

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079120.D
 Acq On : 11 May 2015 17:17
 Operator : TP/IZ
 Sample : PB83300BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

Quant Time: May 12 01:55:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	51479	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	208207	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	105659	20.00	ng	0.00
63) Phenanthrene-d10	12.90	188	204956	20.00	ng	0.00
75) Chrysene-d12	16.21	240	214367	20.00	ng	-0.02
86) Perylene-d12	18.02	264	236220	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	395694	132.31	ng	0.01
7) Phenol-d6	6.87	99	555650	140.56	ng	0.01
23) Nitrobenzene-d5	7.99	82	284154	78.44	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	155174	135.76	ng	0.00
44) 2-Fluorobiphenyl	10.23	172	609643	80.39	ng	0.00
78) Terphenyl-d14	14.89	244	746246	83.34	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	42213	32.46	ng	# 28
3) Pyridine	2.99	79	127377	33.47	ng	98
4) n-Nitrosodimethylamine	2.90	42	46933	28.79	ng	# 79
6) Aniline	6.89	93	123749	22.18	ng	# 89
8) 2-Chlorophenol	7.03	128	140815	41.51	ng	94
9) Benzaldehyde	6.74	77	56354	21.16	ng	88
10) Phenol	6.88	94	191190	41.69	ng	88
11) bis(2-Chloroethyl)ether	6.98	93	127594	37.95	ng	99
12) 1,3-Dichlorobenzene	7.22	146	144892	38.00	ng	94
13) 1,4-Dichlorobenzene	7.32	146	146175	37.26	ng	97
14) 1,2-Dichlorobenzene	7.51	146	144601	39.59	ng	97
15) Benzyl Alcohol	7.48	79	120091	40.92	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.66	45	204321	39.73	ng	99
17) 2-Methylphenol	7.63	107	115033	42.14	ng	96
18) Hexachloroethane	7.92	117	52301	38.70	ng	# 85
19) n-Nitroso-di-n-propylamine	7.82	70	101971	38.19	ng	# 82
20) 3+4-Methylphenols	7.82	107	158213	43.50	ng	# 48
22) Acetophenone	7.80	105	200102	42.54	ng	# 93
24) Nitrobenzene	8.01	77	144970	40.37	ng	97
25) Isophorone	8.31	82	263879	39.29	ng	98
26) 2-Nitrophenol	8.41	139	69589	46.82	ng	97
27) 2,4-Dimethylphenol	8.47	122	126782	42.63	ng	98
28) bis(2-Chloroethoxy)methane	8.59	93	175407	42.37	ng	98
29) 2,4-Dichlorophenol	8.71	162	125480	47.45	ng	98
30) 1,2,4-Trichlorobenzene	8.81	180	117774	40.54	ng	98
31) Naphthalene	8.90	128	413144	41.64	ng	99
32) Benzoic acid	8.57	122	74658	41.12	ng	98
33) 4-Chloroaniline	8.97	127	101065	24.08	ng	95
34) Hexachlorobutadiene	9.05	225	64132	38.33	ng	96
35) Caprolactam	9.39	113	39531	46.22	ng	96
36) 4-Chloro-3-methylphenol	9.59	107	133772	48.16	ng	92
37) 2-Methylnaphthalene	9.76	142	286853	41.73	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.96	216	114113	38.35	ng	# 100
40) Hexachlorocyclopentadiene	9.95	237	110458	73.82	ng	97

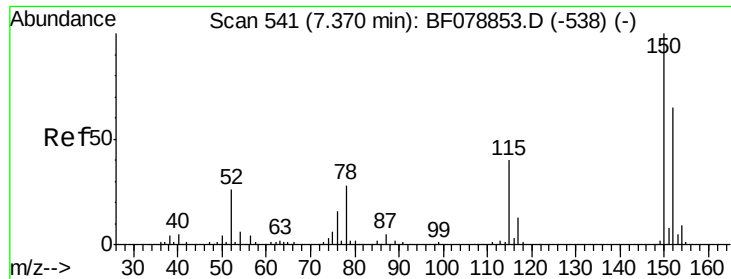
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079120.D
 Acq On : 11 May 2015 17:17
 Operator : TP/IZ
 Sample : PB83300BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

Quant Time: May 12 01:55:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.11	196	83937	41.03	ng	96
43) 2,4,5-Trichlorophenol	10.16	196	89339	43.19	ng	96
45) 1,1'-Biphenyl	10.34	154	345141	41.09	ng	99
46) 2-Chloronaphthalene	10.36	162	267332	40.80	ng	97
47) 2-Nitroaniline	10.49	65	77999	41.09	ng	96
48) Acenaphthylene	10.88	152	449873	41.82	ng	99
49) Dimethylphthalate	10.73	163	324208	41.81	ng	100
50) 2,6-Dinitrotoluene	10.80	165	63542	41.52	ng	97
51) Acenaphthene	11.10	154	251853	39.26	ng	99
52) 3-Nitroaniline	11.00	138	64310	33.64	ng	# 90
53) 2,4-Dinitrophenol	11.14	184	50300	78.44	ng	# 88
54) Dibenzofuran	11.31	168	384972	41.54	ng	95
55) 4-Nitrophenol	11.22	139	128661	85.03	ng	# 76
56) 2,4-Dinitrotoluene	11.30	165	94314	46.62	ng	# 74
57) Fluorene	11.74	166	323479	42.53	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.46	232	73843	43.69	ng	# 100
59) Diethylphthalate	11.61	149	320654	41.74	ng	99
60) 4-Chlorophenyl-phenylether	11.74	204	132841	39.37	ng	# 82
61) 4-Nitroaniline	11.76	138	79691	41.67	ng	94
62) Azobenzene	11.94	77	316780	41.85	ng	91
64) 4,6-Dinitro-2-methylphenol	11.81	198	37596	45.10	ng	# 69
65) n-Nitrosodiphenylamine	11.89	169	271590	39.79	ng	97
66) 4-Bromophenyl-phenylether	12.35	248	88991	41.66	ng	# 88
67) Hexachlorobenzene	12.41	284	99982	40.95	ng	# 87
68) Atrazine	12.56	200	82344	41.49	ng	97
69) Pentachlorophenol	12.66	266	95639	68.06	ng	97
70) Phenanthrene	12.93	178	458447	39.98	ng	99
71) Anthracene	12.99	178	493260	43.85	ng	98
72) Carbazole	13.20	167	475632	44.36	ng	99
73) Di-n-butylphthalate	13.65	149	565208	43.96	ng	# 98
74) Fluoranthene	14.41	202	531349	44.47	ng	94
76) Benzidine	14.58	184	256858	44.46	ng	98
77) Pyrene	14.69	202	538198	43.57	ng	99
79) Butylbenzylphthalate	15.52	149	259816	48.12	ng	# 78
80) Benzo(a)anthracene	16.19	228	510977	43.53	ng	100
81) 3,3'-Dichlorobenzidine	16.17	252	177277	42.40	ng	# 99
82) Chrysene	16.24	228	476549	42.21	ng	99
83) Bis(2-ethylhexyl)phthalate	16.25	149	387199	47.34	ng	99
84) Di-n-octyl phthalate	17.07	149	681790	47.33	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.51	276	669033	46.51	ng	# 100
87) Benzo(b)fluoranthene	17.55	252	549343	42.49	ng	# 96
88) Benzo(k)fluoranthene	17.59	252	519779	41.53	ng	# 95
89) Benzo(a)pyrene	17.95	252	530175	44.53	ng	99
90) Dibenzo(a,h)anthracene	19.53	278	534038	42.21	ng	98
91) Benzo(g,h,i)perylene	19.94	276	544382	42.93	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampled :

PB83300BS

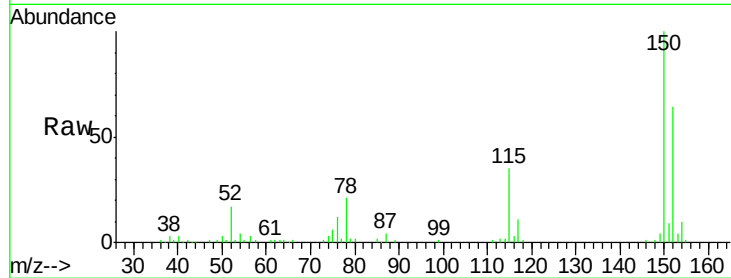
Tgt Ion:152 Resp: 51479

Ion Ratio Lower Upper

152 100

150 156.6 122.0 183.0

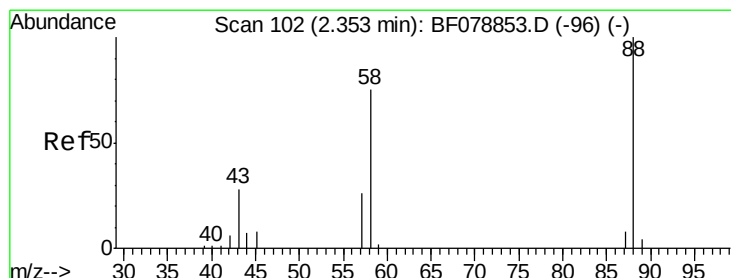
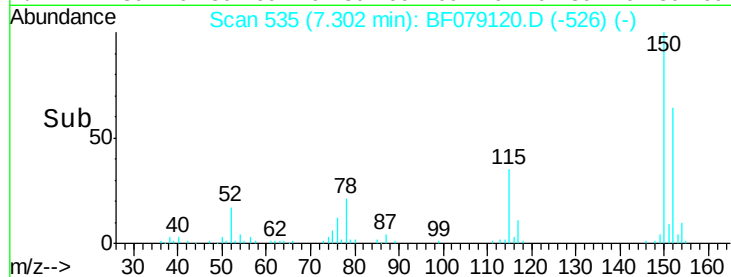
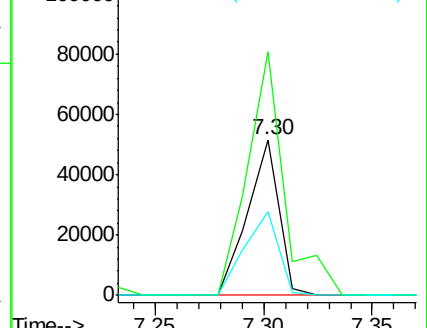
115 54.2 46.3 69.5



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: 32.46 ng

RT: 2.24 min Scan# 92

Delta R.T. 0.01 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

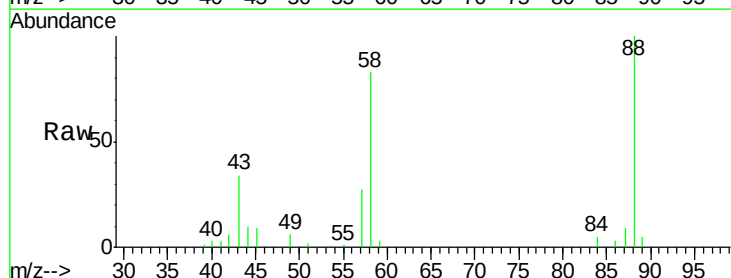
Tgt Ion: 88 Resp: 42213

Ion Ratio Lower Upper

88 100

58 75.5 0.0 0.0#

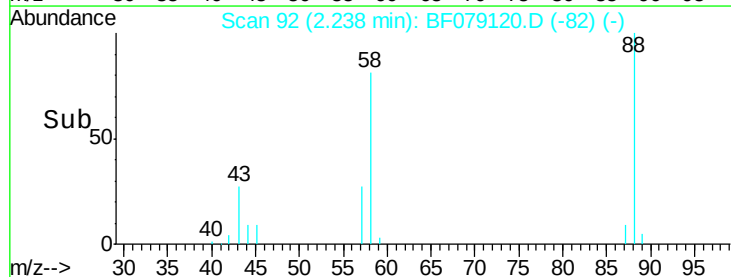
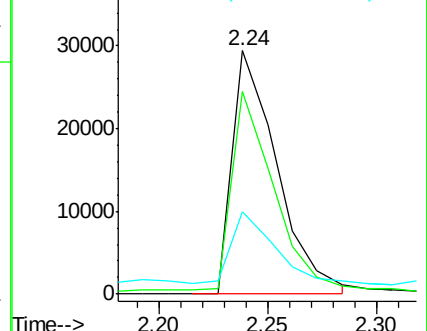
43 27.7 3.3 4.9#

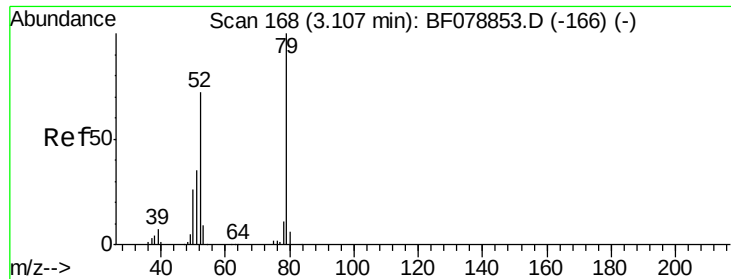


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.47 ng

RT: 2.99 min Scan# 158

Delta R.T. 0.03 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampled :

PB83300BS

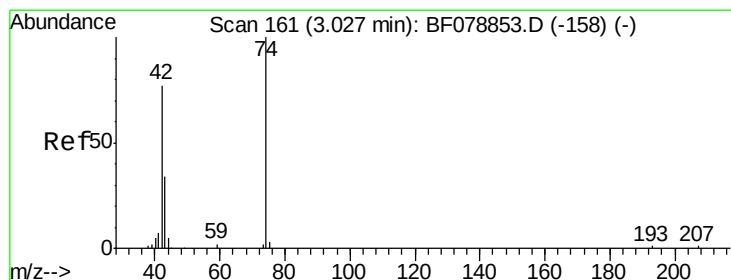
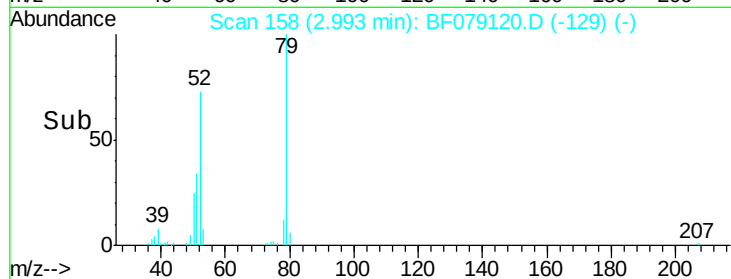
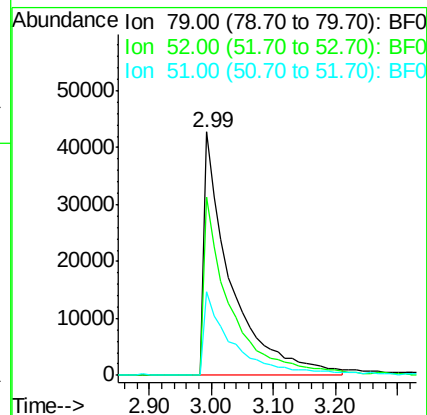
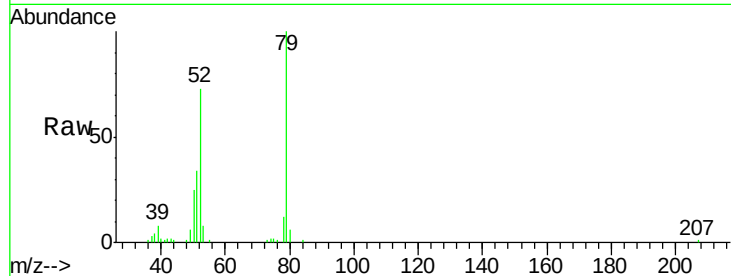
Tgt Ion: 79 Resp: 127377

Ion Ratio Lower Upper

79 100

52 73.3 57.2 85.8

51 34.5 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 28.79 ng

RT: 2.90 min Scan# 150

Delta R.T. 0.02 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

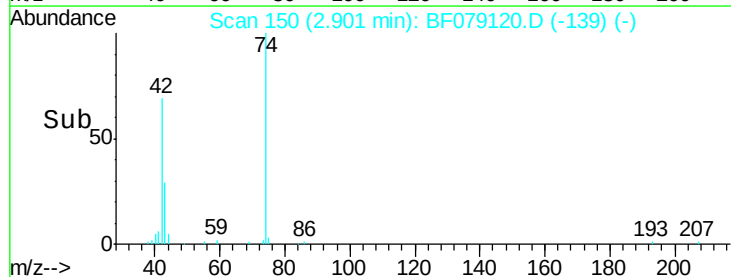
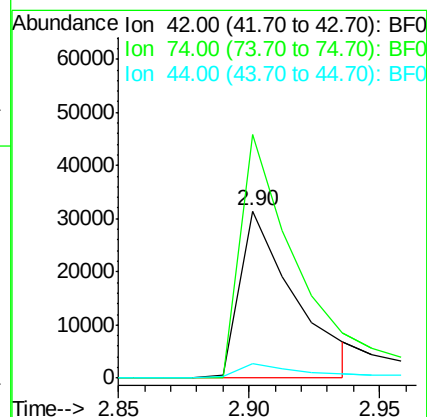
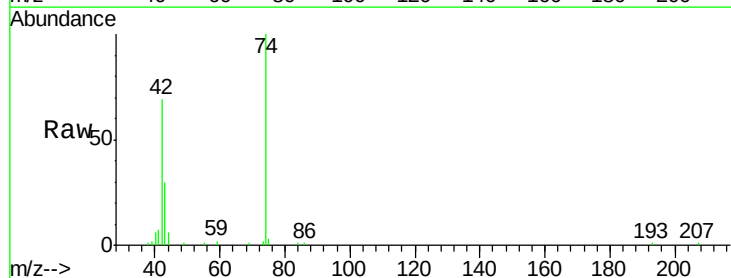
Tgt Ion: 42 Resp: 46933

