

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
 Data File : BF076912.D
 Acq On : 16 Jan 2015 17:05
 Operator : IZ / TP
 Sample : PB81350BS
 Misc : W
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81350BS

Quant Time: Jan 19 09:51:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 16 21:57:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	39870	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	177841	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	104220	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	174537	20.00	ng	0.00
75) Chrysene-d12	21.27	240	163447	20.00	ng	0.00
86) Perylene-d12	22.95	264	138209	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.04	112	244641	100.88	ng	0.00
7) Phenol-d6	7.37	99	300368	98.19	ng	0.00
23) Nitrobenzene-d5	9.27	82	184250	57.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.69	330	78354	92.62	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	392433	57.30	ng	0.00
78) Terphenyl-d14	20.00	244	405821	57.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.30	88	24909	23.99	ng	98
3) Pyridine	1.80	79	67328	25.06	ng	88
4) n-Nitrosodimethylamine	1.75	42	32298	24.27	ng	# 97
6) Aniline	7.26	93	75929	17.94	ng	100
8) 2-Chlorophenol	7.50	128	83792	29.97	ng	95
9) Benzaldehyde	6.98	77	25903	12.88	ng	90
10) Phenol	7.40	94	97211	29.93	ng	94
11) bis(2-Chloroethyl)ether	7.51	93	75301	29.63	ng	89
12) 1,3-Dichlorobenzene	7.82	146	88741	27.90	ng	94
13) 1,4-Dichlorobenzene	8.01	146	88725	26.31	ng	100
14) 1,2-Dichlorobenzene	8.32	146	89270	28.73	ng	98
15) Benzyl Alcohol	8.40	79	72930	29.46	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.76	45	100539	29.43	ng	87
17) 2-Methylphenol	8.74	107	64816	28.37	ng	97
18) Hexachloroethane	9.08	117	33397	28.47	ng	92
19) n-Nitroso-di-n-propylamine	9.03	70	60184	28.11	ng	93
20) 3+4-Methylphenols	9.12	107	85619	28.30	ng	96
22) Acetophenone	8.96	105	122321	28.08	ng	98
24) Nitrobenzene	9.32	77	91342	27.93	ng	97
25) Isophorone	9.91	82	160588	27.47	ng	# 94
26) 2-Nitrophenol	10.05	139	41786	25.80	ng	# 83
27) 2,4-Dimethylphenol	10.32	122	75110	29.70	ng	98
28) bis(2-Chloroethoxy)methane	10.54	93	98856	29.75	ng	98
29) 2,4-Dichlorophenol	10.65	162	73882	31.35	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	72727	27.78	ng	96
31) Naphthalene	10.93	128	244620	26.72	ng	100
32) Benzoic acid	10.68	122	41324m	29.50	ng	
33) 4-Chloroaniline	11.17	127	50884	13.75	ng	98
34) Hexachlorobutadiene	11.29	225	42209	27.17	ng	95
35) Caprolactam	12.00	113	20545m	29.61	ng	
36) 4-Chloro-3-methylphenol	12.46	107	79663	29.52	ng	95
37) 2-Methylnaphthalene	12.58	142	176951	28.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	70077	27.20	ng	98
40) Hexachlorocyclopentadiene	12.97	237	75502	55.89	ng	96

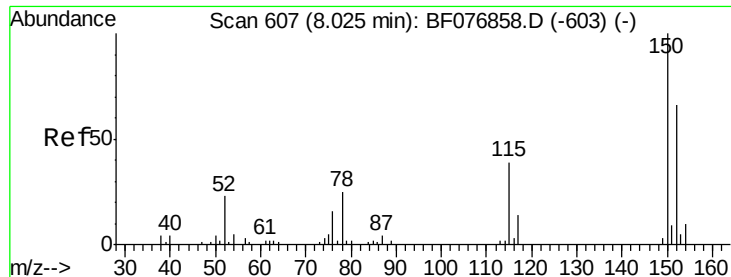
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
 Data File : BF076912.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	49643	26.44	nq	100
43) 2,4,5-Trichlorophenol	13.42	196	49998	26.11	nq	98
45) 1,1'-Biphenyl	13.74	154	216663	28.04	nq	97
46) 2-Chloronaphthalene	13.72	162	173269	27.25	nq	96
47) 2-Nitroaniline	14.05	65	53216	27.59	nq	93
48) Acenaphthylene	14.67	152	280135	26.12	nq	99
49) Dimethylphthalate	14.61	163	206754	27.97	nq	98
50) 2,6-Dinitrotoluene	14.70	165	42230	28.60	nq	92
51) Acenaphthene	15.09	154	154879	25.45	nq	99
52) 3-Nitroaniline	15.04	138	33278	18.42	nq	82
53) 2,4-Dinitrophenol	15.33	184	35959	56.02	nq	99
54) Dibenzofuran	15.51	168	244480	27.58	nq	98
55) 4-Nitrophenol	15.63	139	66175	57.12	nq	98
56) 2,4-Dinitrotoluene	15.63	165	59214	27.68	nq	# 73
57) Fluorene	16.23	166	195884	26.08	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.84	232	38333	27.49	nq	94
59) Diethylphthalate	16.22	149	214509	28.72	nq	98
60) 4-Chlorophenyl-phenylether	16.31	204	86132	28.03	nq	95
61) 4-Nitroaniline	16.36	138	42296	23.47	nq	92
62) Azobenzene	16.60	77	216596	27.83	nq	98
64) 4,6-Dinitro-2-methylphenol	16.44	198	28286	26.79	nq	96
65) n-Nitrosodiphenylamine	16.55	169	168035	27.00	nq	98
66) 4-Bromophenyl-phenylether	17.16	248	49375	27.92	nq	# 85
67) Hexachlorobenzene	17.17	284	51677	27.73	nq	# 85
68) Atrazine	17.52	200	59722	31.62	nq	93
69) Pentachlorophenol	17.53	266	48898	59.18	nq	96
70) Phenanthrene	17.81	178	286703	26.34	nq	100
71) Anthracene	17.89	178	288803	27.21	nq	99
72) Carbazole	18.17	167	284028	27.59	nq	97
73) Di-n-butylphthalate	18.76	149	344926	28.95	nq	98
74) Fluoranthene	19.45	202	300602	26.95	nq	98
76) Benzidine	19.68	184	144779	27.68	nq	99
77) Pyrene	19.74	202	302233	26.98	nq	98
79) Butylbenzylphthalate	20.67	149	148527	29.28	nq	98
80) Benzo(a)anthracene	21.26	228	262659	25.61	nq	98
81) 3,3'-Dichlorobenzidine	21.27	252	52881	16.23	nq	# 97
82) Chrysene	21.31	228	251722	26.92	nq	99
83) Bis(2-ethylhexyl)phthalate	21.40	149	201035	28.64	nq	# 97
84) Di-n-octyl phthalate	22.17	149	339659	27.88	nq	98
85) Indeno(1,2,3-cd)pyrene	24.11	276	248334	25.06	nq	# 84
87) Benzo(b)fluoranthene	22.53	252	289067	31.05	nq	98
88) Benzo(k)fluoranthene	22.56	252	184040m	22.63	nq	
89) Benzo(a)pyrene	22.89	252	228743	27.86	nq	99
90) Dibenzo(a,h)anthracene	24.13	278	201194	26.71	nq	# 94
91) Benzo(g,h,i)perylene	24.40	276	206502	27.57	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.98 min Scan# 603

Delta R.T. -0.00 min

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ClientSampleId :

PB81350BS

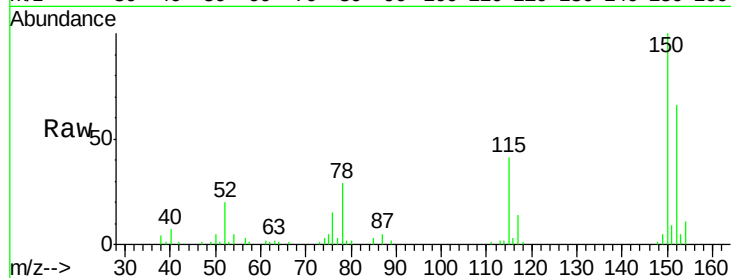
Tot Ion:152 Resp: 39870

Ion Ratio Lower Upper

152 100

150 151.7 121.7 182.5

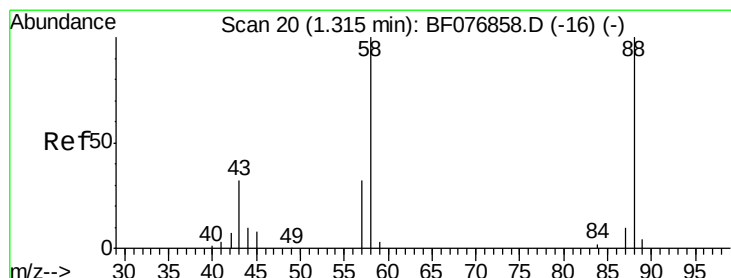
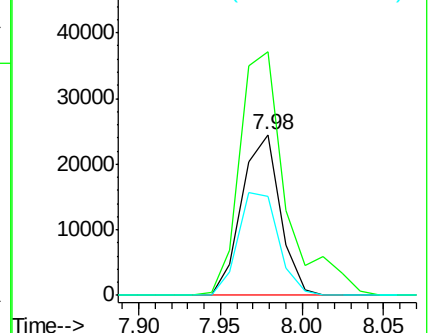
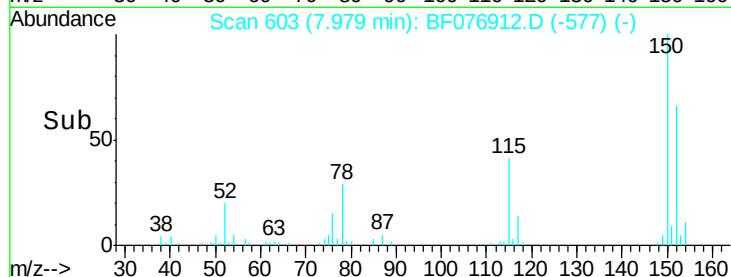
115 61.8 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 23.99 ng

RT: 1.30 min Scan# 19

Delta R.T. 0.02 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

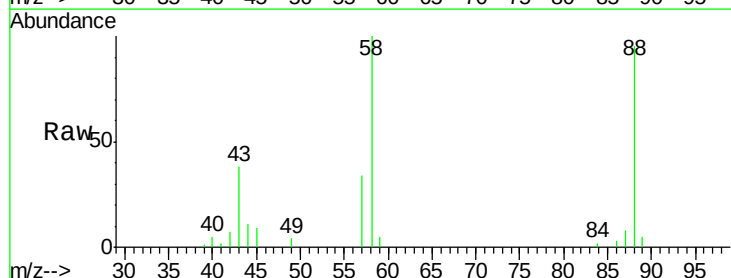
Tgt Ion: 88 Resp: 24909

Ion Ratio Lower Upper

88 100

58 98.2 77.0 115.4

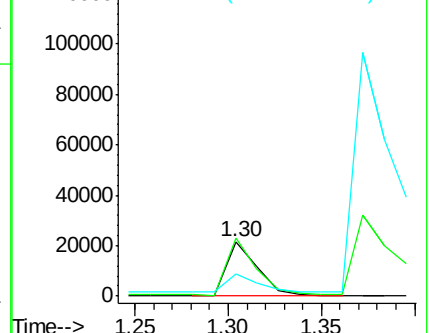
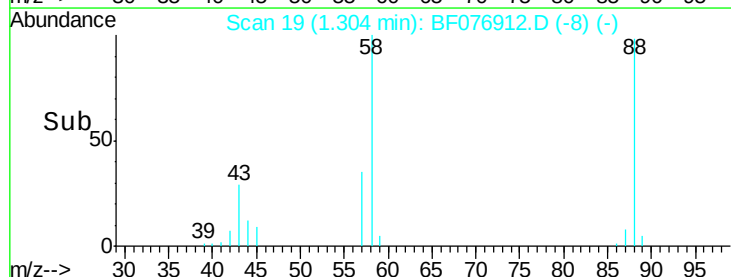
43 32.7 25.6 38.4

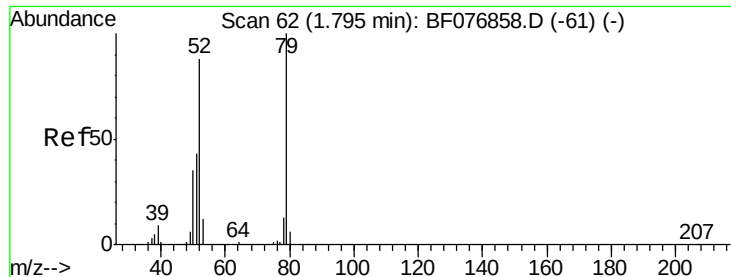


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 25.06 ng

RT: 1.80 min Scan# 62

Delta R.T. 0.03 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB81350BS

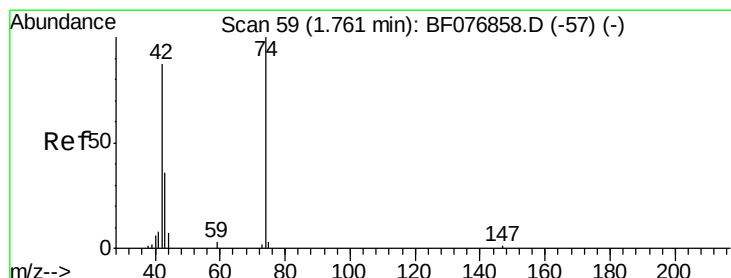
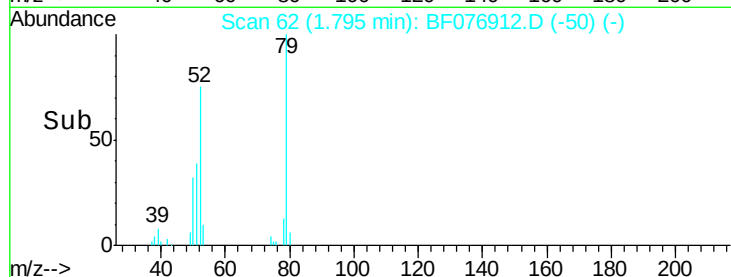
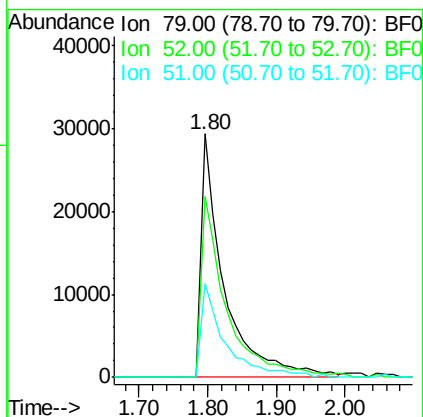
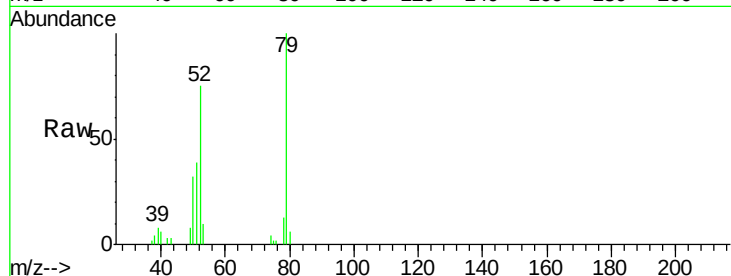
Tot Ion: 79 Resp: 67328

Ion Ratio Lower Upper

79 100

52 74.5 70.1 105.1

51 38.8 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 24.27 ng

RT: 1.75 min Scan# 58

Delta R.T. 0.02 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

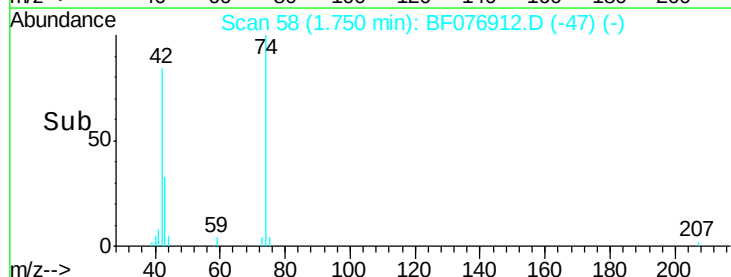
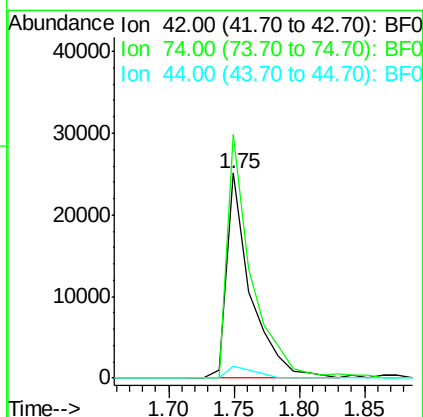
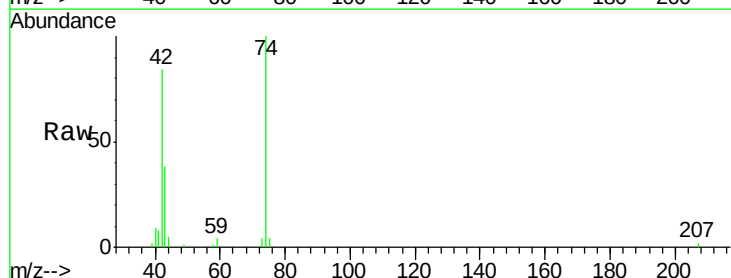
Tgt Ion: 42 Resp: 32298

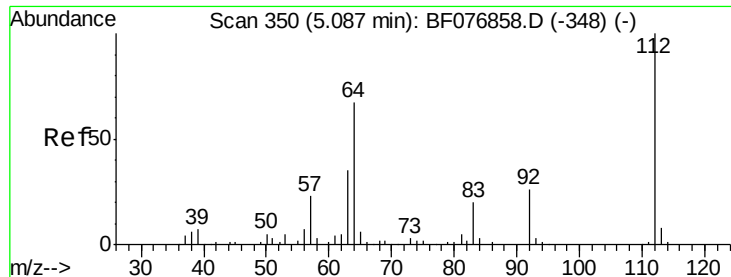
Ion Ratio Lower Upper

42 100

74 118.8 92.4 138.6

44 5.8 6.2 9.2#





#5

2-Fluorophenol

Concen: 100.88 ng

RT: 5.04 min Scan# 346

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

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PB81350BS

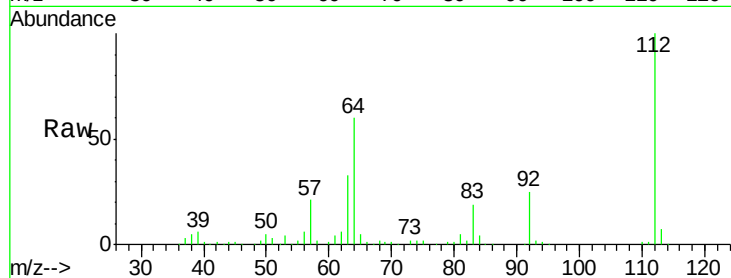
Tot Ion: 112 Resp: 244641

Ion Ratio Lower Upper

112 100

64 60.5 54.2 81.4

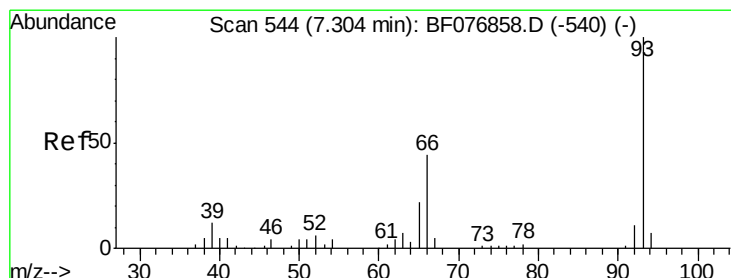
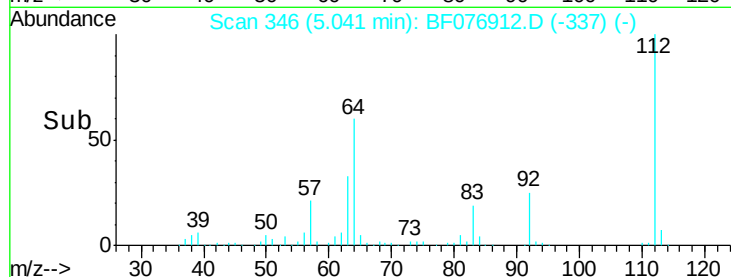
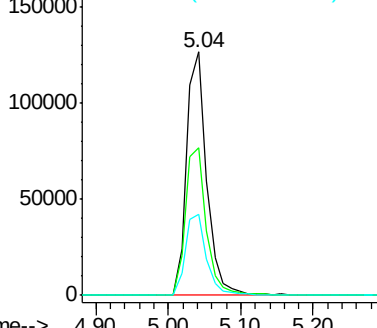
63 33.3 28.4 42.6



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: 17.94 ng

RT: 7.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

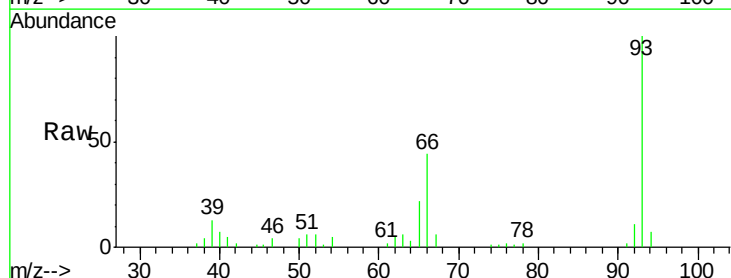
Tgt Ion: 93 Resp: 75929

Ion Ratio Lower Upper

93 100

66 43.6 35.0 52.4

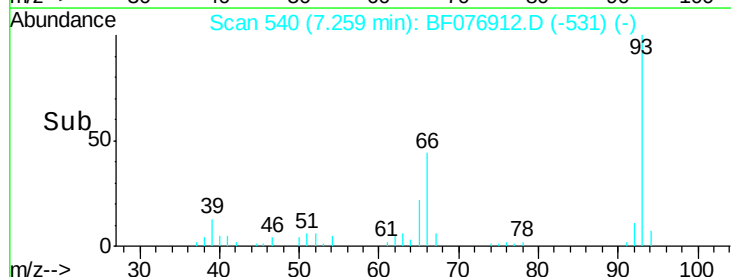
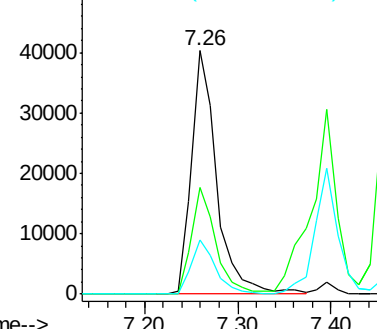
65 22.4 17.7 26.5

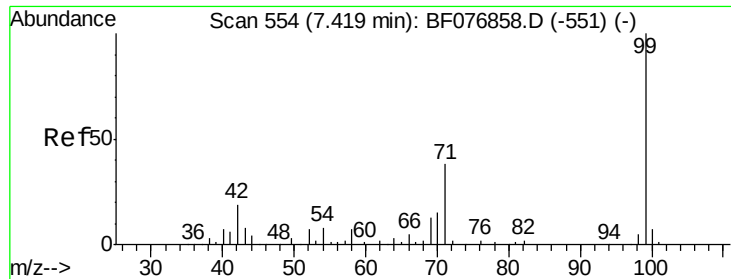


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 98.19 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

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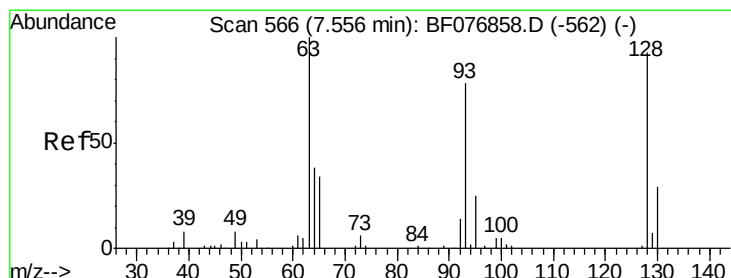
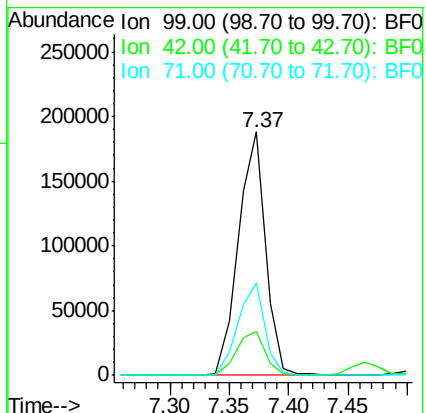
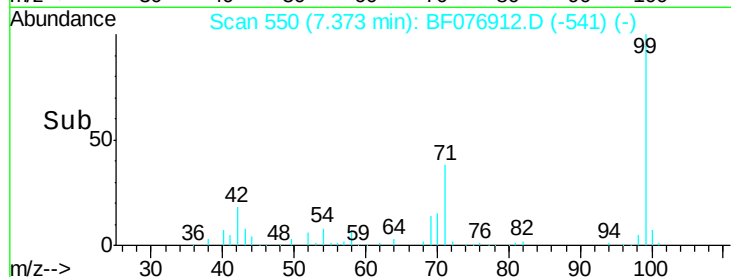
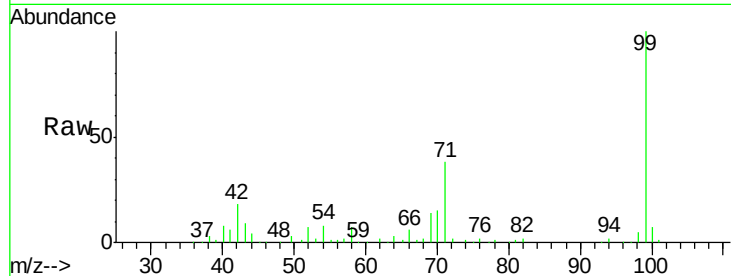
Tot Ion: 99 Resp: 300368

Ion Ratio Lower Upper

99 100

42 17.9 15.0 22.4

71 38.1 30.5 45.7



#8

2-Chlorophenol

Concen: 29.97 ng

RT: 7.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

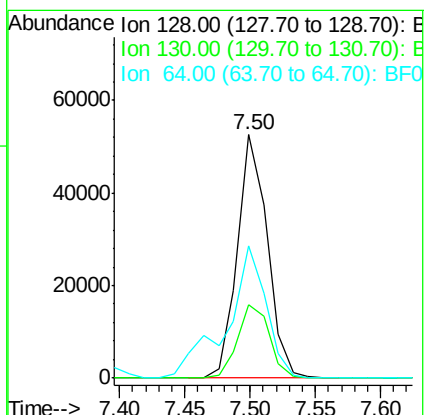
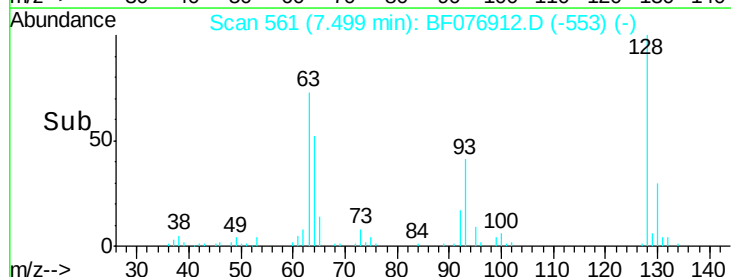
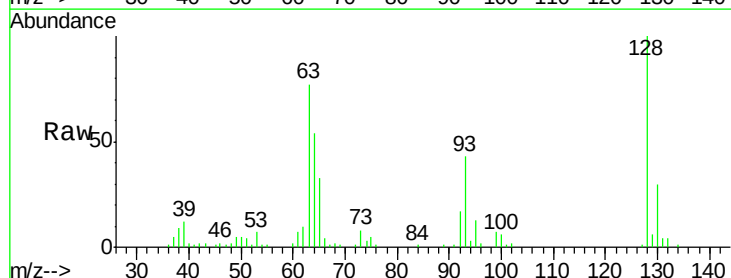
Tgt Ion: 128 Resp: 83792

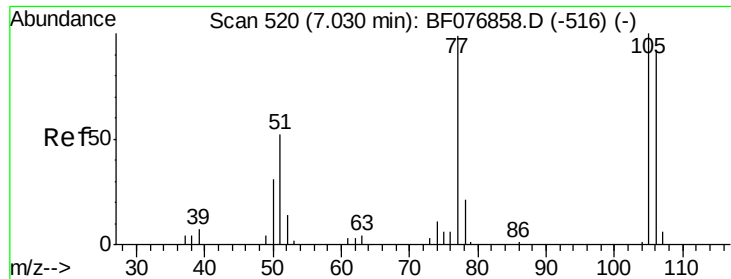
Ion Ratio Lower Upper

128 100

130 30.0 11.0 51.0

64 54.1 29.3 69.3





#9

Benzaldehyde

Concen: 12.88 ng

RT: 6.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

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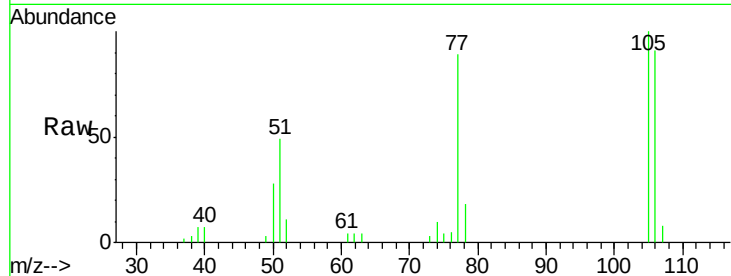
Tot Ion: 77 Resp: 25903

Ion Ratio Lower Upper

77 100

105 111.8 81.4 121.4

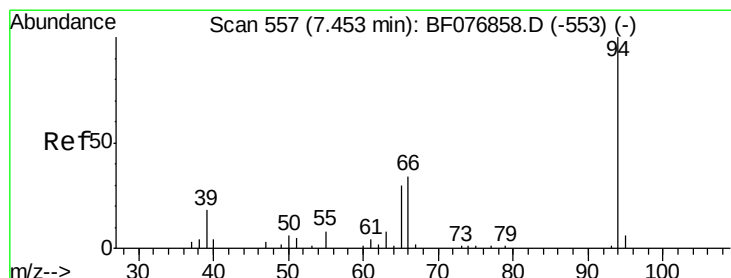
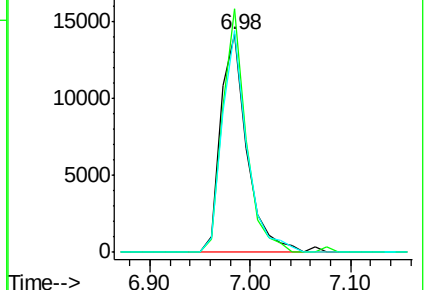
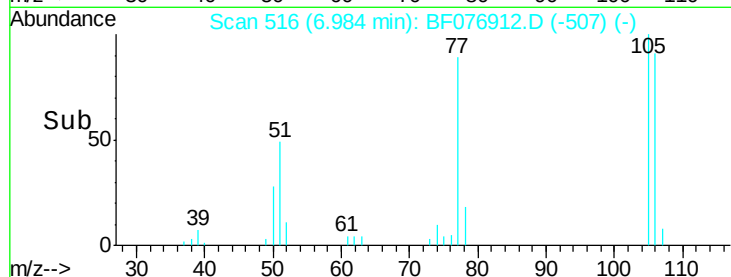
106 102.2 72.8 112.8



