

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050415\
 Data File : BF078910.D
 Acq On : 4 May 2015 11:11
 Operator : TP/IZ
 Sample : PB83053BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

Quant Time: May 05 01:18:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 00:58:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	72106	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	298271	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	143162	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	279858	20.00	ng	0.00
75) Chrysene-d12	16.27	240	286190	20.00	ng	-0.05
86) Perylene-d12	18.10	264	286837	20.00	ng	-0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	490724	117.15	ng	0.01
7) Phenol-d6	6.90	99	607901	109.79	ng	0.00
23) Nitrobenzene-d5	8.04	82	351158	67.66	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	183529	118.50	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	764246	74.37	ng	0.00
78) Terphenyl-d14	14.96	244	866602	72.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	58529	32.14	ng	# 30
3) Pyridine	3.11	79	168501	31.61	ng	98
4) n-Nitrosodimethylamine	3.02	42	68026	29.79	ng	98
6) Aniline	6.95	93	146210	18.71	ng	99
8) 2-Chlorophenol	7.08	128	174326	36.69	ng	100
9) Benzaldehyde	6.81	77	47694	12.79	ng	97
10) Phenol	6.92	94	216162	33.65	ng	89
11) bis(2-Chloroethyl)ether	7.04	93	161868	34.38	ng	98
12) 1,3-Dichlorobenzene	7.28	146	180952	33.89	ng	98
13) 1,4-Dichlorobenzene	7.38	146	187978	34.21	ng	98
14) 1,2-Dichlorobenzene	7.56	146	181961	35.57	ng	99
15) Benzyl Alcohol	7.53	79	143088	34.81	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.71	45	255311	35.44	ng	100
17) 2-Methylphenol	7.67	107	137985	36.09	ng	95
18) Hexachloroethane	7.99	117	63915	33.77	ng	92
19) n-Nitroso-di-n-propylamine	7.87	70	125577	33.58	ng	# 79
20) 3+4-Methylphenols	7.86	107	182061	35.74	ng	93
22) Acetophenone	7.86	105	252727	37.50	ng	98
24) Nitrobenzene	8.07	77	180803	35.15	ng	95
25) Isophorone	8.36	82	329264	34.22	ng	100
26) 2-Nitrophenol	8.47	139	69863	32.81	ng	96
27) 2,4-Dimethylphenol	8.51	122	156868	36.82	ng	98
28) bis(2-Chloroethoxy)methane	8.65	93	212353	35.80	ng	99
29) 2,4-Dichlorophenol	8.75	162	144152	38.05	ng	97
30) 1,2,4-Trichlorobenzene	8.87	180	149443	35.91	ng	98
31) Naphthalene	8.96	128	515226	36.25	ng	99
32) Benzoic acid	8.60	122	73570	30.25	ng	99
33) 4-Chloroaniline	9.03	127	117418	19.53	ng	99
34) Hexachlorobutadiene	9.12	225	79472	33.16	ng	96
35) Caprolactam	9.45	113	44806	36.57	ng	99
36) 4-Chloro-3-methylphenol	9.63	107	148756	37.38	ng	# 83
37) 2-Methylnaphthalene	9.82	142	347386	35.27	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	143093	35.49	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	156719	77.30	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	98270	35.45	ng	97
43) 2,4,5-Trichlorophenol	10.20	196	102313	36.51	ng	# 87
45) 1,1'-Biphenyl	10.40	154	417900	36.72	ng	100
46) 2-Chloronaphthalene	10.42	162	327158	36.85	ng	98
47) 2-Nitroaniline	10.55	65	95282	37.04	ng	99
48) Acenaphthylene	10.94	152	529210	36.31	ng	100
49) Dimethylphthalate	10.79	163	389994	37.12	ng	100
50) 2,6-Dinitrotoluene	10.86	165	76149	36.72	ng	95
51) Acenaphthene	11.15	154	310658	35.74	ng	99
52) 3-Nitroaniline	11.06	138	66807	25.79	ng	# 93
53) 2,4-Dinitrophenol	11.19	184	46254	62.21	ng	# 82
54) Dibenzofuran	11.37	168	487052	38.79	ng	96
55) 4-Nitrophenol	11.26	139	136824	66.74	ng	# 76
56) 2,4-Dinitrotoluene	11.35	165	101674	37.09	ng	98
57) Fluorene	11.79	166	387742	37.63	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.52	232	82620	36.08	ng	# 100
59) Diethylphthalate	11.67	149	393069	37.76	ng	99
60) 4-Chlorophenyl-phenylether	11.80	204	169346	37.04	ng	95
61) 4-Nitroaniline	11.82	138	92535	35.71	ng	94
62) Azobenzene	12.00	77	402726	39.26	ng	95
64) 4,6-Dinitro-2-methylphenol	11.85	198	34573	33.77	ng	96
65) n-Nitrosodiphenylamine	11.94	169	321687	34.52	ng	98
66) 4-Bromophenyl-phenylether	12.41	248	107264	36.77	ng	93
67) Hexachlorobenzene	12.47	284	117963	35.38	ng	93
68) Atrazine	12.62	200	100269	37.00	ng	99
69) Pentachlorophenol	12.72	266	124143	65.04	ng	98
70) Phenanthrene	12.98	178	531484	33.95	ng	100
71) Anthracene	13.05	178	554845	36.12	ng	99
72) Carbazole	13.26	167	545567	37.27	ng	98
73) Di-n-butylphthalate	13.70	149	621604	35.41	ng	99
74) Fluoranthene	14.47	202	590503	36.20	ng	94
76) Benzidine	14.64	184	177720	23.04	ng	99
77) Pyrene	14.74	202	612413	37.13	ng	98
79) Butylbenzylphthalate	15.58	149	262513	36.42	ng	90
80) Benzo(a)anthracene	16.26	228	565715	36.10	ng	99
81) 3,3'-Dichlorobenzidine	16.24	252	149557	26.79	ng	99
82) Chrysene	16.31	228	537885	35.68	ng	99
83) Bis(2-ethylhexyl)phthalate	16.32	149	401610	36.78	ng	99
84) Di-n-octyl phthalate	17.15	149	665637	34.61	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.62	276	670911	34.93	ng	# 100
87) Benzo(b)fluoranthene	17.63	252	563508	35.89	ng	# 97
88) Benzo(k)fluoranthene	17.63	252	563508	37.08	ng	# 95
89) Benzo(a)pyrene	18.03	252	538871	37.28	ng	# 96
90) Dibenzo(a,h)anthracene	19.66	278	541831	35.27	ng	96
91) Benzo(g,h,i)perylene	20.07	276	551160	35.79	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. 0.00 min

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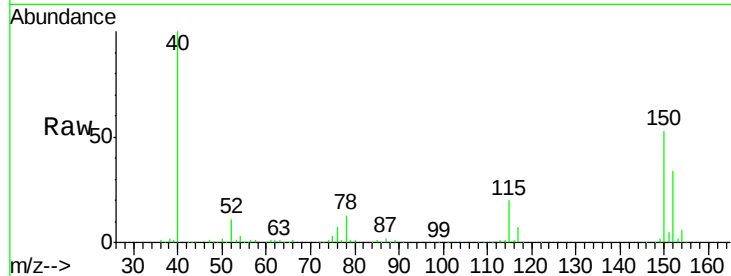
Tgt Ion:152 Resp: 72106

Ion Ratio Lower Upper

152 100

150 158.5 122.0 183.0

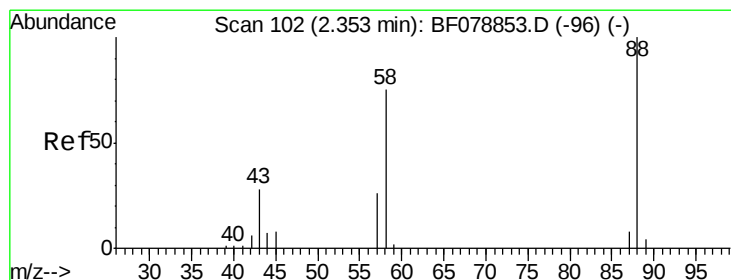
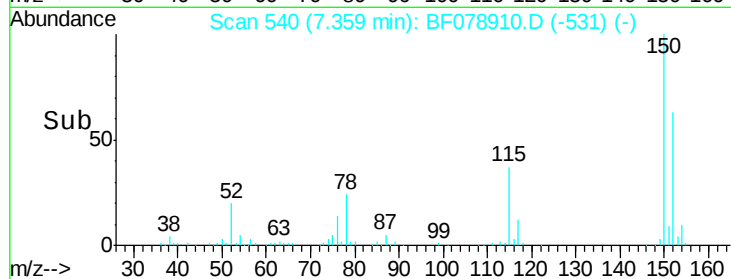
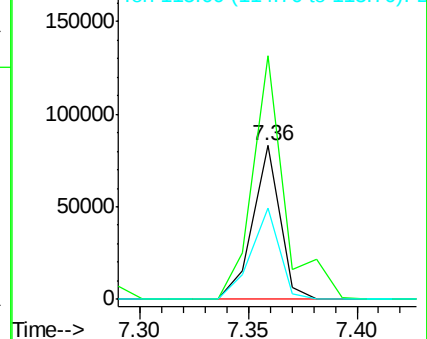
115 59.1 46.3 69.5



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: 32.14 ng

RT: 2.34 min Scan# 101

Delta R.T. 0.02 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

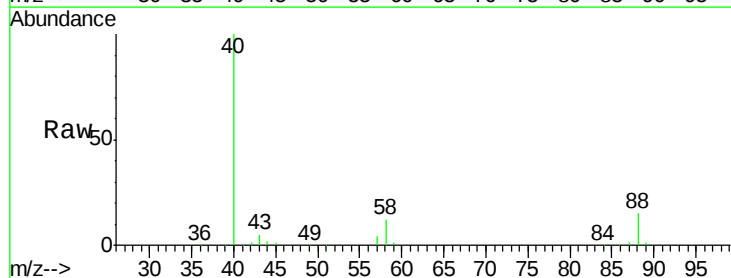
Tgt Ion: 88 Resp: 58529

Ion Ratio Lower Upper

88 100

58 77.8 0.0 0.0#

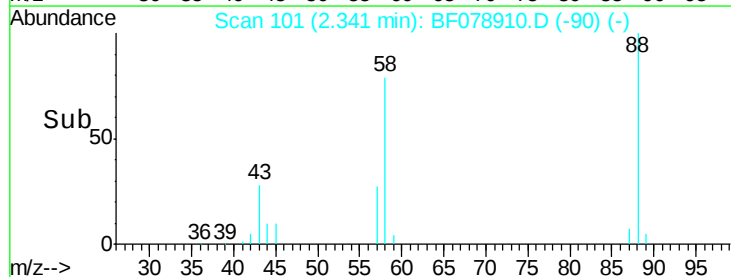
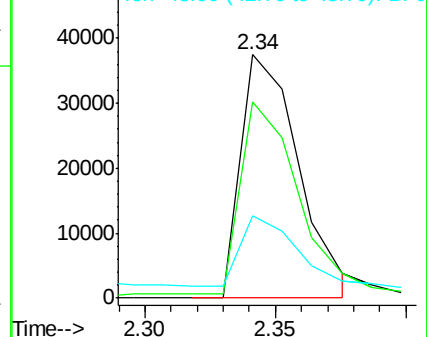
43 27.0 3.3 4.9#



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: 31.61 ng

RT: 3.11 min Scan# 168

Delta R.T. 0.03 min

Lab File: BF078910.D

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PB83053BS

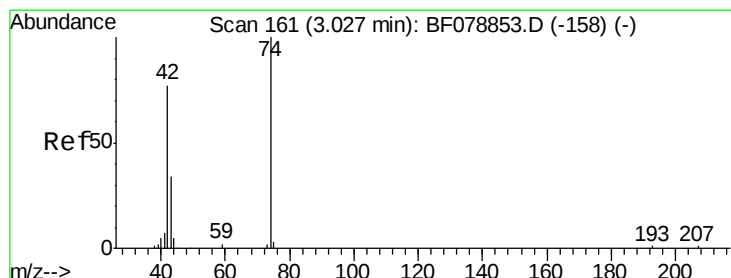
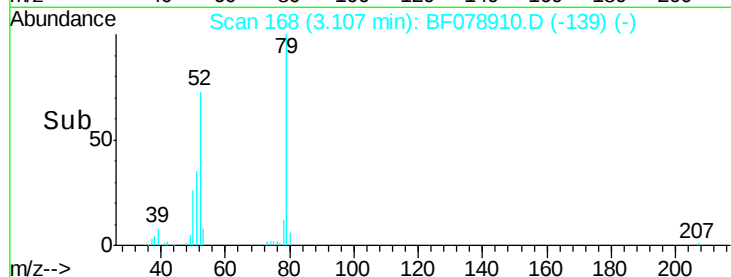
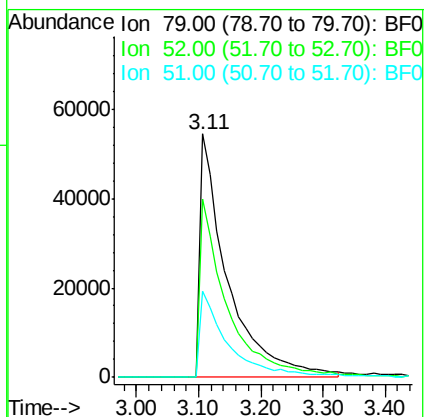
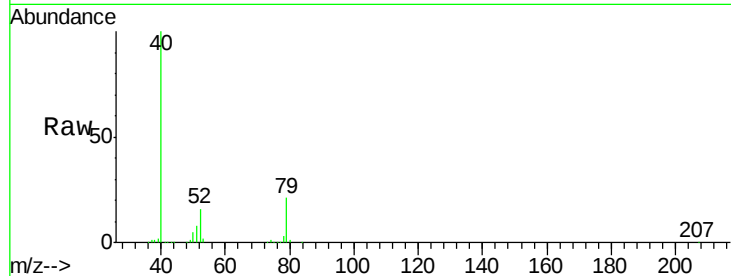
Tgt Ion: 79 Resp: 168501

Ion Ratio Lower Upper

79 100

52 73.2 57.2 85.8

51 35.3 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 29.79 ng

RT: 3.02 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

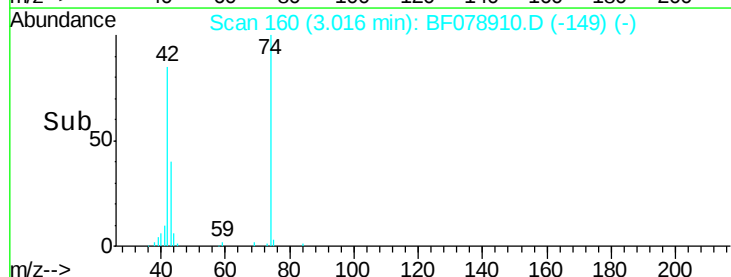
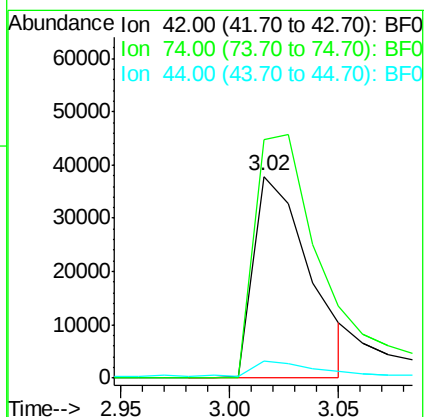
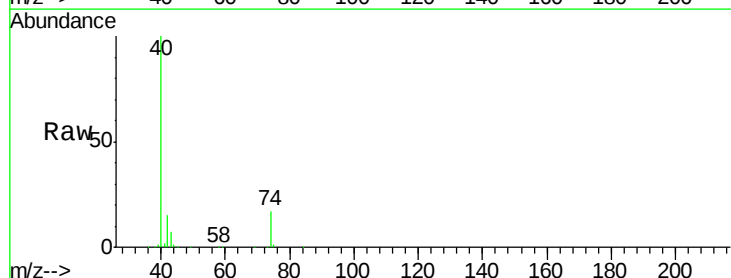
Tgt Ion: 42 Resp: 68026

Ion Ratio Lower Upper

42 100

74 118.1 96.5 144.7

44 8.4 6.1 9.1





#5

2-Fluorophenol

Concen: 117.15 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

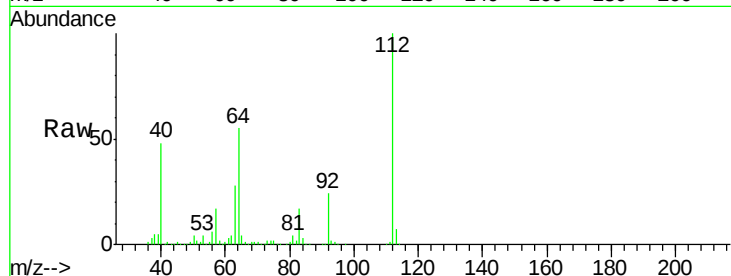
Tgt Ion: 112 Resp: 490724

Ion Ratio Lower Upper

112 100

64 54.8 53.5 80.3

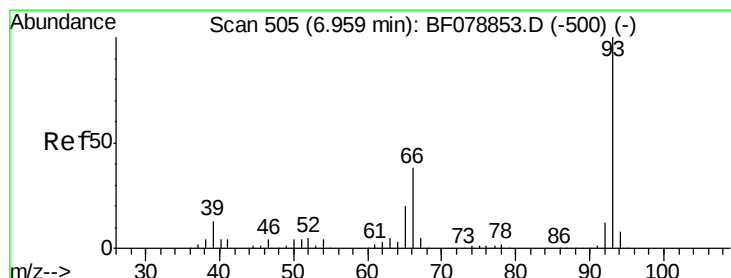
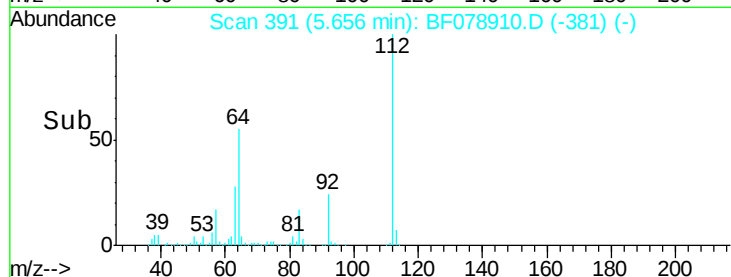
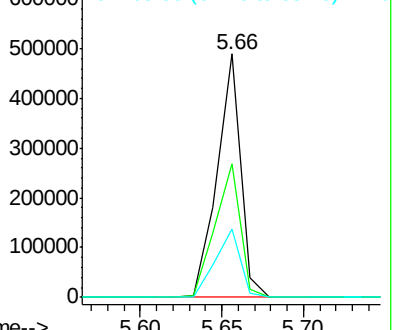
63 28.2 27.5 41.3



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: 18.71 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

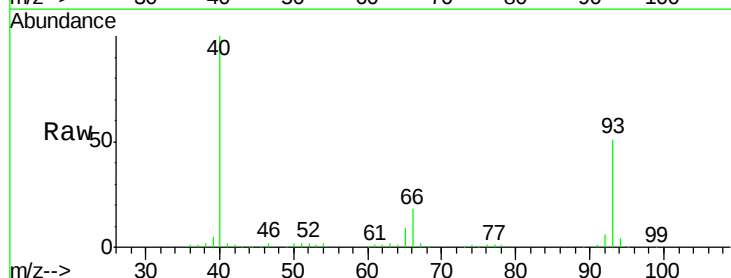
Tgt Ion: 93 Resp: 146210

Ion Ratio Lower Upper

93 100

66 36.2 29.7 44.5

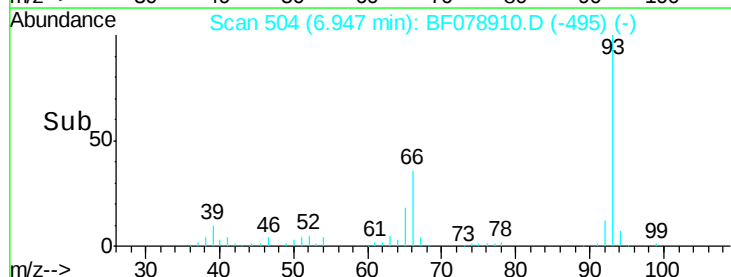
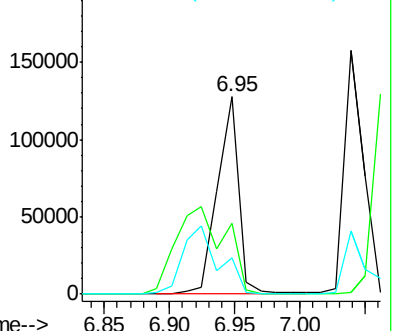
65 18.1 14.6 22.0



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: 109.79 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

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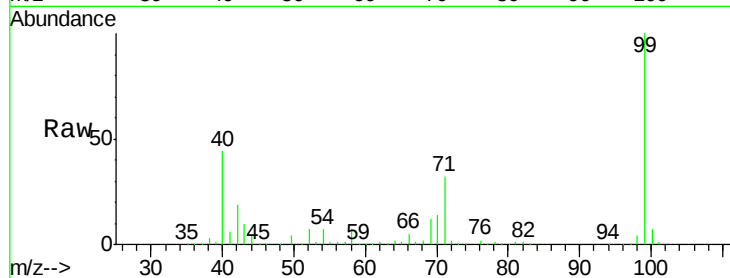
Tgt Ion: 99 Resp: 607901

Ion Ratio Lower Upper

99 100

42 18.9 12.8 19.2

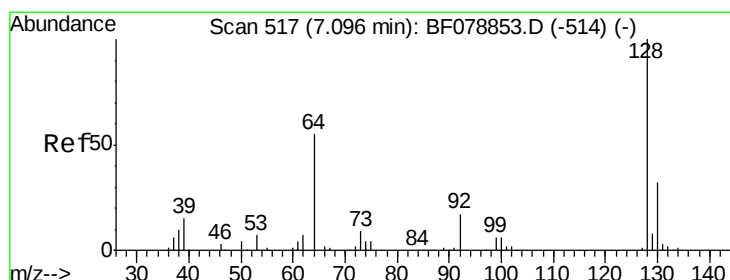
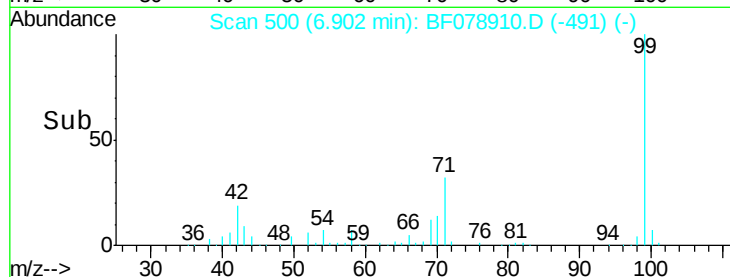
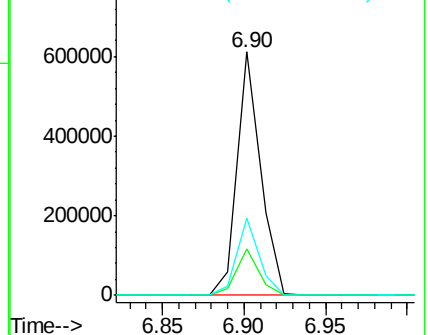
71 31.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.69 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

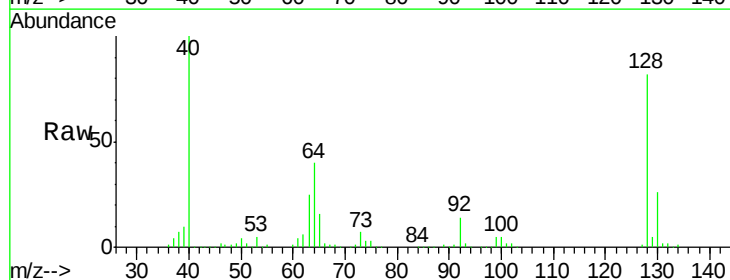
Tgt Ion: 128 Resp: 174326

Ion Ratio Lower Upper

128 100

130 31.9 12.1 52.1

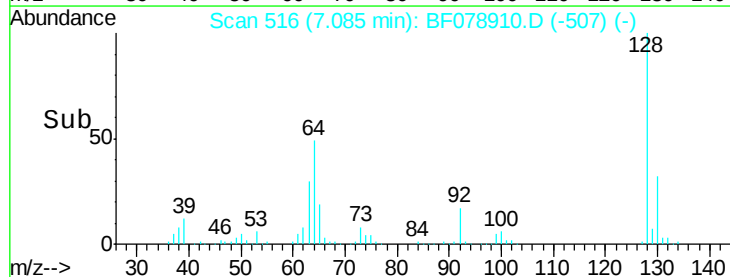
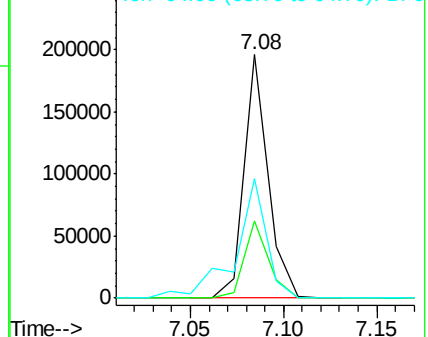
64 49.2 29.6 69.6



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: 12.79 ng

RT: 6.81 min Scan# 492

Delta R.T. 0.00 min

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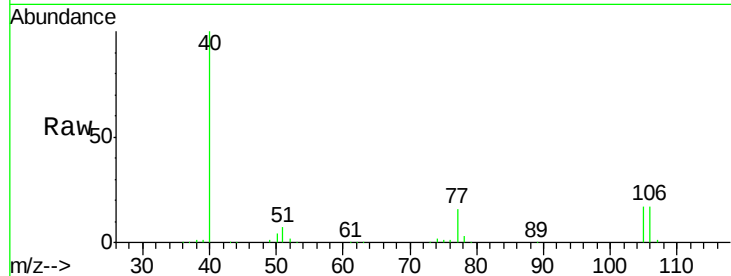
Tgt Ion: 77 Resp: 47694

Ion Ratio Lower Upper

77 100

105 104.9 81.7 121.7

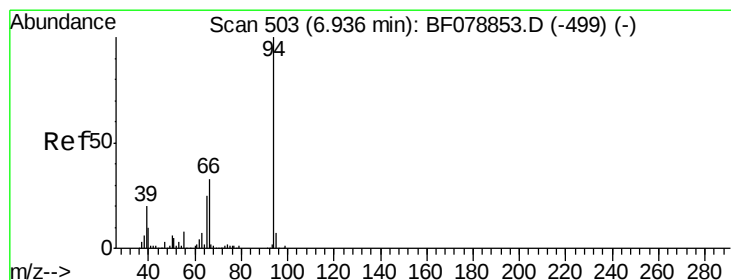
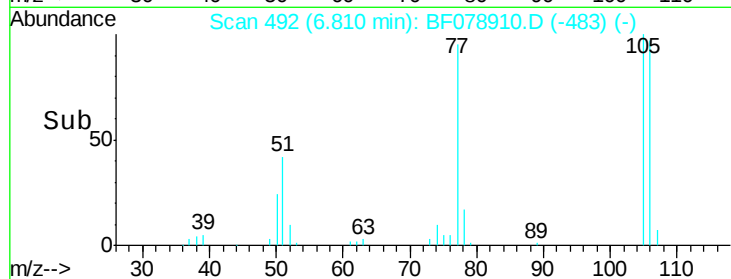
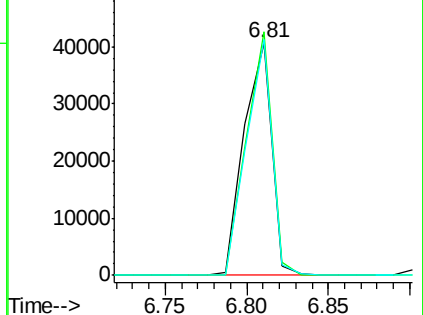
106 101.5 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 33.65 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

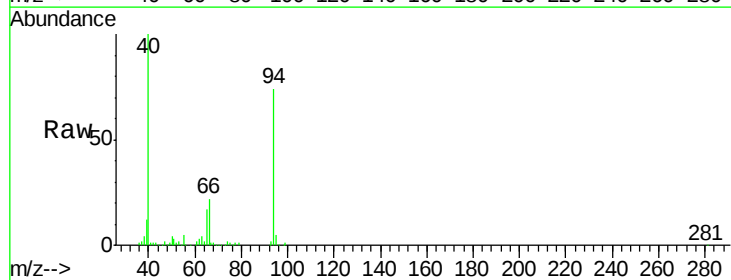
Tgt Ion: 94 Resp: 216162

Ion Ratio Lower Upper

94 100

65 23.1 8.5 48.5

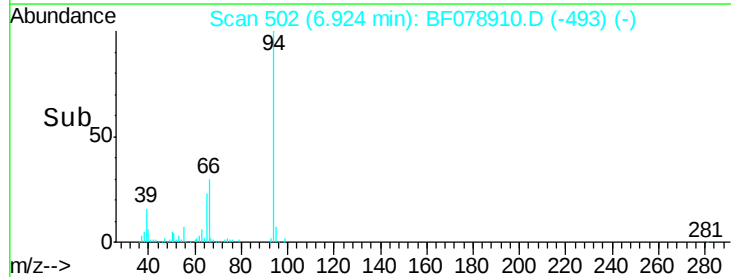
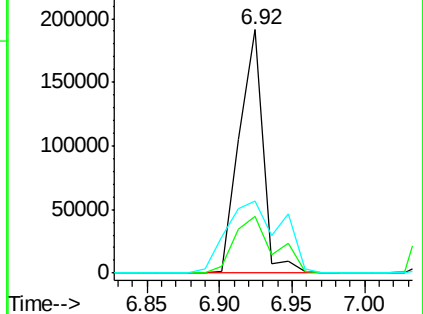
66 29.6 16.0 56.0