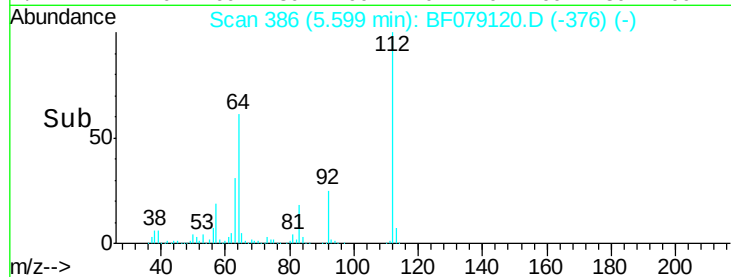
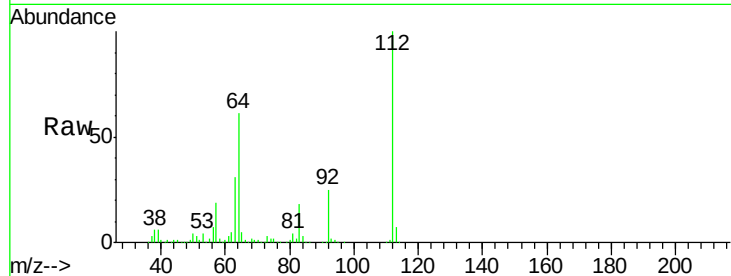
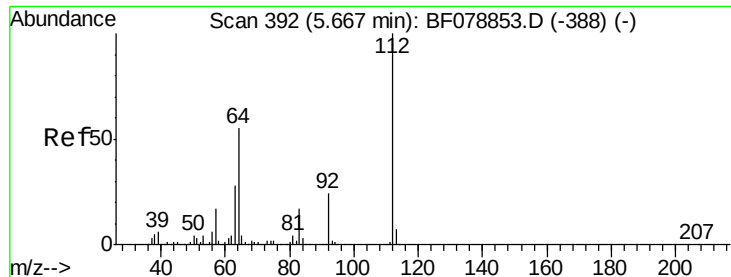
Ion Ratio Lower Upper

42 100

74 145.6 96.5 144.7#

44 8.7 6.1 9.1





#5

2-Fluorophenol

Concen: 132.31 ng

RT: 5.60 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

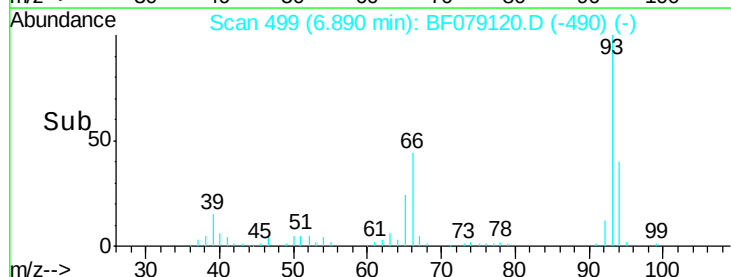
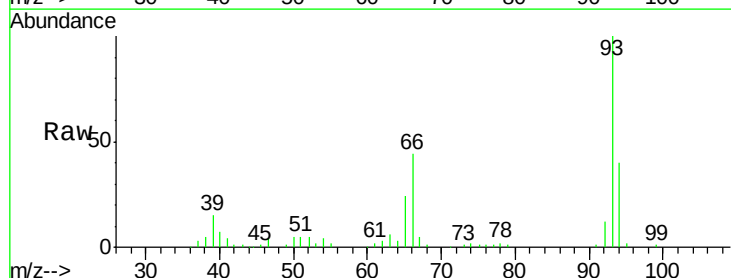
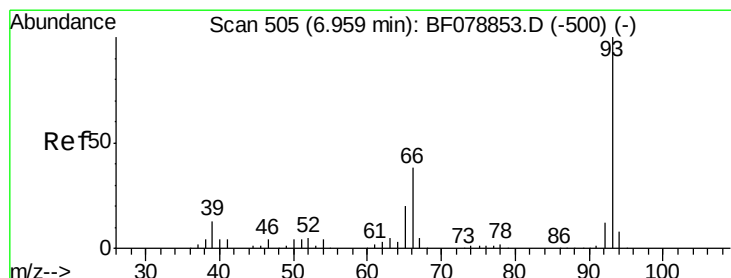
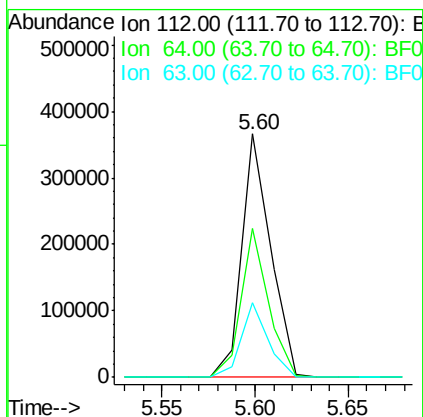
Tgt Ion: 112 Resp: 395694

Ion Ratio Lower Upper

112 100

64 61.3 53.5 80.3

63 30.6 27.5 41.3



#6

Aniline

Concen: 22.18 ng

RT: 6.89 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

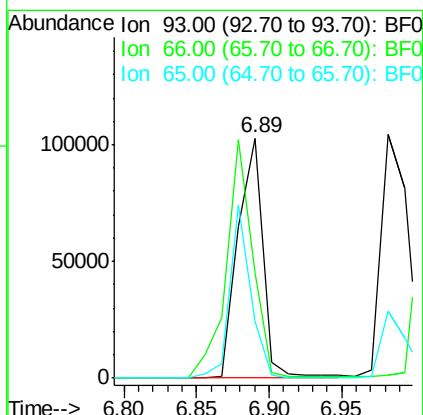
Tgt Ion: 93 Resp: 123749

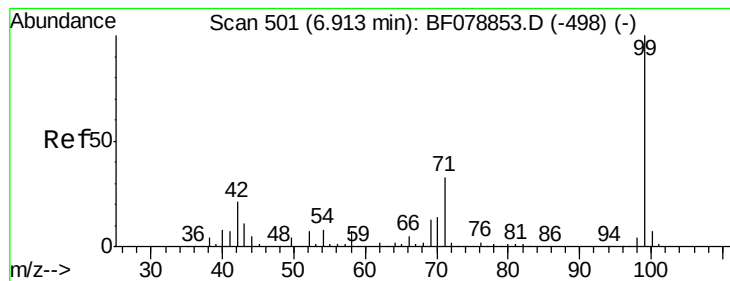
Ion Ratio Lower Upper

93 100

66 43.6 29.7 44.5

65 23.9 14.6 22.0#





#7

Phenol-d6

Concen: 140.56 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

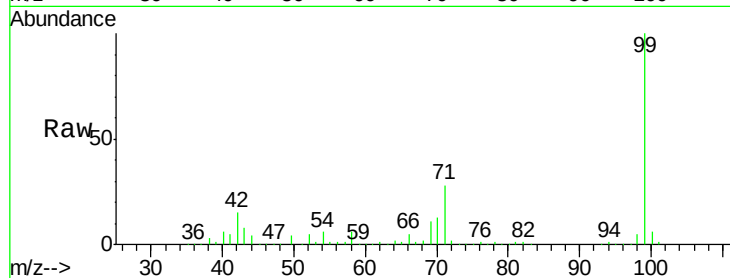
Tgt Ion: 99 Resp: 555650

Ion Ratio Lower Upper

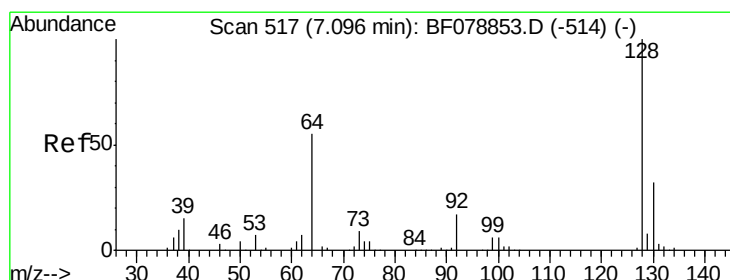
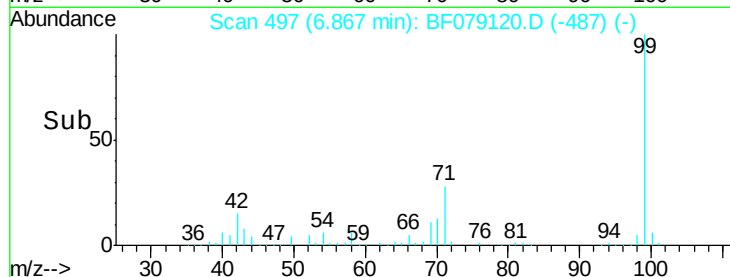
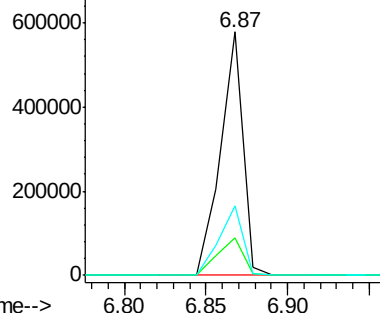
99 100

42 15.4 12.8 19.2

71 28.5 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: 41.51 ng

RT: 7.03 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

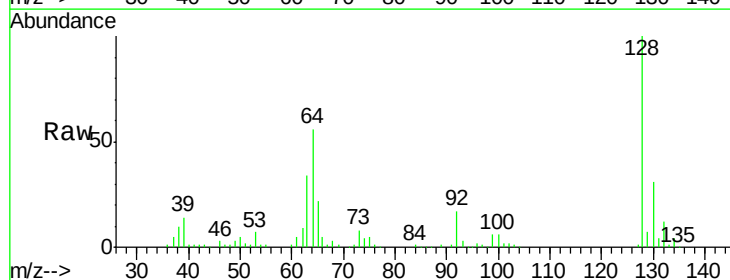
Tgt Ion: 128 Resp: 140815

Ion Ratio Lower Upper

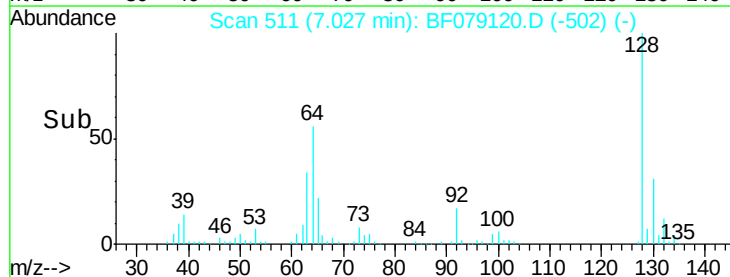
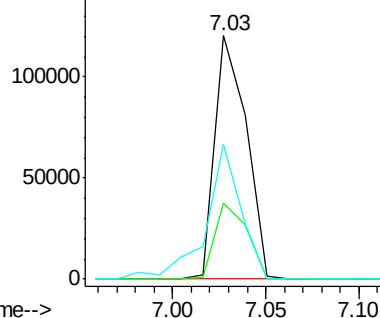
128 100

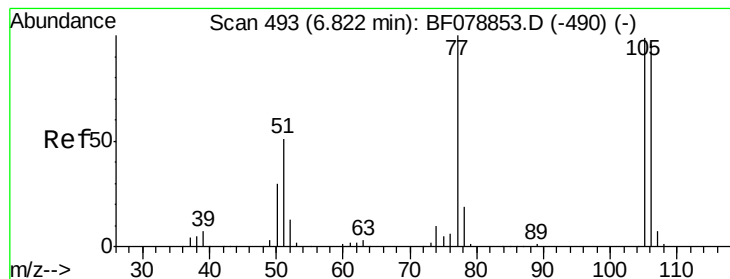
130 31.2 12.1 52.1

64 55.6 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: 21.16 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

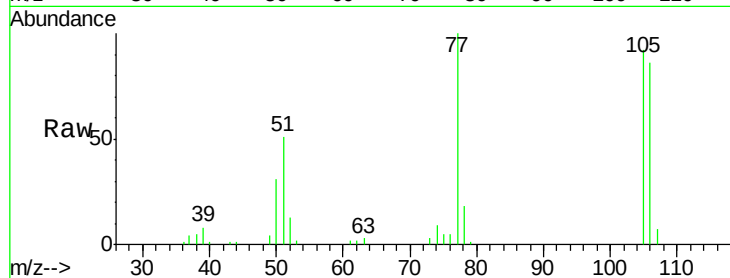
Tgt Ion: 77 Resp: 56354

Ion Ratio Lower Upper

77 100

105 91.9 81.7 121.7

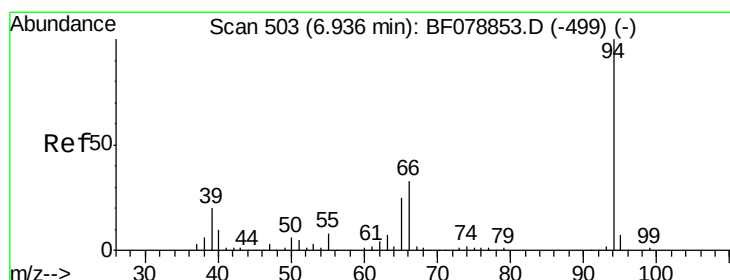
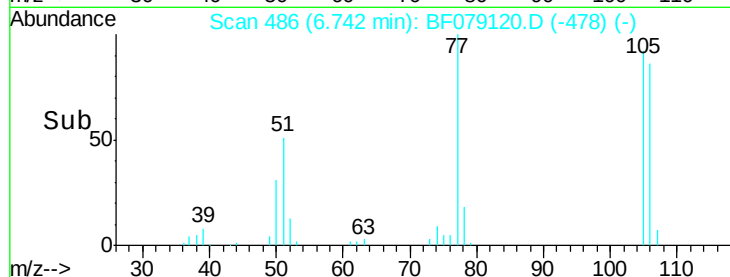
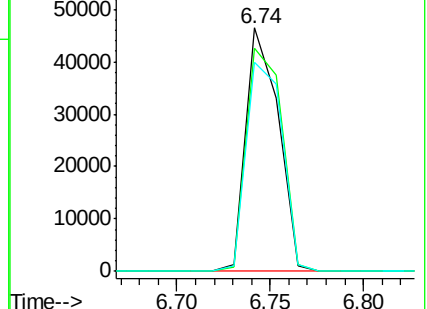
106 85.8 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.69 ng

RT: 6.88 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

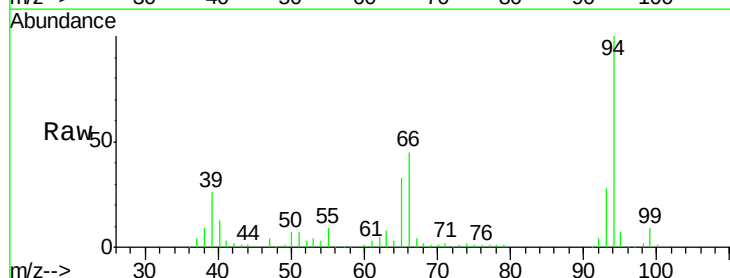
Tgt Ion: 94 Resp: 191190

Ion Ratio Lower Upper

94 100

65 32.5 8.5 48.5

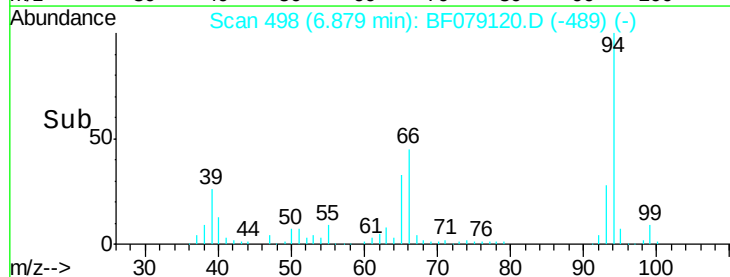
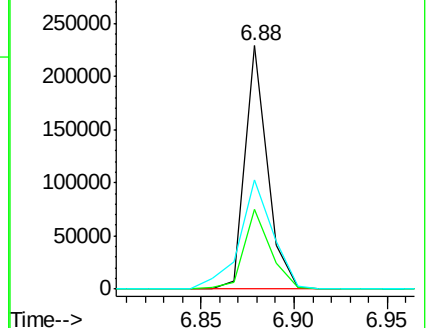
66 44.7 16.0 56.0