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: 29.93 ng

RT: 7.40 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

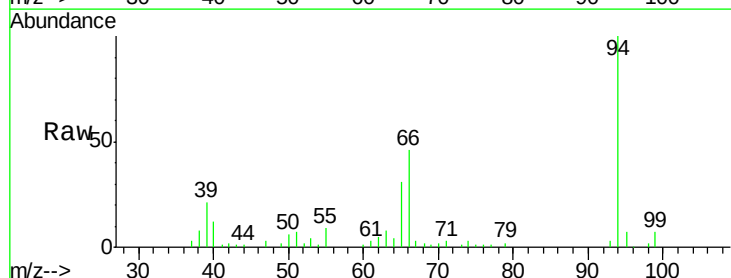
Tgt Ion: 94 Resp: 97211

Ion Ratio Lower Upper

94 100

65 31.2 11.3 51.3

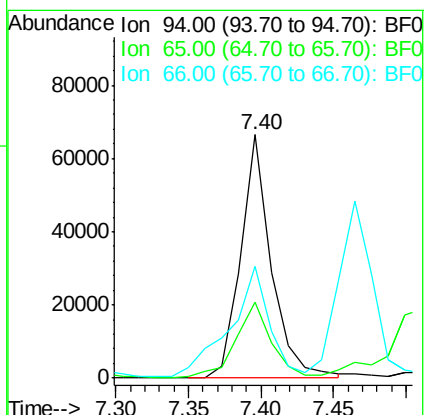
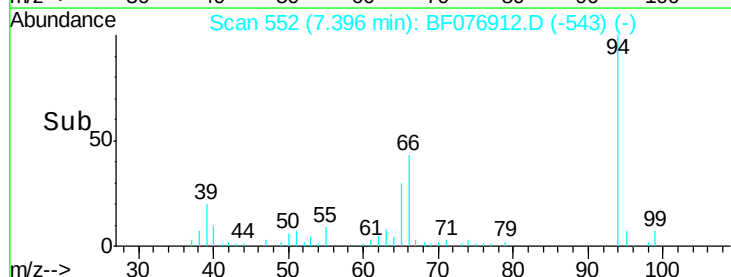
66 46.0 19.5 59.5

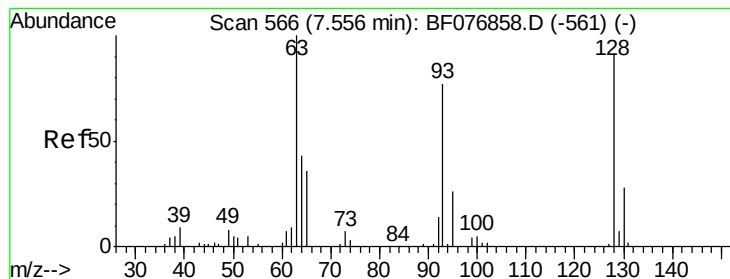


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

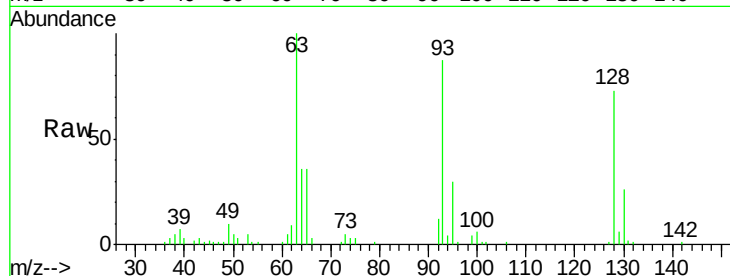




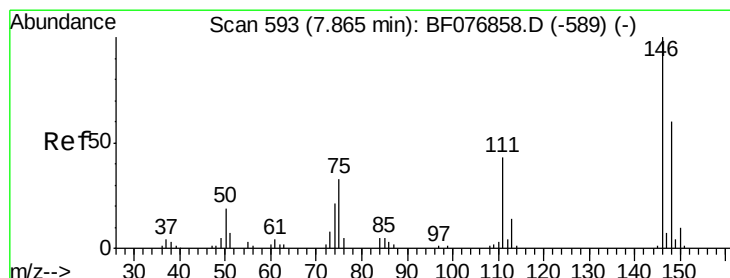
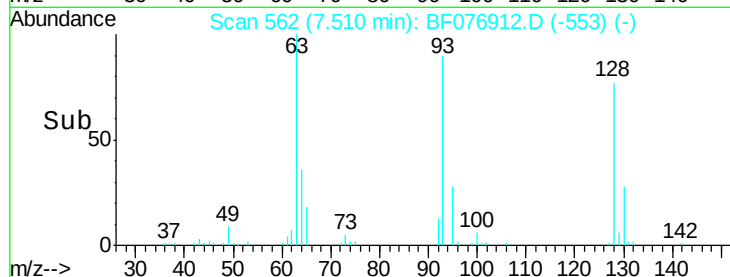
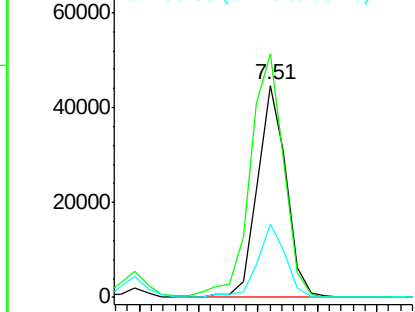
#11
bis(2-Chloroethyl)ether
Concen: 29.63 ng
RT: 7.51 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Instrument :
BNA_F
ClientSampleId :
PB81350BS

Tot Ion: 93 Resp: 75301
Ion Ratio Lower Upper
93 100
63 115.0 111.3 151.3
95 34.4 13.8 53.8

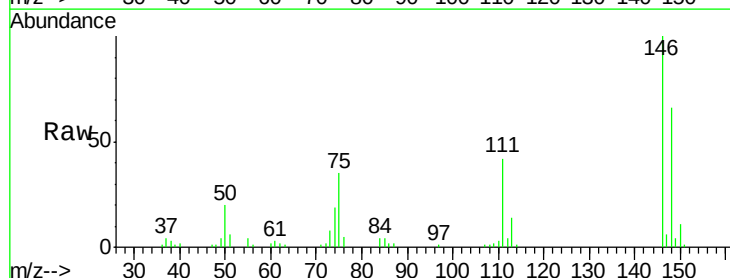


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

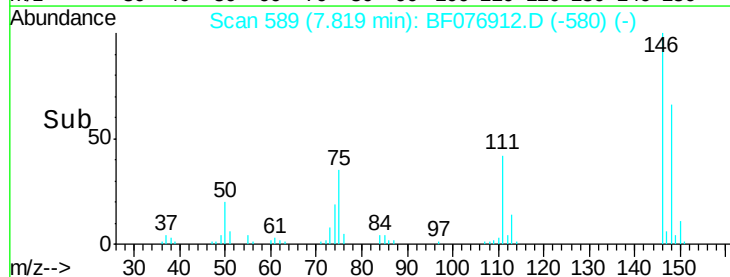
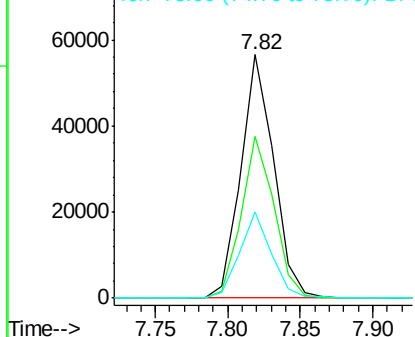


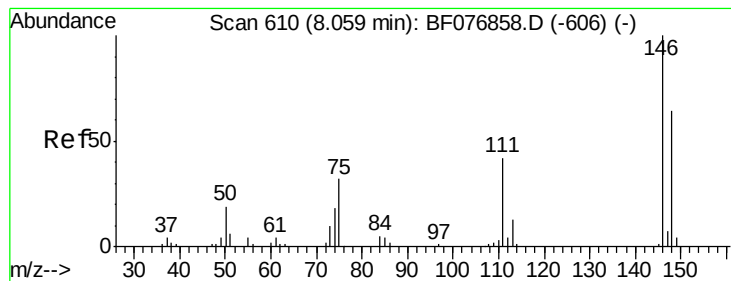
#12
1,3-Dichlorobenzene
Concen: 27.90 ng
RT: 7.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion: 146 Resp: 88741
Ion Ratio Lower Upper
146 100
148 66.4 48.1 72.1
75 35.2 26.8 40.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 26.31 ng

RT: 8.01 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB81350BS

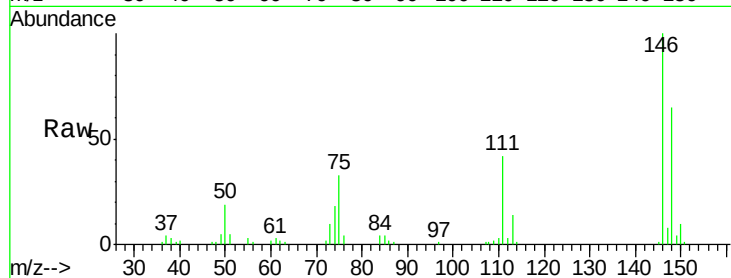
Tot Ion:146 Resp: 88725

Ion Ratio Lower Upper

146 100

148 64.9 51.5 77.3

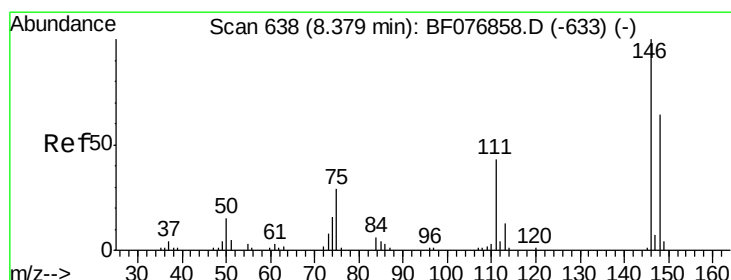
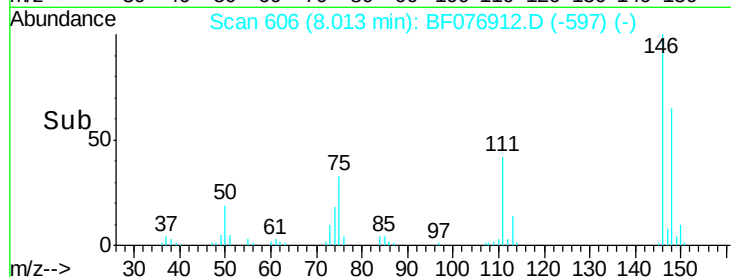
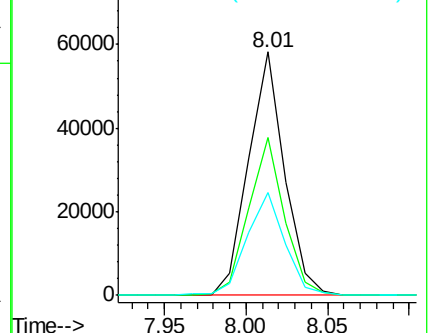
111 42.3 33.9 50.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 28.73 ng

RT: 8.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

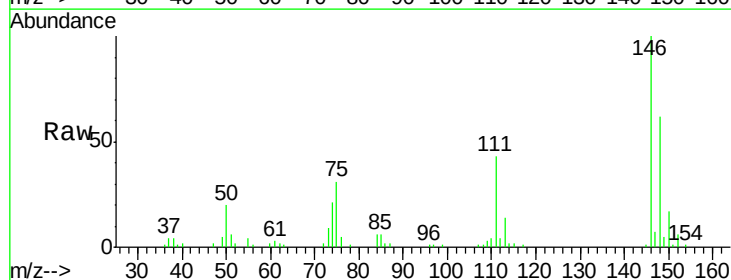
Tgt Ion:146 Resp: 89270

Ion Ratio Lower Upper

146 100

148 61.8 51.3 76.9

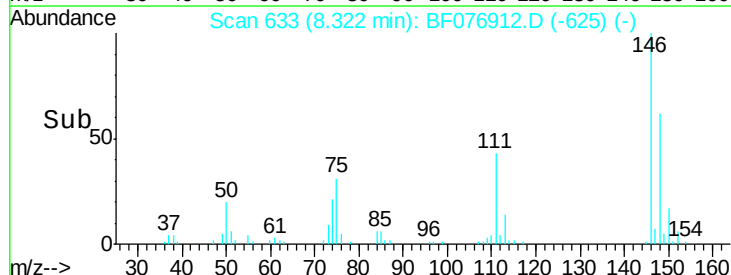
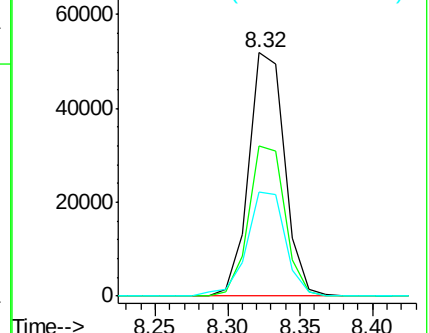
111 42.7 34.5 51.7

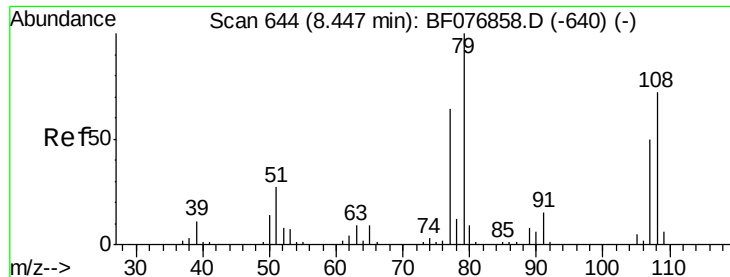


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.46 ng

RT: 8.40 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB81350BS

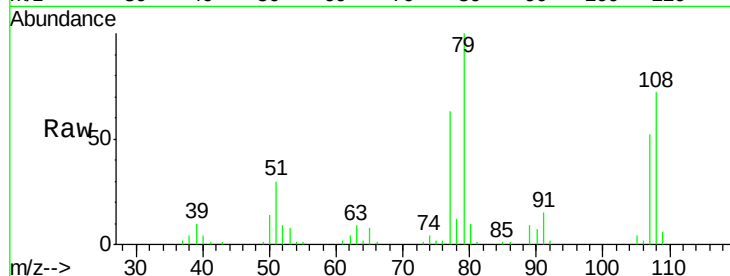
Tot Ion: 79 Resp: 72930

Ion Ratio Lower Upper

79 100

108 72.2 57.2 85.8

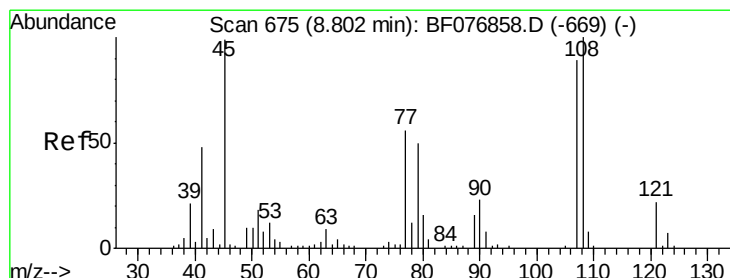
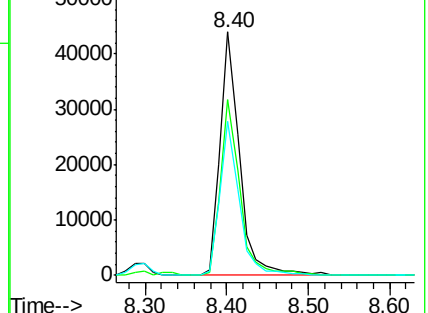
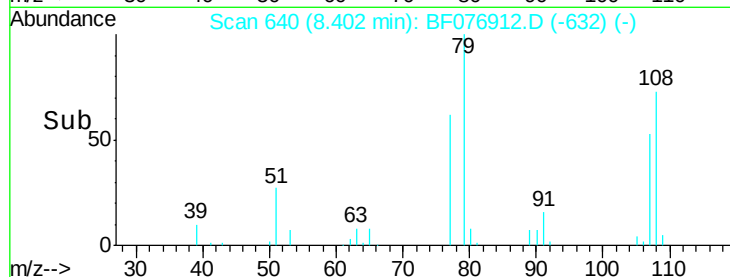
77 63.1 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.43 ng

RT: 8.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

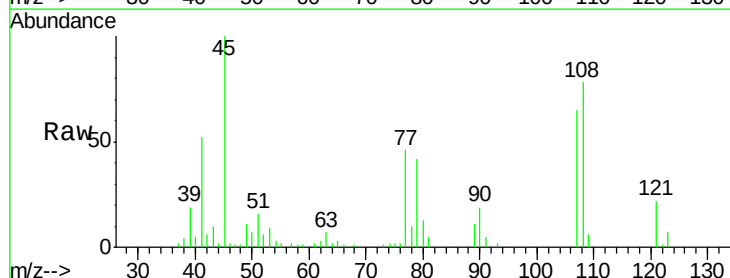
Tgt Ion: 45 Resp: 100539

Ion Ratio Lower Upper

45 100

77 46.4 36.1 76.1

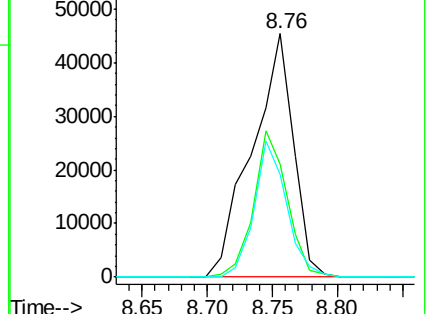
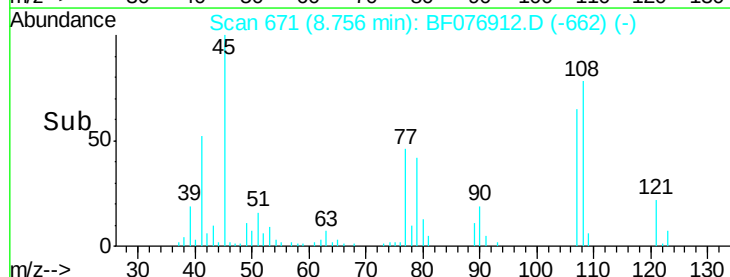
79 42.1 30.5 70.5

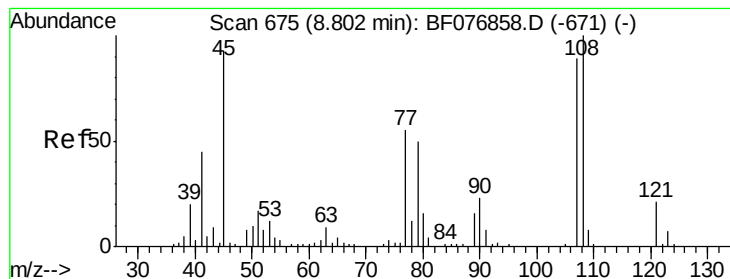


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

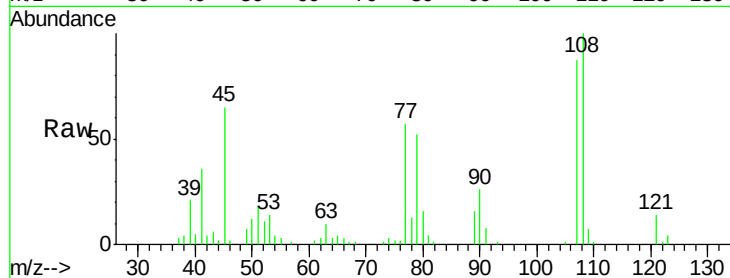




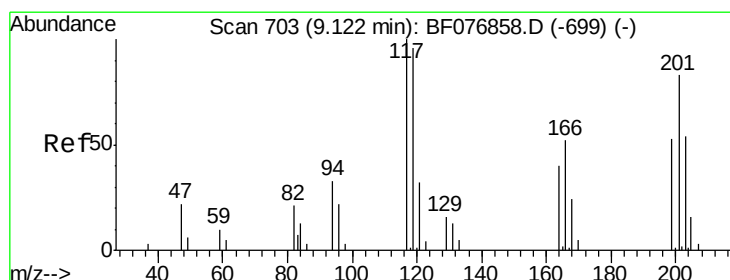
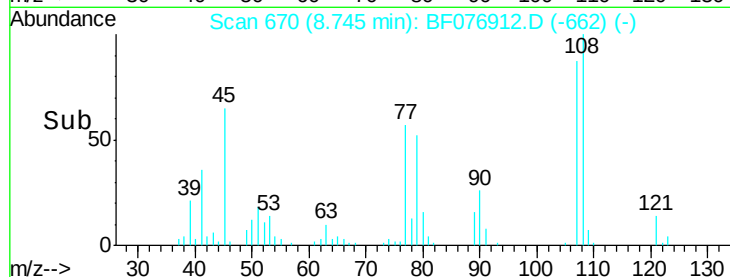
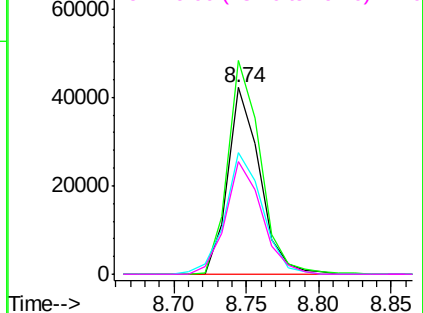
#17
2-Methylphenol
Concen: 28.37 ng
RT: 8.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Instrument :
BNA_F
ClientSampleId :
PB81350BS

Tot Ion:107 Resp: 64816
Ion Ratio Lower Upper
107 100
108 114.7 89.7 134.5
77 65.0 50.1 75.1
79 60.2 45.0 67.6

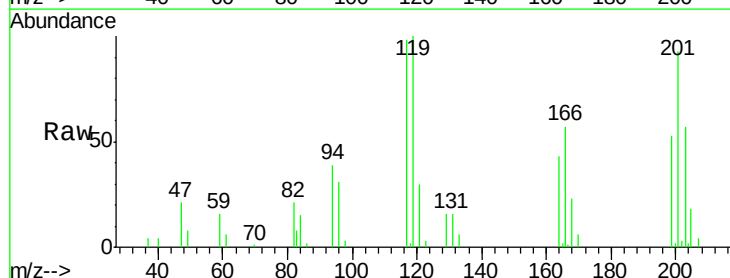


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

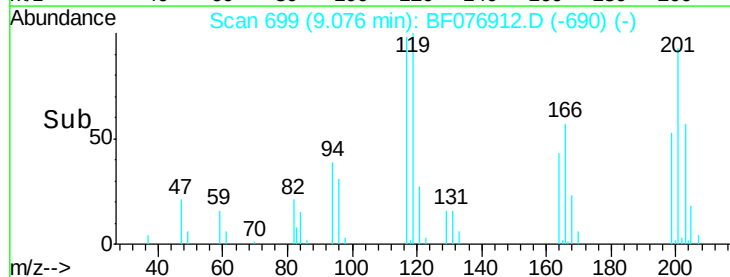
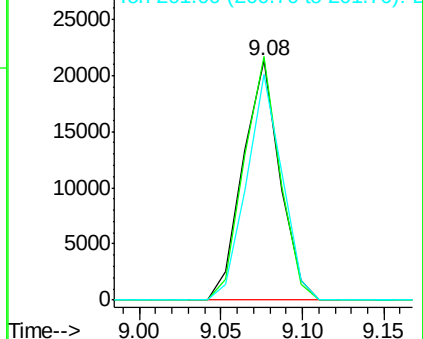


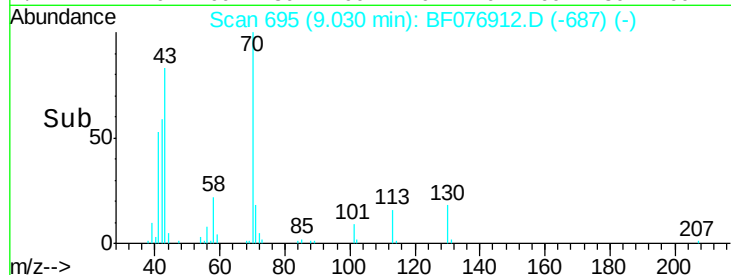
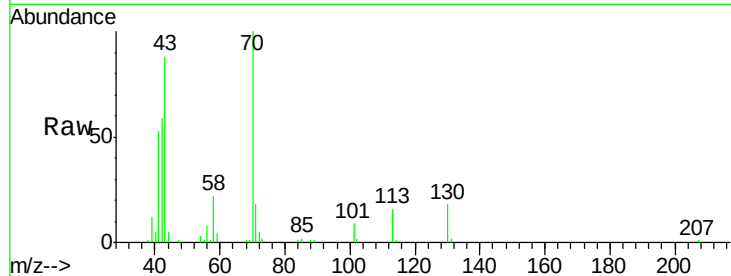
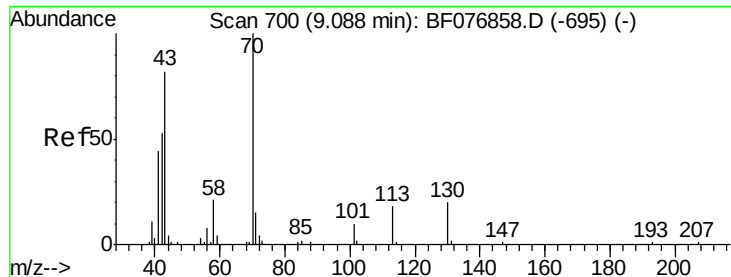
#18
Hexachloroethane
Concen: 28.47 ng
RT: 9.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion:117 Resp: 33397
Ion Ratio Lower Upper
117 100
119 101.8 77.1 115.7
201 94.1 66.8 100.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

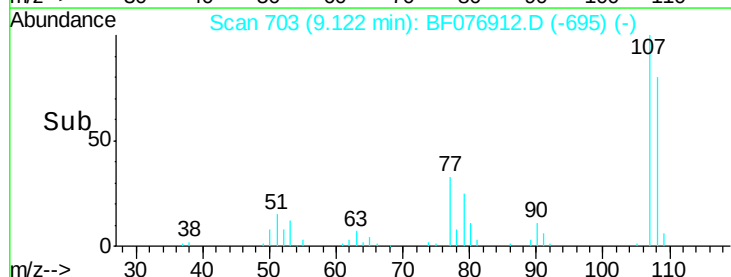
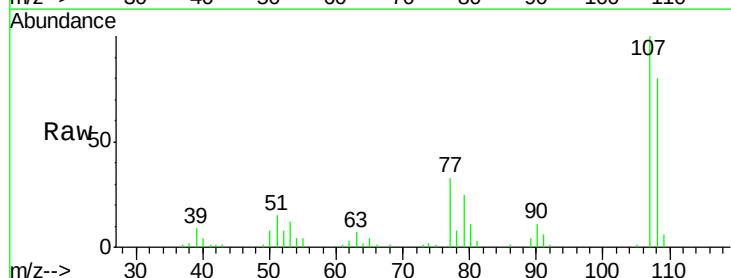
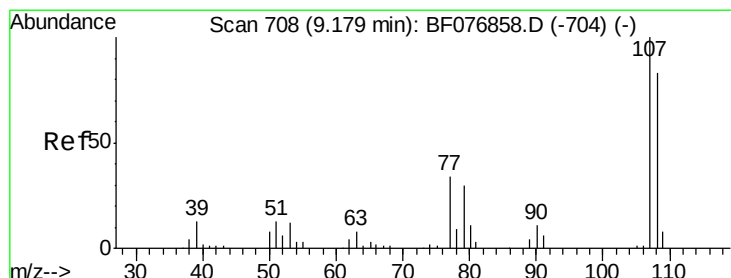
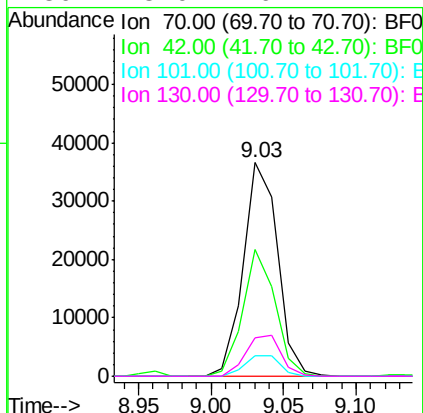




#19
n-Nitroso-di-n-propylamine
Concen: 28.11 ng
RT: 9.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

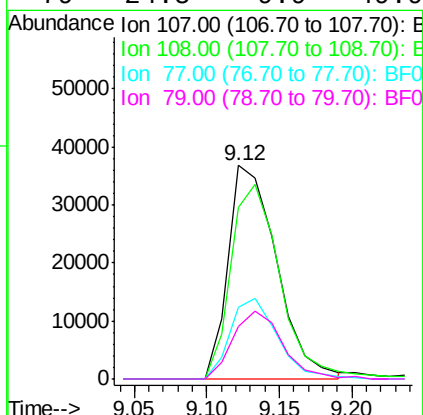
Instrument :
BNA_F
ClientSampleId :
PB81350BS

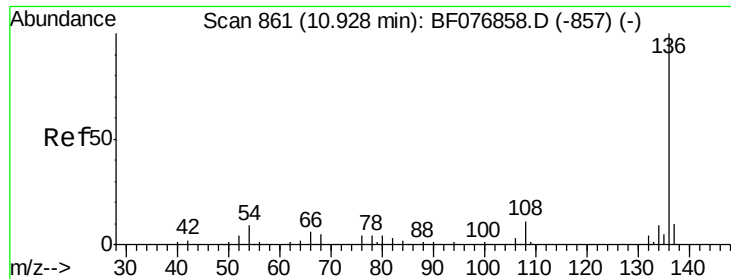
Tot Ion:	70	Resp:	60184
Ion	Ratio	Lower	Upper
70	100		
42	59.1	42.1	63.1
101	9.5	7.8	11.8
130	18.0	16.2	24.4



#20
3+4-Methylphenols
Concen: 28.30 ng
RT: 9.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion:	107	Resp:	85619
Ion	Ratio	Lower	Upper
107	100		
108	80.4	63.5	103.5
77	33.3	14.0	54.0
79	24.5	9.9	49.9

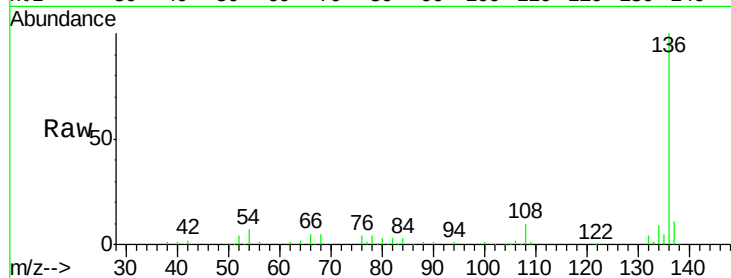




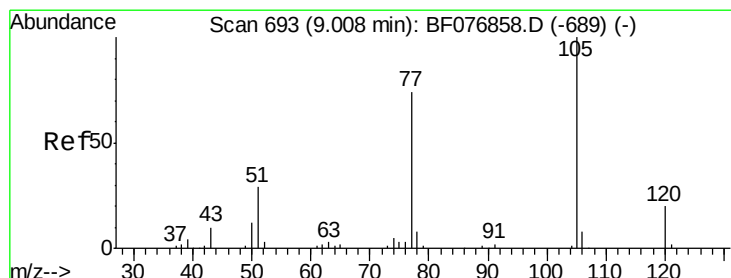
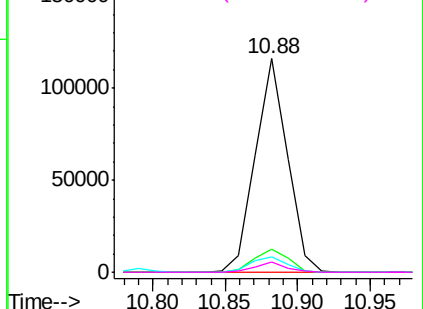
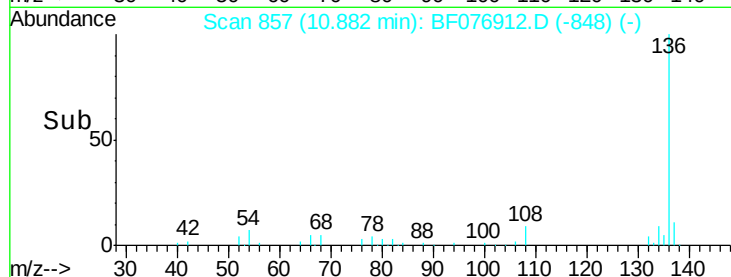
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Instrument :
BNA_F
ClientSampleId :
PB81350BS