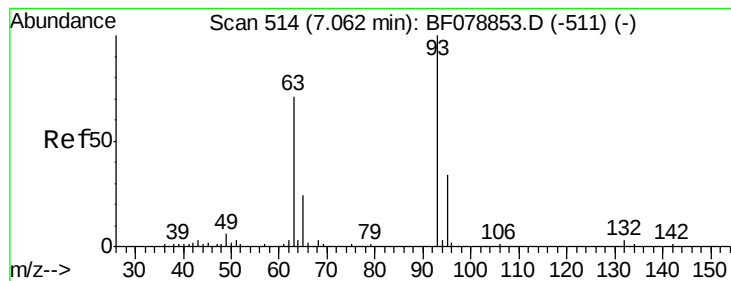


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.38 ng

RT: 7.04 min Scan# 512

Delta R.T. 0.00 min

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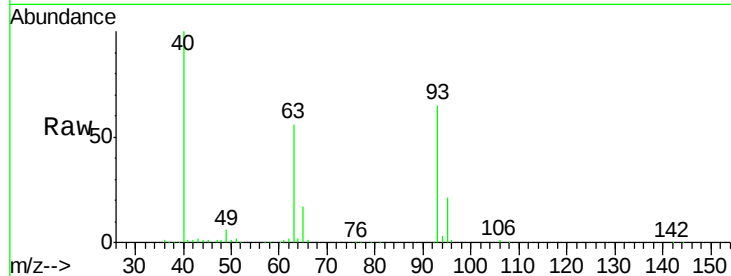
Tgt Ion: 93 Resp: 161868

Ion Ratio Lower Upper

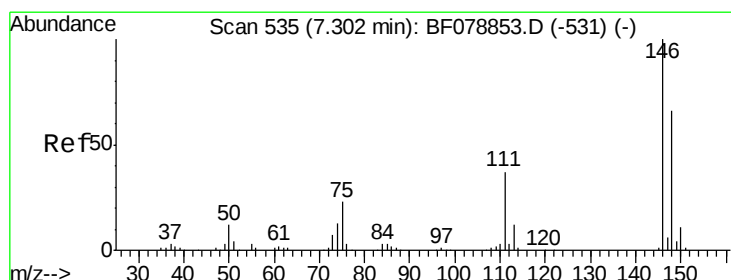
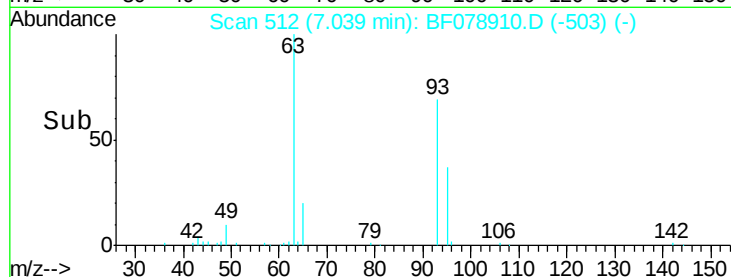
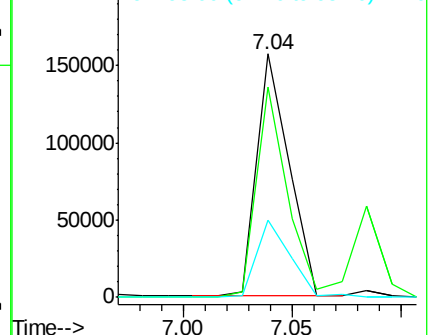
93 100

63 86.4 64.8 104.8

95 31.7 12.4 52.4



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



#12

1,3-Dichlorobenzene

Concen: 33.89 ng

RT: 7.28 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

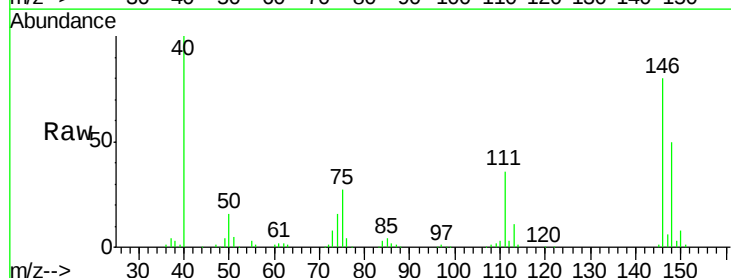
Tgt Ion: 146 Resp: 180952

Ion Ratio Lower Upper

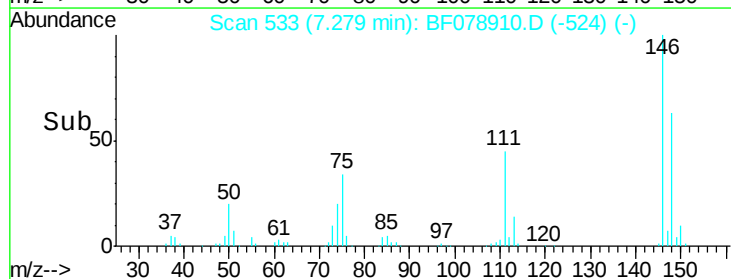
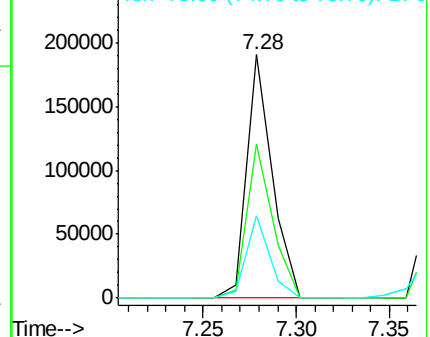
146 100

148 63.3 50.2 75.2

75 33.8 29.2 43.8



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

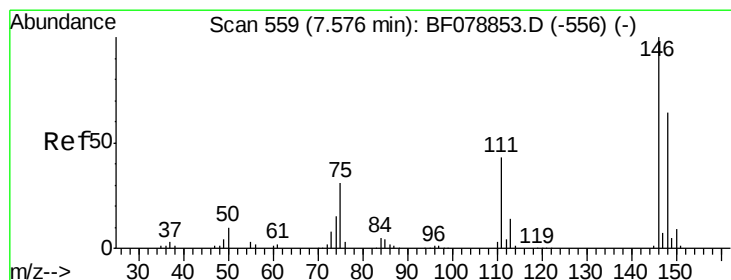
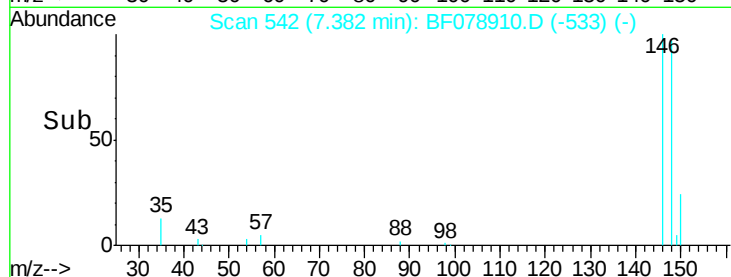
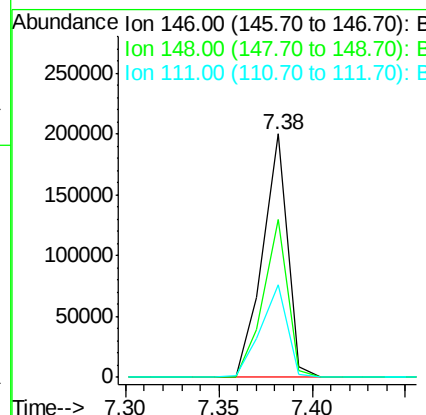
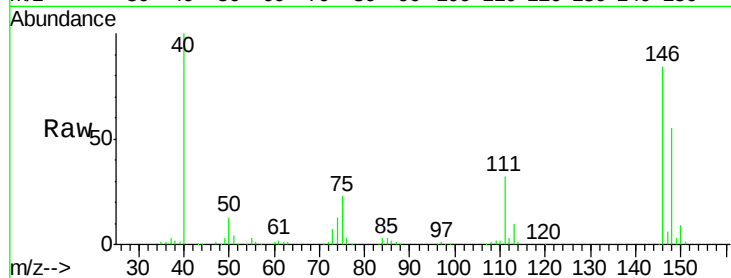




#13
 1,4-Dichlorobenzene
 Concen: 34.21 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

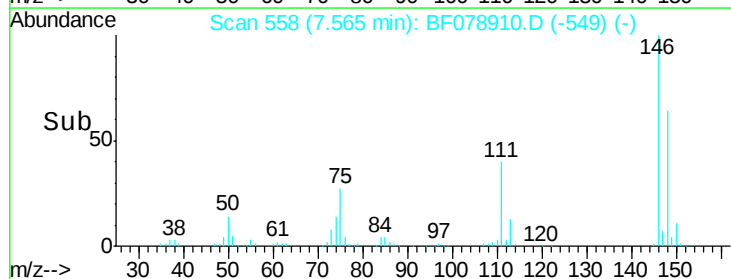
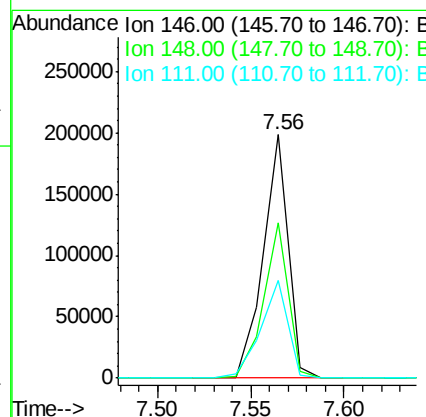
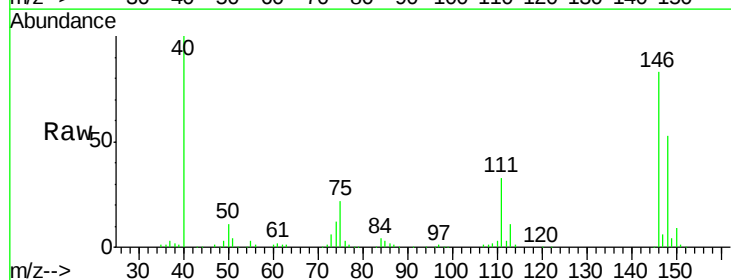
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

Tgt Ion:146 Resp: 187978
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.8 79.2
 111 38.1 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 35.57 ng
 RT: 7.56 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion:146 Resp: 181961
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.2 76.8
 111 40.1 33.3 49.9





#15

Benzyl Alcohol

Concen: 34.81 ng

RT: 7.53 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

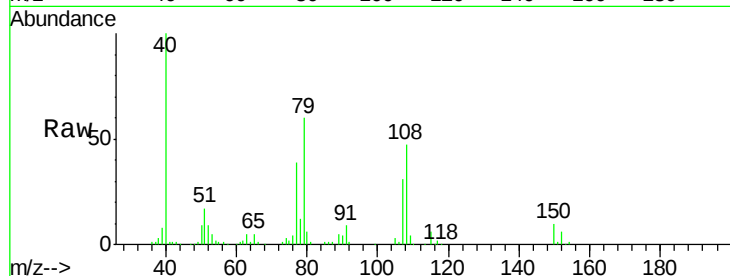
Tgt Ion: 79 Resp: 143088

Ion Ratio Lower Upper

79 100

108 77.0 62.5 93.7

77 64.1 52.2 78.4

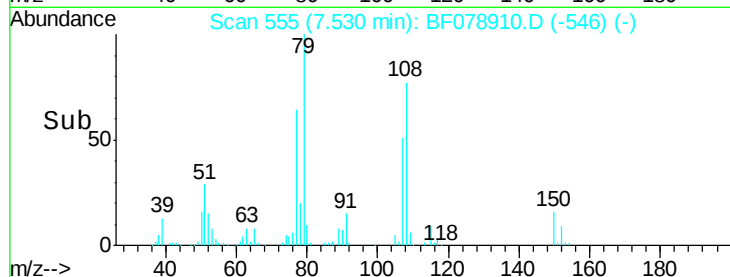


Abundance Ion 79.00 (78.70 to 79.70): BF078853.D (-553) (-)

Ion 108.00 (107.70 to 108.70): BF078853.D (-553) (-)

Ion 77.00 (76.70 to 77.70): BF078853.D (-553) (-)

Time-->

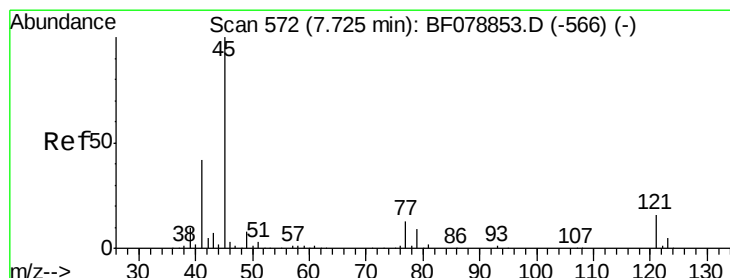


Abundance Ion 79.00 (78.70 to 79.70): BF078910.D (-546) (-)

Ion 108.00 (107.70 to 108.70): BF078910.D (-546) (-)

Ion 77.00 (76.70 to 77.70): BF078910.D (-546) (-)

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.44 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

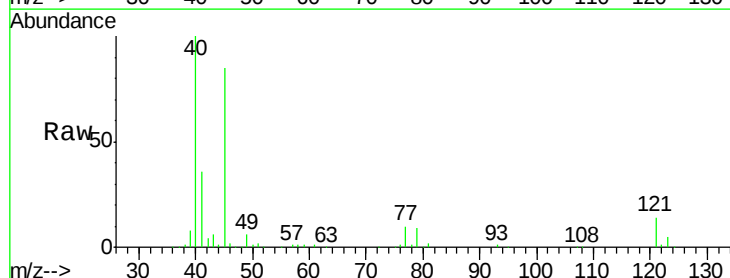
Tgt Ion: 45 Resp: 255311

Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.3

79 10.0 0.0 30.1

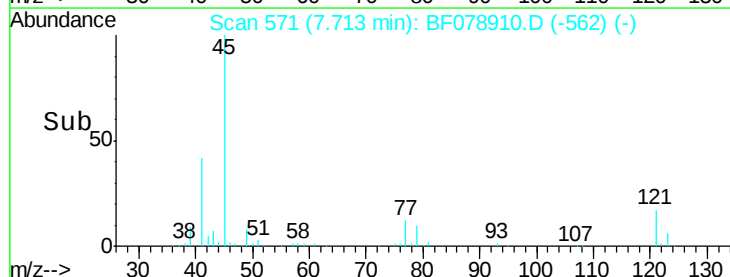


Abundance Ion 45.00 (44.70 to 45.70): BF078853.D (-566) (-)

Ion 77.00 (76.70 to 77.70): BF078853.D (-566) (-)

Ion 79.00 (78.70 to 79.70): BF078853.D (-566) (-)

Time-->

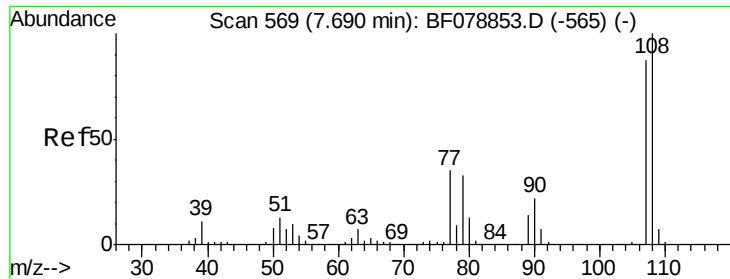


Abundance Ion 45.00 (44.70 to 45.70): BF078910.D (-562) (-)

Ion 77.00 (76.70 to 77.70): BF078910.D (-562) (-)

Ion 79.00 (78.70 to 79.70): BF078910.D (-562) (-)

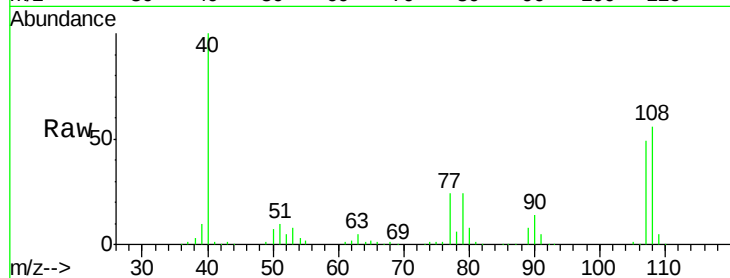
Time-->



#17
 2-Methylphenol
 Concen: 36.09 ng
 RT: 7.67 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

Tgt Ion:	107	Resp:	137985
Ion	Ratio	Lower	Upper
107	100		
108	114.9	94.9	142.3
77	49.8	36.2	54.4
79	48.5	35.2	52.8



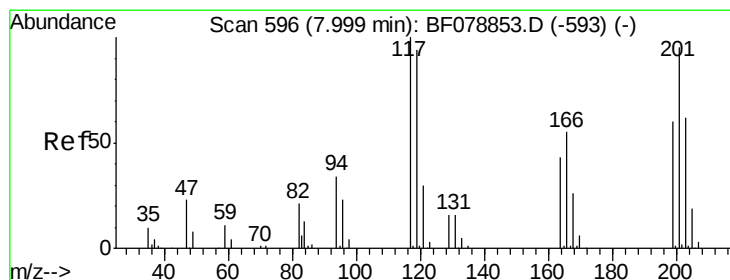
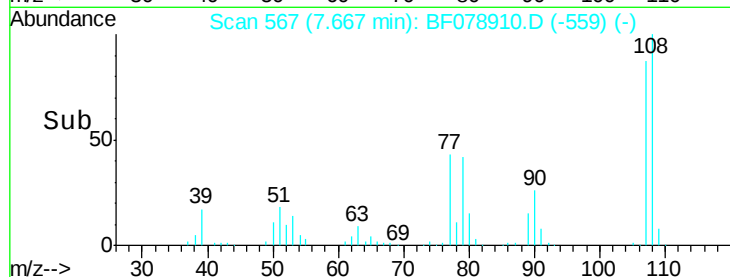
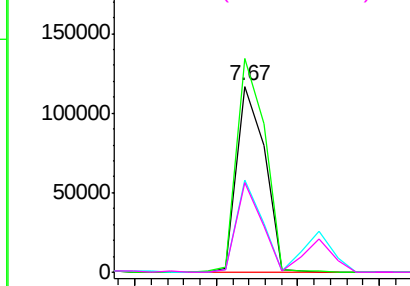
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

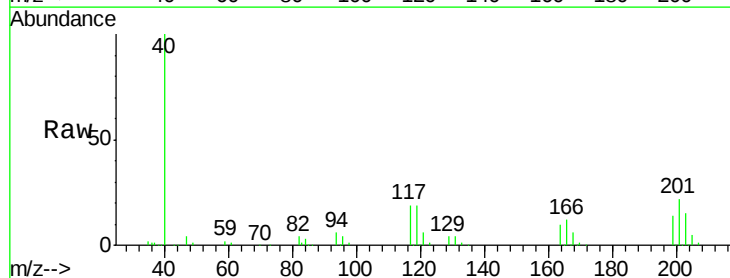
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
 Hexachloroethane
 Concen: 33.77 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion:	117	Resp:	63915
Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.4	113.0
201	115.2	83.2	124.8

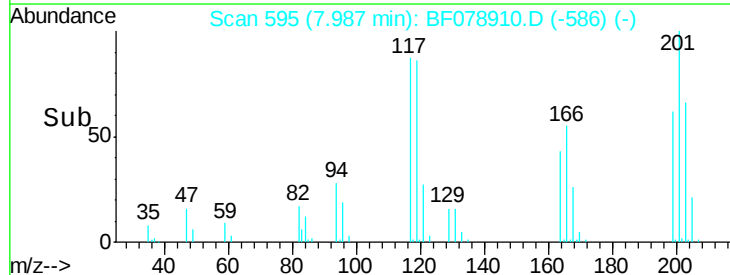
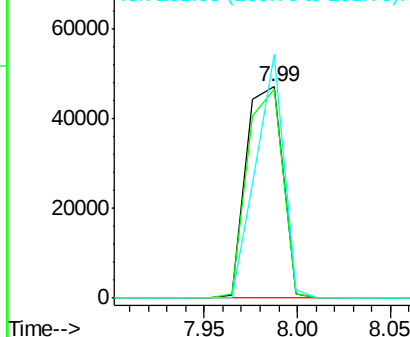


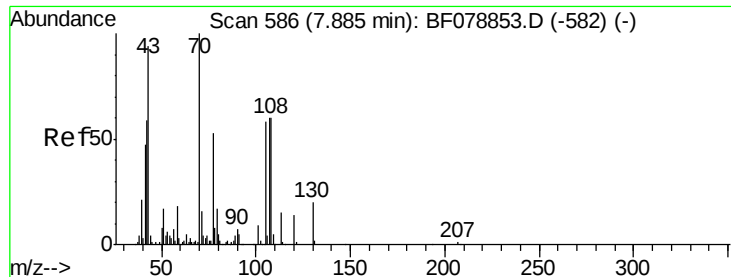
Abundance

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

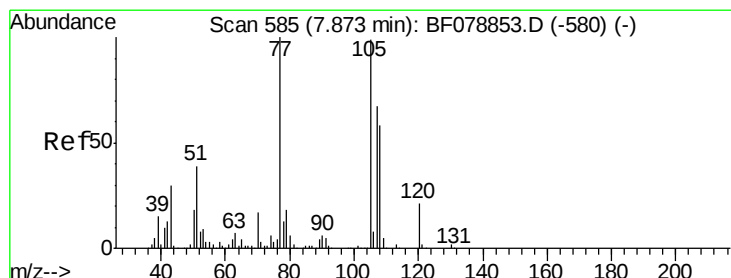
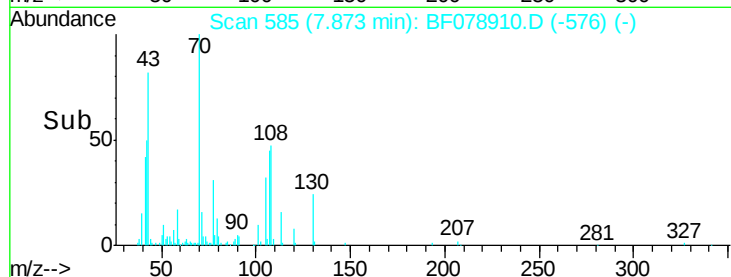
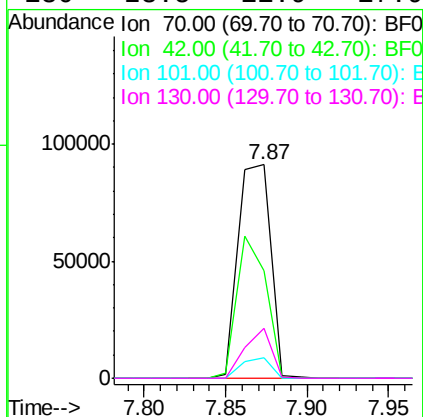
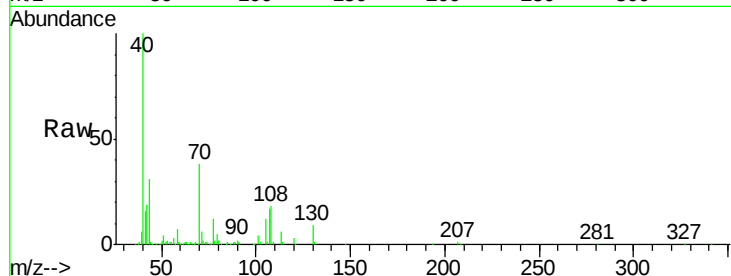




#19
n-Nitroso-di-n-propylamine
Concen: 33.58 ng
RT: 7.87 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

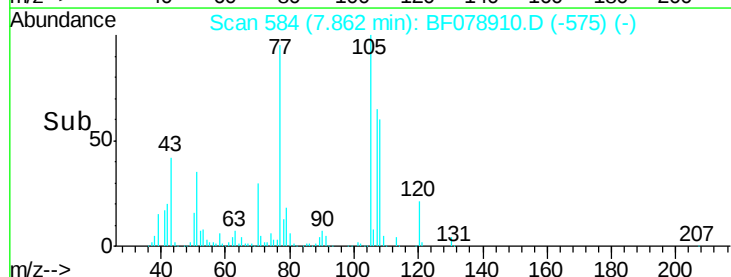
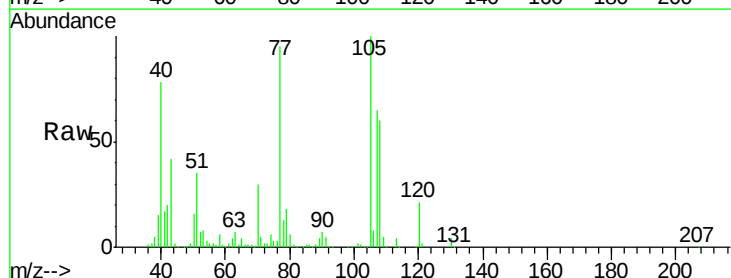
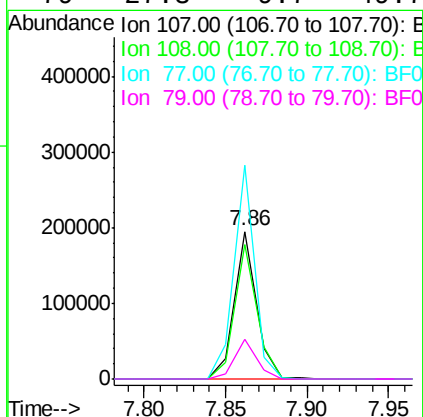
Instrument :
BNA_F
ClientSampleId :
PB83053BS

Tgt Ion: 70 Resp: 125577
Ion Ratio Lower Upper
70 100
42 50.2 55.4 83.0#
101 9.6 6.6 10.0
130 23.5 11.9 17.9#



#20
3+4-Methylphenols
Concen: 35.74 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

Tgt Ion: 107 Resp: 182061
Ion Ratio Lower Upper
107 100
108 91.5 76.9 116.9
77 145.1 136.8 176.8
79 27.3 9.7 49.7

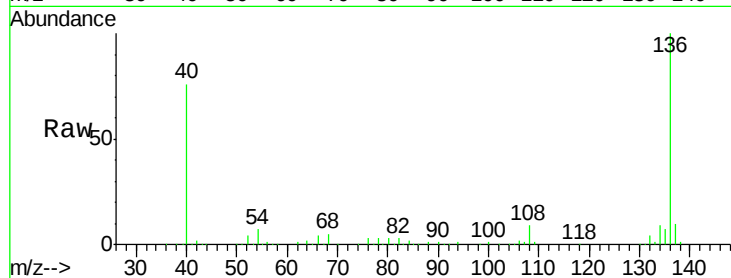




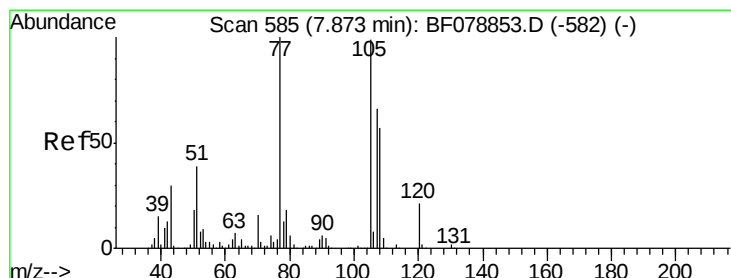
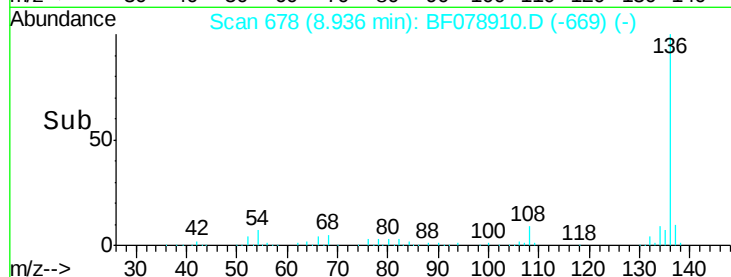
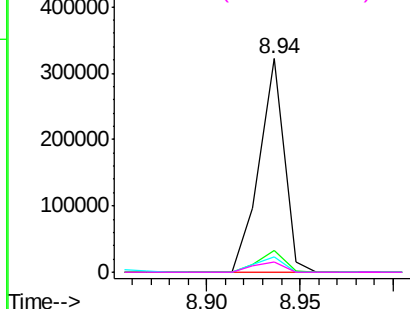
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

Instrument :
BNA_F
ClientSampleId :
PB83053BS

Tgt Ion:	136	Resp:	298271
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	7.1	5.8	8.8
68	5.0	4.2	6.4

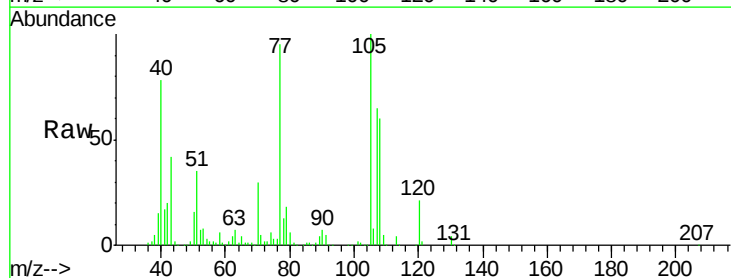


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

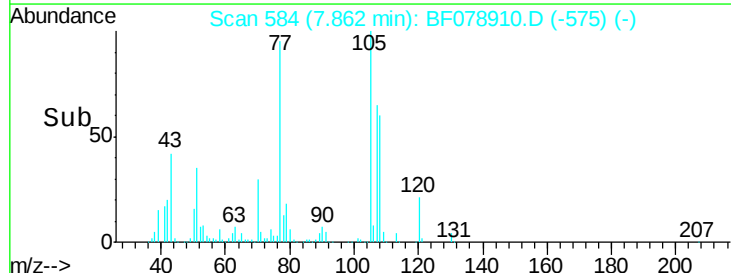
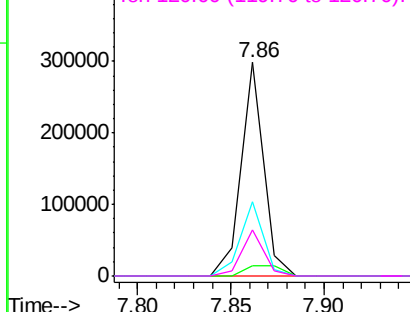