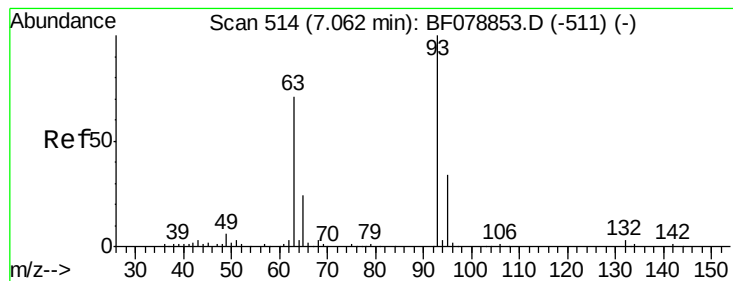


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.95 ng

RT: 6.98 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

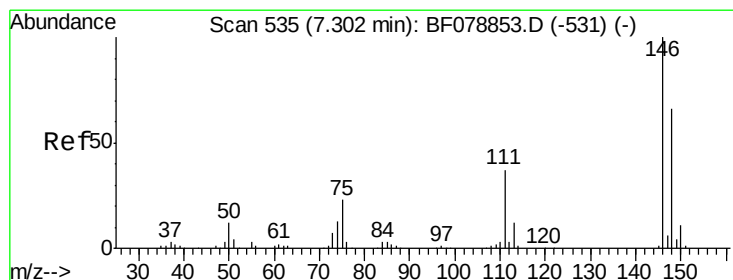
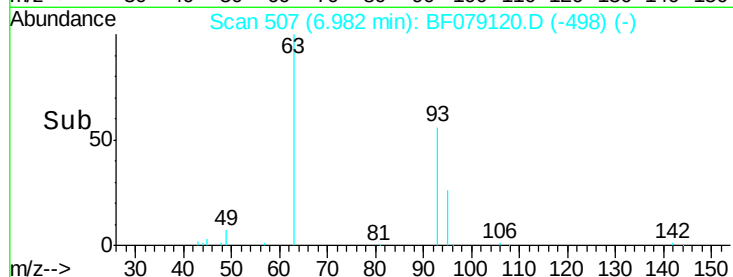
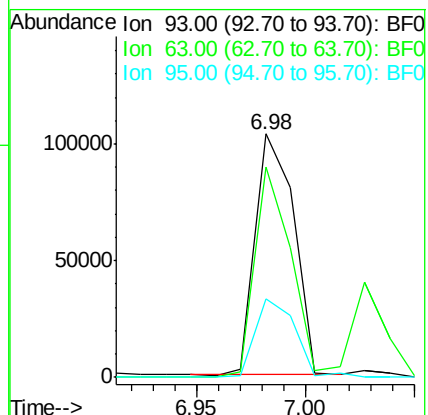
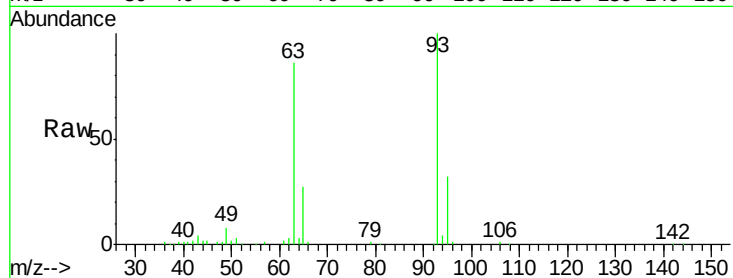
Tgt Ion: 93 Resp: 127594

Ion Ratio Lower Upper

93 100

63 86.4 64.8 104.8

95 32.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 38.00 ng

RT: 7.22 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

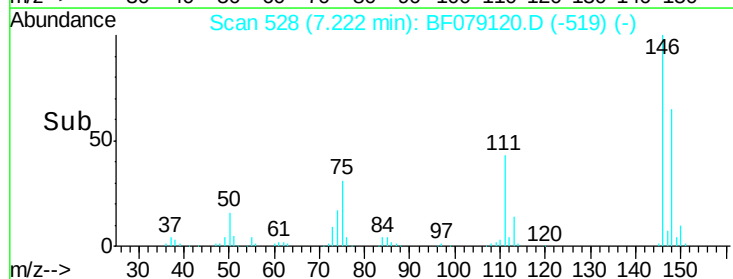
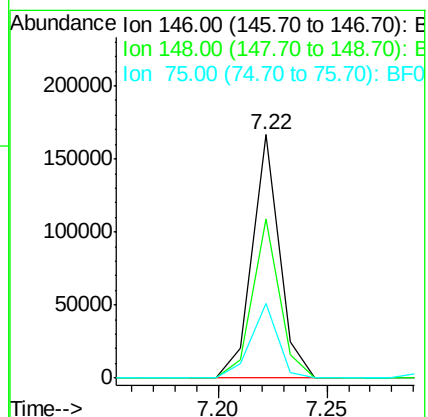
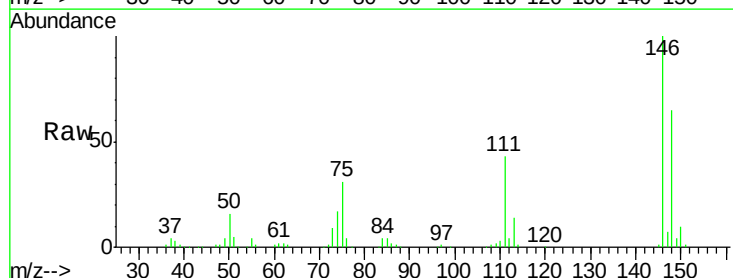
Tgt Ion: 146 Resp: 144892

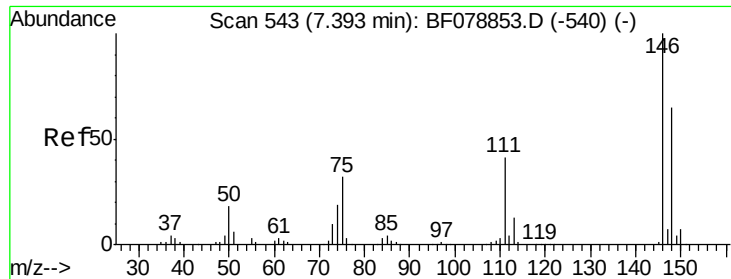
Ion Ratio Lower Upper

146 100

148 65.4 50.2 75.2

75 30.5 29.2 43.8

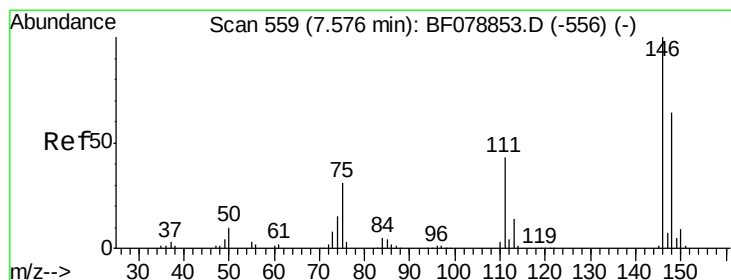
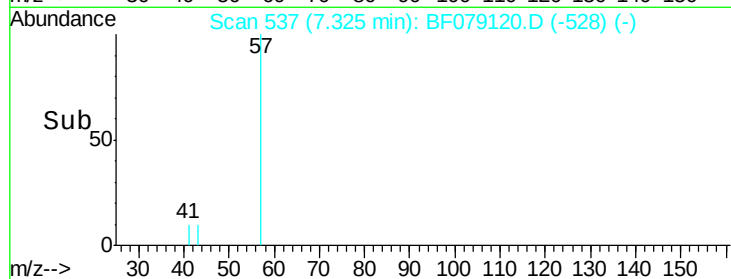
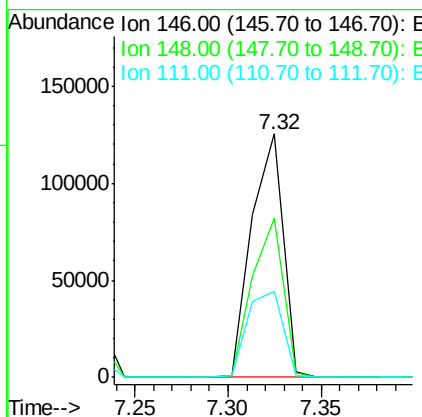
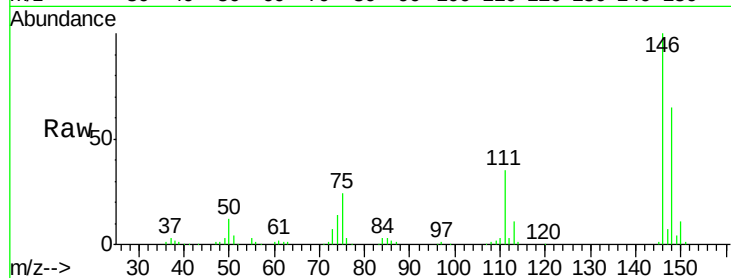




#13
 1,4-Dichlorobenzene
 Concen: 37.26 ng
 RT: 7.32 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

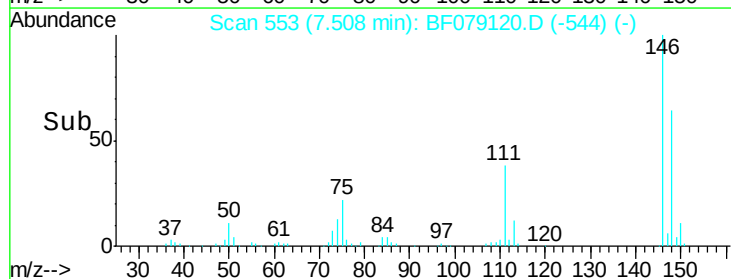
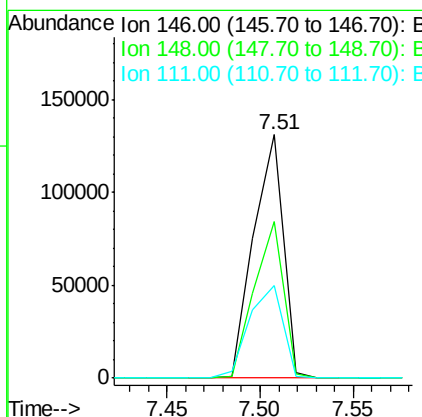
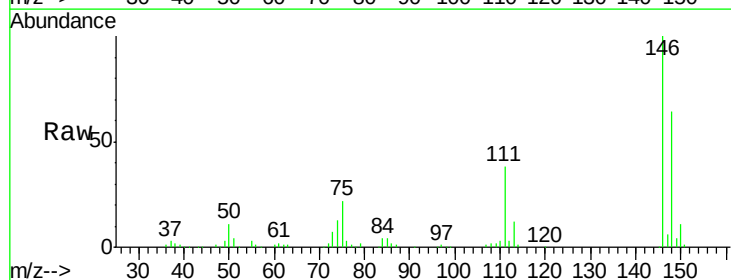
Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

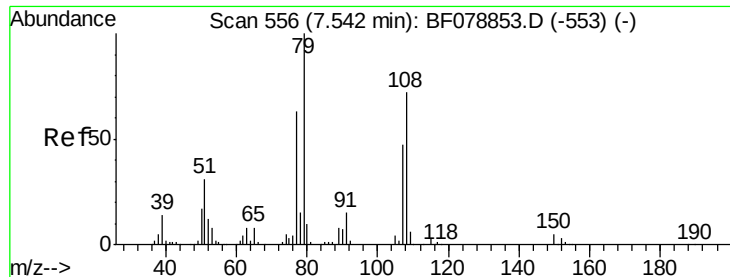
Tgt Ion:146 Resp: 146175
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.8 79.2
 111 35.2 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 39.59 ng
 RT: 7.51 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion:146 Resp: 144601
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.2 76.8
 111 37.9 33.3 49.9





#15

Benzyl Alcohol

Concen: 40.92 ng

RT: 7.48 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

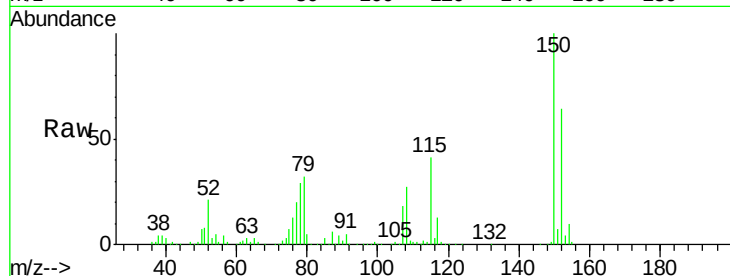
Tgt Ion: 79 Resp: 120091

Ion Ratio Lower Upper

79 100

108 85.0 62.5 93.7

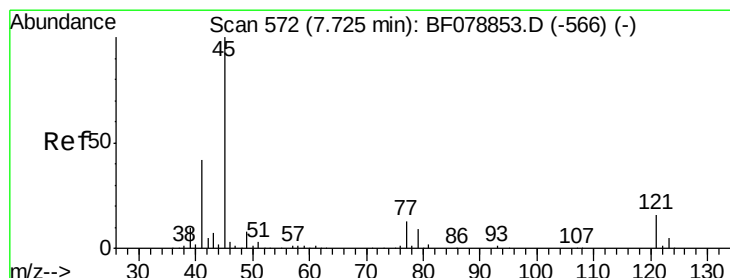
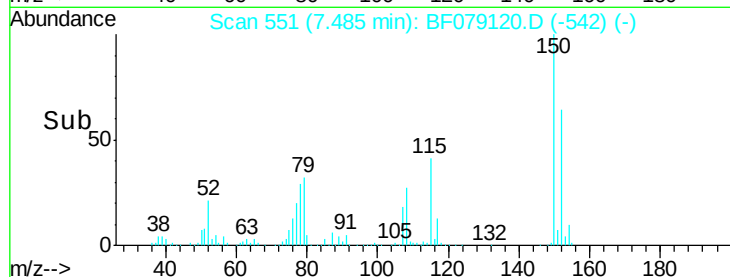
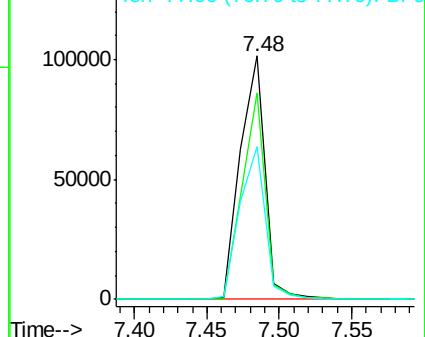
77 62.8 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.73 ng

RT: 7.66 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

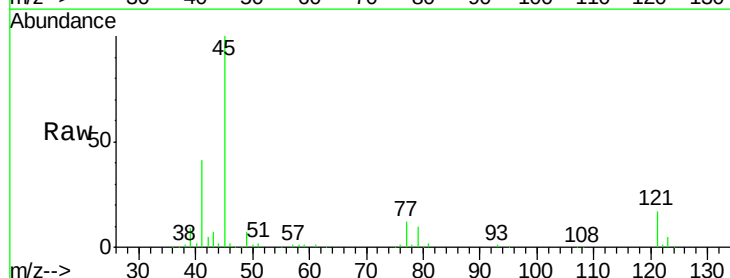
Tgt Ion: 45 Resp: 204321

Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.3

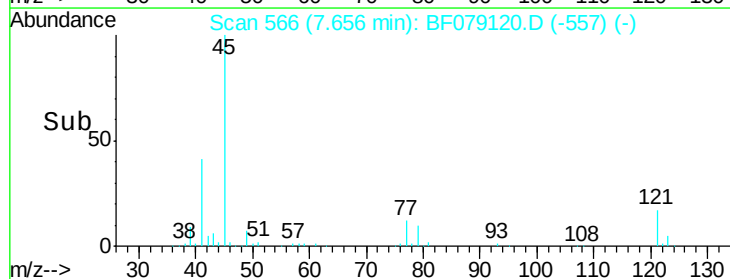
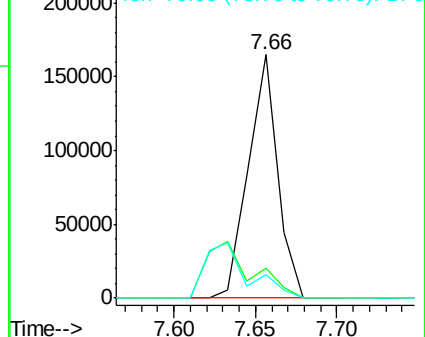
79 9.7 0.0 30.1