Tot Ion:136	Resp:	177841
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.1 12.1
54	7.2	7.0 10.4
68	5.0	3.7 5.5

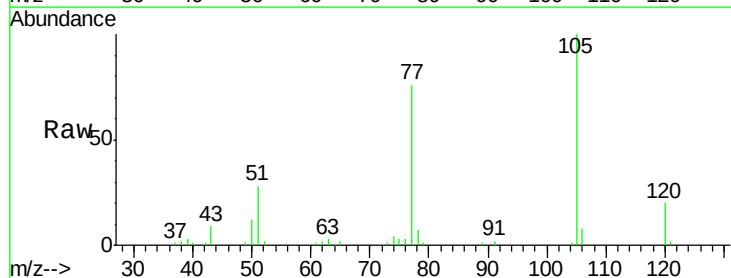


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

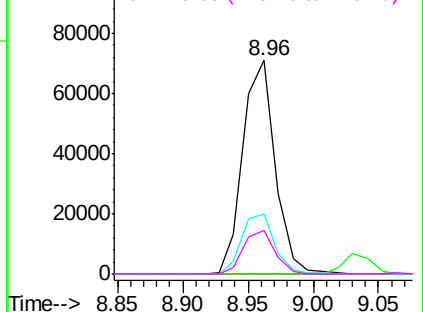
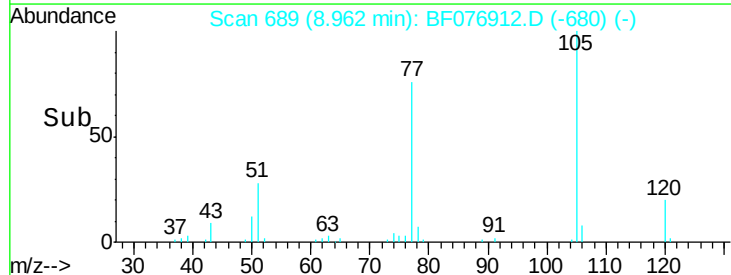


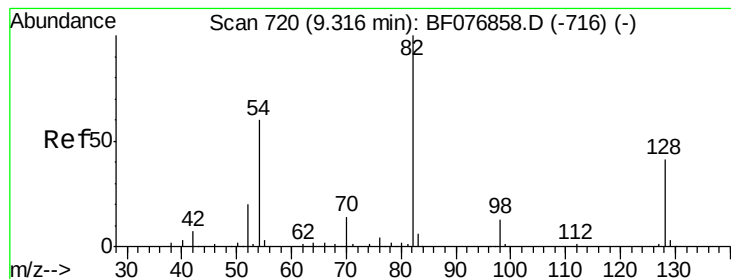
#22
Acetophenone
Concen: 28.08 ng
RT: 8.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion:105	Resp:	122321
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	27.9	23.3 34.9
120	20.4	16.1 24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 57.40 ng

RT: 9.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB81350BS

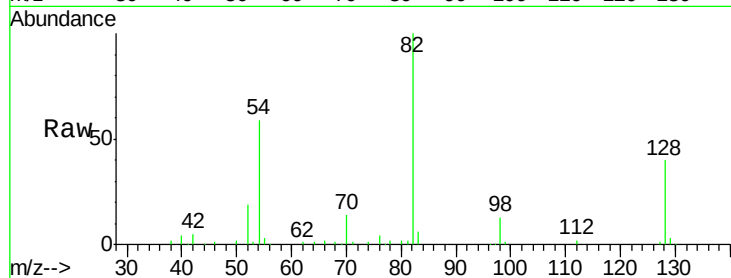
Tot Ion: 82 Resp: 184250

Ion Ratio Lower Upper

82 100

128 40.3 33.1 49.7

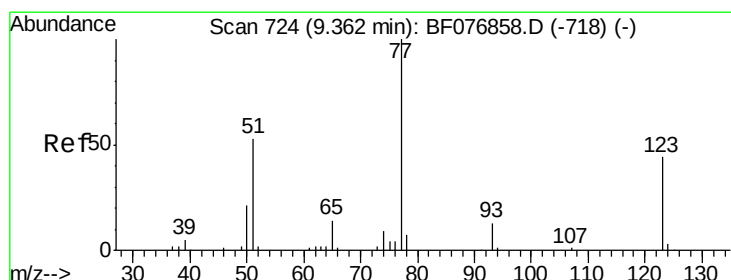
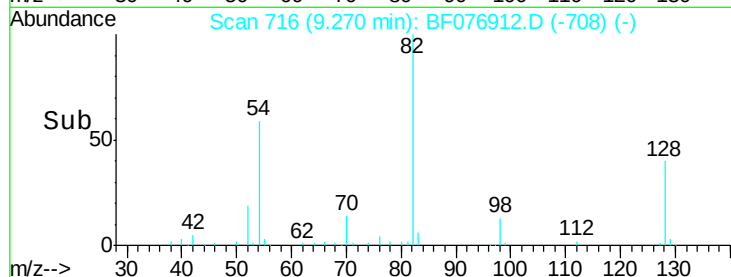
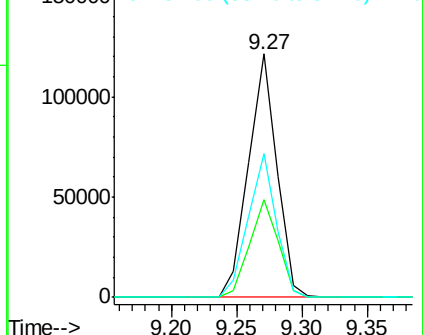
54 59.2 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 27.93 ng

RT: 9.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

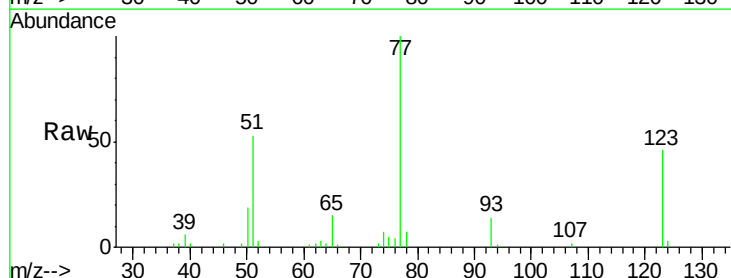
Tgt Ion: 77 Resp: 91342

Ion Ratio Lower Upper

77 100

123 45.8 35.2 52.8

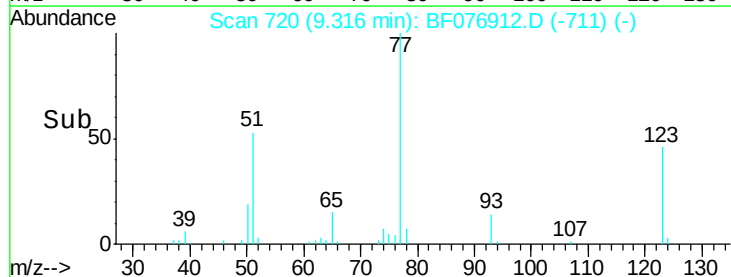
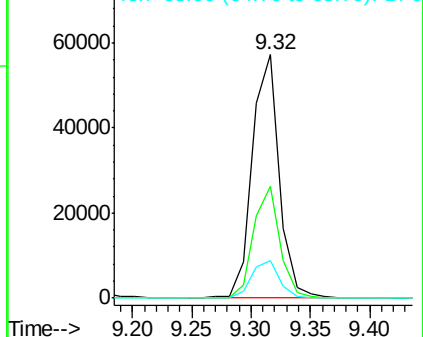
65 15.3 11.4 17.2

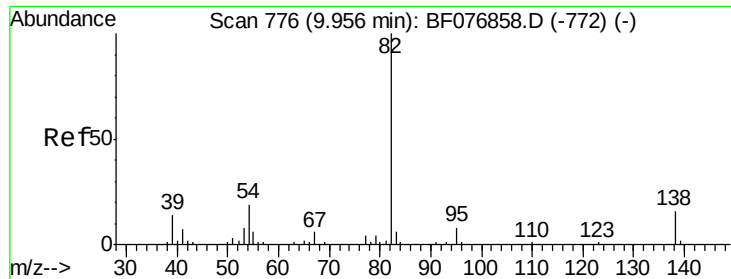


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 27.47 ng

RT: 9.91 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB81350BS

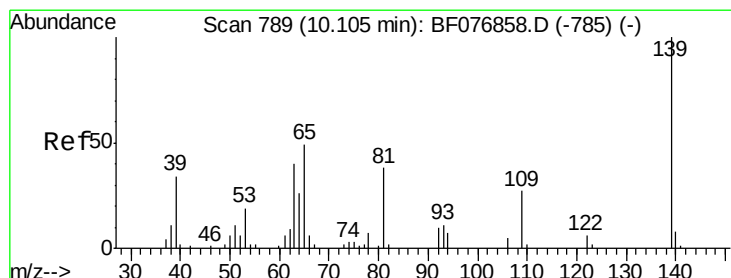
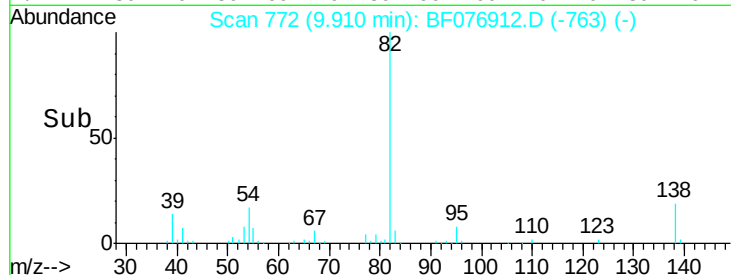
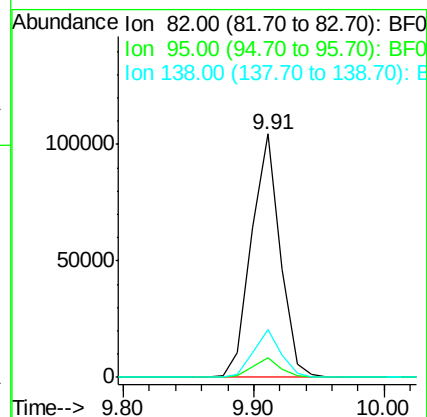
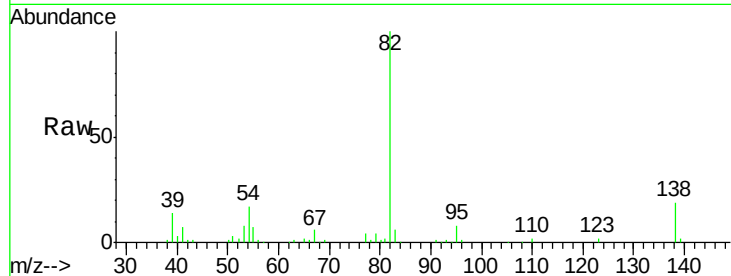
Tot Ion: 82 Resp: 160588

Ion Ratio Lower Upper

82 100

95 8.1 6.6 10.0

138 19.4 12.6 18.8#



#26

2-Nitrophenol

Concen: 25.80 ng

RT: 10.05 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

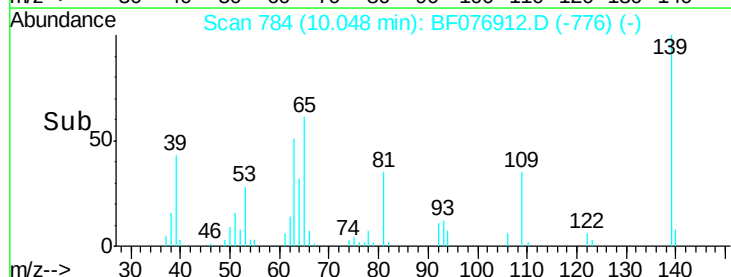
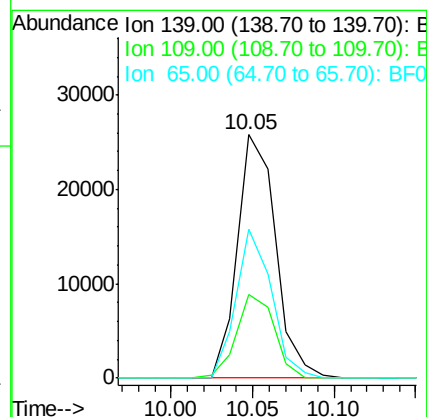
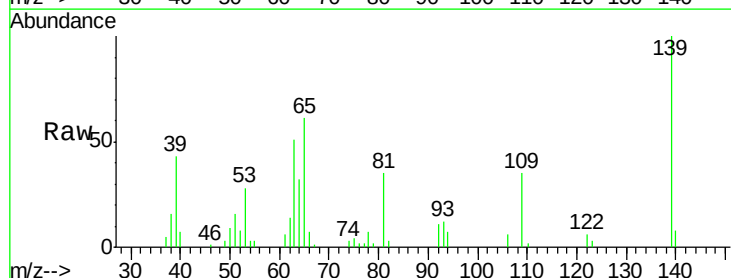
Tgt Ion: 139 Resp: 41786

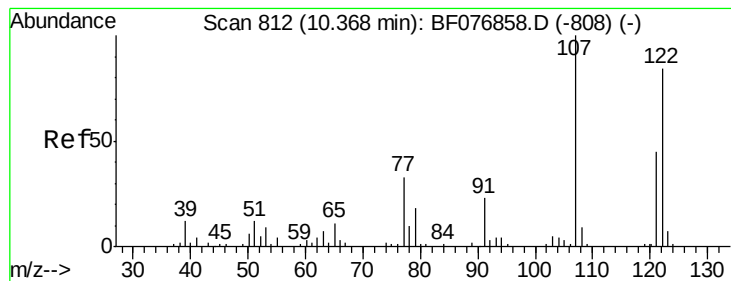
Ion Ratio Lower Upper

139 100

109 34.6 21.3 31.9#

65 61.3 39.4 59.0#





#27

2,4-Dimethylphenol

Concen: 29.70 ng

RT: 10.32 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB81350BS

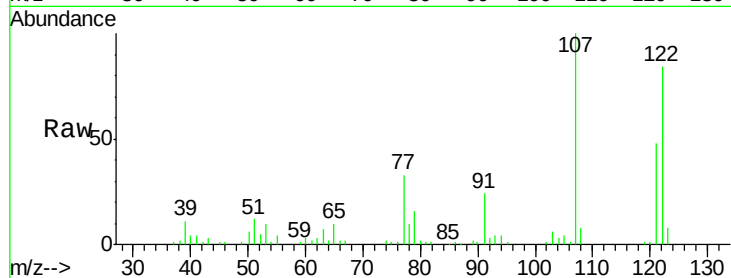
Tot Ion:122 Resp: 75110

Ion Ratio Lower Upper

122 100

107 118.5 95.2 142.8

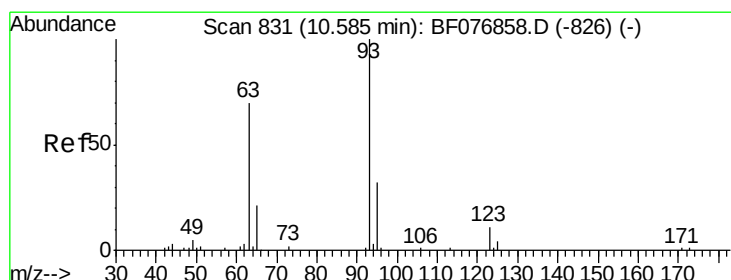
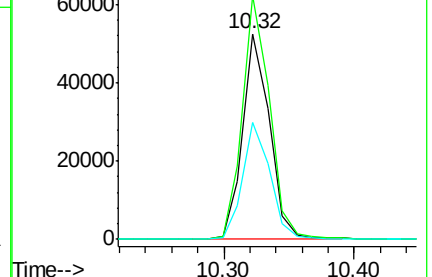
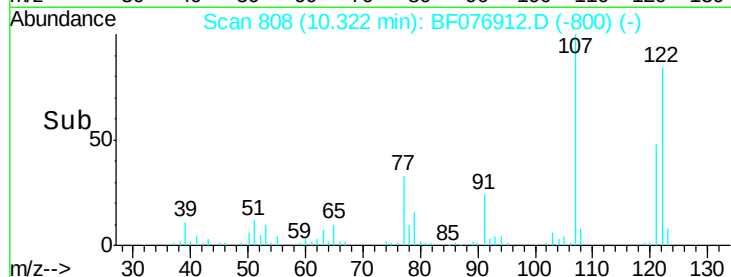
121 56.8 42.9 64.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 29.75 ng

RT: 10.54 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

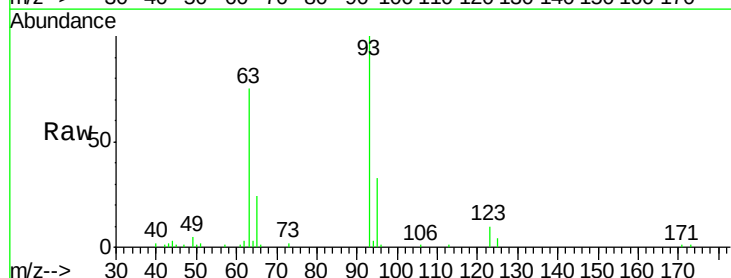
Tgt Ion: 93 Resp: 98856

Ion Ratio Lower Upper

93 100

95 32.7 25.6 38.4

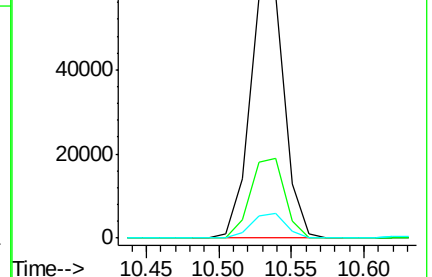
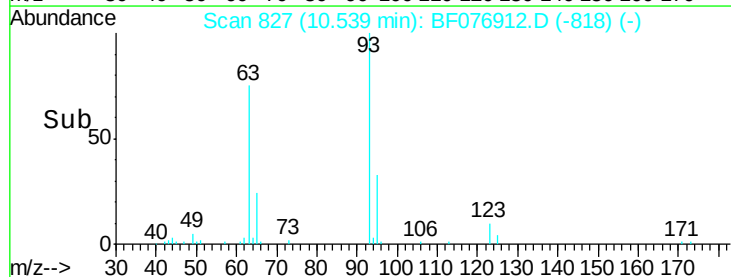
123 10.1 8.9 13.3

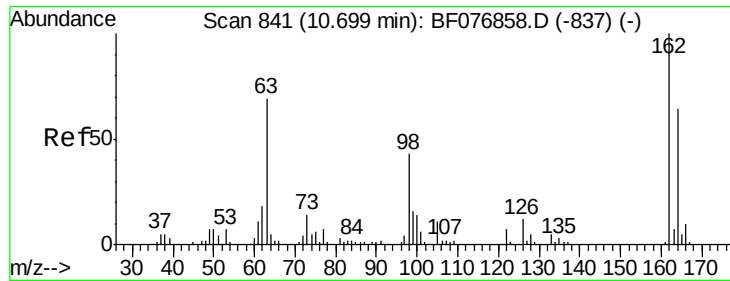


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

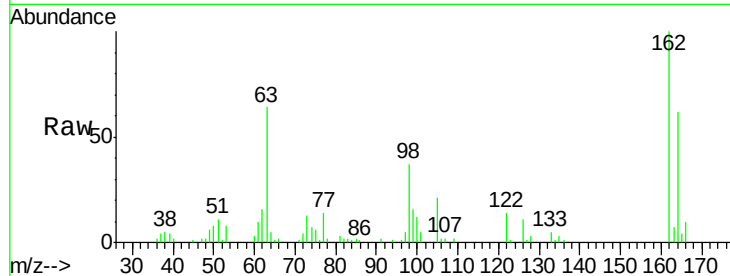




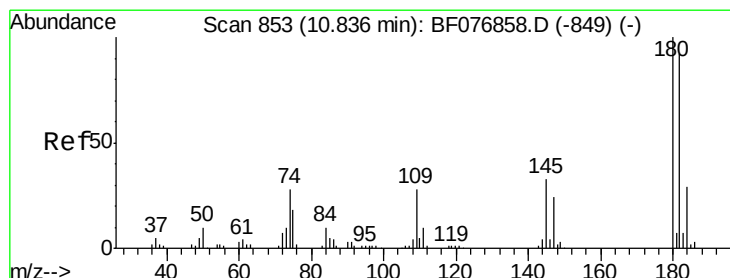
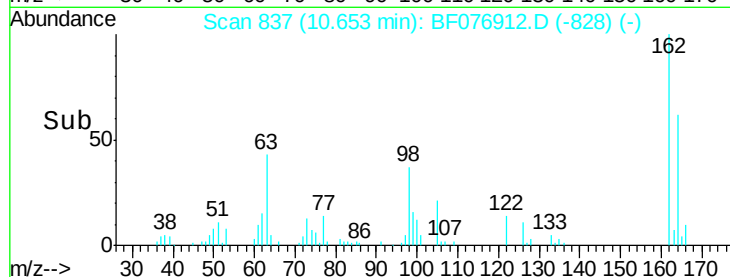
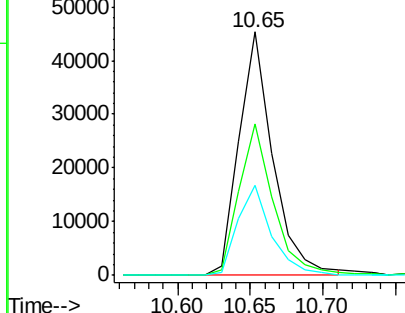
#29
 2,4-Dichlorophenol
 Concen: 31.35 ng
 RT: 10.65 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB81350BS

Tot Ion:162 Resp: 73882
 Ion Ratio Lower Upper
 162 100
 164 62.4 43.8 83.8
 98 36.8 22.5 62.5

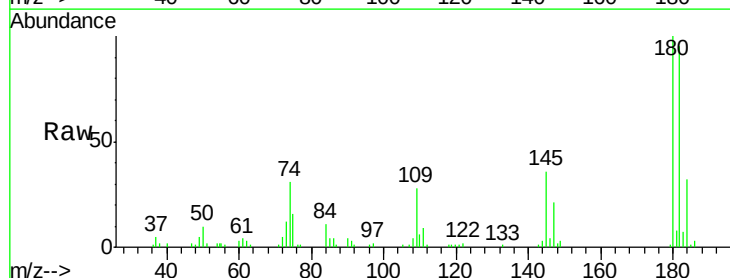


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

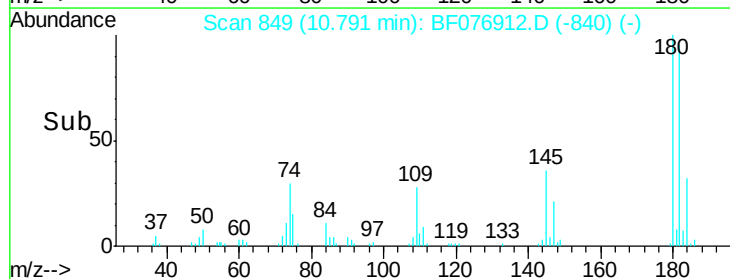
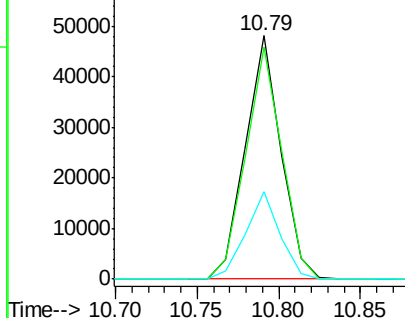


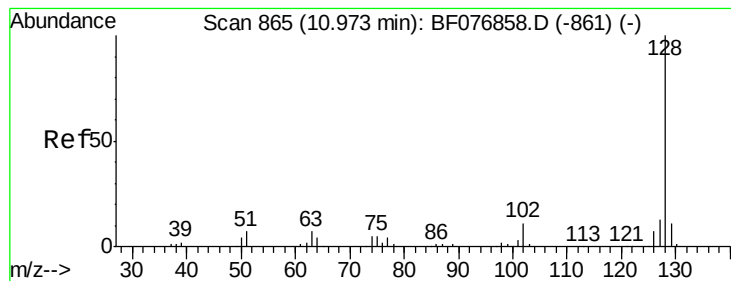
#30
 1,2,4-Trichlorobenzene
 Concen: 27.78 ng
 RT: 10.79 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Tgt Ion:180 Resp: 72727
 Ion Ratio Lower Upper
 180 100
 182 95.5 73.6 110.4
 145 35.8 26.6 39.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 26.72 ng

RT: 10.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB81350BS

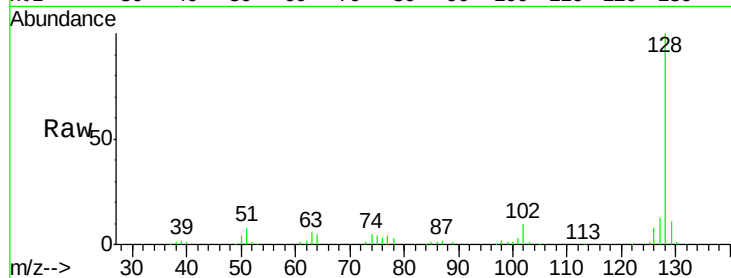
Tot Ion:128 Resp: 244620

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

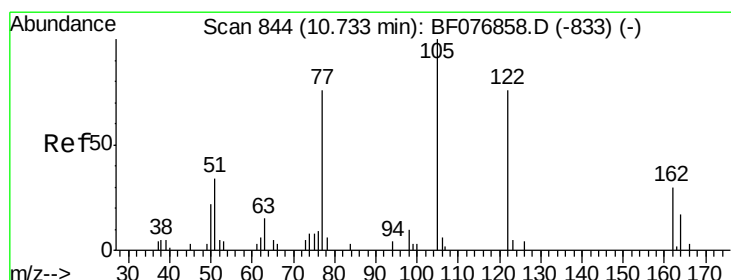
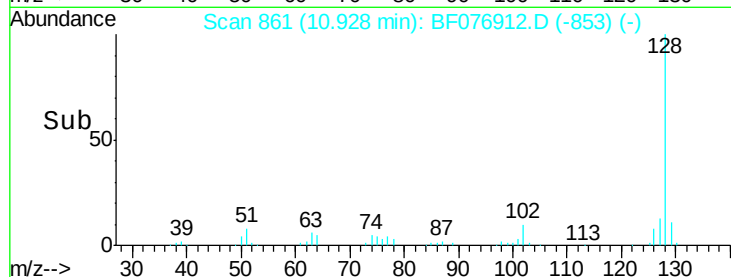
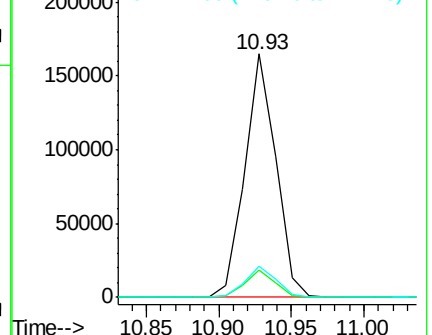
127 13.0 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.50 ng m

RT: 10.68 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

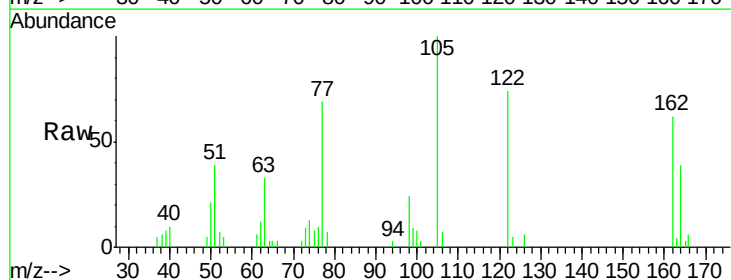
Tgt Ion:122 Resp: 41324

Ion Ratio Lower Upper

122 100

105 135.4 111.3 151.3

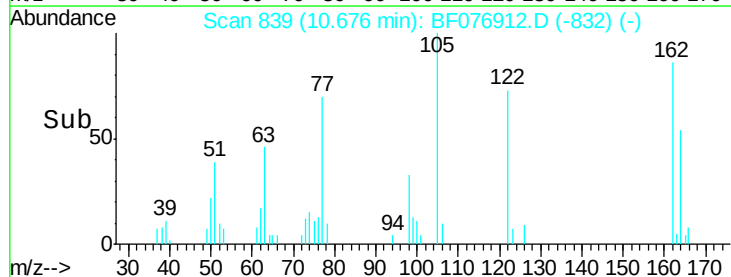
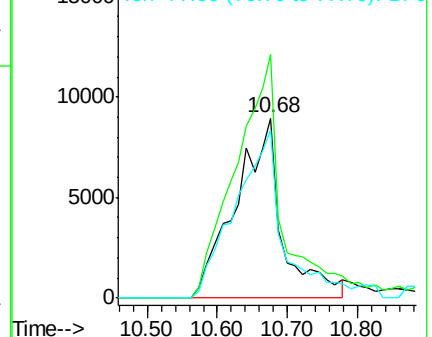
77 93.5 79.2 119.2

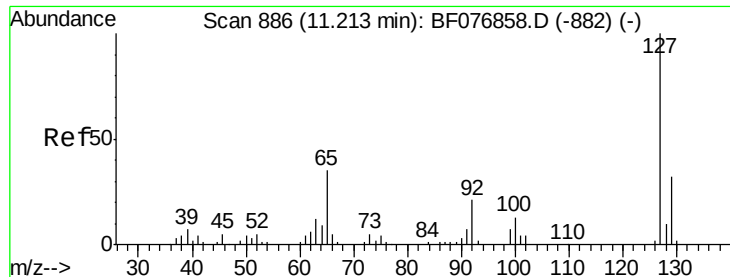


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

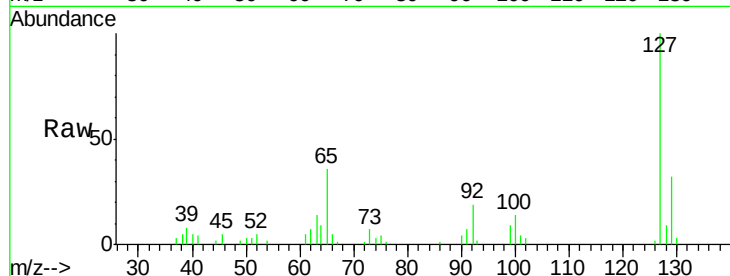




#33
4-Chloroaniline
Concen: 13.75 ng
RT: 11.17 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Instrument :
BNA_F
ClientSampleId :
PB81350BS

Tot Ion:127	Resp:	50884
Ion	Ratio	Lower Upper
127	100	
129	32.4	25.3 37.9
65	36.1	27.8 41.6
92	19.5	16.5 24.7