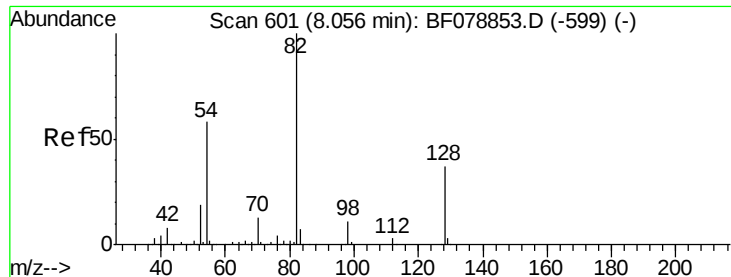
#22
Acetophenone
Concen: 37.50 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

Tgt Ion:	105	Resp:	252727
Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.6	6.8
51	35.0	26.7	40.1
120	21.4	17.4	26.0



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

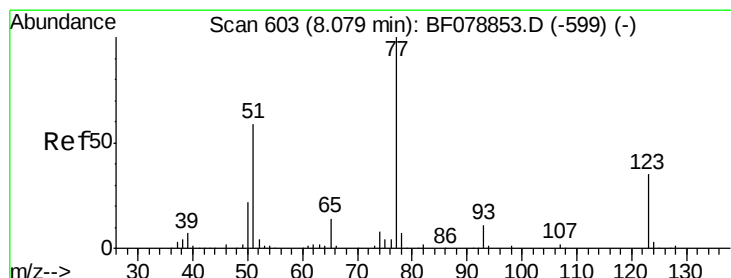
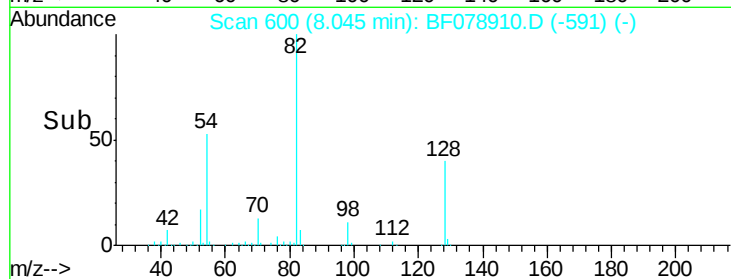
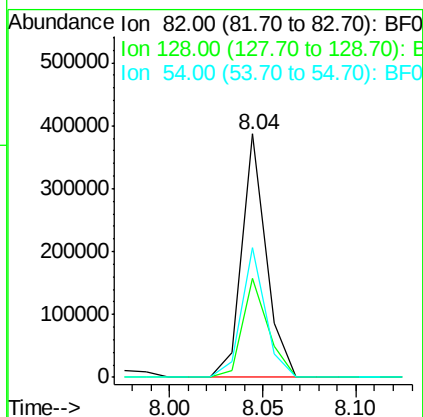
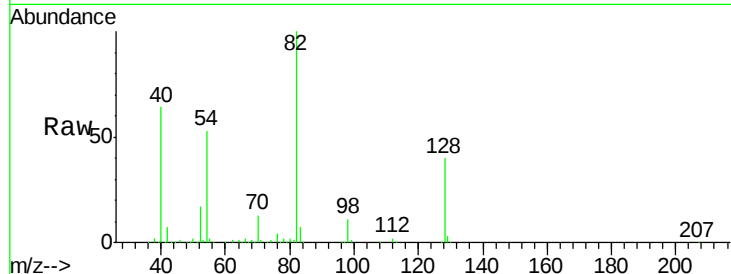




#23
 Nitrobenzene-d5
 Concen: 67.66 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

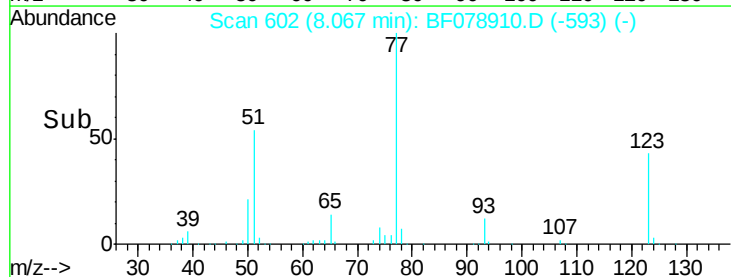
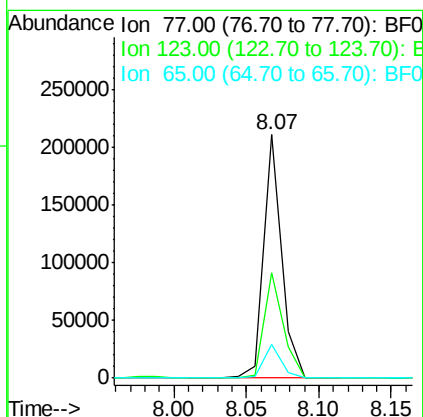
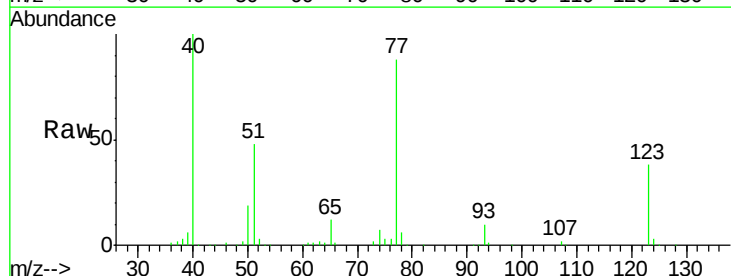
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

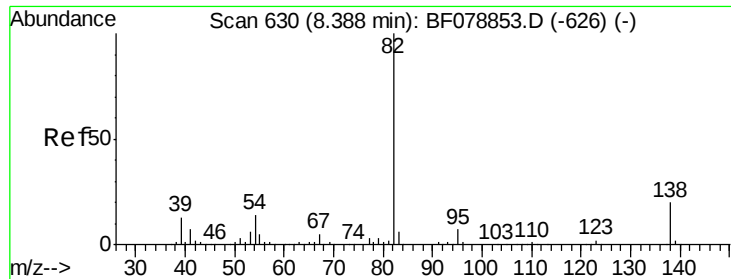
Tgt Ion: 82 Resp: 351158
 Ion Ratio Lower Upper
 82 100
 128 40.4 30.0 45.0
 54 53.3 46.4 69.6



#24
 Nitrobenzene
 Concen: 35.15 ng
 RT: 8.07 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion: 77 Resp: 180803
 Ion Ratio Lower Upper
 77 100
 123 43.4 31.8 47.8
 65 13.6 10.6 15.8





#25

Isophorone

Concen: 34.22 ng

RT: 8.36 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

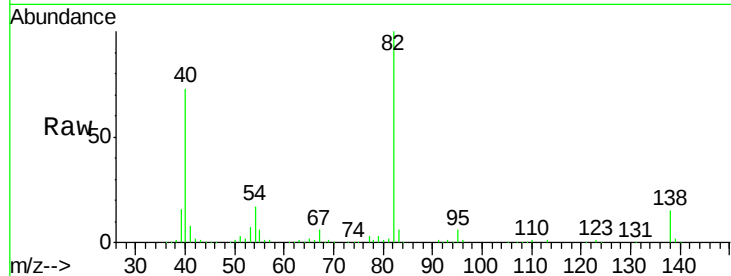
Tgt Ion: 82 Resp: 329264

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 14.9 12.0 18.0

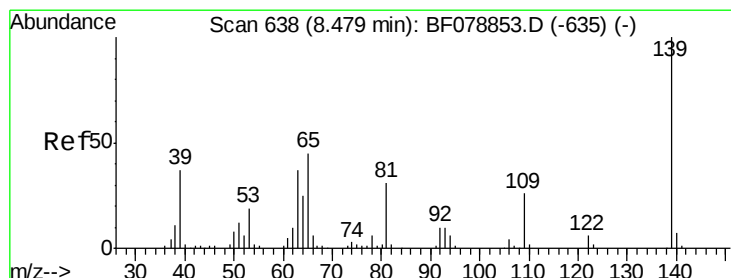
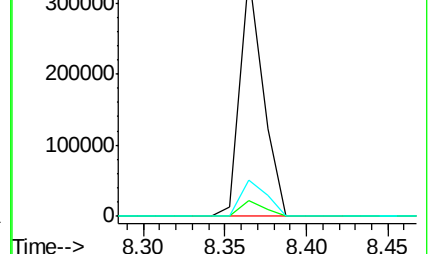
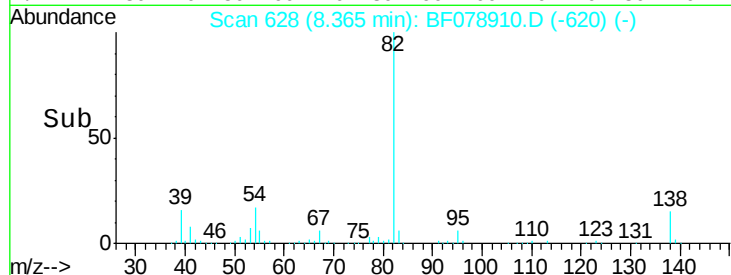


Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-626) (-)

Ion 95.00 (94.70 to 95.70): BF078853.D (-626) (-)

Ion 138.00 (137.70 to 138.70): BF078853.D (-626) (-)

Time-->



#26

2-Nitrophenol

Concen: 32.81 ng

RT: 8.47 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

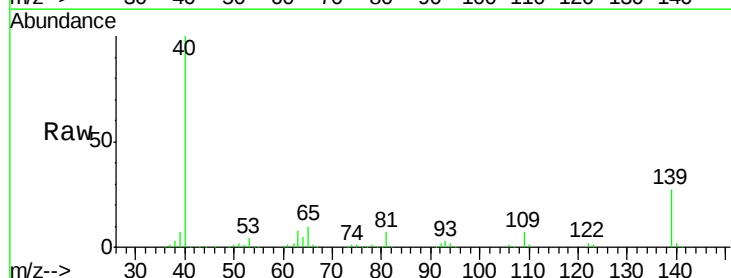
Tgt Ion: 139 Resp: 69863

Ion Ratio Lower Upper

139 100

109 24.3 21.0 31.4

65 36.0 30.5 45.7

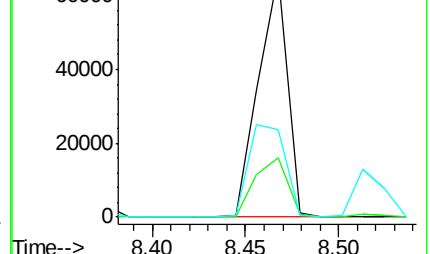
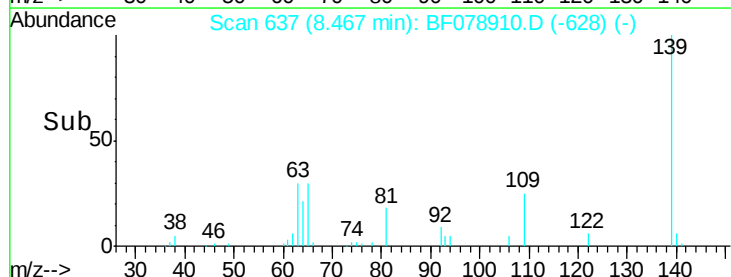


Abundance Ion 139.00 (138.70 to 139.70): BF078853.D (-635) (-)

Ion 109.00 (108.70 to 109.70): BF078853.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BF078853.D (-635) (-)

Time-->

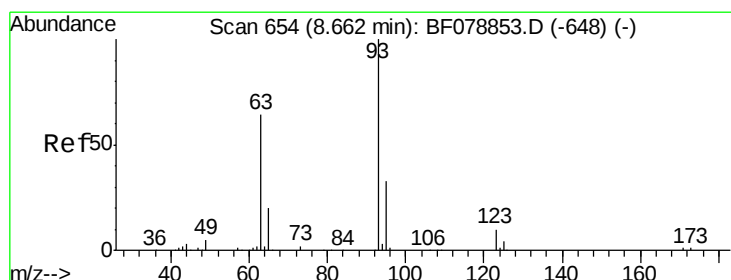
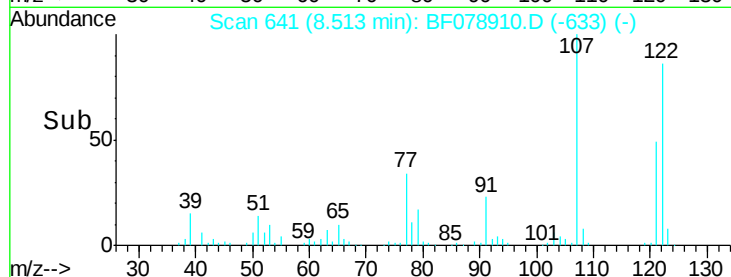
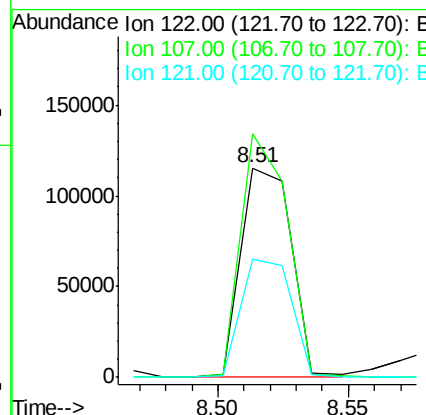
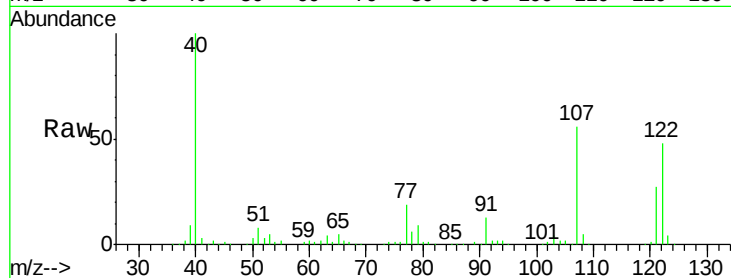




#27
 2,4-Dimethylphenol
 Concen: 36.82 ng
 RT: 8.51 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

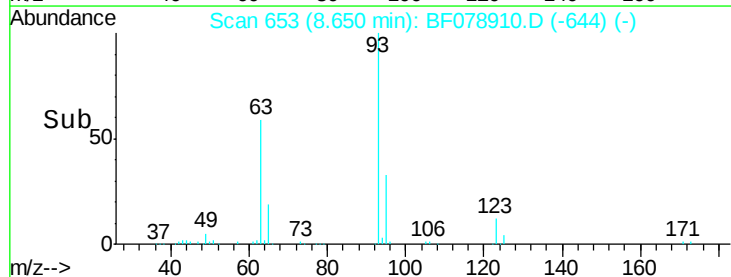
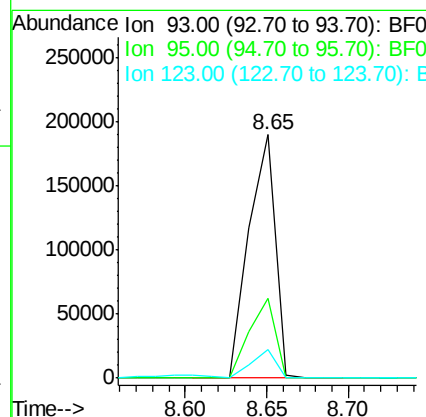
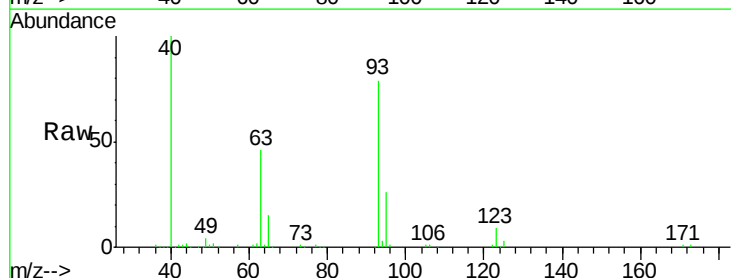
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

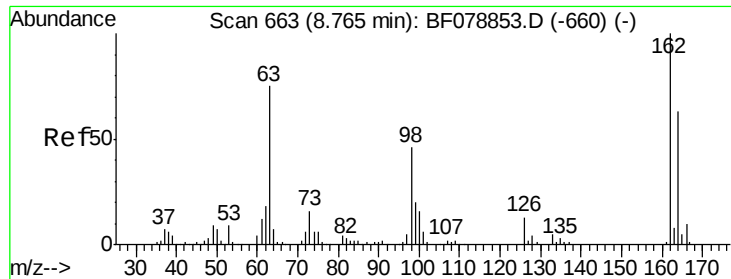
Tgt Ion: 122 Resp: 156868
 Ion Ratio Lower Upper
 122 100
 107 116.2 90.6 135.8
 121 56.6 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.80 ng
 RT: 8.65 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion: 93 Resp: 212353
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.7 40.1
 123 11.6 9.1 13.7

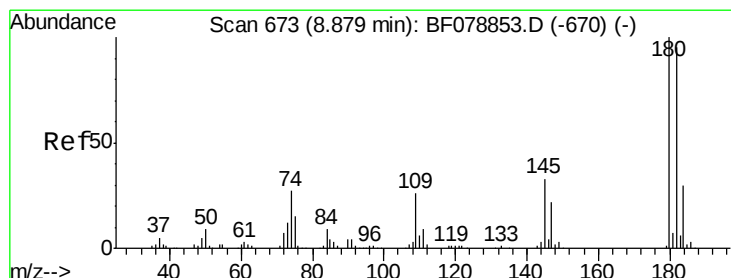
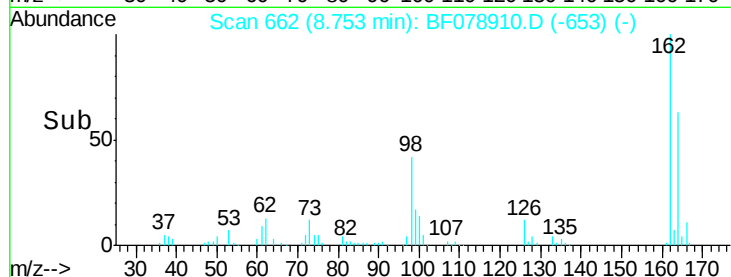
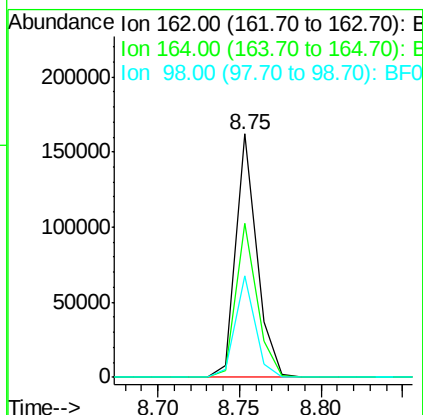
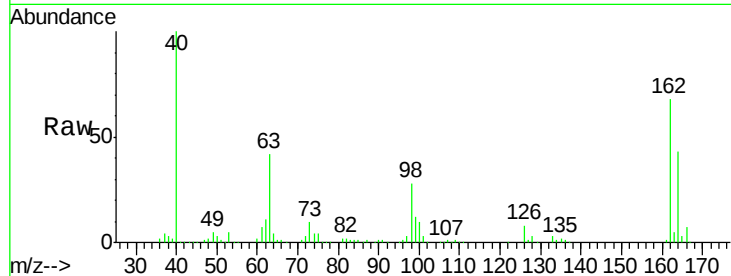




#29
 2,4-Dichlorophenol
 Concen: 38.05 ng
 RT: 8.75 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

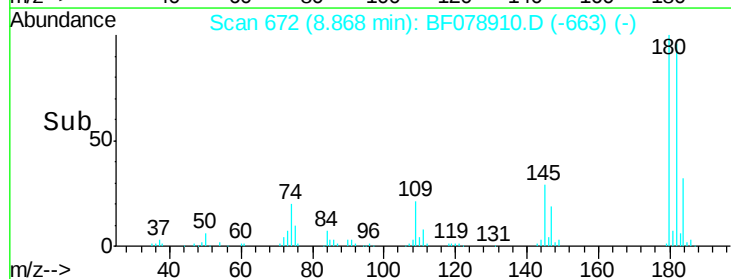
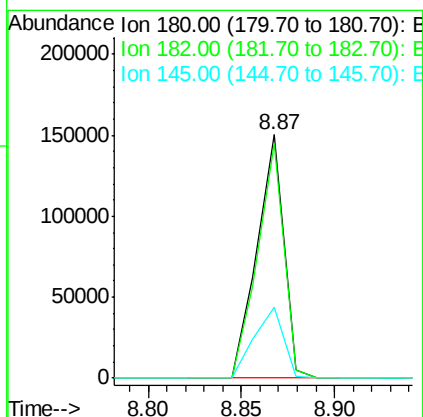
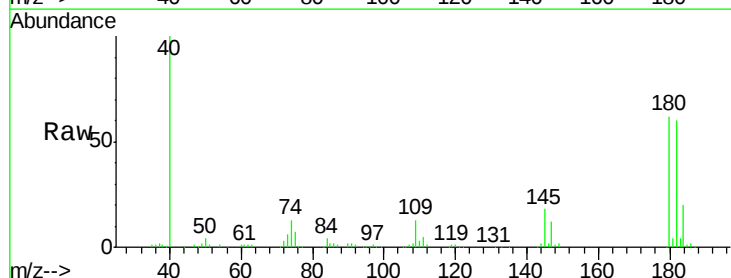
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.6	83.6
98	41.6	16.5	56.5



#30
 1,2,4-Trichlorobenzene
 Concen: 35.91 ng
 RT: 8.87 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.9	118.3
145	29.3	24.2	36.4

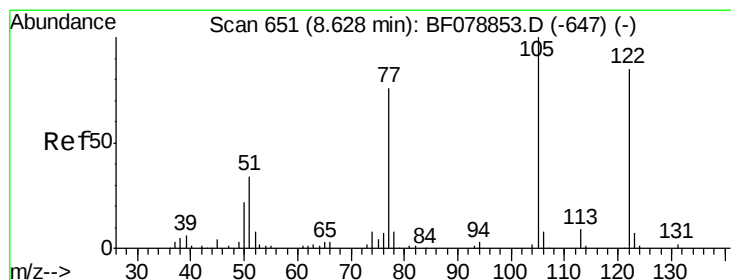
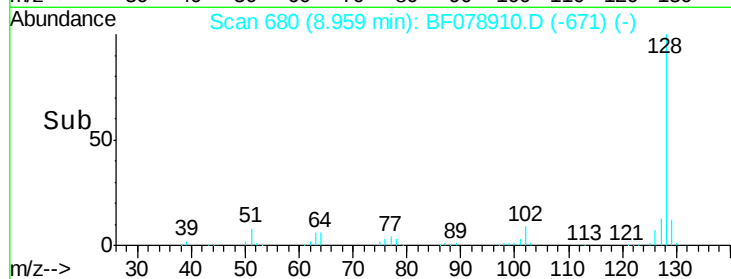
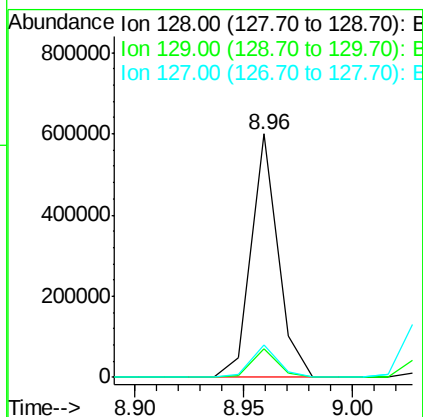
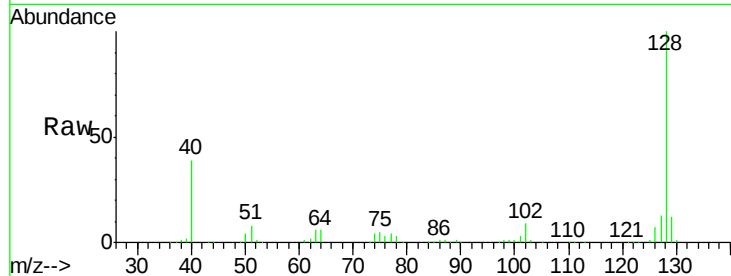




#31
Naphthalene
Concen: 36.25 ng
RT: 8.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

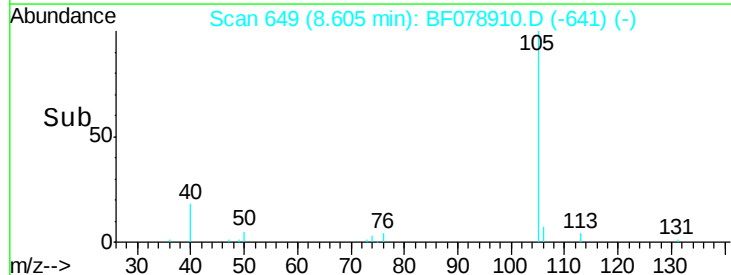
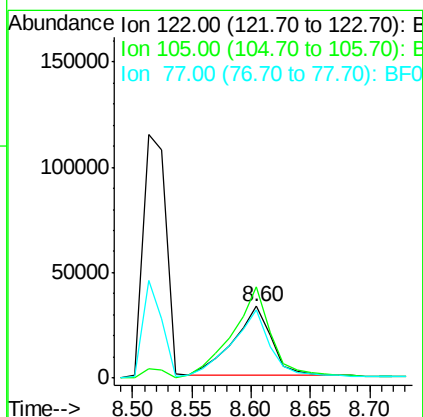
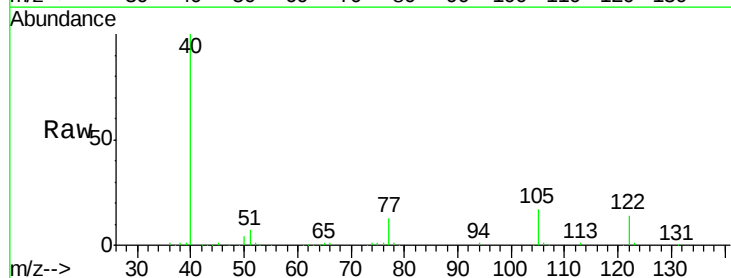
Instrument :
BNA_F
ClientSampleId :
PB83053BS

Tgt Ion:128 Resp: 515226
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 30.25 ng
RT: 8.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

Tgt Ion:122 Resp: 73570
Ion Ratio Lower Upper
122 100
105 126.2 107.1 147.1
77 94.0 73.9 113.9

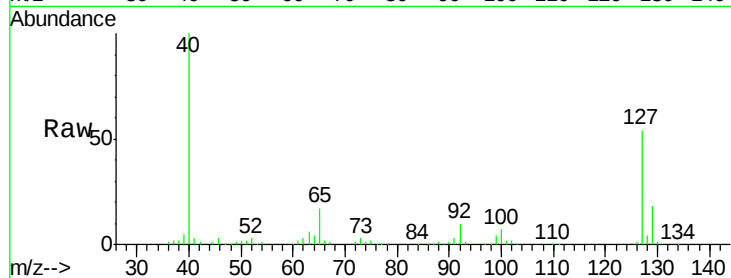




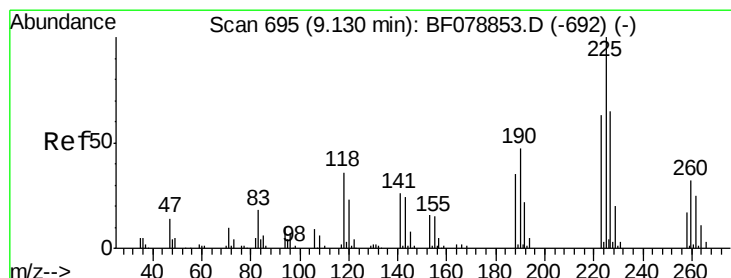
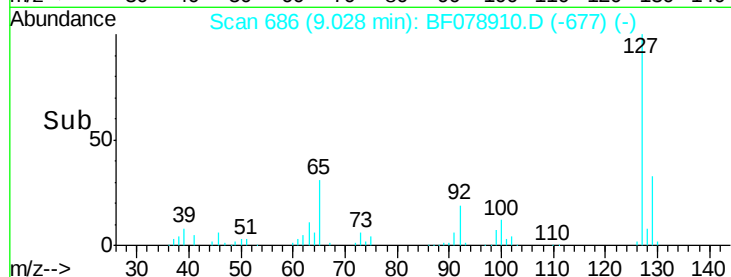
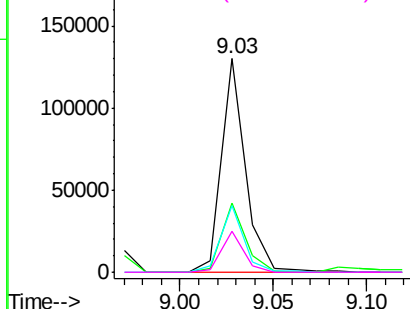
#33
4-Chloroaniline
Concen: 19.53 ng
RT: 9.03 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

Instrument :
BNA_F
ClientSampleId :
PB83053BS

Tgt Ion:	127	Resp:	117418
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	31.5	25.8	38.6
92	19.3	15.5	23.3