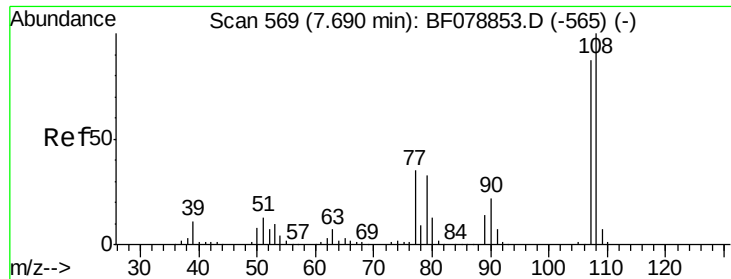


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.14 ng

RT: 7.63 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

Tgt Ion:107 Resp: 115033

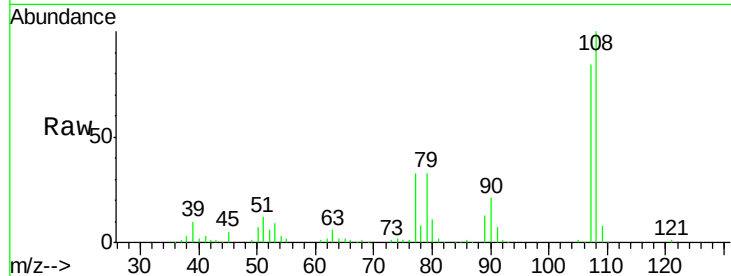
Ion Ratio Lower Upper

107 100

108 119.5 94.9 142.3

77 39.7 36.2 54.4

79 38.9 35.2 52.8

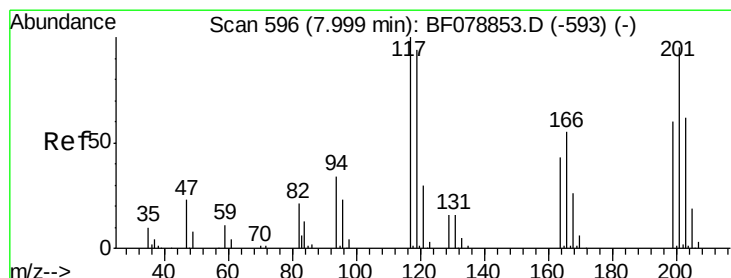
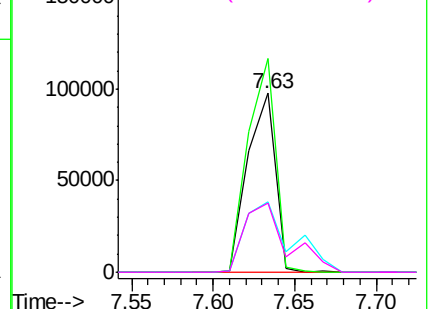
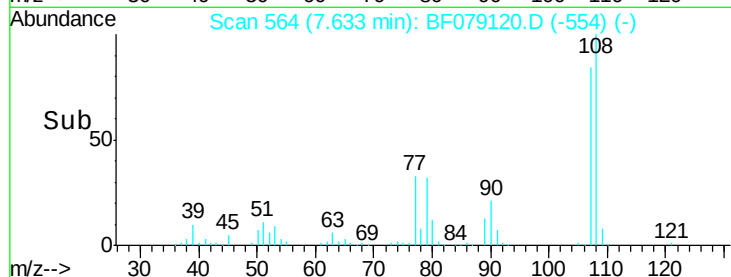


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.70 ng

RT: 7.92 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

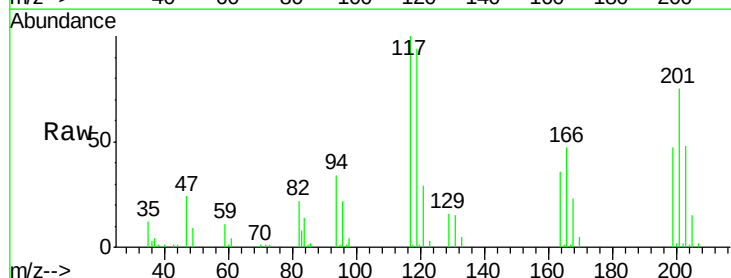
Tgt Ion:117 Resp: 52301

Ion Ratio Lower Upper

117 100

119 93.8 75.4 113.0

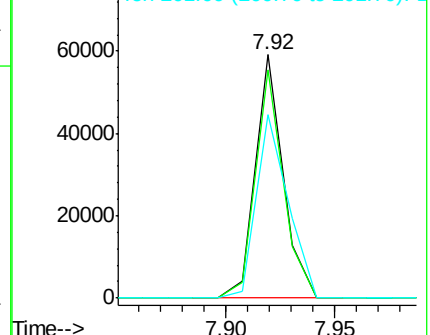
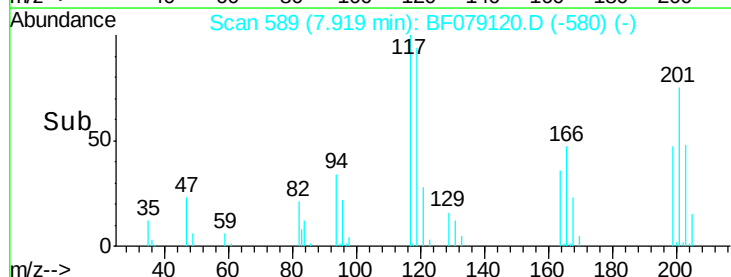
201 75.2 83.2 124.8#

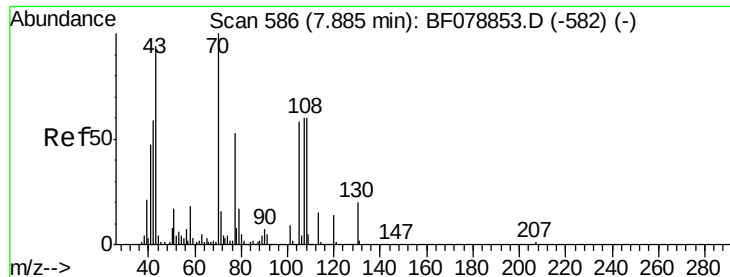


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

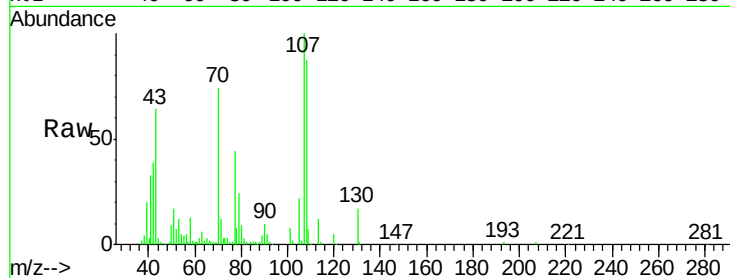




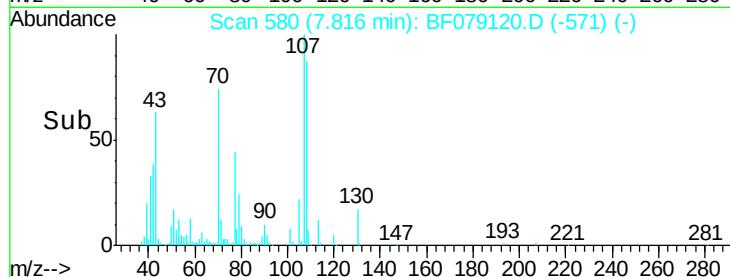
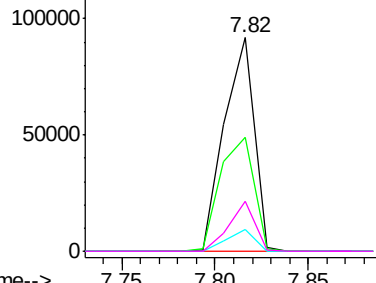
#19
n-Nitroso-di-n-propylamine
Concen: 38.19 ng
RT: 7.82 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

Instrument :
BNA_F
ClientSampleId :
PB83300BS

Tgt Ion: 70 Resp: 101971
Ion Ratio Lower Upper
70 100
42 53.3 55.4 83.0#
101 10.3 6.6 10.0#
130 23.4 11.9 17.9#



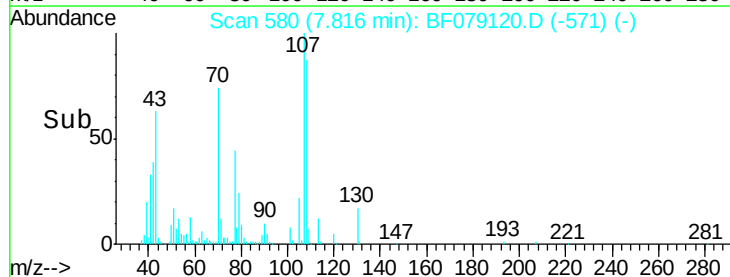
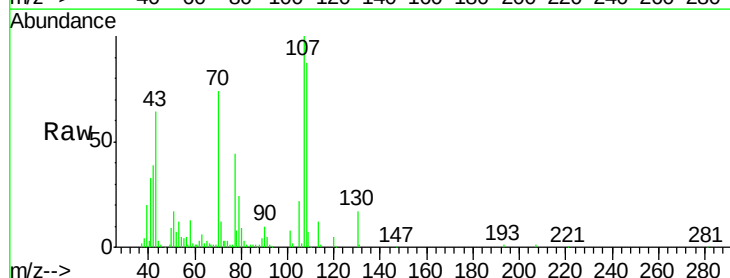
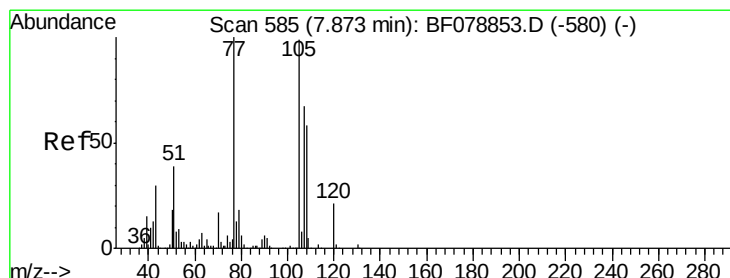
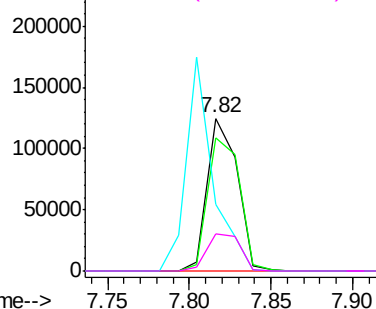
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

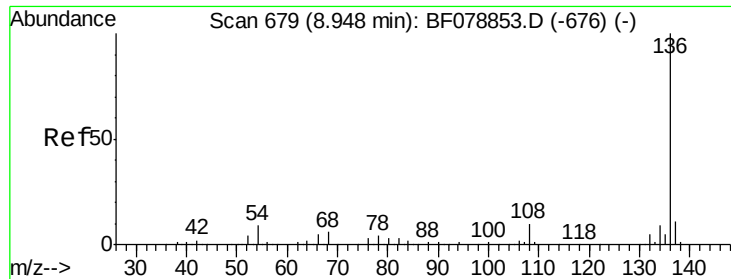


#20
3+4-Methylphenols
Concen: 43.50 ng
RT: 7.82 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

Tgt Ion: 107 Resp: 158213
Ion Ratio Lower Upper
107 100
108 87.4 76.9 116.9
77 43.6 136.8 176.8#
79 24.3 9.7 49.7

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

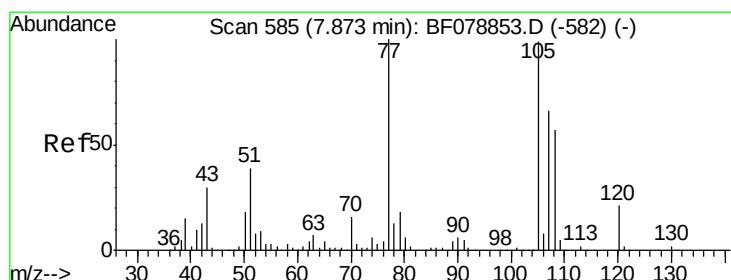
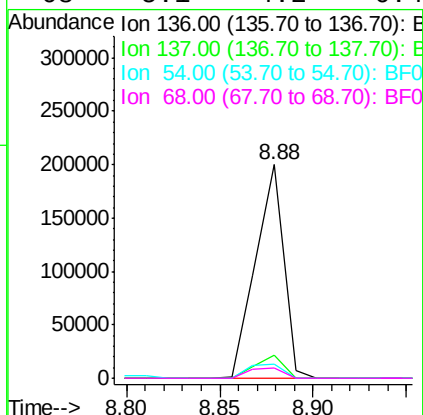
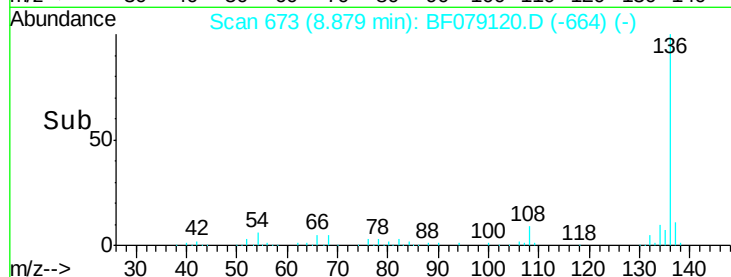
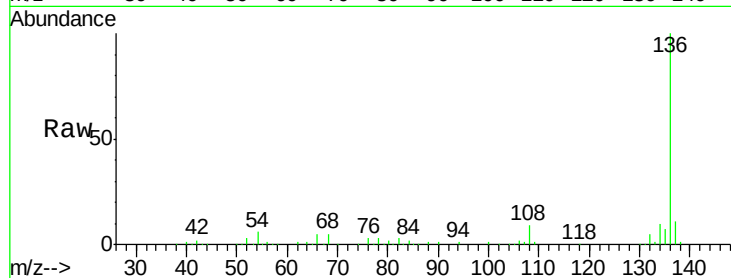




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.88 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

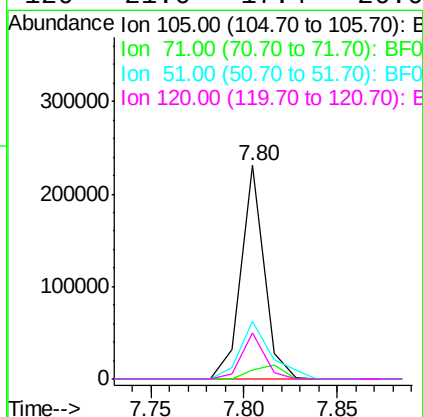
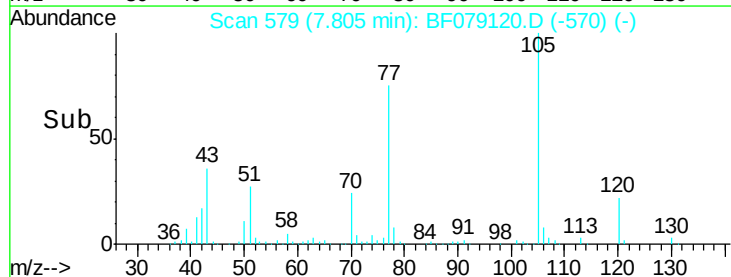
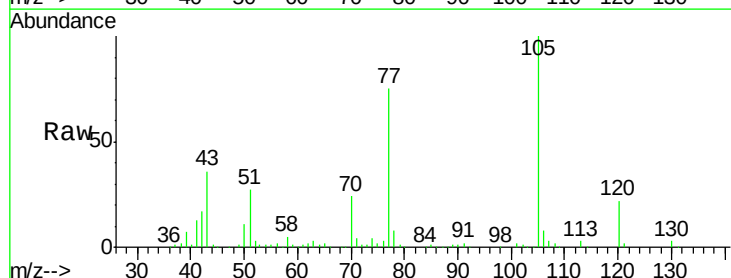
Instrument :
BNA_F
ClientSampleId :
PB83300BS

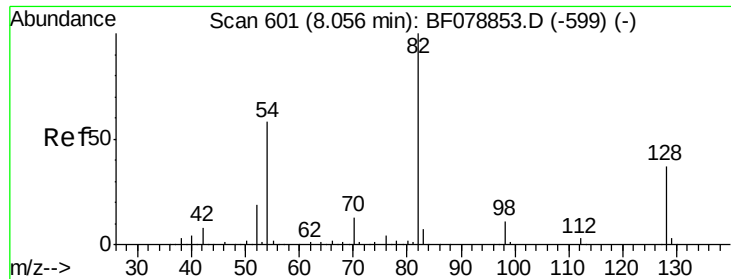
Tgt Ion:	136	Resp:	208207
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.4	5.8	8.8
68	5.1	4.2	6.4



#22
Acetophenone
Concen: 42.54 ng
RT: 7.80 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

Tgt Ion:	105	Resp:	200102
Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.6	6.8#
51	27.0	26.7	40.1
120	21.6	17.4	26.0