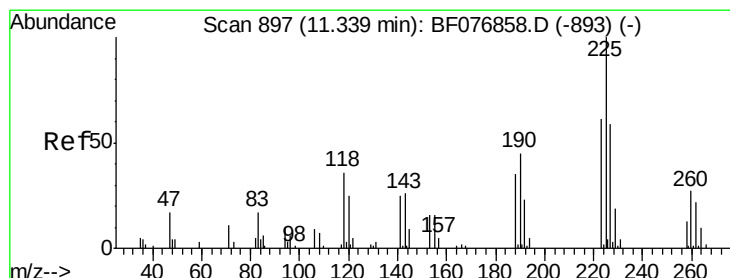
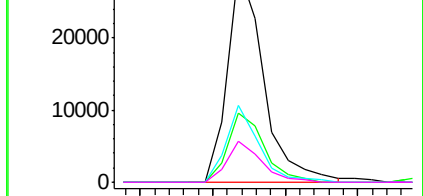
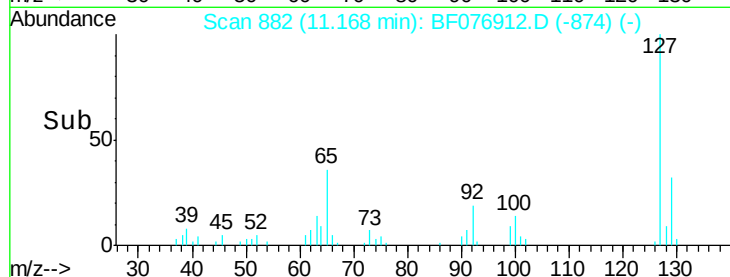


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

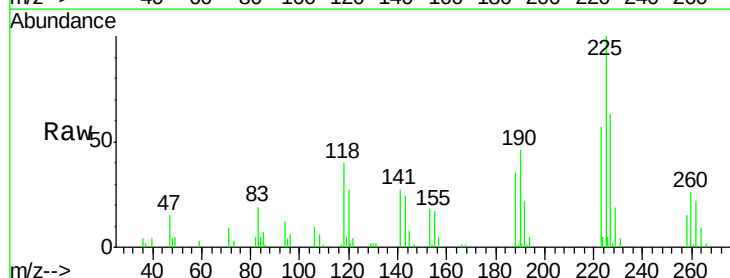
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 27.17 ng
RT: 11.29 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

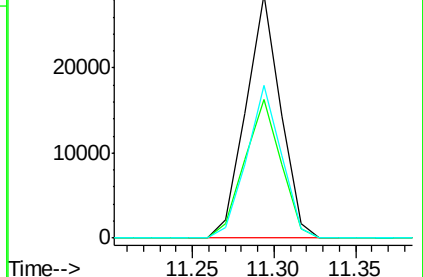
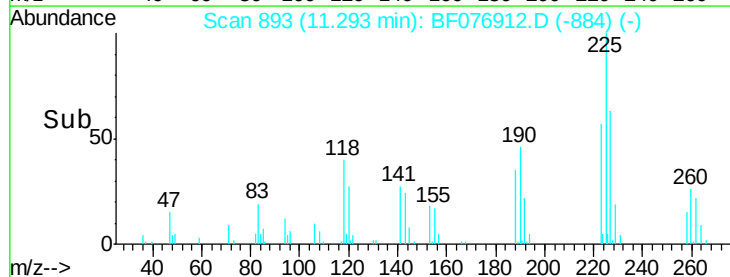
Tgt Ion:225	Resp:	42209
Ion	Ratio	Lower Upper
225	100	
223	56.9	49.1 73.7
227	62.9	47.5 71.3

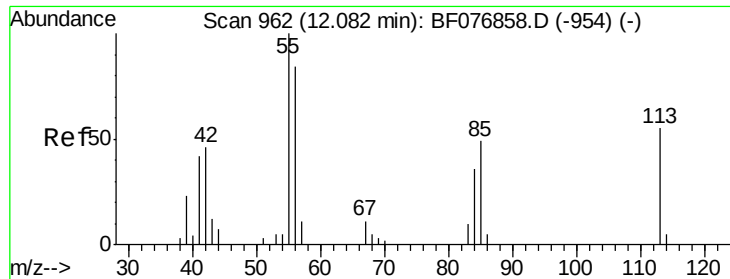


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

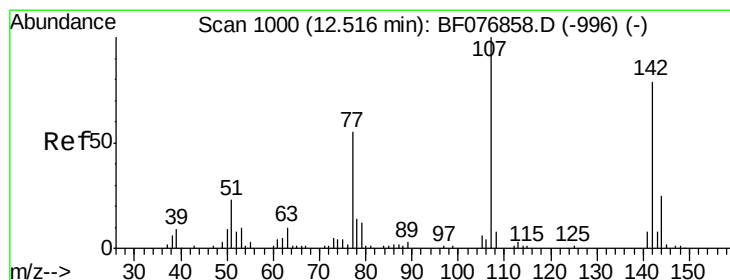
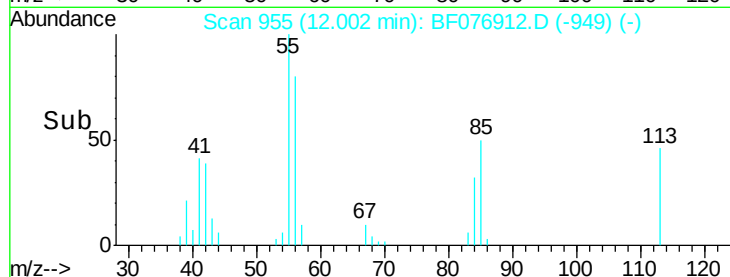
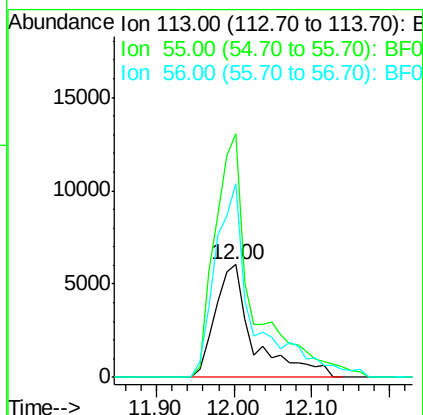
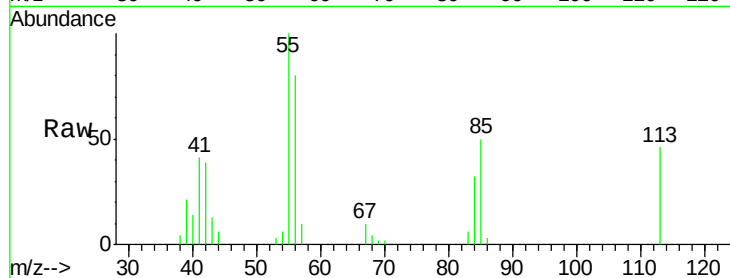




#35
 Caprolactam
 Concen: 29.61 ng/ml
 RT: 12.00 min Scan# 955
 Delta R.T. -0.03 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

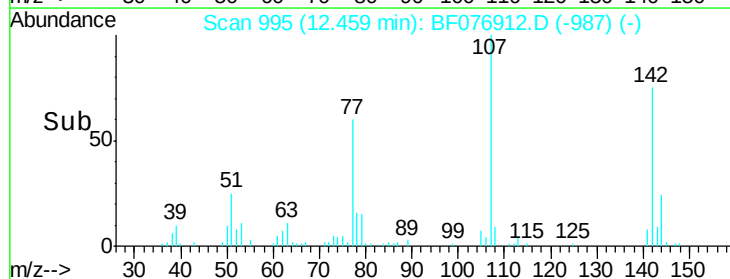
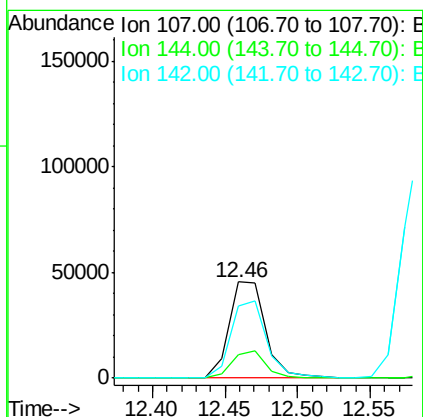
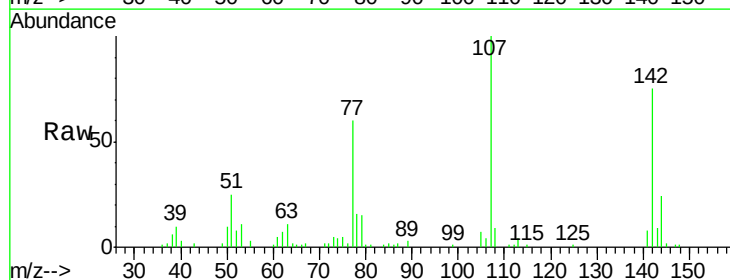
Instrument :
 BNA_F
 ClientSampleID :
 PB81350BS

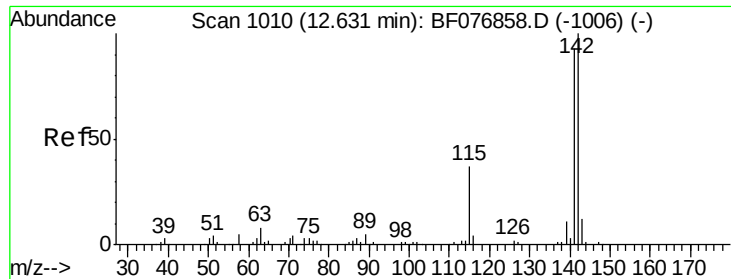
Tot Ion:113 Resp: 20545
 Ion Ratio Lower Upper
 113 100
 55 216.0 162.1 202.1#
 56 171.9 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 29.52 ng/ml
 RT: 12.46 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Tgt Ion:107 Resp: 79663
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.0 30.0
 142 74.6 63.5 95.3

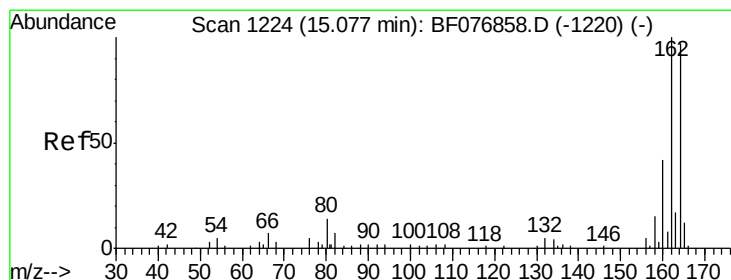
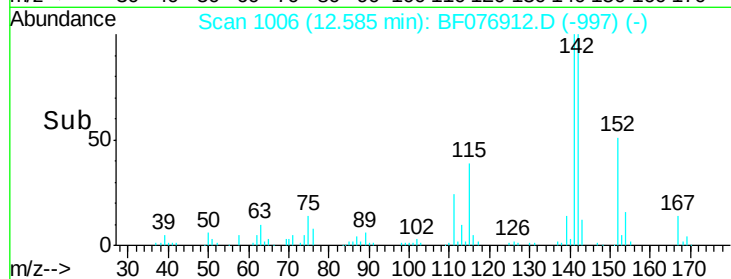
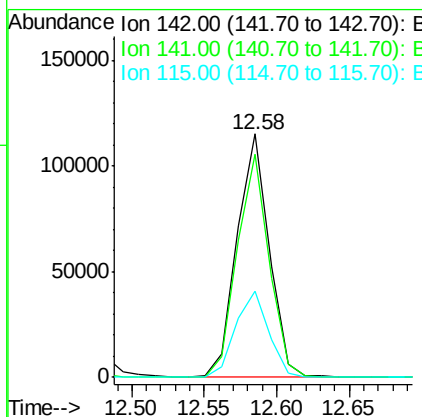
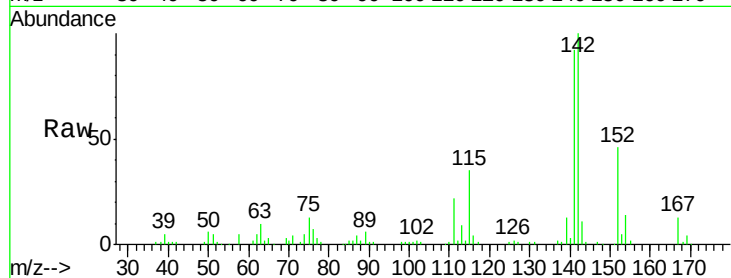




#37
2-Methylnaphthalene
Concen: 28.30 ng
RT: 12.58 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

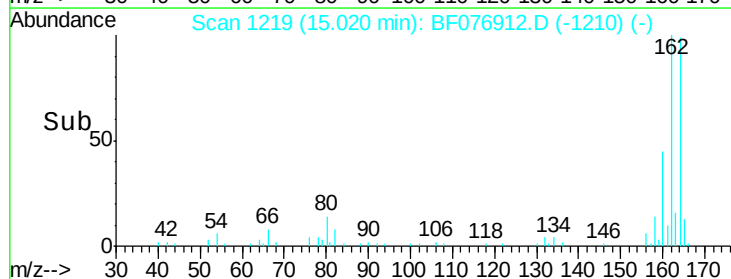
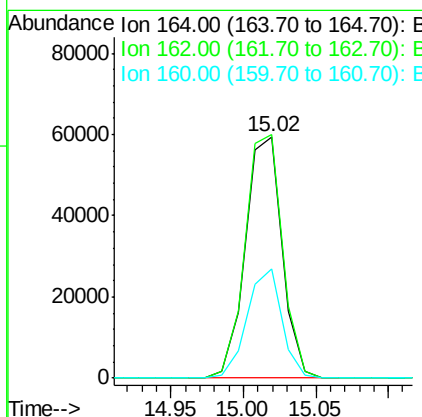
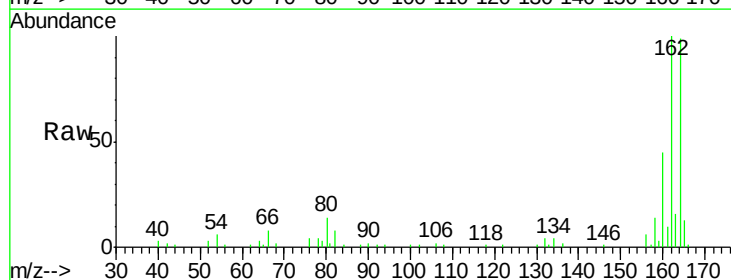
Instrument :
BNA_F
ClientSampleId :
PB81350BS

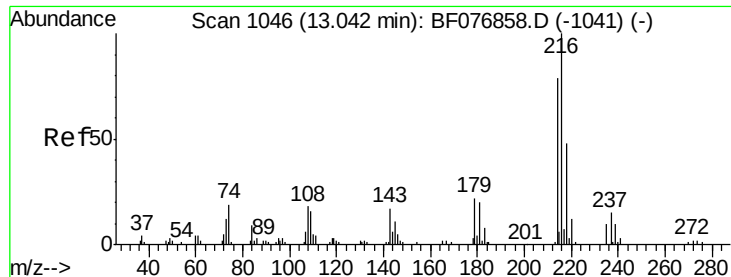
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.5	111.7
115	35.5	29.7	44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.4	123.6
160	45.1	34.8	52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.20 ng

RT: 12.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB81350BS

Tot Ion:216 Resp: 70077

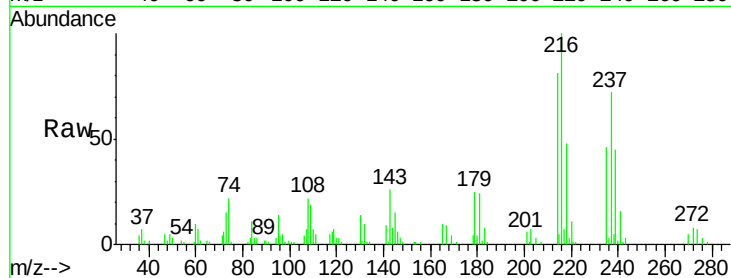
Ion Ratio Lower Upper

216 100

214 78.7 64.9 97.3

179 24.6 18.6 28.0

108 23.0 18.1 27.1

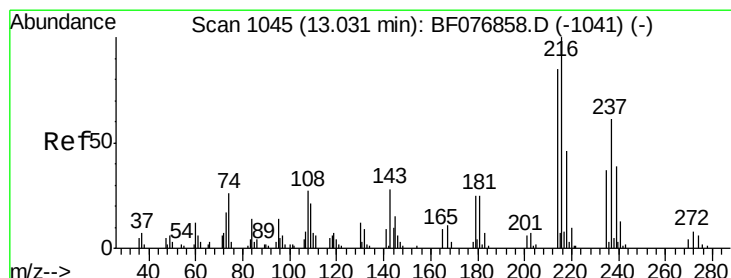
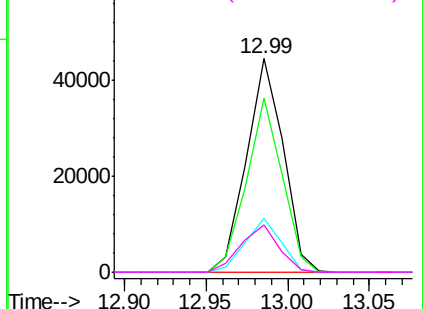
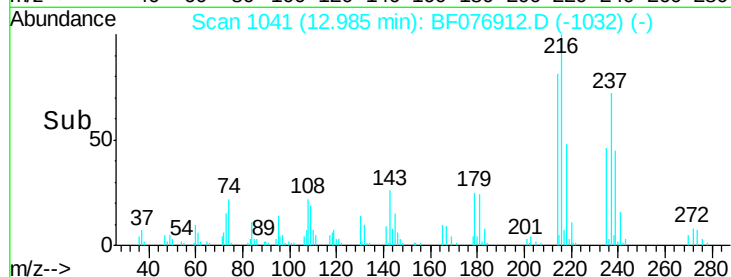


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 55.89 ng

RT: 12.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

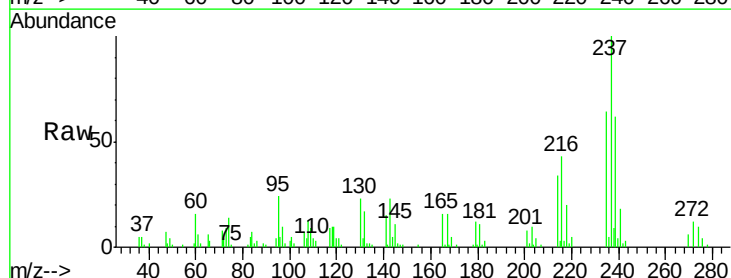
Tgt Ion:237 Resp: 75502

Ion Ratio Lower Upper

237 100

235 64.0 40.4 80.4

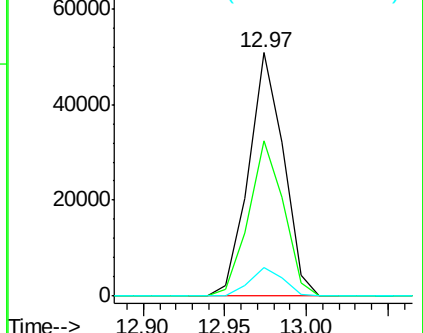
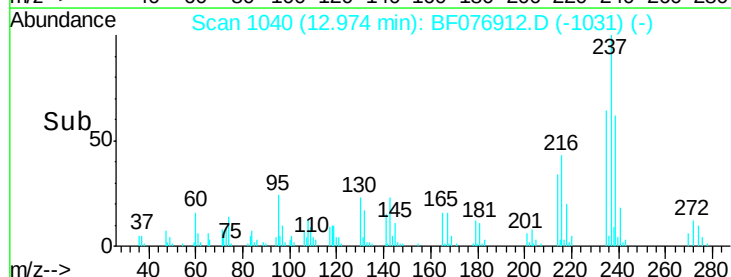
272 12.0 0.0 33.2

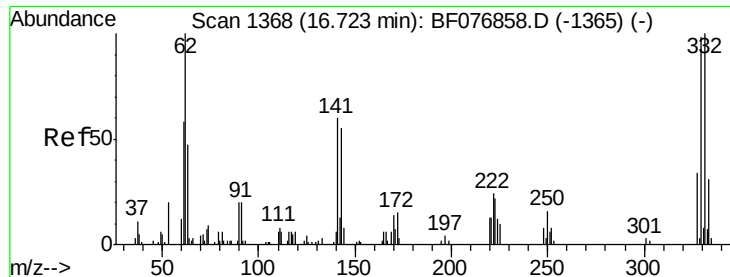


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

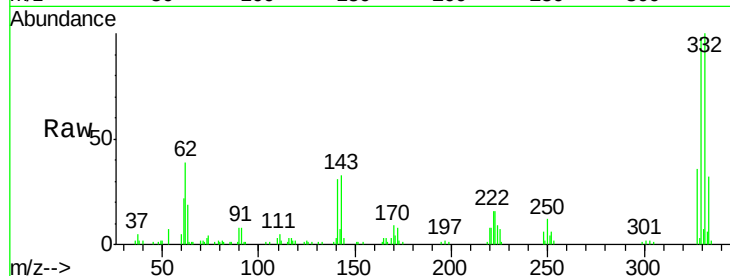




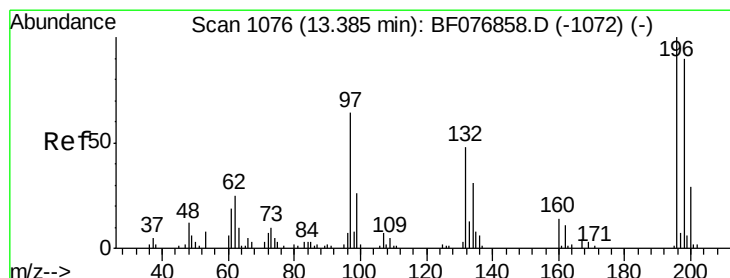
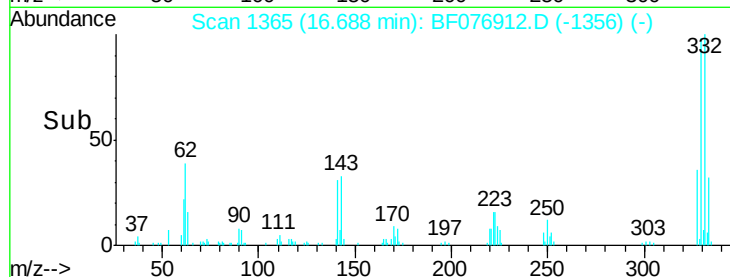
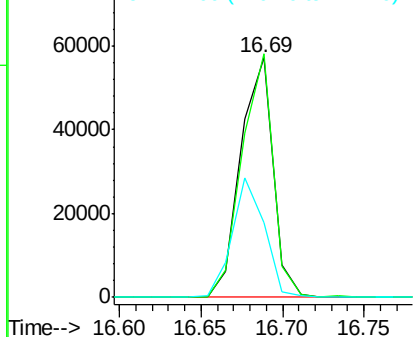
#41
 2,4,6-Tribromophenol
 Concen: 92.62 ng
 RT: 16.69 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB81350BS

Tot Ion:330 Resp: 78354
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.8 116.6
 141 49.5 38.5 57.7

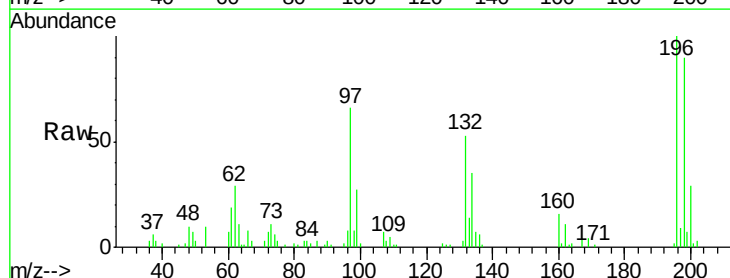


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

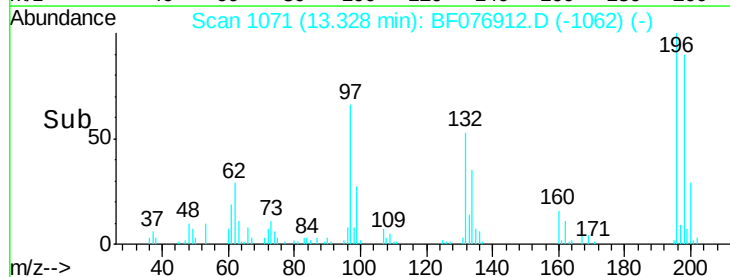
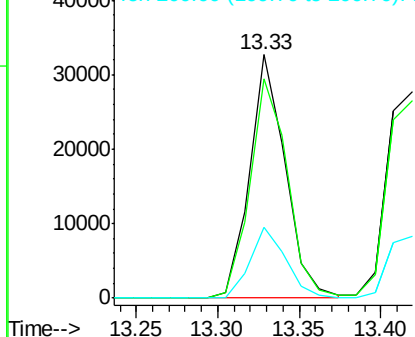


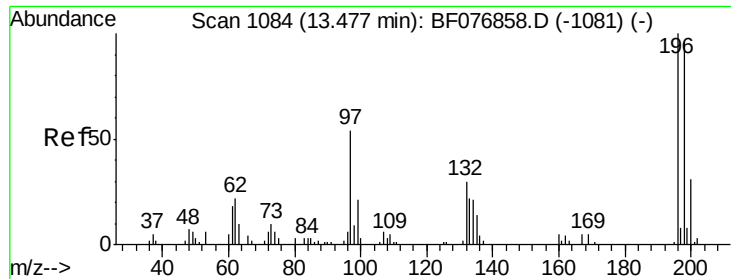
#42
 2,4,6-Trichlorophenol
 Concen: 26.44 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Tgt Ion:196 Resp: 49643
 Ion Ratio Lower Upper
 196 100
 198 90.2 72.0 108.0
 200 28.8 23.4 35.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

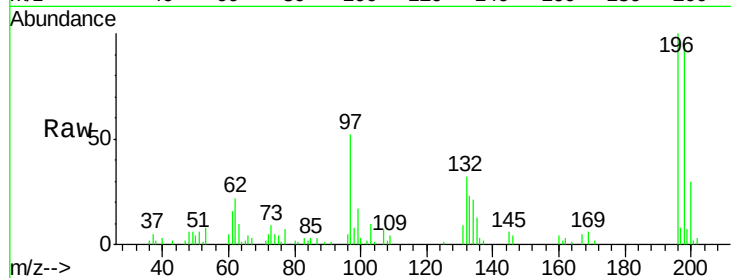




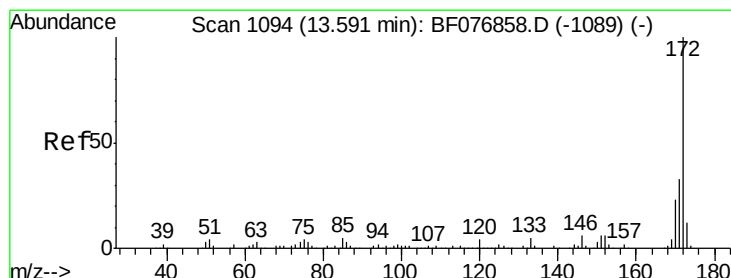
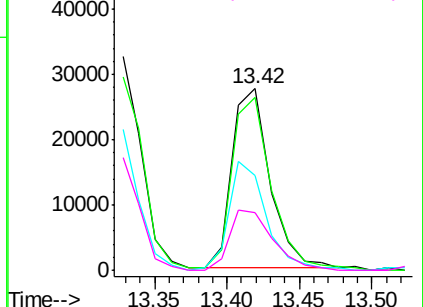
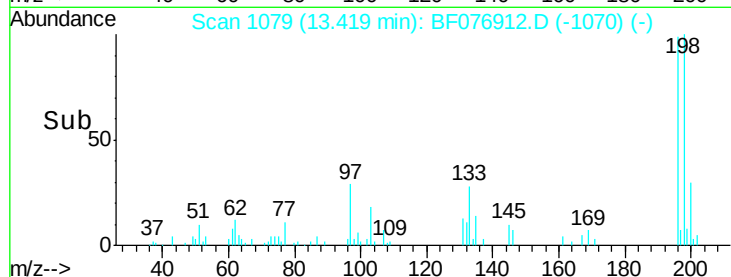
#43
 2,4,5-Trichlorophenol
 Concen: 26.11 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB81350BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.6	115.0
97	52.4	43.4	65.0
132	31.6	23.7	35.5

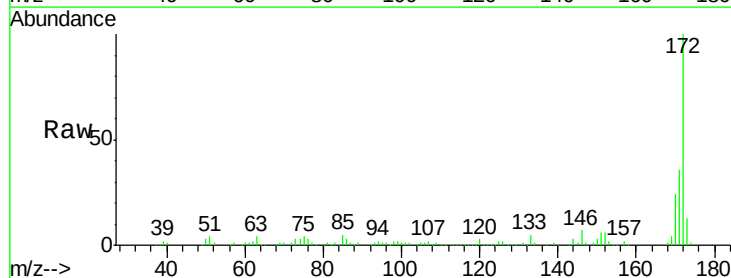


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

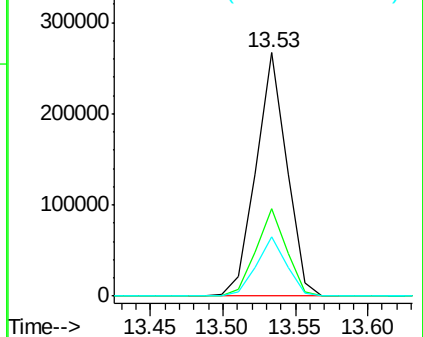
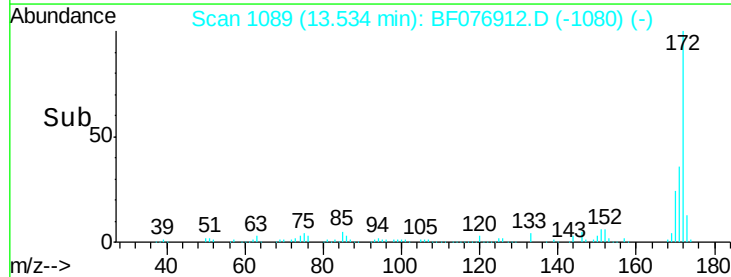


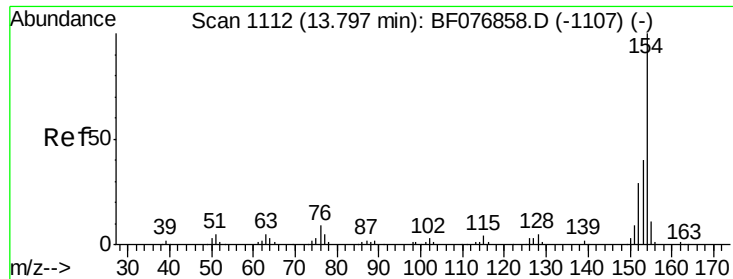
#44
 2-Fluorobiphenyl
 Concen: 57.30 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.6	40.0
170	24.4	18.0	27.0



