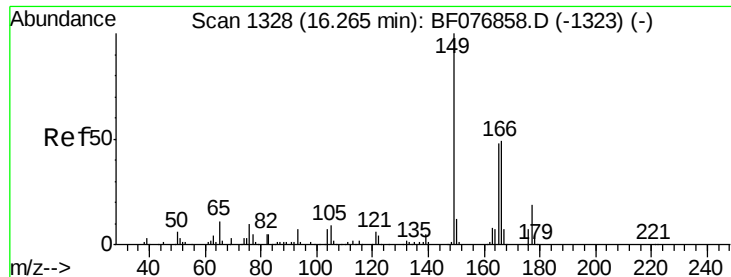
Tot Ion:166 Resp: 21174
 Ion Ratio Lower Upper
 166 100
 165 271.9 78.5 117.7#
 167 405.6 10.4 15.6#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.91 ng
 RT: 15.69 min Scan# 1278
 Delta R.T. 0.02 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#

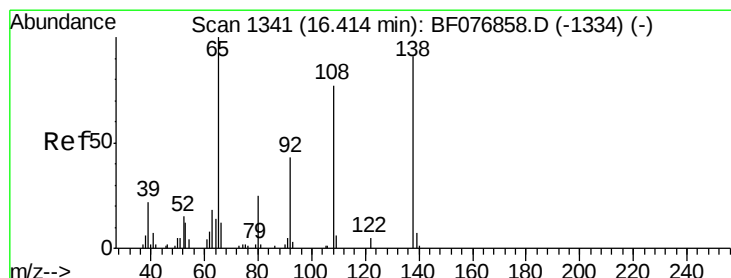
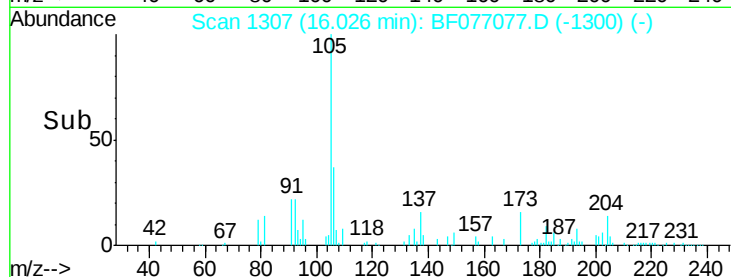
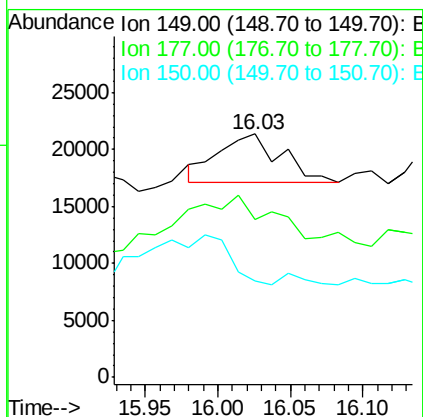
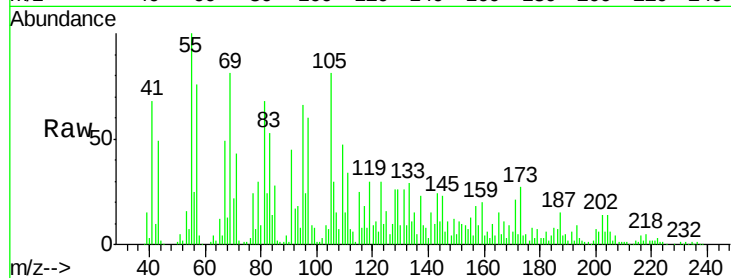




#59
Diethylphthalate
Concen: 67.12 ng
RT: 16.03 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

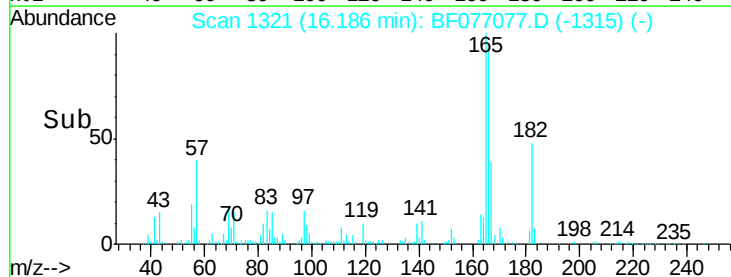
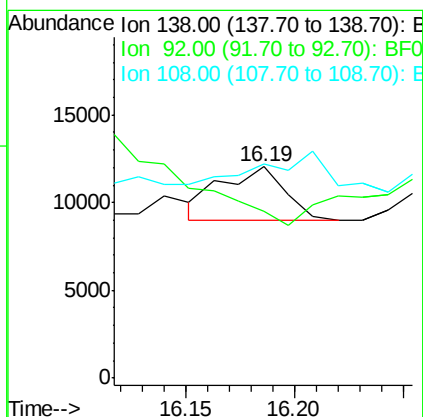
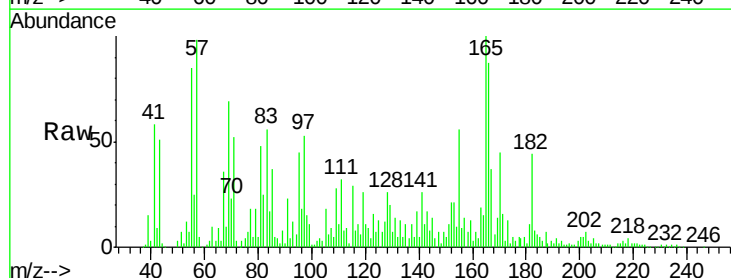
Instrument :
BNA_F
ClientSampleId :

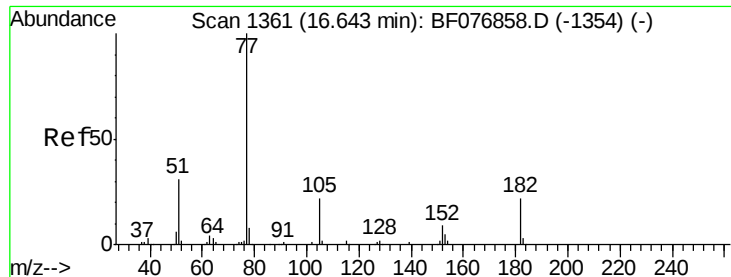
Tot Ion:149 Resp: 12393
Ion Ratio Lower Upper
149 100
177 64.6 15.0 22.6#
150 39.8 9.4 14.0#



#61
4-Nitroaniline
Concen: 133.26 ng
RT: 16.19 min Scan# 1321
Delta R.T. -0.03 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: 135.18 ng