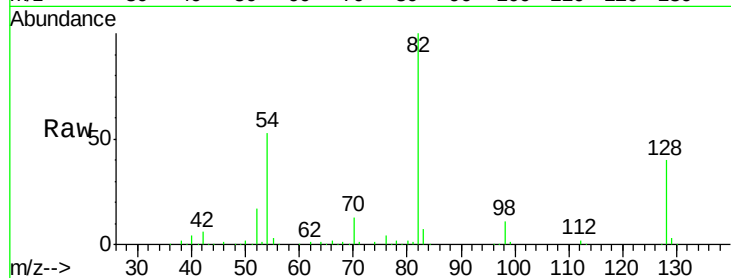




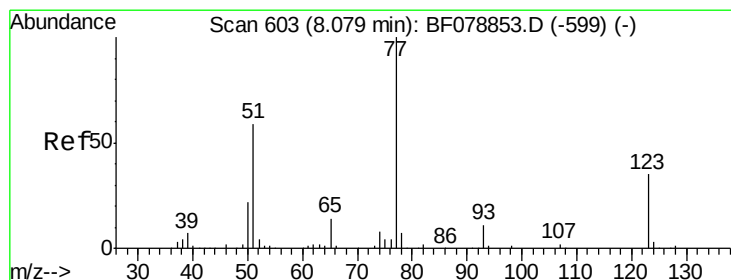
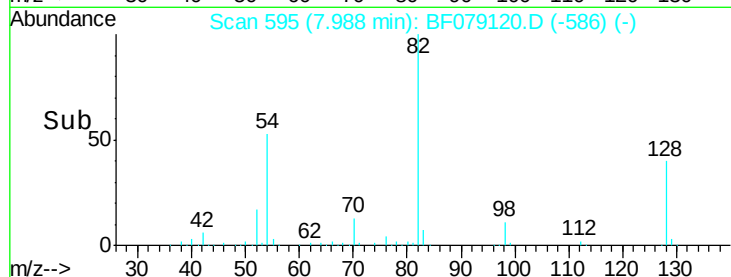
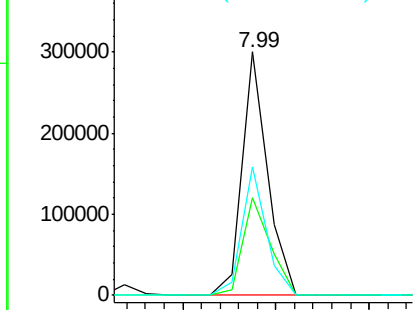
#23
 Nitrobenzene-d5
 Concen: 78.44 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.0	45.0
54	52.8	46.4	69.6

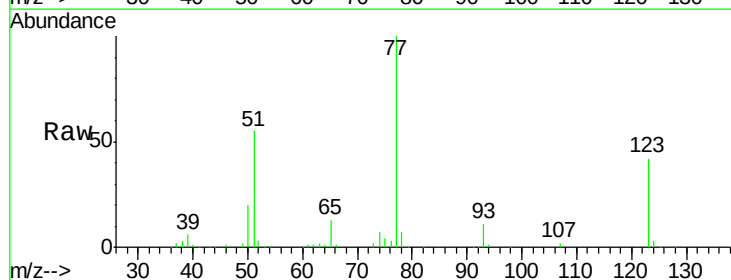


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

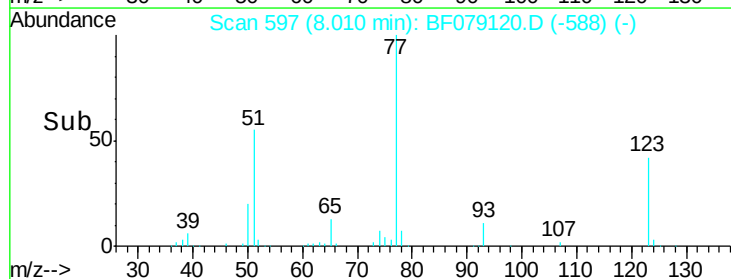
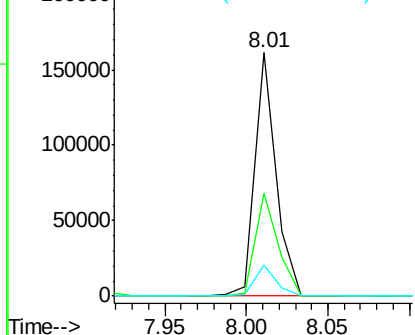


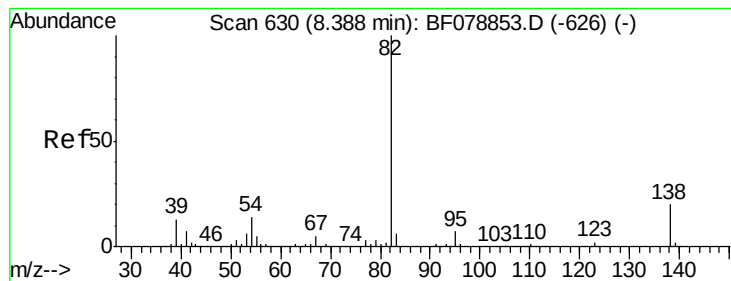
#24
 Nitrobenzene
 Concen: 40.37 ng
 RT: 8.01 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	31.8	47.8
65	12.7	10.6	15.8



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





#25

Isophorone

Concen: 39.29 ng

RT: 8.31 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

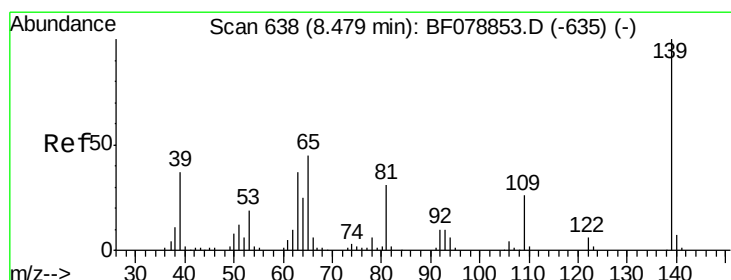
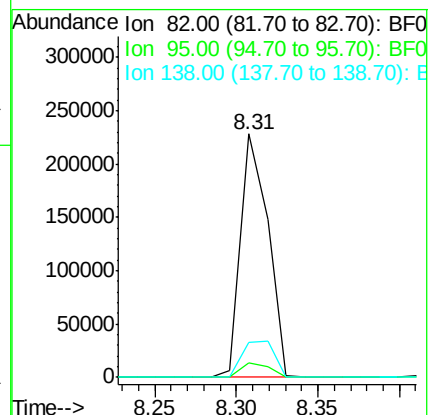
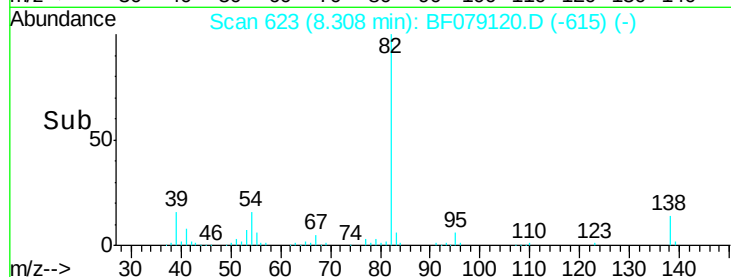
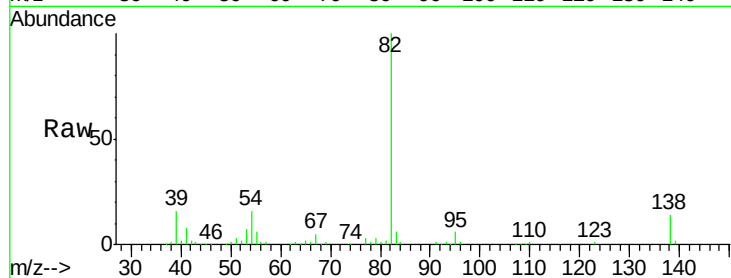
Tgt Ion: 82 Resp: 263879

Ion Ratio Lower Upper

82 100

95 6.1 5.3 7.9

138 14.2 12.0 18.0



#26

2-Nitrophenol

Concen: 46.82 ng

RT: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

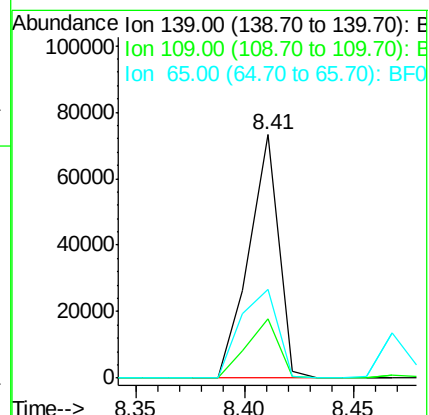
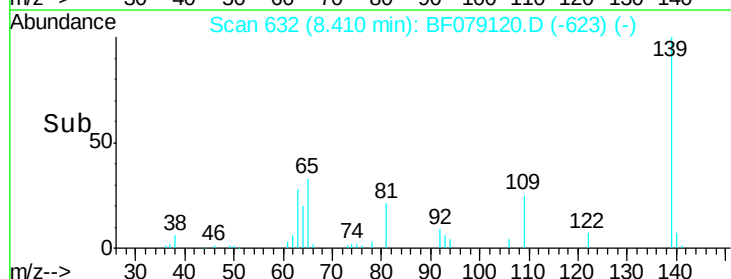
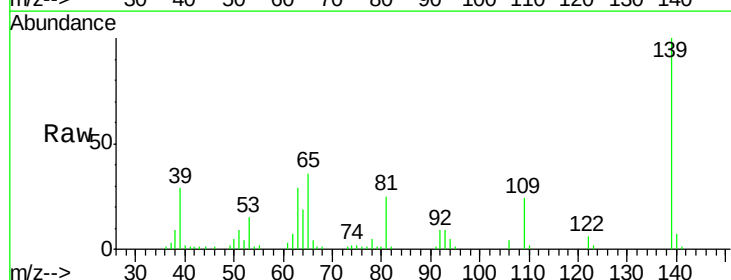
Tgt Ion: 139 Resp: 69589

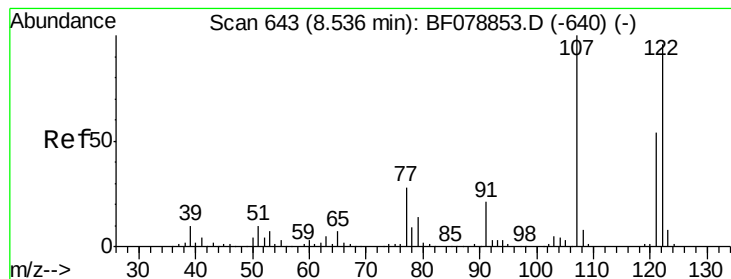
Ion Ratio Lower Upper

139 100

109 24.3 21.0 31.4

65 36.5 30.5 45.7

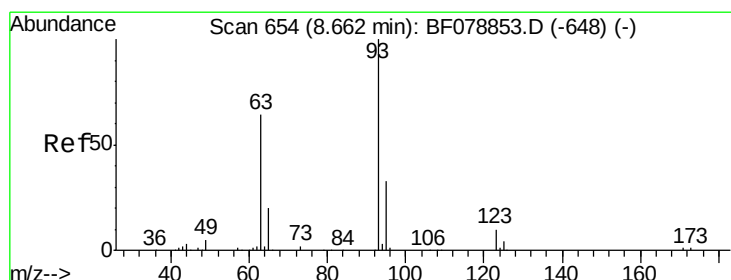
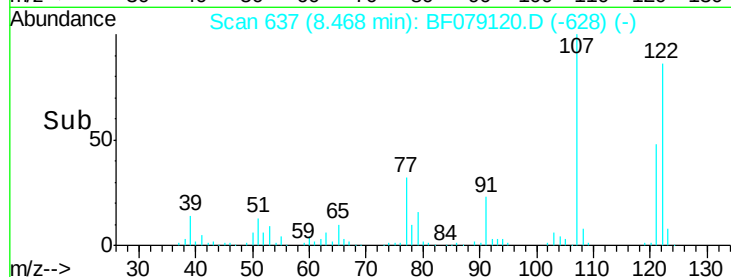
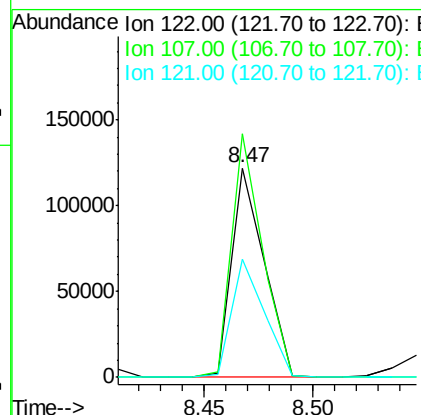
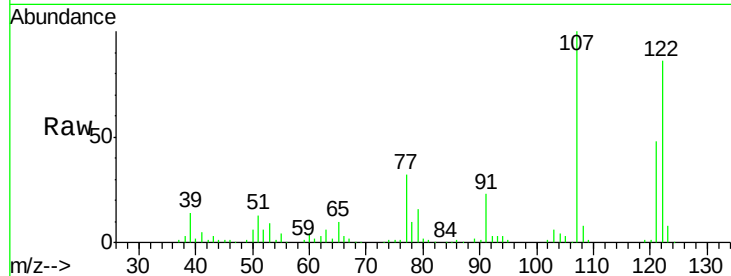




#27
 2,4-Dimethylphenol
 Concen: 42.63 ng
 RT: 8.47 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

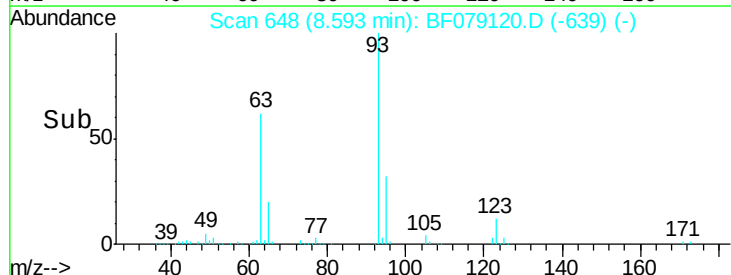
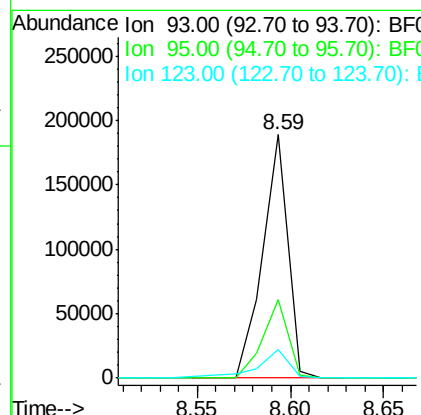
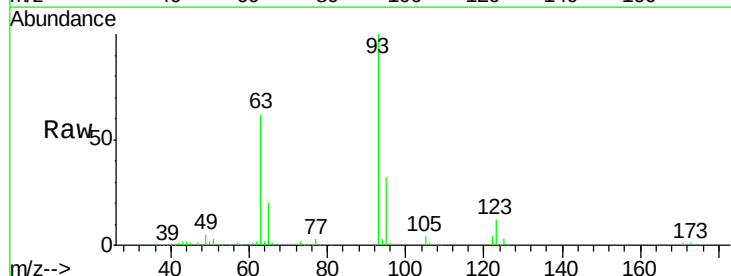
Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

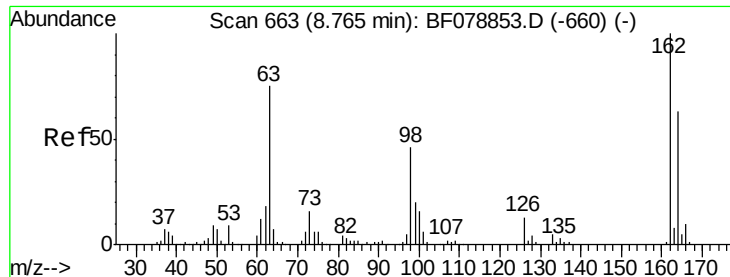
Tgt Ion: 122 Resp: 126782
 Ion Ratio Lower Upper
 122 100
 107 116.1 90.6 135.8
 121 56.1 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.37 ng
 RT: 8.59 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion: 93 Resp: 175407
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.7 40.1
 123 11.5 9.1 13.7

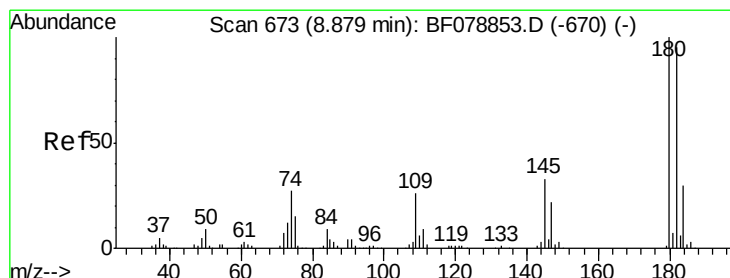
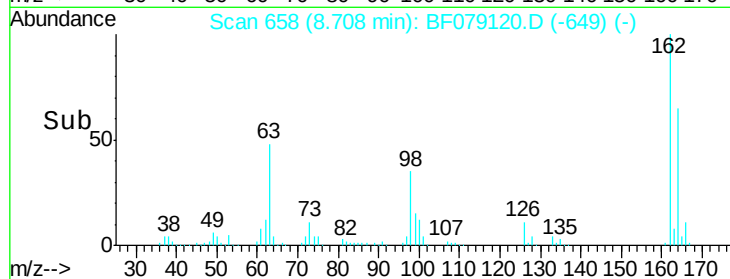
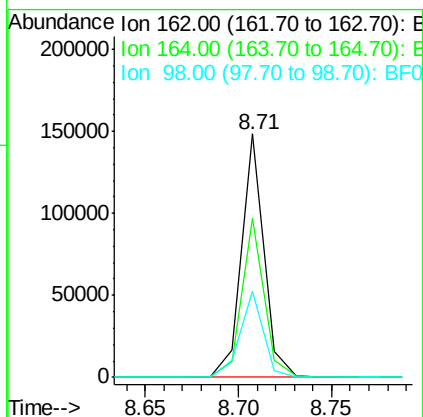
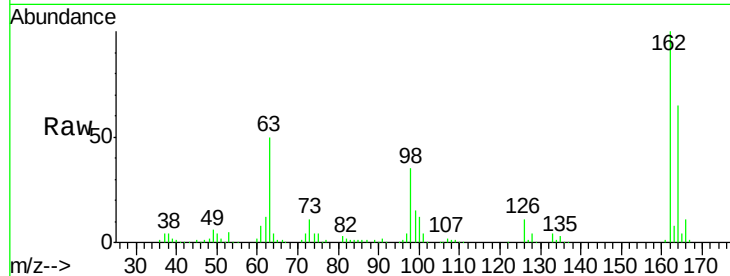