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

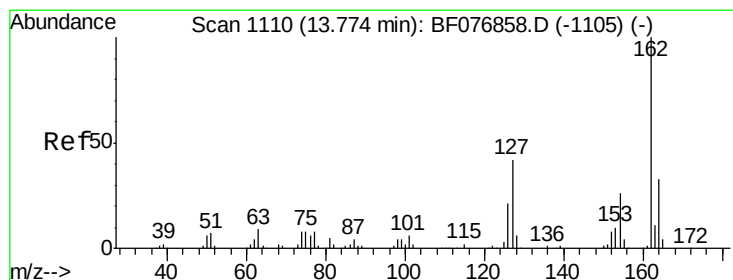
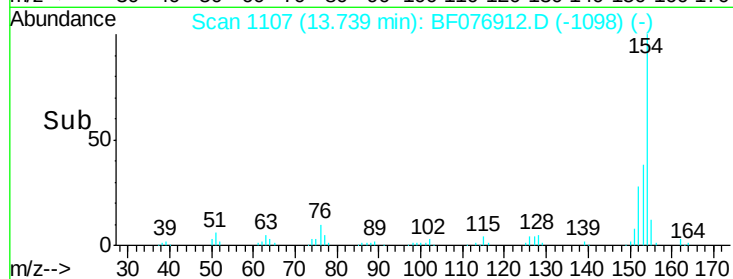
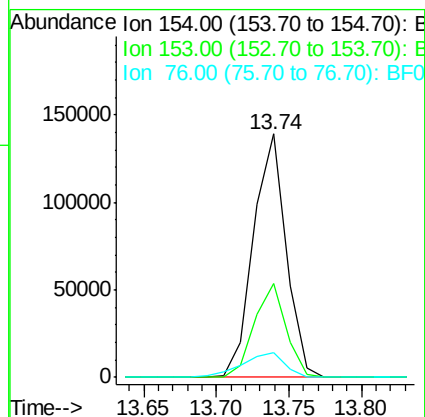
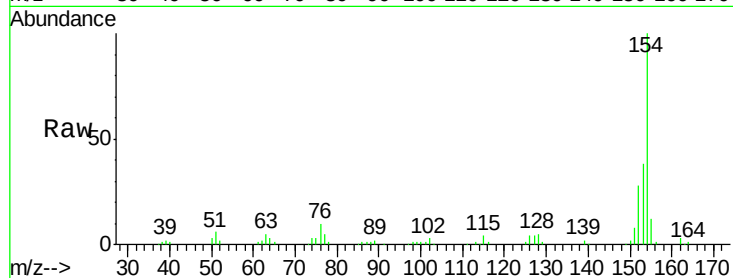




#45
 1,1'-Biphenyl
 Concen: 28.04 ng
 RT: 13.74 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

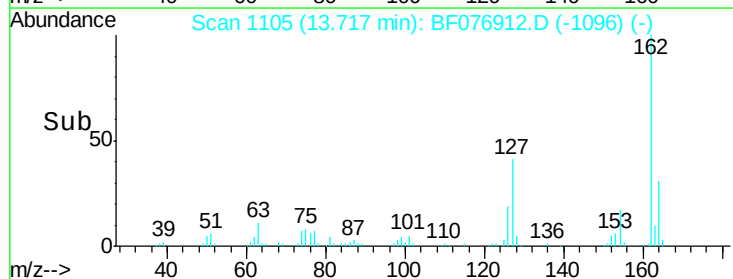
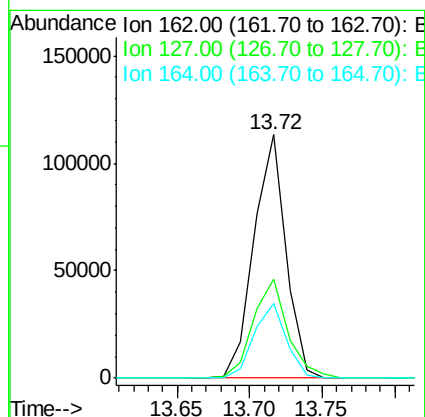
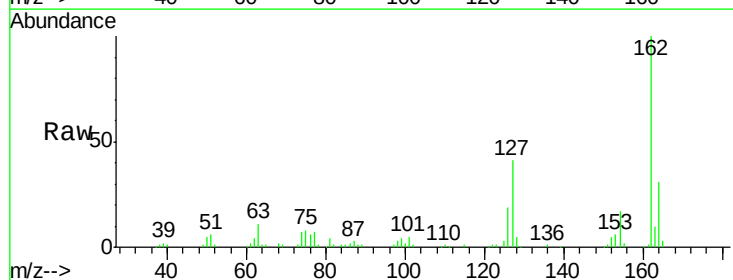
Instrument :
 BNA_F
 ClientSampleId :
 PB81350BS

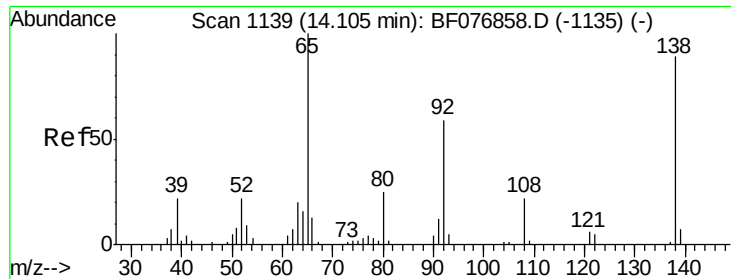
Tot Ion:154 Resp: 216663
 Ion Ratio Lower Upper
 154 100
 153 38.4 20.2 60.2
 76 10.3 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 27.25 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Tgt Ion:162 Resp: 173269
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.8 50.6
 164 30.7 26.8 40.2

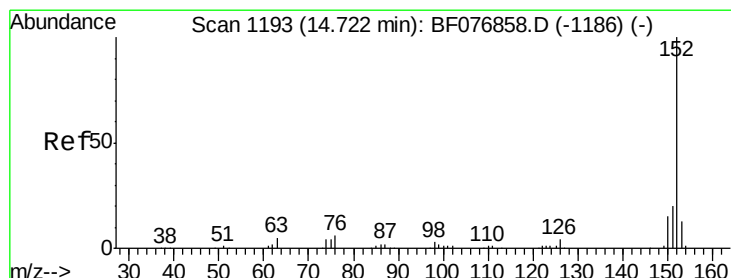
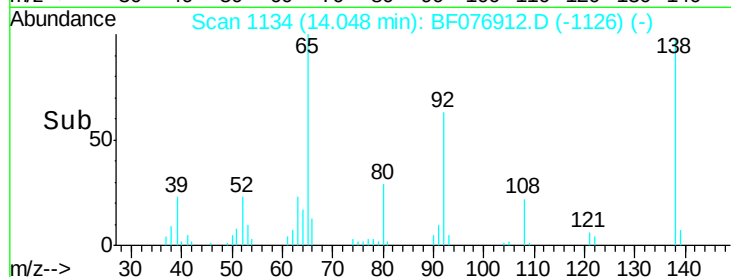
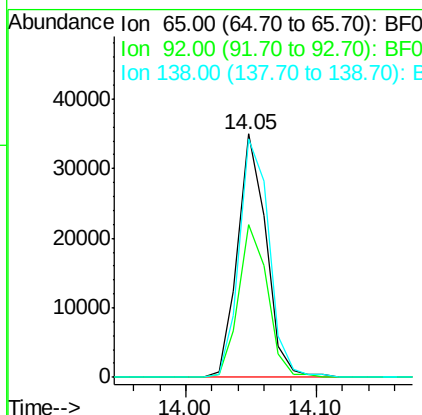
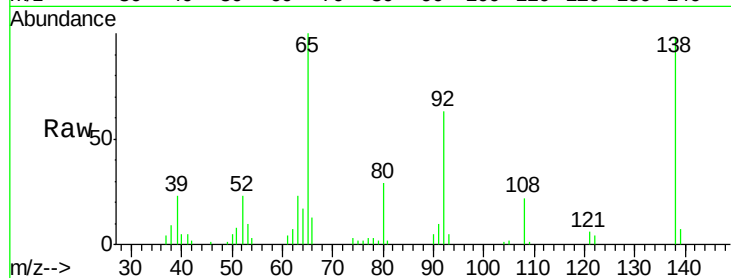




#47
2-Nitroaniline
Concen: 27.59 ng
RT: 14.05 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

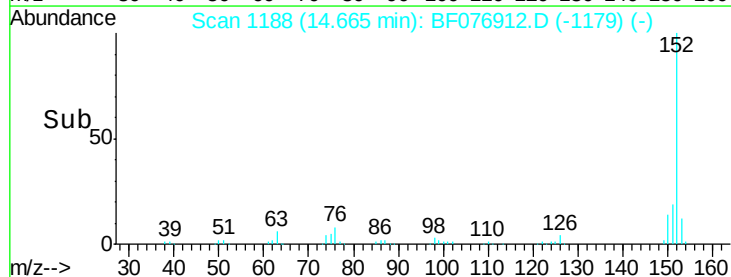
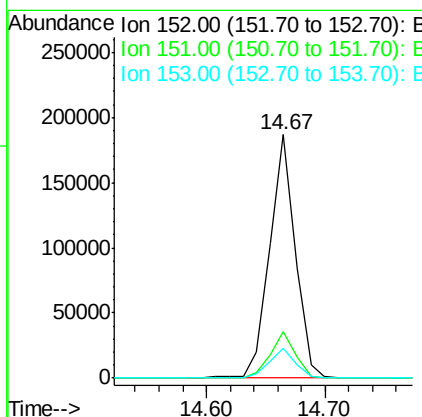
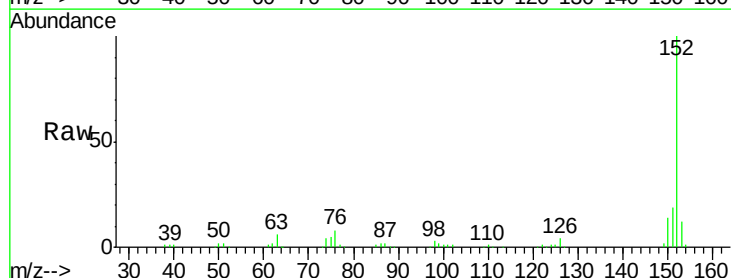
Instrument :
BNA_F
ClientSampleId :
PB81350BS

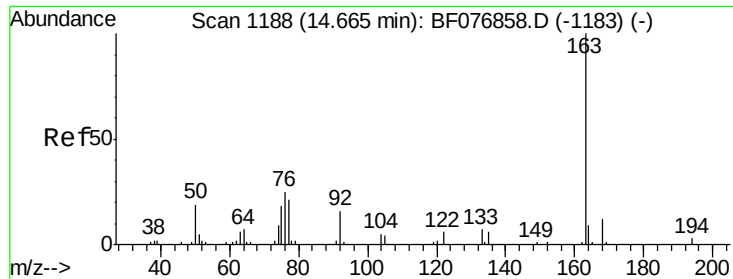
Tot Ion: 65 Resp: 53216
Ion Ratio Lower Upper
65 100
92 62.8 47.3 70.9
138 97.7 71.4 107.2



#48
Acenaphthylene
Concen: 26.12 ng
RT: 14.67 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion: 152 Resp: 280135
Ion Ratio Lower Upper
152 100
151 19.1 15.9 23.9
153 12.4 10.2 15.4





#49

Dimethylphthalate

Concen: 27.97 ng

RT: 14.61 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB81350BS

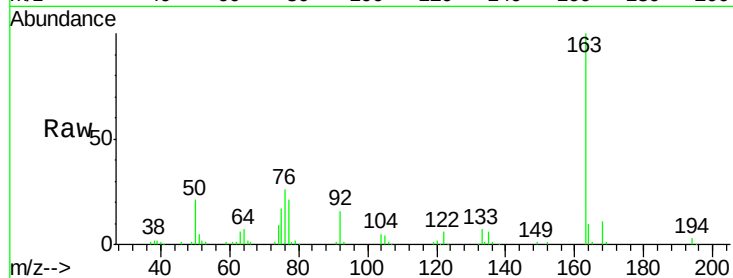
Tot Ion:163 Resp: 206754

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

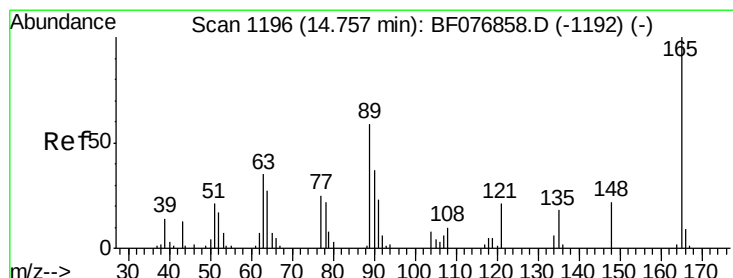
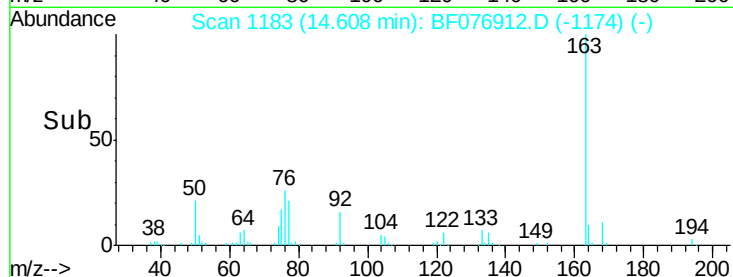
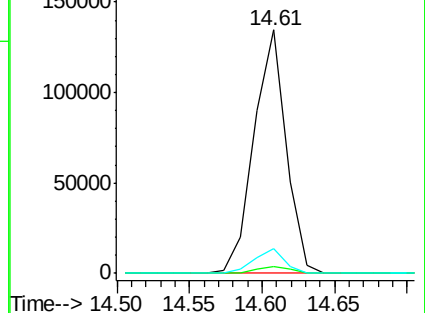
164 10.2 7.5 11.3



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: 28.60 ng

RT: 14.70 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

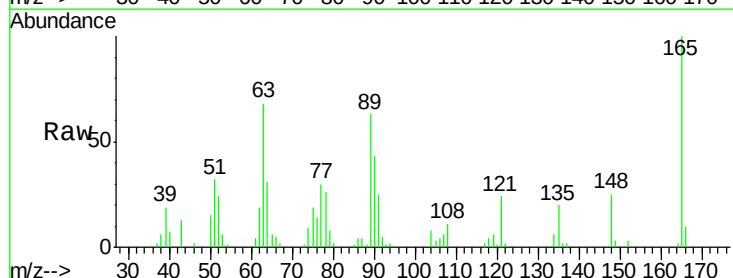
Tgt Ion:165 Resp: 42230

Ion Ratio Lower Upper

165 100

63 68.3 48.1 72.1

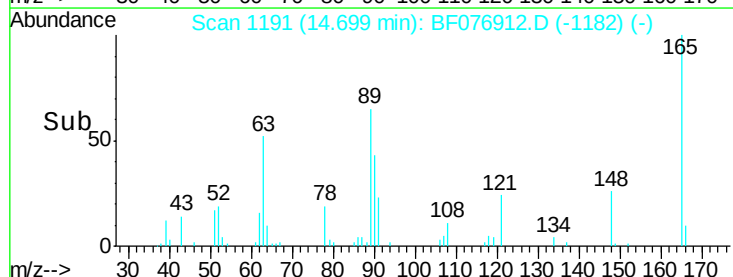
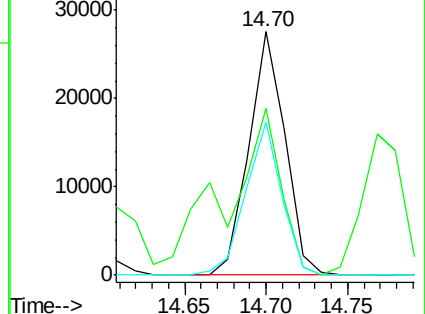
89 62.6 47.2 70.8

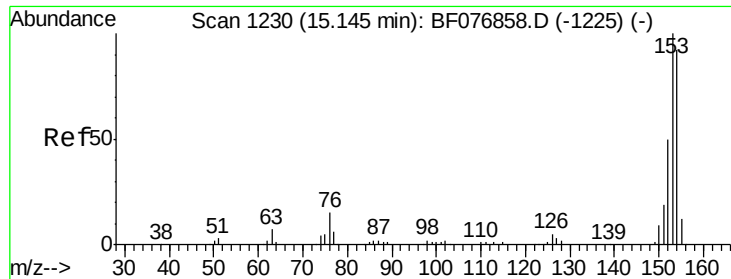


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 25.45 ng

RT: 15.09 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB81350BS

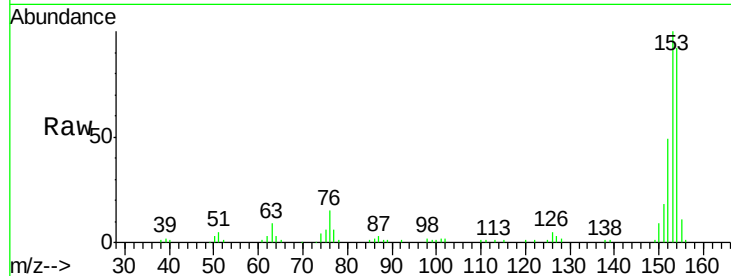
Tot Ion:154 Resp: 154879

Ion Ratio Lower Upper

154 100

153 108.8 87.0 130.6

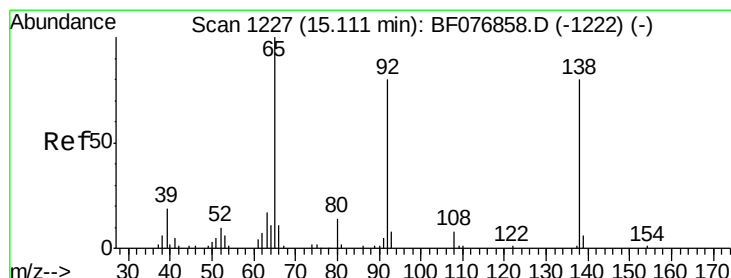
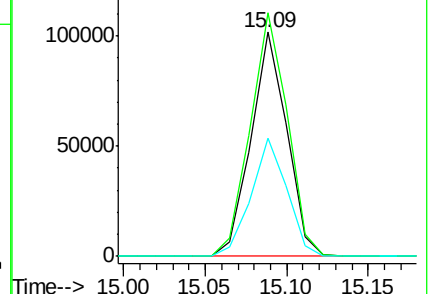
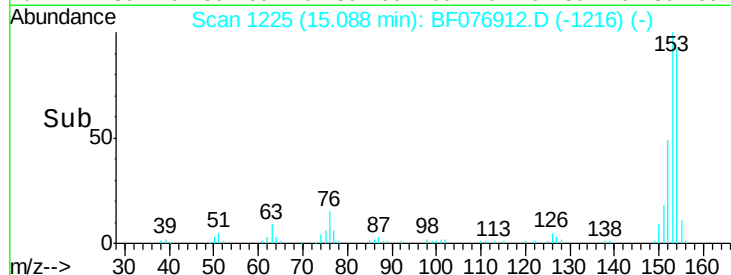
152 53.0 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.42 ng

RT: 15.04 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

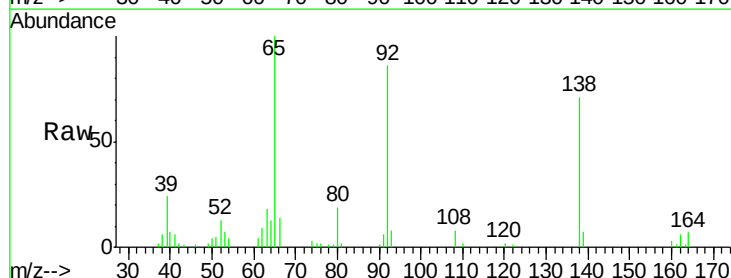
Tgt Ion:138 Resp: 33278

Ion Ratio Lower Upper

138 100

108 10.8 8.3 12.5

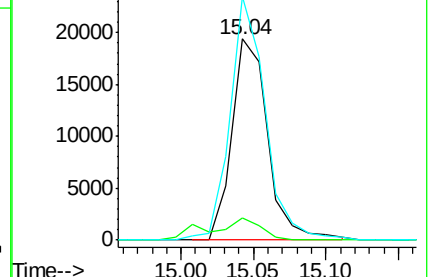
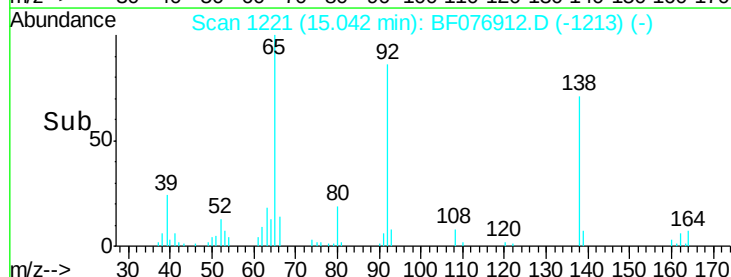
92 121.1 80.9 121.3

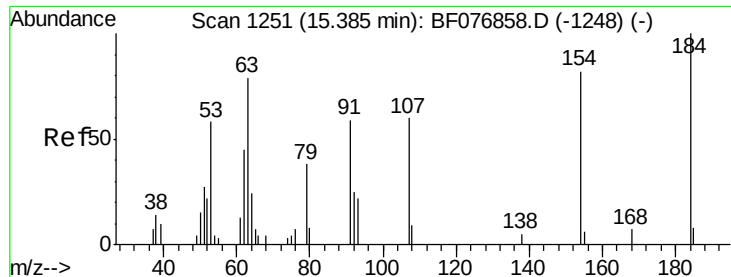


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

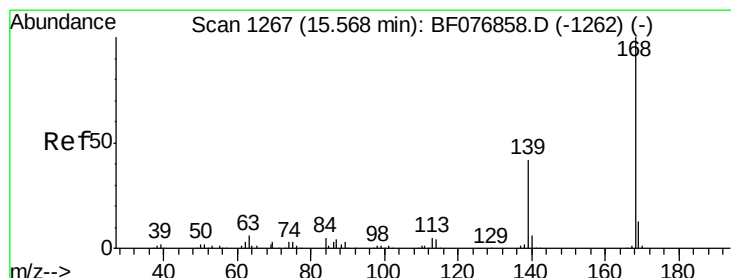
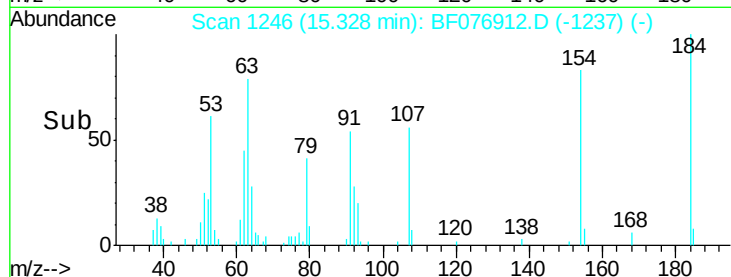
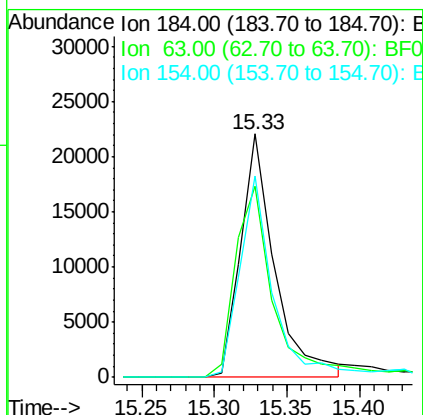
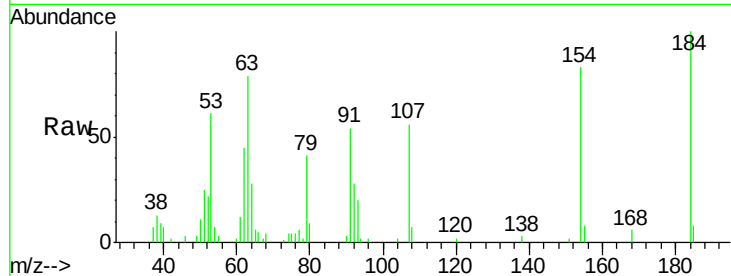




#53
2,4-Dinitrophenol
Concen: 56.02 ng
RT: 15.33 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

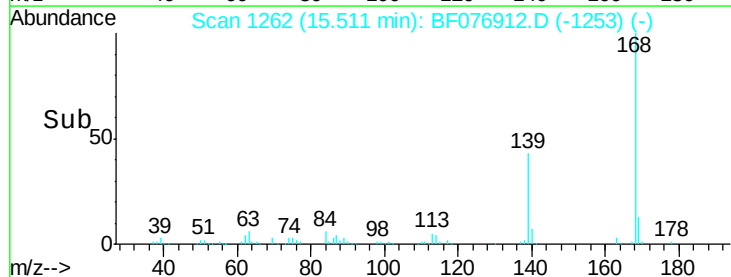
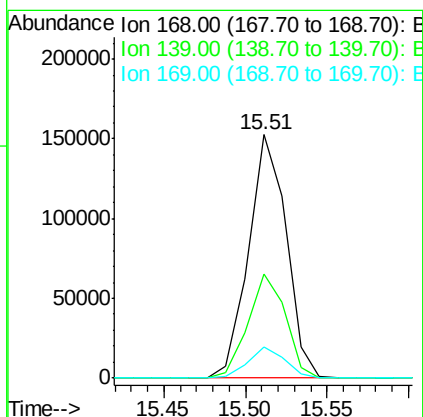
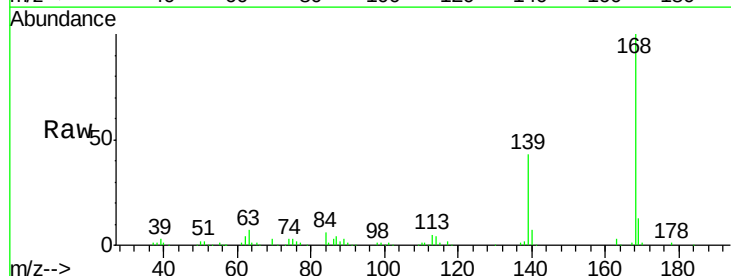
Instrument :
BNA_F
ClientSampleId :
PB81350BS

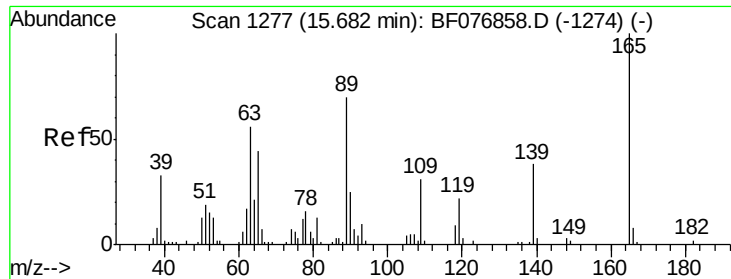
Tot Ion:184 Resp: 35959
Ion Ratio Lower Upper
184 100
63 78.7 63.0 94.6
154 82.9 65.5 98.3



#54
Dibenzofuran
Concen: 27.58 ng
RT: 15.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion:168 Resp: 244480
Ion Ratio Lower Upper
168 100
139 42.8 33.4 50.2
169 12.7 10.6 15.8

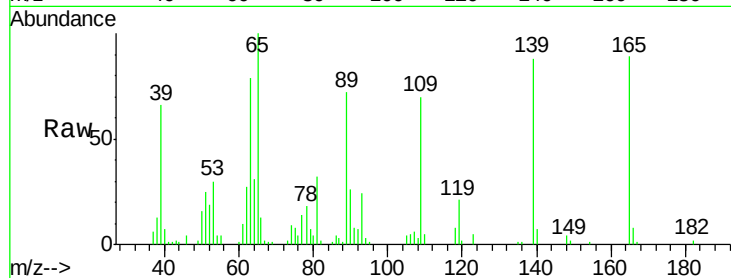




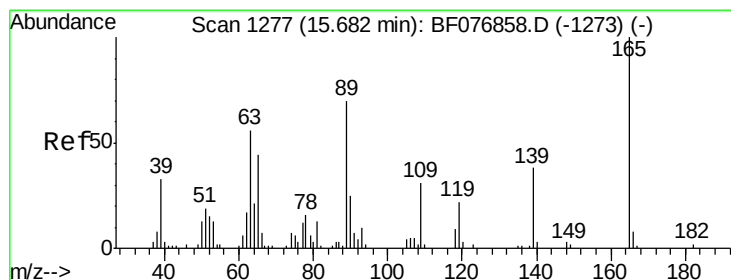
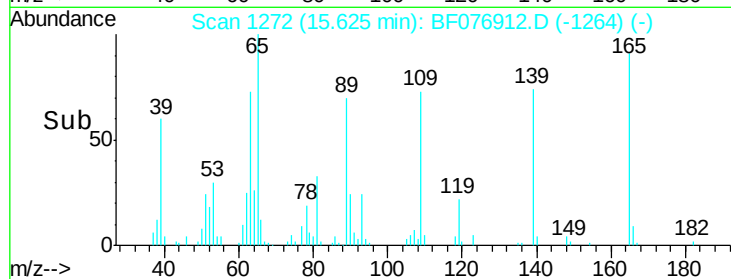
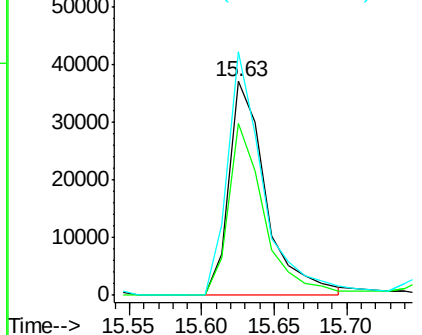
#55
4-Nitrophenol
Concen: 57.12 ng
RT: 15.63 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Instrument :
BNA_F
ClientSampleId :
PB81350BS

Tot Ion:139 Resp: 66175
Ion Ratio Lower Upper
139 100
109 80.2 61.0 101.0
65 113.8 96.6 136.6

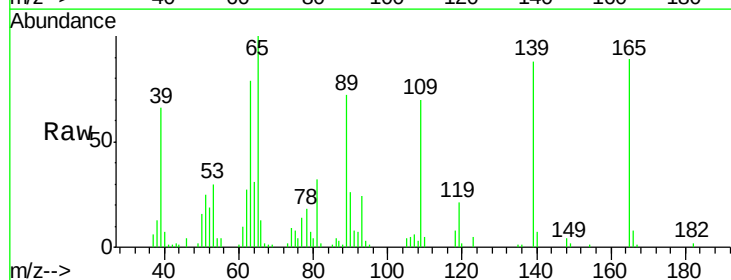


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

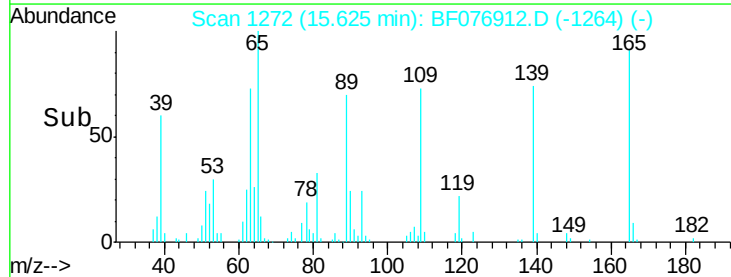
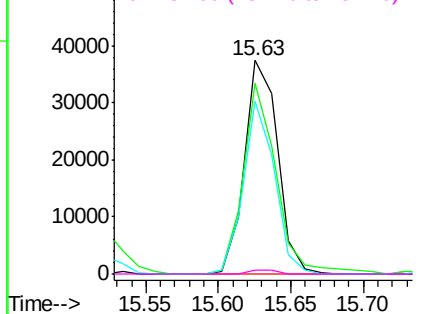