RT: 16.48 min Scan# 1347

Delta R.T. 0.02 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 26005

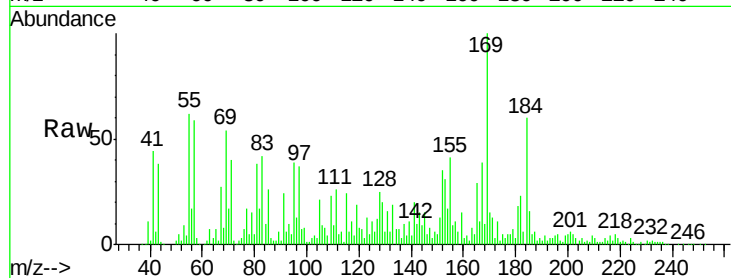
Ion Ratio Lower Upper

77 100

182 137.6 2.0 42.0#

105 124.7 2.3 42.3#

51 31.0 10.7 50.7

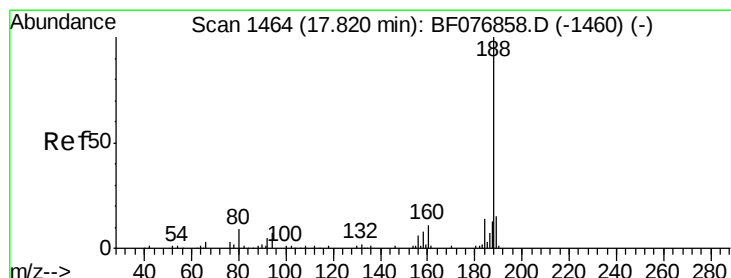
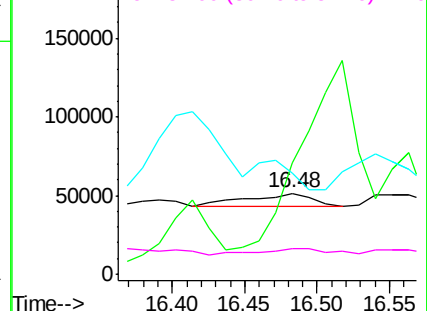
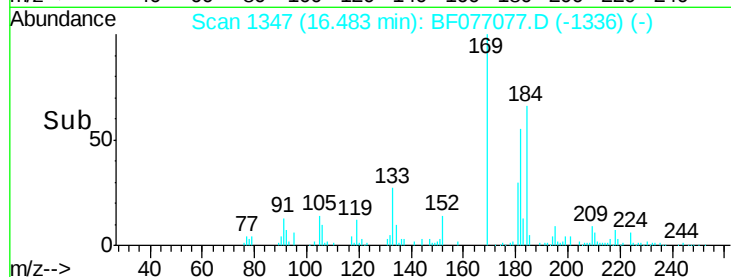


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

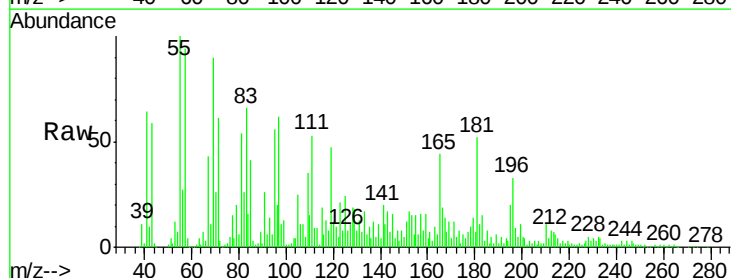
Tgt Ion: 188 Resp: 3471

Ion Ratio Lower Upper

188 100

94 351.3 6.0 9.0#

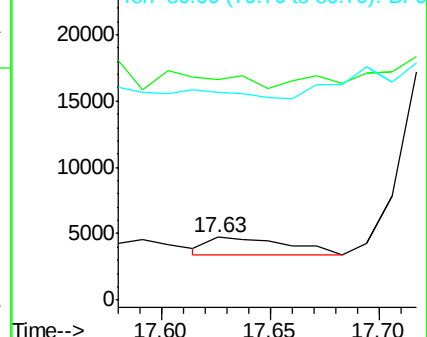
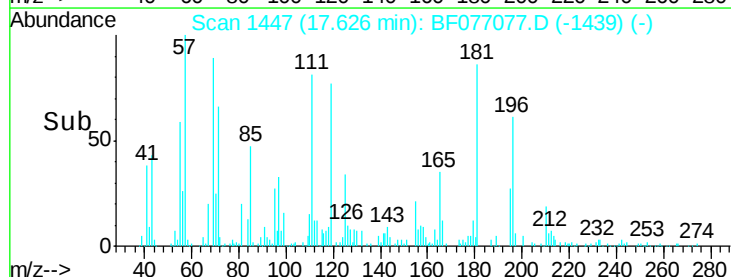
80 332.5 6.9 10.3#

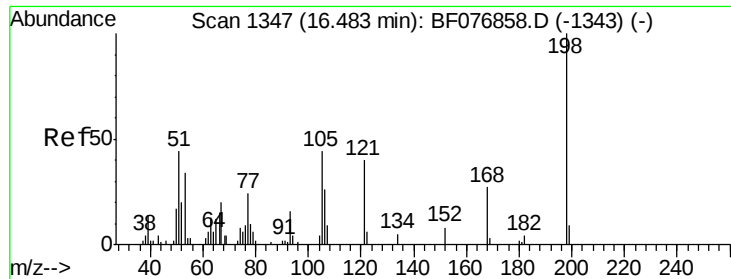


Abundance Ion 188.00 (187.70 to 188.70): E

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: 137.43 ng

RT: 16.31 min Scan# 1332

Delta R.T. 0.02 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

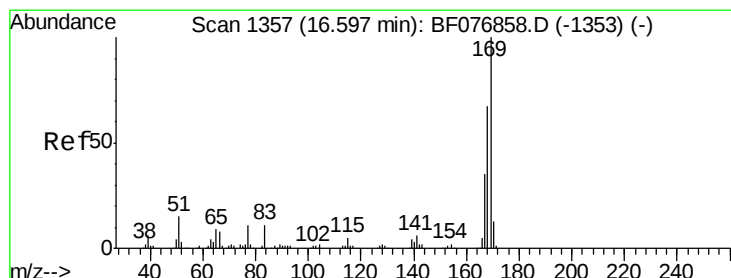
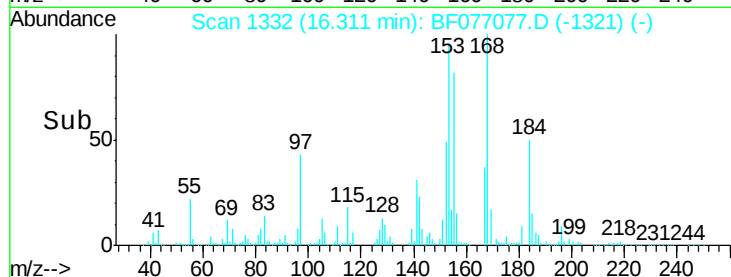
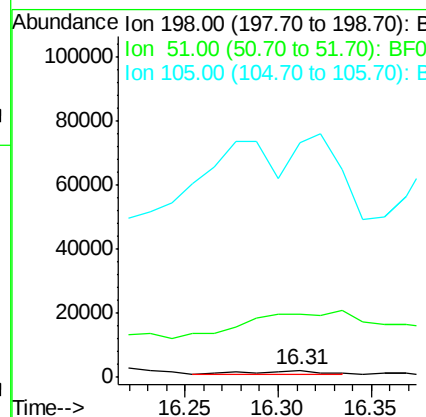
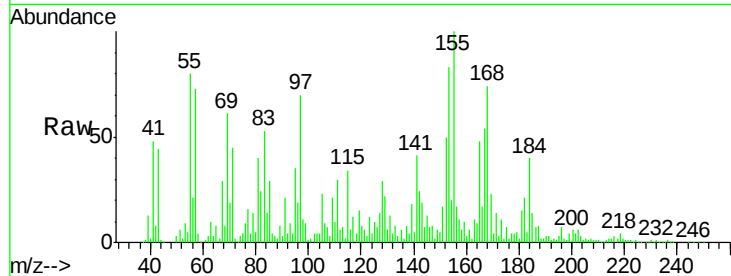
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 3213

