

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020515\
 Data File : BF077191.D
 Acq On : 5 Feb 2015 18:49
 Operator : TP/IZ
 Sample : PB81608BS
 Misc : S
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Quant Time: Feb 06 00:58:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 00:49:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	29504	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	130350	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	71572	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	124139	20.00	ng	0.00
75) Chrysene-d12	21.07	240	120483	20.00	ng	0.00
86) Perylene-d12	22.75	264	108369	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.69	112	175863	98.00	ng	0.00
7) Phenol-d6	7.09	99	218198	96.39	ng	0.00
23) Nitrobenzene-d5	8.99	82	135205	57.46	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	50255	86.50	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	281840	59.93	ng	0.00
78) Terphenyl-d14	19.81	244	313803	59.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.12	88	20022	26.06	ng	# 84
3) Pyridine	1.56	79	53774	27.05	ng	95
4) n-Nitrosodimethylamine	1.53	42	29563	30.02	ng	85
6) Aniline	6.98	93	46707	14.91	ng	99
8) 2-Chlorophenol	7.21	128	63596	30.74	ng	96
9) Benzaldehyde	6.75	77	4551	2.50	ng	# 79
10) Phenol	7.12	94	67937	28.26	ng	90
11) bis(2-Chloroethyl)ether	7.23	93	58506	31.11	ng	# 77
12) 1,3-Dichlorobenzene	7.53	146	68943	29.29	ng	98
13) 1,4-Dichlorobenzene	7.72	146	69898	28.01	ng	98
14) 1,2-Dichlorobenzene	8.03	146	69065	30.03	ng	98
15) Benzyl Alcohol	8.13	79	52655	28.75	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	78452	31.03	ng	94
17) 2-Methylphenol	8.48	107	47923	28.35	ng	# 91
18) Hexachloroethane	8.77	117	26176	30.15	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	45479	28.70	ng	95
20) 3+4-Methylphenols	8.88	107	55735	24.90	ng	93
22) Acetophenone	8.68	105	93098	29.16	ng	97
24) Nitrobenzene	9.04	77	68229	28.47	ng	99
25) Isophorone	9.63	82	119373	27.86	ng	97
26) 2-Nitrophenol	9.78	139	29186	24.67	ng	91
27) 2,4-Dimethylphenol	10.05	122	53458	28.84	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	73189	30.05	ng	97
29) 2,4-Dichlorophenol	10.38	162	42519	24.61	ng	96
30) 1,2,4-Trichlorobenzene	10.50	180	54506	28.41	ng	94
31) Naphthalene	10.64	128	188023	28.02	ng	98
32) Benzoic acid	10.45	122	11457m	11.16	ng	
33) 4-Chloroaniline	10.91	127	40350	14.88	ng	99
34) Hexachlorobutadiene	11.00	225	31307	27.50	ng	98
35) Caprolactam	11.75	113	11793	23.19	ng	# 89
36) 4-Chloro-3-methylphenol	12.20	107	52027	26.30	ng	97
37) 2-Methylnaphthalene	12.29	142	134456	29.34	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	52080	29.43	ng	97
40) Hexachlorocyclopentadiene	12.68	237	50025	54.09	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	33585	26.05	ng	94
43) 2,4,5-Trichlorophenol	13.15	196	28915	21.99	ng	# 91
45) 1,1'-Biphenyl	13.45	154	156011	29.40	ng	99
46) 2-Chloronaphthalene	13.41	162	129259	29.60	ng	98
47) 2-Nitroaniline	13.78	65	37387	28.23	ng	89
48) Acenaphthylene	14.36	152	202541	27.50	ng	99
49) Dimethylphthalate	14.33	163	150266	29.61	ng	99
50) 2,6-Dinitrotoluene	14.42	165	31642	31.20	ng	91
51) Acenaphthene	14.79	154	114956	27.51	ng	95
52) 3-Nitroaniline	14.77	138	23692	19.03	ng	90
53) 2,4-Dinitrophenol	15.06	184	12796	34.69	ng	# 83
54) Dibenzofuran	15.21	168	179191	29.44	ng	99
55) 4-Nitrophenol	15.39	139	33397m	41.98	ng	
56) 2,4-Dinitrotoluene	15.36	165	42281	28.70	ng	# 92
57) Fluorene	15.97	166	147830	28.66	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.59	232	21637	22.60	ng	# 94
59) Diethylphthalate	15.97	149	156837	30.57	ng	99
60) 4-Chlorophenyl-phenylether	16.07	204	63910	30.29	ng	97
61) 4-Nitroaniline	16.13	138	30392	24.50	ng	99
62) Azobenzene	16.36	77	163753	30.64	ng	100
64) 4,6-Dinitro-2-methylphenol	16.21	198	17288	23.48	ng	95
65) n-Nitrosodiphenylamine	16.32	169	122840	27.75	ng	98
66) 4-Bromophenyl-phenylether	16.93	248	36383	28.93	ng	97
67) Hexachlorobenzene	16.95	284	37907	28.60	ng	91
68) Atrazine	17.32	200	40269	29.98	ng	98
69) Pentachlorophenol	17.32	266	17801	33.66	ng	92
70) Phenanthrene	17.60	178	216707	27.99	ng	99
71) Anthracene	17.68	178	210802	27.92	ng	97
72) Carbazole	17.97	167	209859	28.66	ng	98
73) Di-n-butylphthalate	18.57	149	254440	30.02	ng	98
74) Fluoranthene	19.25	202	221096	27.87	ng	98
76) Benzidine	19.51	184	79831	20.71	ng	99
77) Pyrene	19.54	202	234993	28.46	ng	99
79) Butylbenzylphthalate	20.48	149	113497	30.35	ng	94
80) Benzo(a)anthracene	21.07	228	212047	28.05	ng	99
81) 3,3'-Dichlorobenzidine	21.08	252	50623	21.07	ng	# 94
82) Chrysene	21.11	228	199980	29.01	ng	99
83) Bis(2-ethylhexyl)phthalate	21.22	149	158764	30.68	ng	# 97
84) Di-n-octyl phthalate	21.99	149	274006	30.51	ng	98
85) Indeno(1,2,3-cd)pyrene	23.88	276	208258	28.51	ng	# 85
87) Benzo(b)fluoranthene	22.33	252	197747	27.09	ng	# 96
88) Benzo(k)fluoranthene	22.36	252	196152m	30.76	ng	
89) Benzo(a)pyrene	22.68	252	187101	29.06	ng	# 97
90) Dibenzo(a,h)anthracene	23.91	278	169075	28.62	ng	# 93
91) Benzo(g,h,i)perylene	24.16	276	172596	29.39	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

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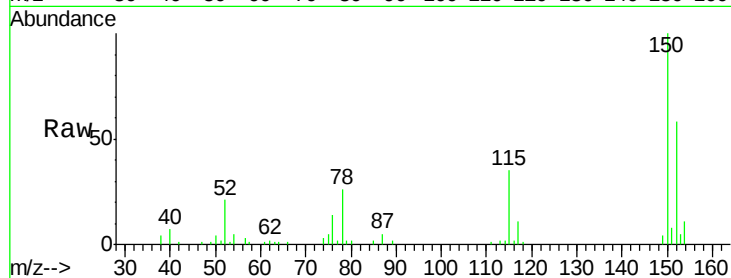
Tgt Ion:152 Resp: 29504

Ion Ratio Lower Upper

152 100

150 172.9 121.7 182.5

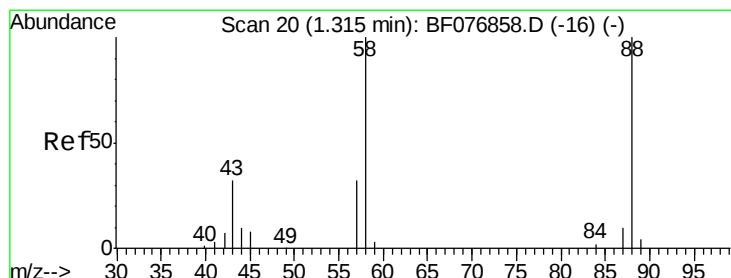
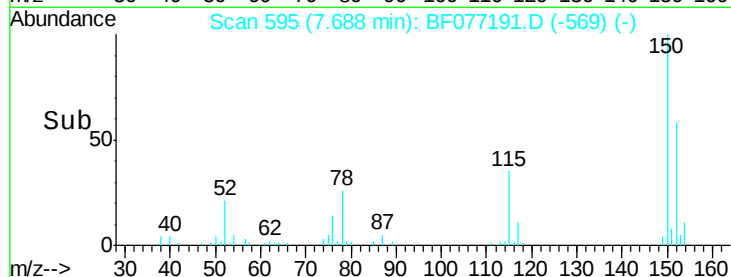
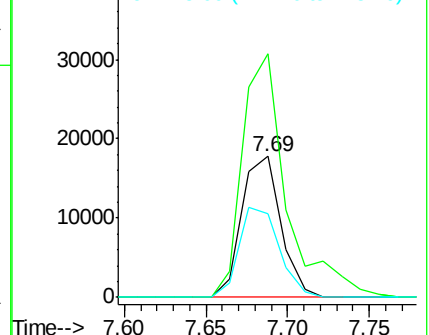
115 59.8 47.0 70.6



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: 26.06 ng

RT: 1.12 min Scan# 20

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

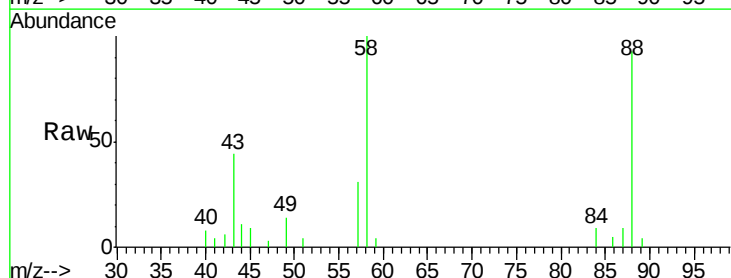
Tgt Ion: 88 Resp: 20022

Ion Ratio Lower Upper

88 100

58 107.6 77.0 115.4

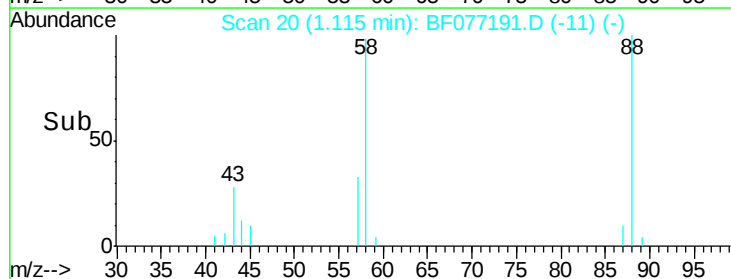
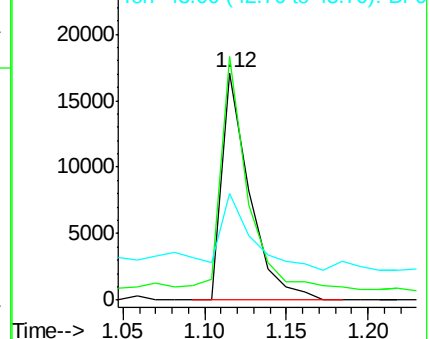
43 48.8 25.6 38.4#

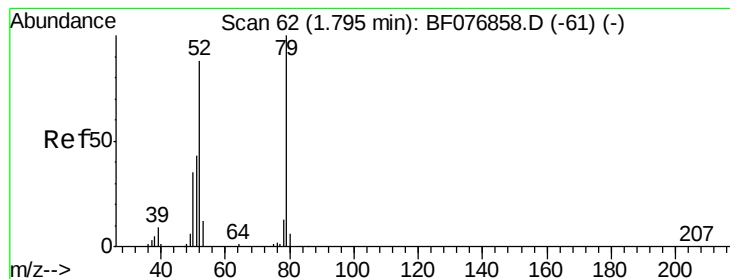


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.05 ng

RT: 1.56 min Scan# 59

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

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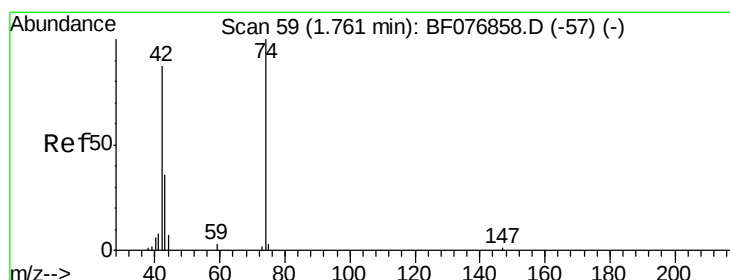
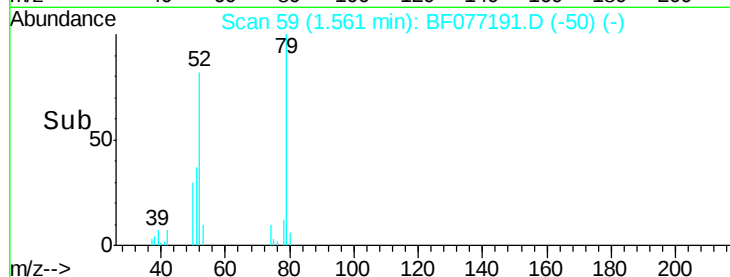
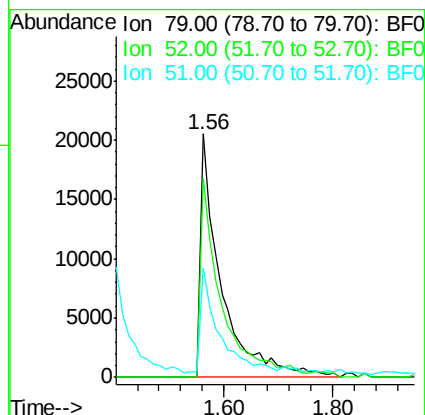
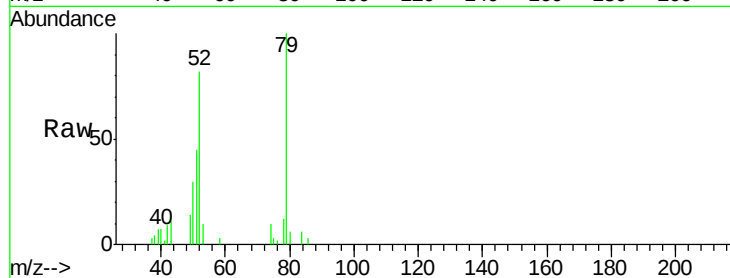
Tgt Ion: 79 Resp: 53774

Ion Ratio Lower Upper

79 100

52 81.8 70.1 105.1

51 44.9 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 30.02 ng

RT: 1.53 min Scan# 56

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

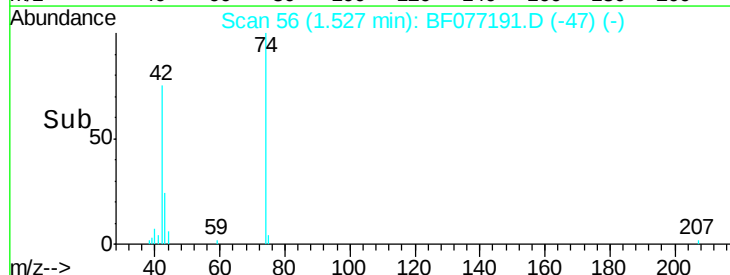
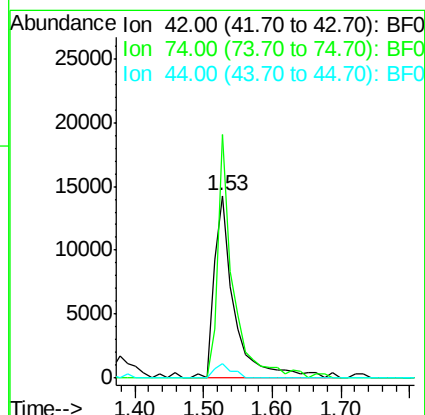
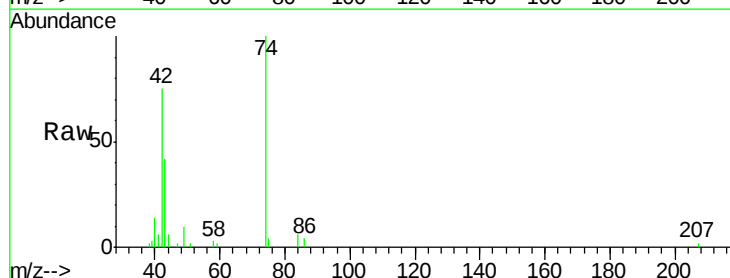
Tgt Ion: 42 Resp: 29563

Ion Ratio Lower Upper

42 100

74 133.2 92.4 138.6

44 8.2 6.2 9.2





#5

2-Fluorophenol

Concen: 98.00 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

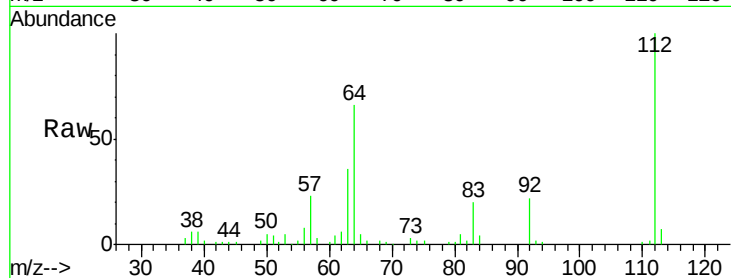
Instrument :

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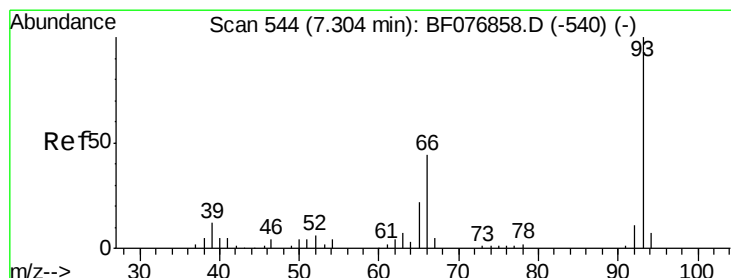
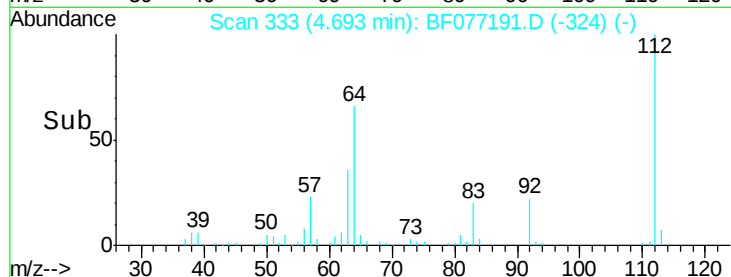
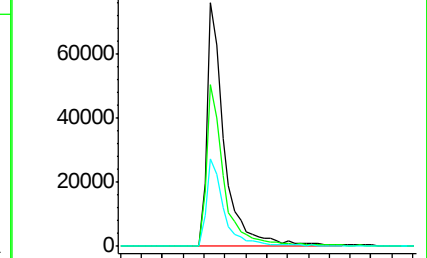
Tgt Ion:	112	Resp:	175863
Ion	Ratio	Lower	Upper
112	100		
64	66.4	54.2	81.4
63	36.1	28.4	42.6



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: 14.91 ng

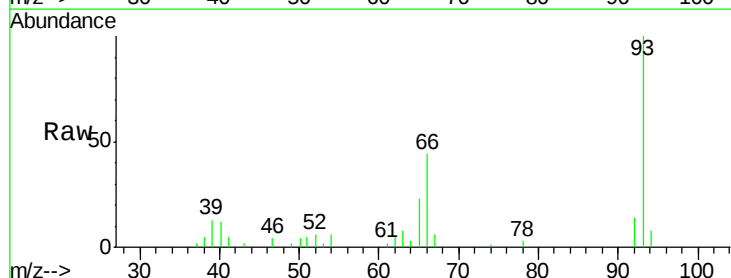
RT: 6.98 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

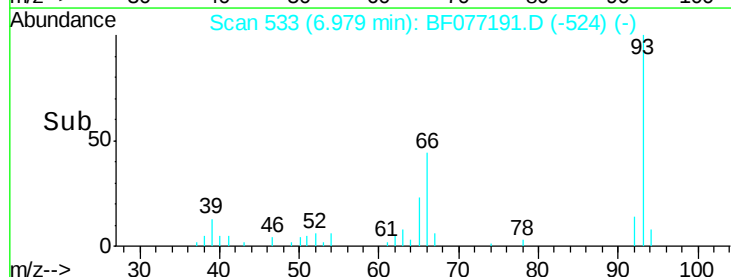
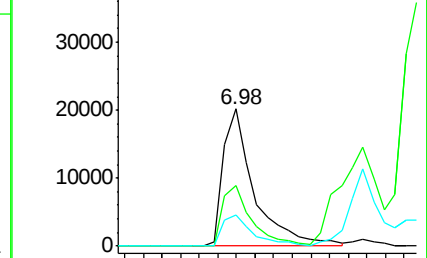
Tgt Ion:	93	Resp:	46707
Ion	Ratio	Lower	Upper
93	100		
66	43.8	35.0	52.4
65	23.1	17.7	26.5

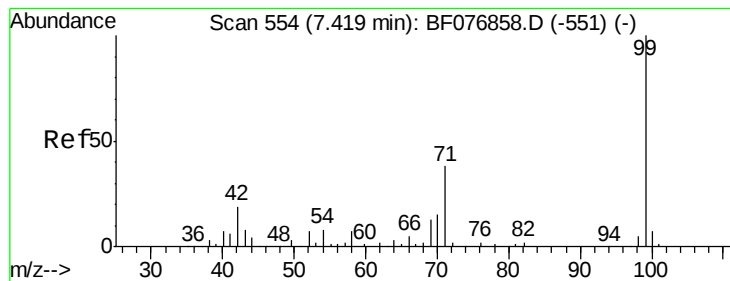


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 96.39 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

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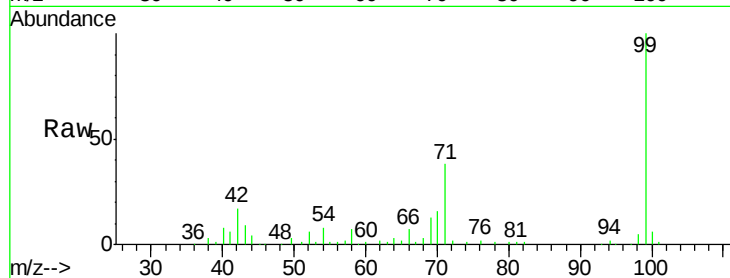
Tgt Ion: 99 Resp: 218198

Ion Ratio Lower Upper

99 100

42 17.1 15.0 22.4

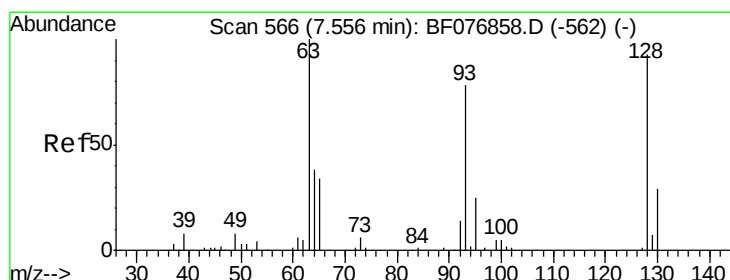
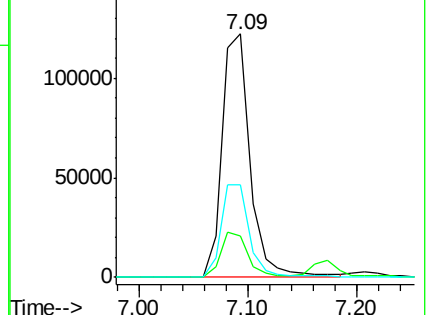
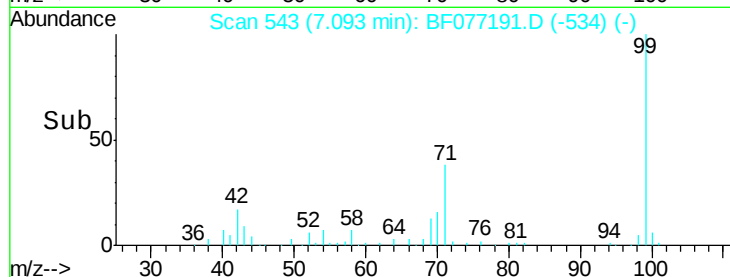
71 37.9 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 30.74 ng

RT: 7.21 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

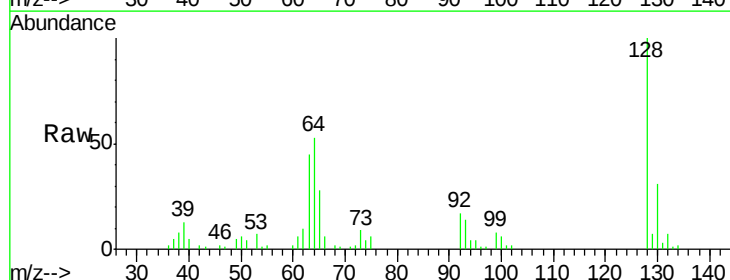
Tgt Ion: 128 Resp: 63596

Ion Ratio Lower Upper

128 100

130 31.3 11.0 51.0

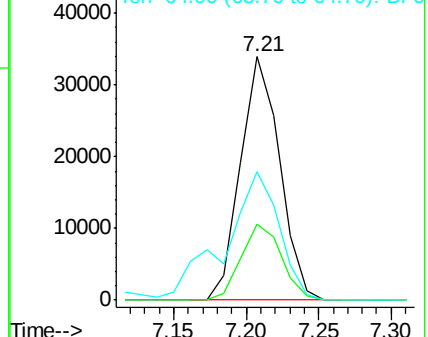
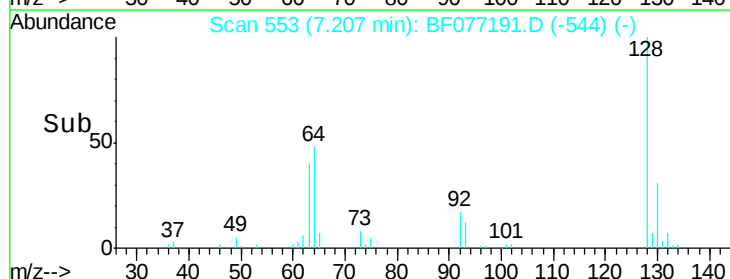
64 53.0 29.3 69.3

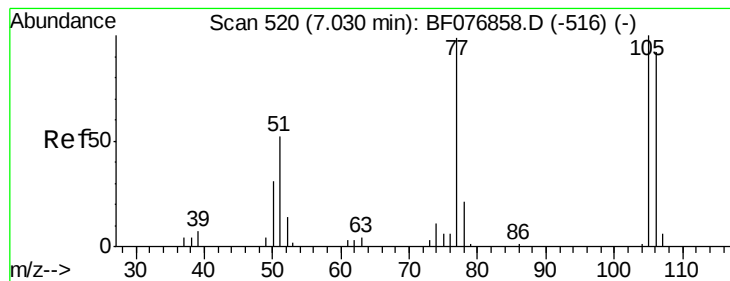


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.50 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

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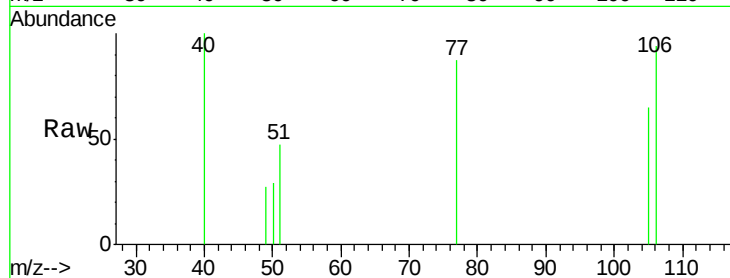
Tgt Ion: 77 Resp: 4551

Ion Ratio Lower Upper

77 100

105 74.4 81.4 121.4#

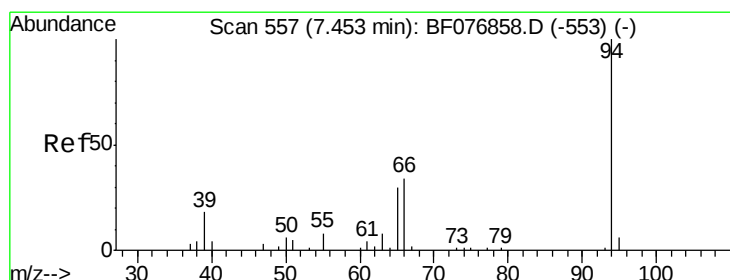
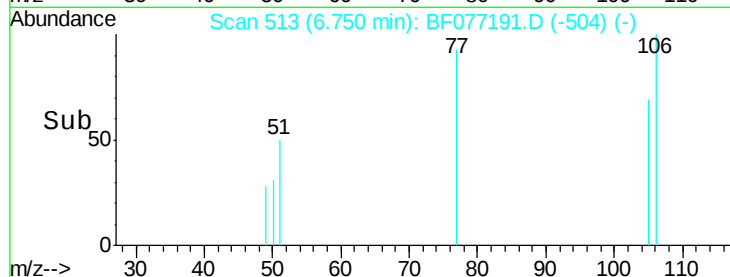
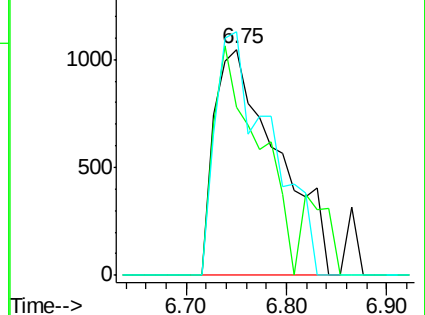
106 107.7 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 28.26 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