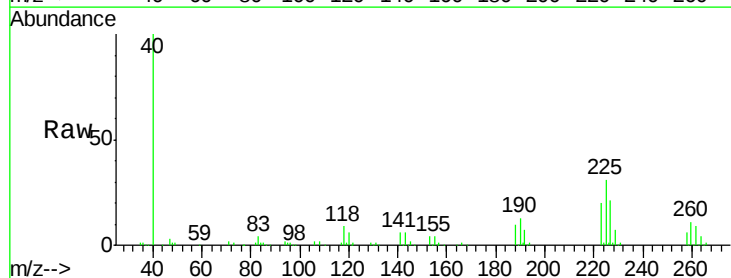


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

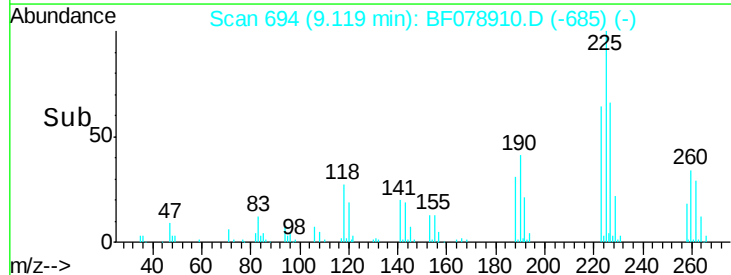
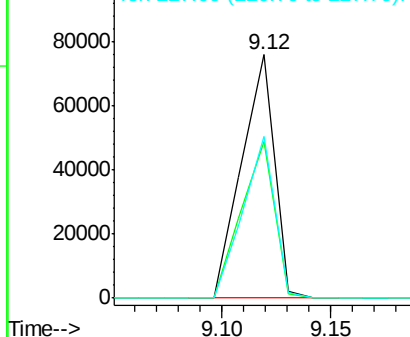


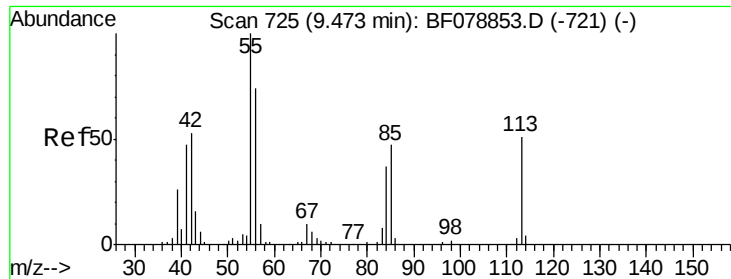
#34
Hexachlorobutadiene
Concen: 33.16 ng
RT: 9.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

Tgt Ion:	225	Resp:	79472
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.2	72.4
227	66.5	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

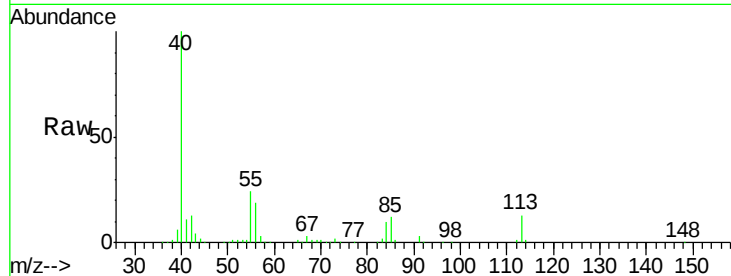




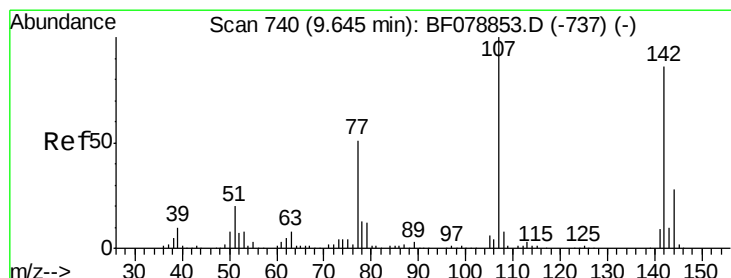
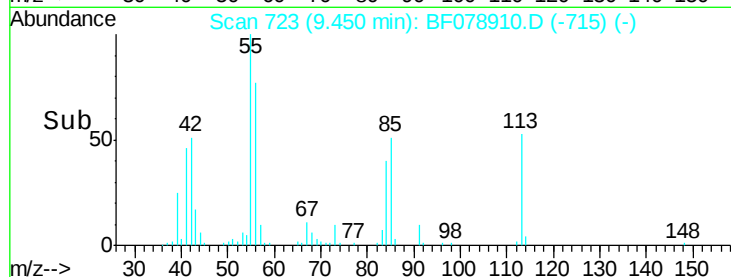
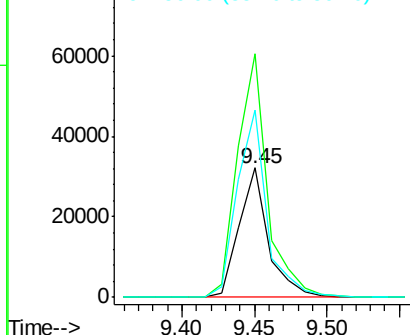
#35
 Caprolactam
 Concen: 36.57 ng
 RT: 9.45 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

Tgt Ion:113 Resp: 44806
 Ion Ratio Lower Upper
 113 100
 55 188.4 169.7 209.7
 56 145.3 122.5 162.5

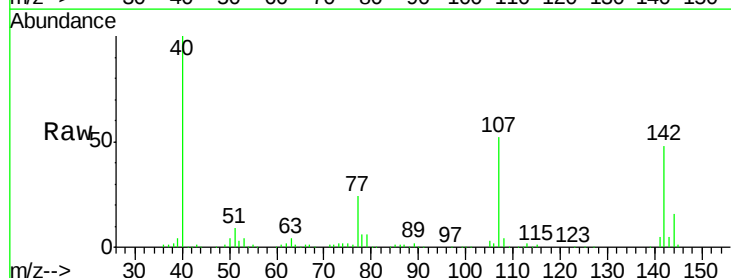


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

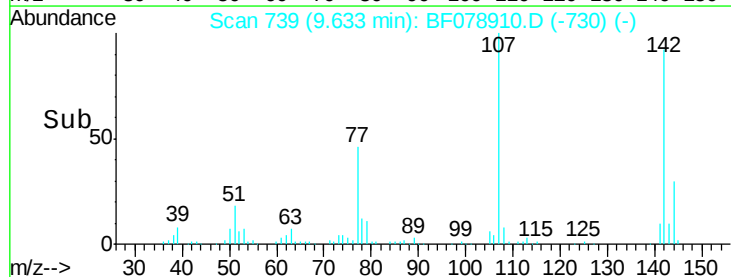
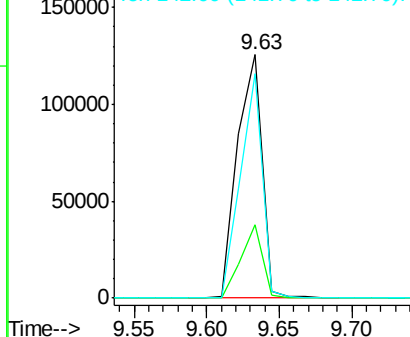


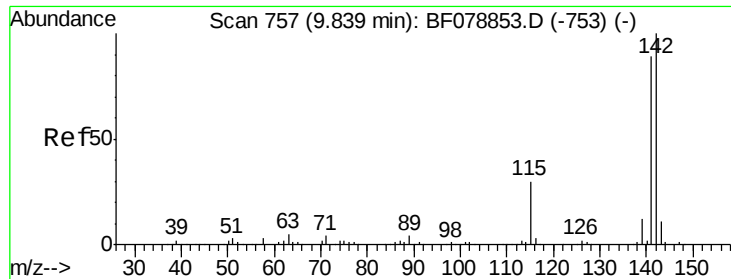
#36
 4-Chloro-3-methylphenol
 Concen: 37.38 ng
 RT: 9.63 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion:107 Resp: 148756
 Ion Ratio Lower Upper
 107 100
 144 30.2 19.8 29.6#
 142 92.1 60.6 91.0#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

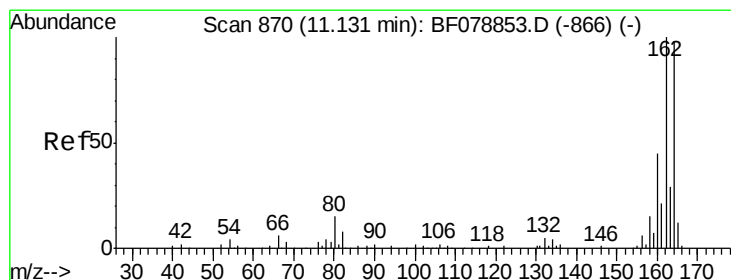
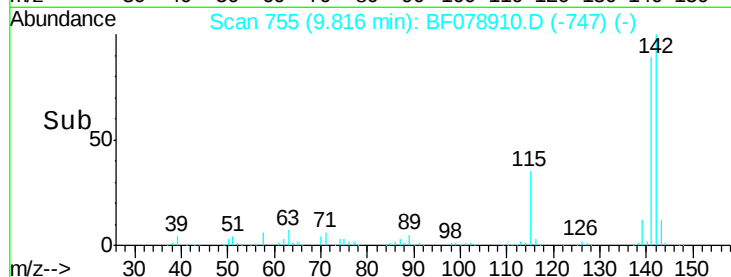
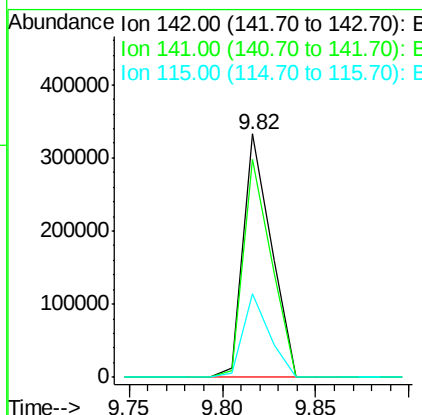
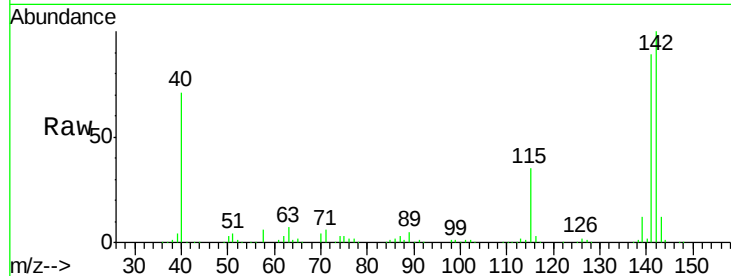




#37
 2-Methylnaphthalene
 Concen: 35.27 ng
 RT: 9.82 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

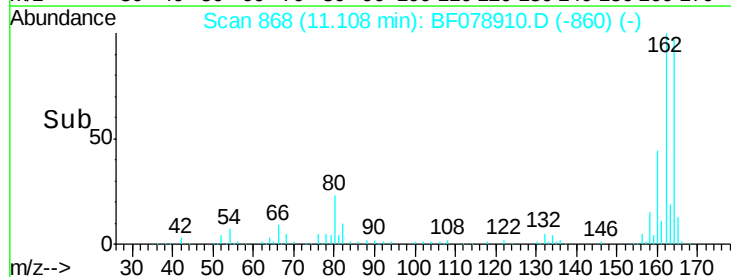
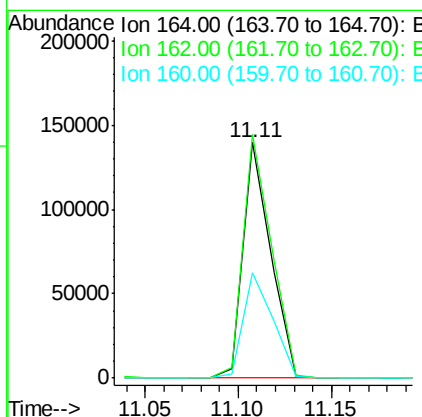
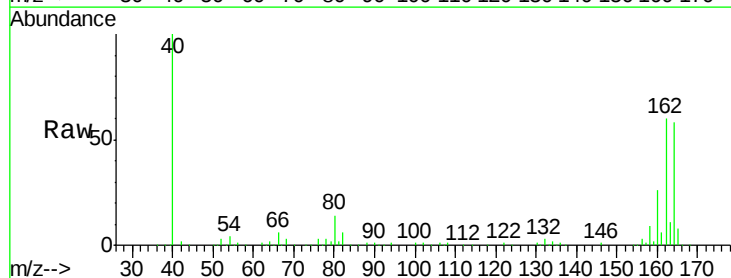
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

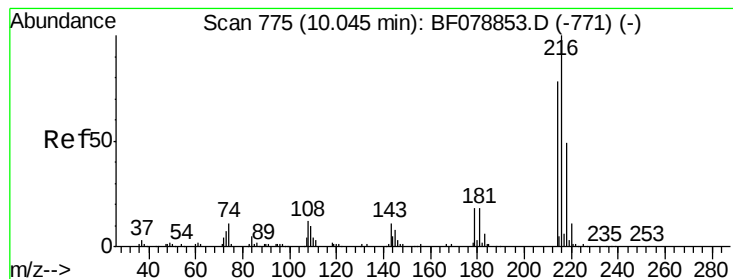
Tgt Ion:142 Resp: 347386
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.9 106.3
 115 34.6 28.5 42.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion:164 Resp: 143162
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.7 124.1
 160 45.0 35.8 53.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.49 ng

RT: 10.02 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

Tgt Ion:216 Resp: 143093

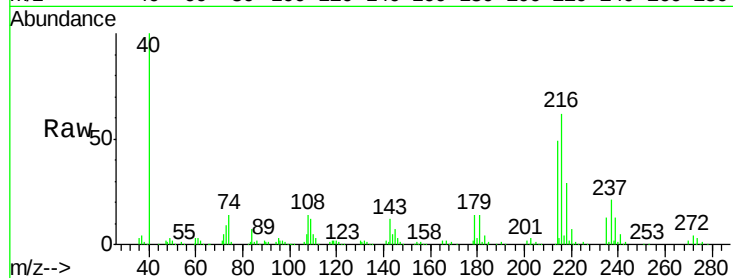
Ion Ratio Lower Upper

216 100

214 79.3 0.0 0.0#

179 22.0 0.0 0.0#

108 24.3 0.0 0.0#

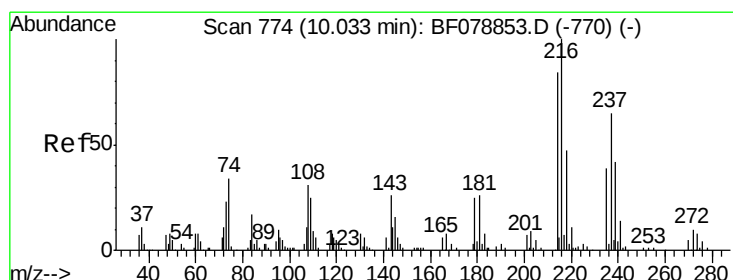
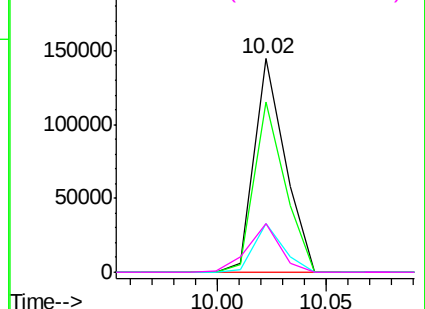
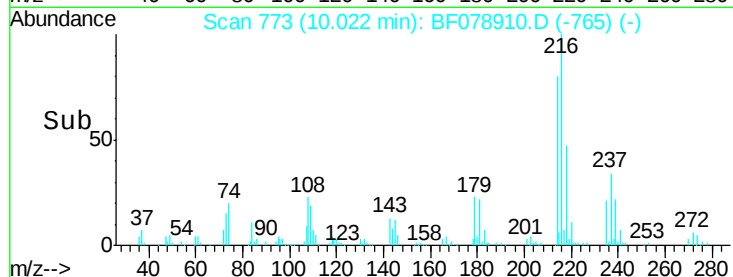


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.30 ng

RT: 10.01 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

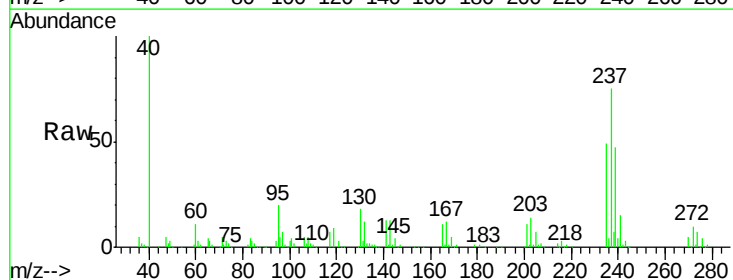
Tgt Ion:237 Resp: 156719

Ion Ratio Lower Upper

237 100

235 65.5 44.7 84.7

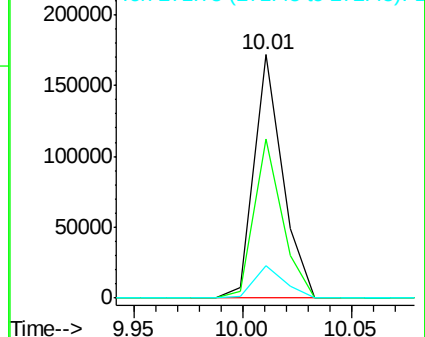
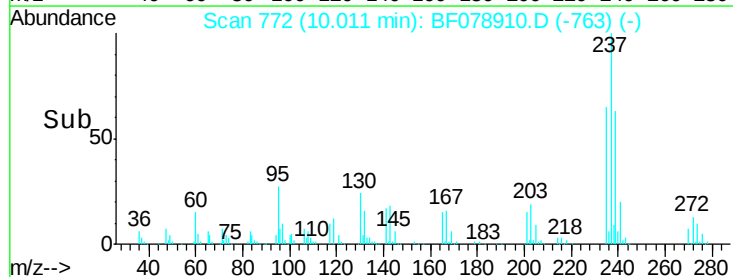
272 13.2 0.0 32.6



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

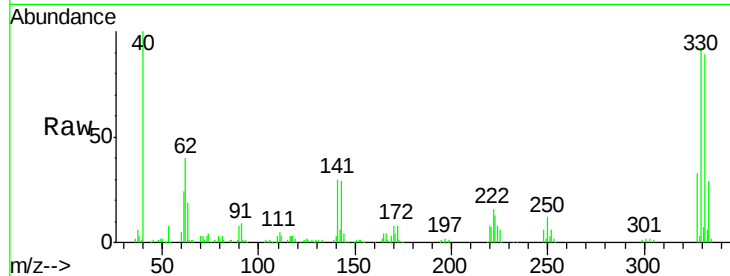




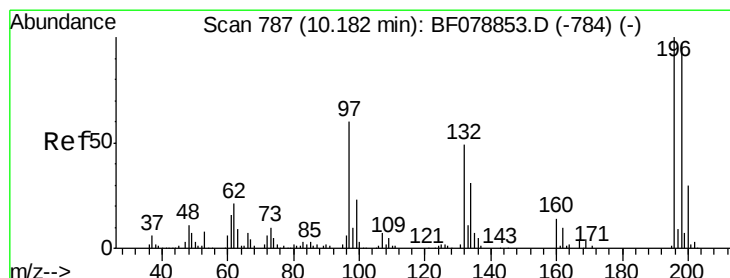
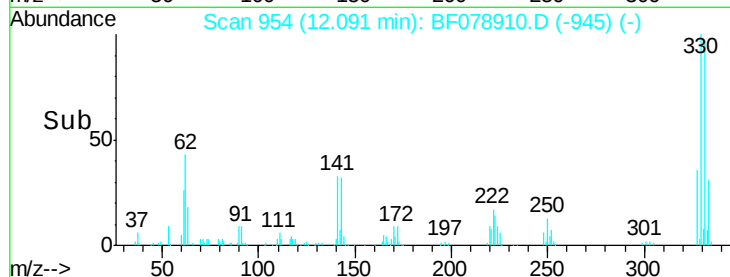
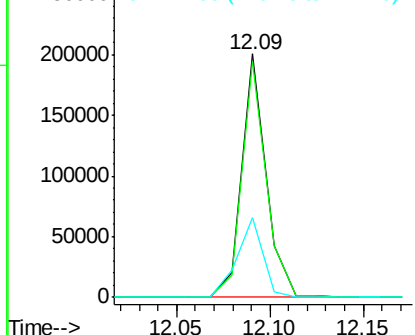
#41
 2,4,6-Tribromophenol
 Concen: 118.50 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

Tgt Ion:330 Resp: 183529
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 35.1 0.0 0.0#

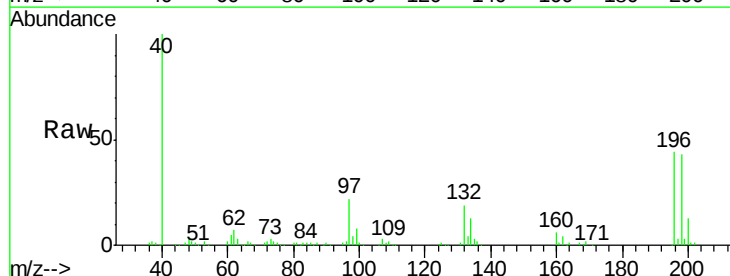


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

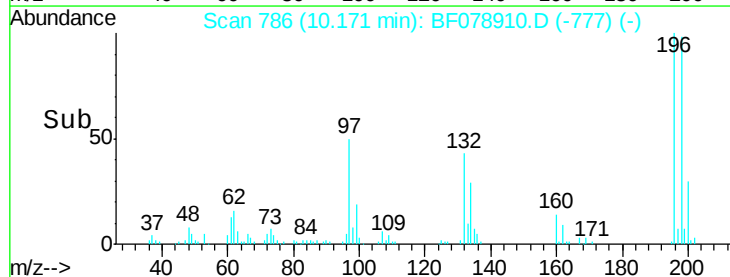
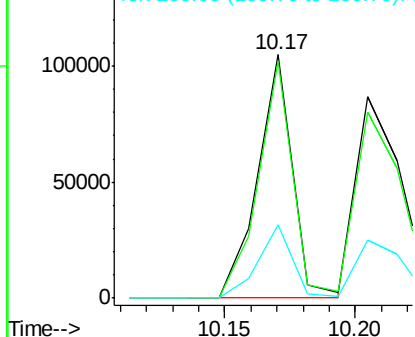


#42
 2,4,6-Trichlorophenol
 Concen: 35.45 ng
 RT: 10.17 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion:196 Resp: 98270
 Ion Ratio Lower Upper
 196 100
 198 97.6 80.5 120.7
 200 30.2 24.9 37.3



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

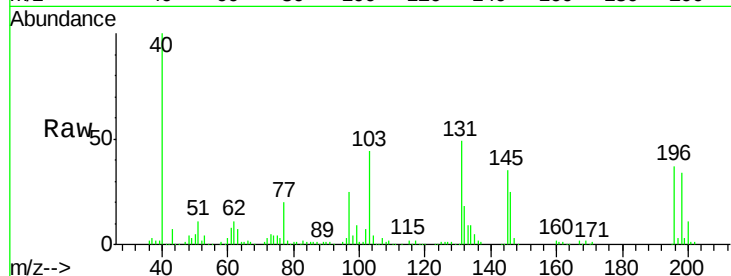




#43
 2,4,5-Trichlorophenol
 Concen: 36.51 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	79.8	119.6
97	67.8	46.0	69.0
132	47.9	26.6	40.0



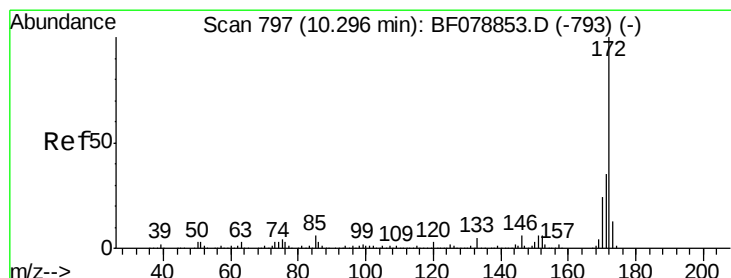
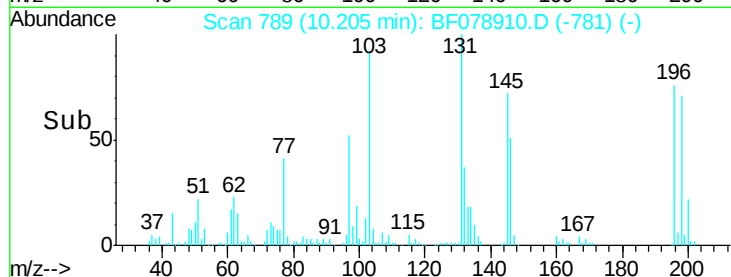
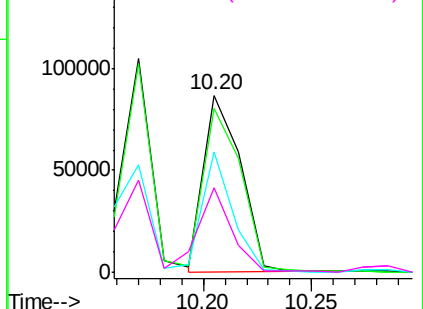
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

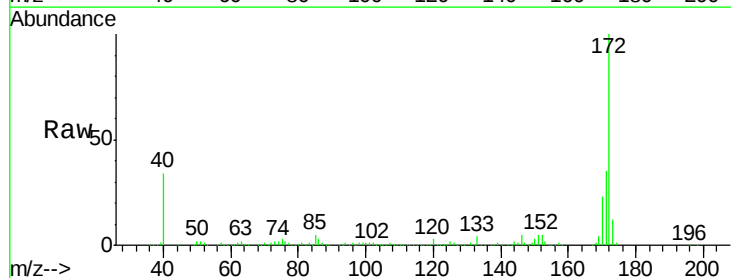
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.37 ng
 RT: 10.28 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	23.2	19.4	29.0

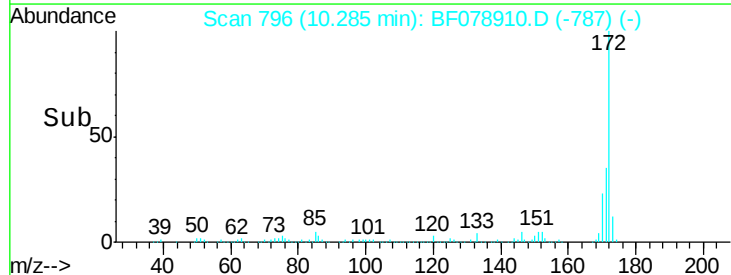
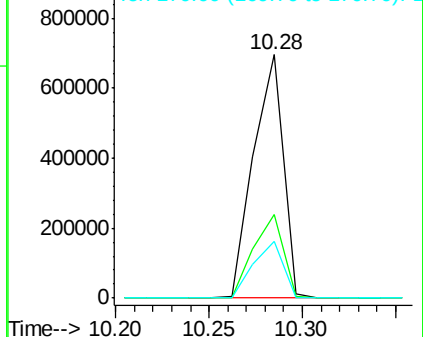


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.72 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampled :

PB83053BS

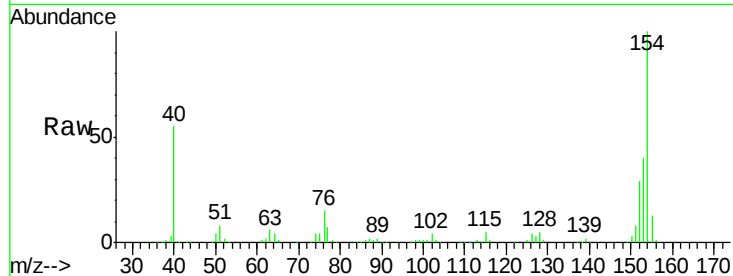
Tgt Ion:154 Resp: 417900

Ion Ratio Lower Upper

154 100

153 39.7 19.9 59.9

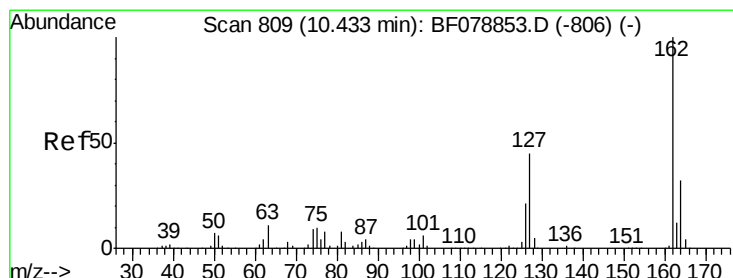
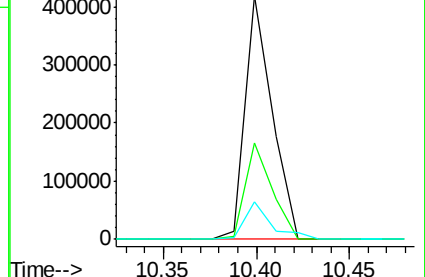
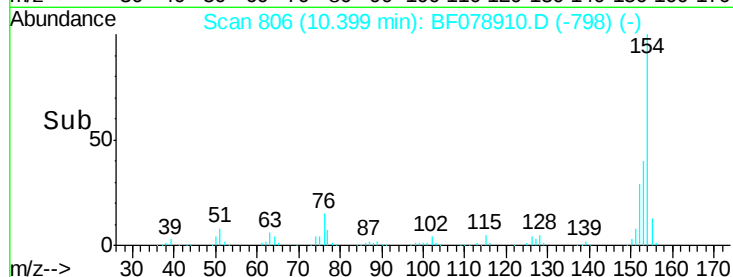
76 15.4 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.85 ng