Ion	Ratio	Lower	Upper
198	100		
51	912.8	24.2	64.2#
105	3407.0	24.0	64.0#



#65

n-Nitrosodiphenylamine

Concen: 2327.31 ng

RT: 16.36 min Scan# 1336

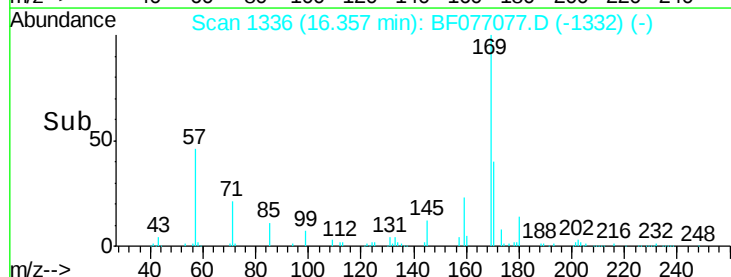
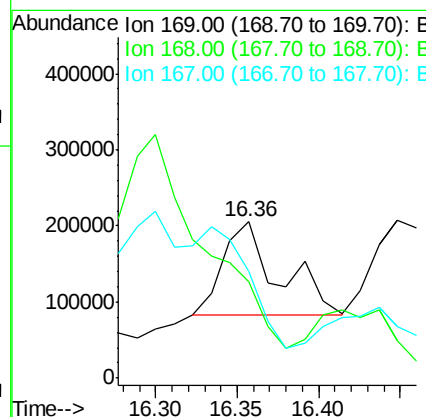
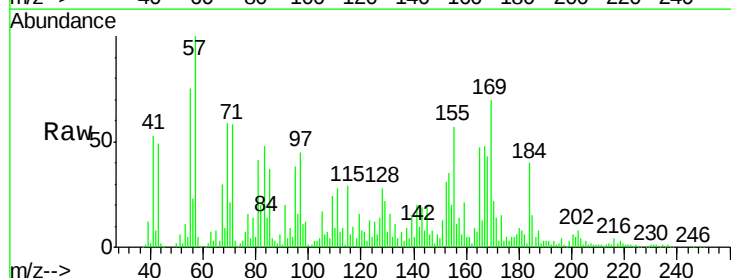
Delta R.T. -0.06 min

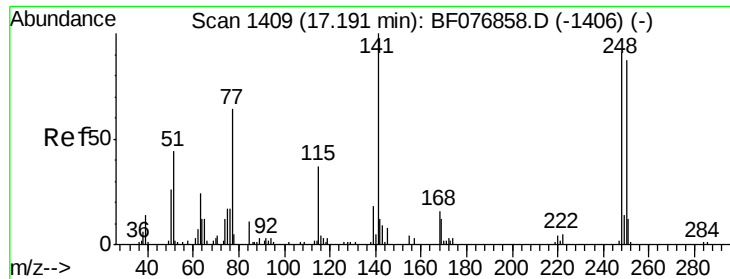
Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Tgt Ion:169 Resp: 288037

Ion	Ratio	Lower	Upper
169	100		
168	61.4	53.8	80.6
167	68.3	27.8	41.6#

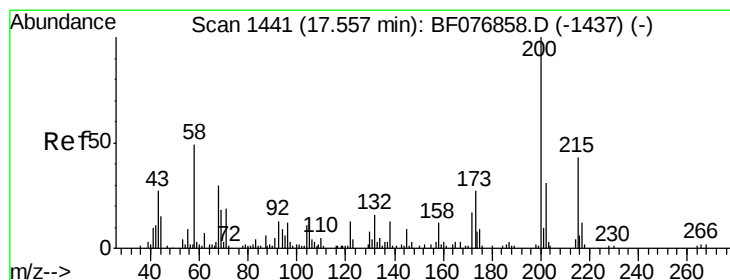
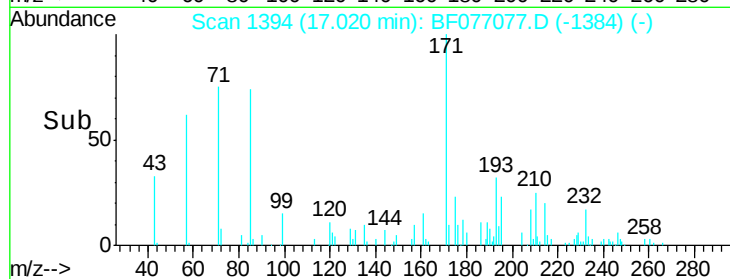
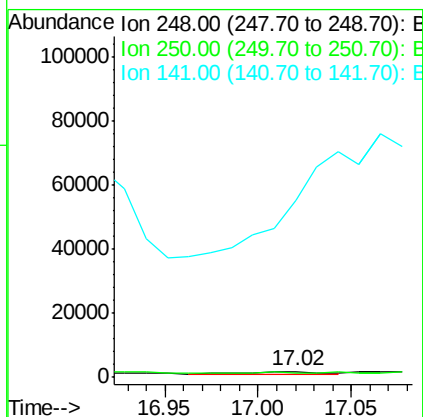
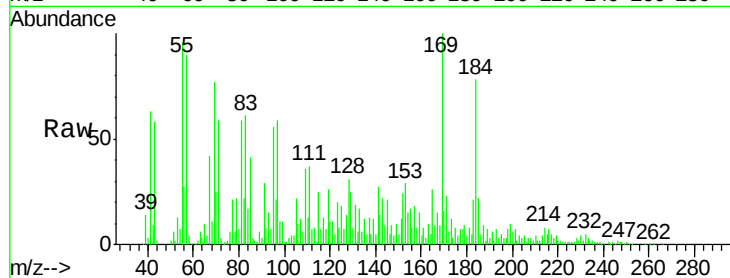