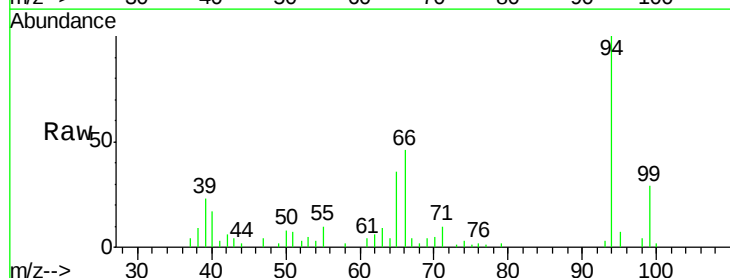
Tgt Ion: 94 Resp: 67937

Ion Ratio Lower Upper

94 100

65 36.0 11.3 51.3

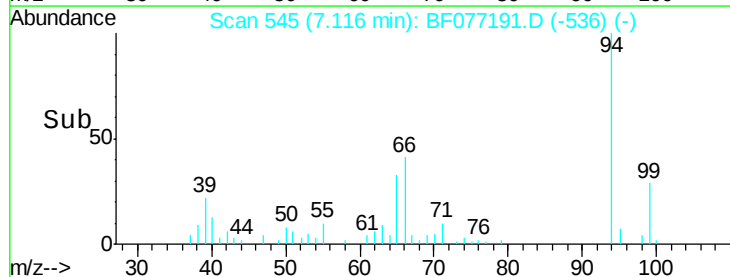
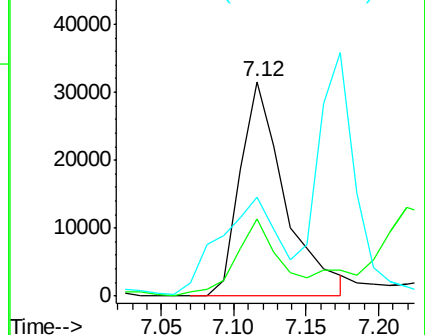
66 46.2 19.5 59.5

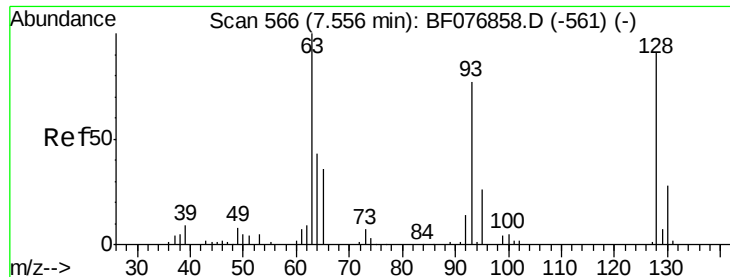


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

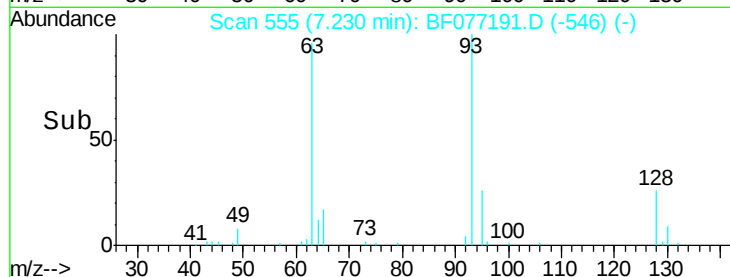
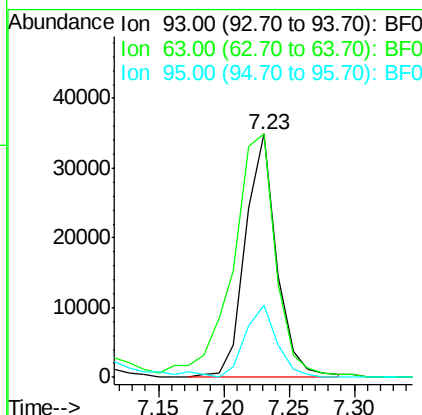
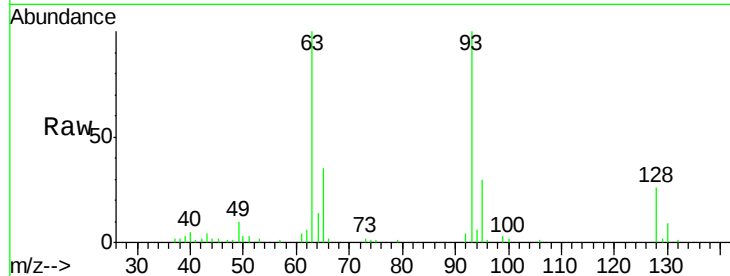




#11
 bis(2-Chloroethyl)ether
 Concen: 31.11 ng
 RT: 7.23 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

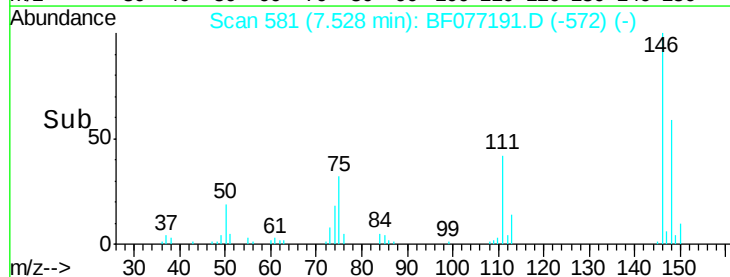
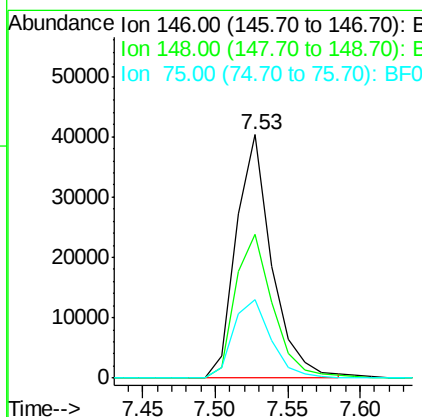
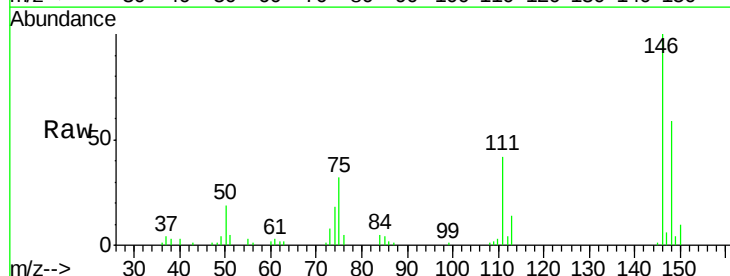
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

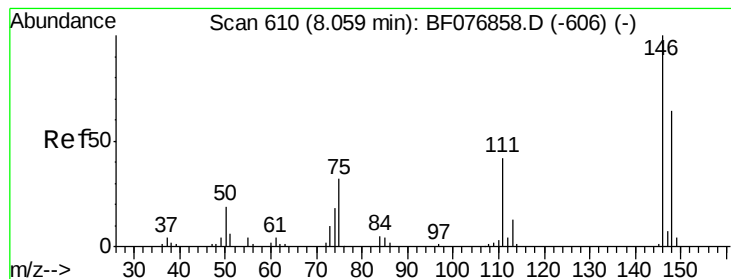
Tgt Ion: 93 Resp: 58506
 Ion Ratio Lower Upper
 93 100
 63 100.1 111.3 151.3#
 95 29.6 13.8 53.8



#12
 1,3-Dichlorobenzene
 Concen: 29.29 ng
 RT: 7.53 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion: 146 Resp: 68943
 Ion Ratio Lower Upper
 146 100
 148 59.3 48.1 72.1
 75 32.2 26.8 40.2

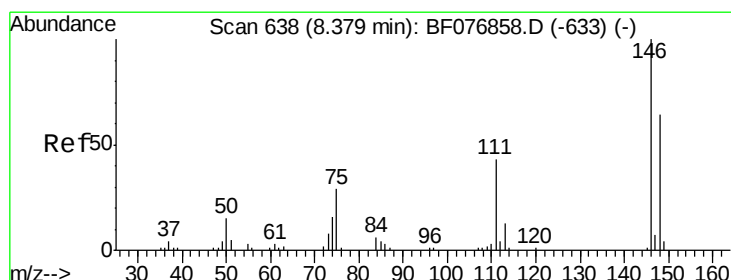
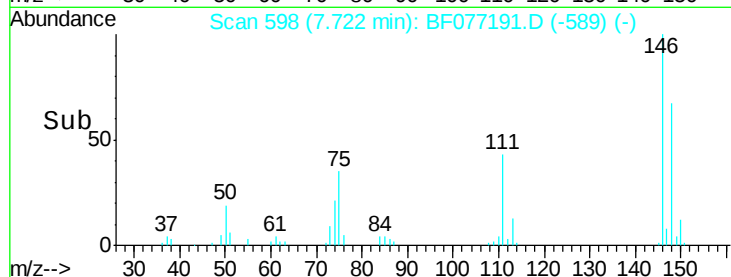
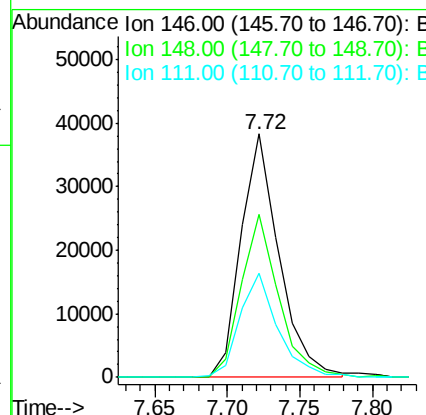
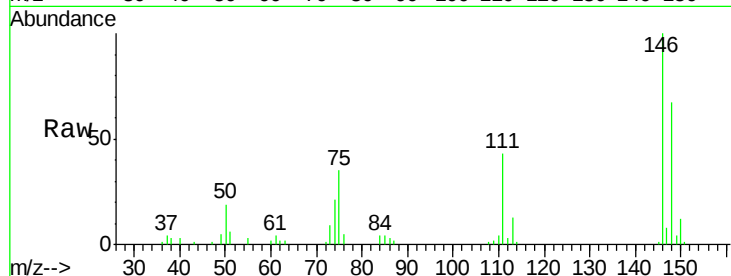




#13
 1,4-Dichlorobenzene
 Concen: 28.01 ng
 RT: 7.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

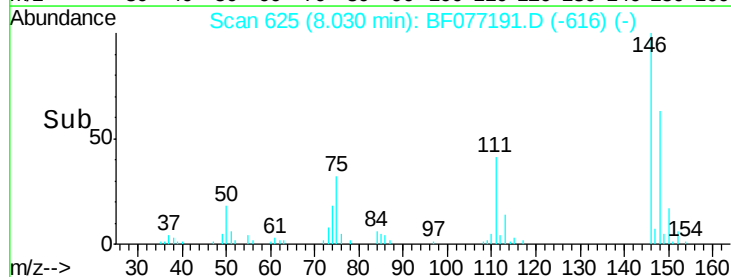
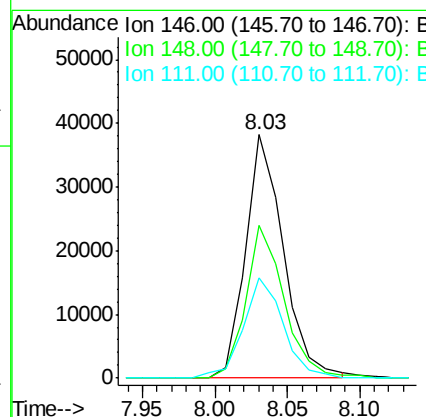
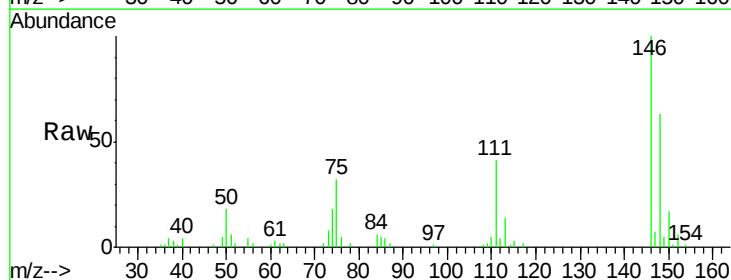
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tgt Ion:146 Resp: 69898
 Ion Ratio Lower Upper
 146 100
 148 66.7 51.5 77.3
 111 42.5 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 30.03 ng
 RT: 8.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:146 Resp: 69065
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.3 76.9
 111 41.2 34.5 51.7





#15

Benzyl Alcohol

Concen: 28.75 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81608BS

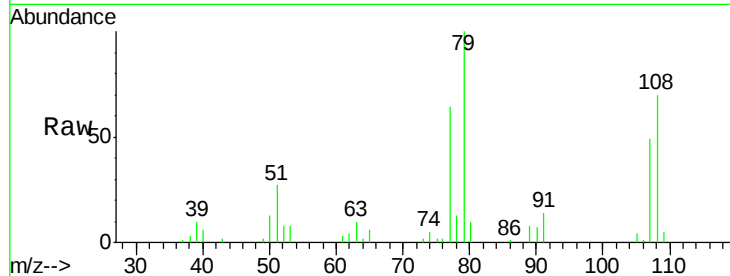
Tgt Ion: 79 Resp: 52655

Ion Ratio Lower Upper

79 100

108 69.8 57.2 85.8

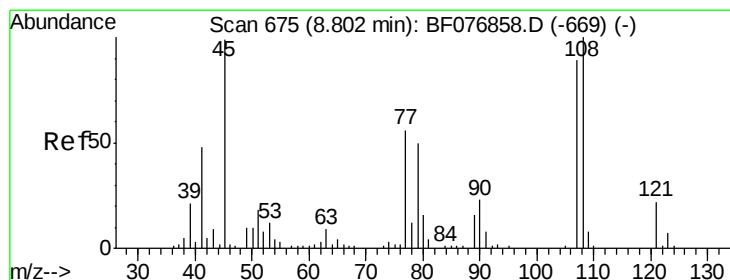
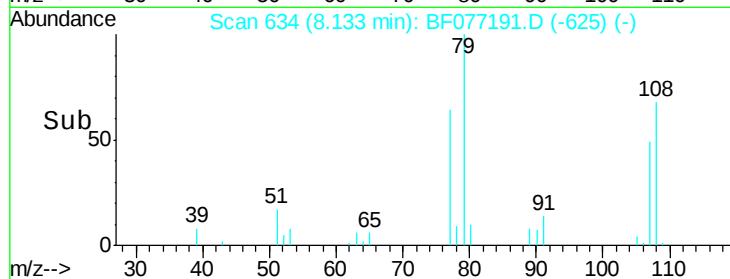
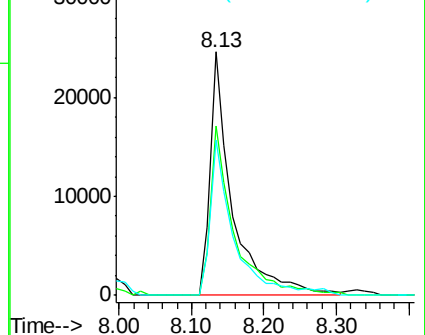
77 63.8 51.2 76.8



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: 31.03 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

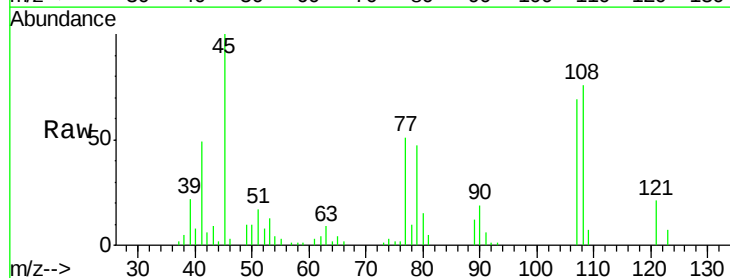
Tgt Ion: 45 Resp: 78452

Ion Ratio Lower Upper

45 100

77 50.7 36.1 76.1

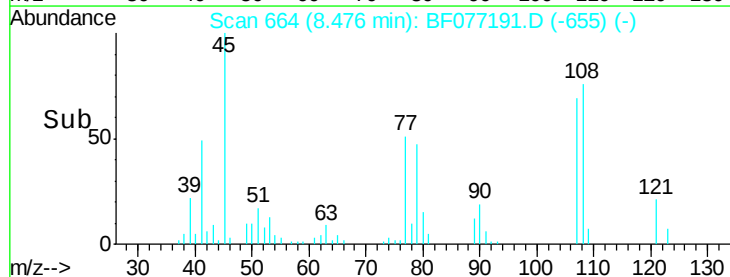
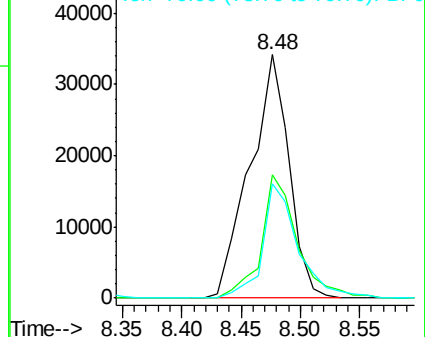
79 46.8 30.5 70.5



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: 28.35 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81608BS

Tgt Ion:107 Resp: 47923

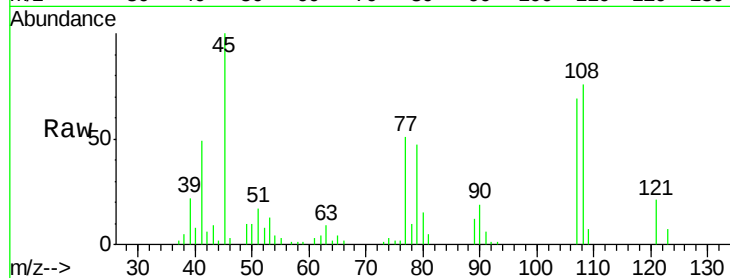
Ion Ratio Lower Upper

107 100

108 109.3 89.7 134.5

77 73.4 50.1 75.1

79 67.6 45.0 67.6#

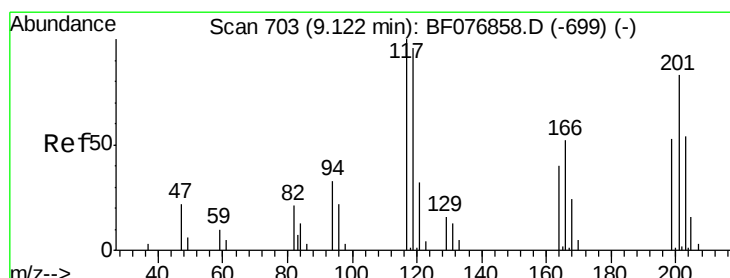
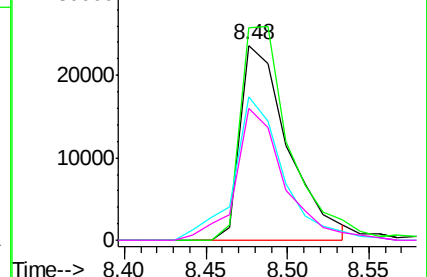
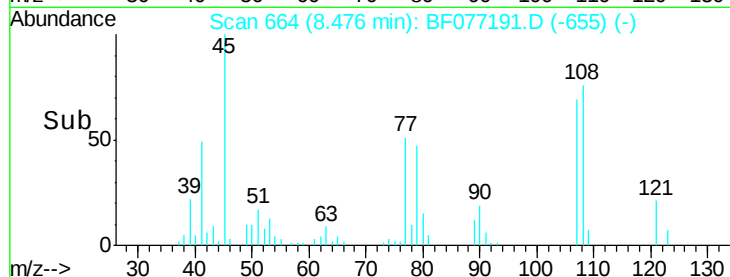


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.15 ng

RT: 8.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

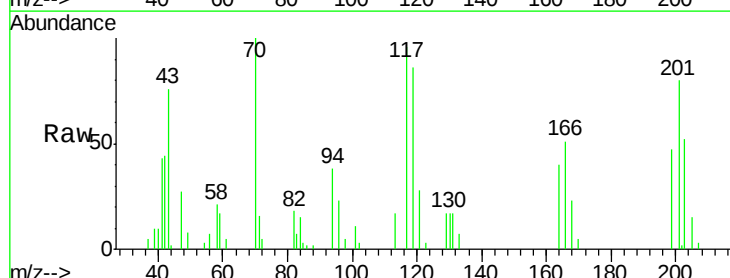
Tgt Ion:117 Resp: 26176

Ion Ratio Lower Upper

117 100

119 89.8 77.1 115.7

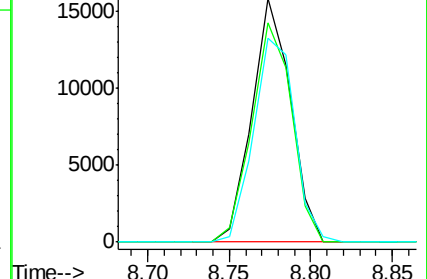
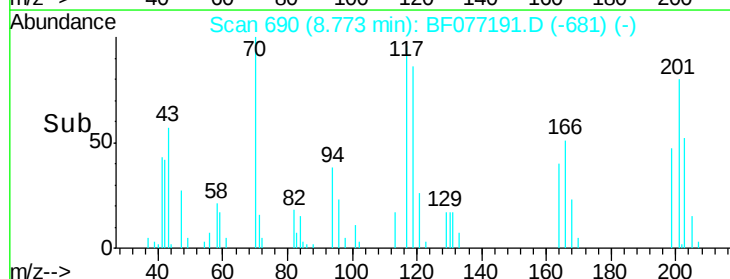
201 83.9 66.8 100.2

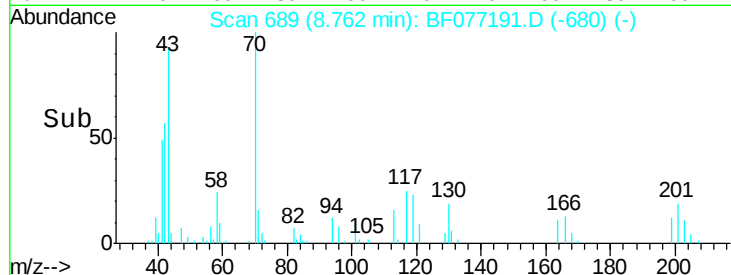
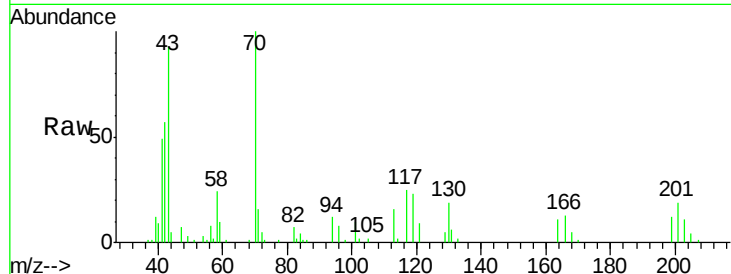
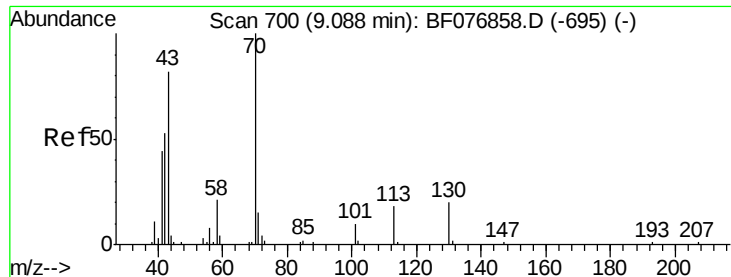


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

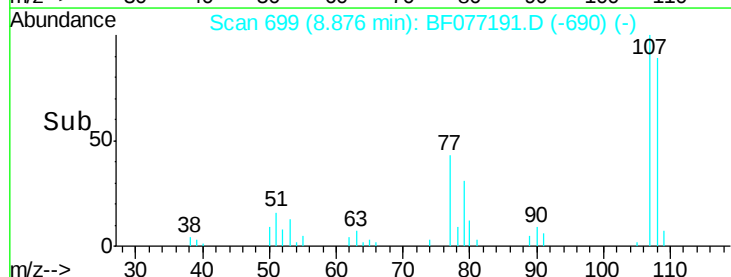
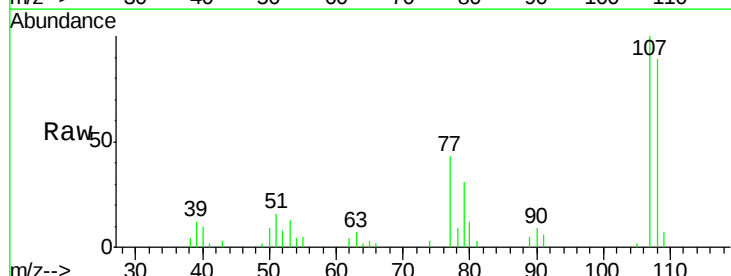
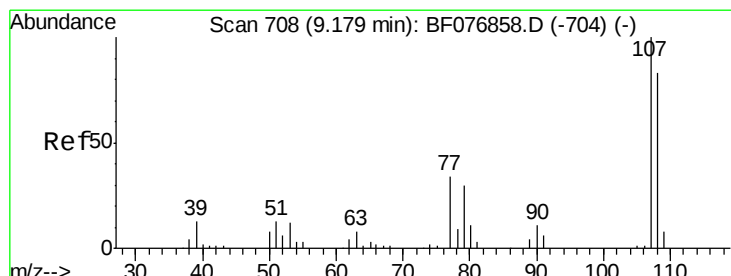
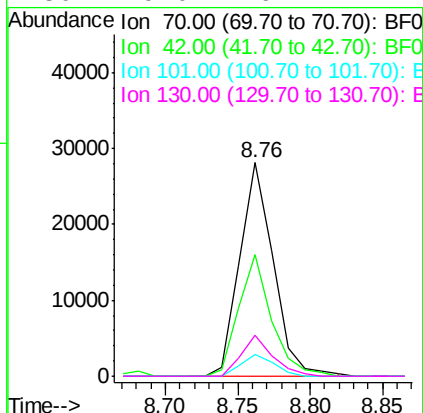




#19
n-Nitroso-di-n-propylamine
Concen: 28.70 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

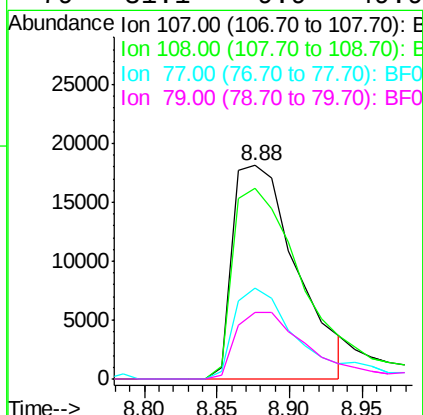
Instrument :
BNA_F
ClientSampleId :
PB81608BS

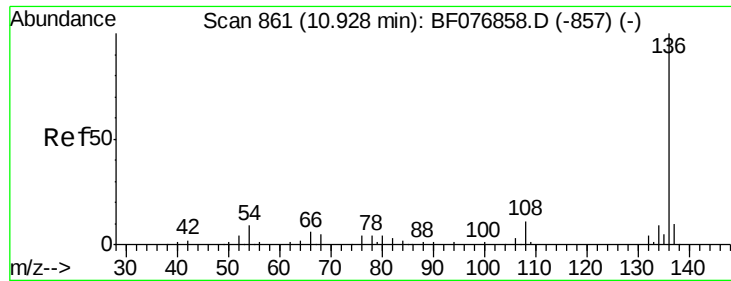
Tgt Ion:	70	Resp:	45479
Ion	Ratio	Lower	Upper
70	100		
42	57.2	42.1	63.1
101	10.2	7.8	11.8
130	19.0	16.2	24.4



#20
3+4-Methylphenols
Concen: 24.90 ng
RT: 8.88 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Tgt Ion:	107	Resp:	55735
Ion	Ratio	Lower	Upper
107	100		
108	89.0	63.5	103.5
77	42.7	14.0	54.0
79	31.1	9.9	49.9