#29
 2,4-Dichlorophenol
 Concen: 47.45 ng
 RT: 8.71 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

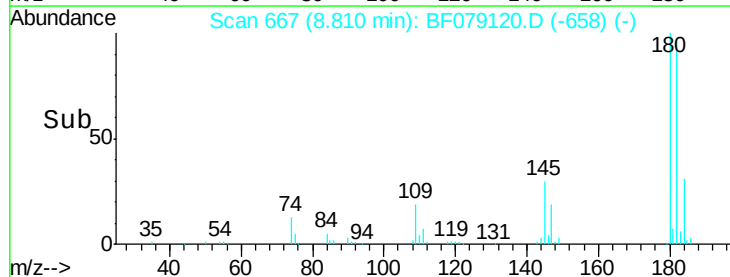
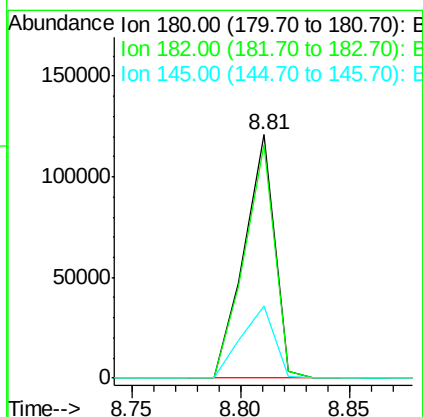
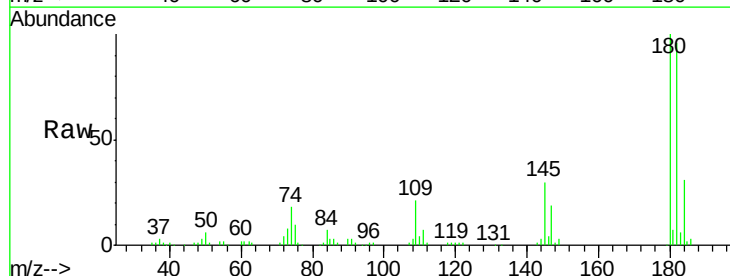
Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

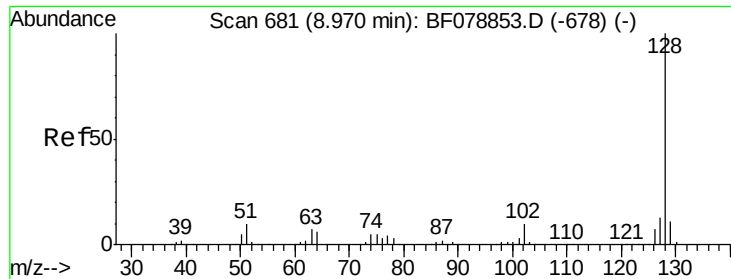
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	43.6	83.6
98	35.3	16.5	56.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.54 ng
 RT: 8.81 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.9	118.3
145	29.7	24.2	36.4

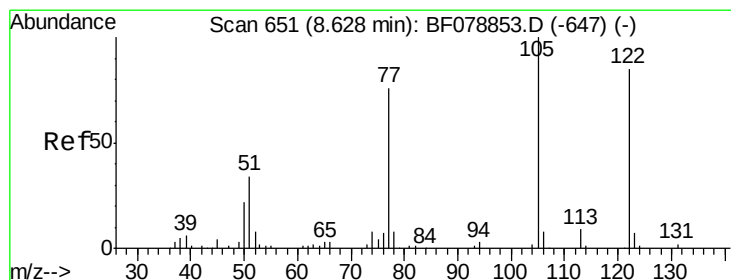
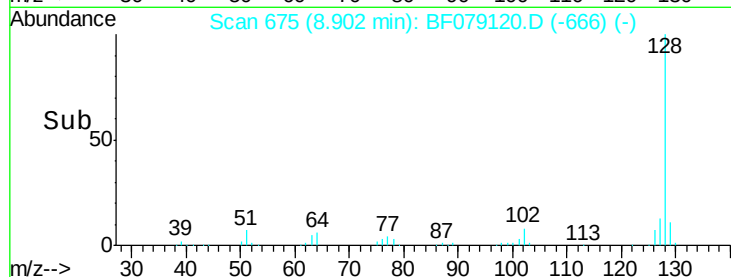
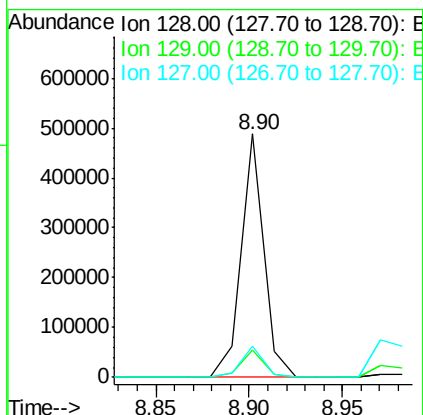
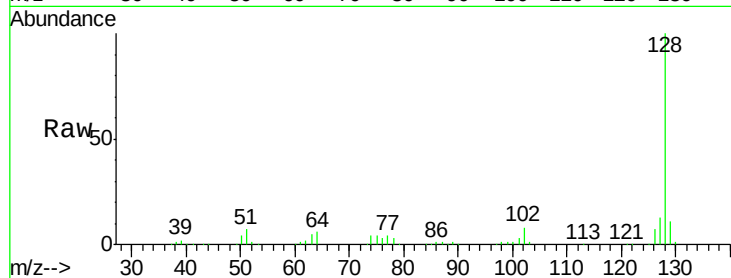




#31
Naphthalene
Concen: 41.64 ng
RT: 8.90 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

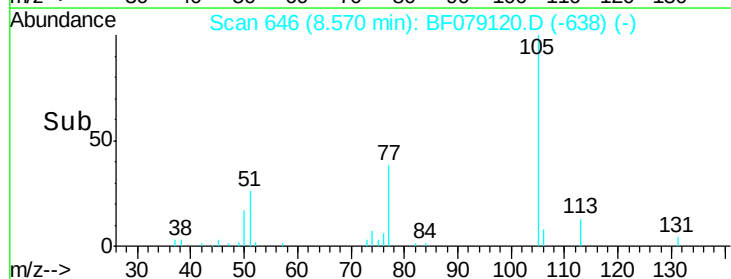
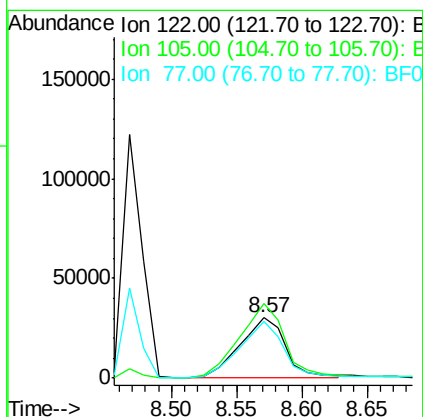
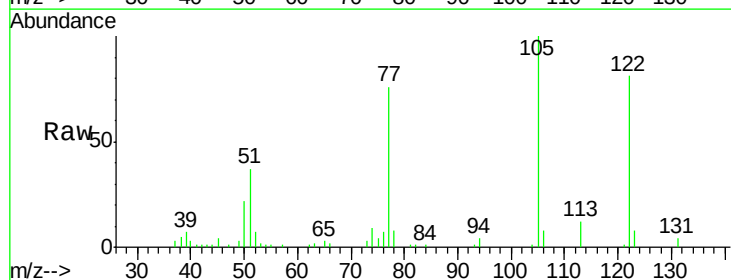
Instrument :
BNA_F
ClientSampleId :
PB83300BS

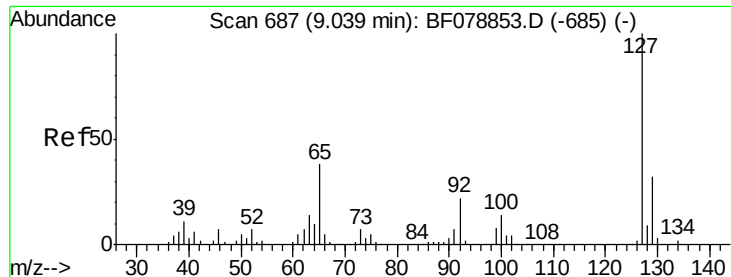
Tgt Ion:128 Resp: 413144
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 12.9 10.7 16.1



#32
Benzoic acid
Concen: 41.12 ng
RT: 8.57 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

Tgt Ion:122 Resp: 74658
Ion Ratio Lower Upper
122 100
105 124.1 107.1 147.1
77 93.8 73.9 113.9

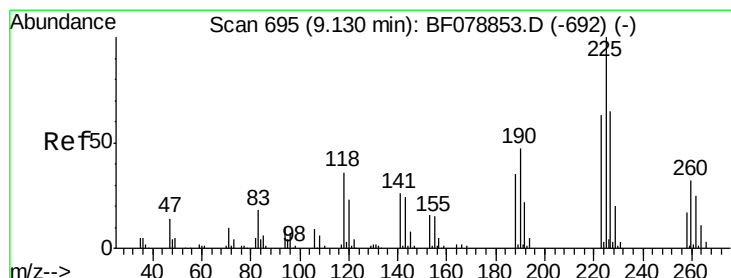
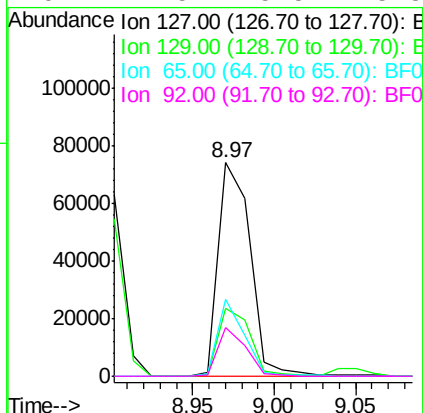
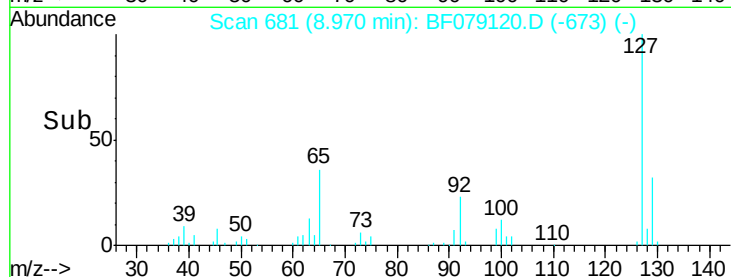
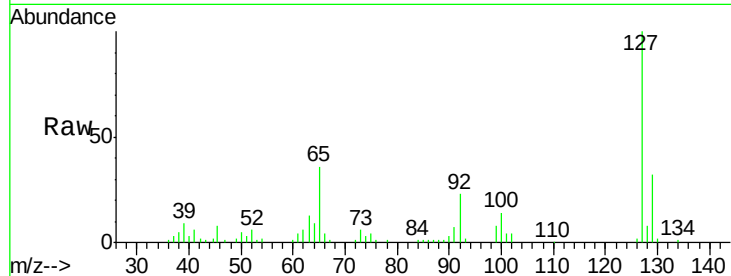




#33
4-Chloroaniline
Concen: 24.08 ng
RT: 8.97 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

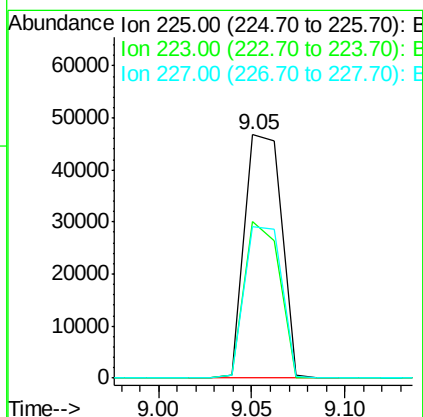
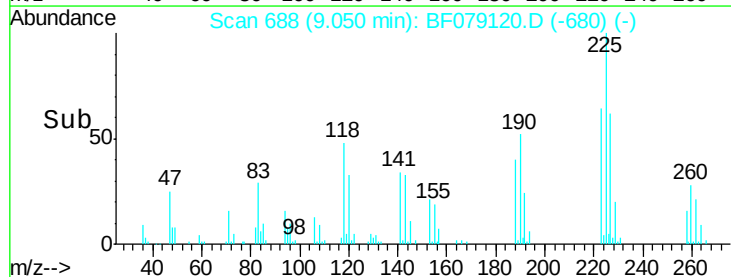
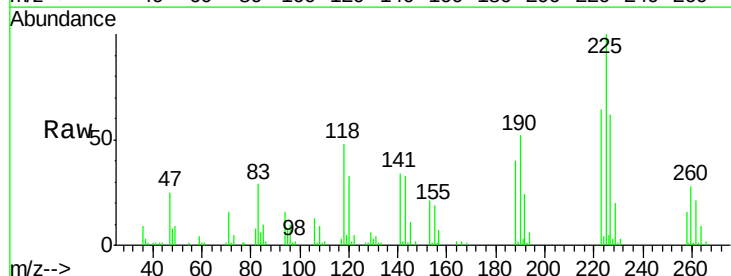
Instrument :
BNA_F
ClientSampleId :
PB83300BS

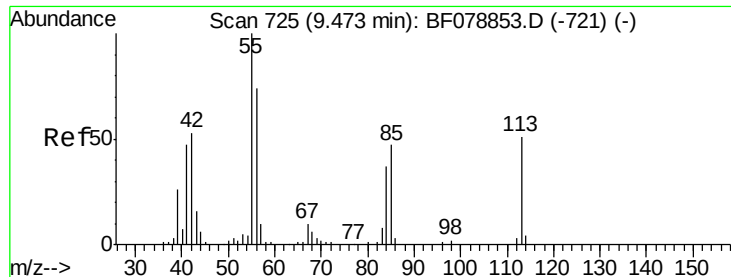
Tgt Ion:	127	Resp:	101065
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	36.1	25.8	38.6
92	22.5	15.5	23.3



#34
Hexachlorobutadiene
Concen: 38.33 ng
RT: 9.05 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

Tgt Ion:	225	Resp:	64132
Ion	Ratio	Lower	Upper
225	100		
223	64.3	48.2	72.4
227	62.3	51.4	77.0

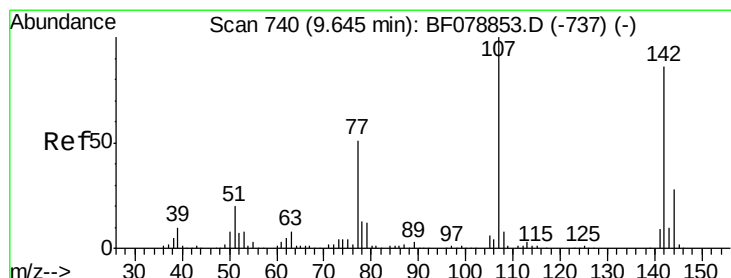
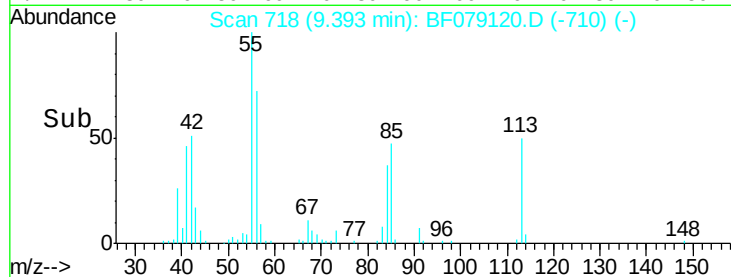
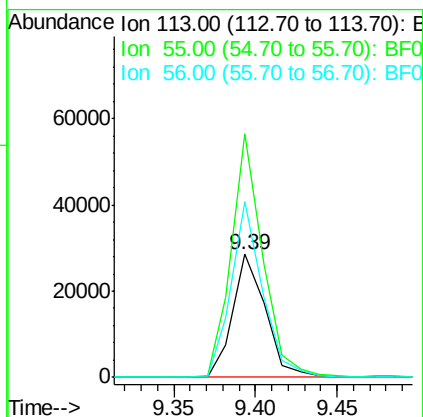
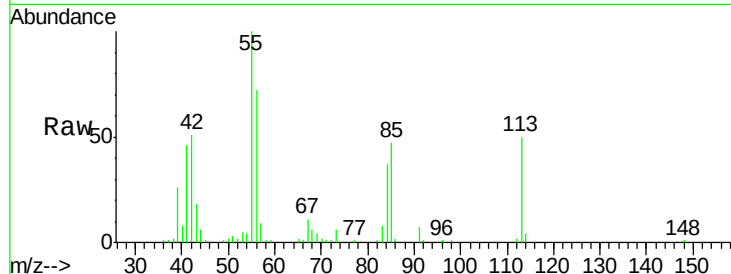