RT: 10.42 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

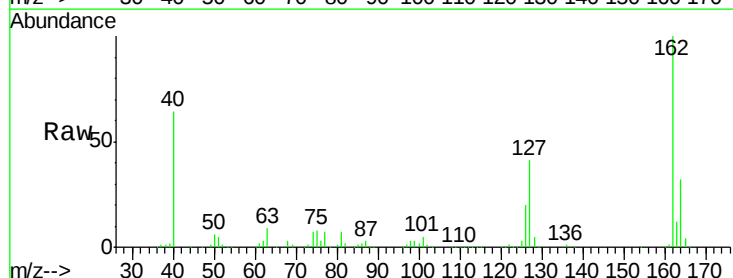
Tgt Ion:162 Resp: 327158

Ion Ratio Lower Upper

162 100

127 40.6 33.9 50.9

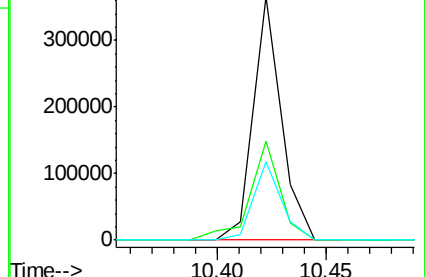
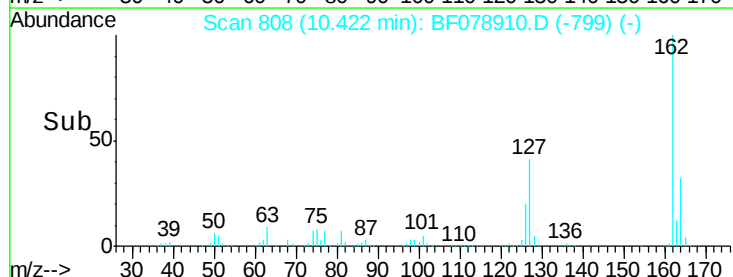
164 32.4 26.3 39.5

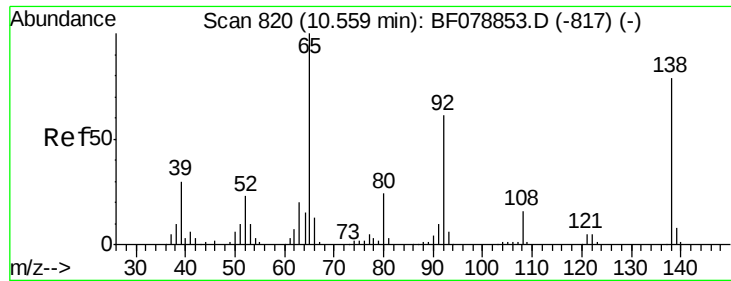


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

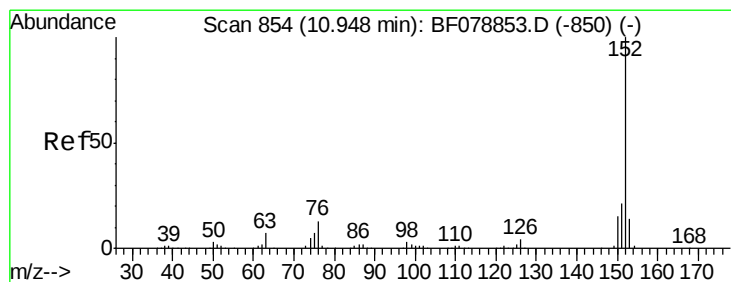
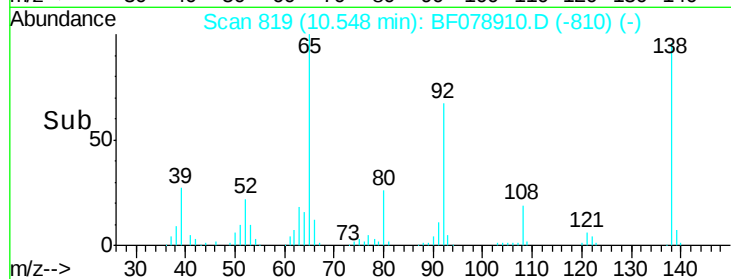
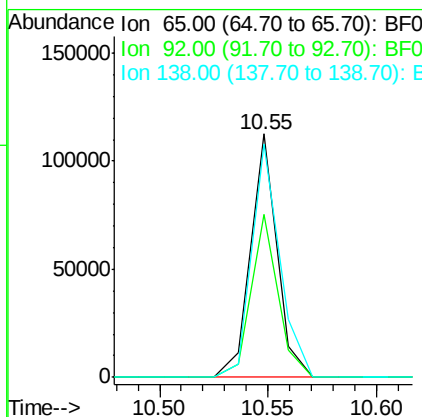
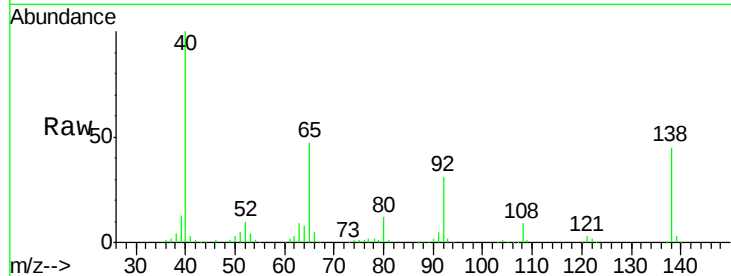




#47
 2-Nitroaniline
 Concen: 37.04 ng
 RT: 10.55 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

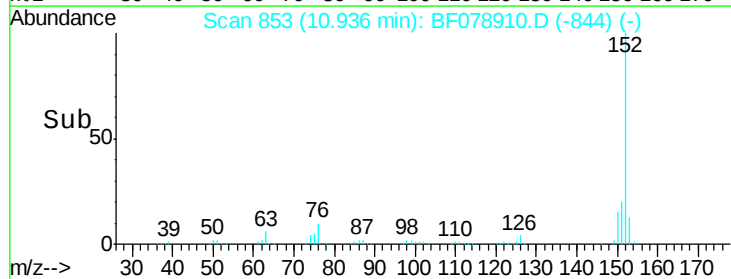
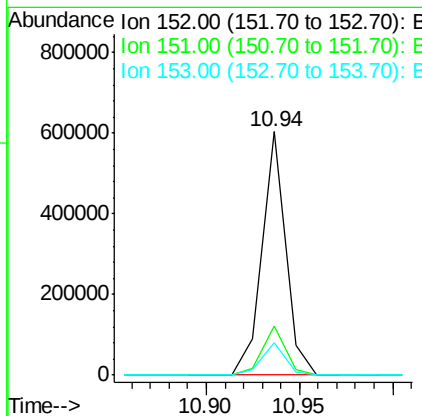
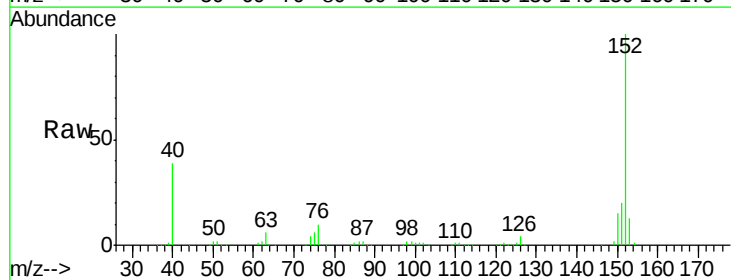
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

Tgt Ion: 65 Resp: 95282
 Ion Ratio Lower Upper
 65 100
 92 67.1 54.0 81.0
 138 95.9 75.0 112.6



#48
 Acenaphthylene
 Concen: 36.31 ng
 RT: 10.94 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion: 152 Resp: 529210
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.2 24.4
 153 13.3 10.9 16.3

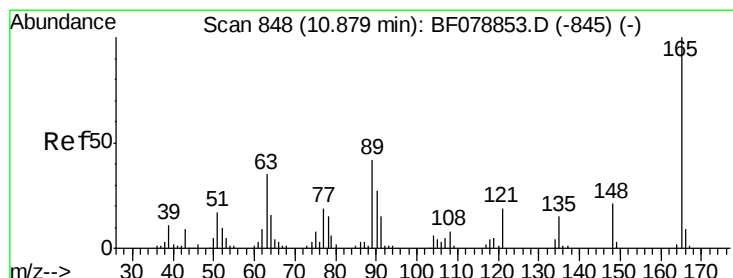
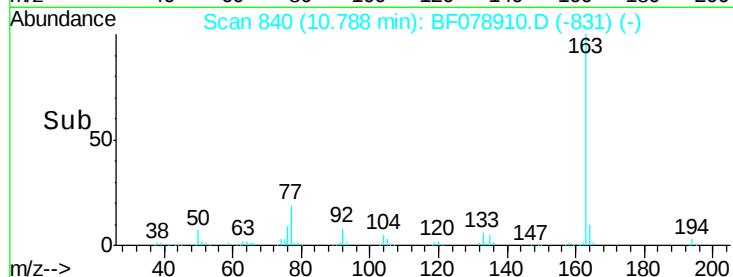
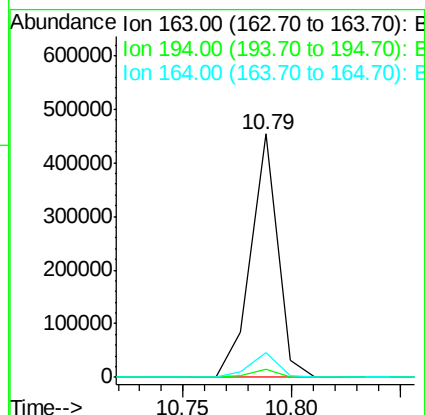
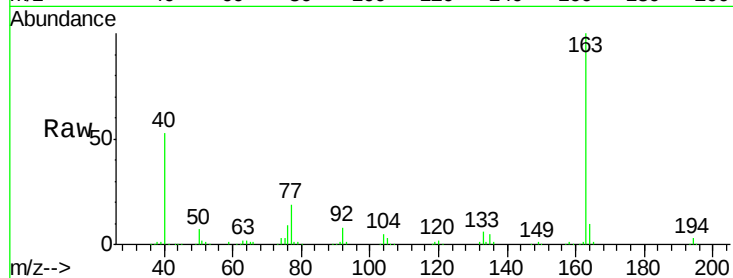




#49
Dimethylphthalate
Concen: 37.12 ng
RT: 10.79 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

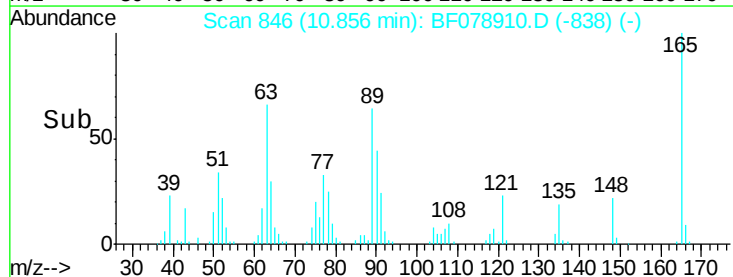
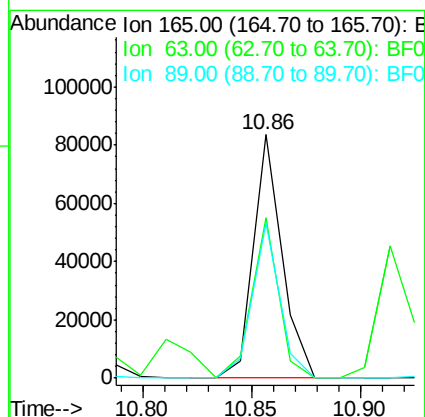
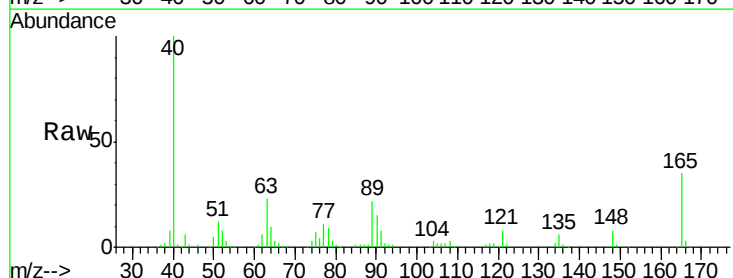
Instrument :
BNA_F
ClientSampleId :
PB83053BS

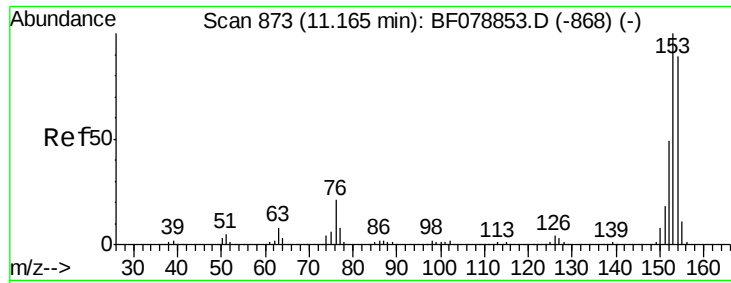
Tgt Ion:163 Resp: 389994
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 36.72 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

Tgt Ion:165 Resp: 76149
Ion Ratio Lower Upper
165 100
63 65.7 54.4 81.6
89 64.0 55.7 83.5





#51

Acenaphthene

Concen: 35.74 ng

RT: 11.15 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

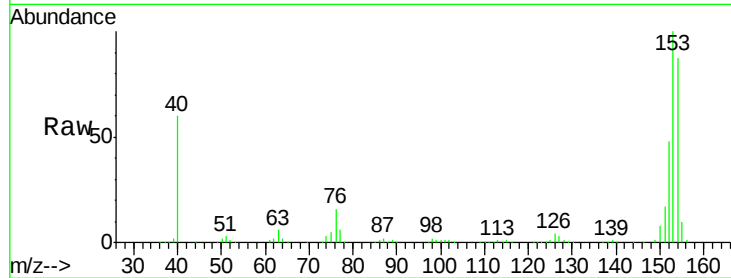
Tgt Ion:154 Resp: 310658

Ion Ratio Lower Upper

154 100

153 115.4 91.5 137.3

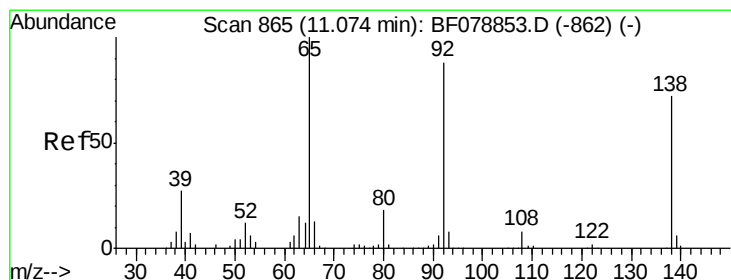
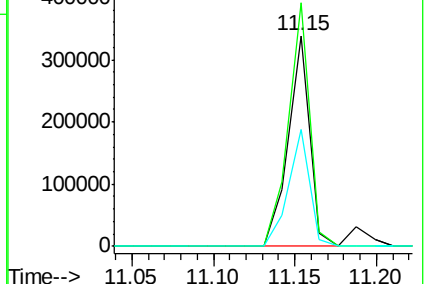
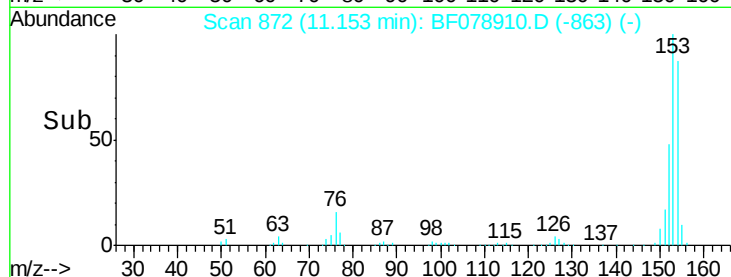
152 55.3 44.2 66.4



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: 25.79 ng

RT: 11.06 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

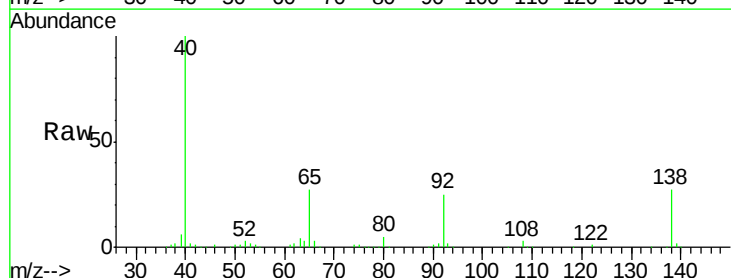
Tgt Ion:138 Resp: 66807

Ion Ratio Lower Upper

138 100

108 9.6 10.6 16.0#

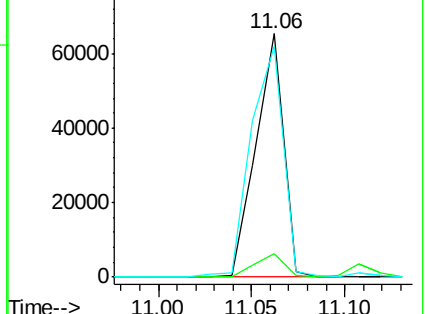
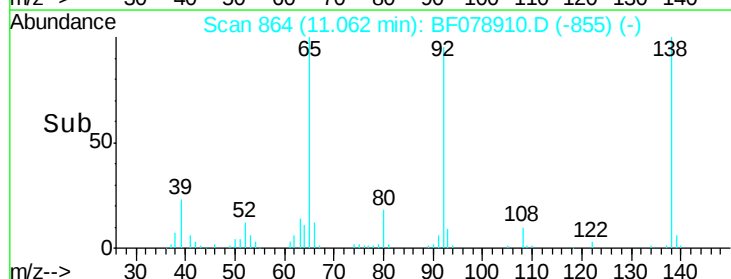
92 94.9 81.8 122.6



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

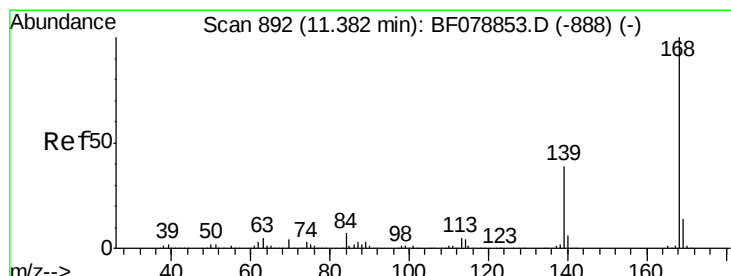
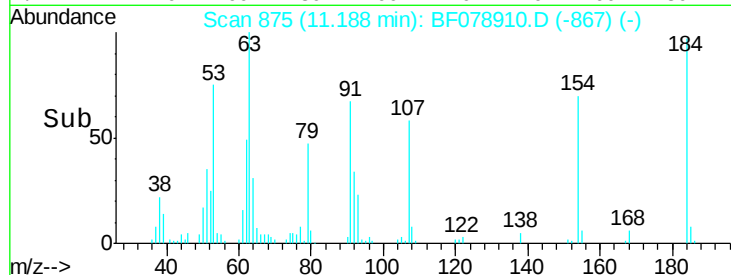
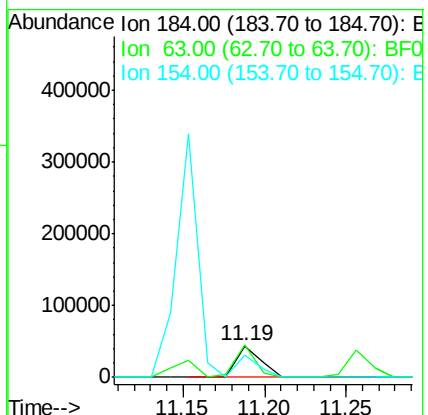
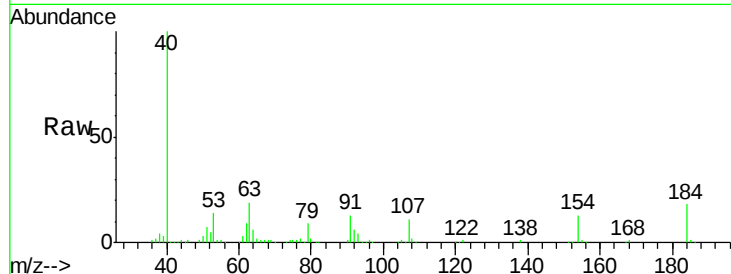




#53
2,4-Dinitrophenol
Concen: 62.21 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

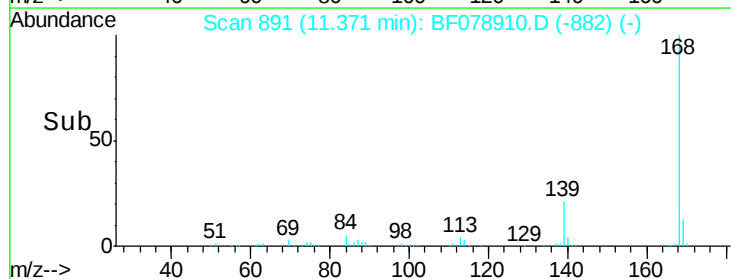
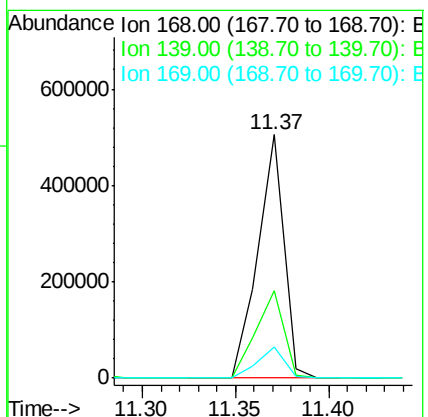
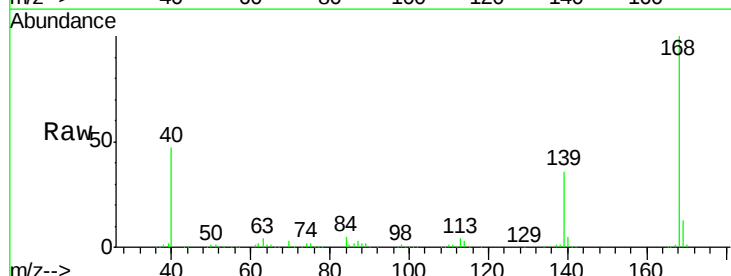
Instrument :
BNA_F
ClientSampleId :
PB83053BS

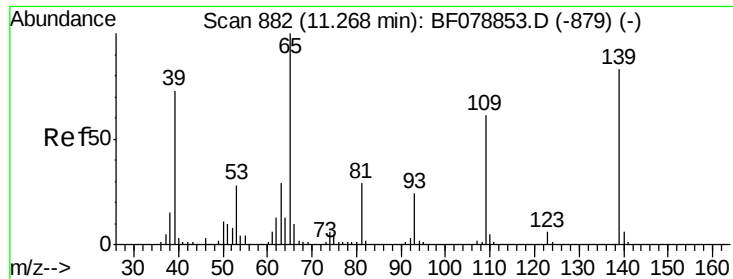
Tgt Ion:184 Resp: 46254
Ion Ratio Lower Upper
184 100
63 103.2 63.3 94.9#
154 72.1 53.8 80.6



#54
Dibenzofuran
Concen: 38.79 ng
RT: 11.37 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

Tgt Ion:168 Resp: 487052
Ion Ratio Lower Upper
168 100
139 35.7 31.0 46.4
169 13.0 10.6 16.0

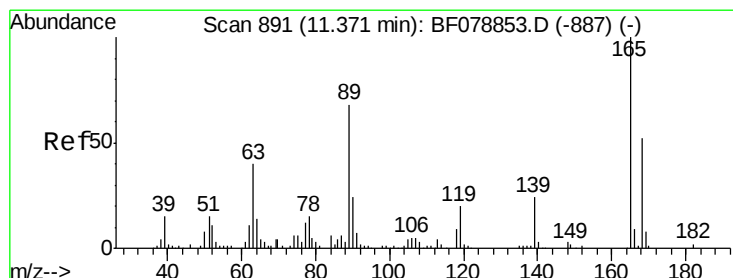
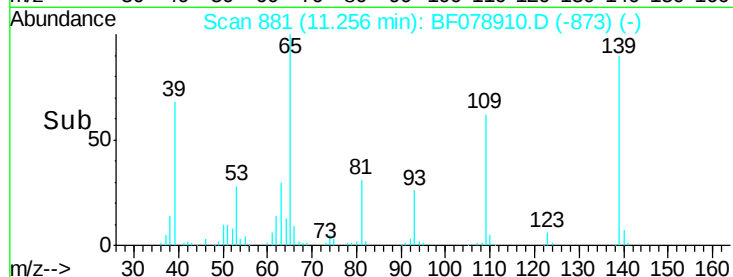
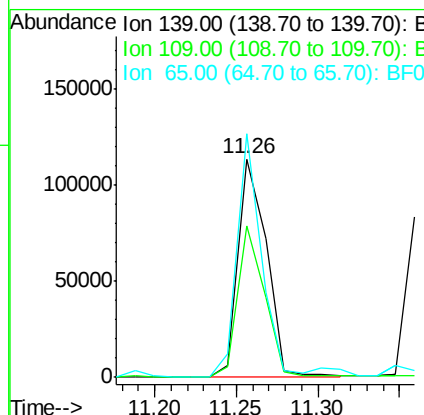
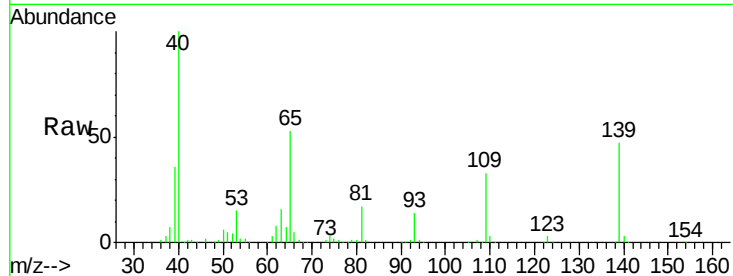




#55
4-Nitrophenol
Concen: 66.74 ng
RT: 11.26 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

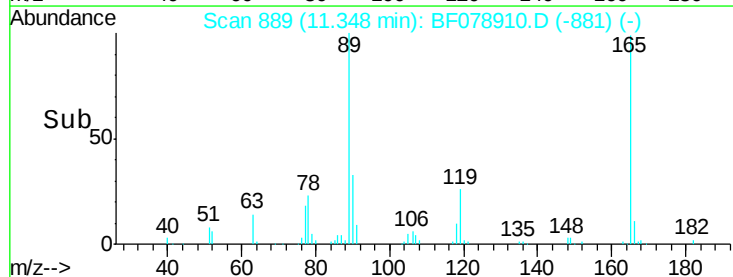
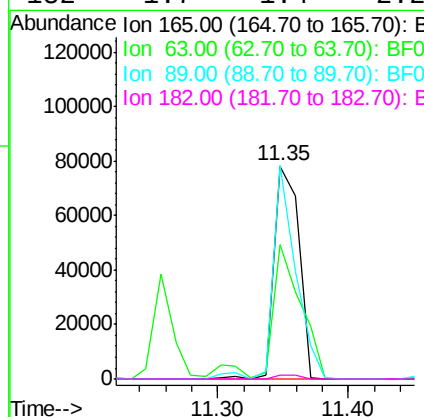
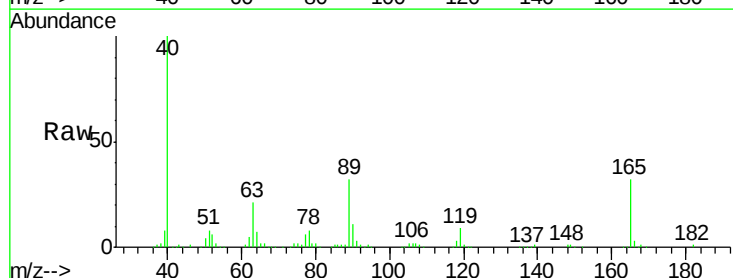
Instrument :
BNA_F
ClientSampleId :
PB83053BS

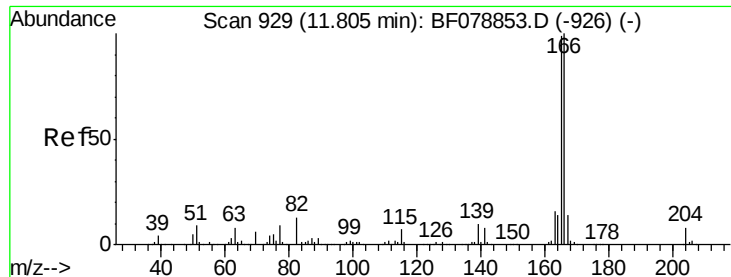
Tgt Ion:139 Resp: 136824
Ion Ratio Lower Upper
139 100
109 69.3 47.6 87.6
65 111.4 54.3 94.3#



#56
2,4-Dinitrotoluene
Concen: 37.09 ng
RT: 11.35 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

Tgt Ion:165 Resp: 101674
Ion Ratio Lower Upper
165 100
63 63.5 51.2 76.8
89 100.5 82.7 124.1
182 1.7 1.4 2.2