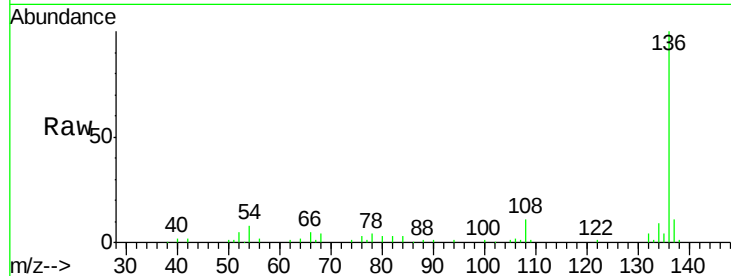




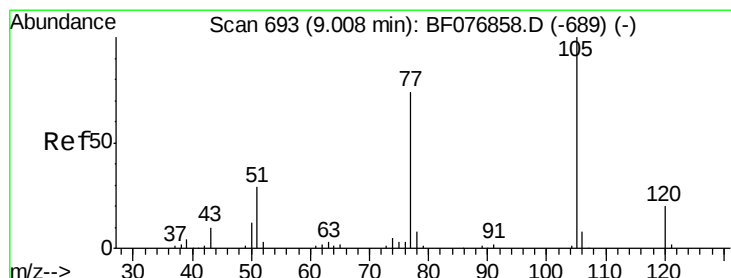
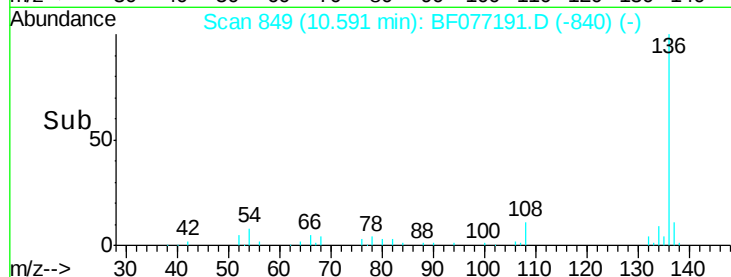
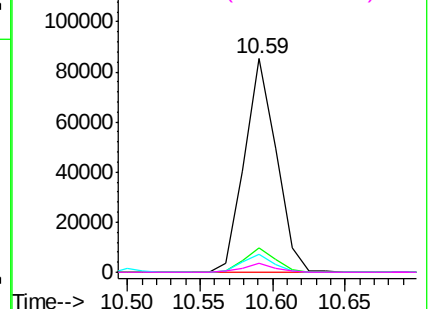
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tgt Ion:	136	Resp:	130350
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.1	12.1
54	8.2	7.0	10.4
68	4.1	3.7	5.5

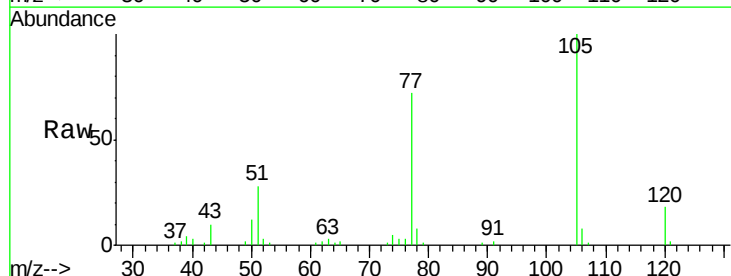


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

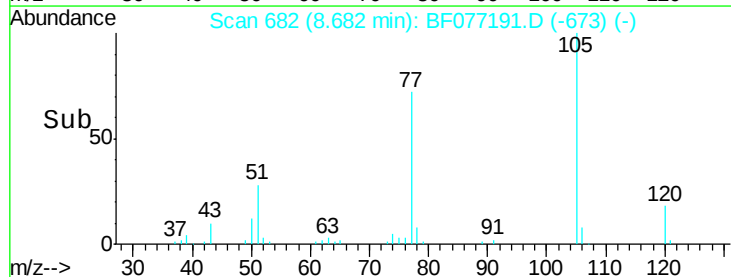
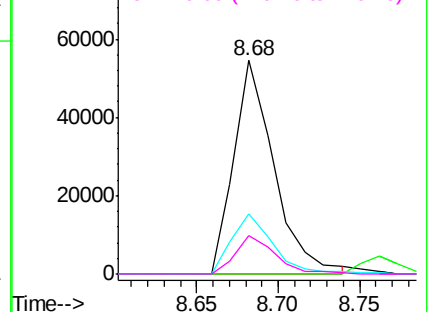


#22
Acetophenone
Concen: 29.16 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Tgt Ion:	105	Resp:	93098
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	28.1	23.3	34.9
120	18.1	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

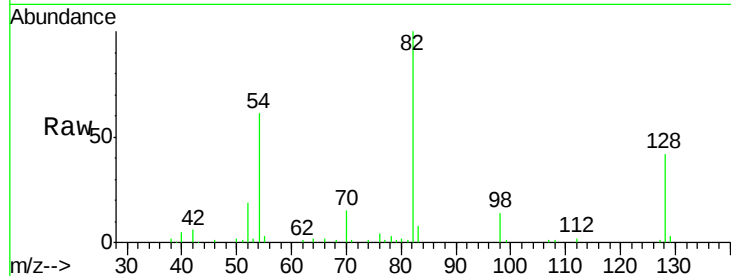




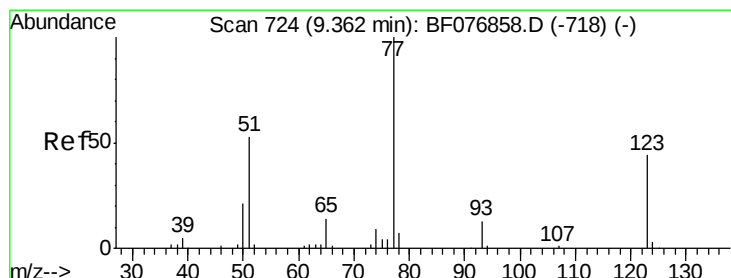
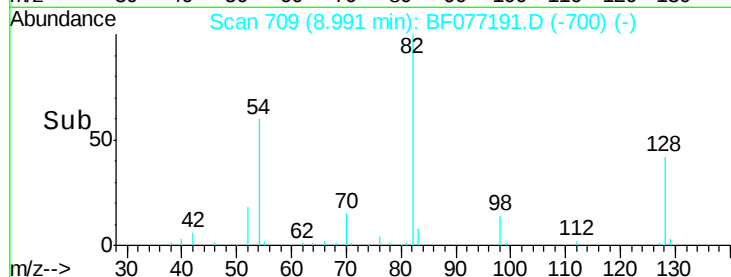
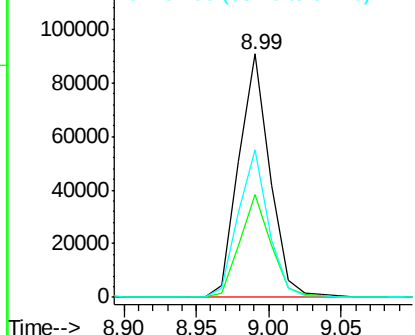
#23
Nitrobenzene-d5
Concen: 57.46 ng
RT: 8.99 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tgt Ion: 82 Resp: 135205
Ion Ratio Lower Upper
82 100
128 42.4 33.1 49.7
54 60.7 48.3 72.5

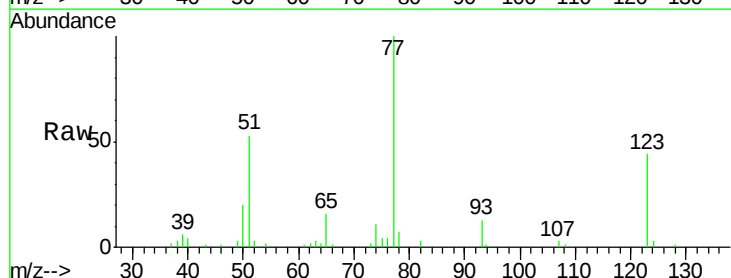


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

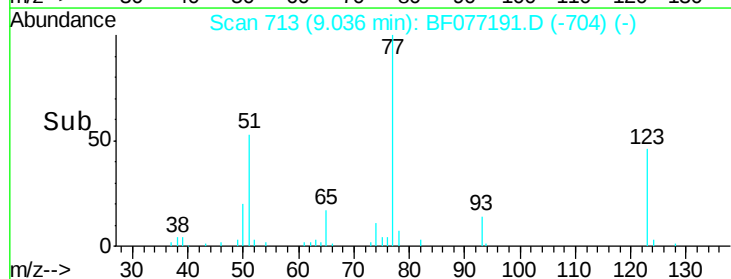
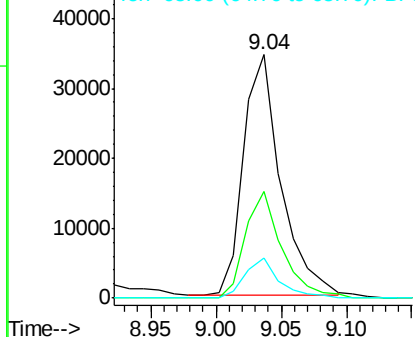


#24
Nitrobenzene
Concen: 28.47 ng
RT: 9.04 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Tgt Ion: 77 Resp: 68229
Ion Ratio Lower Upper
77 100
123 43.9 35.2 52.8
65 16.3 11.4 17.2



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

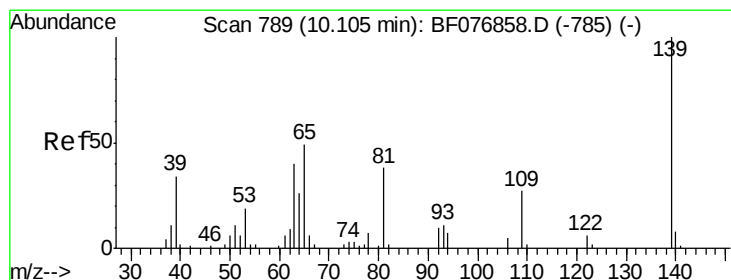
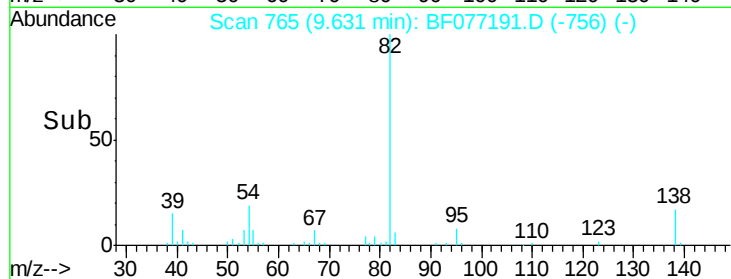
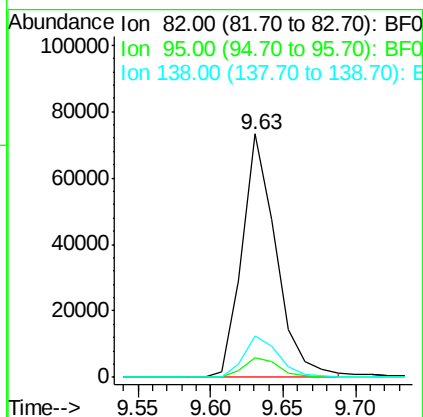
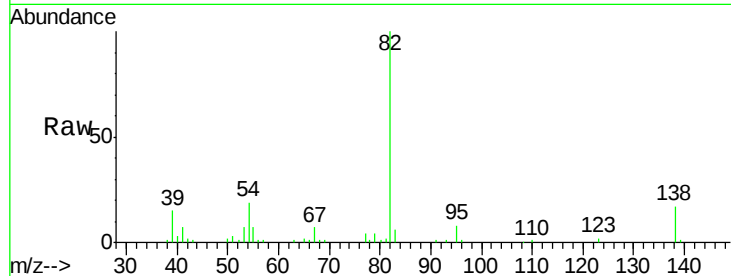




#25
Isophorone
Concen: 27.86 ng
RT: 9.63 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

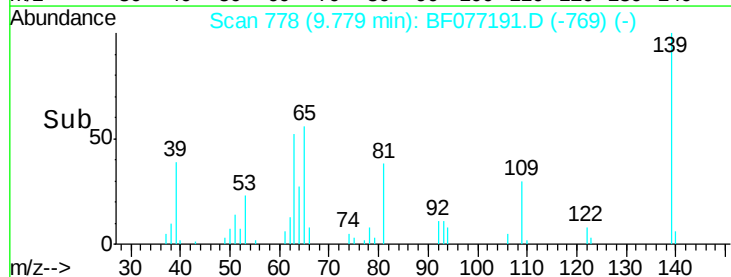
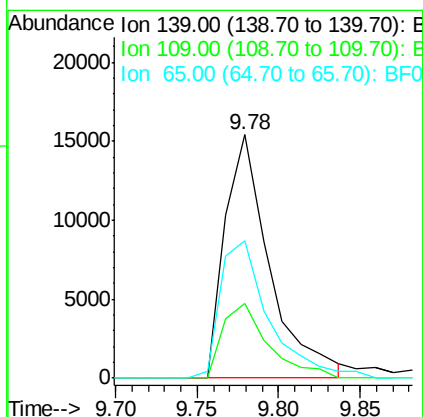
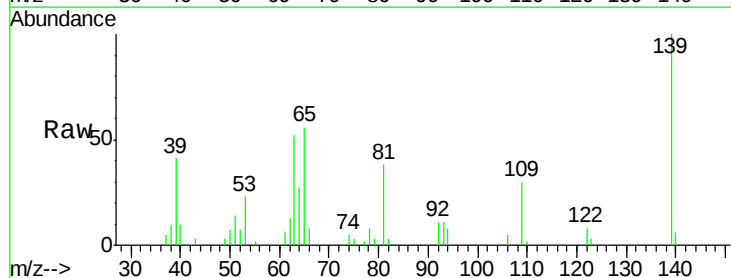
Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tgt Ion: 82 Resp: 119373
Ion Ratio Lower Upper
82 100
95 8.0 6.6 10.0
138 17.2 12.6 18.8



#26
2-Nitrophenol
Concen: 24.67 ng
RT: 9.78 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Tgt Ion: 139 Resp: 29186
Ion Ratio Lower Upper
139 100
109 30.5 21.3 31.9
65 56.3 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 28.84 ng

RT: 10.05 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81608BS

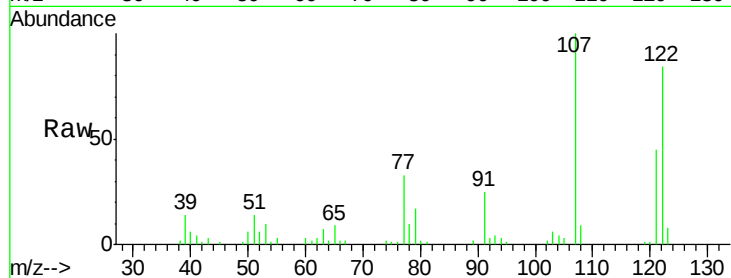
Tgt Ion: 122 Resp: 53458

Ion Ratio Lower Upper

122 100

107 119.7 95.2 142.8

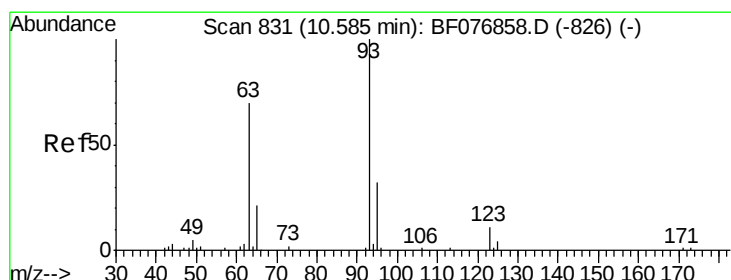
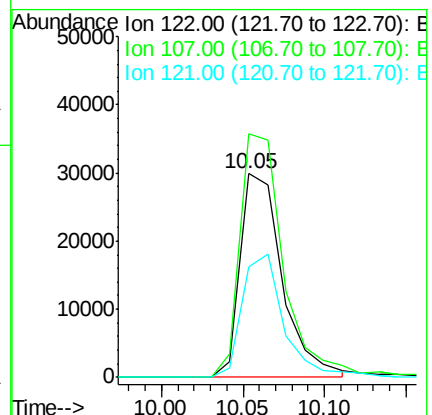
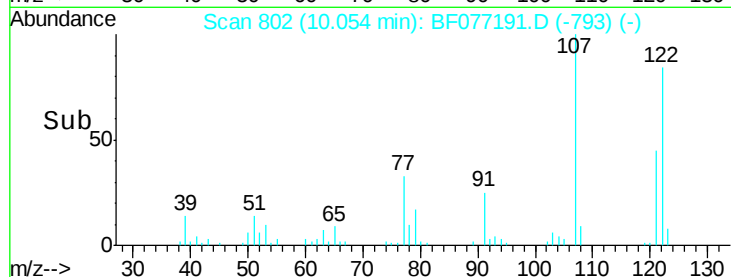
121 54.3 42.9 64.3



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: 30.05 ng

RT: 10.26 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

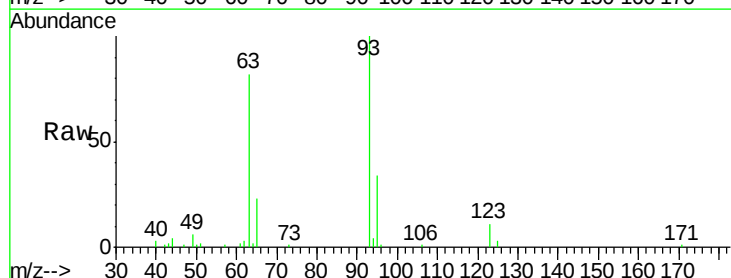
Tgt Ion: 93 Resp: 73189

Ion Ratio Lower Upper

93 100

95 34.1 25.6 38.4

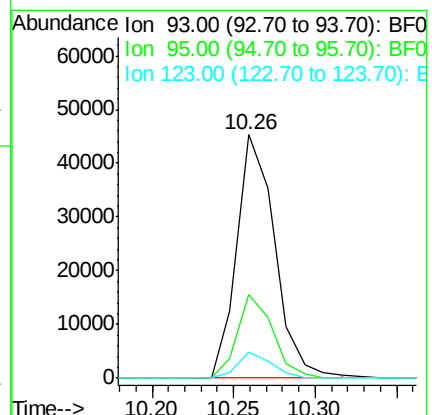
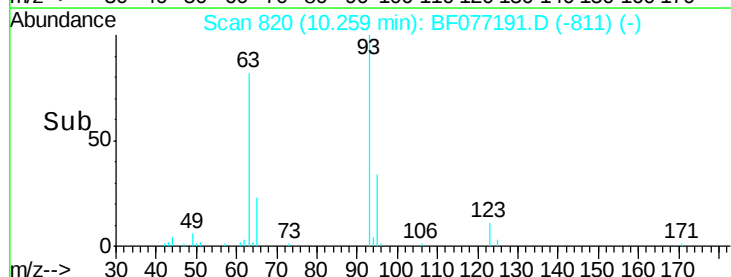
123 10.5 8.9 13.3

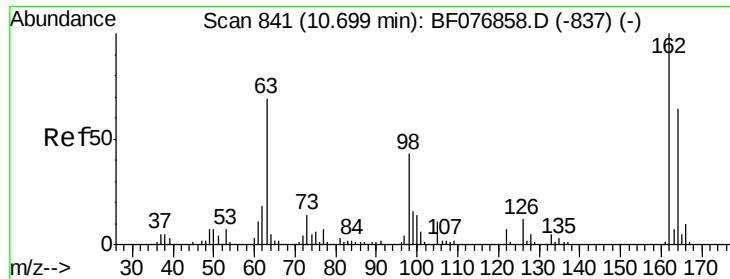


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

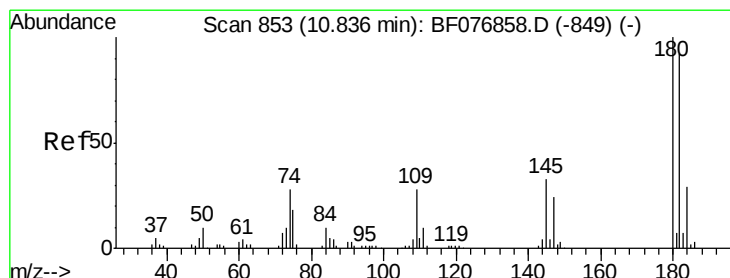
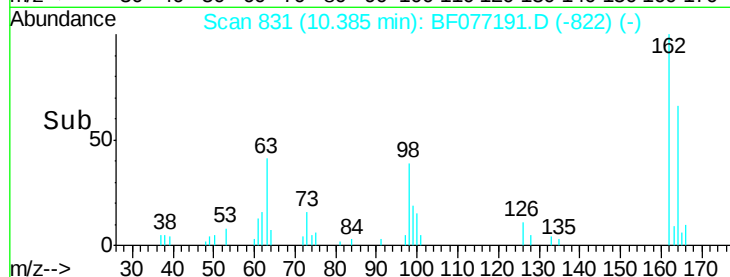
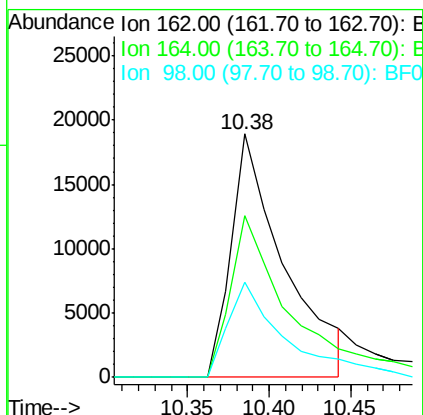
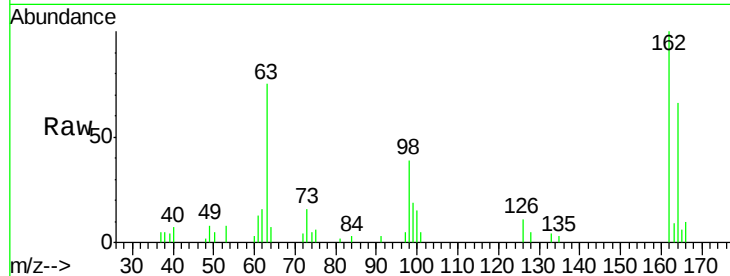




#29
 2,4-Dichlorophenol
 Concen: 24.61 ng
 RT: 10.38 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

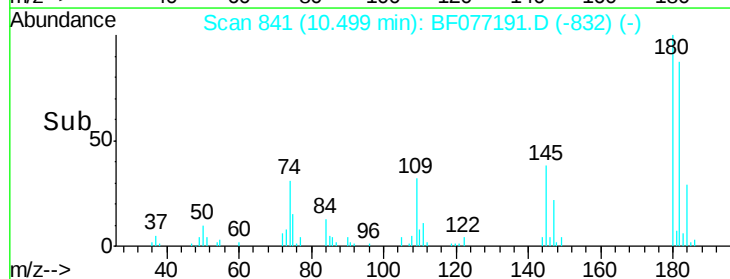
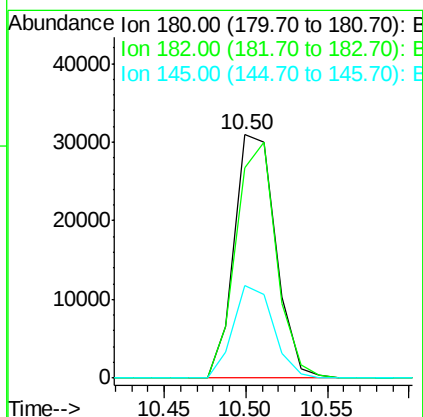
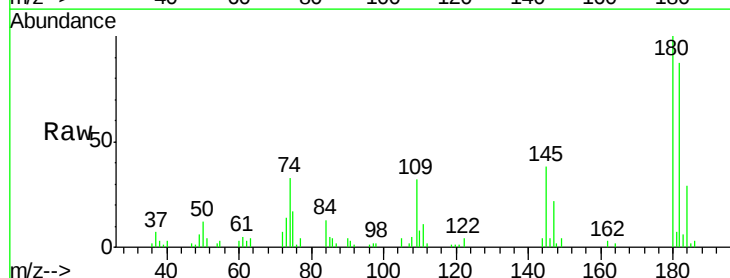
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

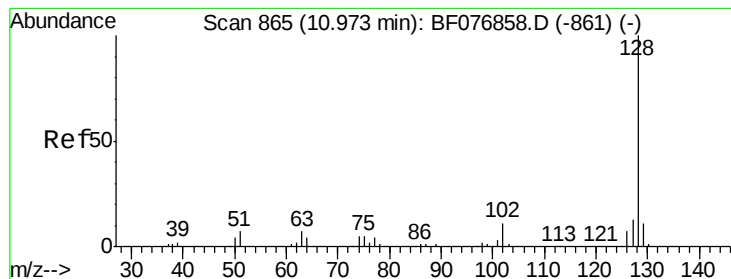
Tgt Ion:162 Resp: 42519
 Ion Ratio Lower Upper
 162 100
 164 66.3 43.8 83.8
 98 39.3 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 28.41 ng
 RT: 10.50 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:180 Resp: 54506
 Ion Ratio Lower Upper
 180 100
 182 86.6 73.6 110.4
 145 38.0 26.6 39.8





#31

Naphthalene

Concen: 28.02 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81608BS

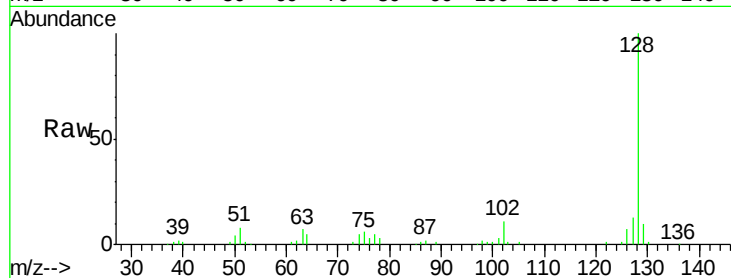
Tgt Ion:128 Resp: 188023

Ion Ratio Lower Upper

128 100

129 9.9 9.0 13.6

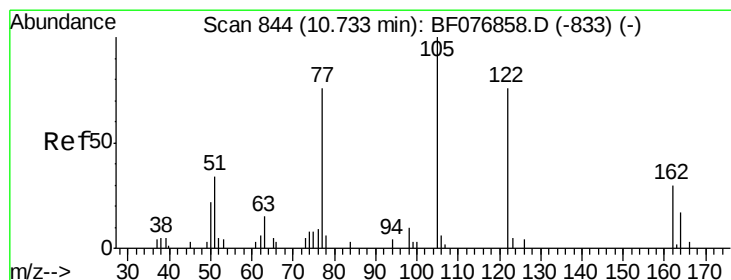
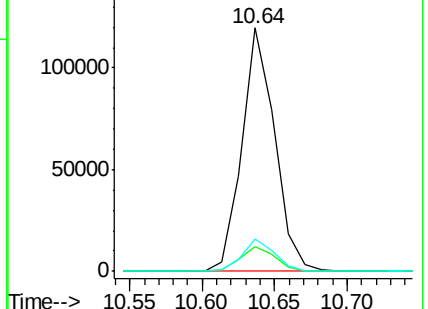
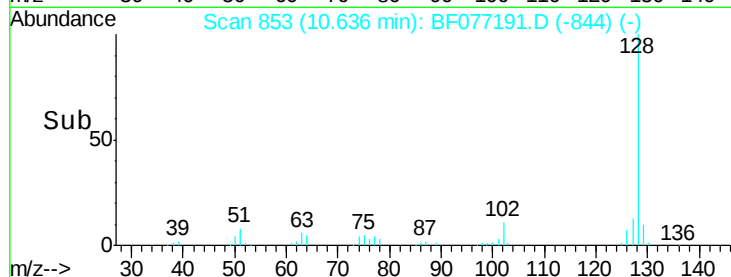
127 13.2 10.2 15.2



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: 11.16 ng m

RT: 10.45 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

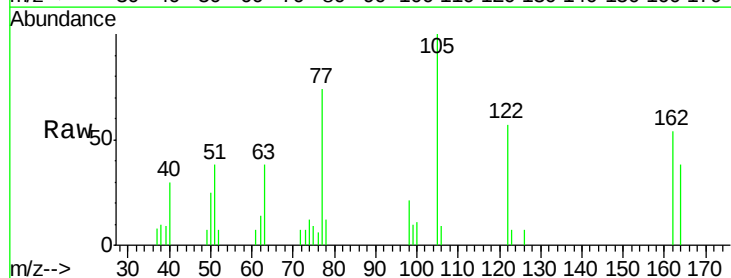
Tgt Ion:122 Resp: 11457

Ion Ratio Lower Upper

122 100

105 176.7 111.3 151.3#

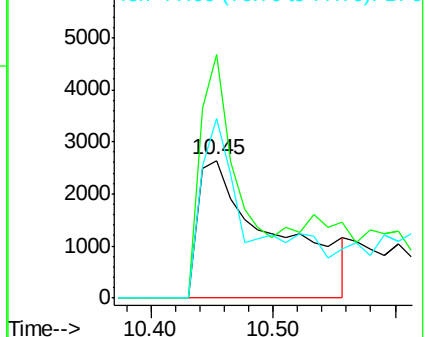
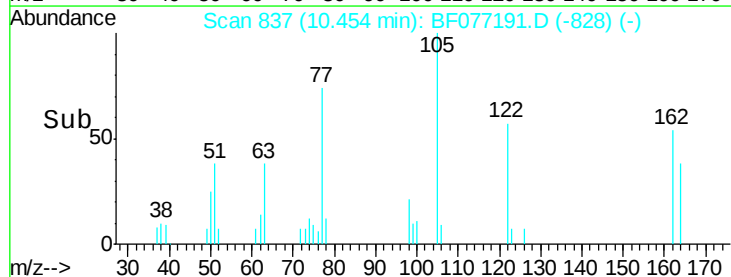
77 130.7 79.2 119.2#