#35
 Caprolactam
 Concen: 46.22 ng
 RT: 9.39 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

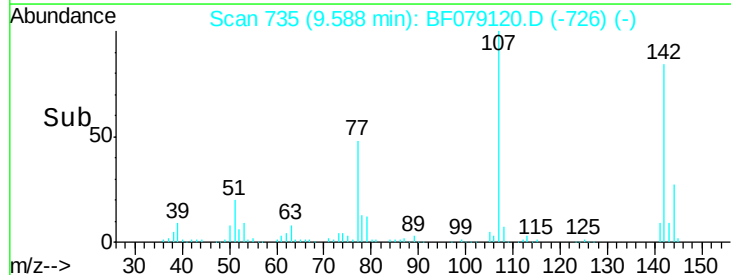
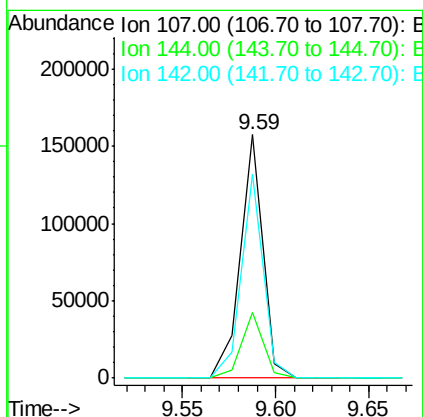
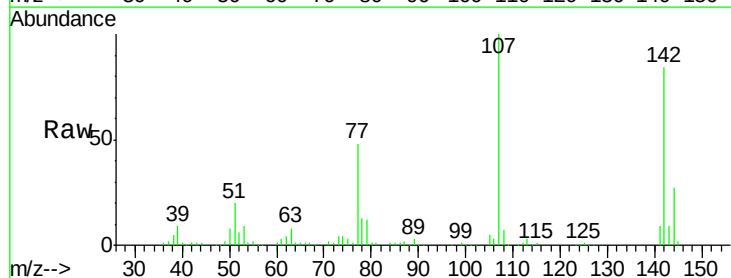
Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

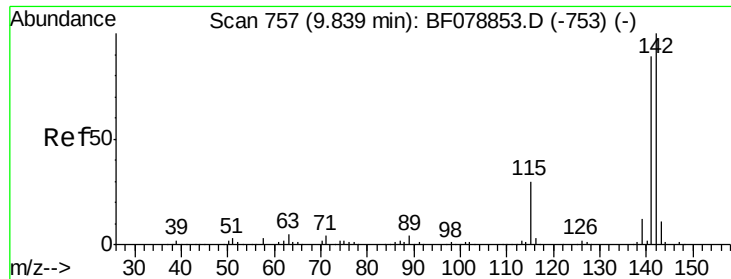
Tgt Ion:113 Resp: 39531
 Ion Ratio Lower Upper
 113 100
 55 198.2 169.7 209.7
 56 143.6 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 48.16 ng
 RT: 9.59 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion:107 Resp: 133772
 Ion Ratio Lower Upper
 107 100
 144 26.7 19.8 29.6
 142 83.8 60.6 91.0

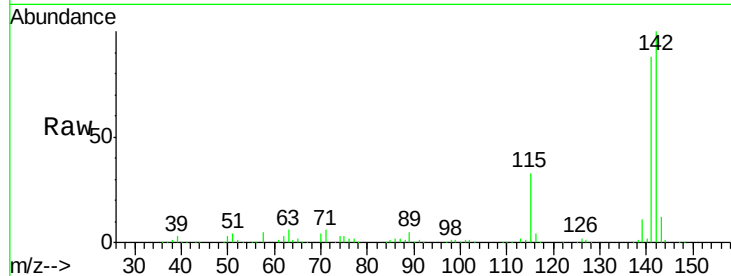




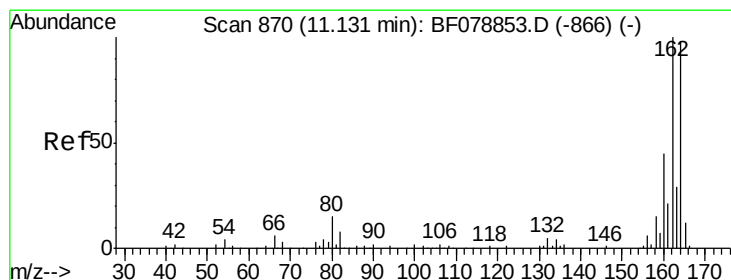
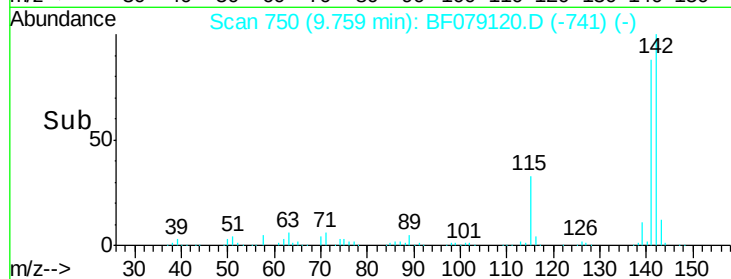
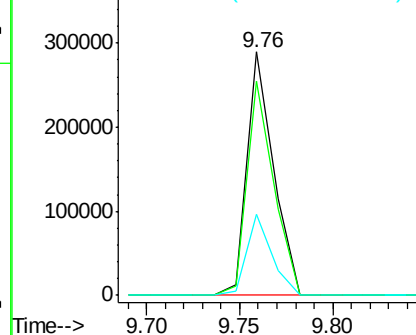
#37
 2-Methylnaphthalene
 Concen: 41.73 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.9	106.3
115	33.3	28.5	42.7

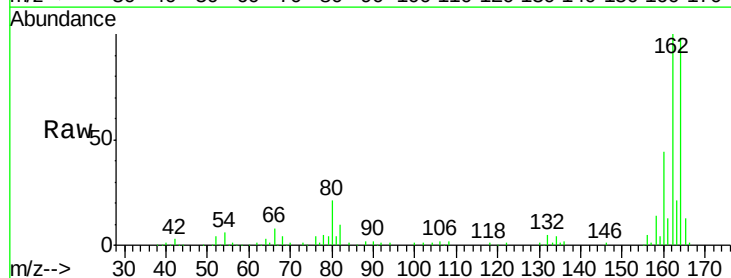


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

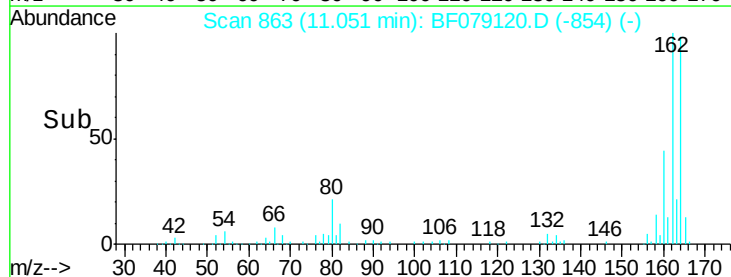
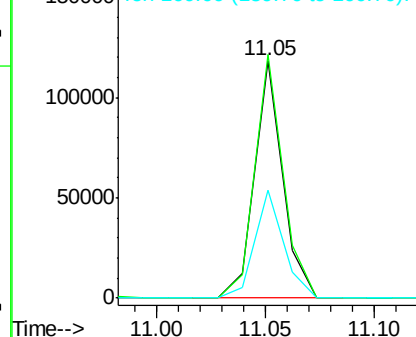


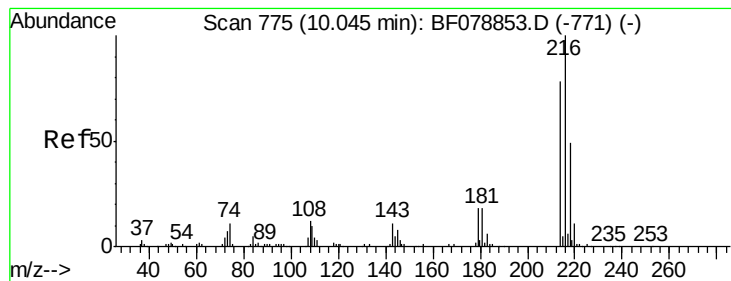
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.7	124.1
160	45.6	35.8	53.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.35 ng

RT: 9.96 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

Tgt Ion:216 Resp: 114113

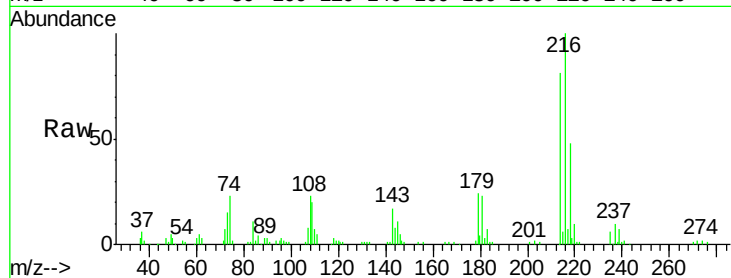
Ion Ratio Lower Upper

216 100

214 78.7 0.0 0.0#

179 22.5 0.0 0.0#

108 23.3 0.0 0.0#

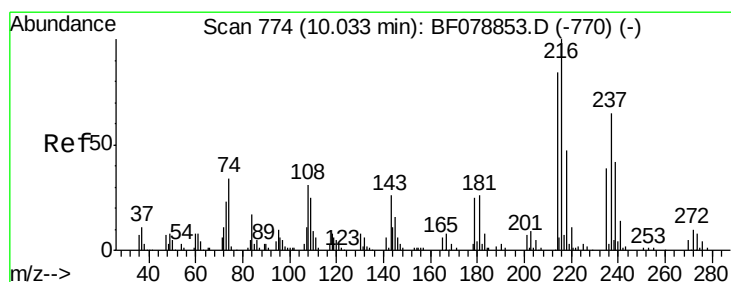
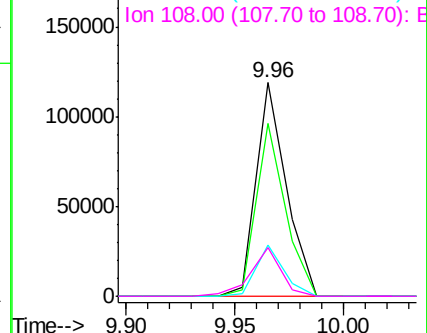
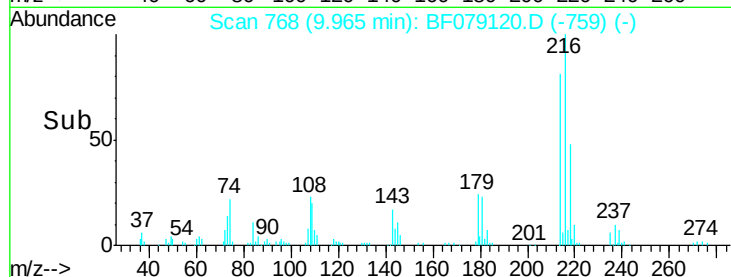


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.82 ng

RT: 9.95 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

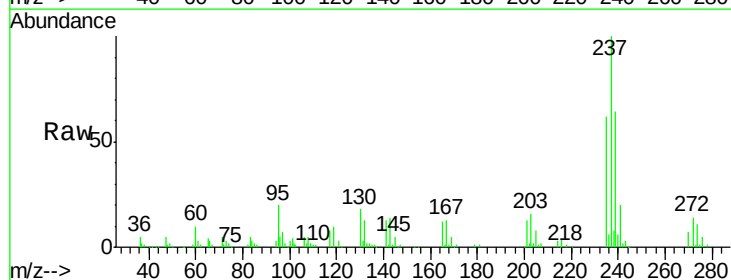
Tgt Ion:237 Resp: 110458

Ion Ratio Lower Upper

237 100

235 62.2 44.7 84.7

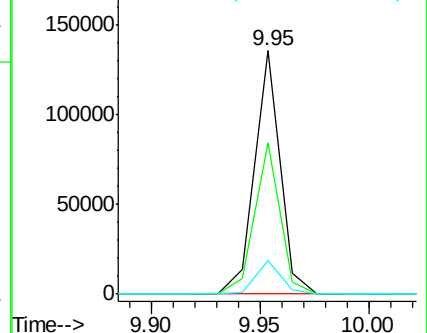
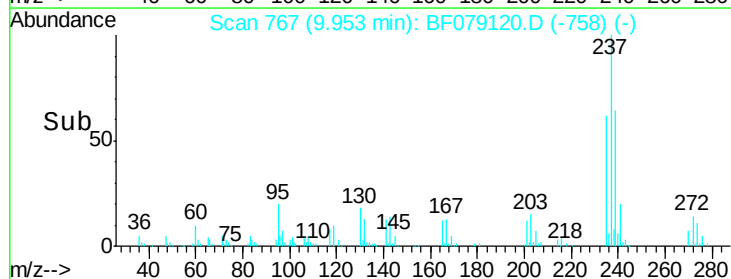
272 13.8 0.0 32.6

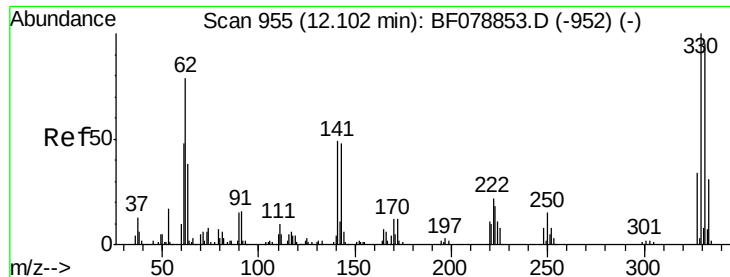


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

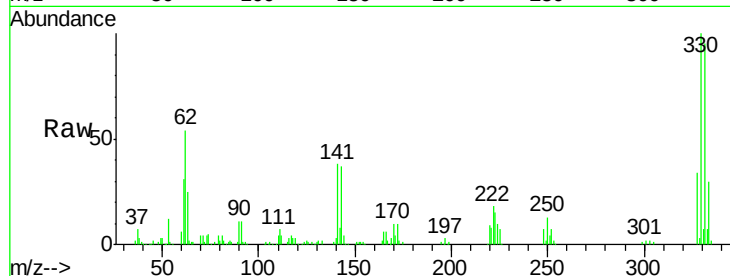




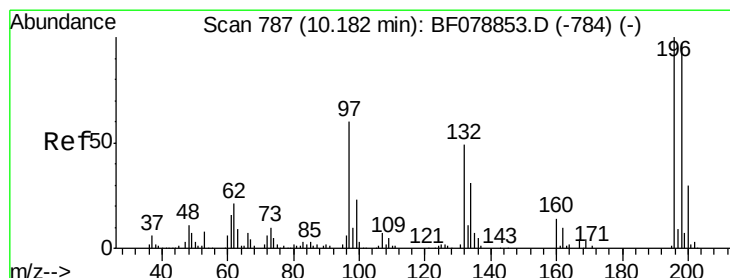
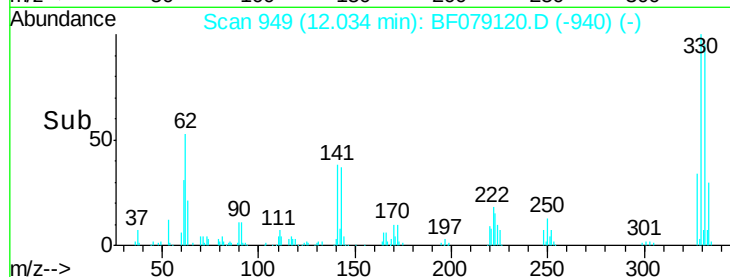
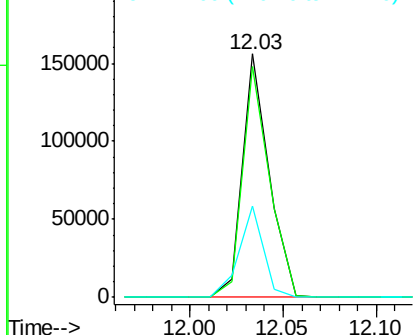
#41
 2,4,6-Tribromophenol
 Concen: 135.76 ng
 RT: 12.03 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

Tgt Ion:330 Resp: 155174
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 34.4 0.0 0.0#

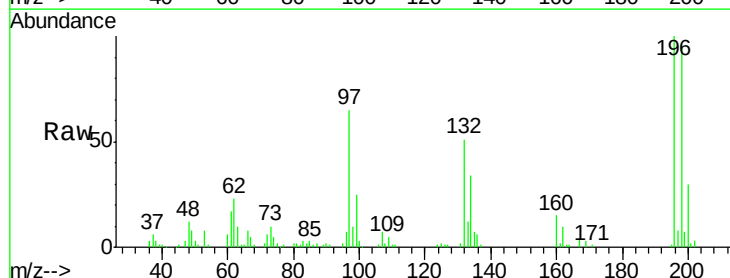


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

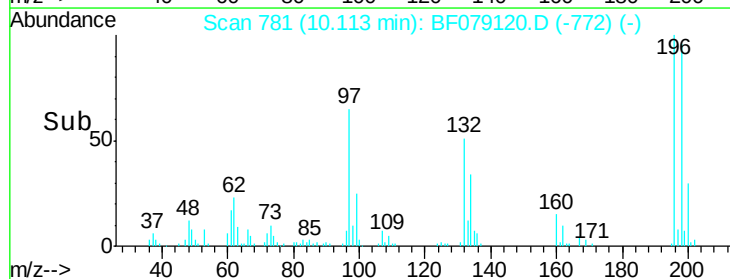
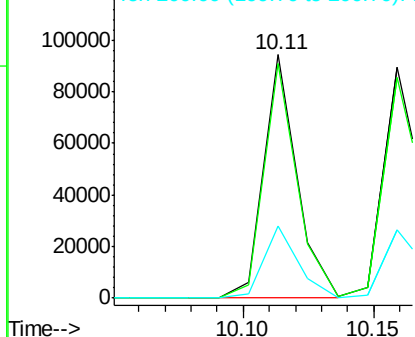