#66
4-Bromophenyl-phenylether
Concen: 63.61 ng
RT: 17.02 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

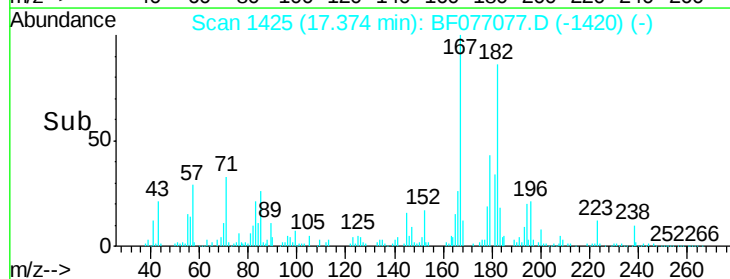
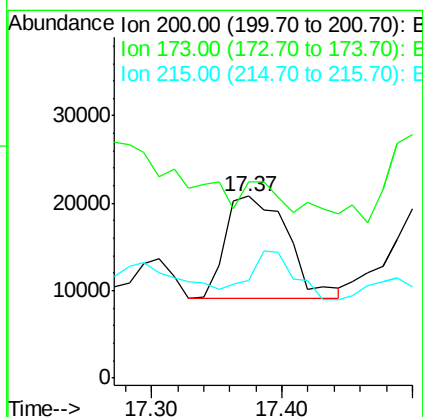
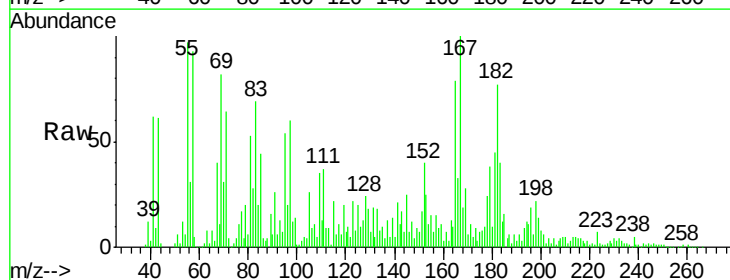
Instrument :
BNA_F
ClientSampleId :

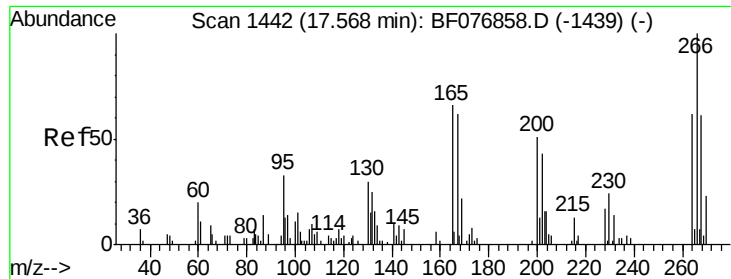
Tot Ion:248 Resp: 2237
Ion Ratio Lower Upper
248 100
250 82.0 77.1 115.7
141 3039.2 88.2 132.4#



#68
Atrazine
Concen: 1016.97 ng
RT: 17.37 min Scan# 1425
Delta R.T. -0.05 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

Tgt Ion:200 Resp: 38194
Ion Ratio Lower Upper
200 100
173 108.0 6.6 46.6#
215 54.1 22.9 62.9

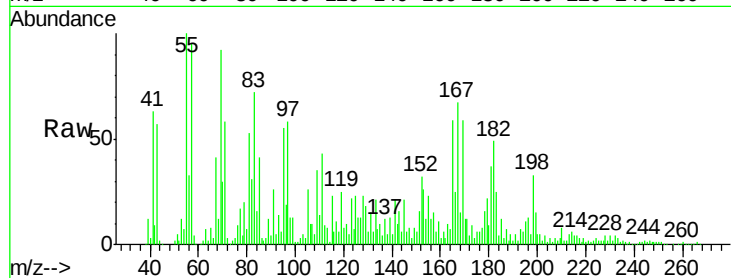




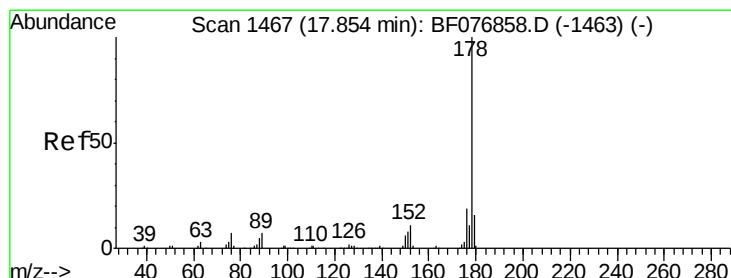
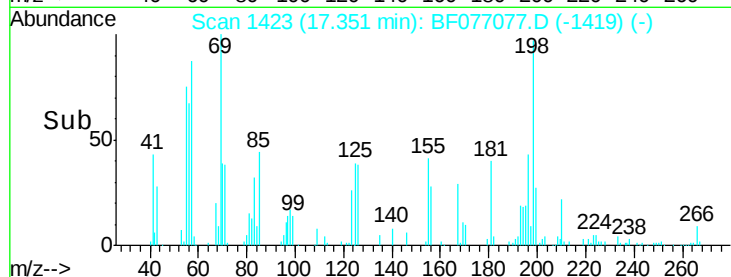
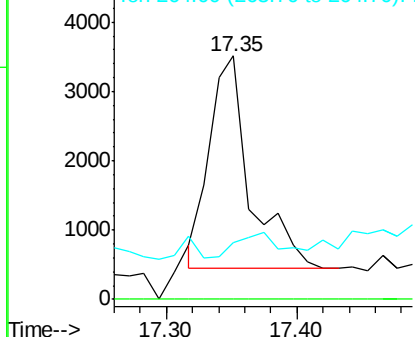
#69
 Pentachlorophenol
 Concen: 365.44 ng
 RT: 17.35 min Scan# 1423
 Delta R.T. -0.06 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 6671
 Ion Ratio Lower Upper
 266 100
 268 0.0 48.6 72.8#
 264 23.4 49.5 74.3#