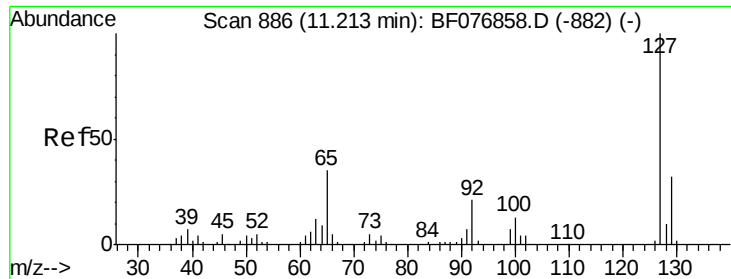


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

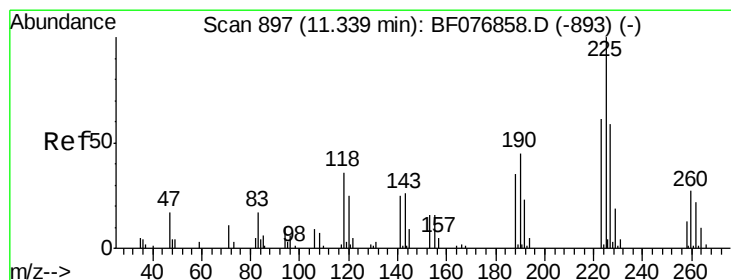
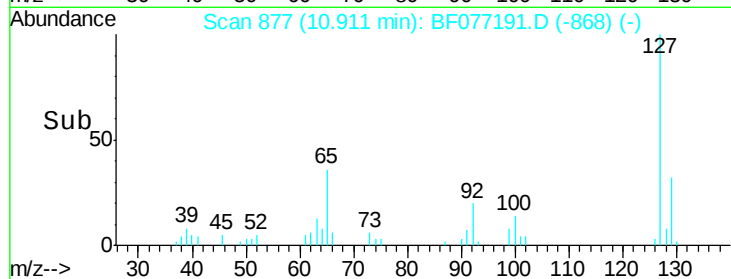
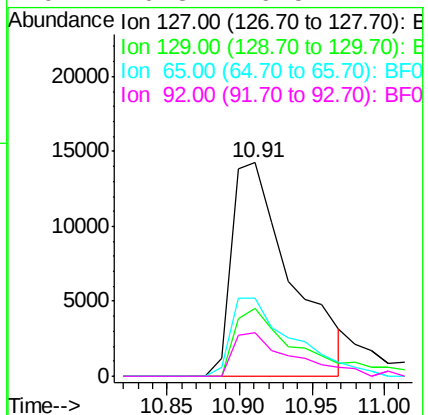
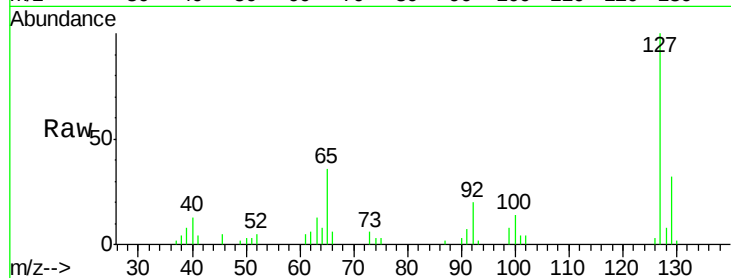




#33
4-Chloroaniline
Concen: 14.88 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

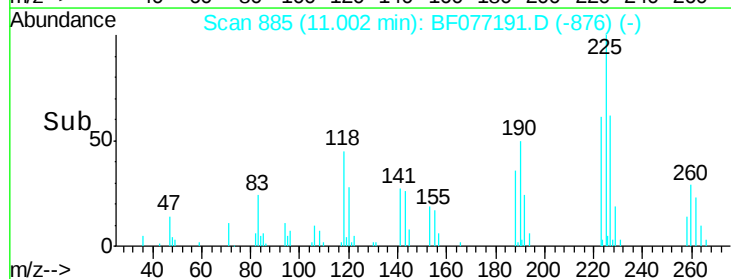
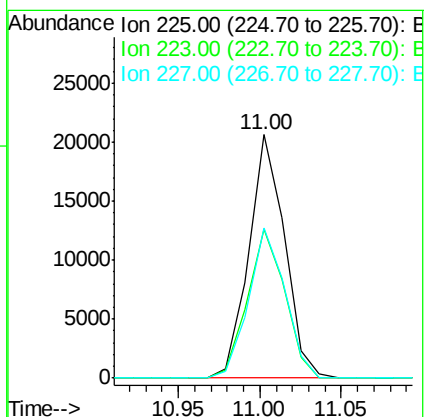
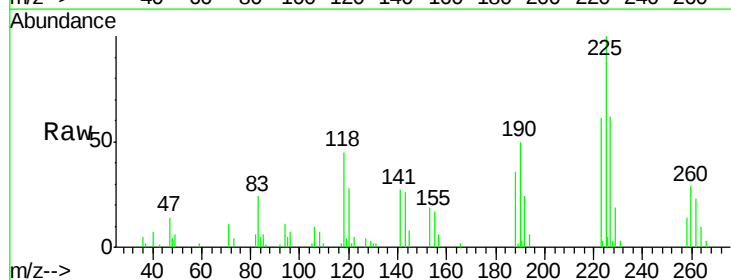
Instrument :
BNA_F
ClientSampleId :
PB81608BS

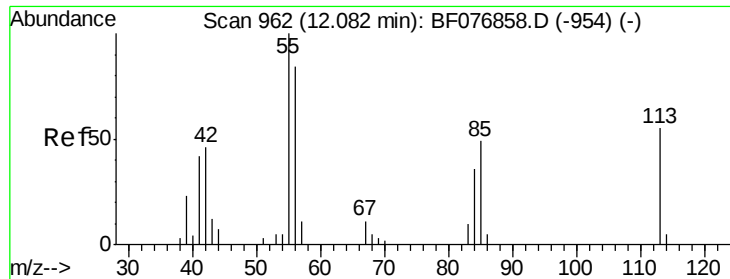
Tgt Ion:	127	Resp:	40350
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.3	37.9
65	36.3	27.8	41.6
92	20.3	16.5	24.7



#34
Hexachlorobutadiene
Concen: 27.50 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Tgt Ion:	225	Resp:	31307
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.1	73.7
227	61.6	47.5	71.3

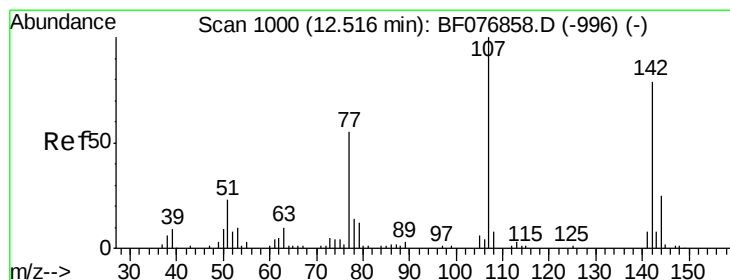
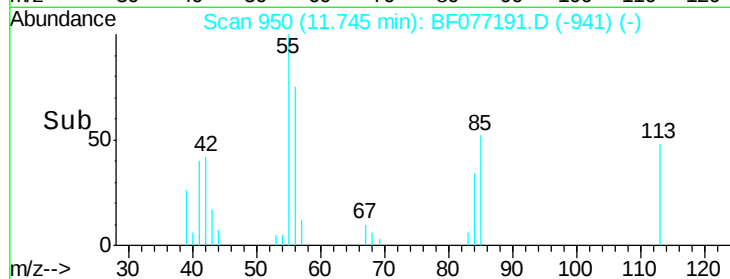
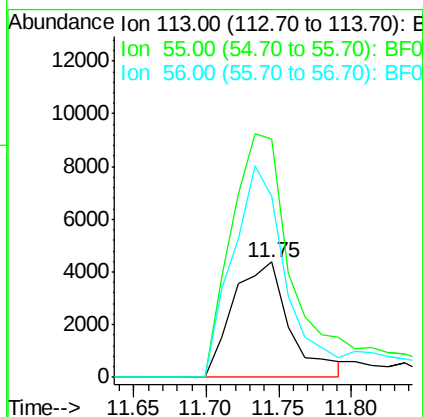
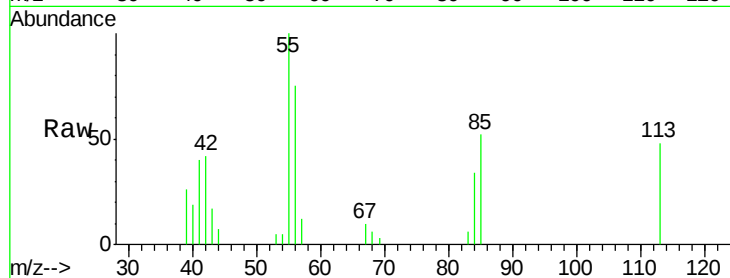




#35
 Caprolactam
 Concen: 23.19 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

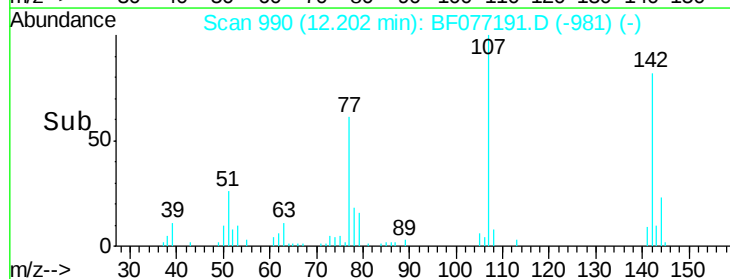
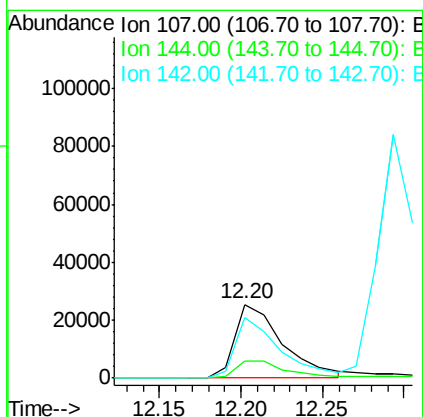
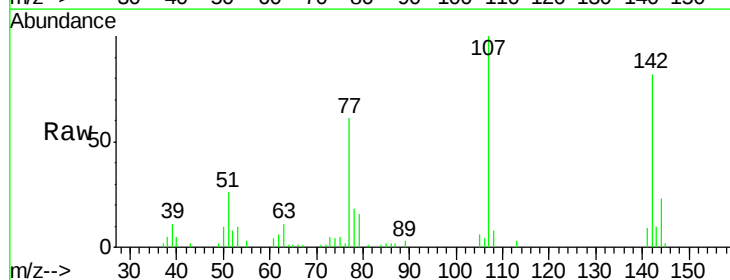
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

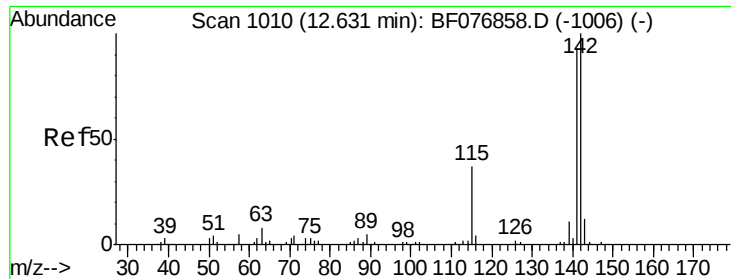
Tgt Ion:113 Resp: 11793
 Ion Ratio Lower Upper
 113 100
 55 207.5 162.1 202.1#
 56 156.6 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 26.30 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:107 Resp: 52027
 Ion Ratio Lower Upper
 107 100
 144 23.0 20.0 30.0
 142 81.5 63.5 95.3

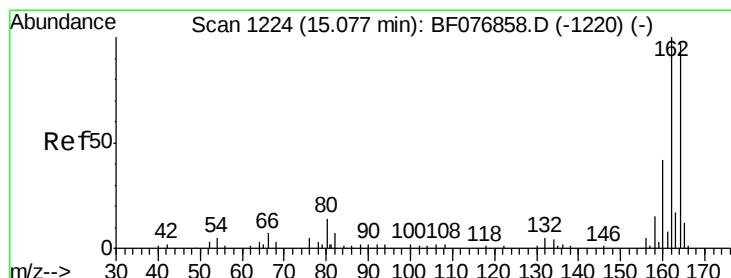
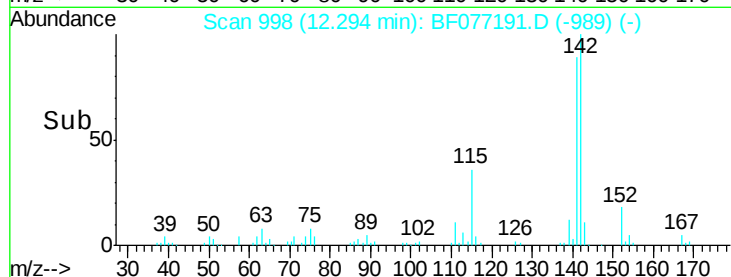
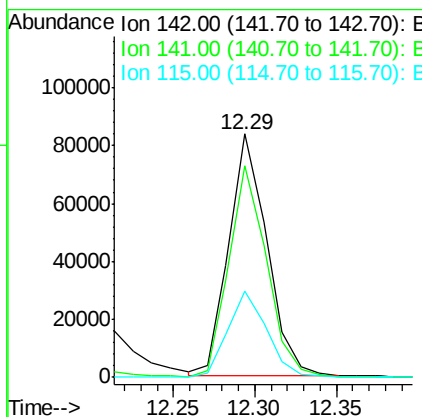
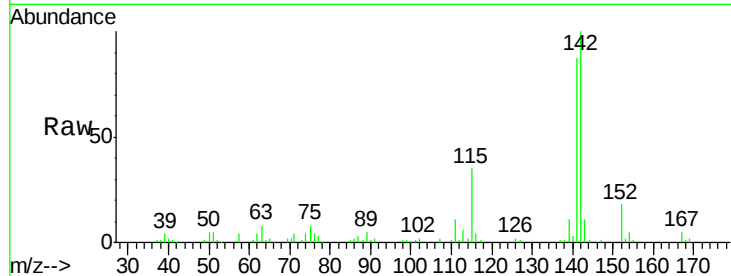




#37
 2-Methylnaphthalene
 Concen: 29.34 ng
 RT: 12.29 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

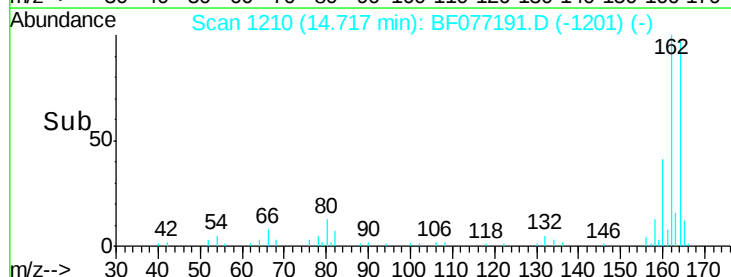
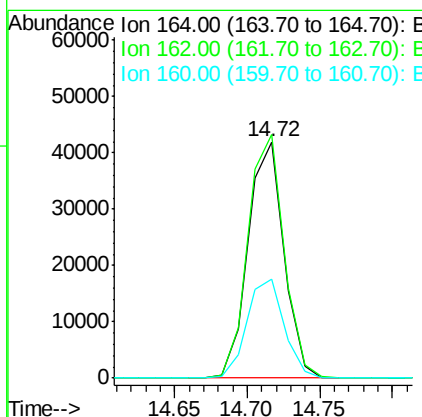
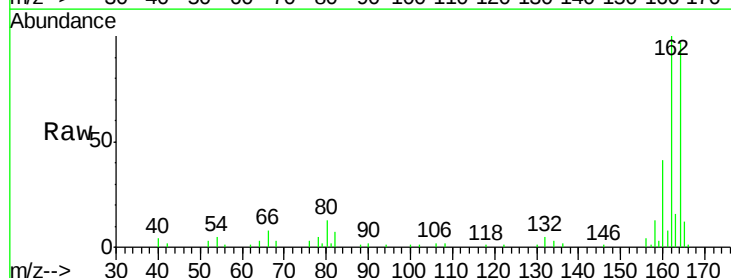
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tgt Ion:142 Resp: 134456
 Ion Ratio Lower Upper
 142 100
 141 87.1 74.5 111.7
 115 35.2 29.7 44.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:164 Resp: 71572
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.4 123.6
 160 42.0 34.8 52.2

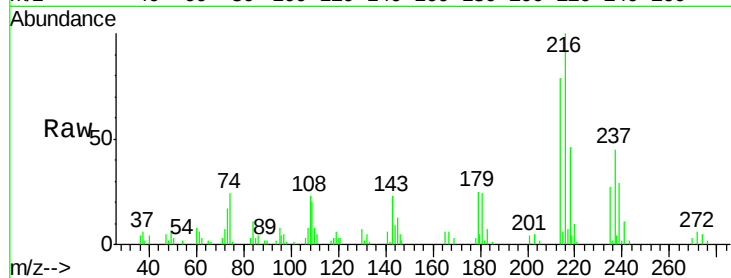




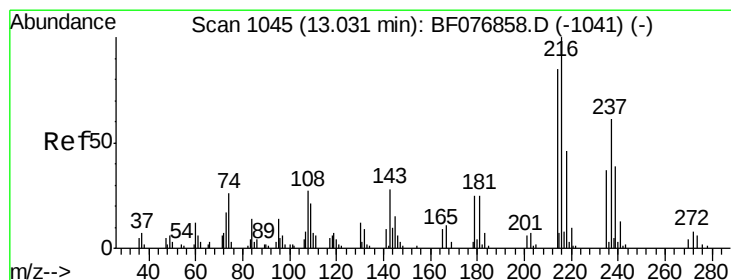
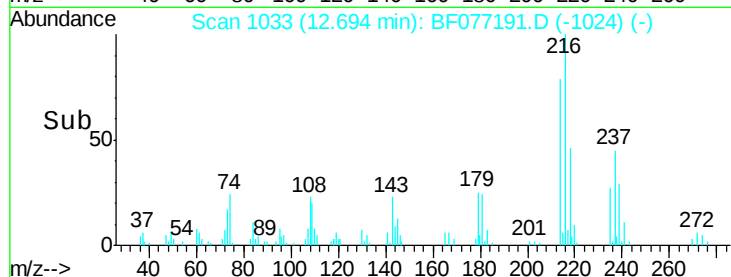
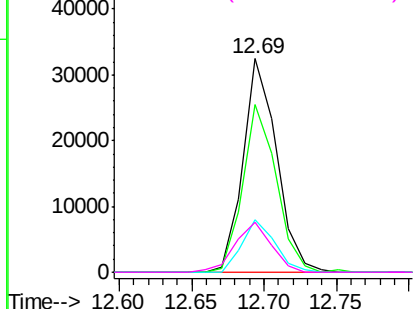
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.43 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Instrument :
 BNA_F
 ClientSampleID :
 PB81608BS

Tgt Ion:216 Resp: 52080
 Ion Ratio Lower Upper
 216 100
 214 78.4 64.9 97.3
 179 24.0 18.6 28.0
 108 25.3 18.1 27.1

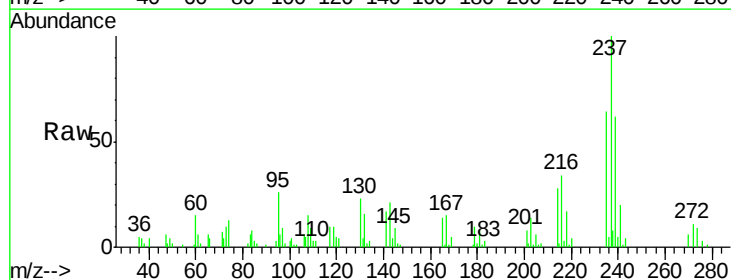


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

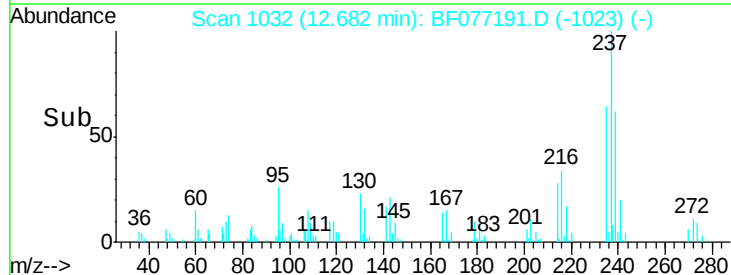
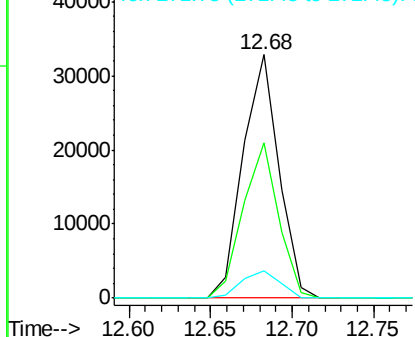


#40
 Hexachlorocyclopentadiene
 Concen: 54.09 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:237 Resp: 50025
 Ion Ratio Lower Upper
 237 100
 235 63.6 40.4 80.4
 272 11.4 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

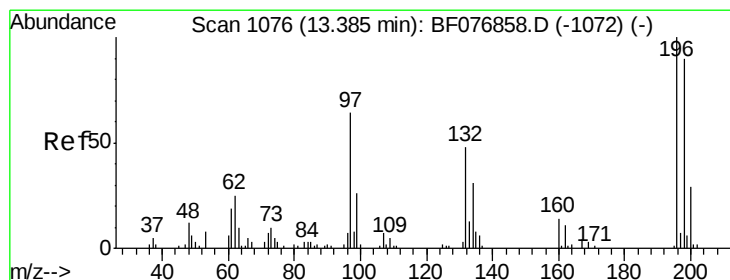
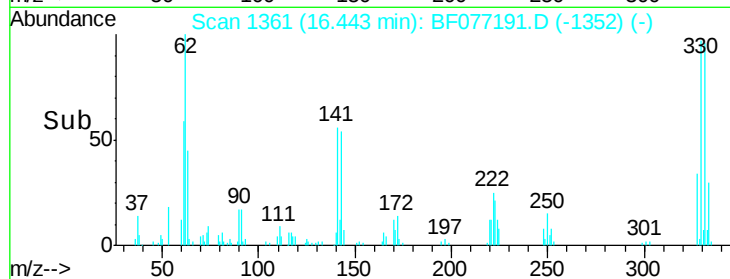
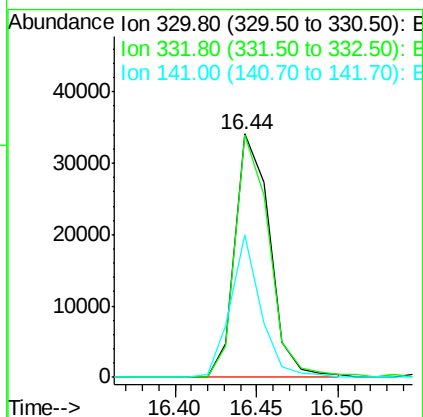
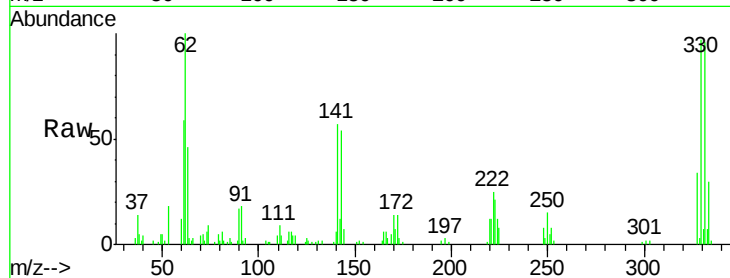




#41
 2,4,6-Tribromophenol
 Concen: 86.50 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

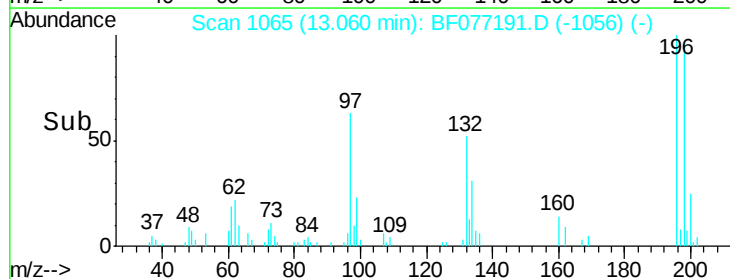
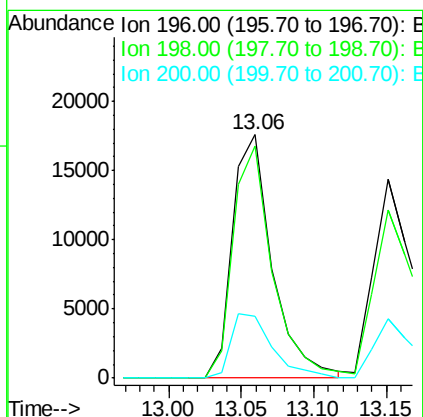
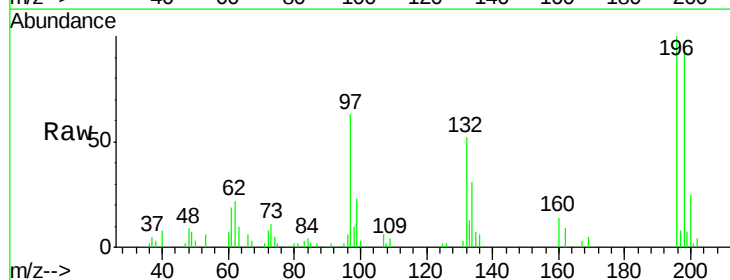
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tgt Ion:330 Resp: 50255
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.8 116.6
 141 51.5 38.5 57.7



#42
 2,4,6-Trichlorophenol
 Concen: 26.05 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:196 Resp: 33585
 Ion Ratio Lower Upper
 196 100
 198 95.6 72.0 108.0
 200 25.3 23.4 35.2

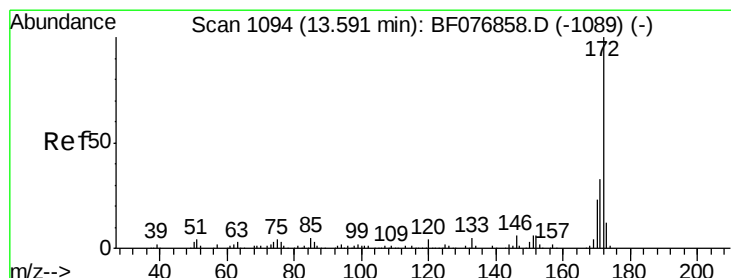
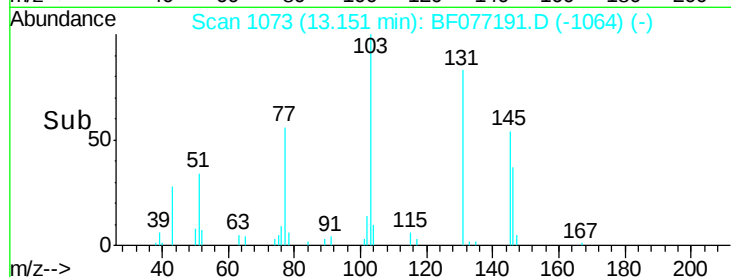
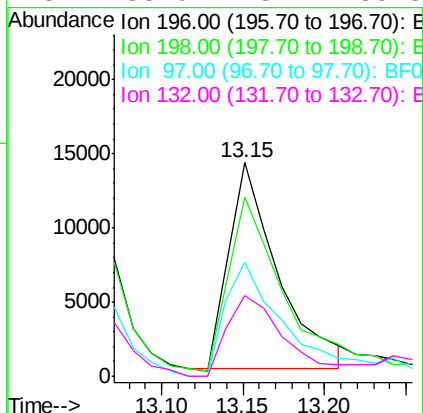
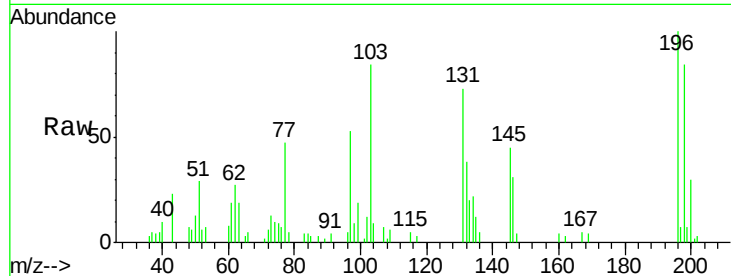




#43
 2,4,5-Trichlorophenol
 Concen: 21.99 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

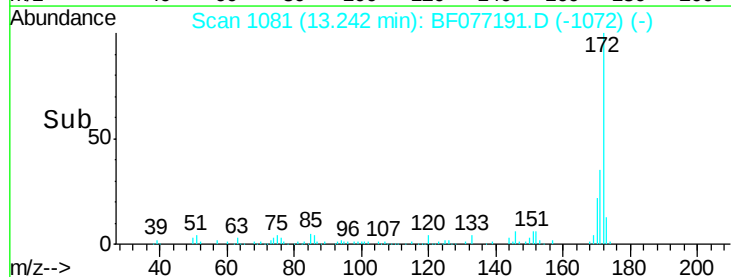
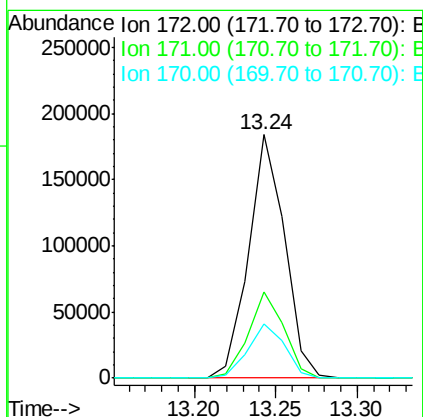
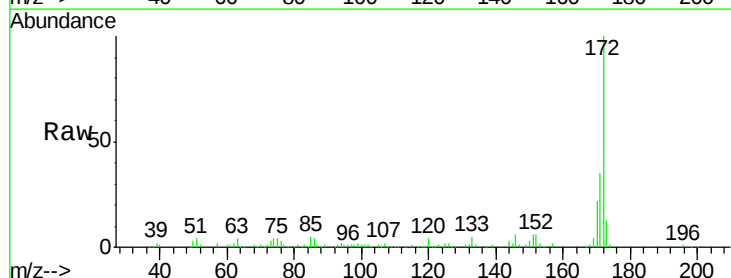
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tgt Ion:196 Resp: 28915
 Ion Ratio Lower Upper
 196 100
 198 84.2 76.6 115.0
 97 53.4 43.4 65.0
 132 38.0 23.7 35.5#