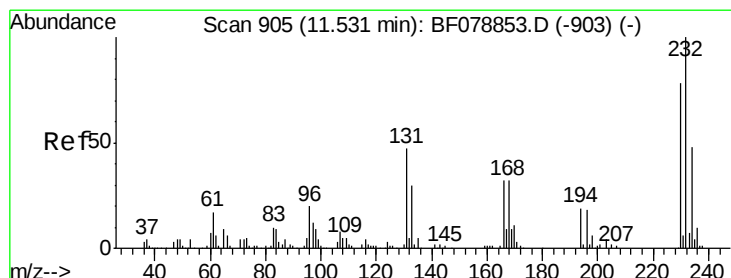
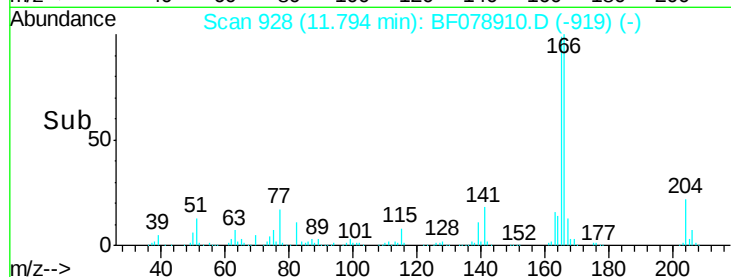
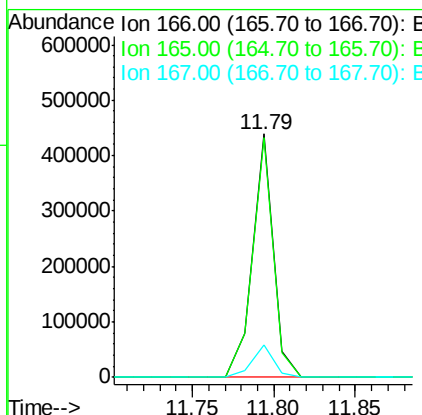
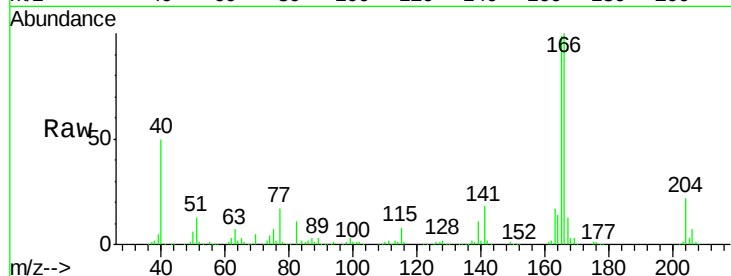




#57
 Fluorene
 Concen: 37.63 ng
 RT: 11.79 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

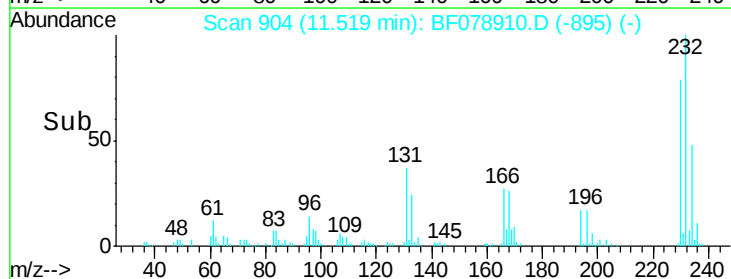
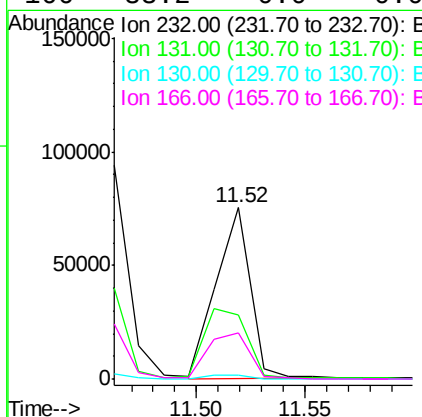
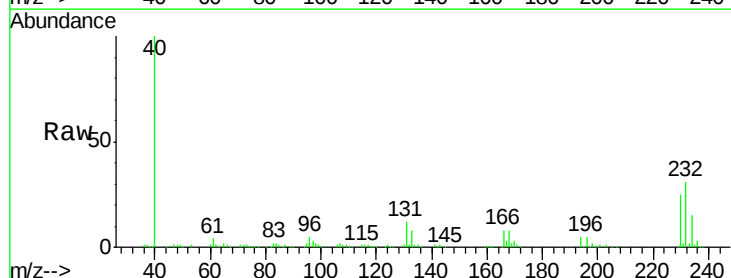
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

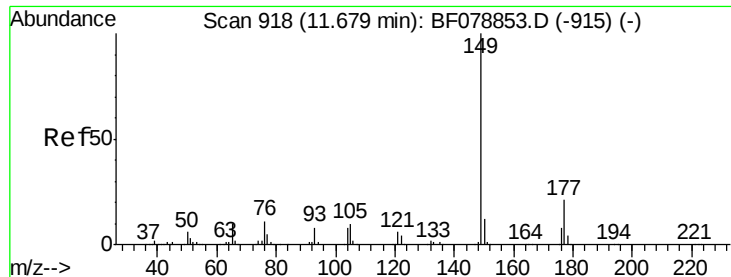
Tgt Ion:166 Resp: 387742
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.5 117.7
 167 13.3 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.08 ng
 RT: 11.52 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion:232 Resp: 82620
 Ion Ratio Lower Upper
 232 100
 131 51.1 0.0 0.0#
 130 2.4 0.0 0.0#
 166 33.2 0.0 0.0#

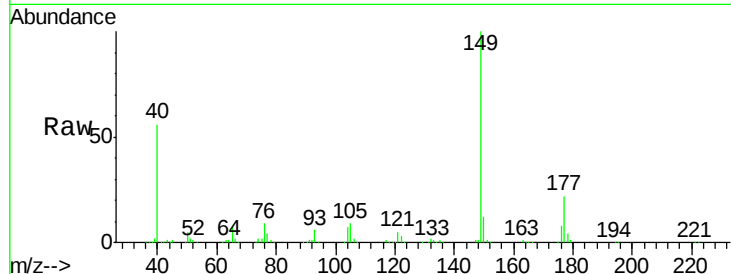




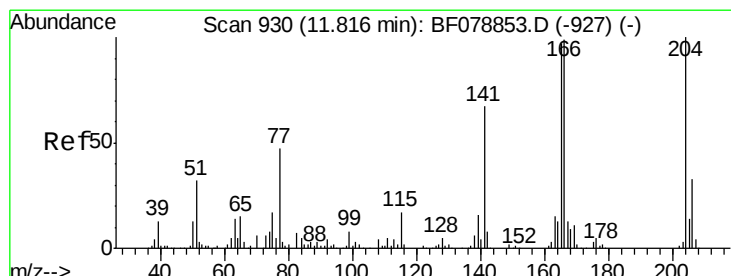
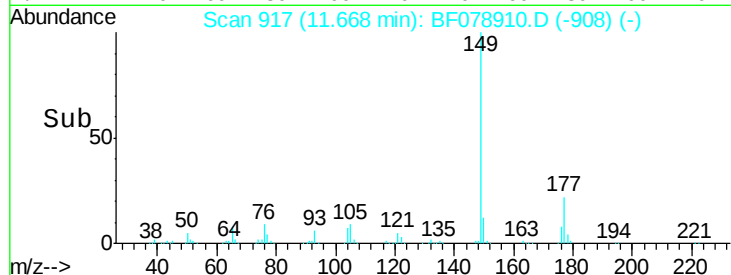
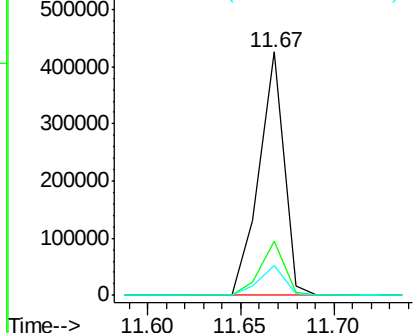
#59
Diethylphthalate
Concen: 37.76 ng
RT: 11.67 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

Instrument :
BNA_F
ClientSampled :
PB83053BS

Tgt Ion:149 Resp: 393069
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.5 9.6 14.4

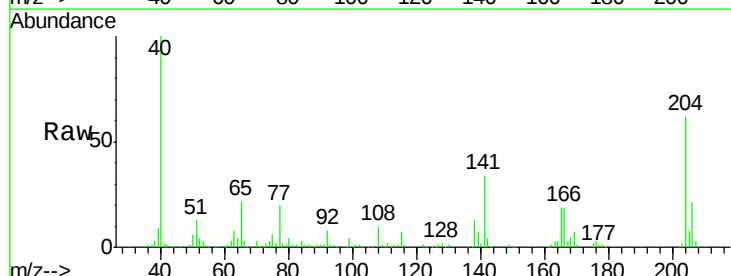


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

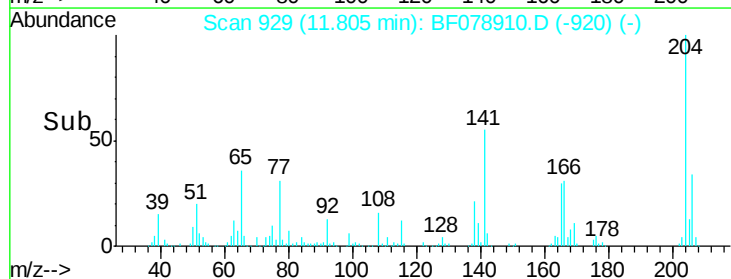
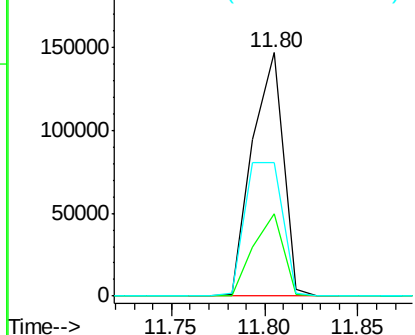


#60
4-Chlorophenyl-phenylether
Concen: 37.04 ng
RT: 11.80 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

Tgt Ion:204 Resp: 169346
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 54.6 48.3 72.5



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

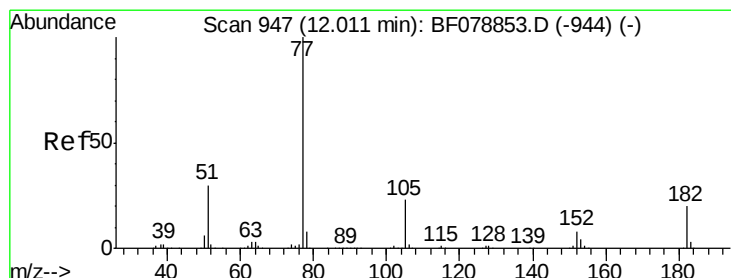
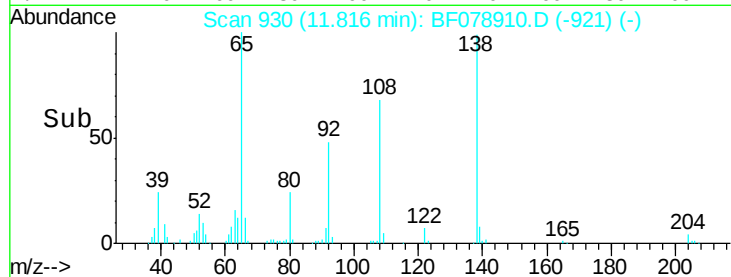
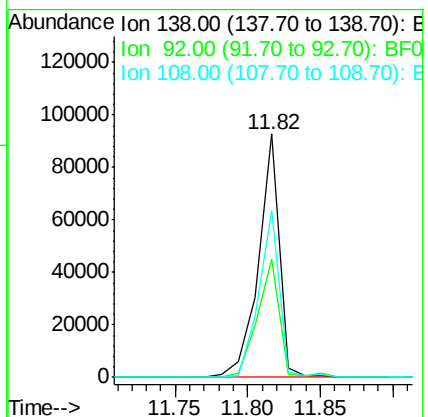
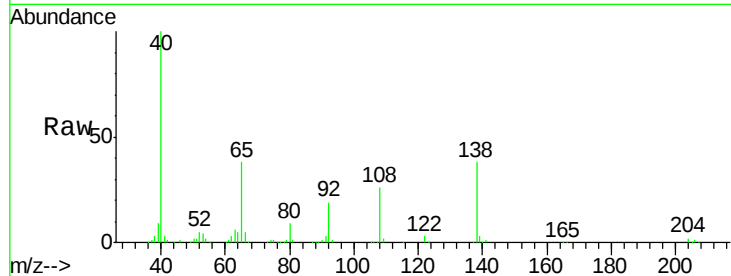




#61
4-Nitroaniline
Concen: 35.71 ng
RT: 11.82 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

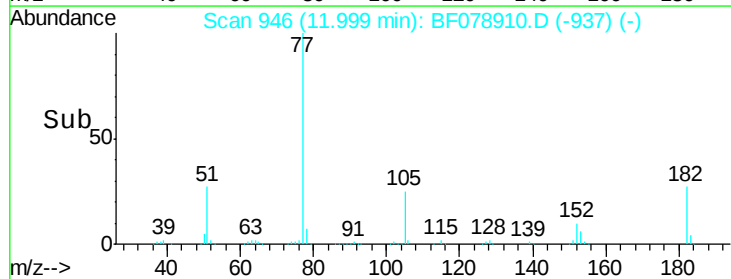
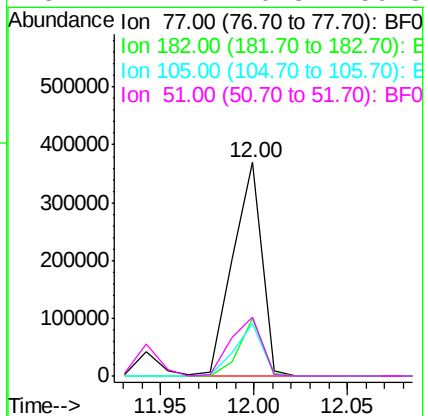
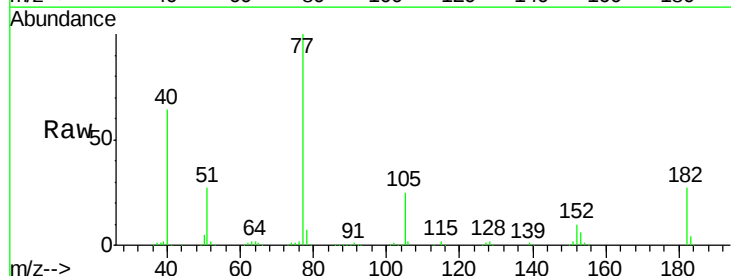
Instrument :
BNA_F
ClientSampleId :
PB83053BS

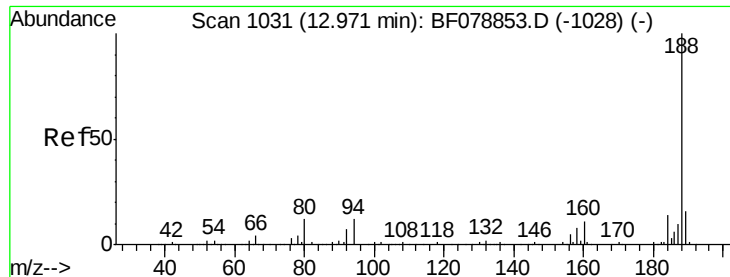
Tgt Ion:138 Resp: 92535
Ion Ratio Lower Upper
138 100
92 48.8 28.0 68.0
108 68.5 56.3 96.3



#62
Azobenzene
Concen: 39.26 ng
RT: 12.00 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

Tgt Ion: 77 Resp: 402726
Ion Ratio Lower Upper
77 100
182 26.9 3.8 43.8
105 24.8 3.9 43.9
51 27.4 10.8 50.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.96 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

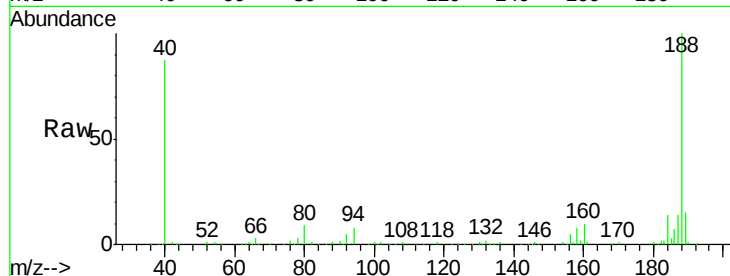
Tgt Ion:188 Resp: 279858

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

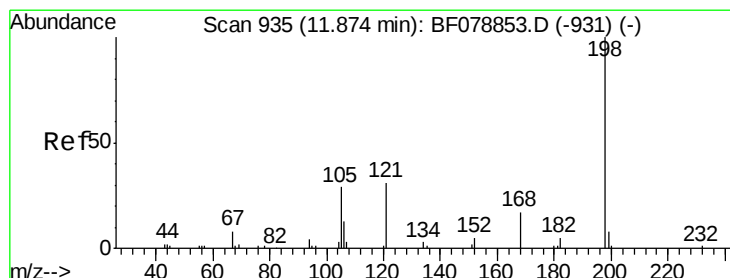
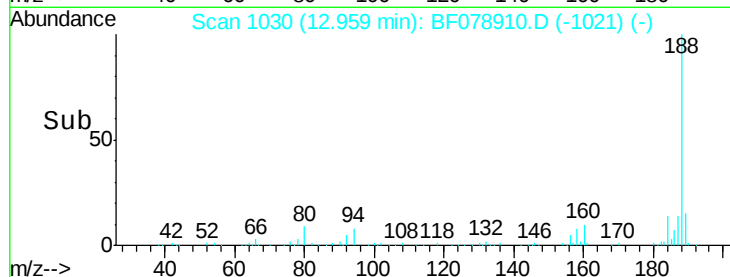
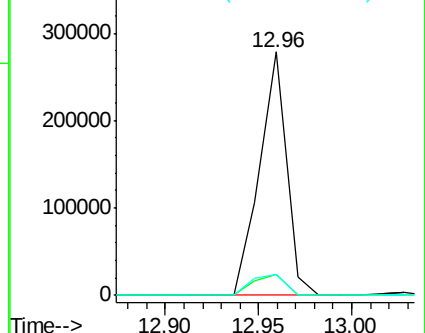
80 8.7 8.9 13.3#



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: 33.77 ng

RT: 11.85 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

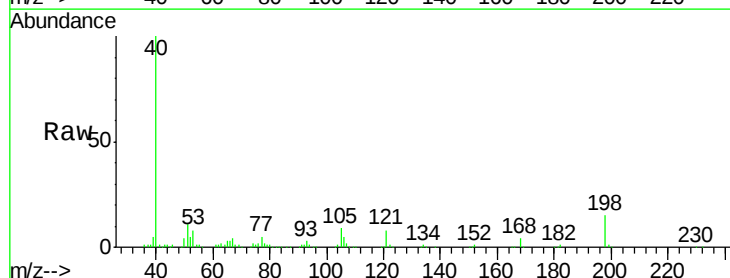
Tgt Ion:198 Resp: 34573

Ion Ratio Lower Upper

198 100

51 71.5 47.3 87.3

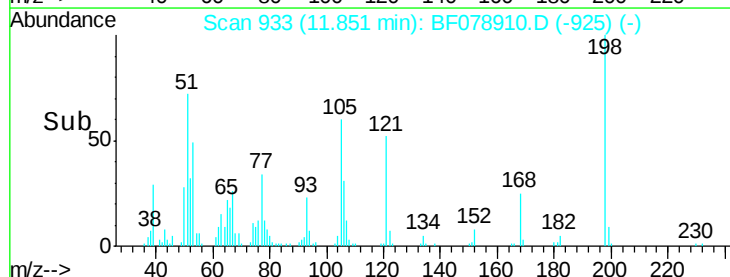
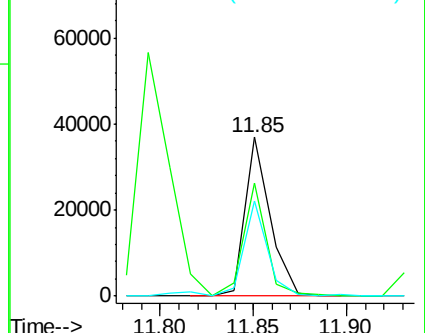
105 60.4 38.8 78.8

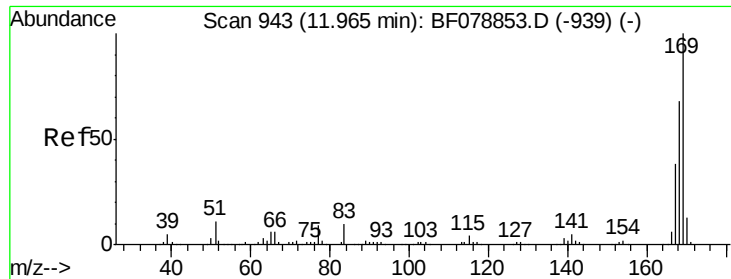


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

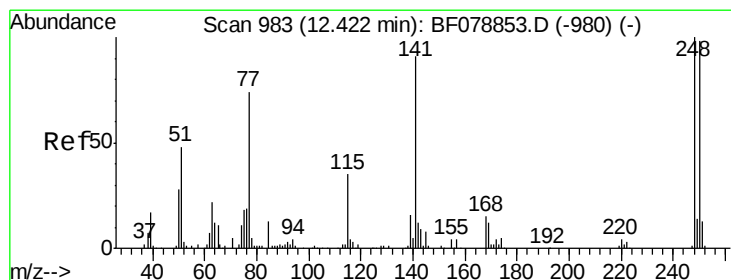
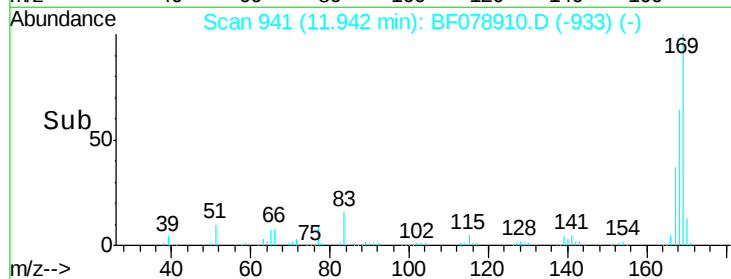
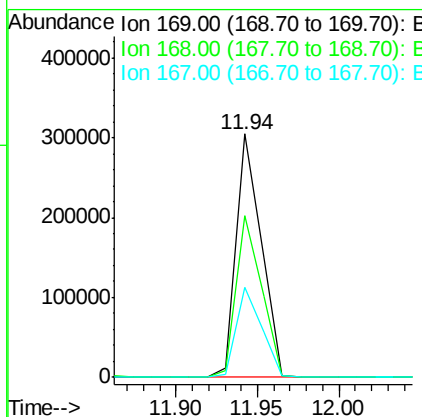
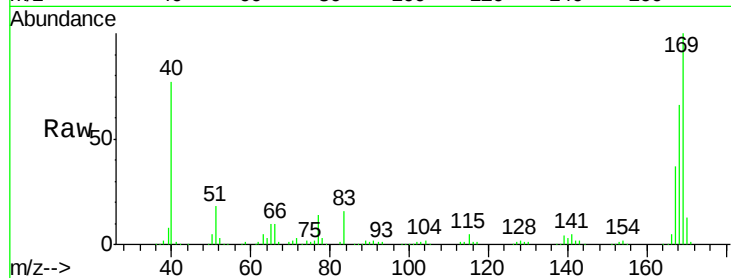




#65
 n-Nitrosodiphenylamine
 Concen: 34.52 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

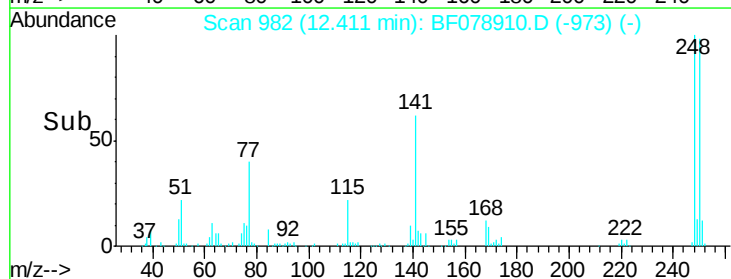
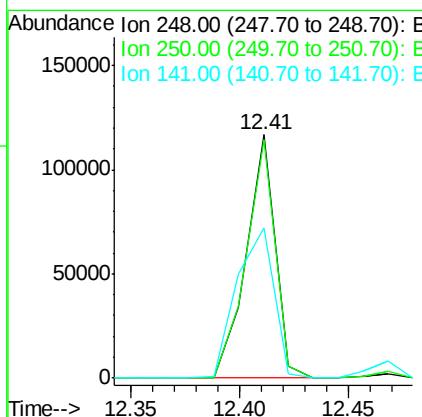
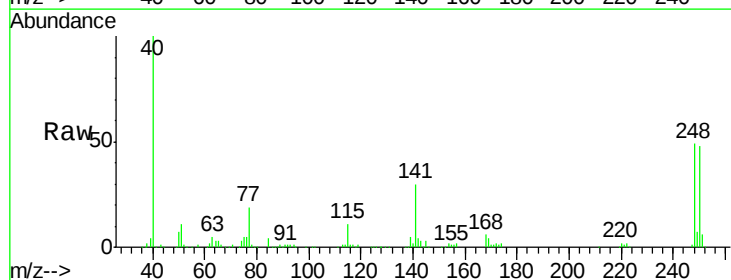
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

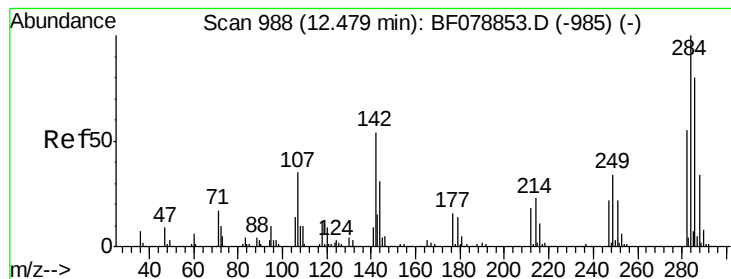
Tgt Ion:169 Resp: 321687
 Ion Ratio Lower Upper
 169 100
 168 66.3 54.6 82.0
 167 36.7 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 36.77 ng
 RT: 12.41 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion:248 Resp: 107264
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.1 115.7
 141 61.5 58.8 88.2





#67

Hexachlorobenzene

Concen: 35.38 ng

RT: 12.47 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

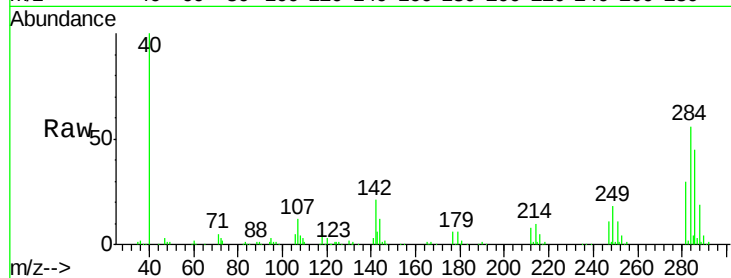
Tgt Ion:284 Resp: 117963

Ion Ratio Lower Upper

284 100

142 36.9 35.2 52.8

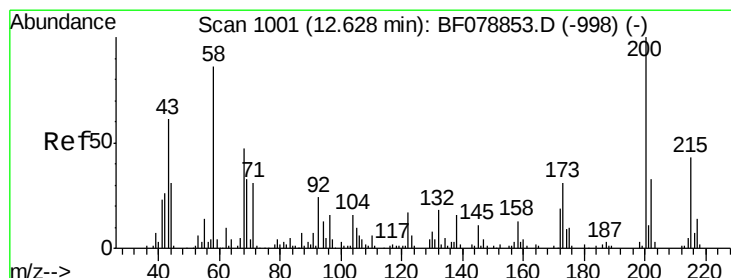
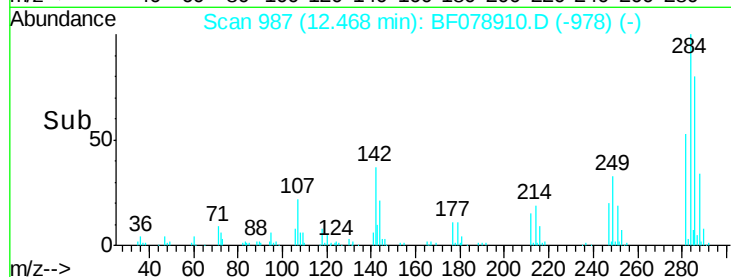
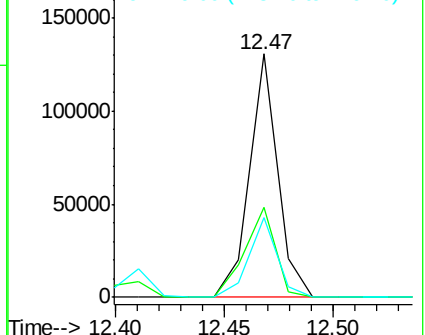
249 32.6 25.4 38.2



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: 37.00 ng

RT: 12.62 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

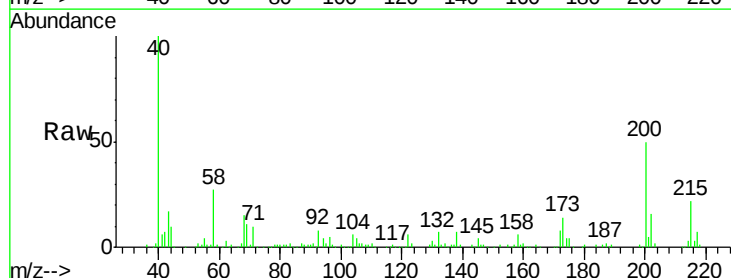
Tgt Ion:200 Resp: 100269

Ion Ratio Lower Upper

200 100

173 27.8 8.1 48.1

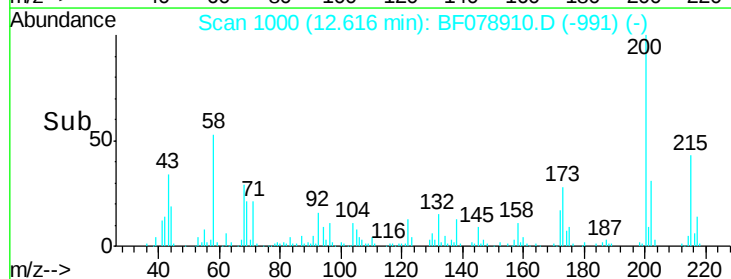
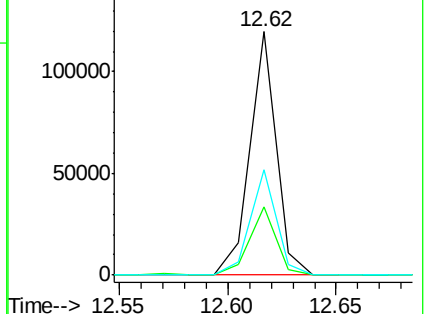
215 43.3 22.9 62.9