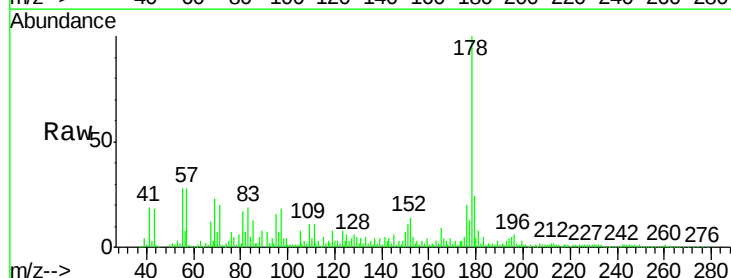


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

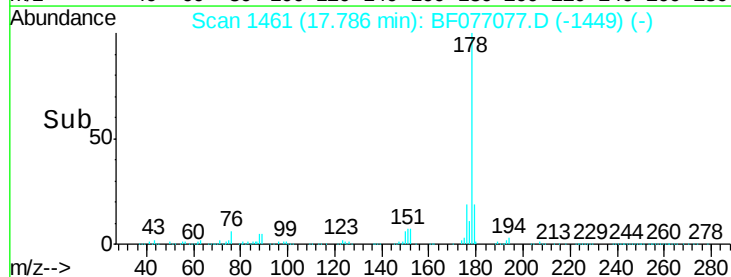
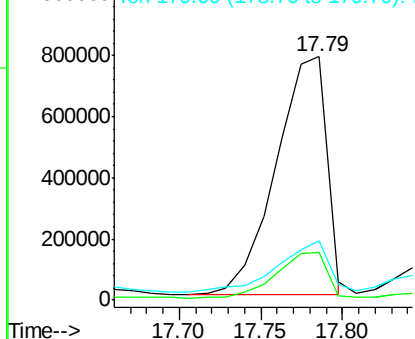


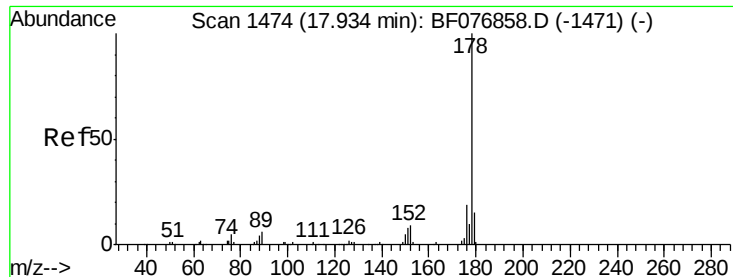
#70
 Phenanthrene
 Concen: 7816.48 ng
 RT: 17.79 min Scan# 1461
 Delta R.T. 0.03 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

Tgt Ion:178 Resp: 1691932
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.1 22.7
 179 24.2 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

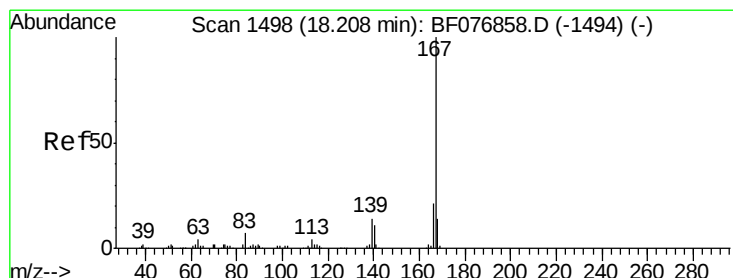
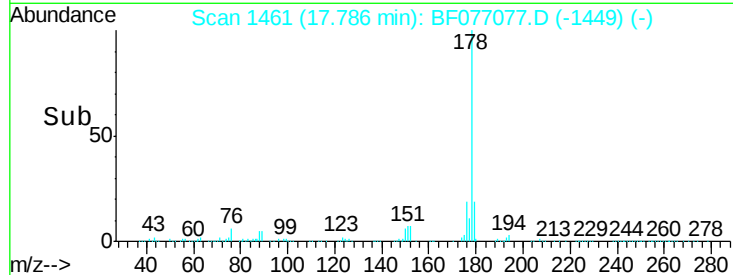
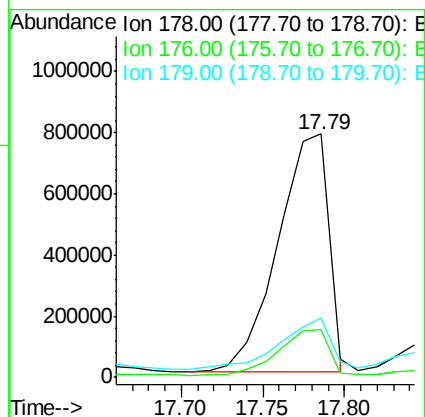
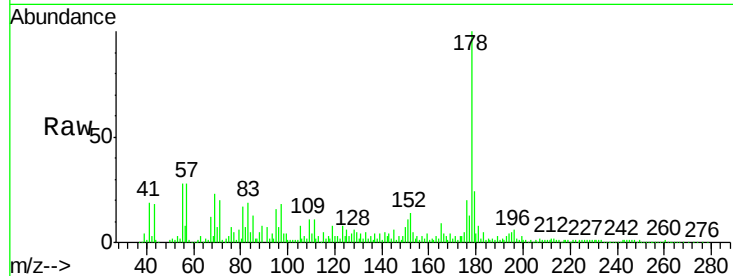




#71
 Anthracene
 Concen: 8015.60 ng
 RT: 17.79 min Scan# 1461
 Delta R.T. 0.03 min
 Lab File: BF077077.D
 Acq: 27 Jan 2015 7:07

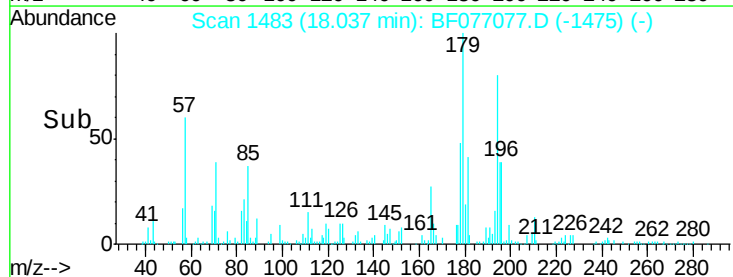
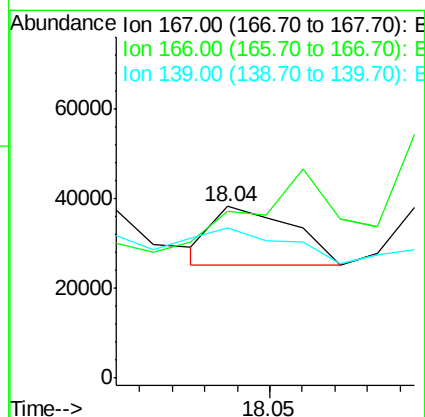
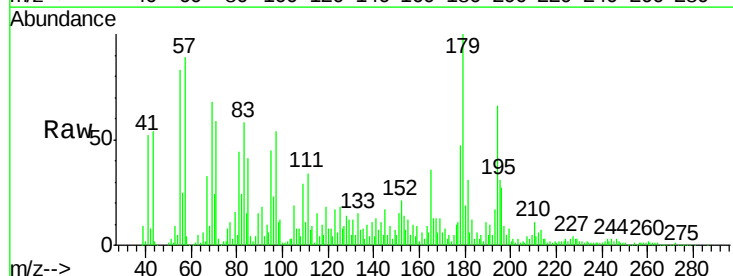
Instrument :
 BNA_F
 ClientSampleId :