#44
 2-Fluorobiphenyl
 Concen: 59.93 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:172 Resp: 281840
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.6 40.0
 170 22.3 18.0 27.0

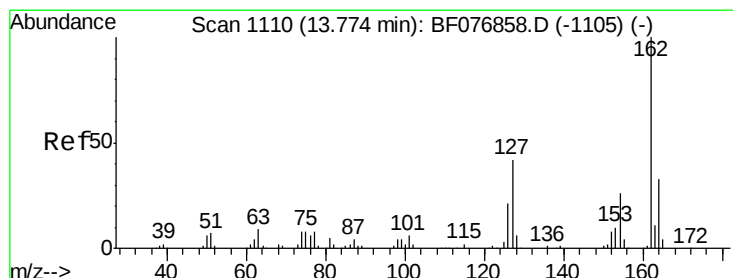
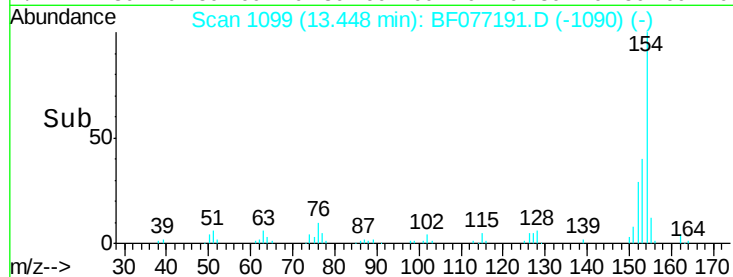
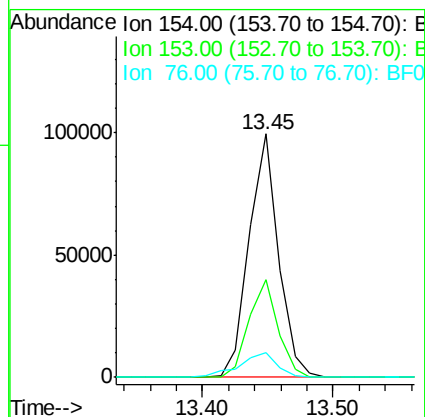
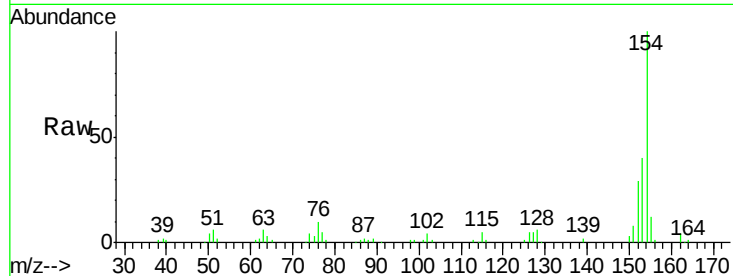




#45
 1,1'-Biphenyl
 Concen: 29.40 ng
 RT: 13.45 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

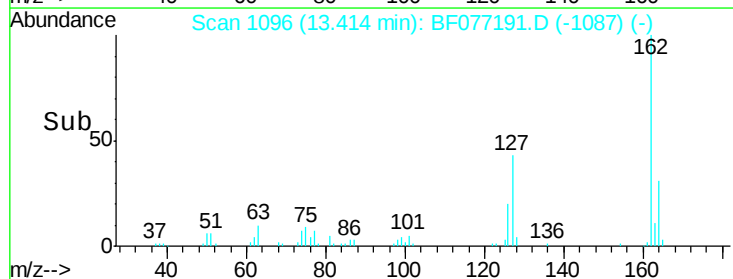
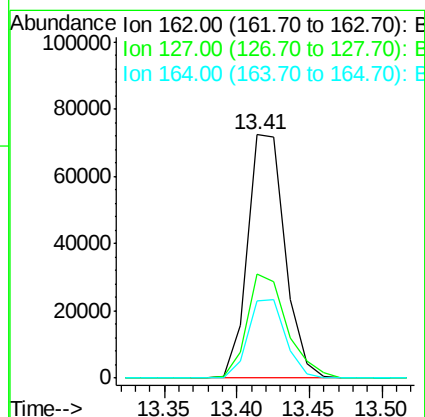
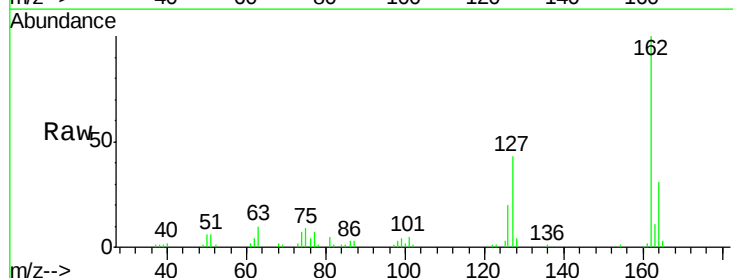
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

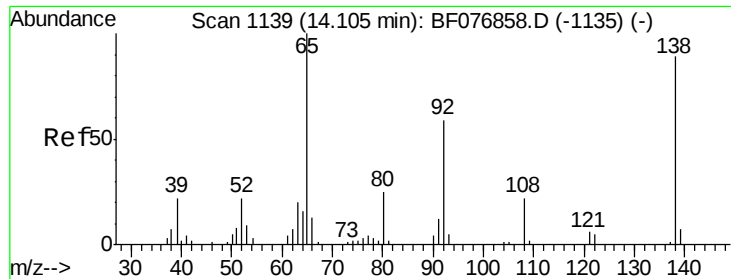
Tgt Ion:154 Resp: 156011
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.2 60.2
 76 10.4 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 29.60 ng
 RT: 13.41 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:162 Resp: 129259
 Ion Ratio Lower Upper
 162 100
 127 42.7 33.8 50.6
 164 31.5 26.8 40.2





#47

2-Nitroaniline

Concen: 28.23 ng

RT: 13.78 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81608BS

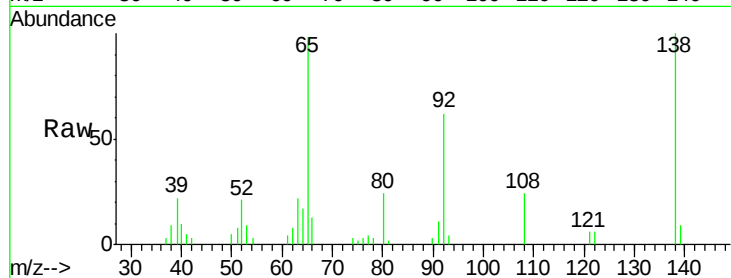
Tgt Ion: 65 Resp: 37387

Ion Ratio Lower Upper

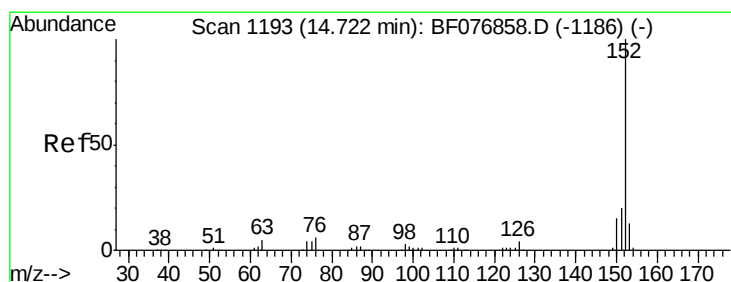
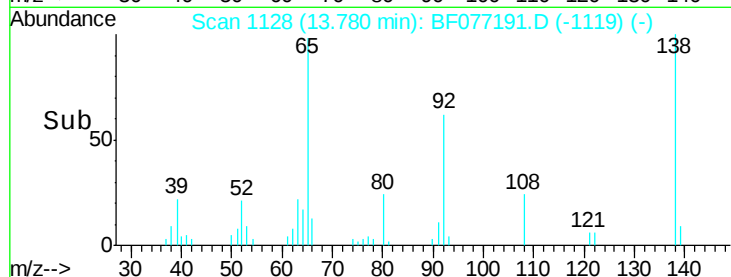
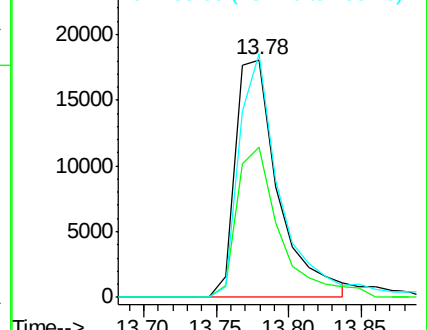
65 100

92 63.1 47.3 70.9

138 102.4 71.4 107.2



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



#48

Acenaphthylene

Concen: 27.50 ng

RT: 14.36 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

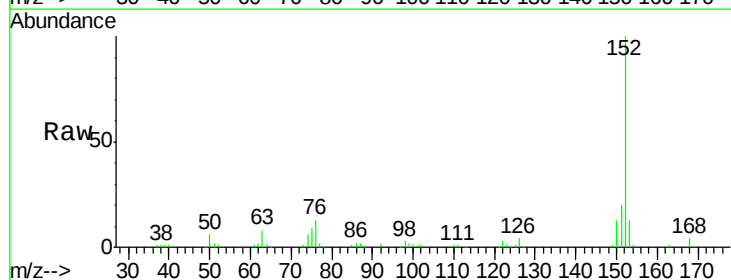
Tgt Ion: 152 Resp: 202541

Ion Ratio Lower Upper

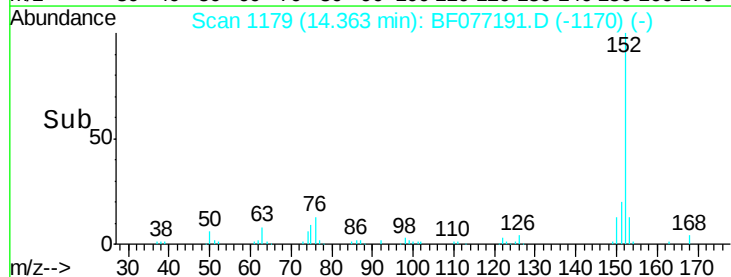
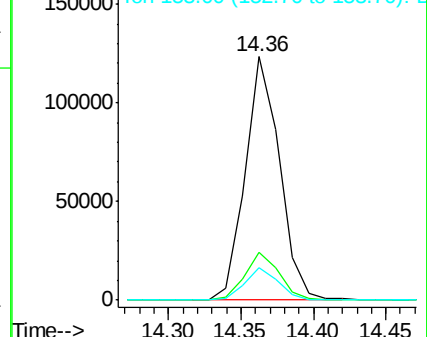
152 100

151 19.7 15.9 23.9

153 13.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

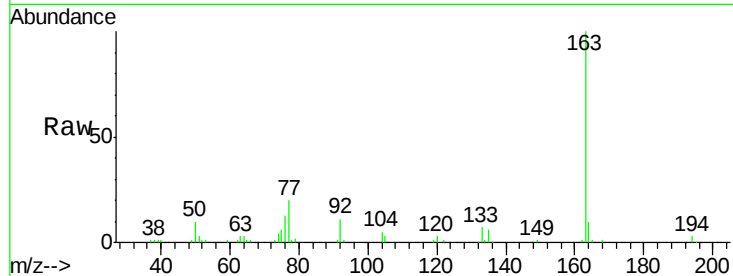




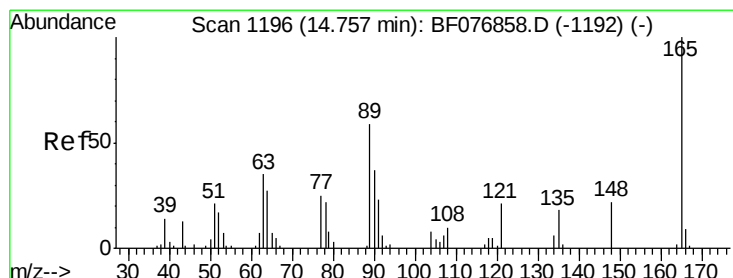
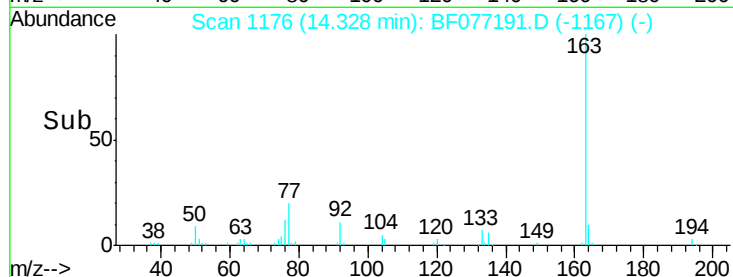
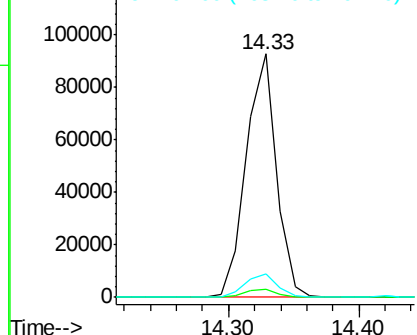
#49
Dimethylphthalate
Concen: 29.61 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tgt Ion:163 Resp: 150266
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.6 7.5 11.3

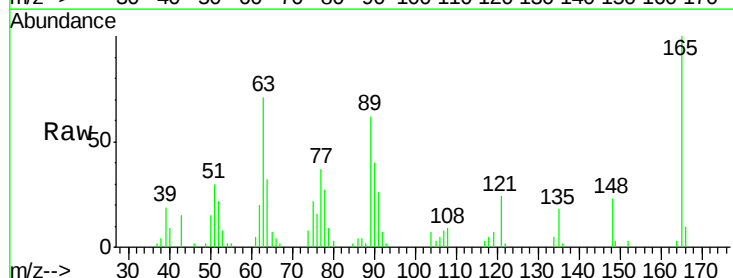


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

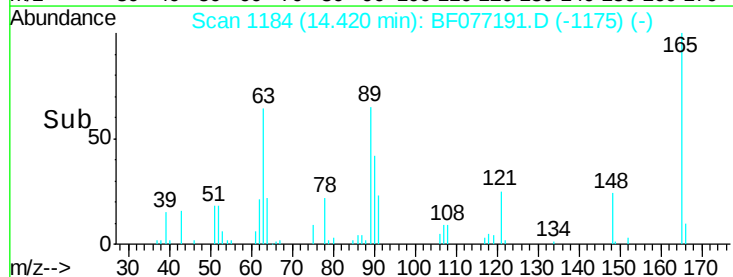
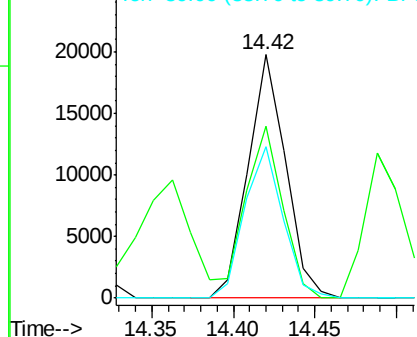


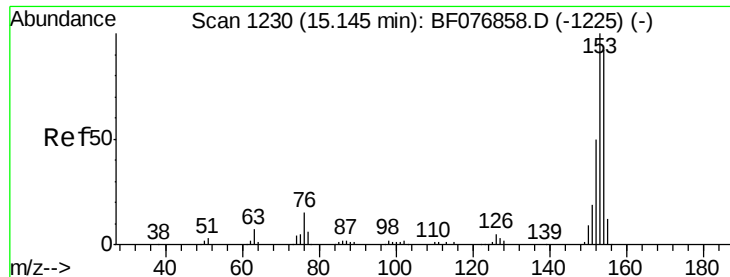
#50
2,6-Dinitrotoluene
Concen: 31.20 ng
RT: 14.42 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Tgt Ion:165 Resp: 31642
Ion Ratio Lower Upper
165 100
63 70.8 48.1 72.1
89 62.4 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: 27.51 ng

RT: 14.79 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81608BS

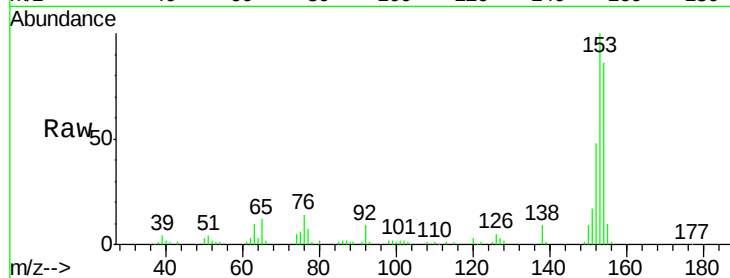
Tgt Ion:154 Resp: 114956

Ion Ratio Lower Upper

154 100

153 115.7 87.0 130.6

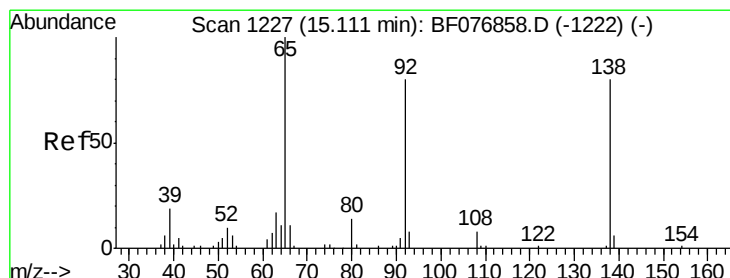
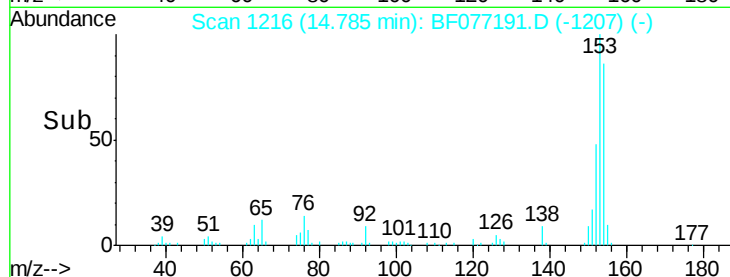
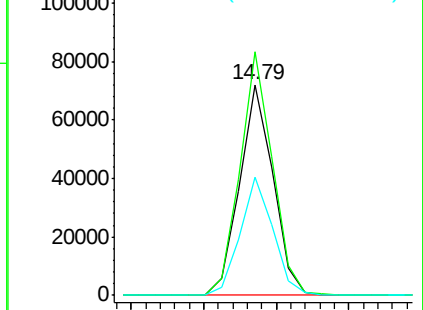
152 55.9 43.5 65.3



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: 19.03 ng

RT: 14.77 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

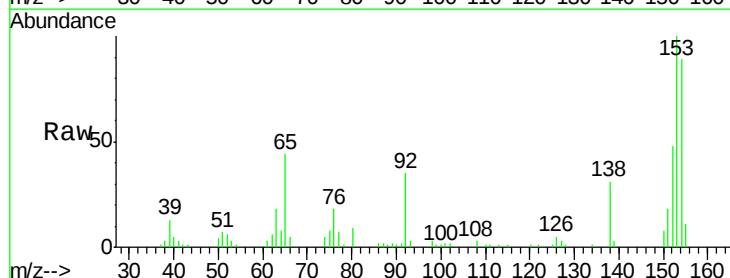
Tgt Ion:138 Resp: 23692

Ion Ratio Lower Upper

138 100

108 10.6 8.3 12.5

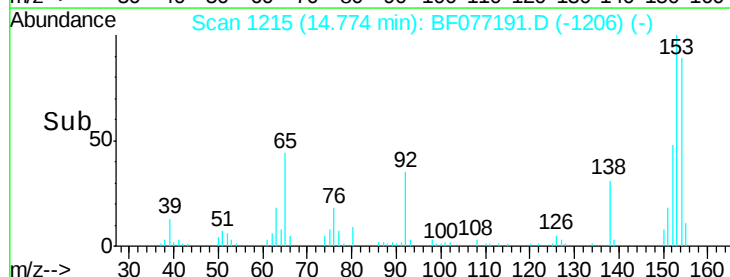
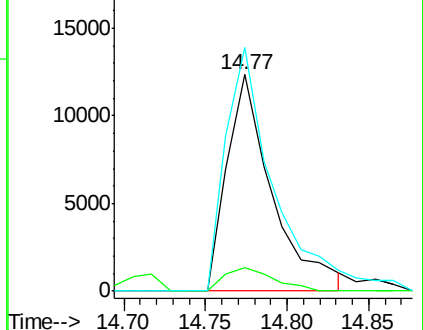
92 112.7 80.9 121.3

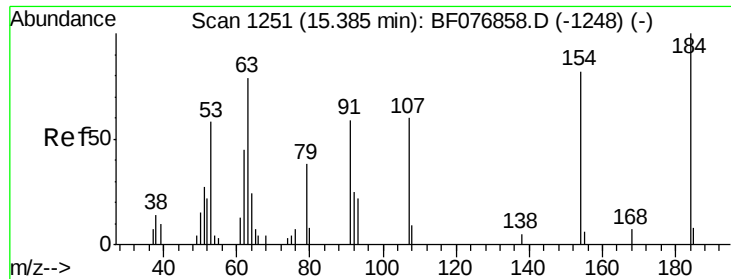


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

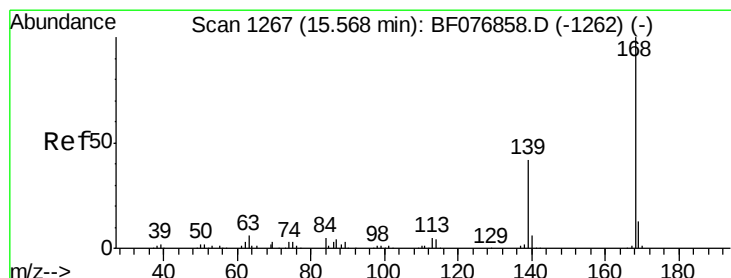
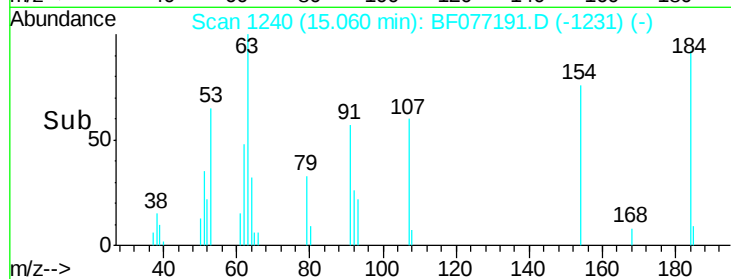
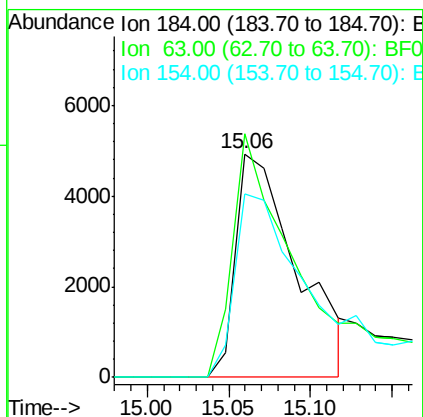
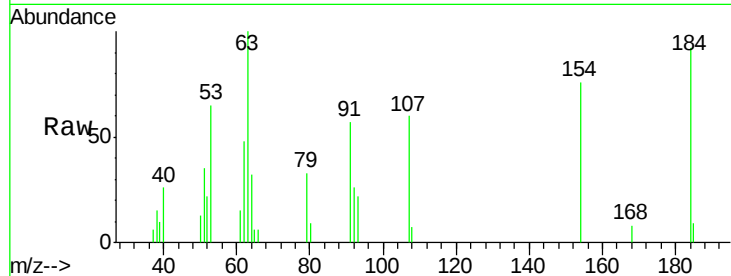




#53
 2,4-Dinitrophenol
 Concen: 34.69 ng
 RT: 15.06 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

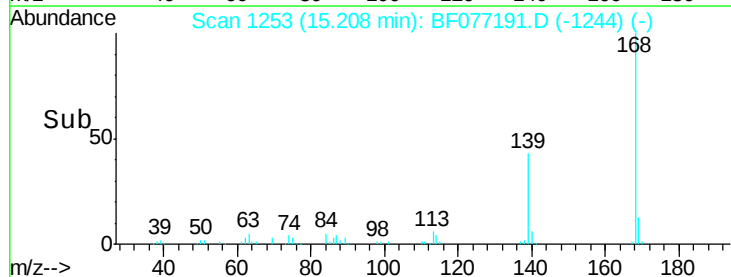
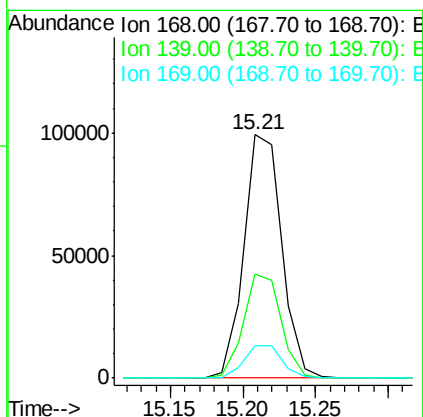
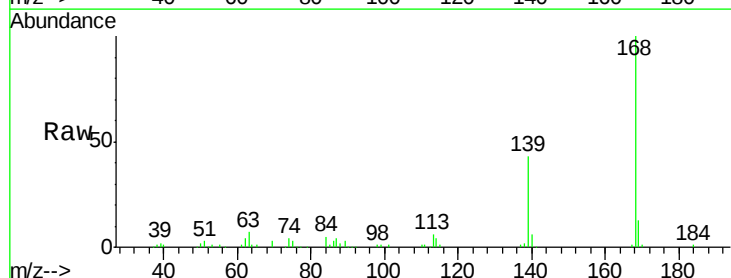
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tgt Ion:184 Resp: 12796
 Ion Ratio Lower Upper
 184 100
 63 108.9 63.0 94.6#
 154 82.3 65.5 98.3



#54
 Dibenzofuran
 Concen: 29.44 ng
 RT: 15.21 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:168 Resp: 179191
 Ion Ratio Lower Upper
 168 100
 139 42.6 33.4 50.2
 169 13.2 10.6 15.8

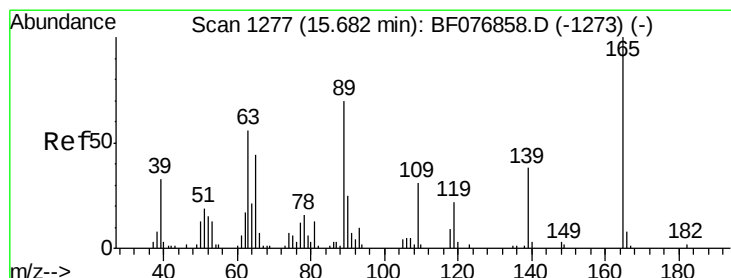
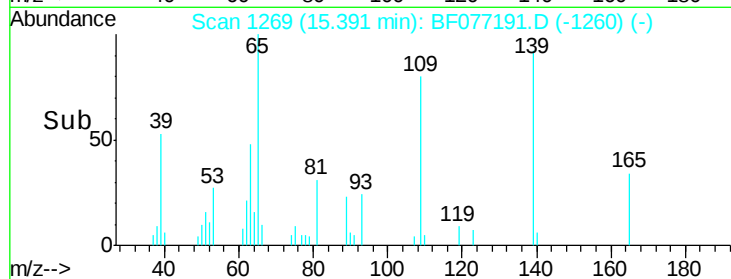
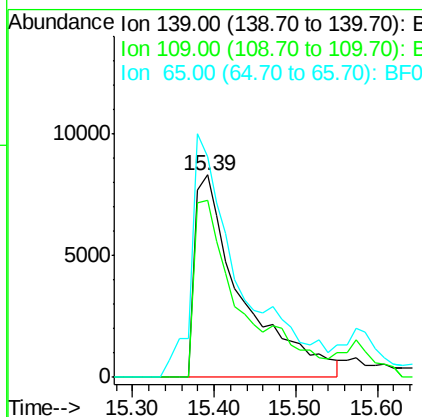
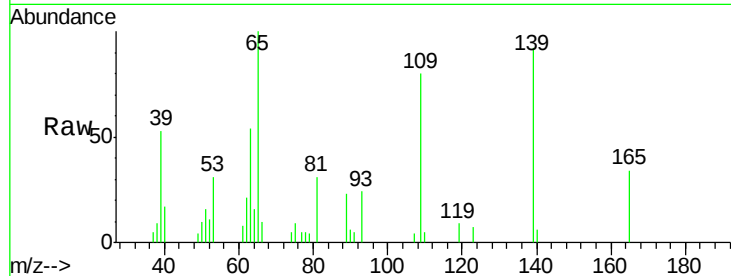




#55
4-Nitrophenol
Concen: 41.98 ng m
RT: 15.39 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