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

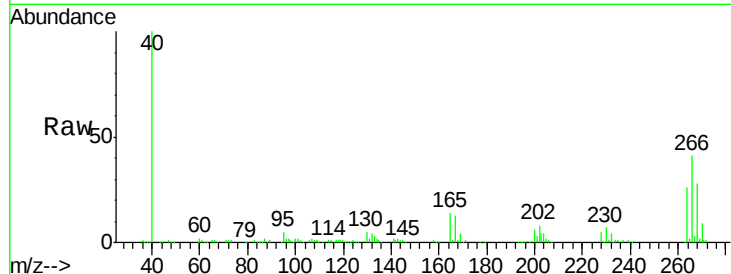




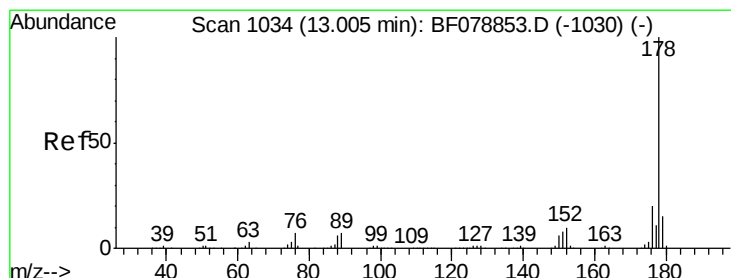
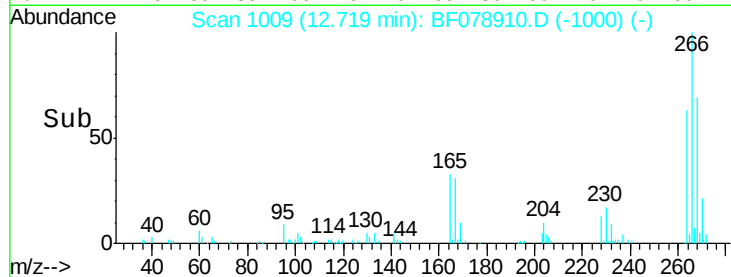
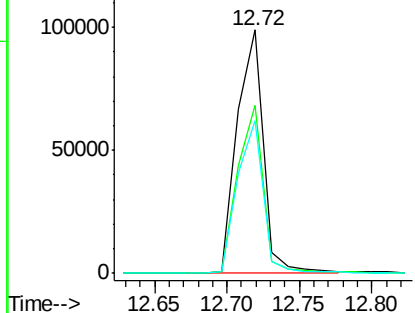
#69
 Pentachlorophenol
 Concen: 65.04 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.0	55.0	82.6
264	62.5	48.2	72.2

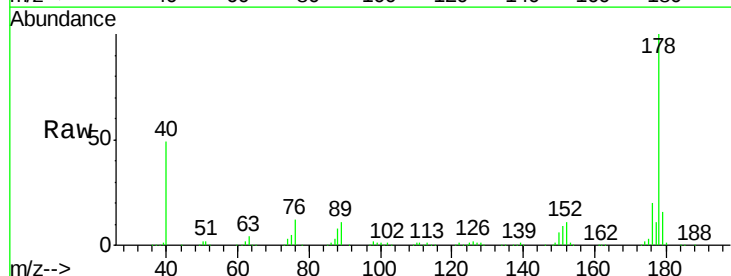


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

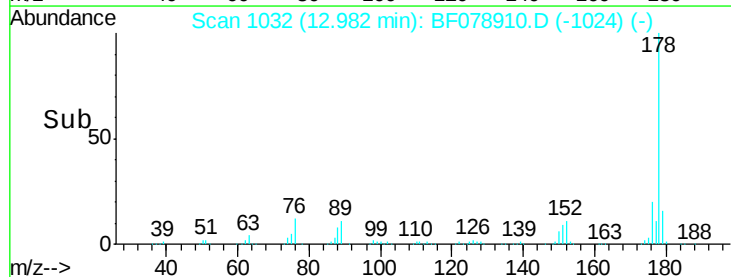
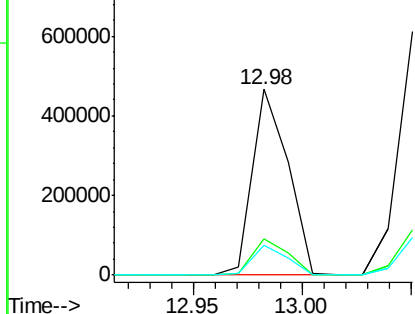


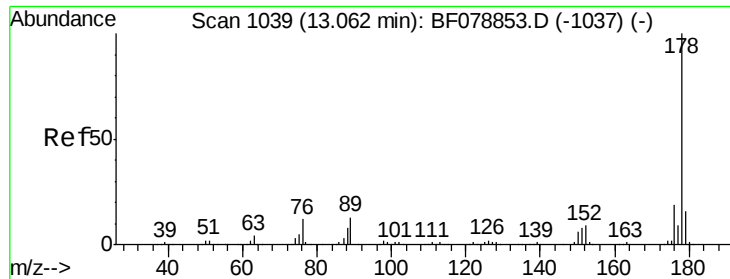
#70
 Phenanthrene
 Concen: 33.95 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.8	12.5	18.7



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

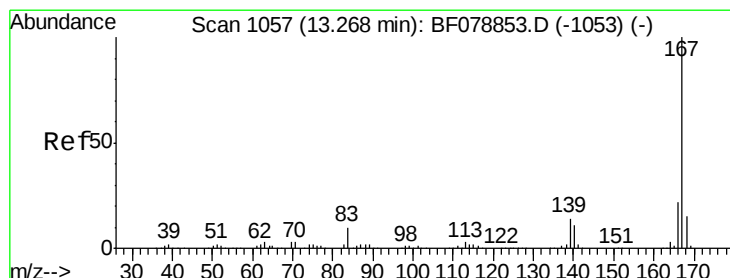
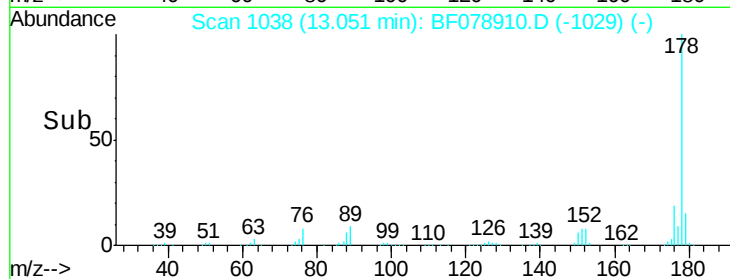
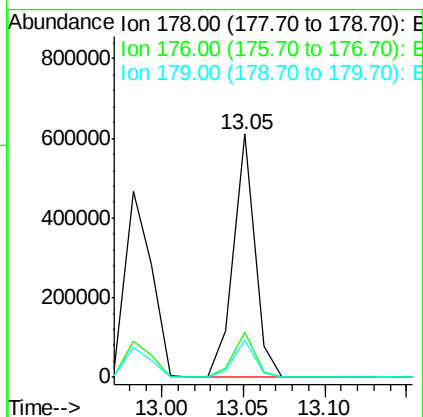
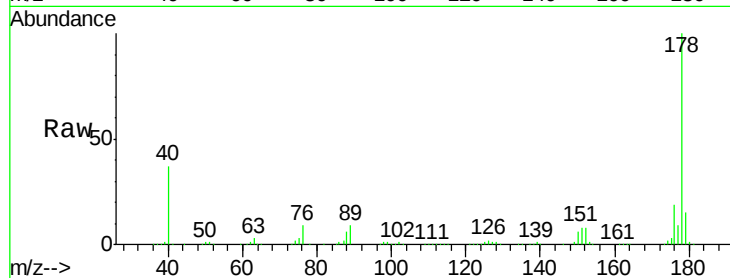




#71
 Anthracene
 Concen: 36.12 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

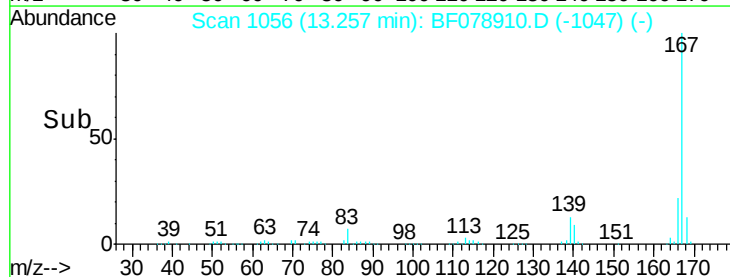
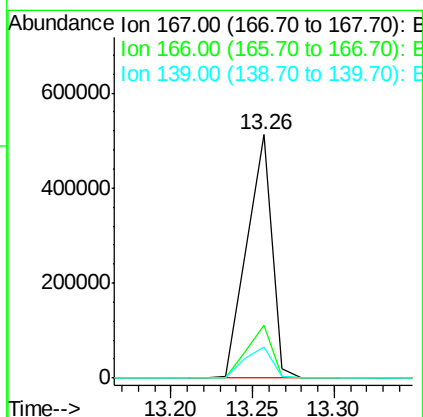
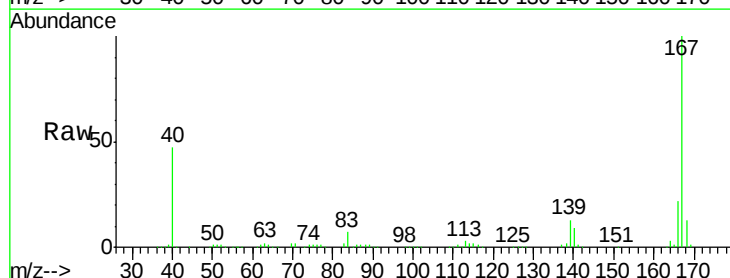
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

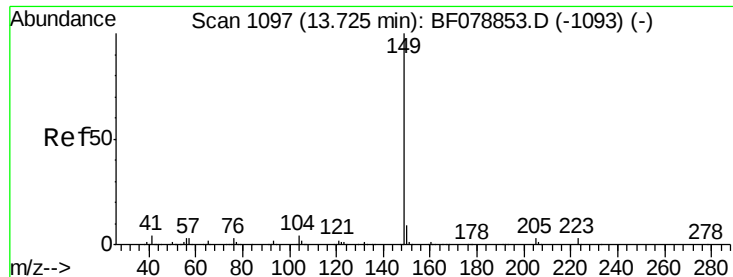
Tgt Ion:178 Resp: 554845
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.5 23.3
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 37.27 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion:167 Resp: 545567
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 12.6 10.6 16.0





#73

Di-n-butylphthalate

Concen: 35.41 ng

RT: 13.70 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

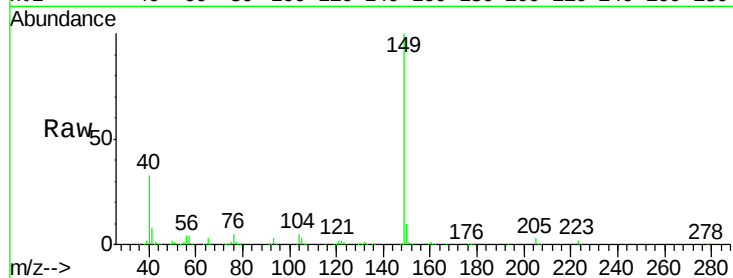
Tgt Ion:149 Resp: 621604

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

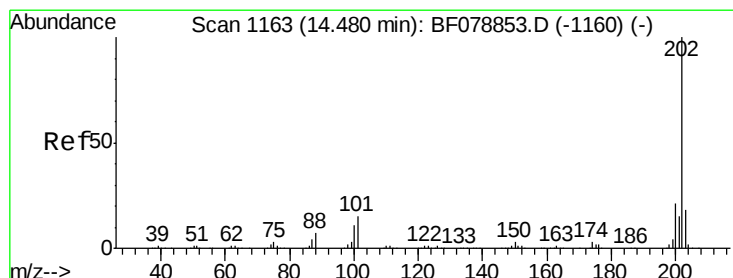
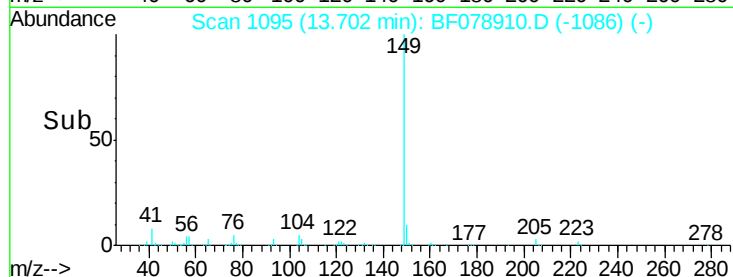
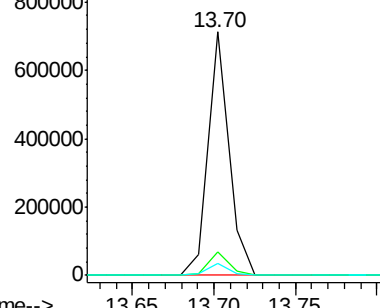
104 5.0 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.20 ng

RT: 14.47 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

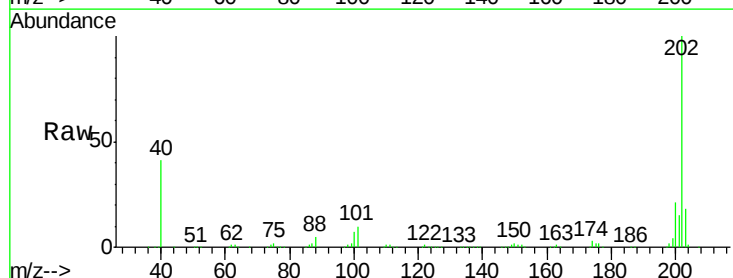
Tgt Ion:202 Resp: 590503

Ion Ratio Lower Upper

202 100

101 9.6 0.0 34.6

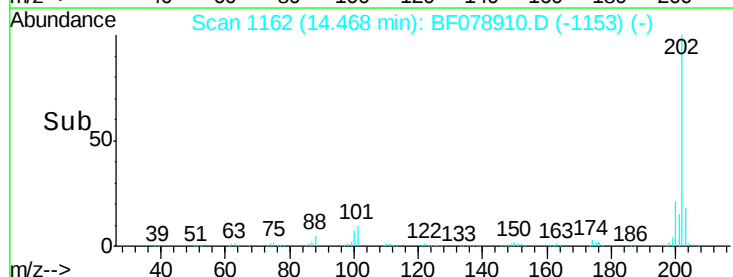
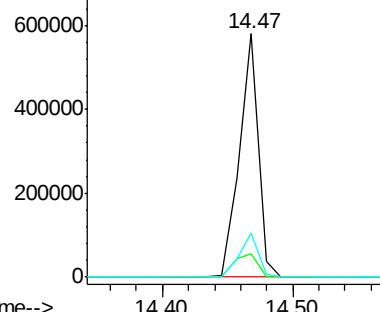
203 17.8 0.0 38.4

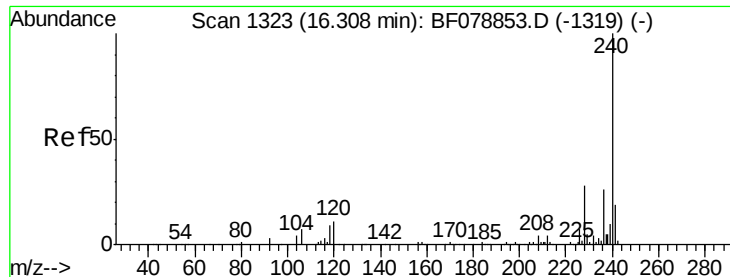


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.27 min Scan# 1320

Delta R.T. -0.05 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

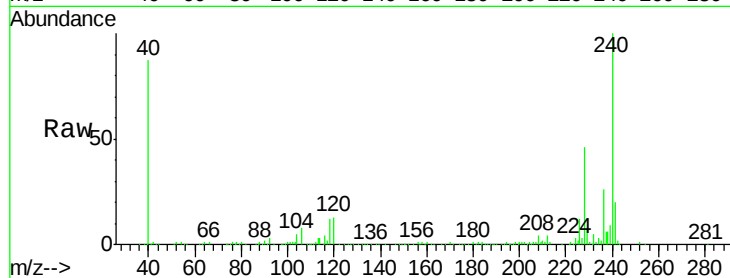
Tgt Ion:240 Resp: 286190

Ion Ratio Lower Upper

240 100

120 12.7 9.7 14.5

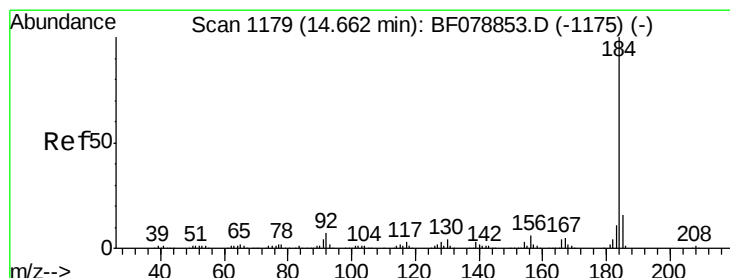
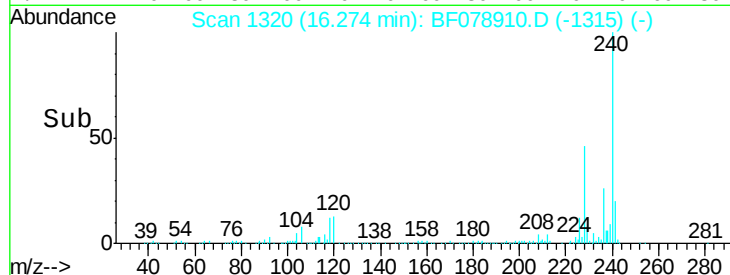
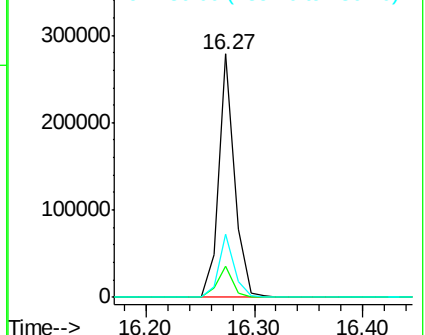
236 25.9 20.2 30.4



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: 23.04 ng

RT: 14.64 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

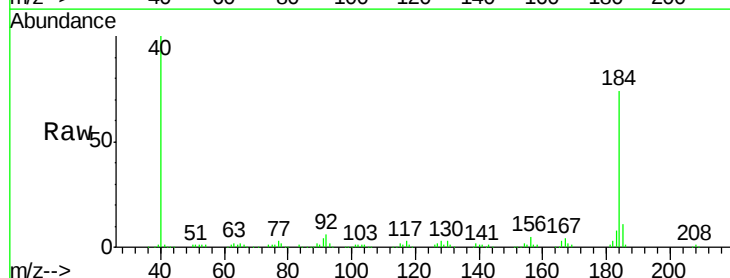
Tgt Ion:184 Resp: 177720

Ion Ratio Lower Upper

184 100

185 15.3 12.3 18.5

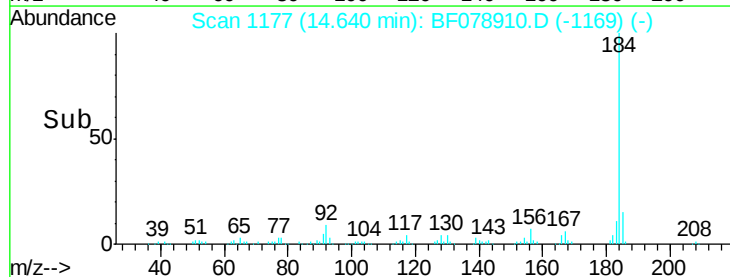
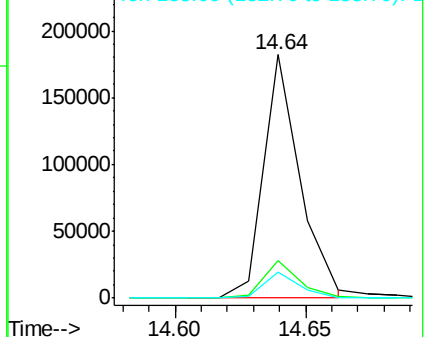
183 10.8 8.4 12.6

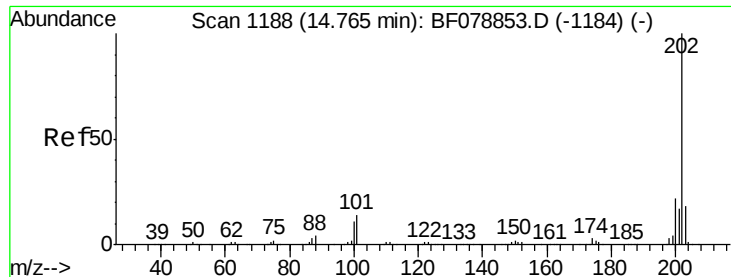


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.13 ng

RT: 14.74 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

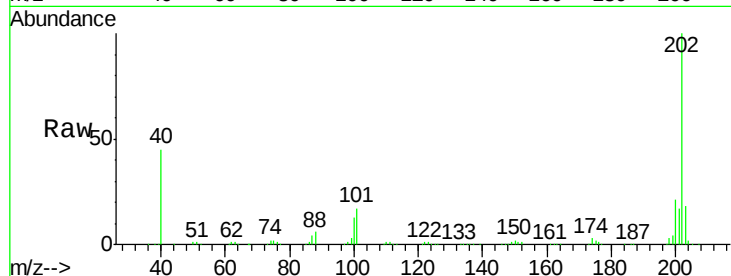
Tgt Ion: 202 Resp: 612413

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

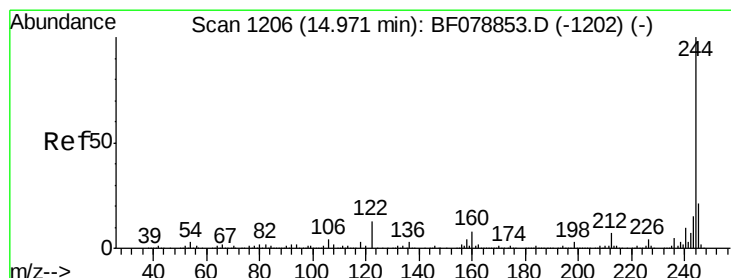
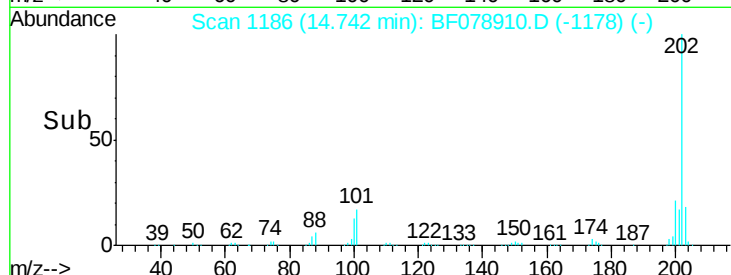
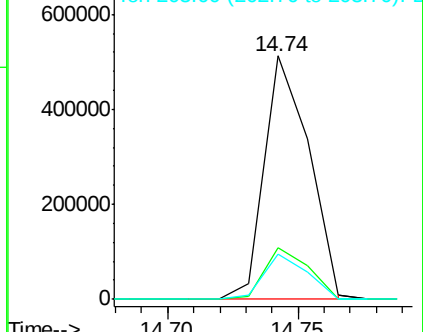
203 18.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.50 ng

RT: 14.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

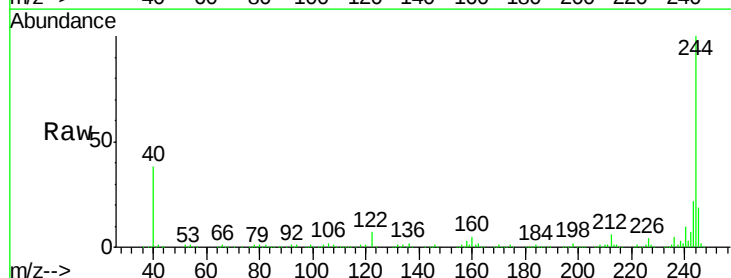
Tgt Ion: 244 Resp: 866602

Ion Ratio Lower Upper

244 100

212 5.9 5.6 8.4

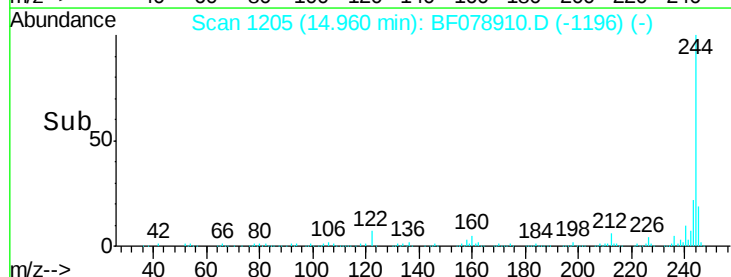
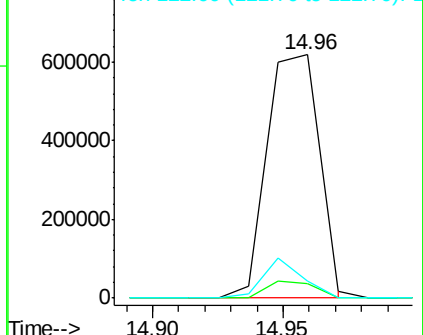
122 7.3 10.3 15.5#

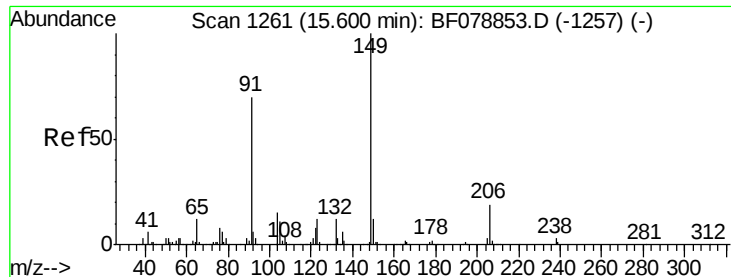


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

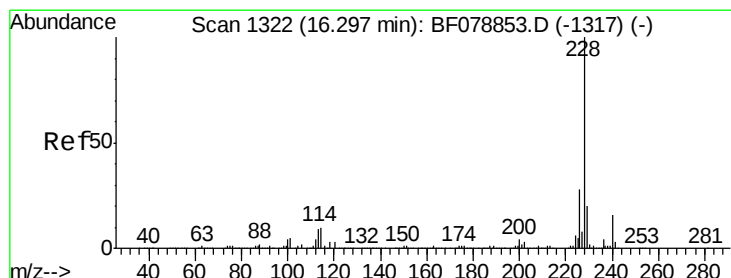
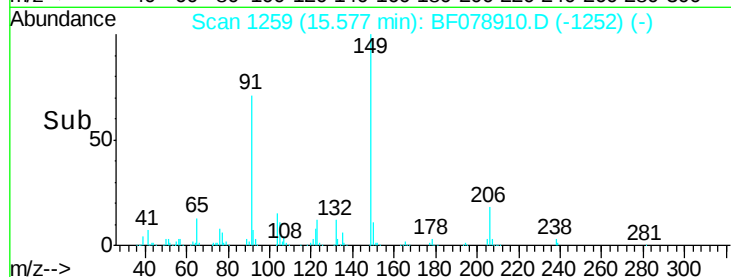
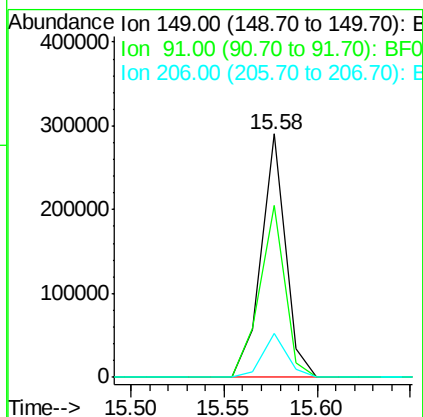
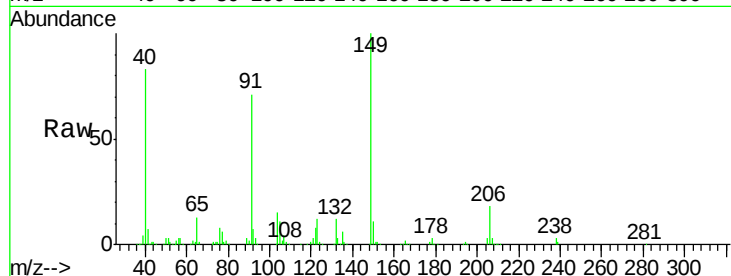




#79
Butylbenzylphthalate
Concen: 36.42 ng
RT: 15.58 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