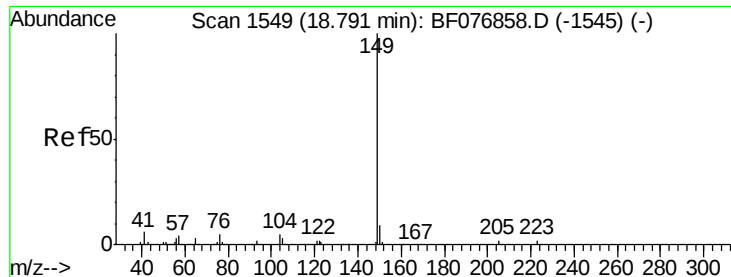
Tot Ion:178 Resp: 1691932
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 24.2 11.9 17.9#



#72
 Carbazole
 Concen: 107.75 ng
 RT: 18.04 min Scan# 1483
 Delta R.T. -0.01 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. -0.01 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampleId :

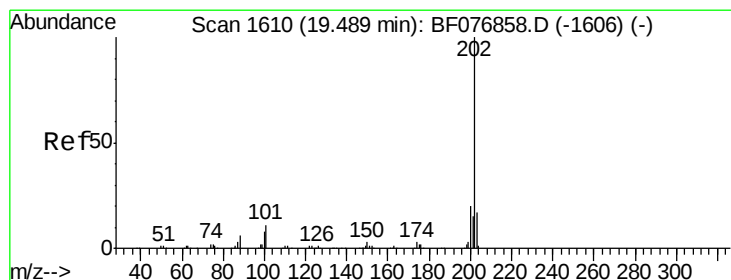
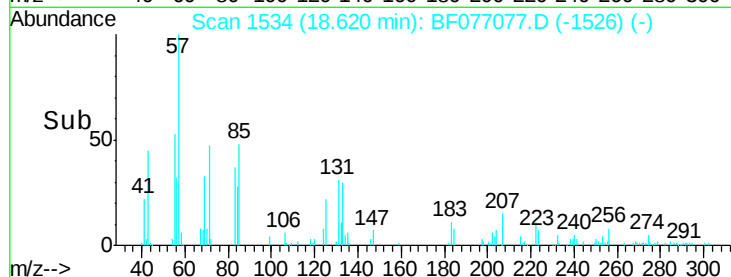
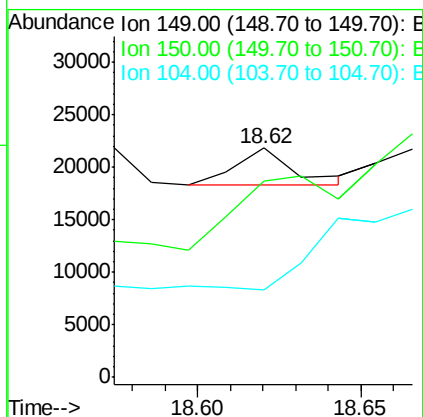
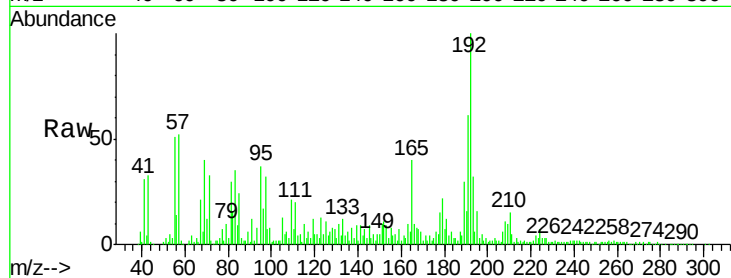
Tot Ion:149 Resp: 4241

Ion Ratio Lower Upper

149 100

150 85.5 6.9 10.3#

104 38.0 3.7 5.5#



#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

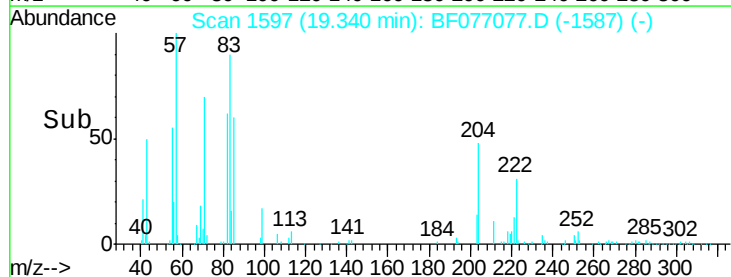
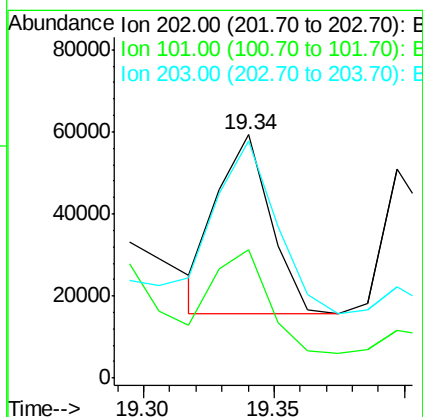
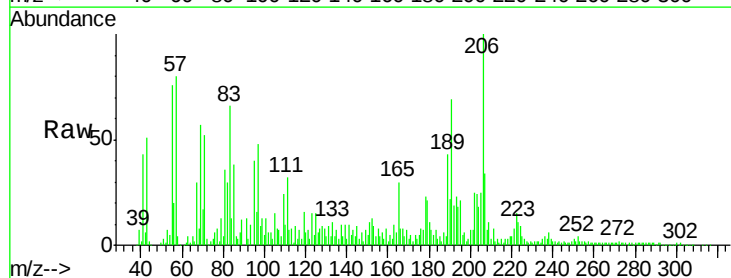
Tgt Ion:202 Resp: 62358

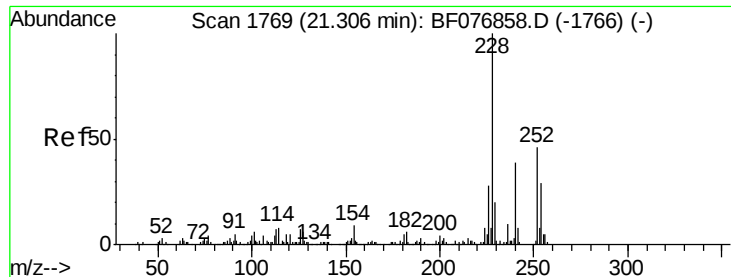
Ion Ratio Lower Upper

202 100

101 52.9 0.0 30.7#

203 97.4 0.0 36.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.17 min Scan# 1757

Delta R.T. 0.03 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampleId :

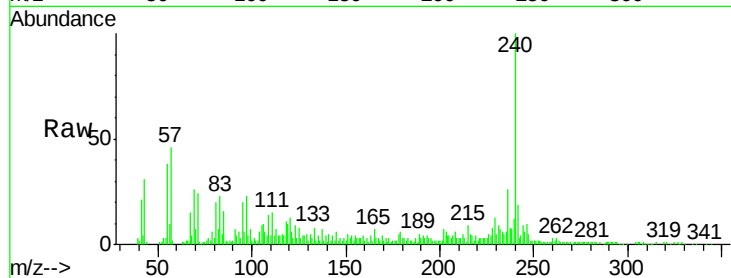
Tot Ion:240 Resp: 81583

Ion Ratio Lower Upper

240 100

120 13.4 10.4 15.6

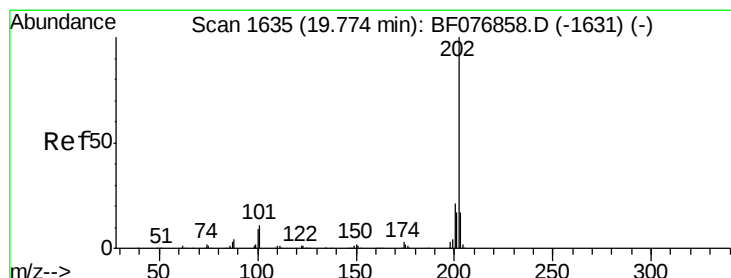
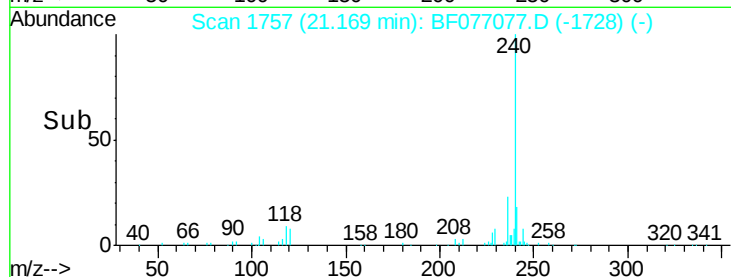
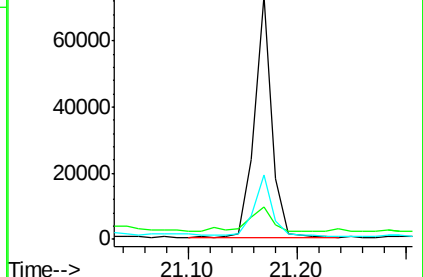
236 26.4 20.2 30.2



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



#77

Pyrene

Concen: 65.93 ng

RT: 19.67 min Scan# 1626

Delta R.T. 0.07 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

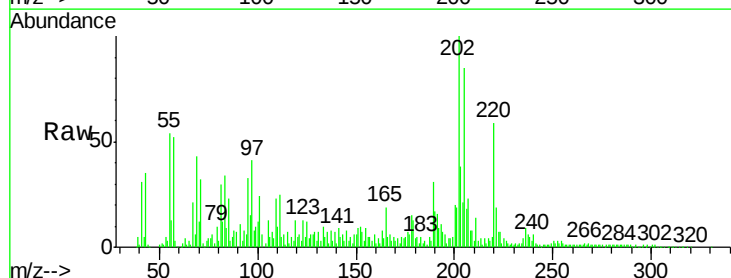
Tgt Ion:202 Resp: 368638

Ion Ratio Lower Upper

202 100

200 19.7 16.7 25.1

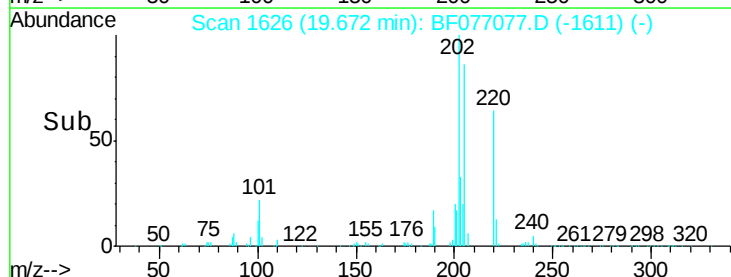
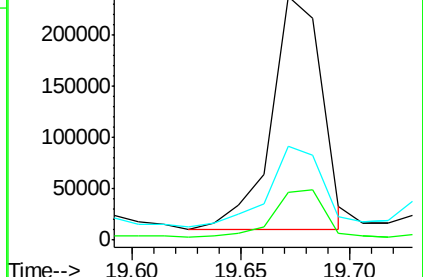
203 38.5 14.0 21.0#

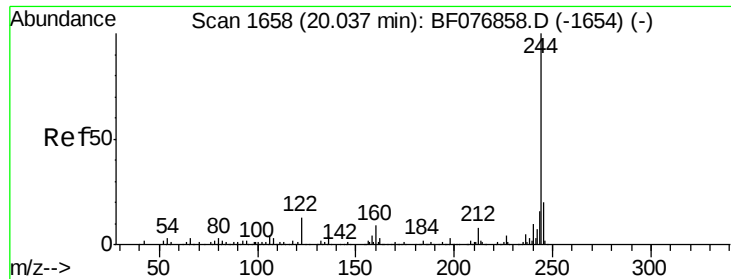


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.92 ng

RT: 19.93 min Scan# 1649

Delta R.T. 0.06 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

Instrument :

BNA_F

ClientSampleId :