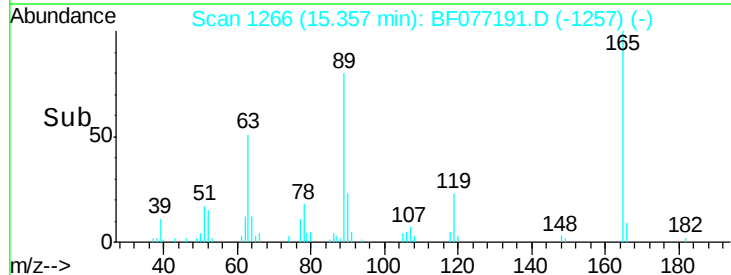
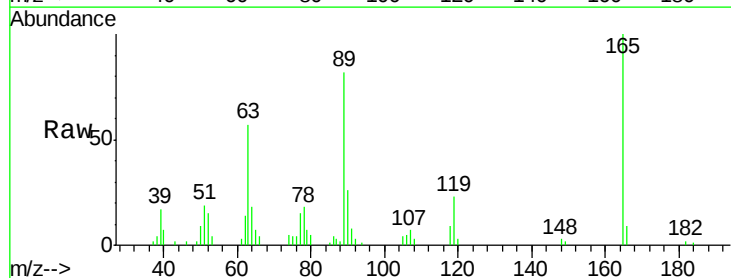
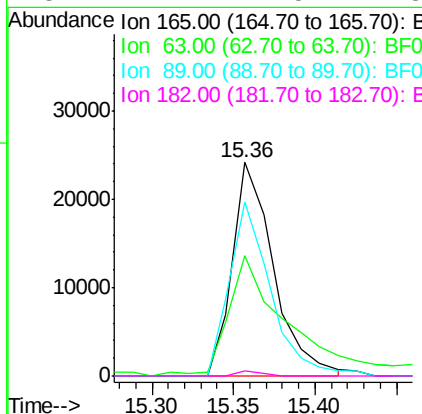
Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tgt Ion:139 Resp: 33397
Ion Ratio Lower Upper
139 100
109 87.3 61.0 101.0
65 108.9 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 28.70 ng
RT: 15.36 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Tgt Ion:165 Resp: 42281
Ion Ratio Lower Upper
165 100
63 56.6 44.8 67.2
89 81.8 56.2 84.2
182 2.4 1.5 2.3#





#57

Fluorene

Concen: 28.66 ng

RT: 15.97 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81608BS

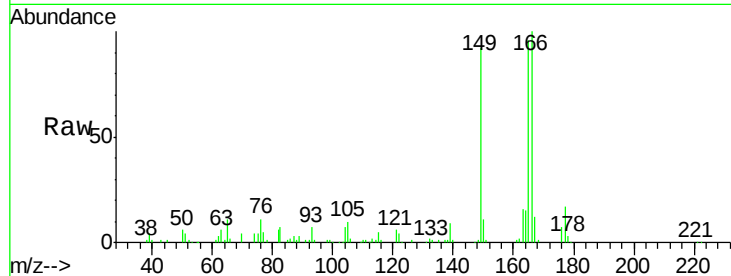
Tgt Ion:166 Resp: 147830

Ion Ratio Lower Upper

166 100

165 96.3 78.5 117.7

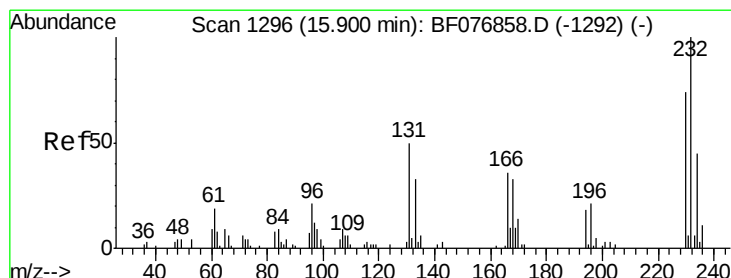
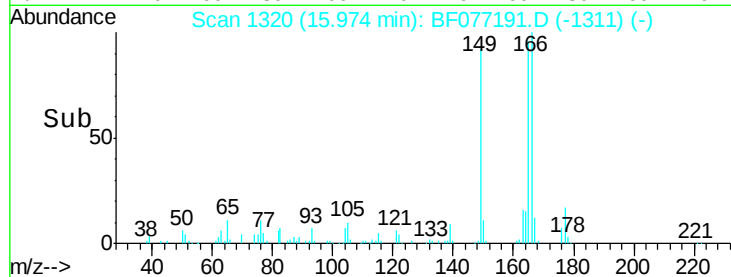
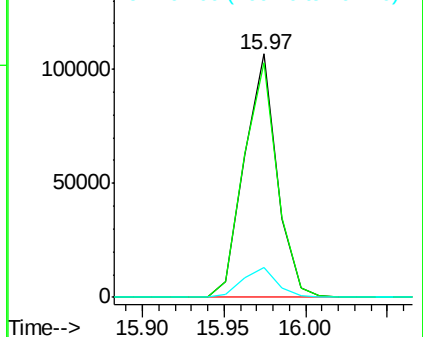
167 12.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.60 ng

RT: 15.59 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

Tgt Ion:232 Resp: 21637

Ion Ratio Lower Upper

232 100

131 62.4 45.0 67.6

130 1.3 2.6 3.8#

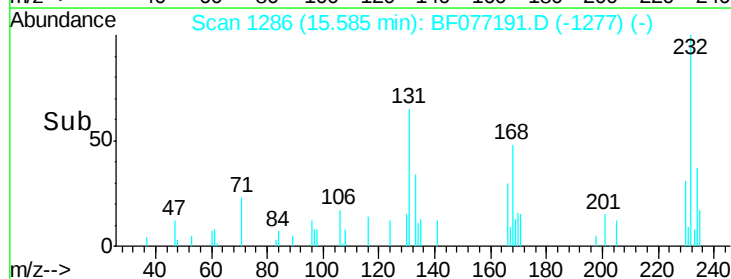
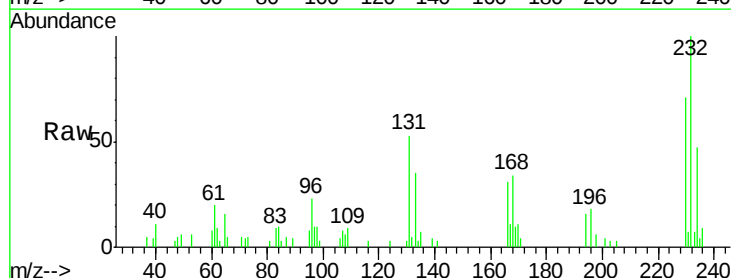
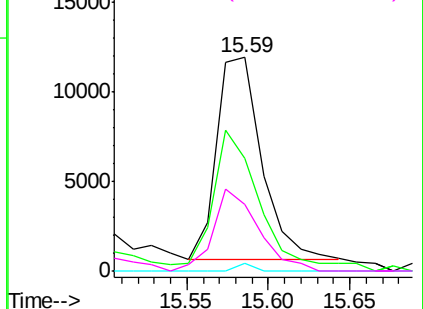
166 40.8 30.9 46.3

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

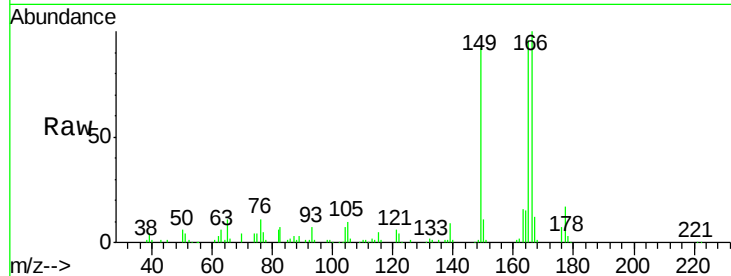




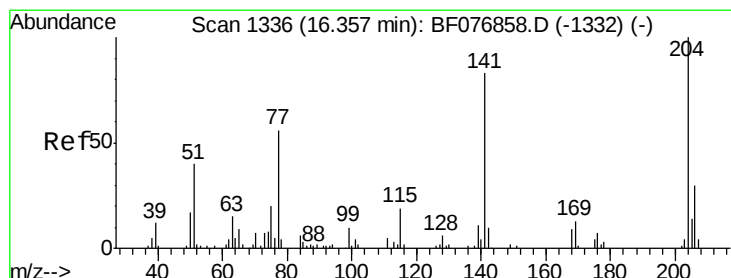
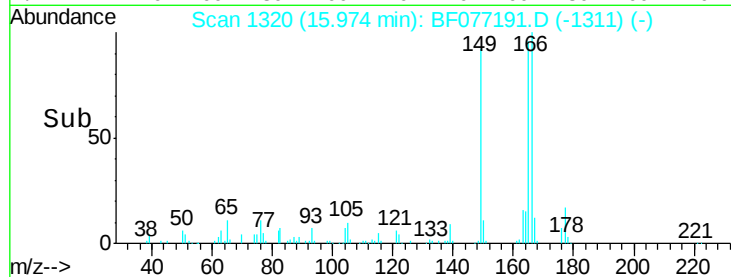
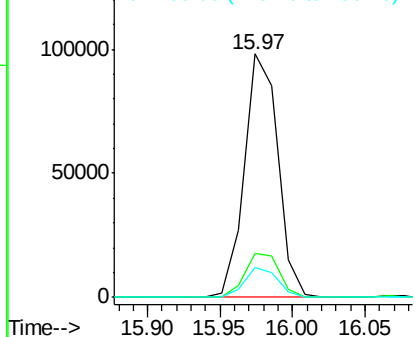
#59
Diethylphthalate
Concen: 30.57 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Instrument :
BNA_F
ClientSampled :
PB81608BS

Tgt Ion:149 Resp: 156837
Ion Ratio Lower Upper
149 100
177 18.2 15.0 22.6
150 12.2 9.4 14.0

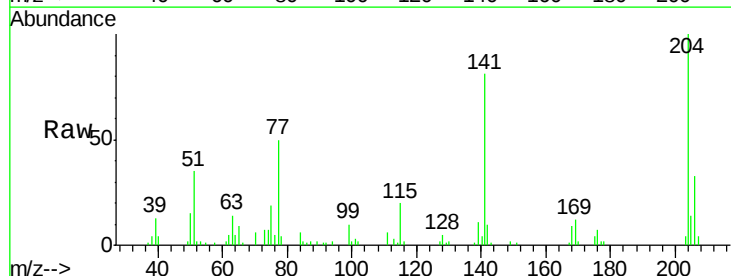


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

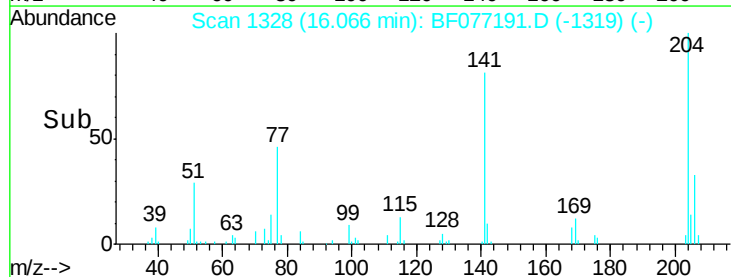
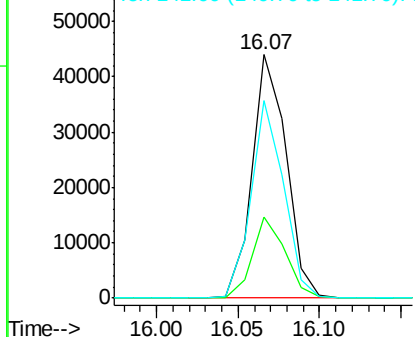


#60
4-Chlorophenyl-phenylether
Concen: 30.29 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Tgt Ion:204 Resp: 63910
Ion Ratio Lower Upper
204 100
206 33.1 24.2 36.2
141 81.1 66.7 100.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

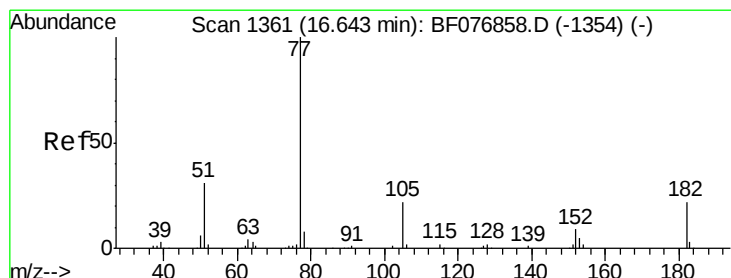
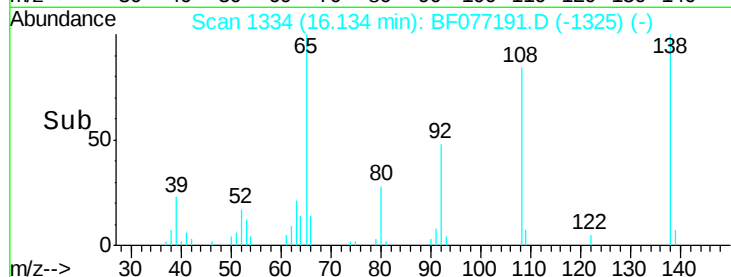
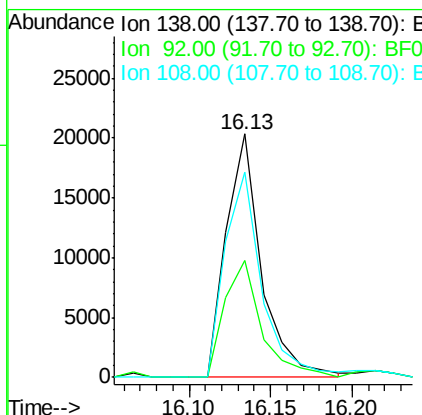
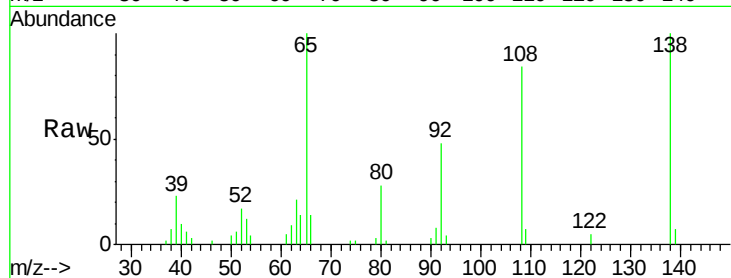




#61
 4-Nitroaniline
 Concen: 24.50 ng
 RT: 16.13 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

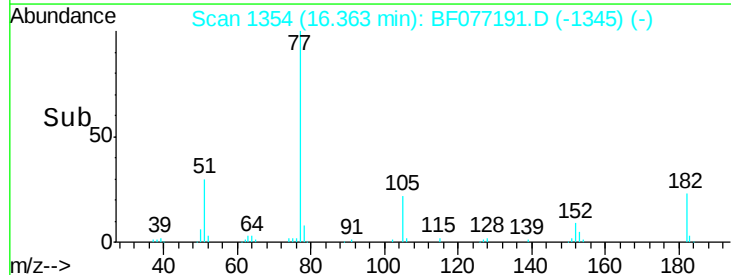
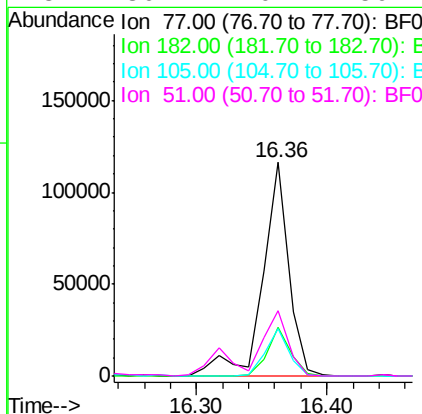
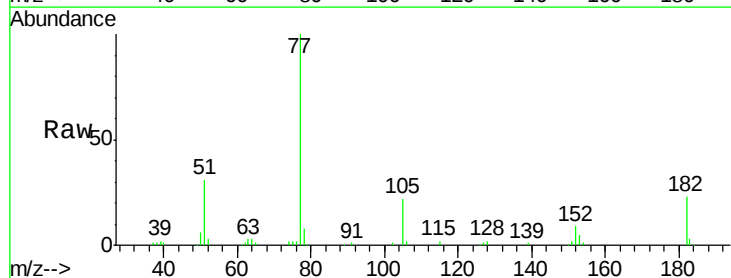
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tgt Ion:138 Resp: 30392
 Ion Ratio Lower Upper
 138 100
 92 48.2 26.7 66.7
 108 84.1 64.5 104.5



#62
 Azobenzene
 Concen: 30.64 ng
 RT: 16.36 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion: 77 Resp: 163753
 Ion Ratio Lower Upper
 77 100
 182 22.5 2.0 42.0
 105 22.1 2.3 42.3
 51 30.7 10.7 50.7

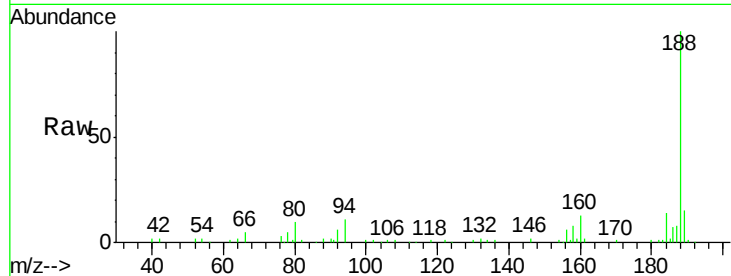




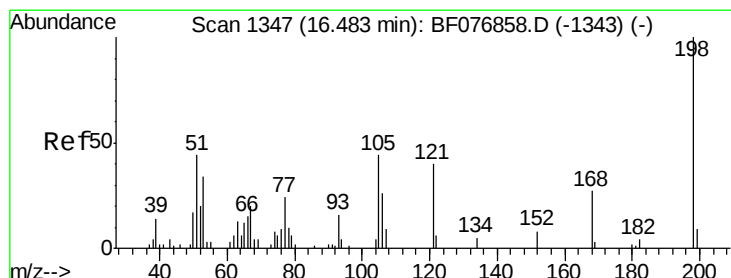
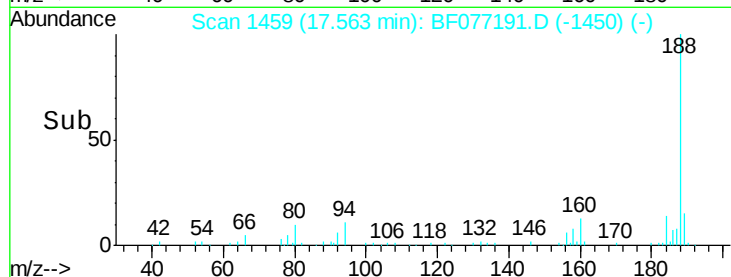
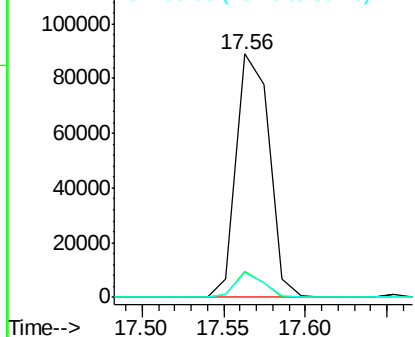
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tgt Ion:188 Resp: 124139
 Ion Ratio Lower Upper
 188 100
 94 10.7 6.0 9.0#
 80 10.4 6.9 10.3#

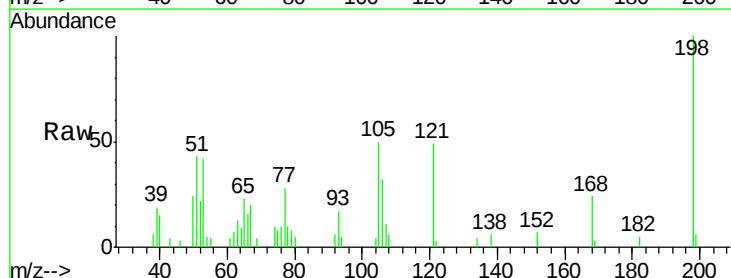


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

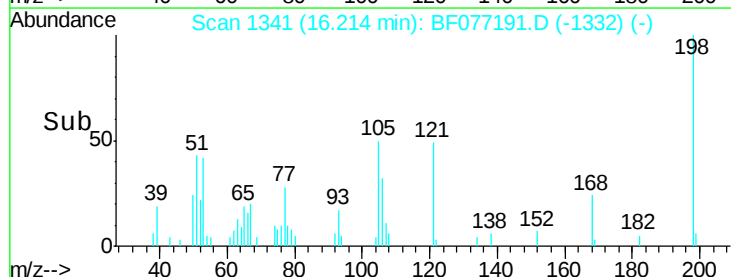
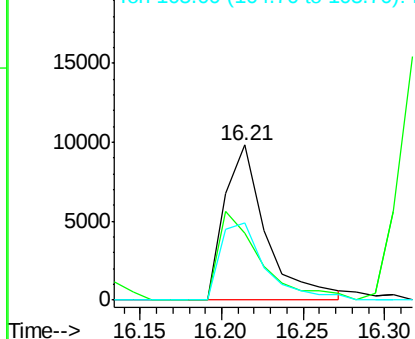


#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.48 ng
 RT: 16.21 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:198 Resp: 17288
 Ion Ratio Lower Upper
 198 100
 51 43.0 24.2 64.2
 105 49.7 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

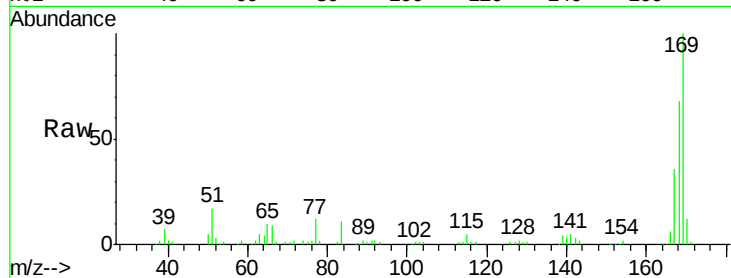




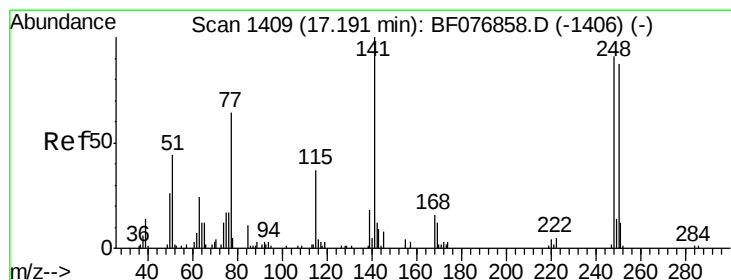
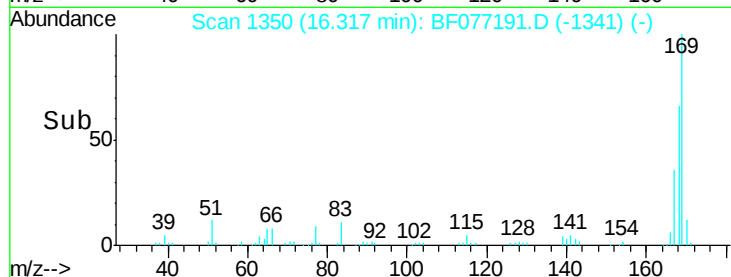
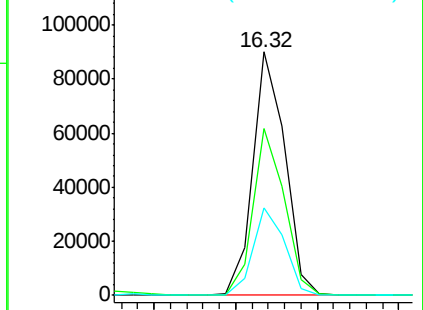
#65
 n-Nitrosodiphenylamine
 Concen: 27.75 ng
 RT: 16.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tgt Ion:169 Resp: 122840
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.8 80.6
 167 36.1 27.8 41.6

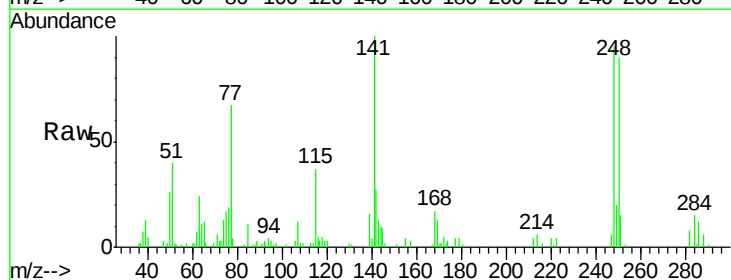


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

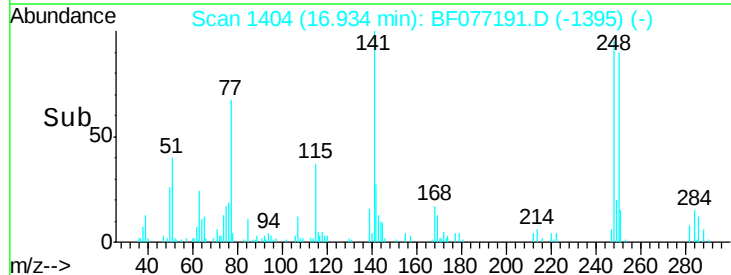
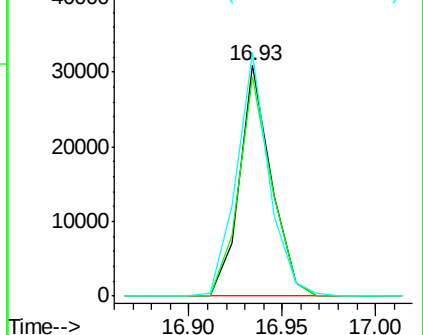


#66
 4-Bromophenyl-phenylether
 Concen: 28.93 ng
 RT: 16.93 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:248 Resp: 36383
 Ion Ratio Lower Upper
 248 100
 250 95.0 77.1 115.7
 141 105.6 88.2 132.4



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

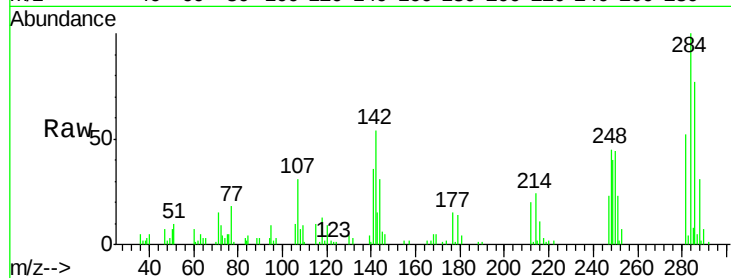




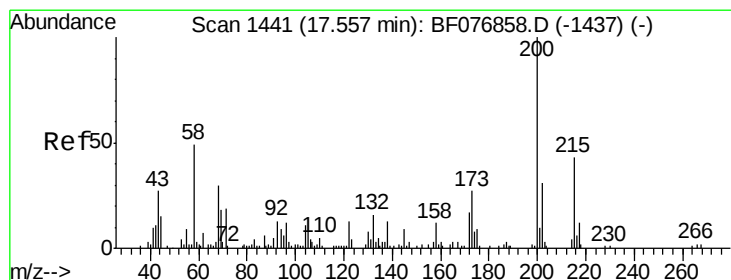
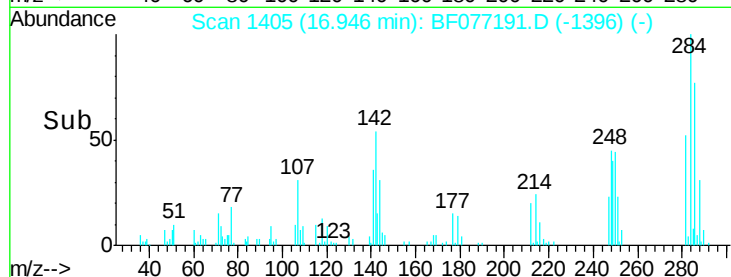
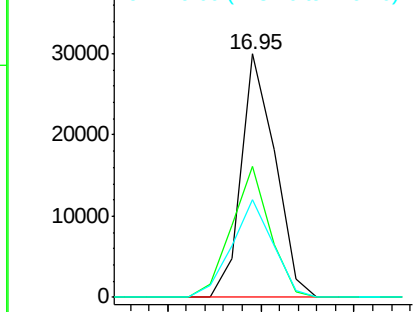
#67
Hexachlorobenzene
Concen: 28.60 ng
RT: 16.95 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tgt Ion: 284 Resp: 37907
Ion Ratio Lower Upper
284 100
142 53.9 38.2 57.4
249 39.9 28.2 42.2

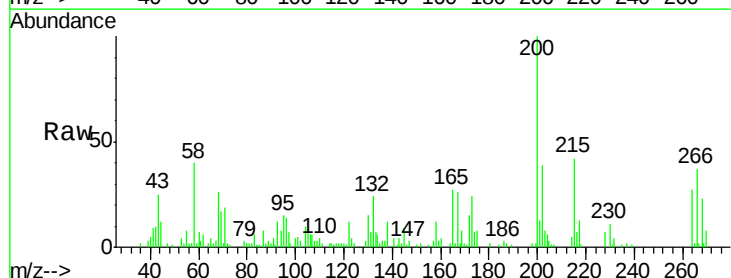


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

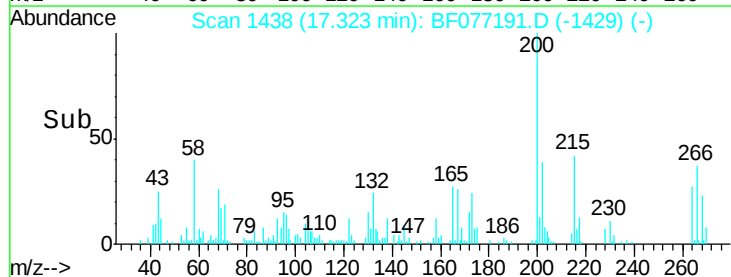
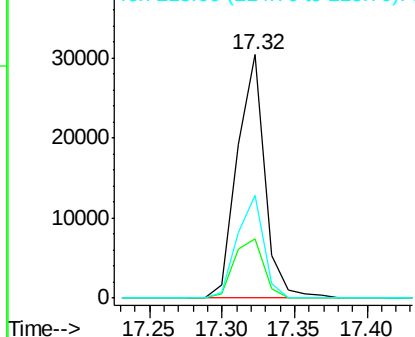