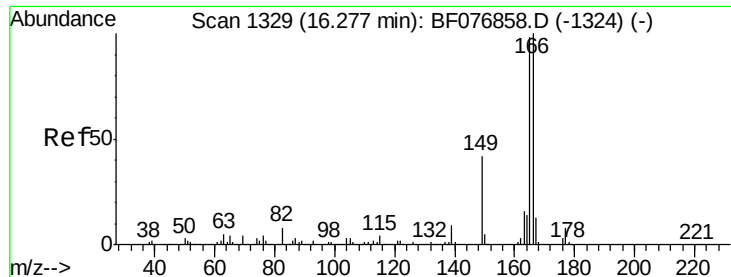
#56
2,4-Dinitrotoluene
Concen: 27.68 ng
RT: 15.63 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion:165 Resp: 59214
Ion Ratio Lower Upper
165 100
63 89.2 44.8 67.2#
89 80.9 56.2 84.2
182 1.7 1.5 2.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

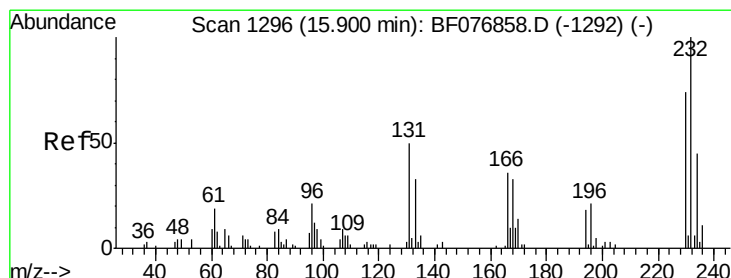
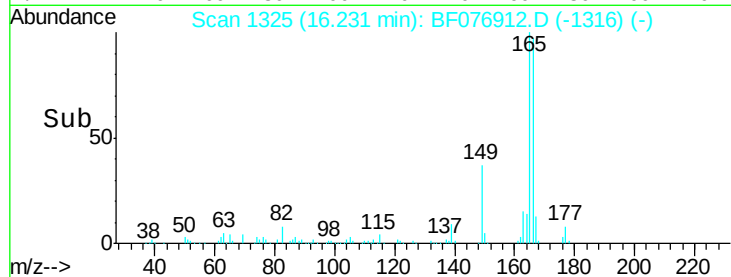
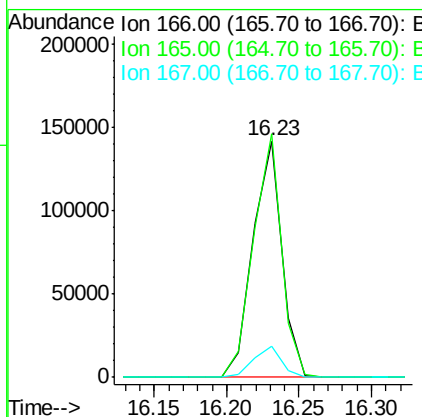
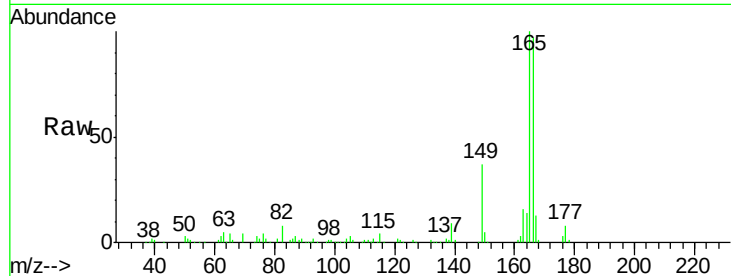




#57
 Fluorene
 Concen: 26.08 ng
 RT: 16.23 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

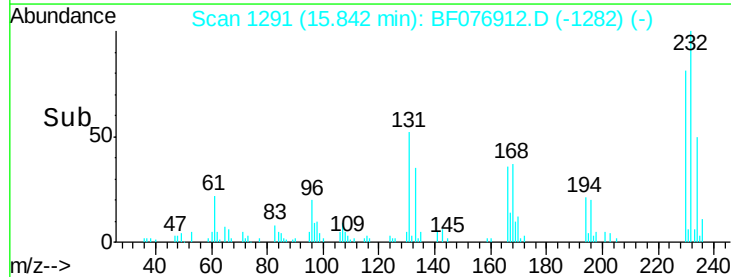
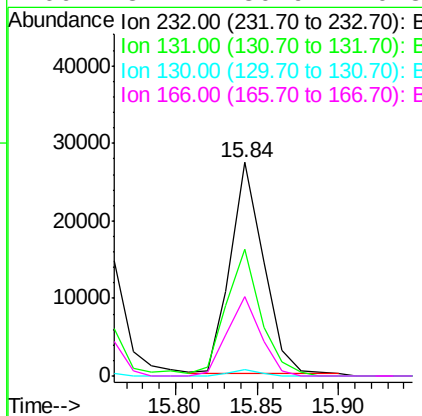
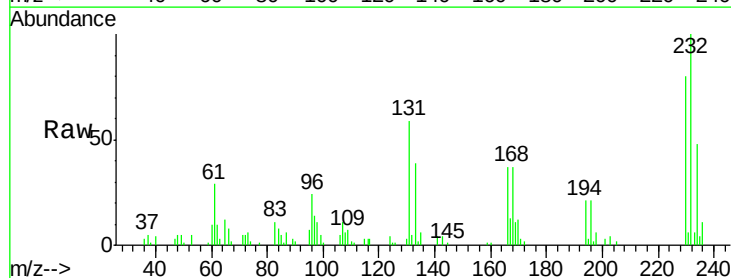
Instrument :
 BNA_F
 ClientSampleId :
 PB81350BS

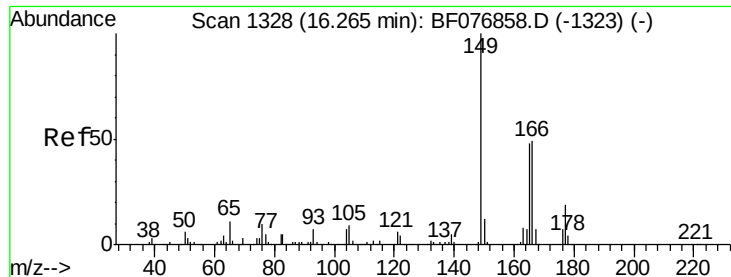
Tot Ion:166 Resp: 195884
 Ion Ratio Lower Upper
 166 100
 165 103.1 78.5 117.7
 167 13.3 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.49 ng
 RT: 15.84 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Tgt Ion:232 Resp: 38333
 Ion Ratio Lower Upper
 232 100
 131 63.3 45.0 67.6
 130 2.8 2.6 3.8
 166 37.7 30.9 46.3

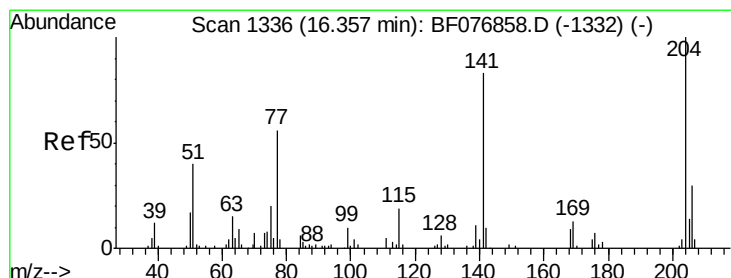
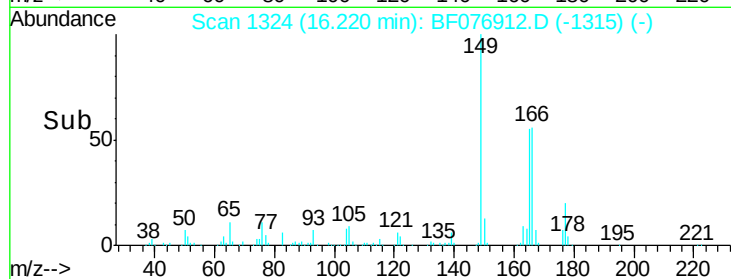
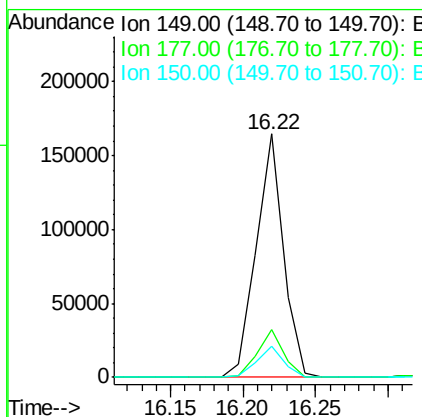
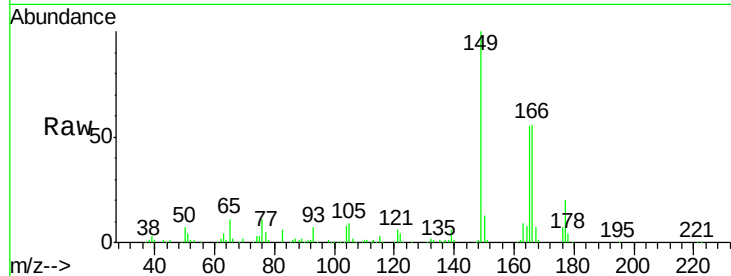




#59
Diethylphthalate
Concen: 28.72 ng
RT: 16.22 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

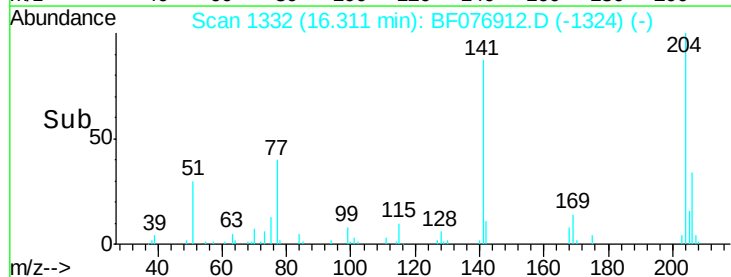
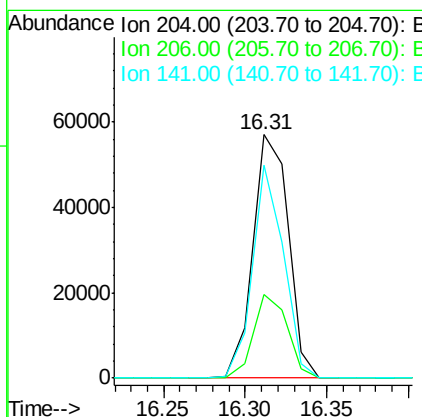
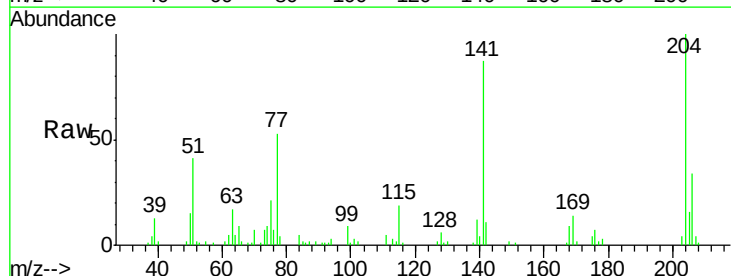
Instrument :
BNA_F
ClientSampleId :
PB81350BS

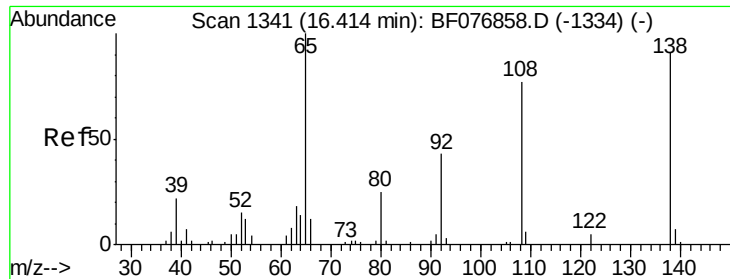
Tot Ion:149 Resp: 214509
Ion Ratio Lower Upper
149 100
177 19.8 15.0 22.6
150 12.6 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 28.03 ng
RT: 16.31 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion:204 Resp: 86132
Ion Ratio Lower Upper
204 100
206 34.5 24.2 36.2
141 87.3 66.7 100.1

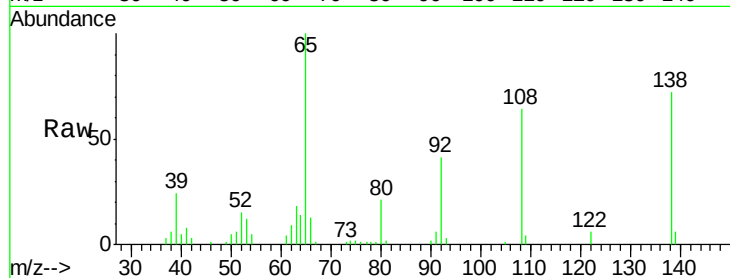




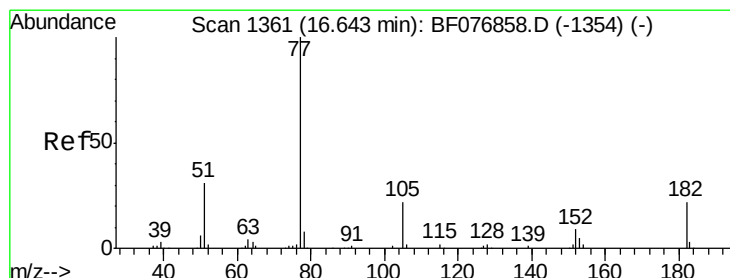
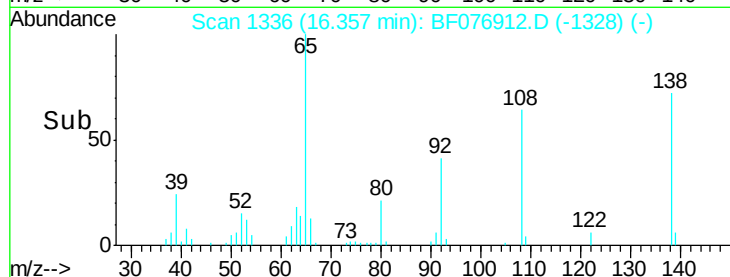
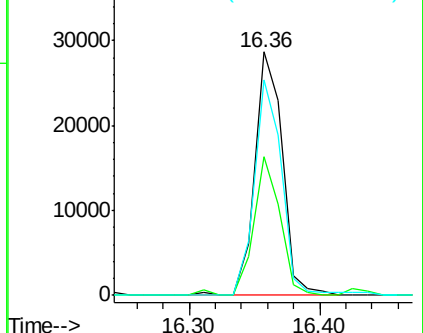
#61
4-Nitroaniline
Concen: 23.47 ng
RT: 16.36 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Instrument :
BNA_F
ClientSampleId :
PB81350BS

Tot Ion:138 Resp: 42296
Ion Ratio Lower Upper
138 100
92 57.0 26.7 66.7
108 88.4 64.5 104.5

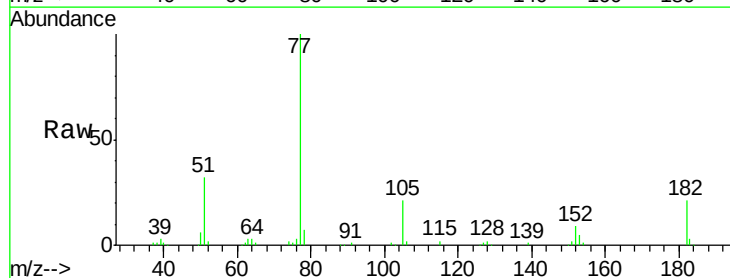


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

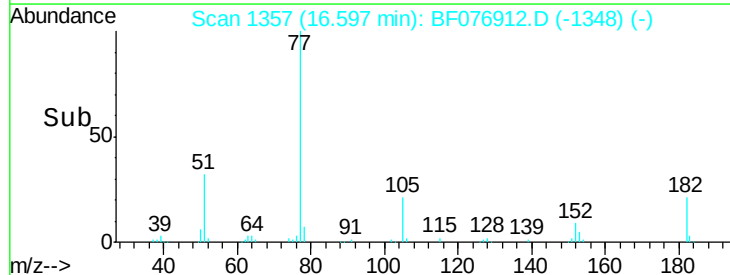
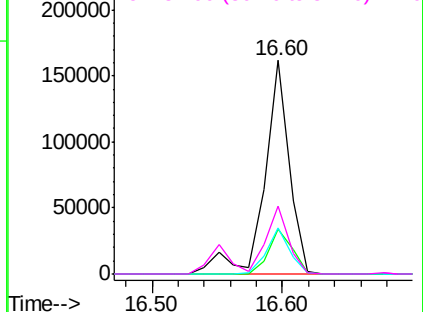


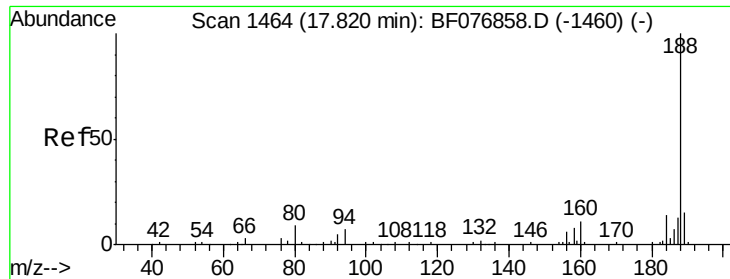
#62
Azobenzene
Concen: 27.83 ng
RT: 16.60 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion: 77 Resp: 216596
Ion Ratio Lower Upper
77 100
182 20.8 2.0 42.0
105 21.4 2.3 42.3
51 31.9 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

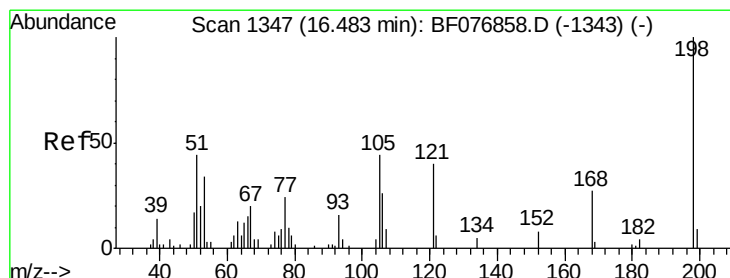
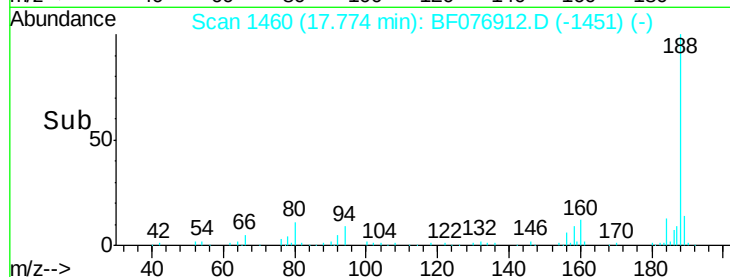
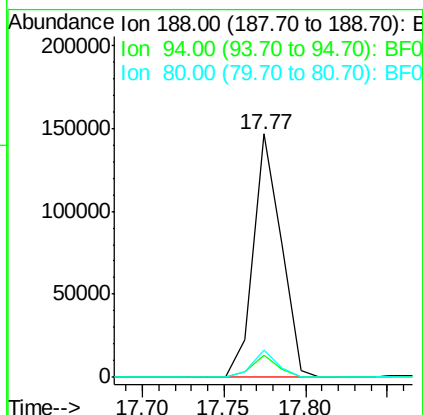
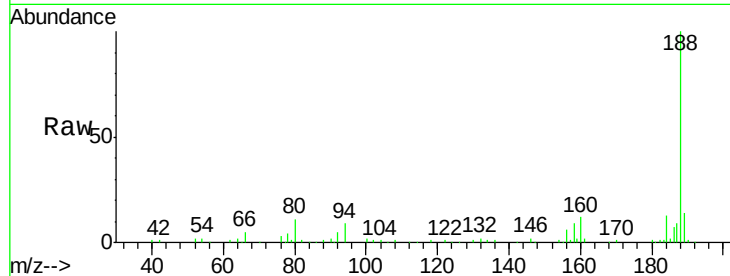




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

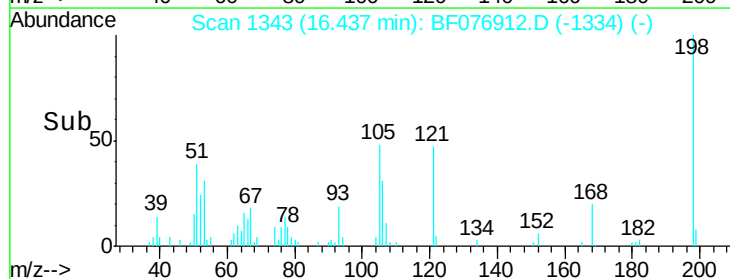
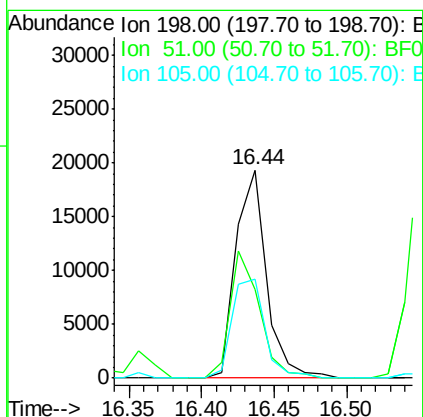
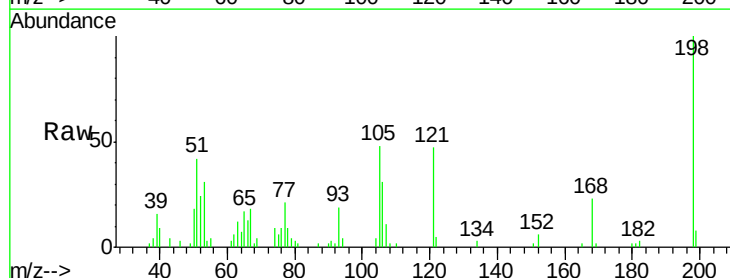
Instrument :
 BNA_F
 ClientSampleId :
 PB81350BS

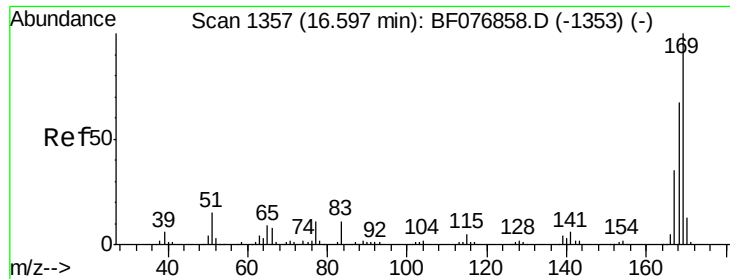
Tot Ion:188 Resp: 174537
 Ion Ratio Lower Upper
 188 100
 94 9.0 6.0 9.0
 80 11.1 6.9 10.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 26.79 ng
 RT: 16.44 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Tgt Ion:198 Resp: 28286
 Ion Ratio Lower Upper
 198 100
 51 42.5 24.2 64.2
 105 47.8 24.0 64.0

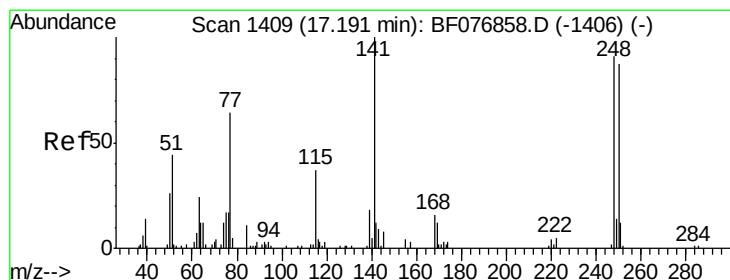
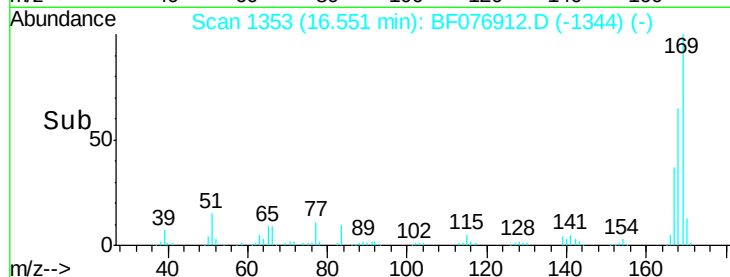
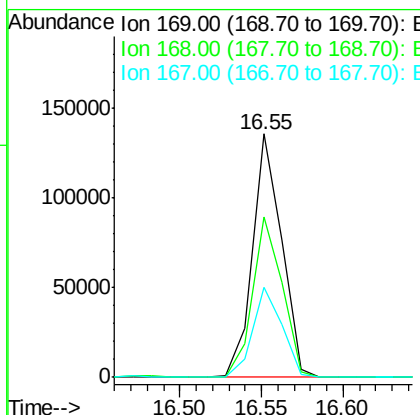
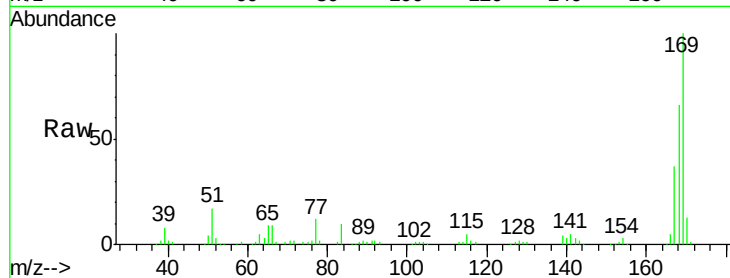




#65
 n-Nitrosodiphenylamine
 Concen: 27.00 ng
 RT: 16.55 min Scan# 1353
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

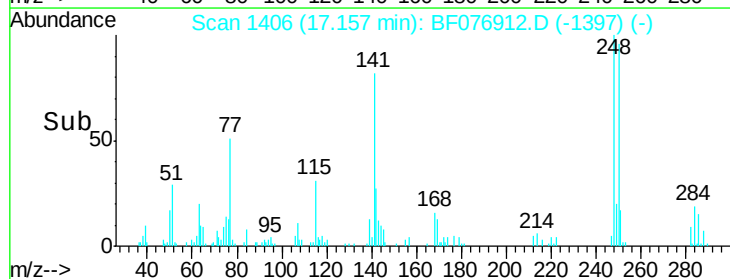
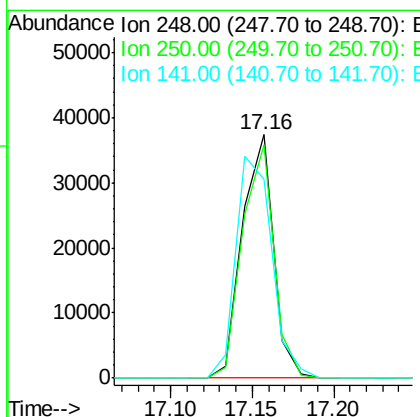
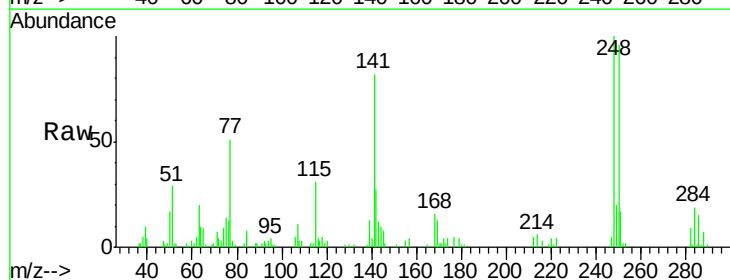
Instrument :
 BNA_F
 ClientSampleId :
 PB81350BS

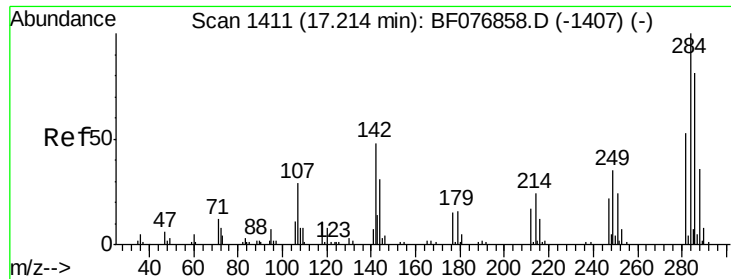
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.8	80.6
167	37.0	27.8	41.6



#66
 4-Bromophenyl-phenylether
 Concen: 27.92 ng
 RT: 17.16 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.1	115.7
141	81.8	88.2	132.4

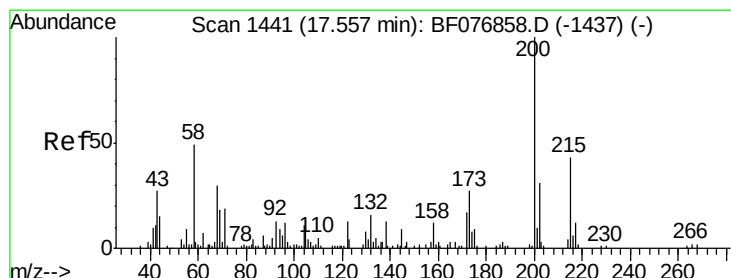
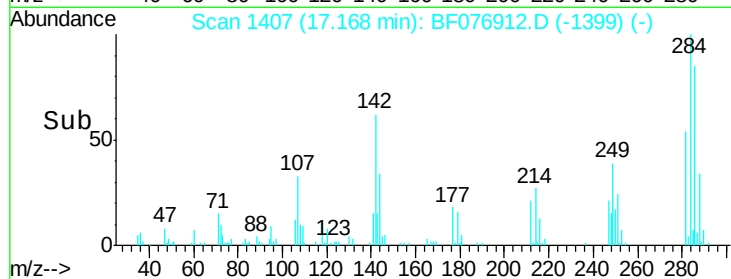
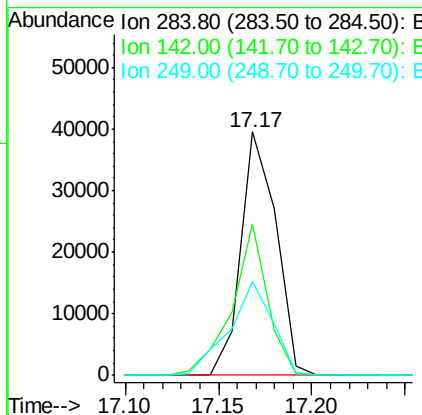
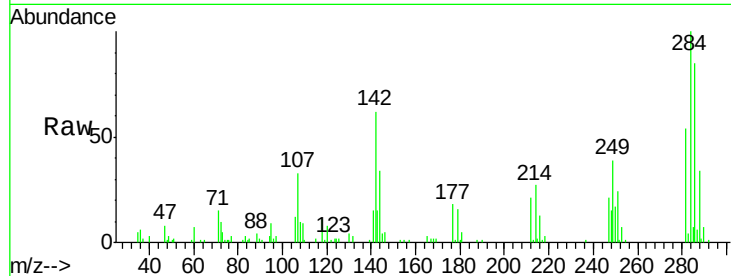




#67
Hexachlorobenzene
Concen: 27.73 ng
RT: 17.17 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