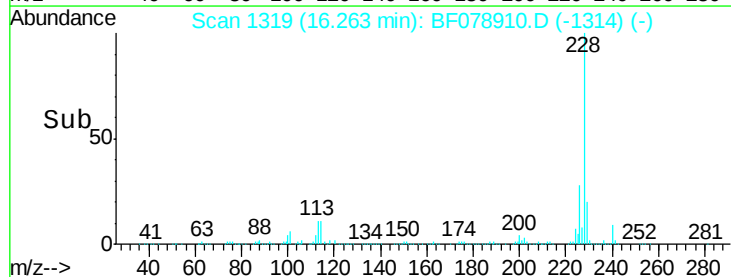
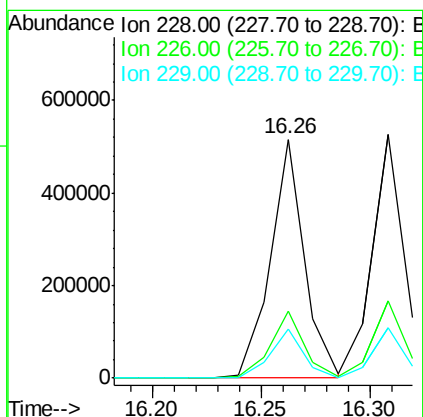
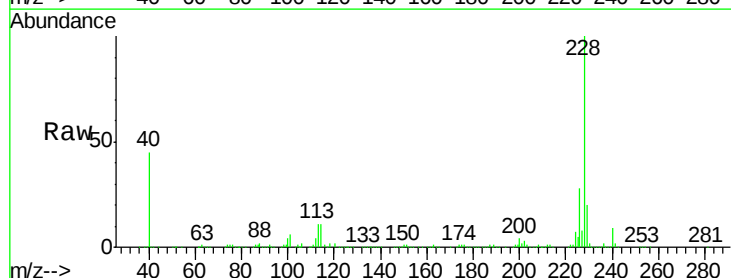
Instrument :
BNA_F
ClientSampleId :
PB83053BS

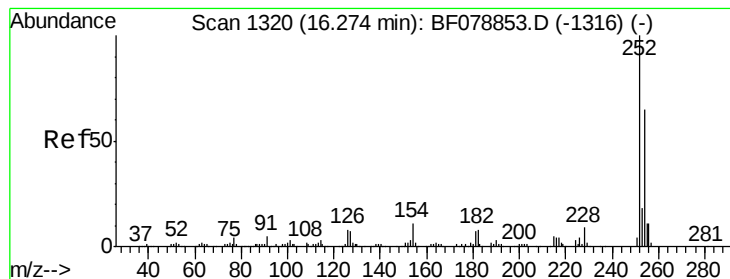
Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.9	64.6	97.0
206	18.1	12.2	18.4



#80
Benzo(a)anthracene
Concen: 36.10 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.05 min
Lab File: BF078910.D
Acq: 4 May 2015 11:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.3	15.9	23.9





#81

3,3'-Dichlorobenzidine

Concen: 26.79 ng

RT: 16.24 min Scan# 1317

Delta R.T. -0.05 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

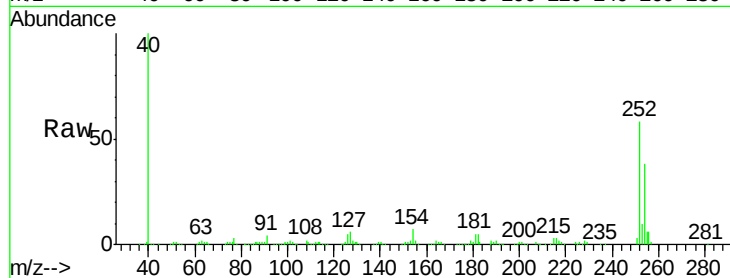
Tgt Ion:252 Resp: 149557

Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

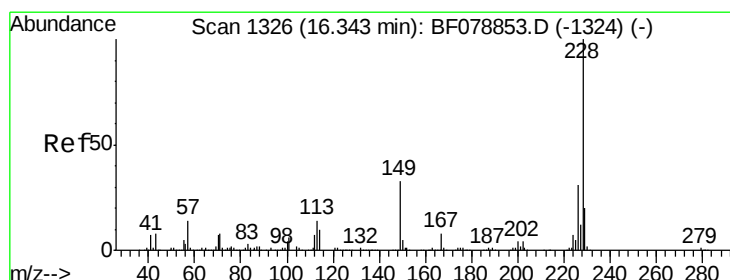
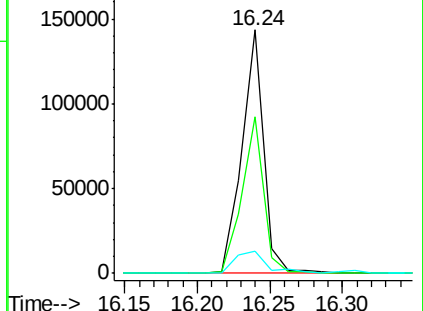
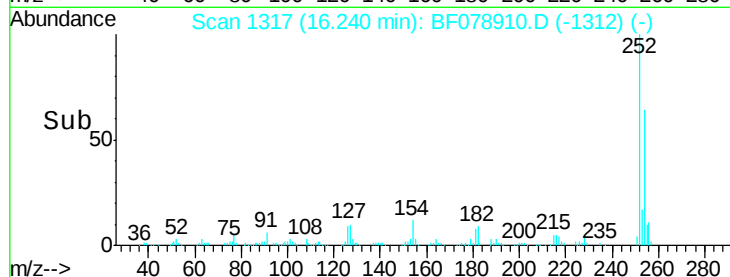
126 9.1 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 35.68 ng

RT: 16.31 min Scan# 1323

Delta R.T. -0.05 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

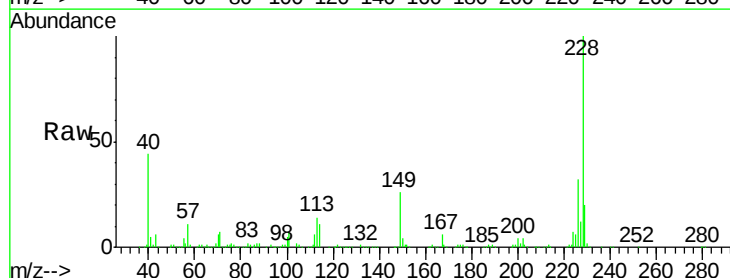
Tgt Ion:228 Resp: 537885

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

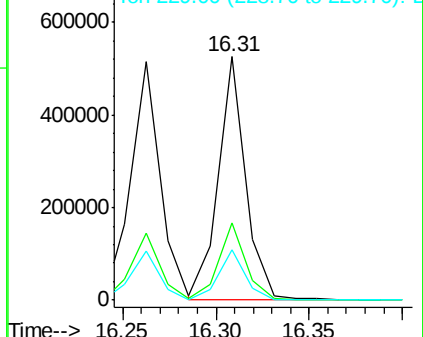
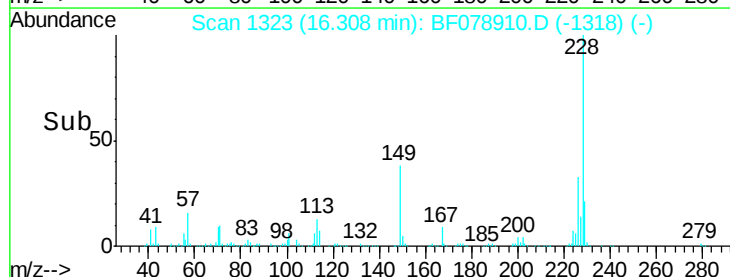
229 20.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

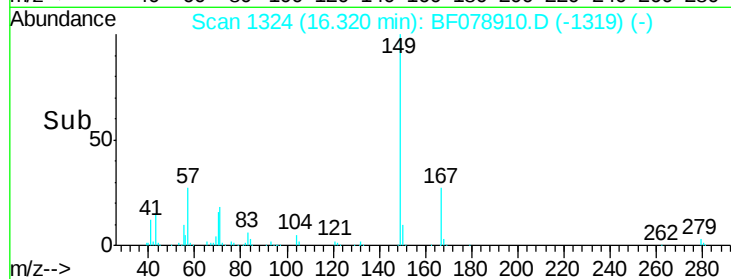
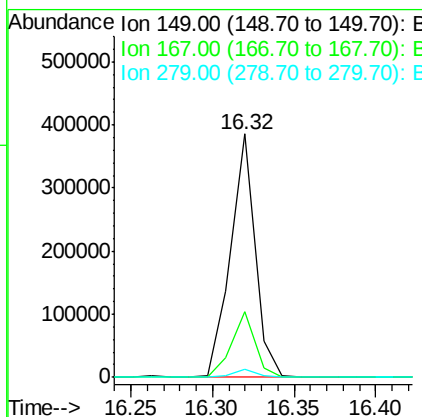
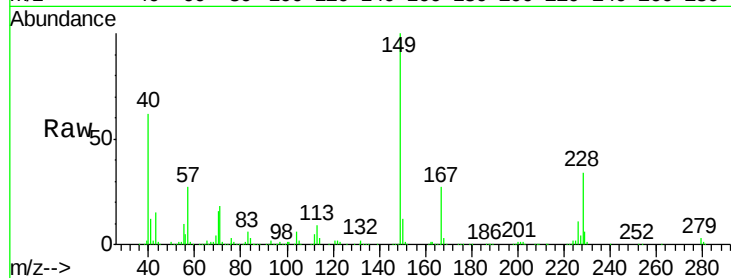




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.78 ng
 RT: 16.32 min Scan# 1324
 Delta R.T. -0.05 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

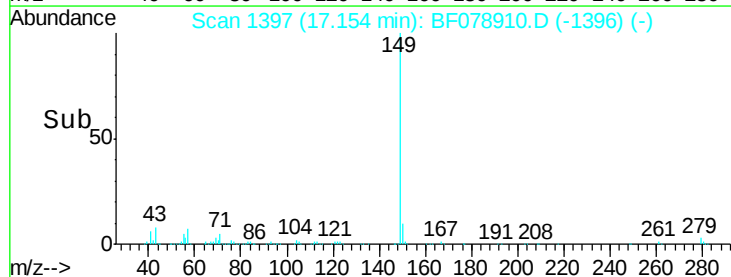
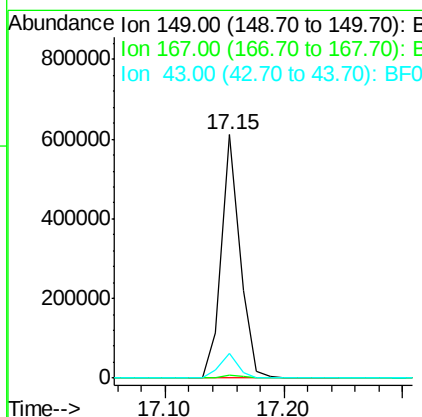
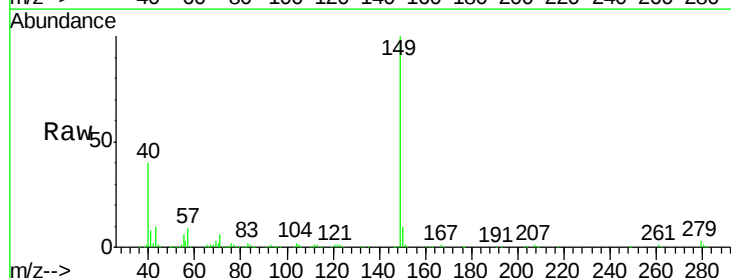
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

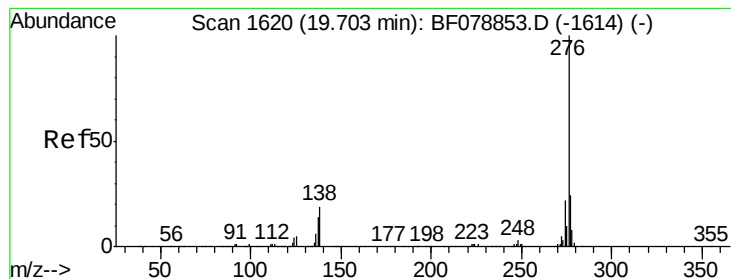
Tgt Ion:149 Resp: 401610
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.8
 279 3.4 2.9 4.3



#84
 Di-n-octyl phthalate
 Concen: 34.61 ng
 RT: 17.15 min Scan# 1397
 Delta R.T. -0.09 min
 Lab File: BF078910.D
 Acq: 4 May 2015 11:11

Tgt Ion:149 Resp: 665637
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 10.3 0.0 0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.93 ng

RT: 19.62 min Scan# 1613

Delta R.T. -0.15 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

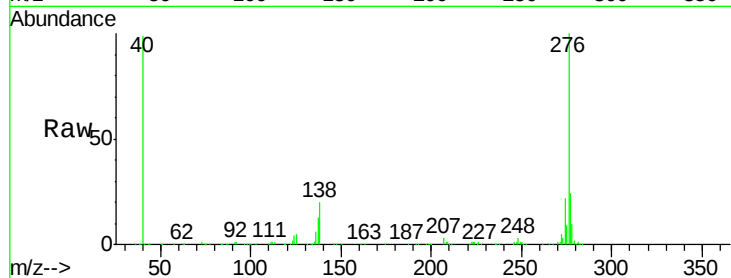
Tgt Ion: 276 Resp: 670911

Ion Ratio Lower Upper

276 100

138 26.1 0.0 0.0#

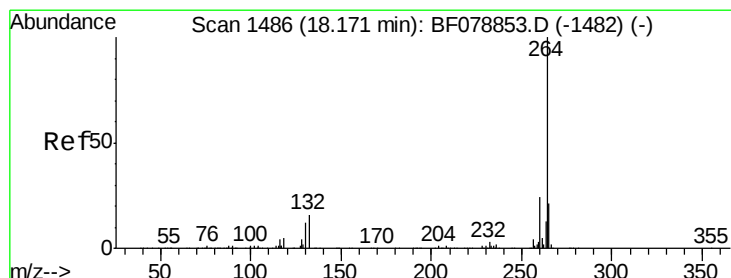
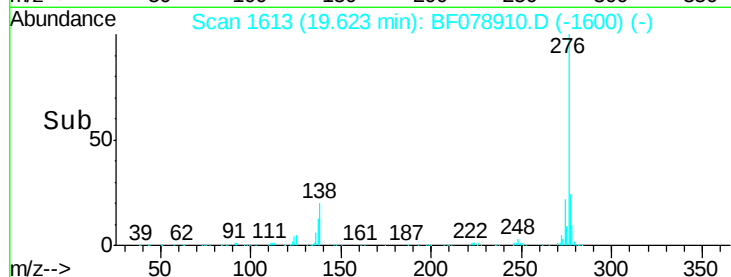
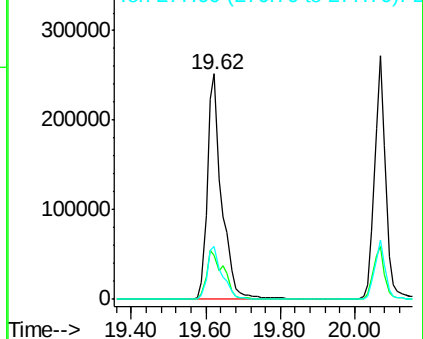
277 24.7 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.10 min Scan# 1480

Delta R.T. -0.14 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

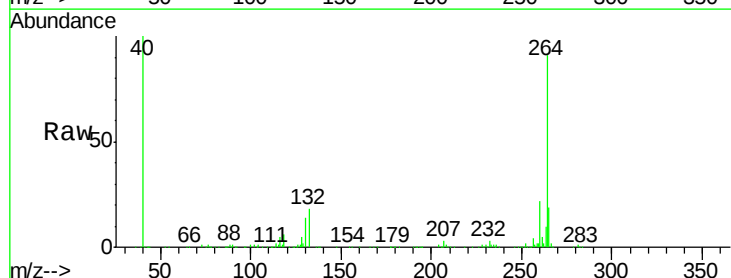
Tgt Ion: 264 Resp: 286837

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

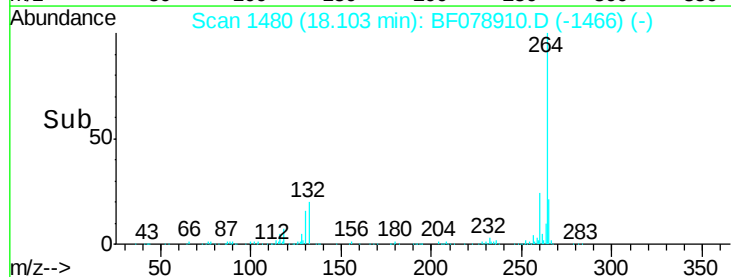
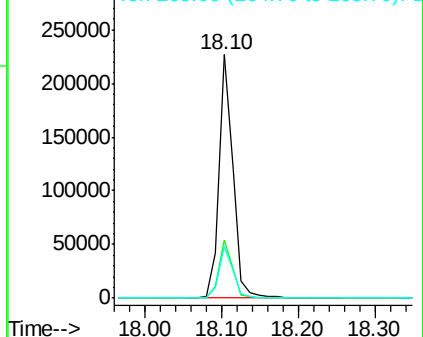
265 21.4 18.3 27.5

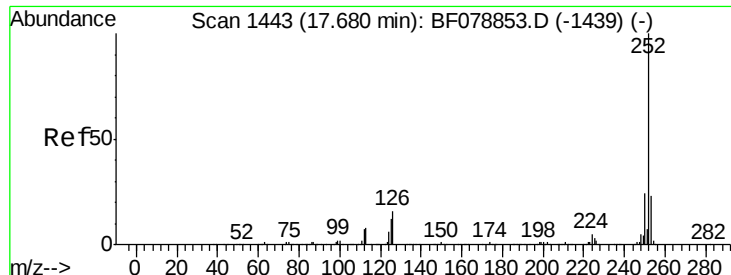


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.89 ng

RT: 17.63 min Scan# 1439

Delta R.T. -0.10 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

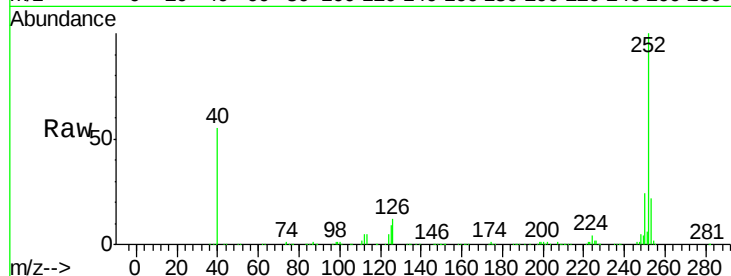
Tgt Ion:252 Resp: 563508

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

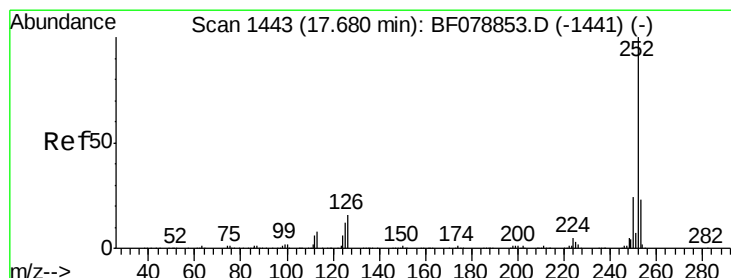
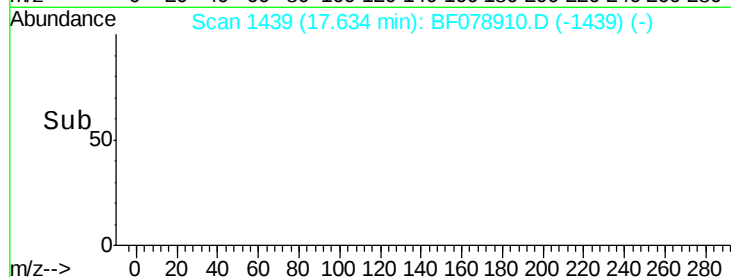
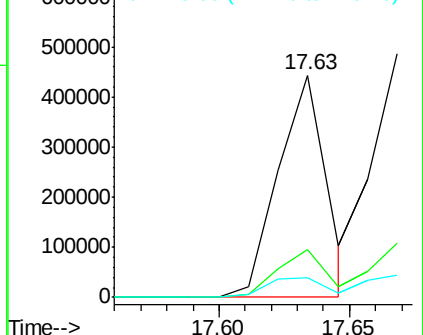
125 8.8 9.5 14.3#



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



#88

Benzo(k)fluoranthene

Concen: 37.08 ng

RT: 17.63 min Scan# 1439

Delta R.T. -0.14 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

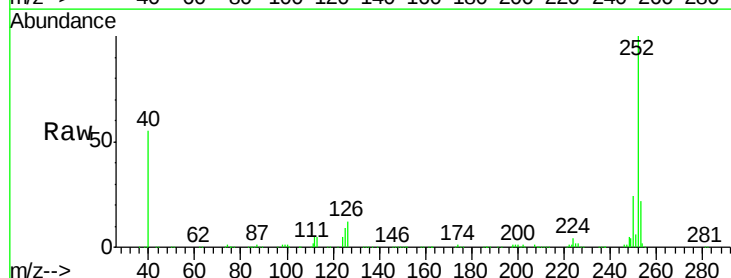
Tgt Ion:252 Resp: 563508

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

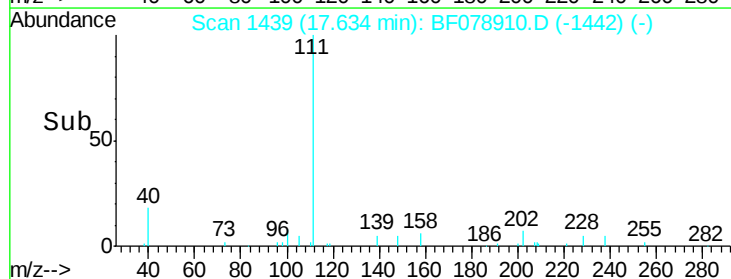
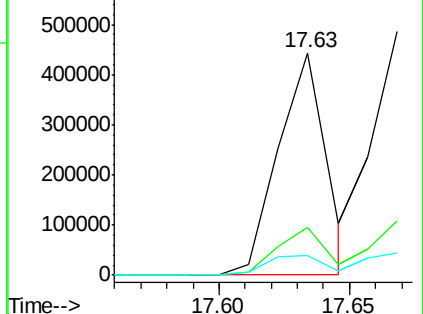
125 8.8 10.0 15.0#

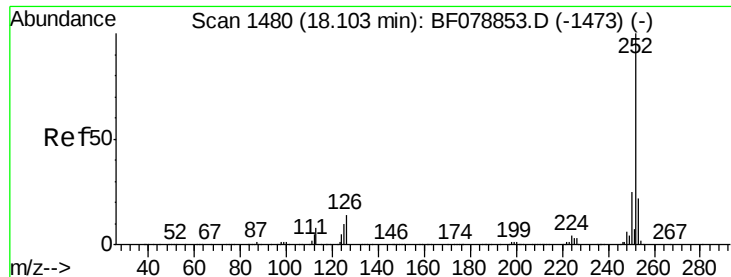


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.28 ng

RT: 18.03 min Scan# 1474

Delta R.T. -0.14 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS

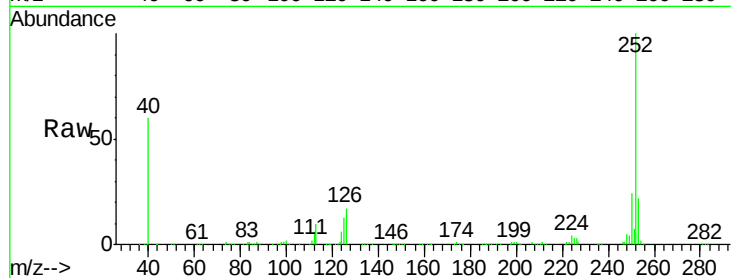
Tgt Ion:252 Resp: 538871

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

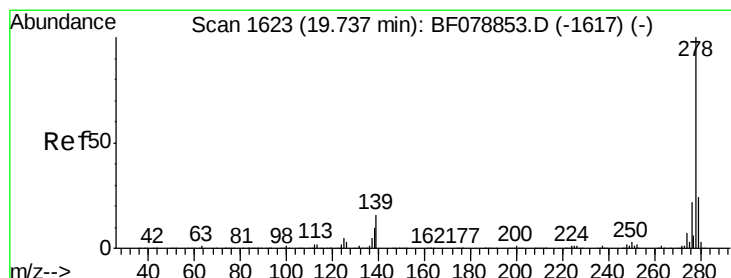
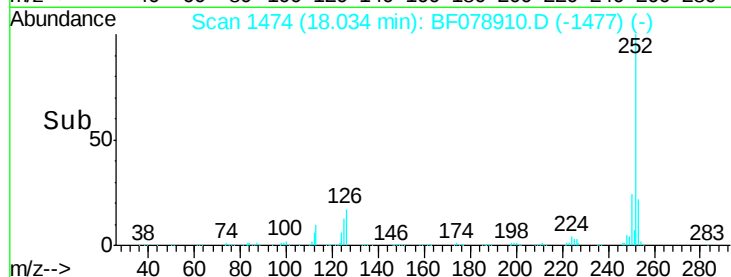
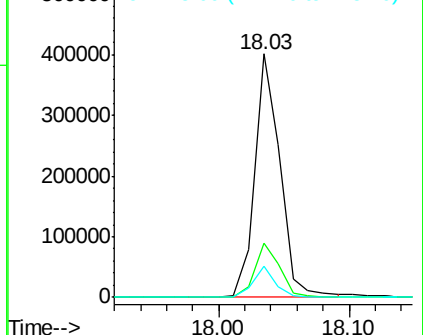
125 12.8 7.0 10.6#



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: 35.27 ng

RT: 19.66 min Scan# 1616

Delta R.T. -0.15 min

Lab File: BF078910.D

Acq: 4 May 2015 11:11

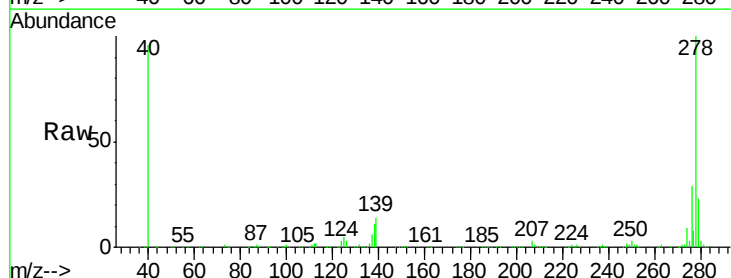
Tgt Ion:278 Resp: 541831

Ion Ratio Lower Upper

278 100

139 14.0 12.8 19.2

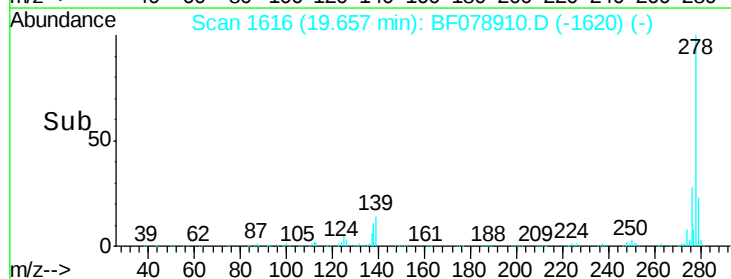
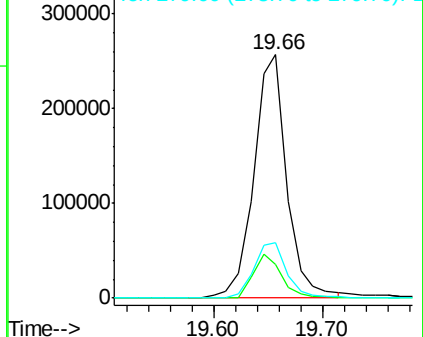
279 22.8 19.6 29.4

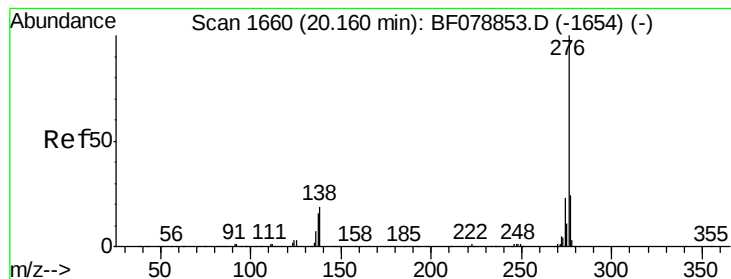


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.79 ng

RT: 20.07 min Scan# 1652

Delta R.T. -0.16 min

Lab File: BF078910.D

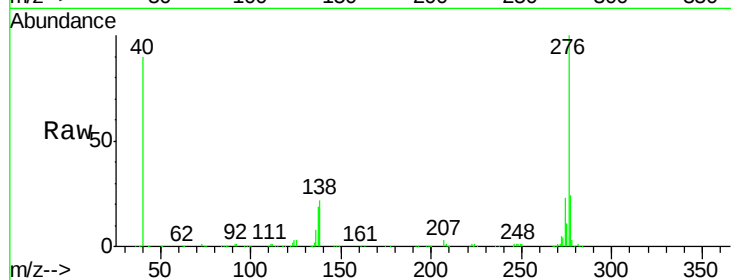
Acq: 4 May 2015 11:11

Instrument :

BNA_F

ClientSampleId :

PB83053BS



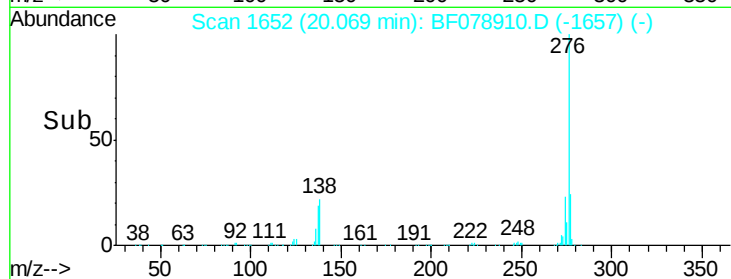
Tgt Ion: 276 Resp: 551160

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 21.8 17.4 26.0



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