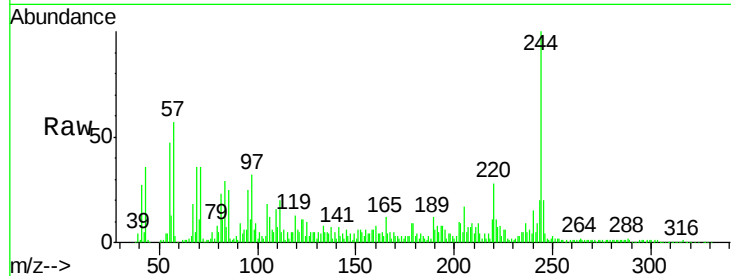
Tot Ion:244 Resp: 311552

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

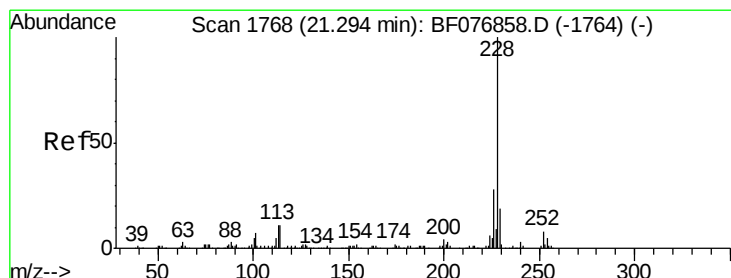
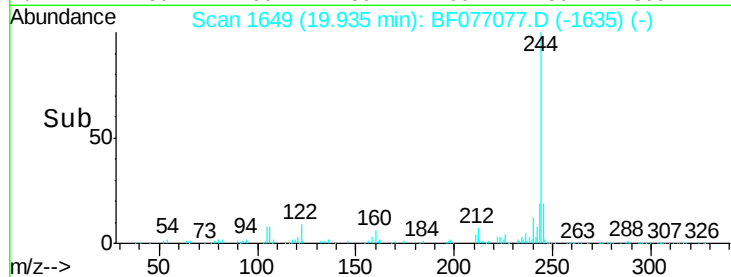
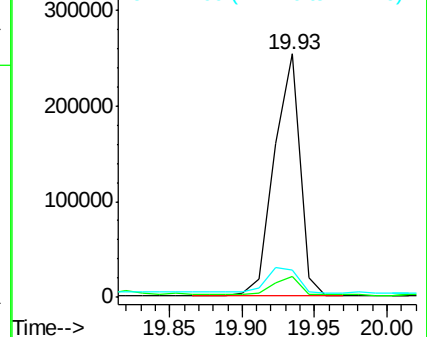
122 11.3 10.1 15.1



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: 6.67 ng

RT: 21.20 min Scan# 1760

Delta R.T. 0.07 min

Lab File: BF077077.D

Acq: 27 Jan 2015 7:07

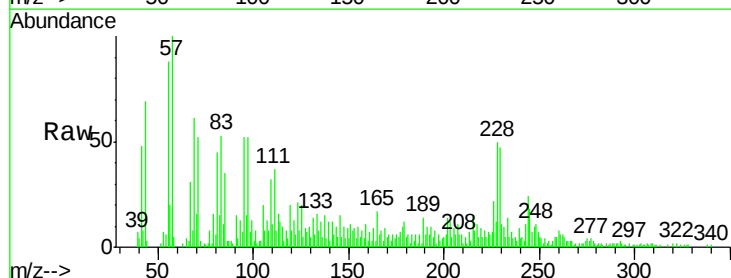
Tgt Ion:228 Resp: 34120

Ion Ratio Lower Upper

228 100

226 43.1 22.1 33.1#

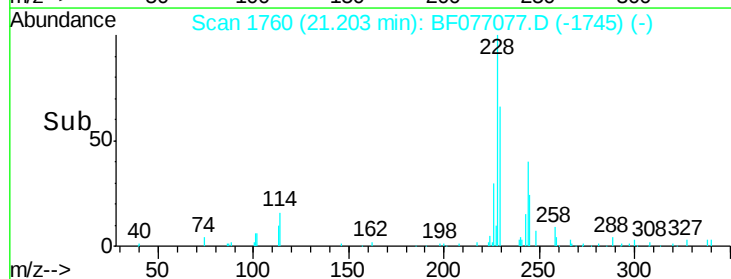
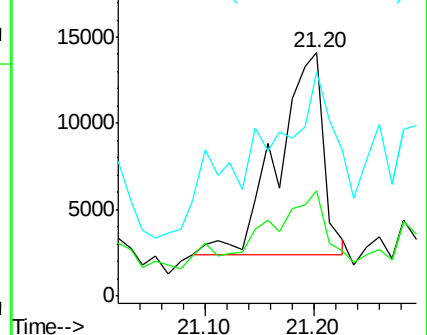
229 92.2 15.5 23.3#

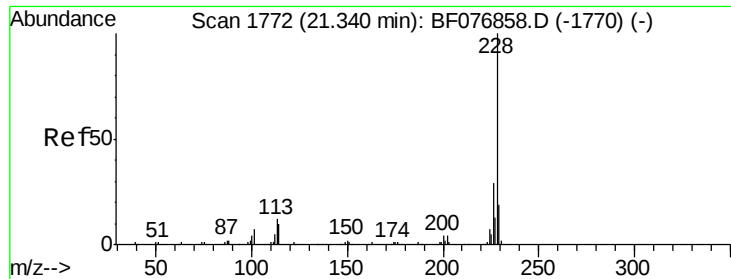


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

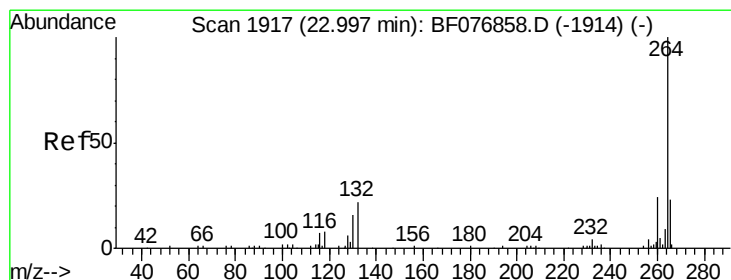
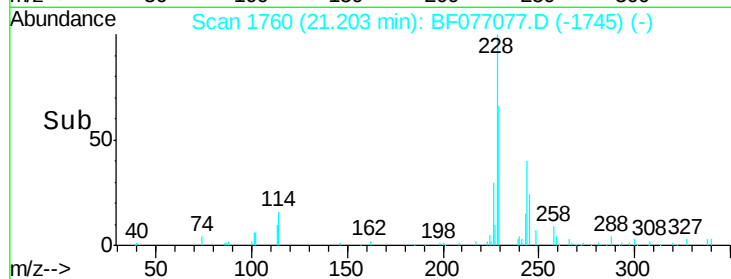
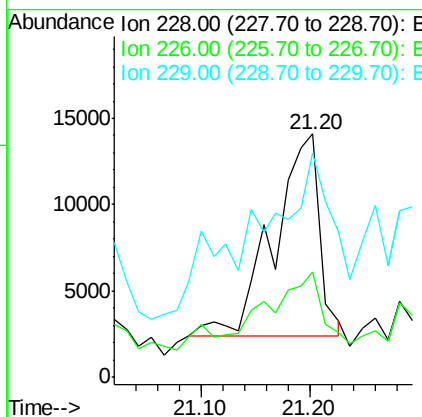
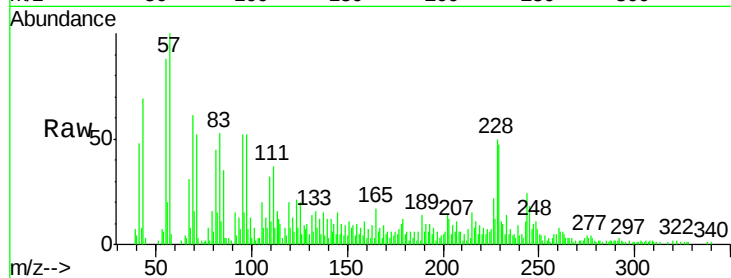




#82
Chrysene
Concen: 7.31 ng
RT: 21.20 min Scan# 1760
Delta R.T. 0.07 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

Instrument :
BNA_F
ClientSampled :

Tot 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. 0.02 min
Lab File: BF077077.D
Acq: 27 Jan 2015 7:07

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