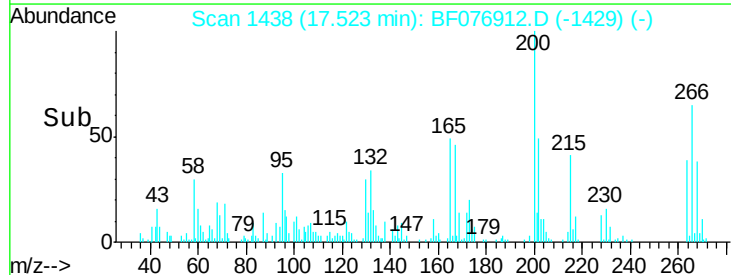
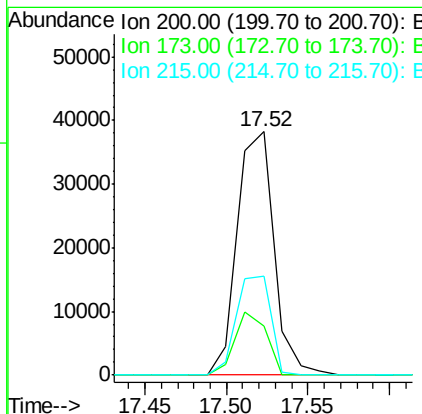
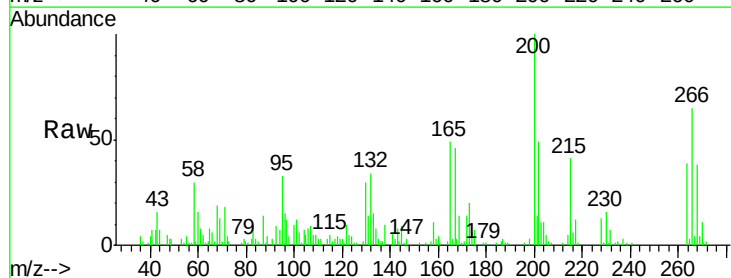
Instrument :
BNA_F
ClientSampleId :
PB81350BS

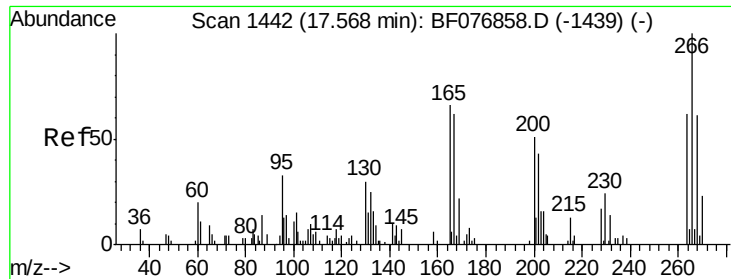
Tot Ion:284 Resp: 51677
Ion Ratio Lower Upper
284 100
142 62.1 38.2 57.4#
249 38.6 28.2 42.2



#68
Atrazine
Concen: 31.62 ng
RT: 17.52 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion:200 Resp: 59722
Ion Ratio Lower Upper
200 100
173 20.2 6.6 46.6
215 40.9 22.9 62.9

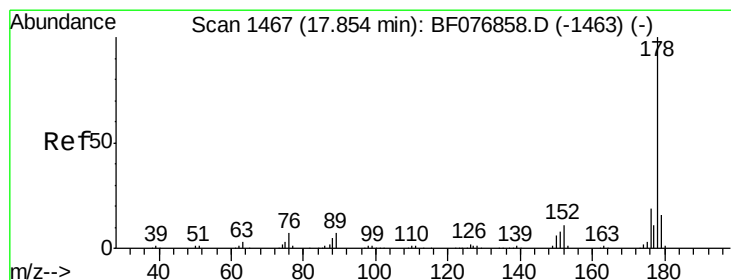
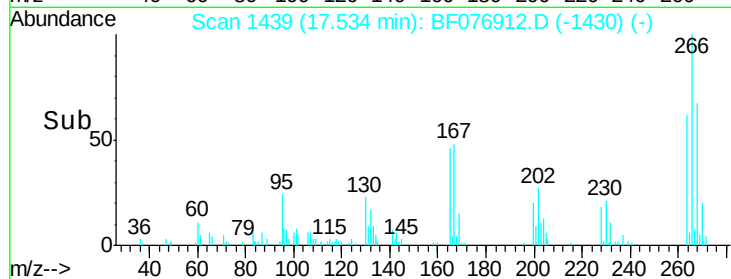
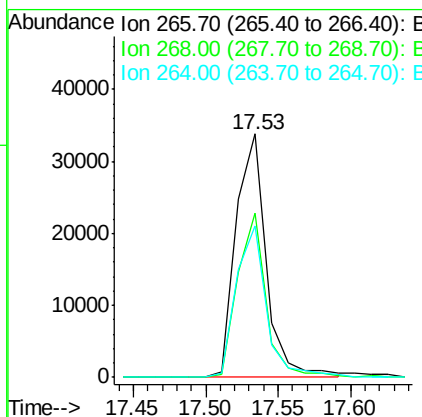
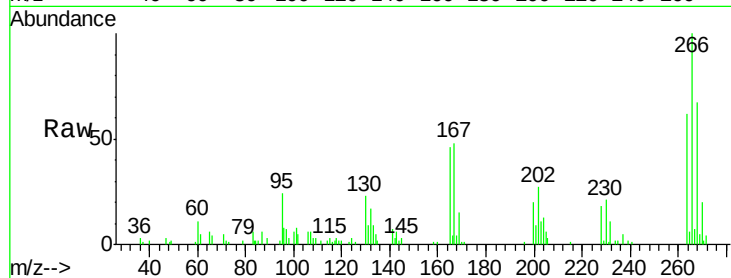




#69
 Pentachlorophenol
 Concen: 59.18 ng
 RT: 17.53 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

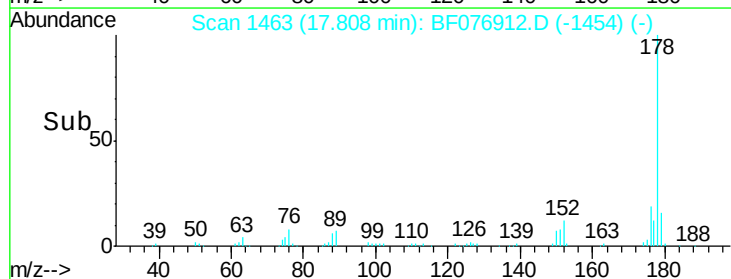
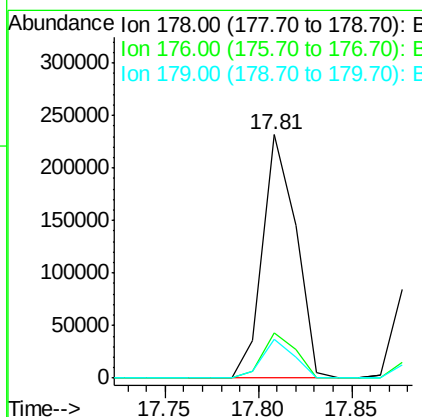
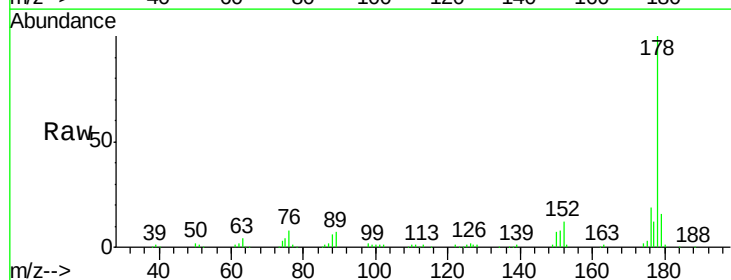
Instrument :
 BNA_F
 ClientSampleId :
 PB81350BS

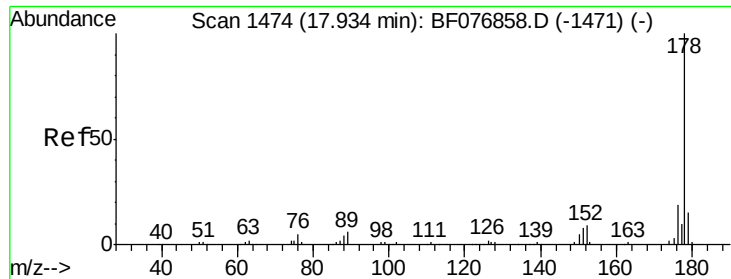
Tot Ion:266 Resp: 48898
 Ion Ratio Lower Upper
 266 100
 268 67.4 48.6 72.8
 264 62.1 49.5 74.3



#70
 Phenanthrene
 Concen: 26.34 ng
 RT: 17.81 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Tgt Ion:178 Resp: 286703
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 15.9 12.7 19.1

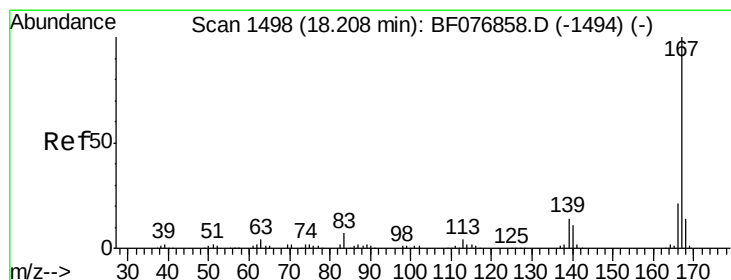
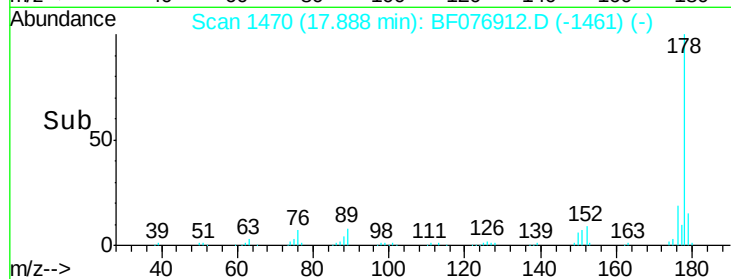
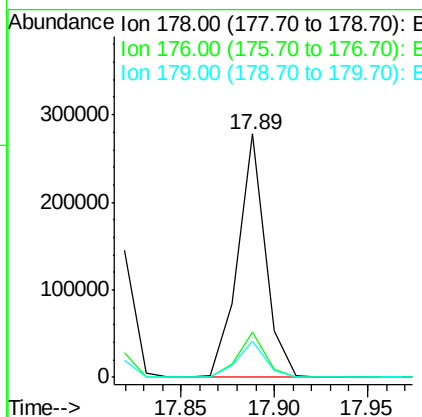
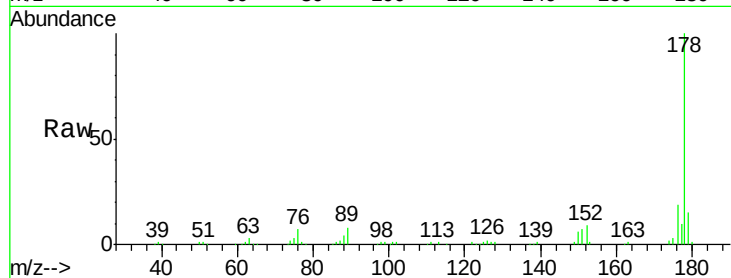




#71
 Anthracene
 Concen: 27.21 ng
 RT: 17.89 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

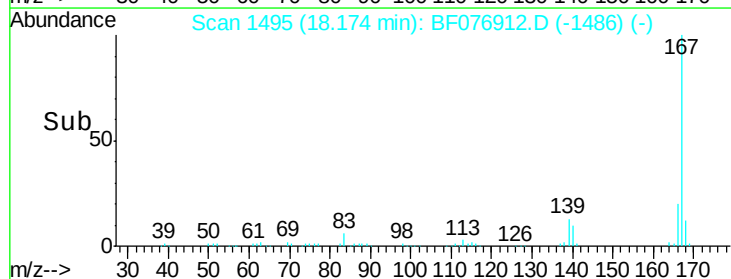
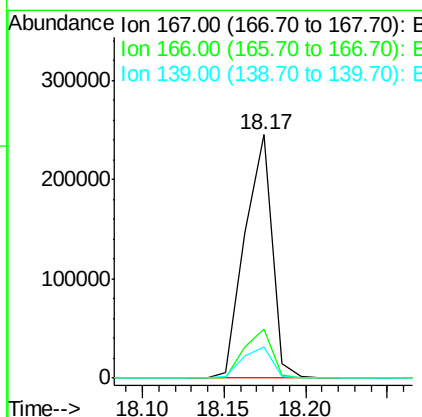
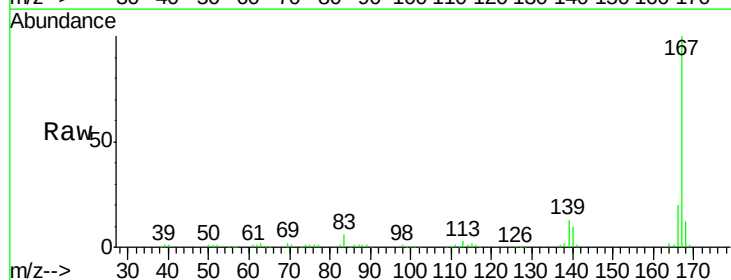
Instrument :
 BNA_F
 ClientSampleId :
 PB81350BS

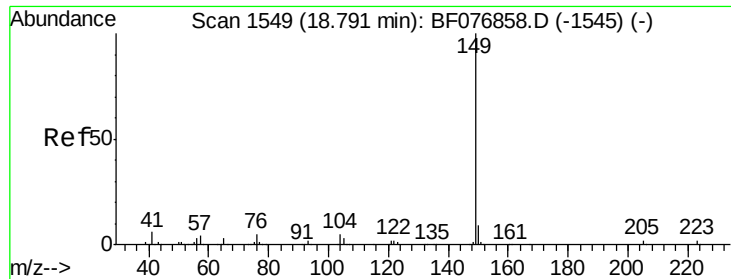
Tot Ion:178 Resp: 288803
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 14.8 11.9 17.9



#72
 Carbazole
 Concen: 27.59 ng
 RT: 18.17 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Tgt Ion:167 Resp: 284028
 Ion Ratio Lower Upper
 167 100
 166 20.2 17.0 25.6
 139 12.9 11.3 16.9





#73

Di-n-butylphthalate

Concen: 28.95 ng

RT: 18.76 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB81350BS

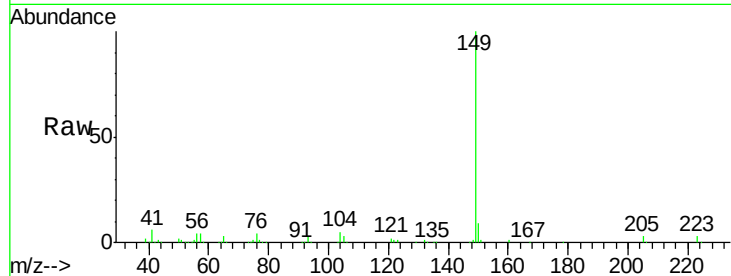
Tot Ion:149 Resp: 344926

Ion Ratio Lower Upper

149 100

150 9.3 6.9 10.3

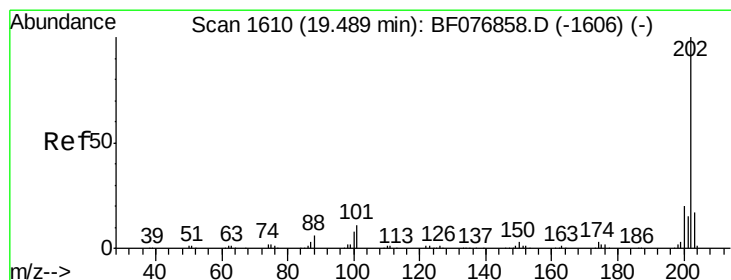
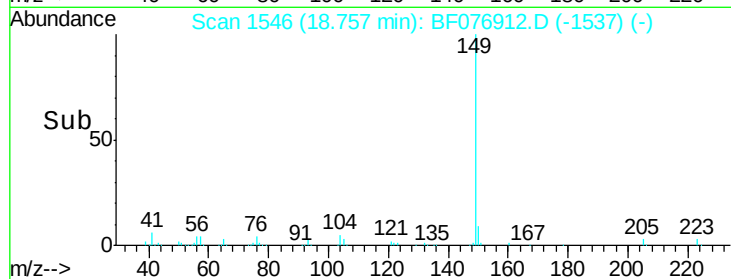
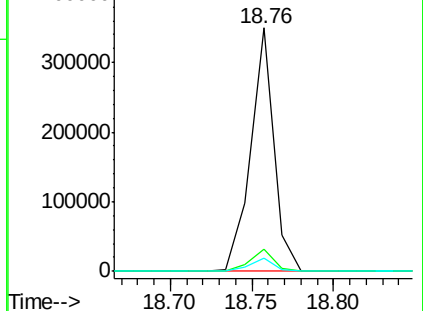
104 5.2 3.7 5.5



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: 26.95 ng

RT: 19.45 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

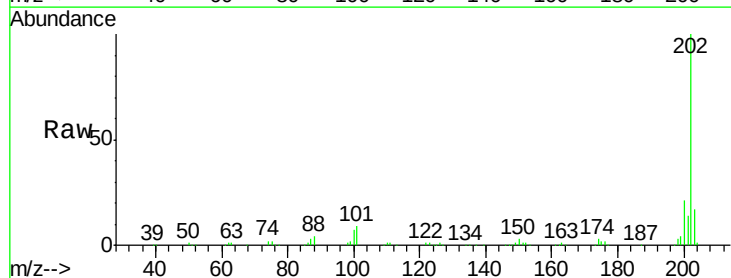
Tgt Ion:202 Resp: 300602

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.7

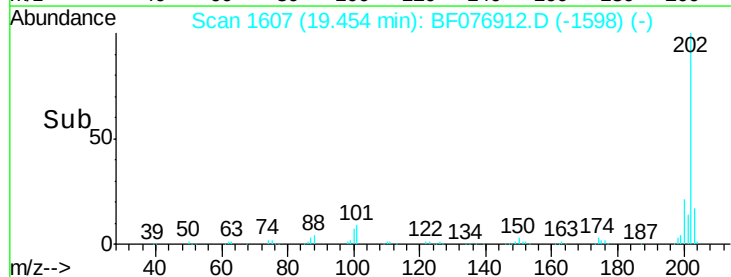
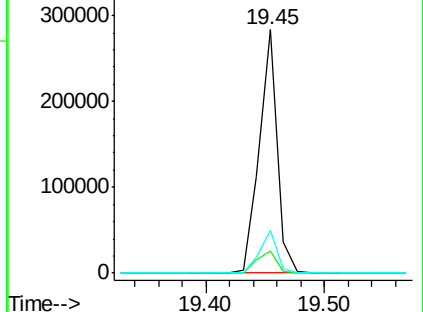
203 17.4 0.0 36.9

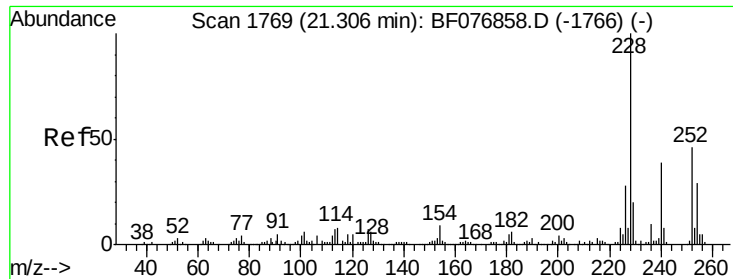


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

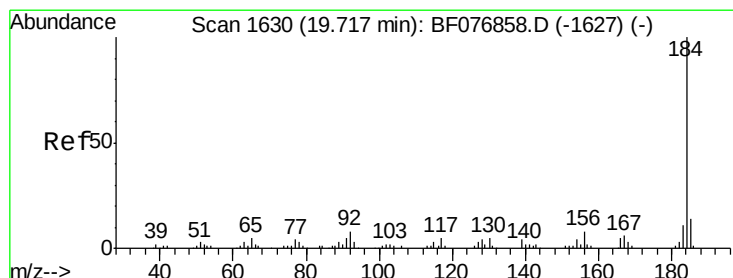
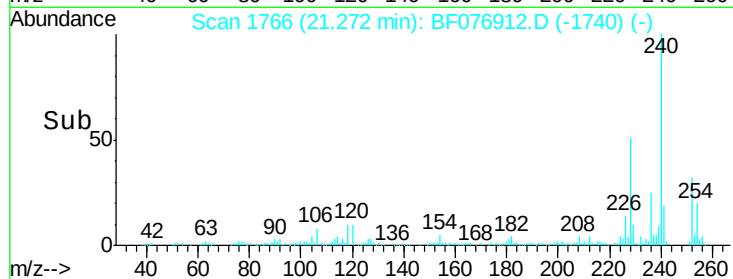
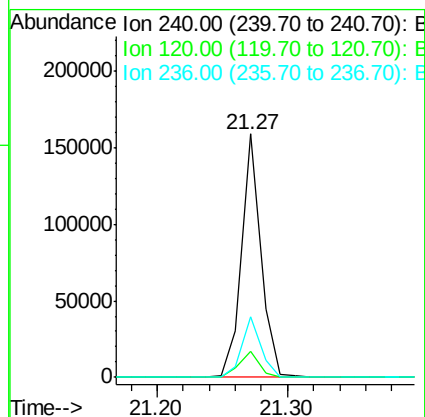
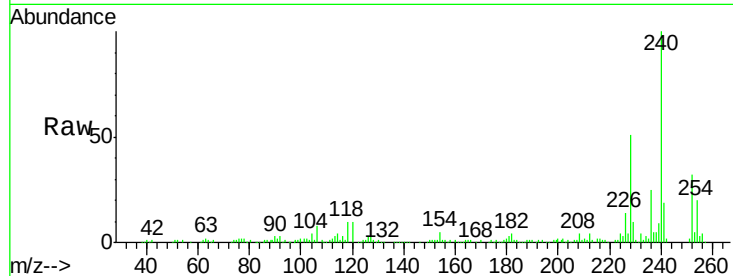




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

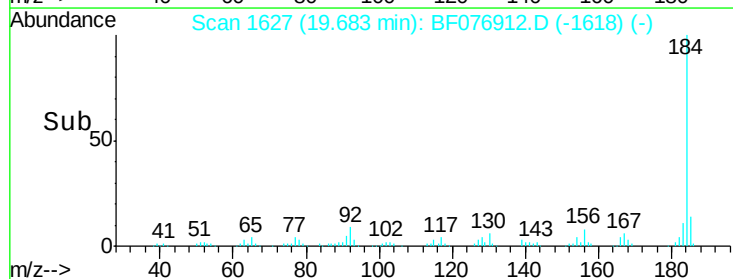
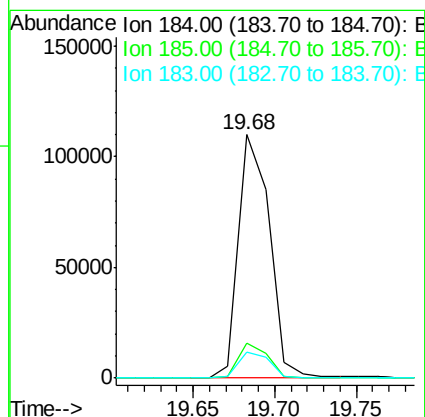
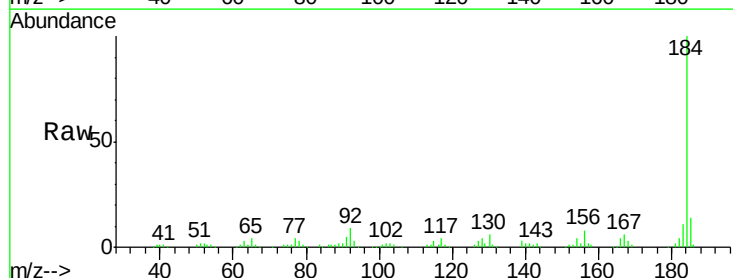
Instrument :
 BNA_F
 ClientSampleId :
 PB81350BS

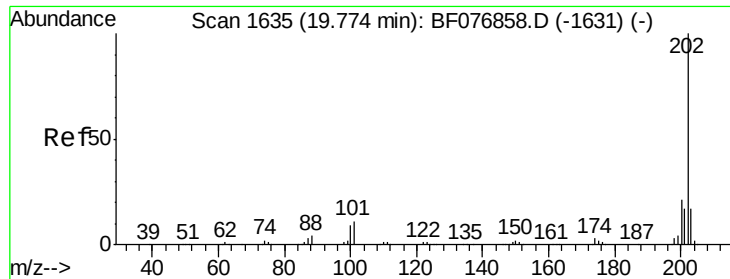
Tot Ion:240 Resp: 163447
 Ion Ratio Lower Upper
 240 100
 120 10.5 10.4 15.6
 236 25.0 20.2 30.2



#76
 Benzidine
 Concen: 27.68 ng
 RT: 19.68 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Tgt Ion:184 Resp: 144779
 Ion Ratio Lower Upper
 184 100
 185 14.5 11.4 17.2
 183 10.5 9.0 13.6

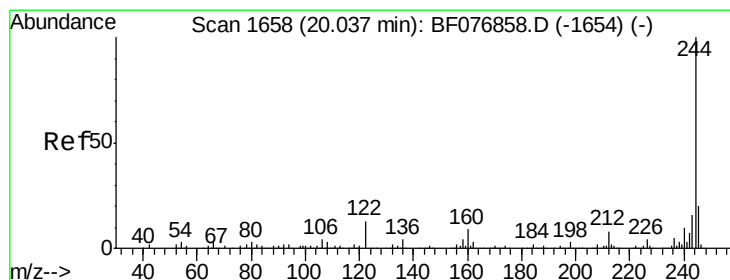
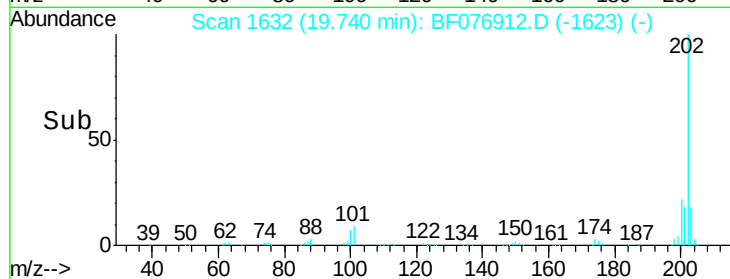
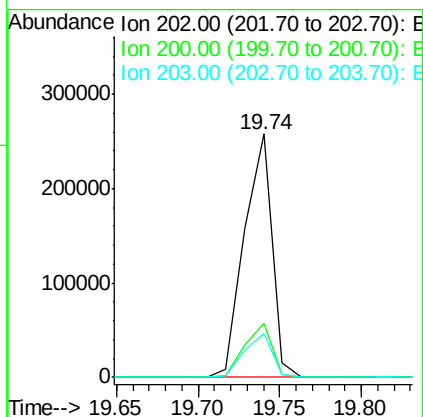
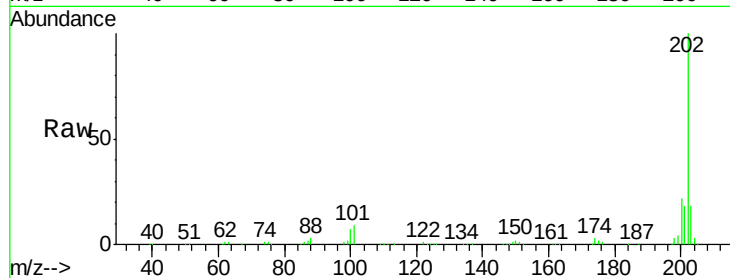




#77
 Pvrene
 Concen: 26.98 ng
 RT: 19.74 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

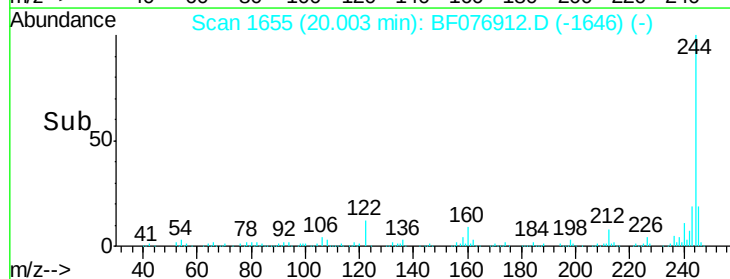
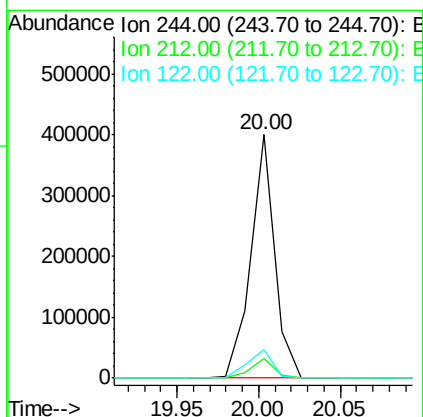
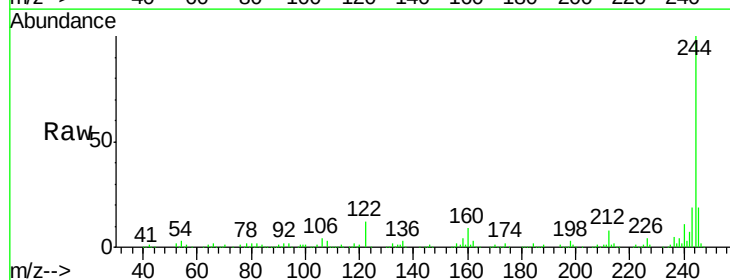
Instrument :
 BNA_F
 ClientSampleId :
 PB81350BS

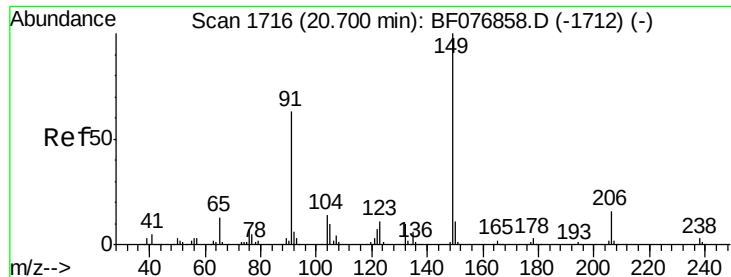
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.7	25.1
203	18.2	14.0	21.0



#78
 Terphenyl-d14
 Concen: 57.16 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	11.9	10.1	15.1

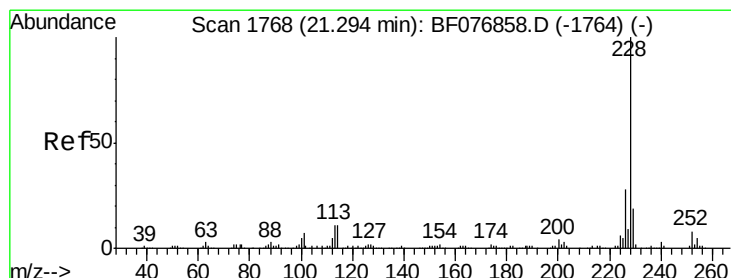
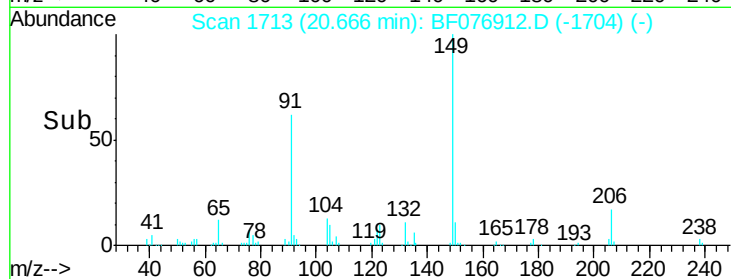
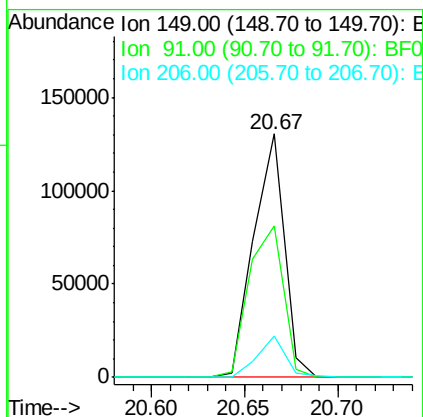
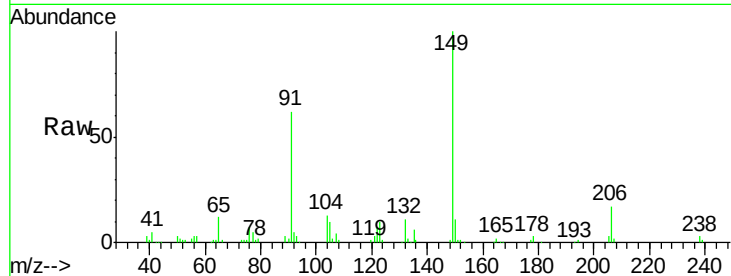