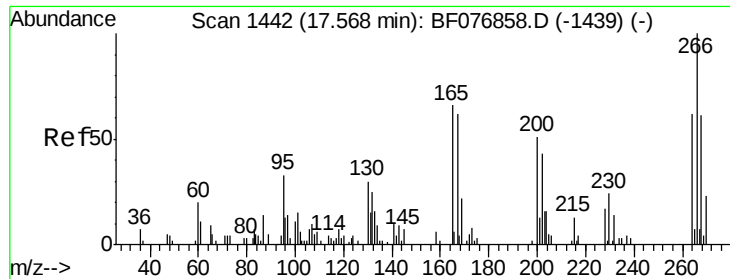
#68
Atrazine
Concen: 29.98 ng
RT: 17.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Tgt Ion: 200 Resp: 40269
Ion Ratio Lower Upper
200 100
173 24.3 6.6 46.6
215 42.1 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

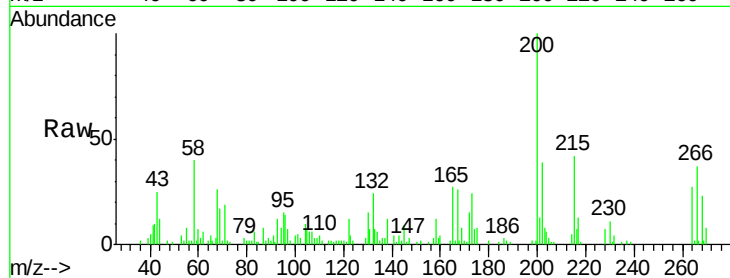




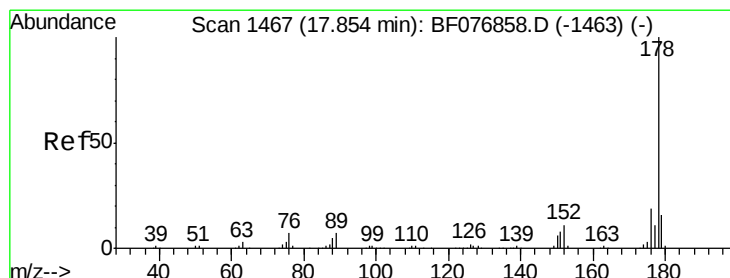
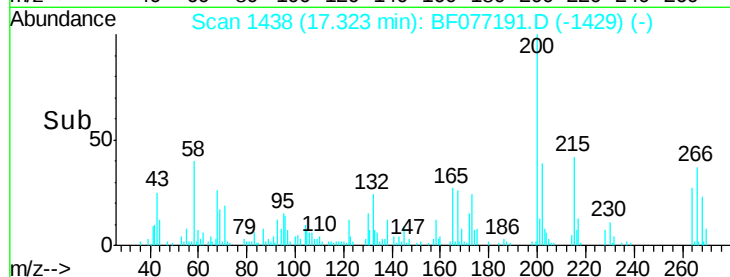
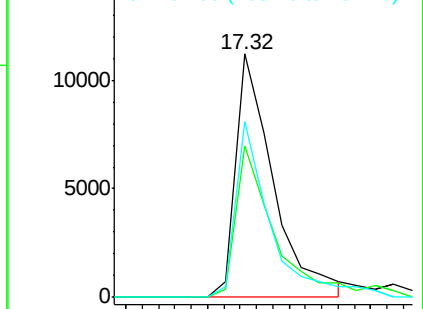
#69
 Pentachlorophenol
 Concen: 33.66 ng
 RT: 17.32 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tgt Ion:266 Resp: 17801
 Ion Ratio Lower Upper
 266 100
 268 62.4 48.6 72.8
 264 72.2 49.5 74.3

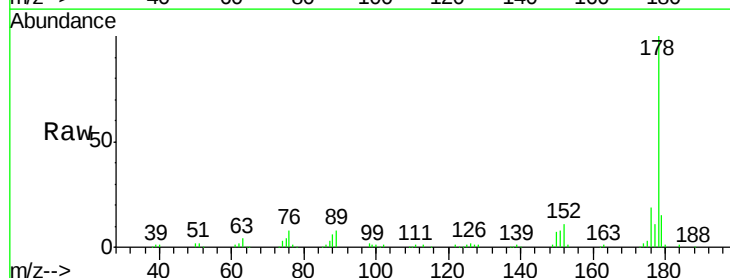


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

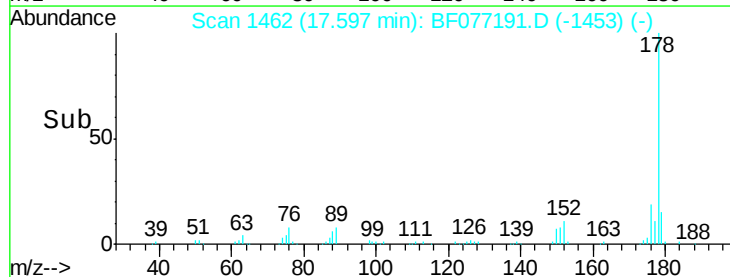
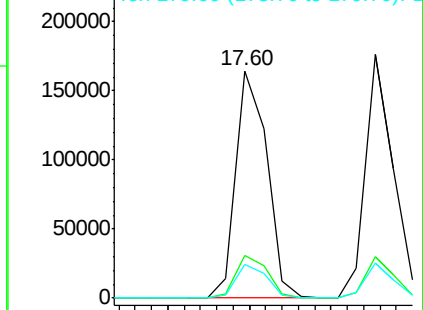


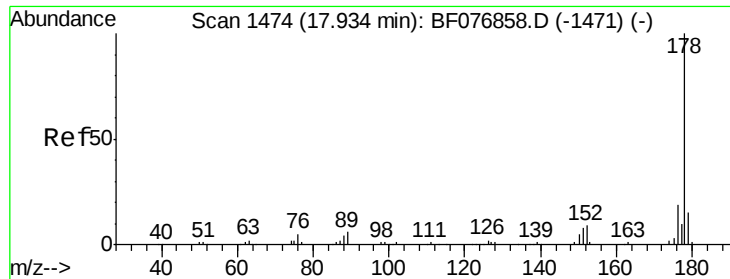
#70
 Phenanthrene
 Concen: 27.99 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:178 Resp: 216707
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.1 22.7
 179 14.9 12.7 19.1



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

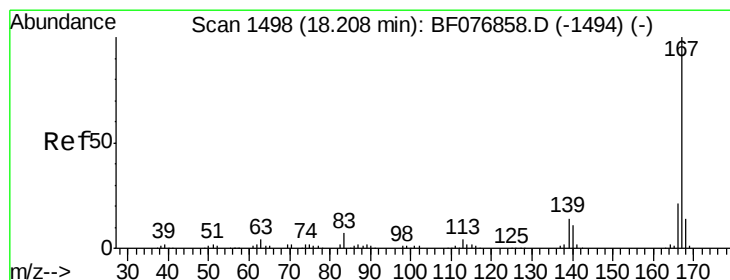
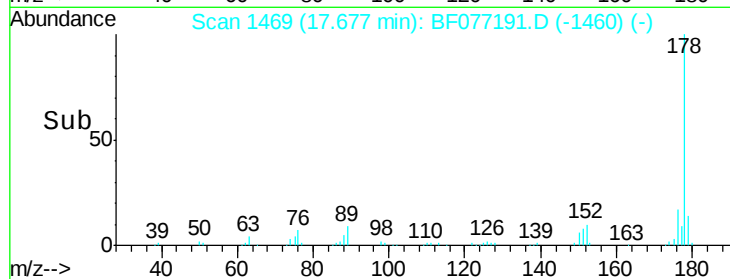
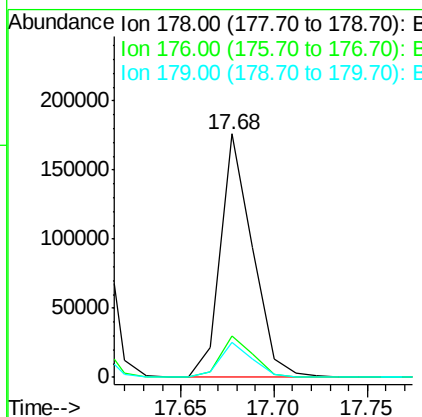
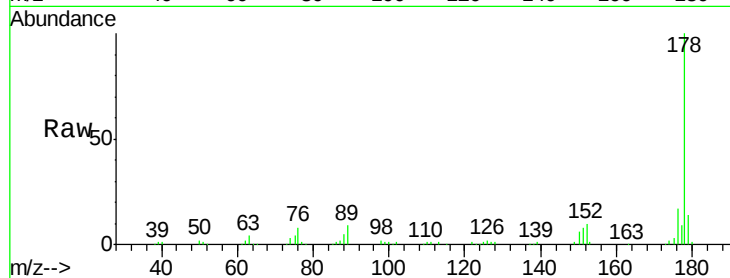




#71
 Anthracene
 Concen: 27.92 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

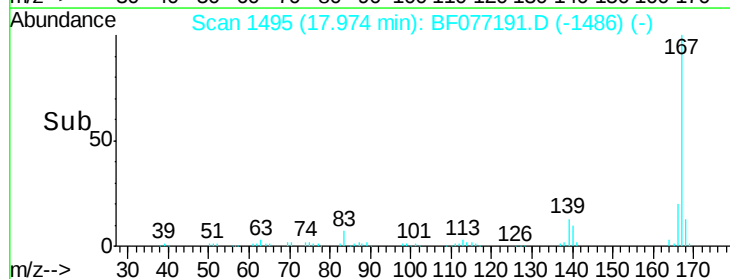
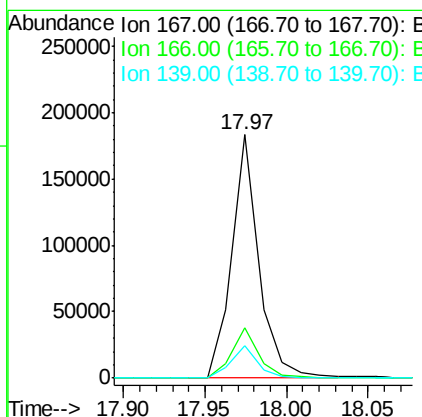
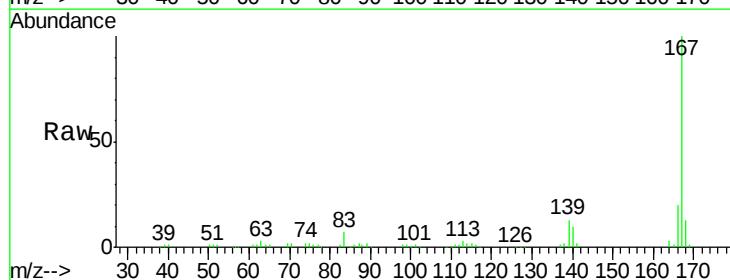
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tgt Ion:178 Resp: 210802
 Ion Ratio Lower Upper
 178 100
 176 17.1 15.4 23.0
 179 14.5 11.9 17.9



#72
 Carbazole
 Concen: 28.66 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:167 Resp: 209859
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.0 25.6
 139 13.2 11.3 16.9

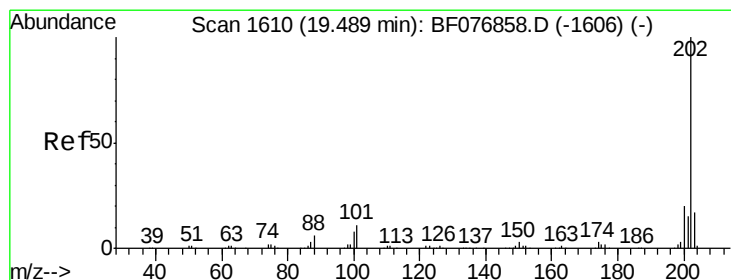
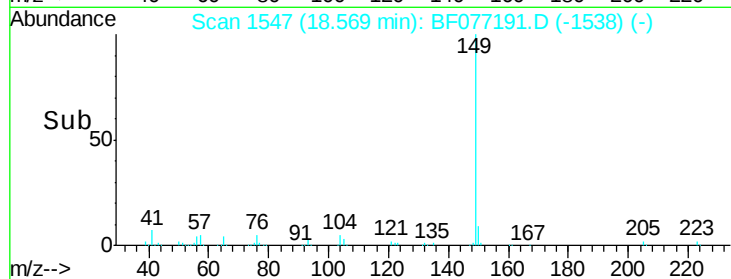
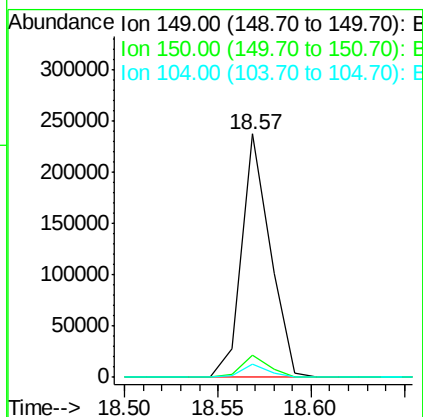
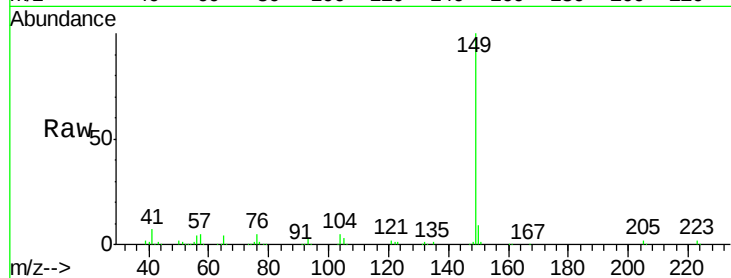




#73
Di-n-butylphthalate
Concen: 30.02 ng
RT: 18.57 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

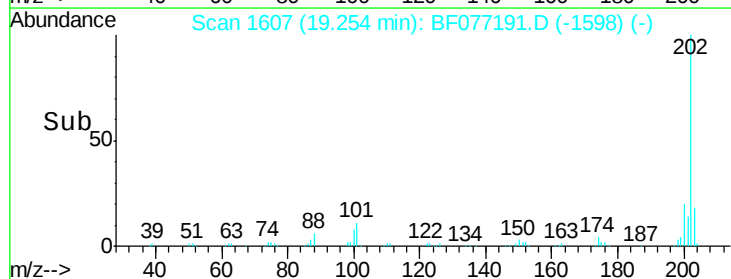
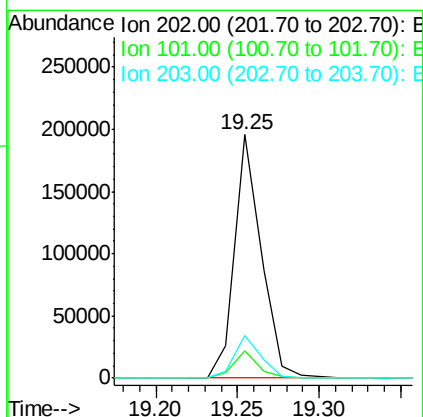
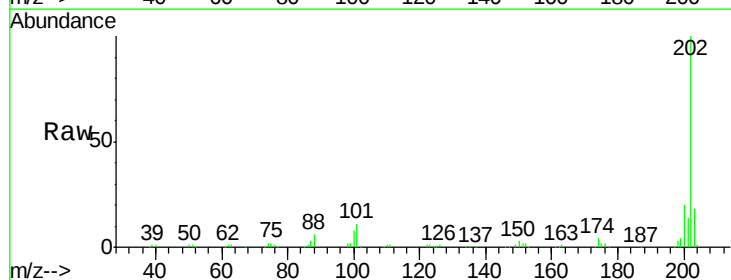
Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tgt Ion:149 Resp: 254440
Ion Ratio Lower Upper
149 100
150 9.1 6.9 10.3
104 5.3 3.7 5.5



#74
Fluoranthene
Concen: 27.87 ng
RT: 19.25 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Tgt Ion:202 Resp: 221096
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.7
203 17.7 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.07 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81608BS

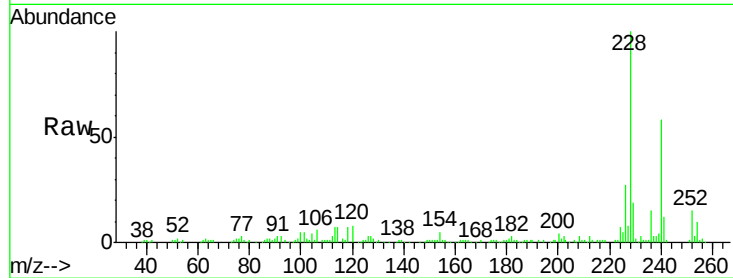
Tgt Ion:240 Resp: 120483

Ion Ratio Lower Upper

240 100

120 13.6 10.4 15.6

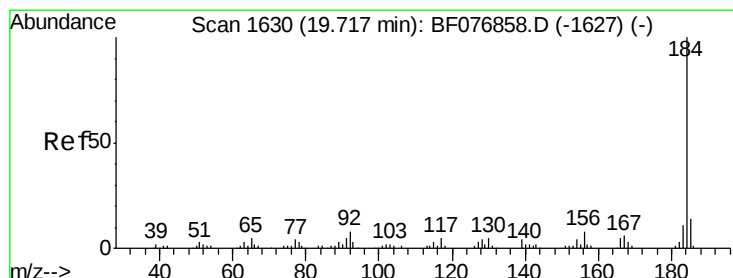
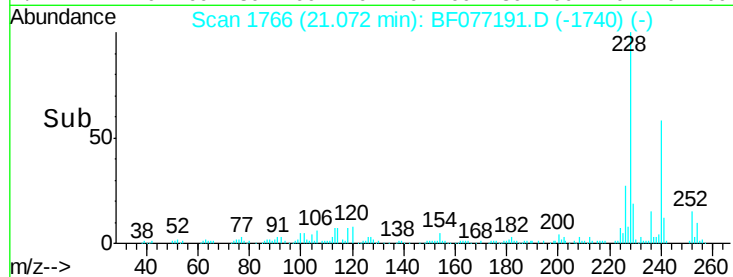
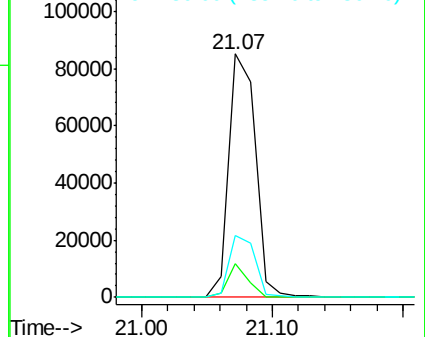
236 25.5 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.71 ng

RT: 19.51 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

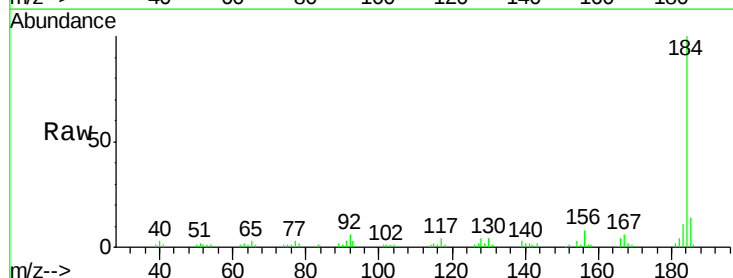
Tgt Ion:184 Resp: 79831

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.2

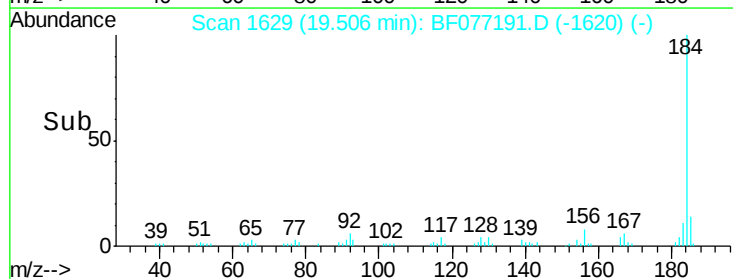
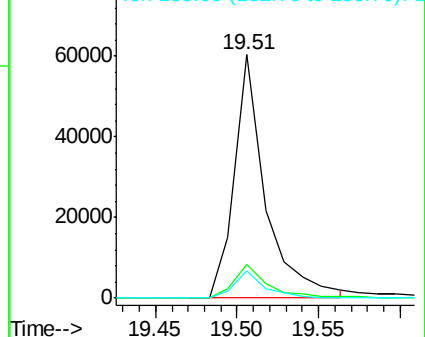
183 11.3 9.0 13.6

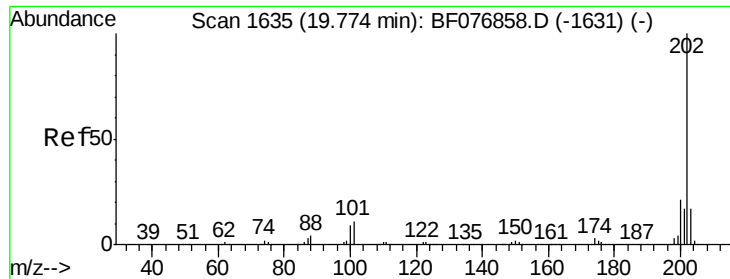


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

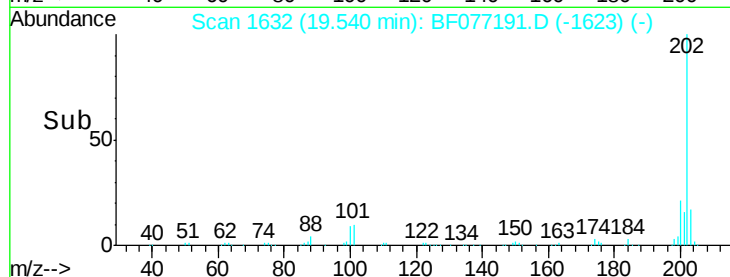
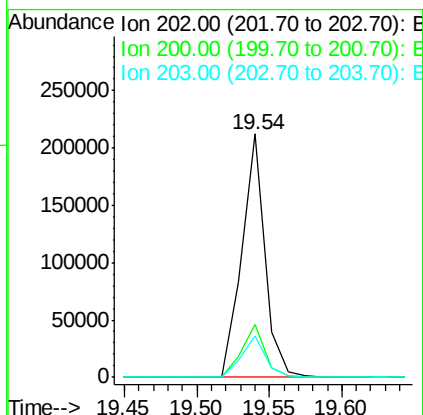
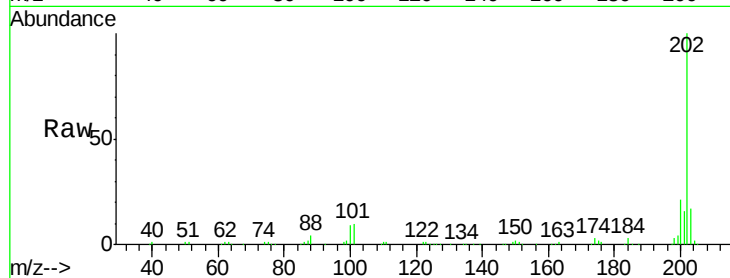




#77
 Pyrene
 Concen: 28.46 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

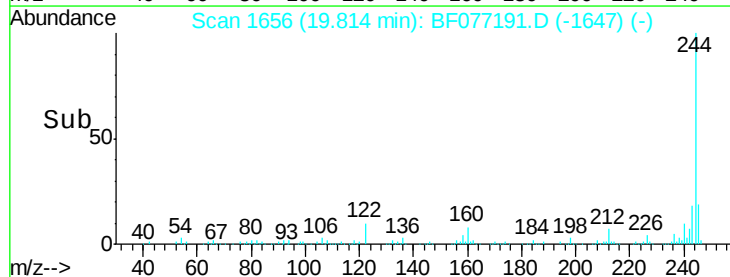
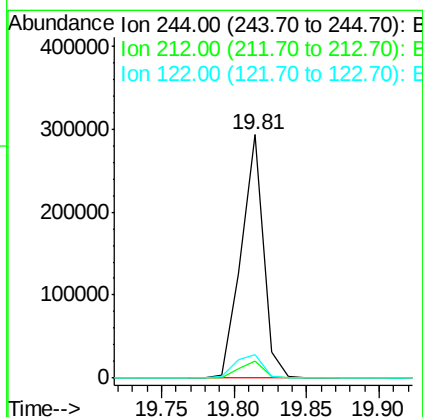
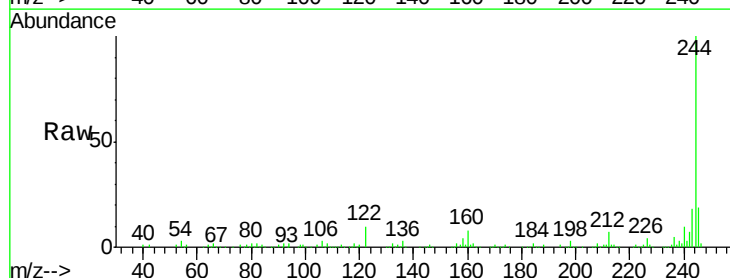
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tgt Ion: 202 Resp: 234993
 Ion Ratio Lower Upper
 202 100
 200 21.5 16.7 25.1
 203 17.0 14.0 21.0



#78
 Terphenyl-d14
 Concen: 59.96 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion: 244 Resp: 313803
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 9.5 10.1 15.1#

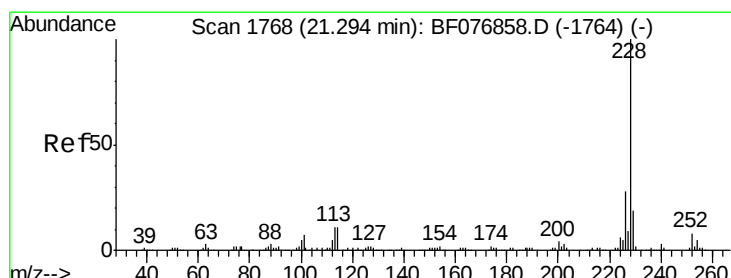
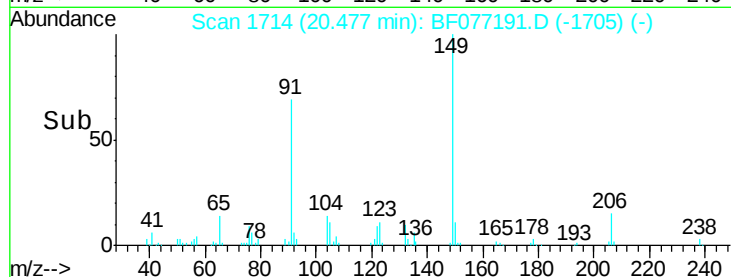
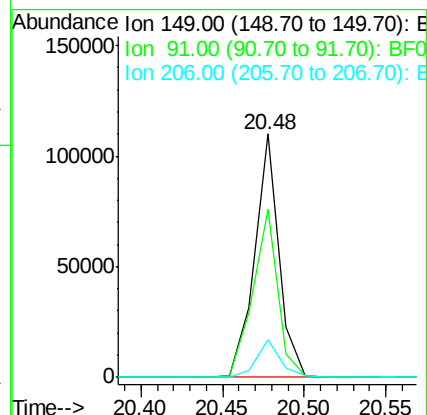
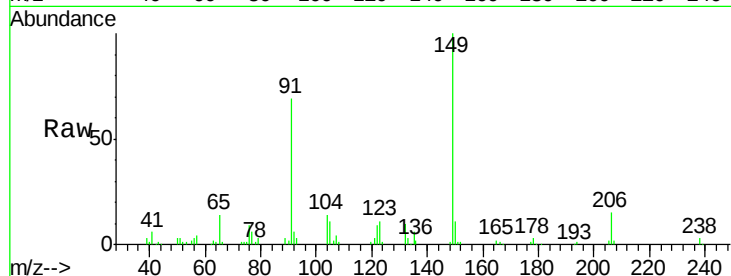




#79
Butylbenzylphthalate
Concen: 30.35 ng
RT: 20.48 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

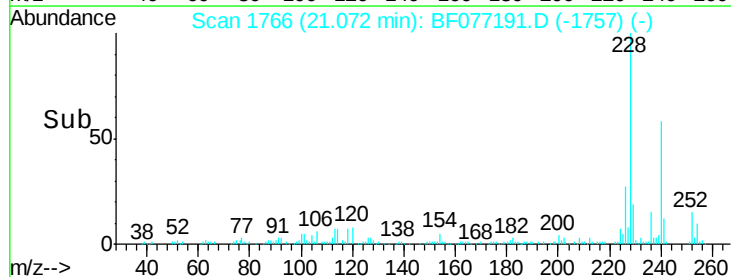
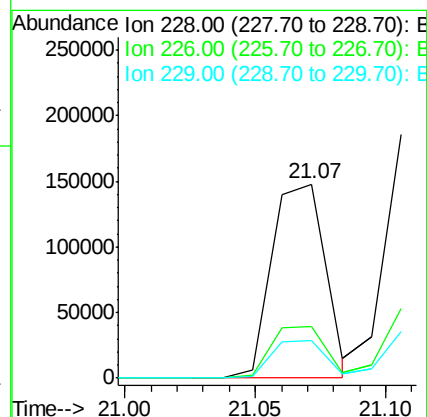
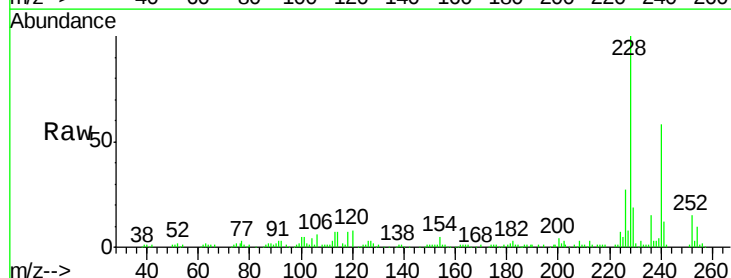
Instrument :
BNA_F
ClientSampled :
PB81608BS

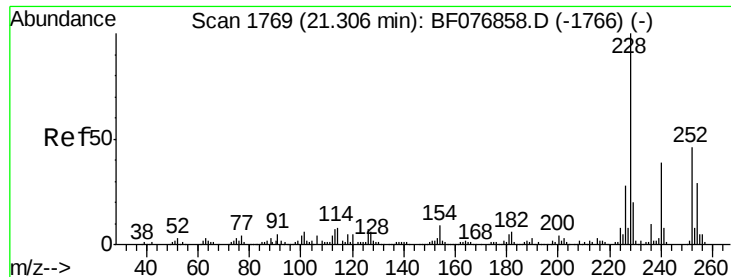
Tgt Ion:149 Resp: 113497
Ion Ratio Lower Upper
149 100
91 69.1 50.6 76.0
206 15.5 12.8 19.2



#80
Benzo(a)anthracene
Concen: 28.05 ng
RT: 21.07 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Tgt Ion:228 Resp: 212047
Ion Ratio Lower Upper
228 100
226 26.5 22.1 33.1
229 19.4 15.5 23.3

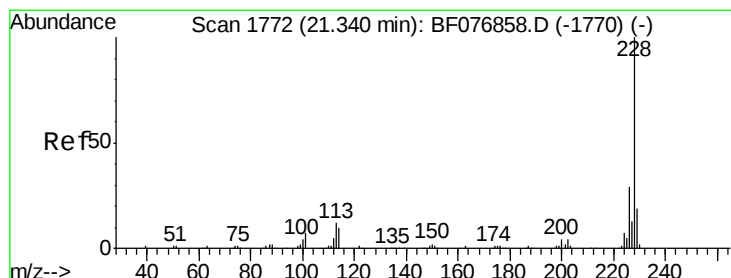
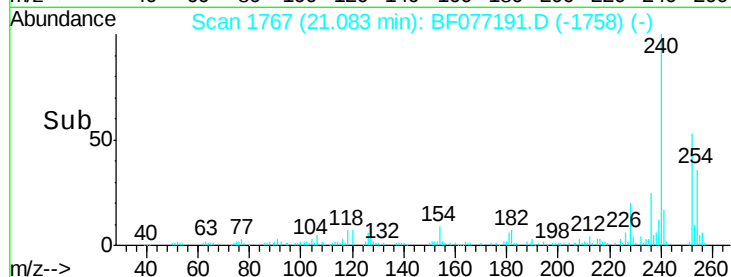
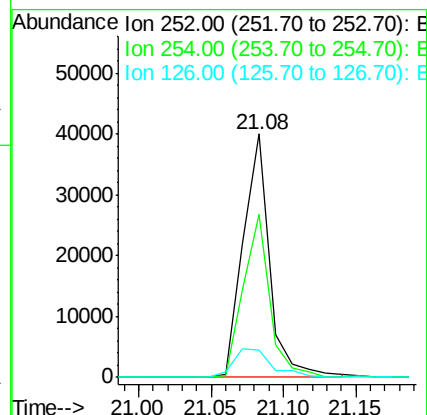
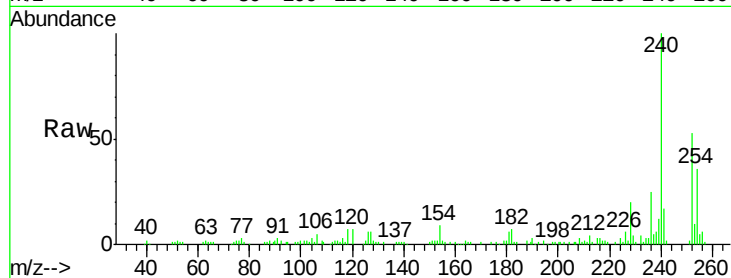




#81
 3,3'-Dichlorobenzidine
 Concen: 21.07 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

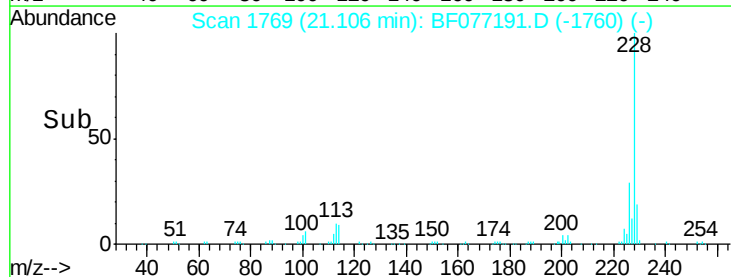
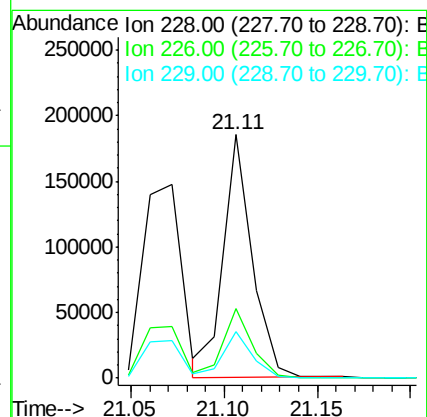
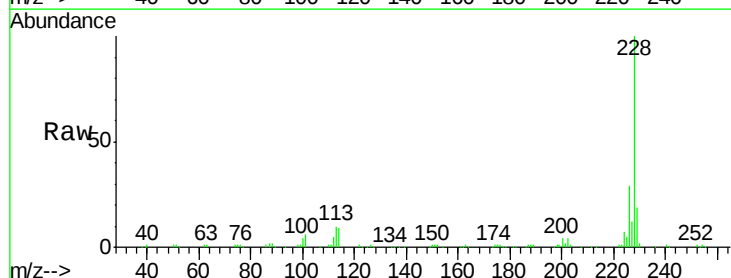
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

Tgt Ion:252 Resp: 50623
 Ion Ratio Lower Upper
 252 100
 254 66.9 50.2 75.4
 126 11.3 11.5 17.3#



#82
 Chrysene
 Concen: 29.01 ng
 RT: 21.11 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion:228 Resp: 199980
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.4 35.0
 229 19.3 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.68 ng

RT: 21.22 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81608BS

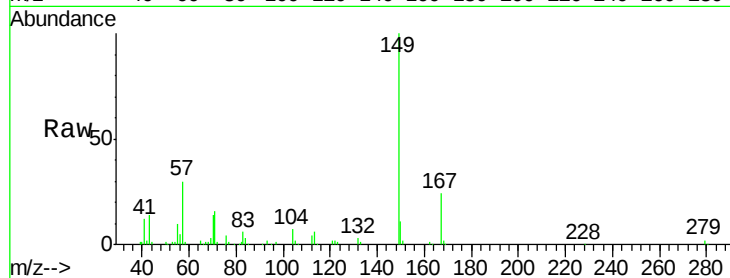
Tgt Ion:149 Resp: 158764

Ion Ratio Lower Upper

149 100

167 24.3 20.6 30.8

279 2.1 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

200000

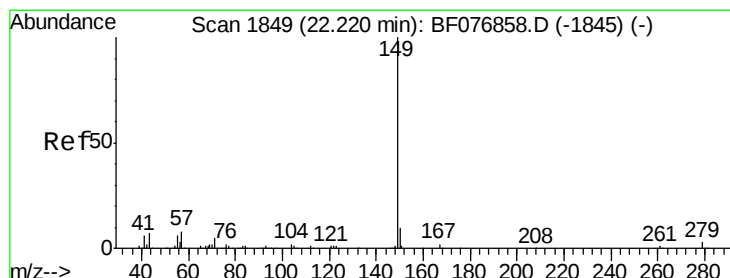
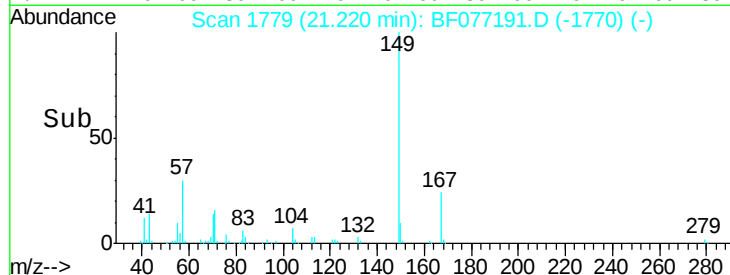
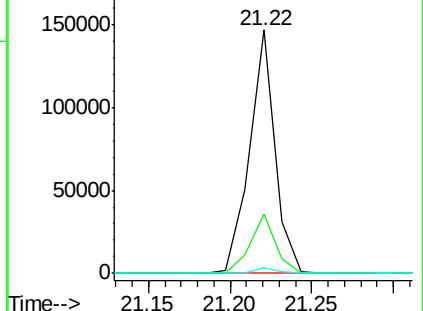
150000

100000

50000

0

21.15 21.20 21.25



#84

Di-n-octyl phthalate

Concen: 30.51 ng

RT: 21.99 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

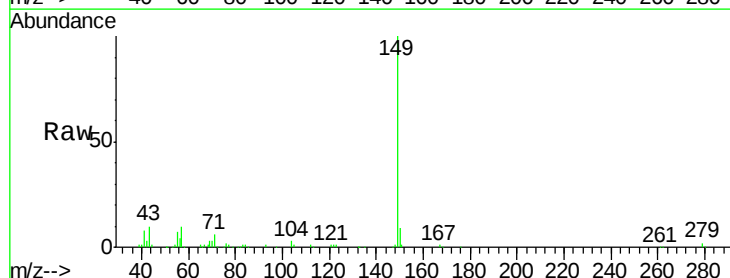
Tgt Ion:149 Resp: 274006

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 9.0 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

250000

200000

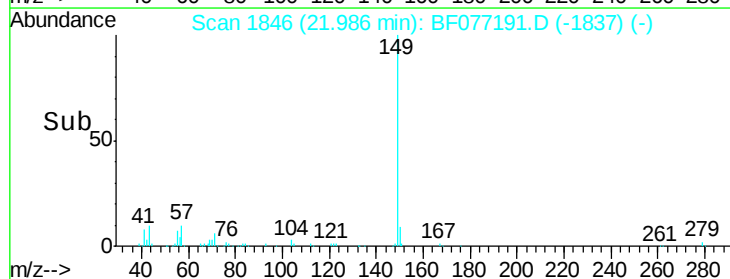
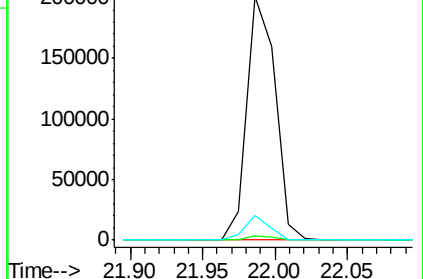
150000

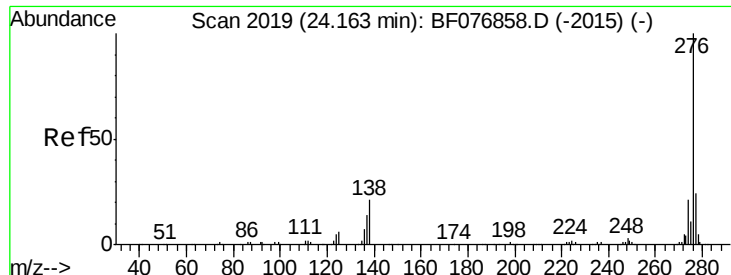
100000

50000

0

21.90 21.95 22.00 22.05

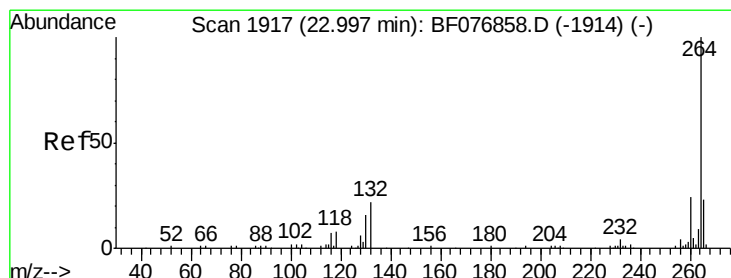
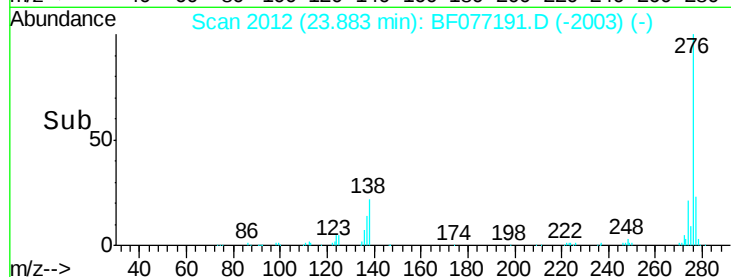
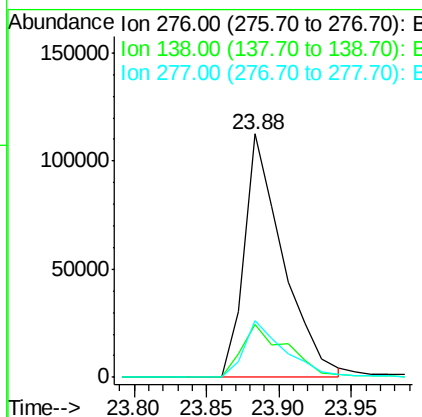
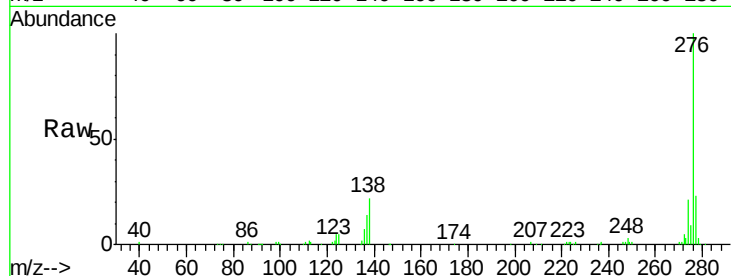




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.51 ng
 RT: 23.88 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

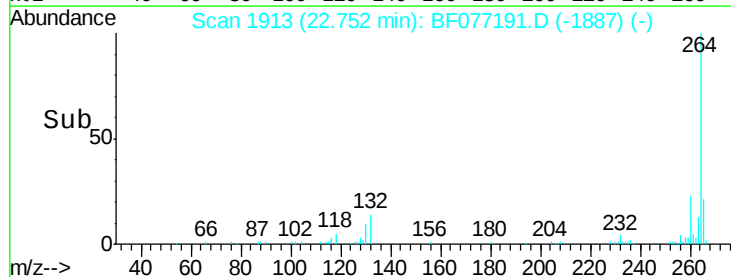
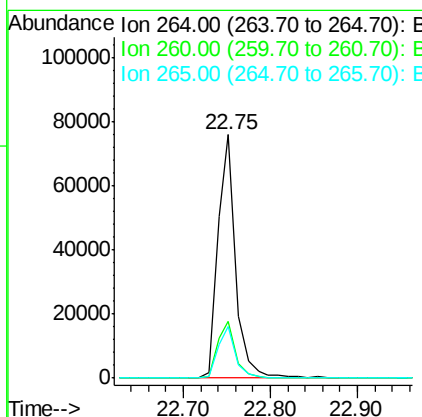
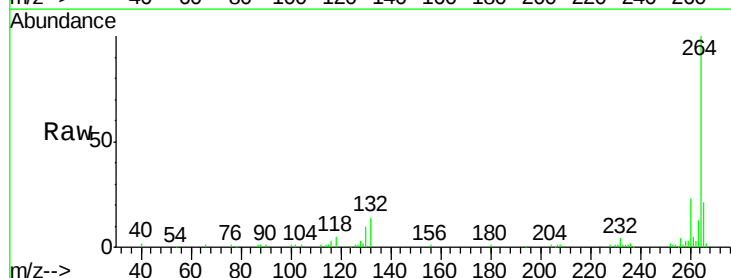
Instrument :
 BNA_F
 ClientSampleId :
 PB81608BS

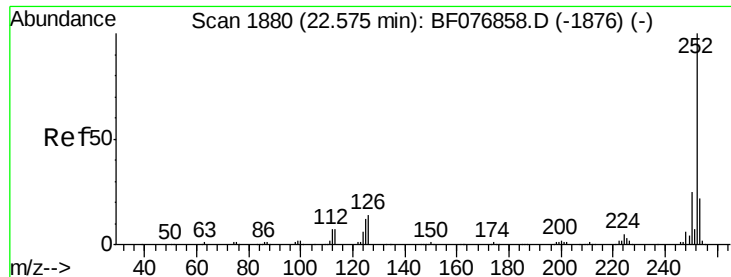
Tgt Ion: 276 Resp: 208258
 Ion Ratio Lower Upper
 276 100
 138 25.9 14.6 22.0#
 277 24.3 14.8 22.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.75 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: BF077191.D
 Acq: 5 Feb 2015 18:49

Tgt Ion: 264 Resp: 108369
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.1 18.1 27.1

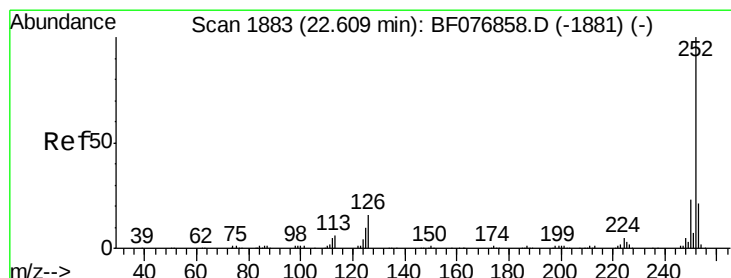
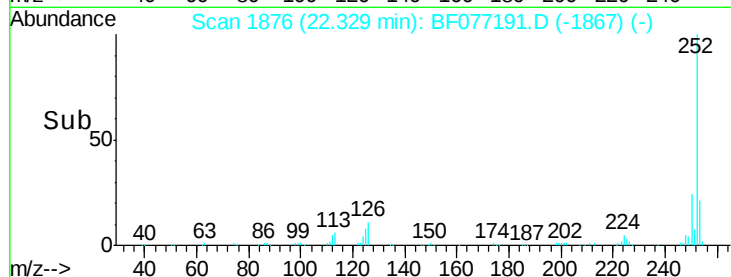
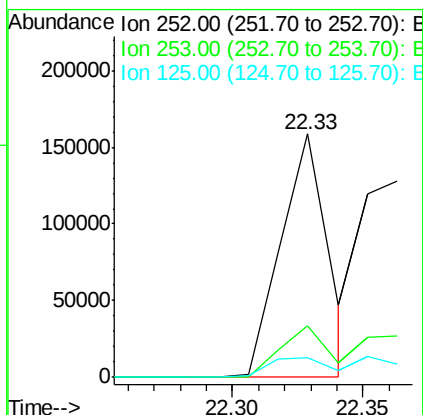
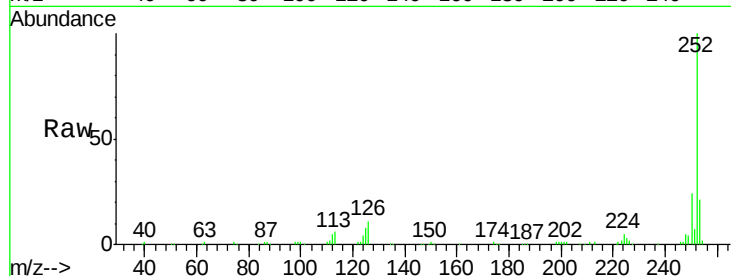




#87
Benzo(b)fluoranthene
Concen: 27.09 ng
RT: 22.33 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

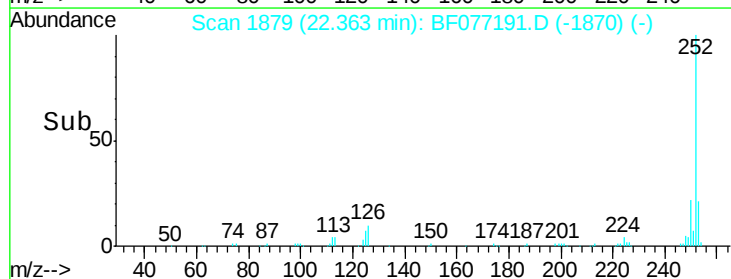
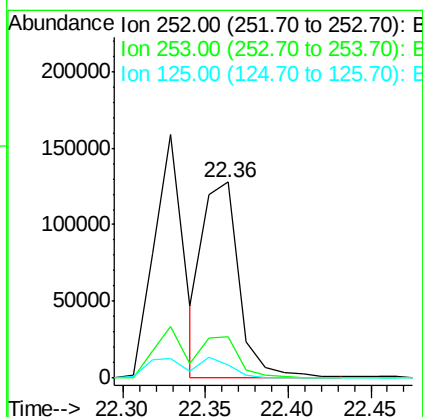
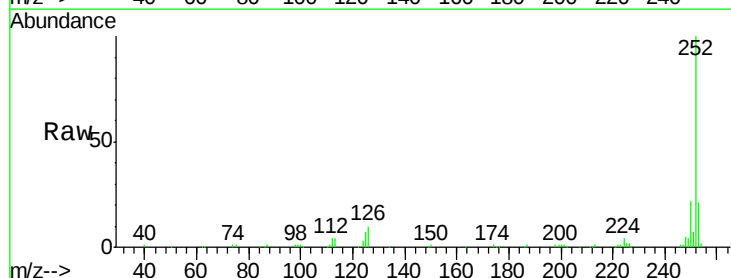
Instrument :
BNA_F
ClientSampleId :
PB81608BS

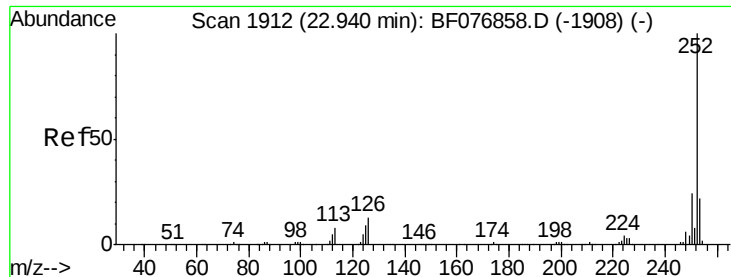
Tgt Ion:252 Resp: 197747
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 8.0 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 30.76 ng m
RT: 22.36 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Tgt Ion:252 Resp: 196152
Ion Ratio Lower Upper
252 100
253 20.9 17.2 25.8
125 6.8 7.1 10.7#

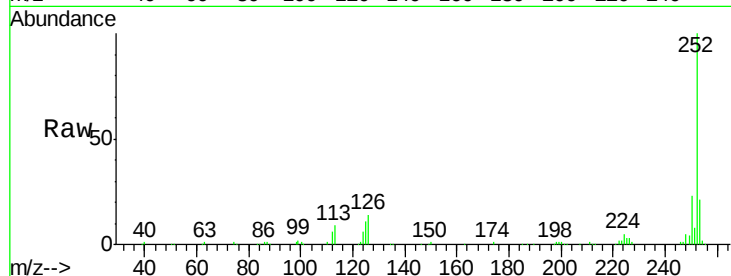




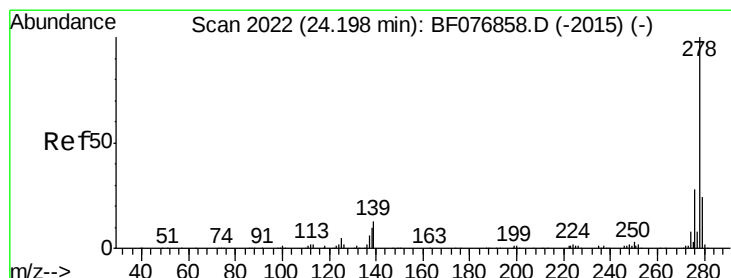
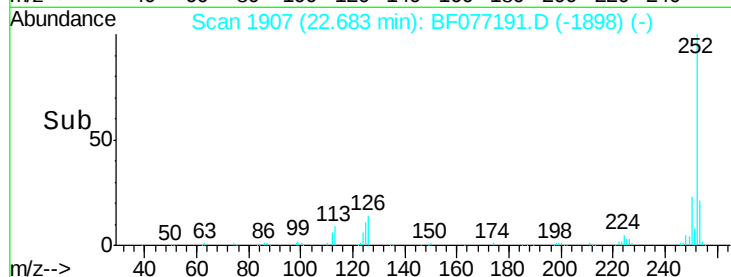
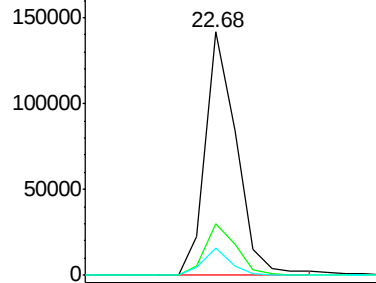
#89
Benzo(a)pyrene
Concen: 29.06 ng
RT: 22.68 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB81608BS

Tgt Ion: 252 Resp: 187101
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 11.1 7.2 10.8#

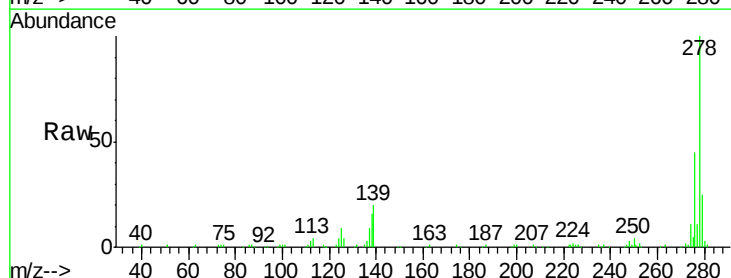


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

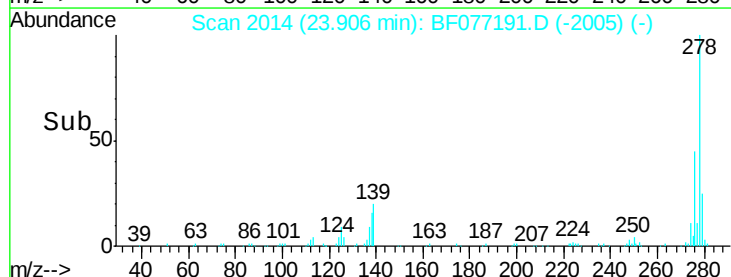
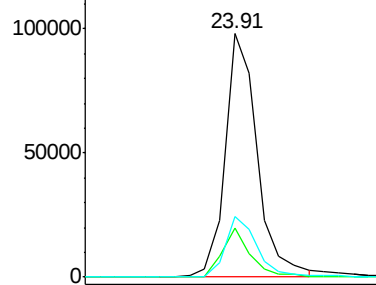


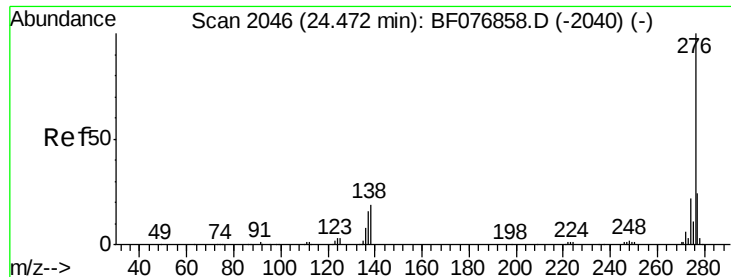
#90
Dibenzo(a,h)anthracene
Concen: 28.62 ng
RT: 23.91 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF077191.D
Acq: 5 Feb 2015 18:49

Tgt Ion: 278 Resp: 169075
Ion Ratio Lower Upper
278 100
139 20.0 10.5 15.7#
279 25.1 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 29.39 ng

RT: 24.16 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF077191.D

Acq: 5 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81608BS

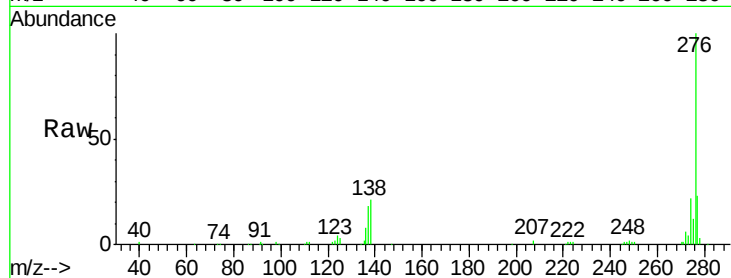
Tgt Ion: 276 Resp: 172596

Ion Ratio Lower Upper

276 100

277 22.6 19.5 29.3

138 20.8 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