#79
Butylbenzylphthalate
Concen: 29.28 ng
RT: 20.67 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

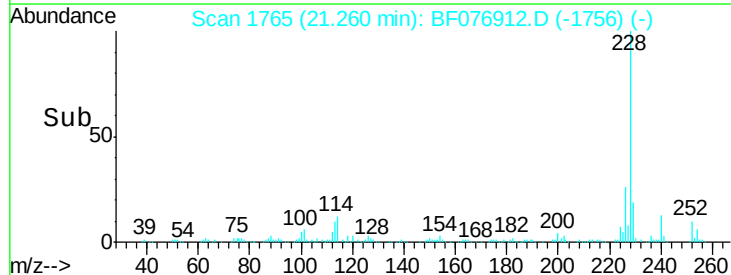
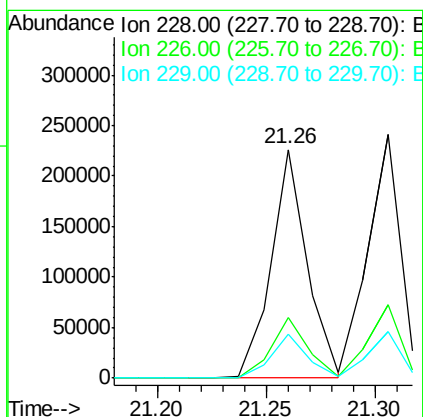
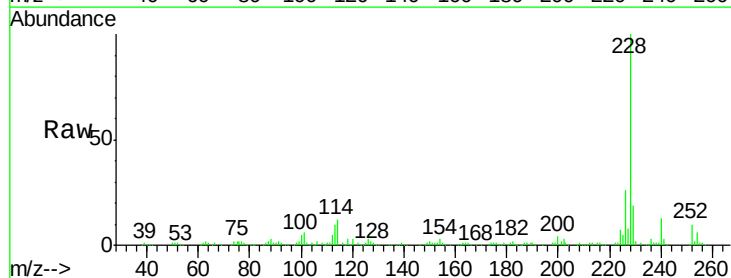
Instrument :
BNA_F
ClientSampleId :
PB81350BS

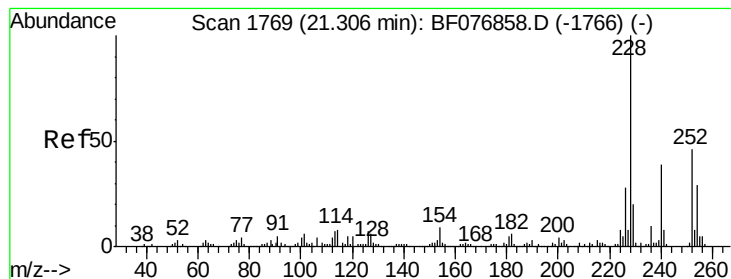
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.2	50.6	76.0
206	17.1	12.8	19.2



#80
Benzo(a)anthracene
Concen: 25.61 ng
RT: 21.26 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.1	33.1
229	19.0	15.5	23.3

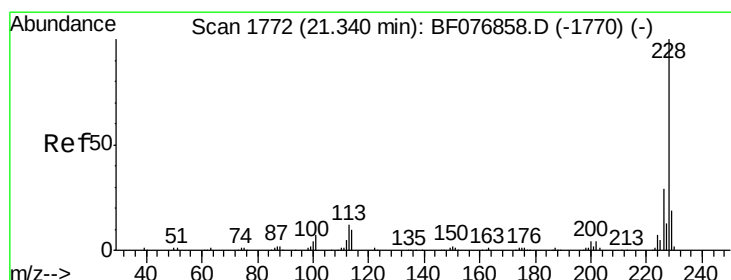
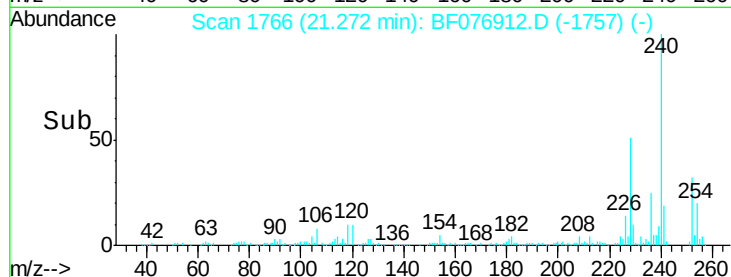
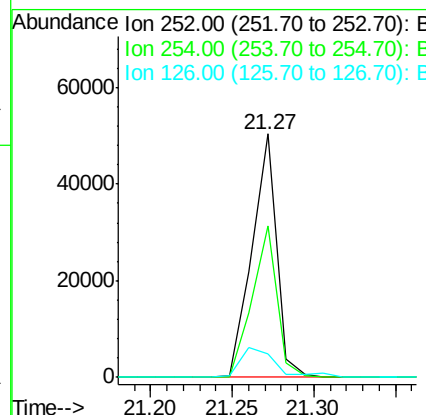
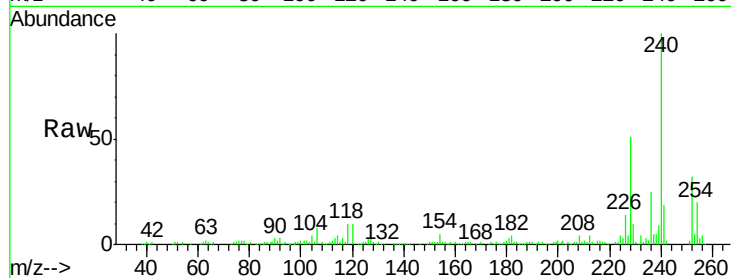




#81
 3,3'-Dichlorobenzidine
 Concen: 16.23 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

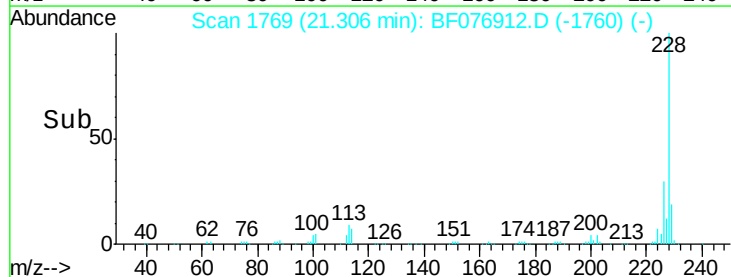
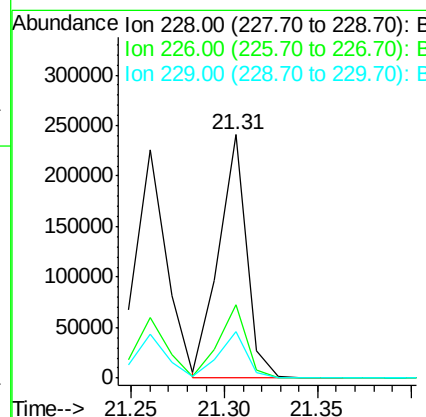
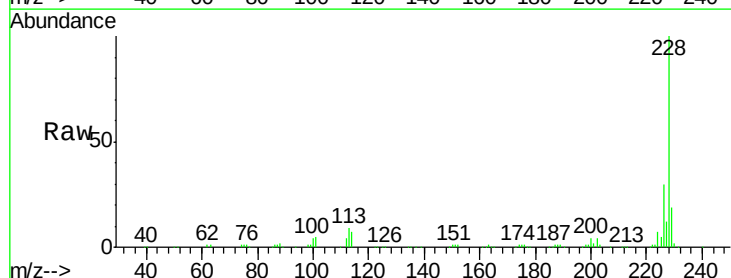
Instrument :
 BNA_F
 ClientSampleId :
 PB81350BS

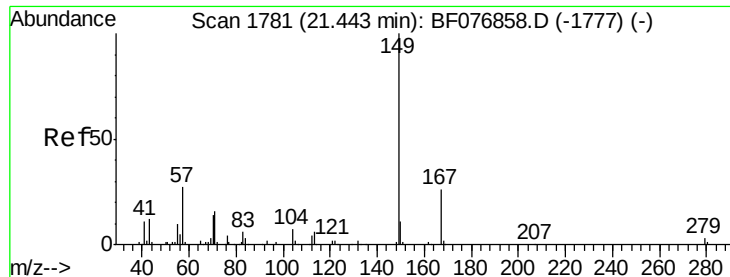
Tot Ion:252 Resp: 52881
 Ion Ratio Lower Upper
 252 100
 254 62.1 50.2 75.4
 126 9.8 11.5 17.3#



#82
 Chrysene
 Concen: 26.92 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BF076912.D
 Acq: 16 Jan 2015 17:05

Tgt Ion:228 Resp: 251722
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.4 35.0
 229 19.1 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.64 ng

RT: 21.40 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB81350BS

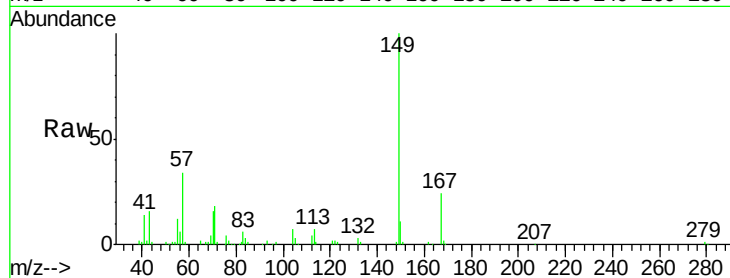
Tot Ion:149 Resp: 201035

Ion Ratio Lower Upper

149 100

167 24.0 20.6 30.8

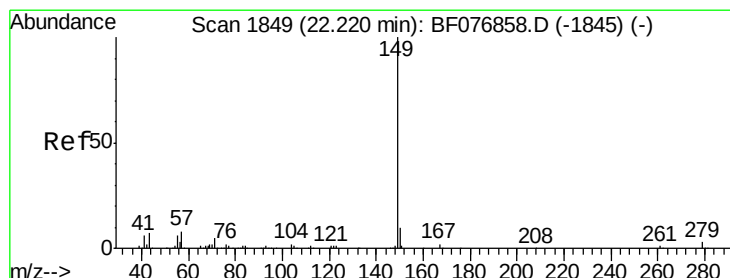
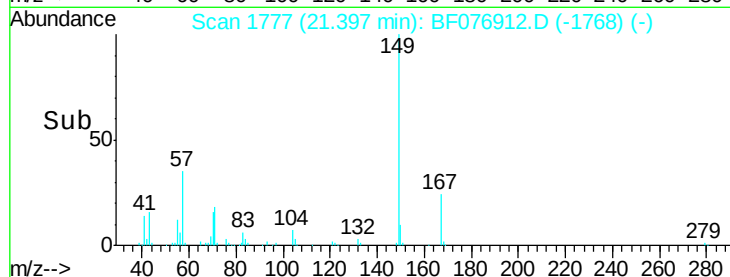
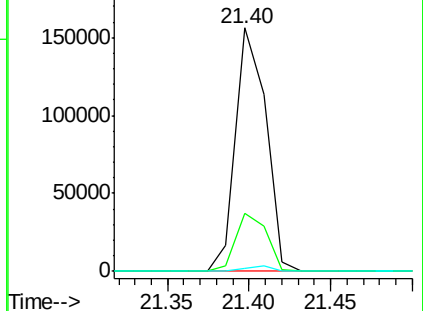
279 1.5 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 27.88 ng

RT: 22.17 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

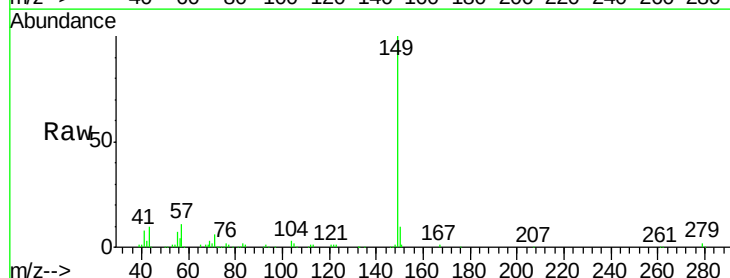
Tgt Ion:149 Resp: 339659

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

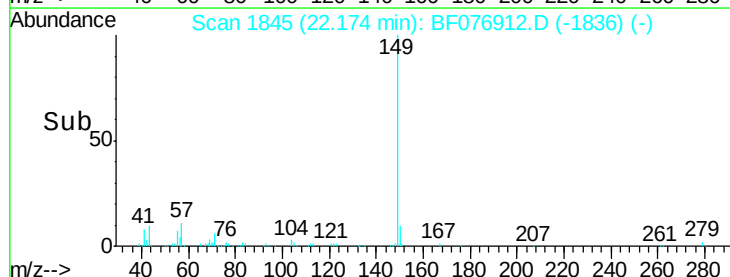
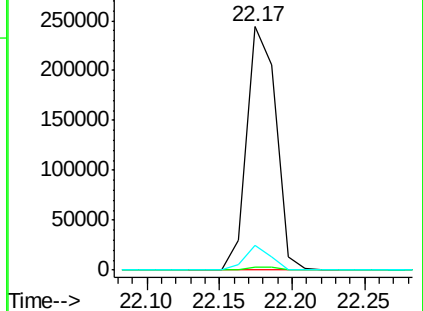
43 9.1 6.6 10.0

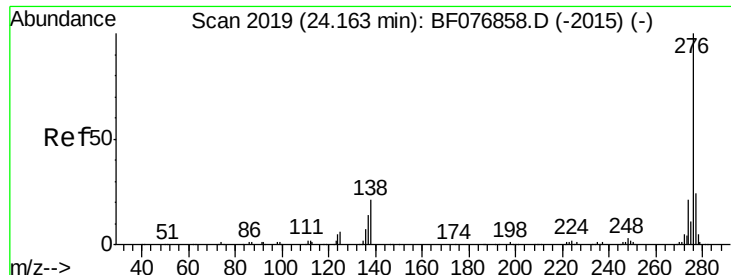


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

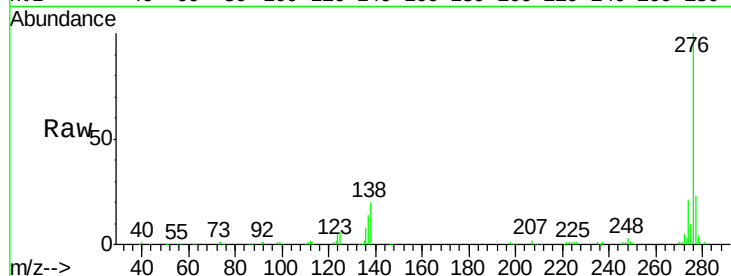




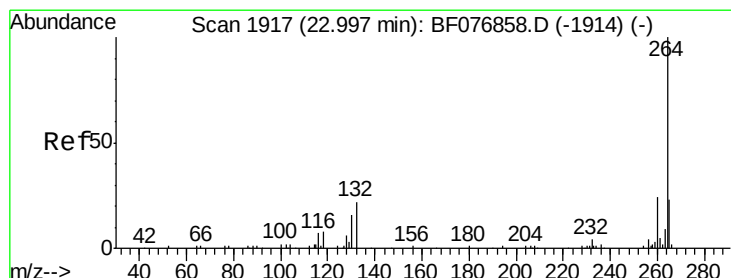
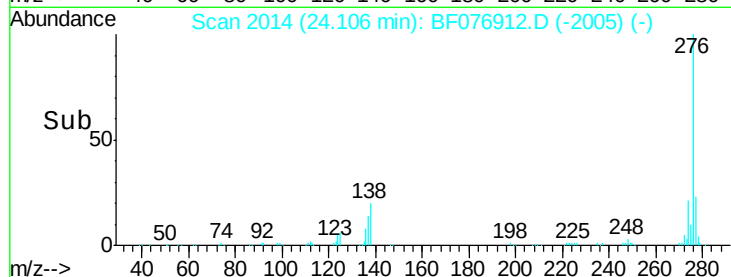
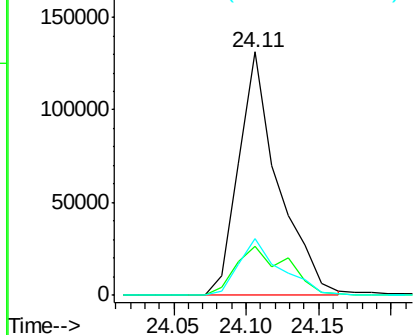
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.06 ng
RT: 24.11 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Instrument :
BNA_F
ClientSampleId :
PB81350BS

Tot Ion:276 Resp: 248334
Ion Ratio Lower Upper
276 100
138 26.4 14.6 22.0#
277 24.6 14.8 22.2#

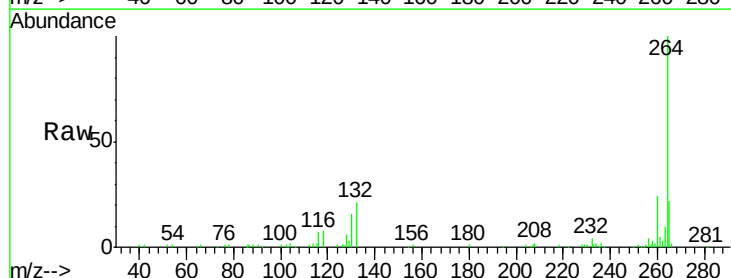


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

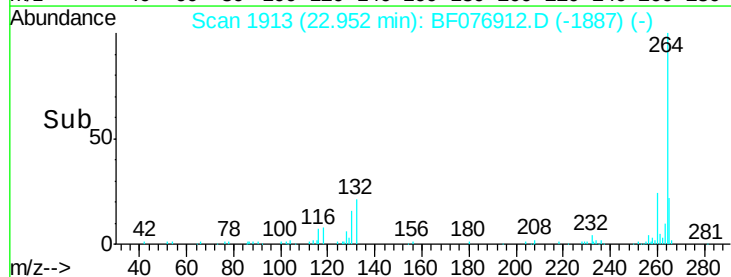
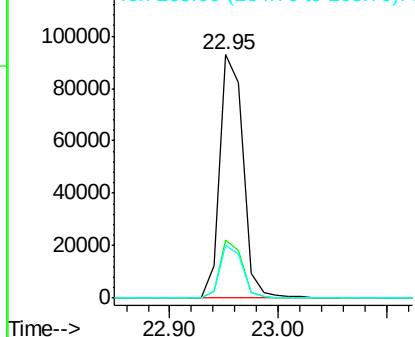


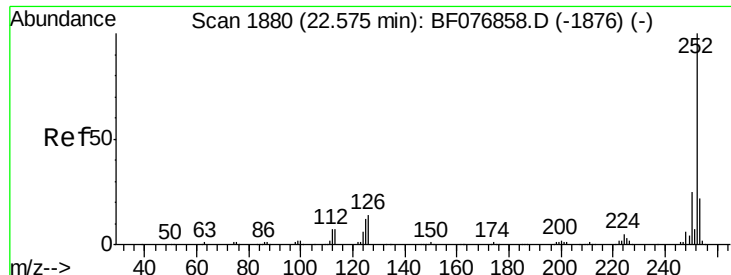
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.95 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion:264 Resp: 138209
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.9 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

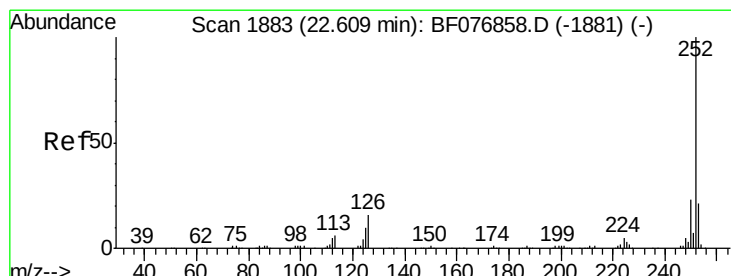
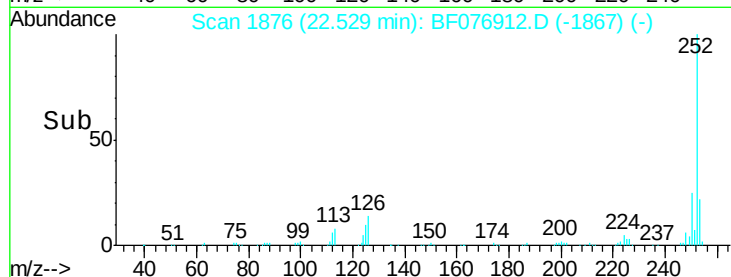
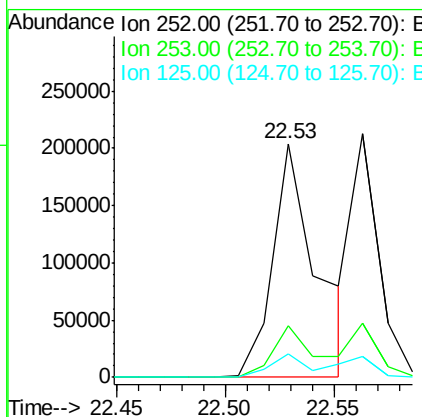
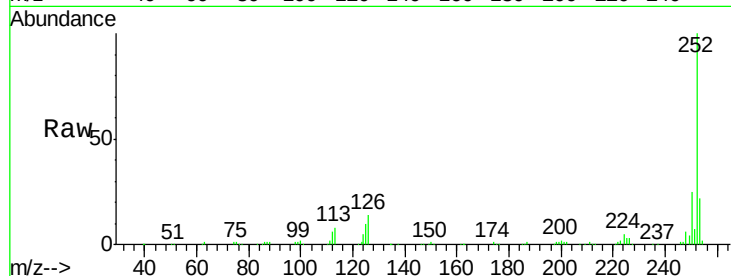




#87
Benzo(b)fluoranthene
Concen: 31.05 ng
RT: 22.53 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

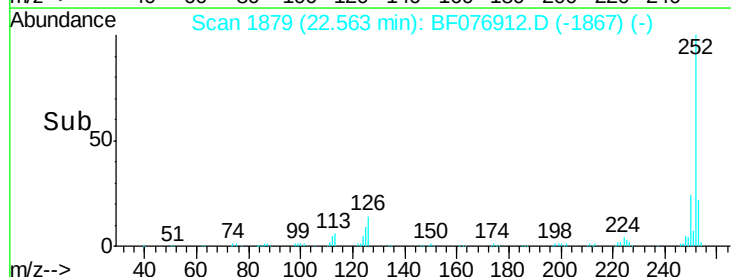
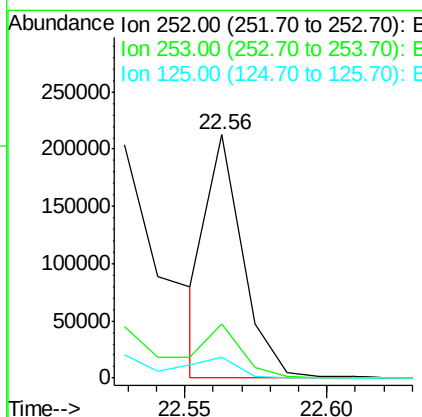
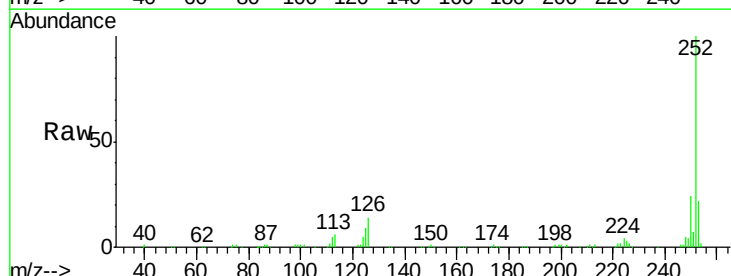
Instrument :
BNA_F
ClientSampleId :
PB81350BS

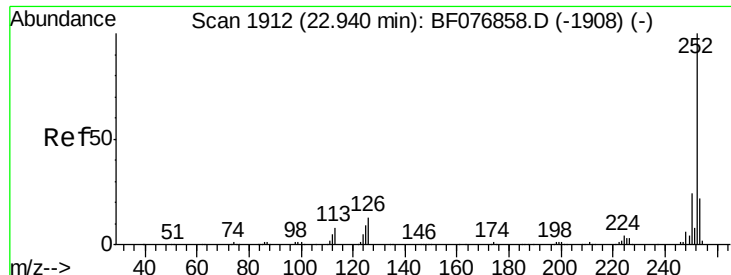
Tot Ion:252 Resp: 289067
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.1 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 22.63 ng m
RT: 22.56 min Scan# 1879
Delta R.T. 0.03 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion:252 Resp: 184040
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 8.7 7.1 10.7

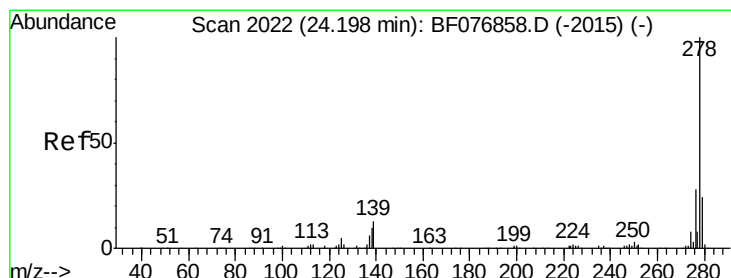
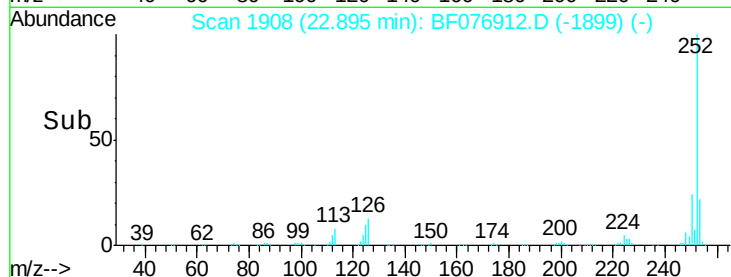
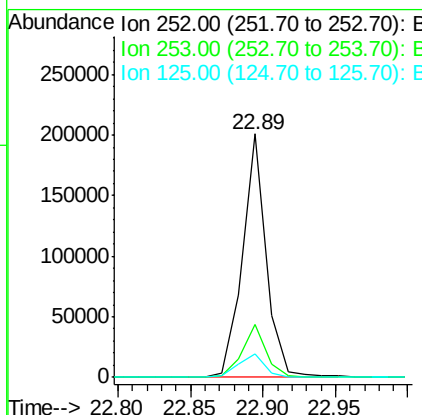
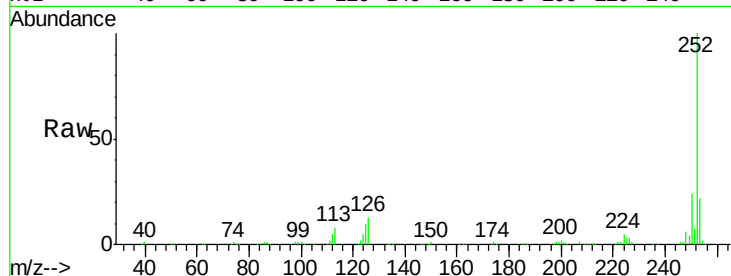




#89
Benzo(a)pyrene
Concen: 27.86 ng
RT: 22.89 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

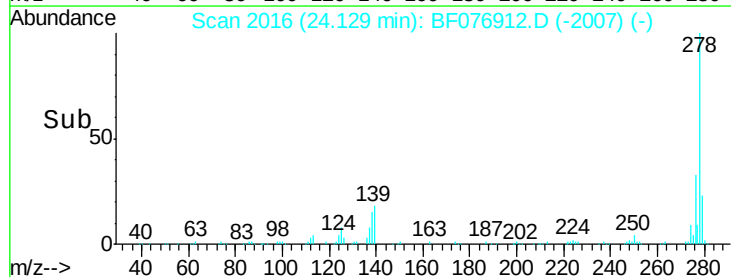
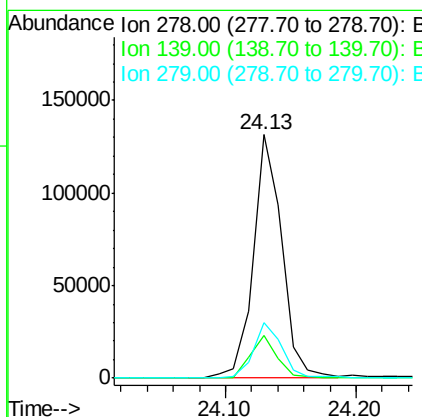
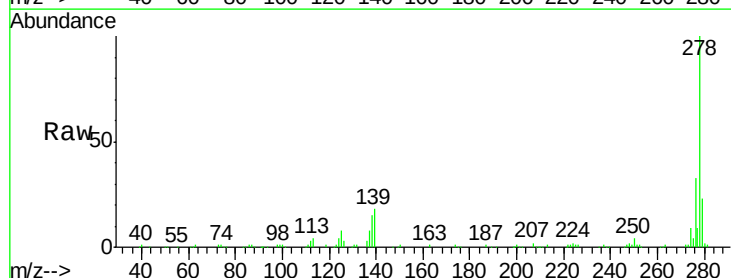
Instrument :
BNA_F
ClientSampleId :
PB81350BS

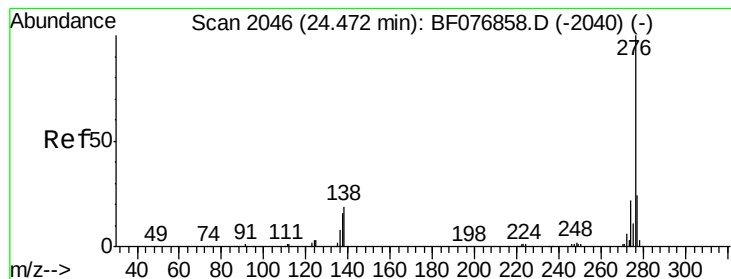
Tot Ion:252 Resp: 228743
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 9.6 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 26.71 ng
RT: 24.13 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF076912.D
Acq: 16 Jan 2015 17:05

Tgt Ion:278 Resp: 201194
Ion Ratio Lower Upper
278 100
139 17.7 10.5 15.7#
279 23.0 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 27.57 ng

RT: 24.40 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF076912.D

Acq: 16 Jan 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB81350BS

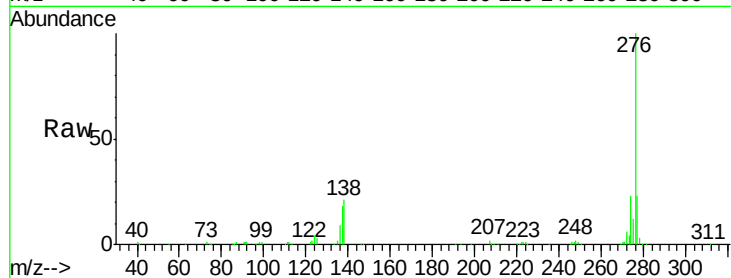
Tot Ion:276 Resp: 206502

Ion Ratio Lower Upper

276 100

277 23.0 19.5 29.3

138 21.4 15.0 22.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