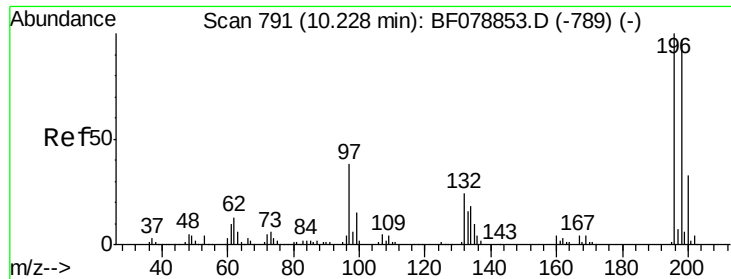
#42
 2,4,6-Trichlorophenol
 Concen: 41.03 ng
 RT: 10.11 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion:196 Resp: 83937
 Ion Ratio Lower Upper
 196 100
 198 96.3 80.5 120.7
 200 29.9 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

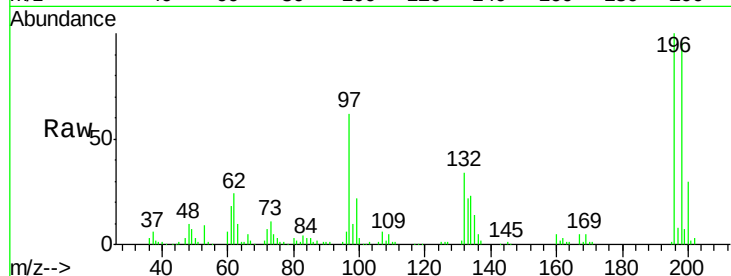




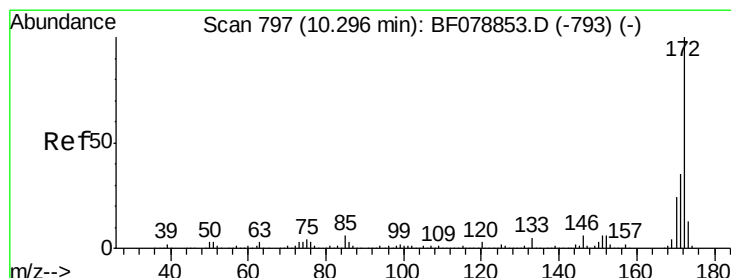
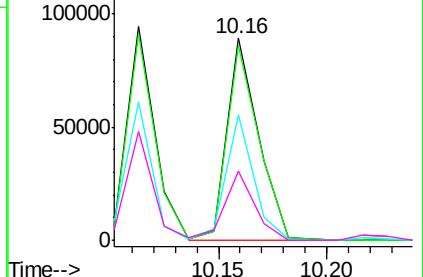
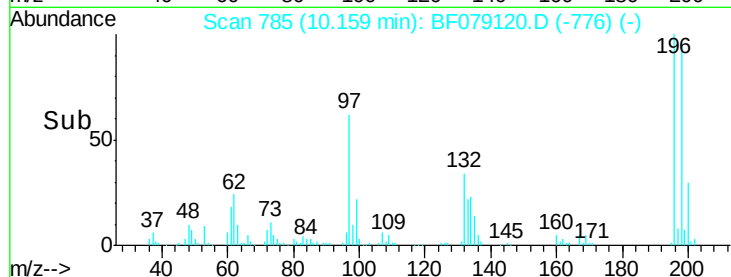
#43
 2,4,5-Trichlorophenol
 Concen: 43.19 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

Tgt Ion:	196	Resp:	89339
Ion	Ratio	Lower	Upper
196	100		
198	96.0	79.8	119.6
97	62.2	46.0	69.0
132	34.3	26.6	40.0

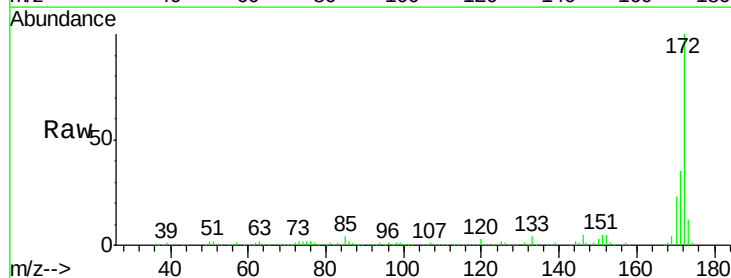


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

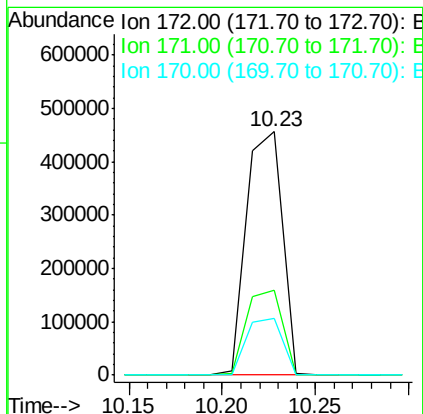
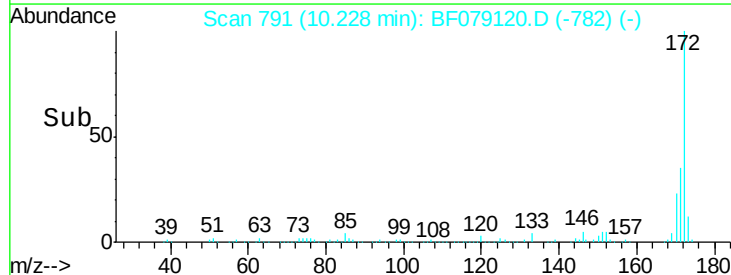


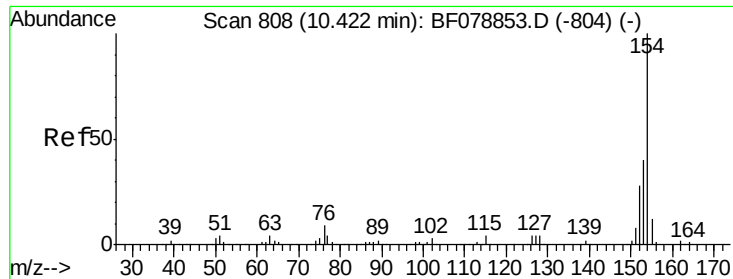
#44
 2-Fluorobiphenyl
 Concen: 80.39 ng
 RT: 10.23 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion:	172	Resp:	609643
Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	23.3	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

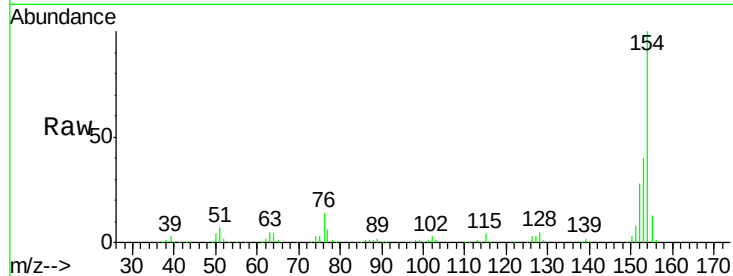




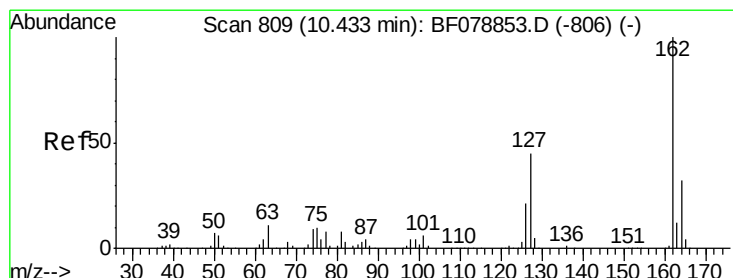
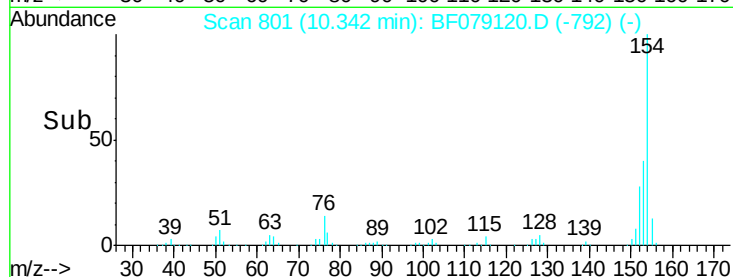
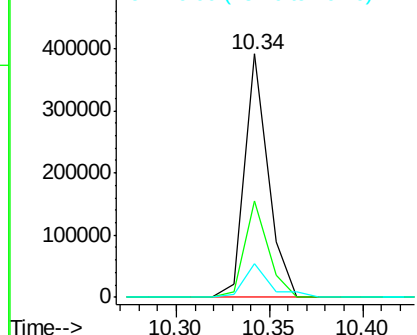
#45
 1,1'-Biphenyl
 Concen: 41.09 ng
 RT: 10.34 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

Tgt Ion:	154	Resp:	345141
Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.9	59.9
76	13.7	0.0	35.0

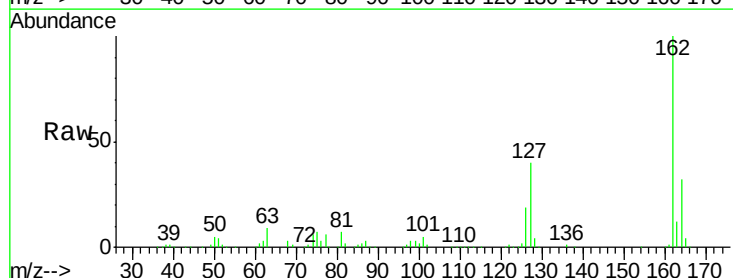


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

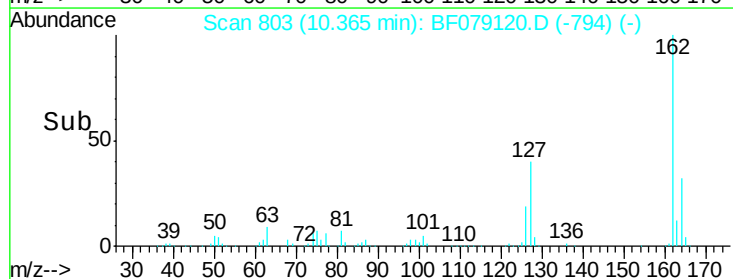
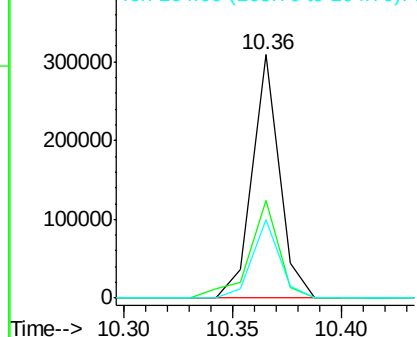


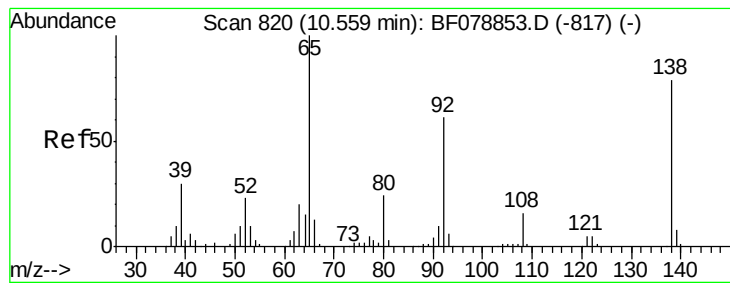
#46
 2-Chloronaphthalene
 Concen: 40.80 ng
 RT: 10.36 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion:	162	Resp:	267332
Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.9	50.9
164	32.2	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: 41.09 ng

RT: 10.49 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

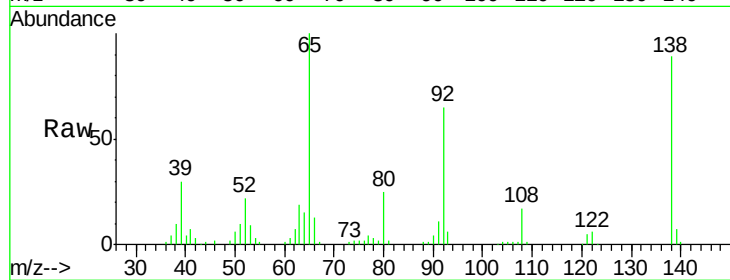
Tgt Ion: 65 Resp: 77999

Ion Ratio Lower Upper

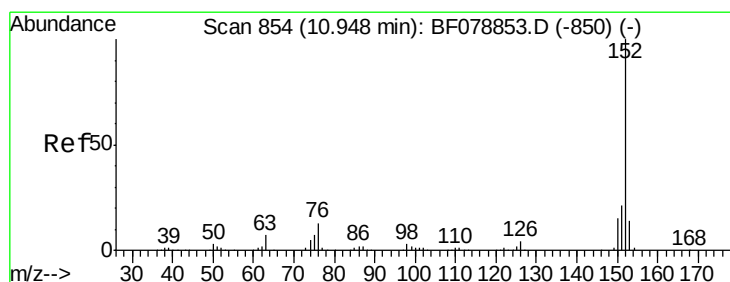
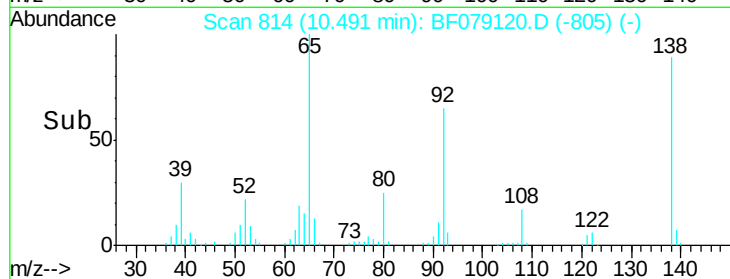
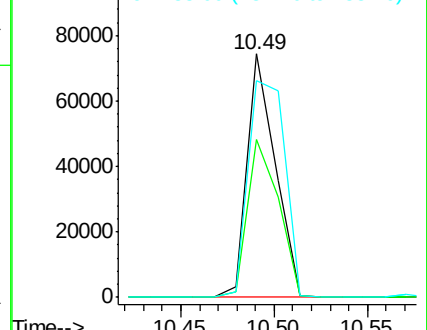
65 100

92 65.1 54.0 81.0

138 89.1 75.0 112.6



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



#48

Acenaphthylene

Concen: 41.82 ng

RT: 10.88 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

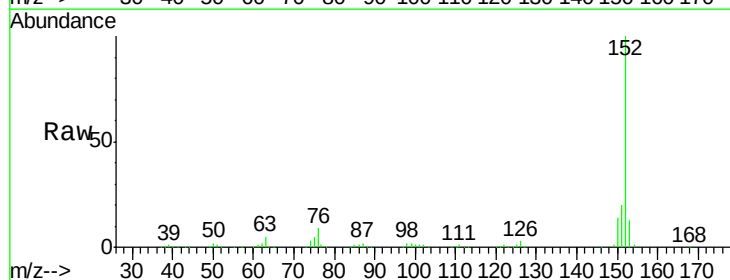
Tgt Ion: 152 Resp: 449873

Ion Ratio Lower Upper

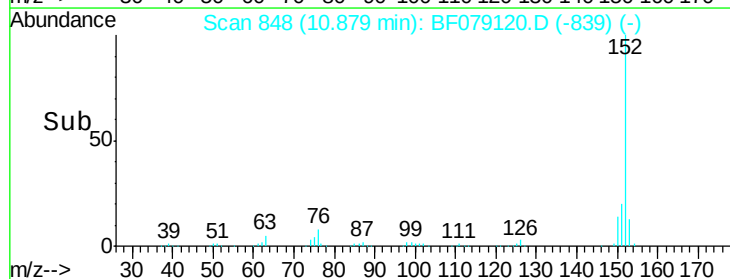
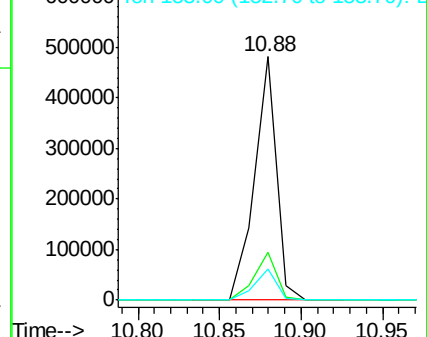
152 100

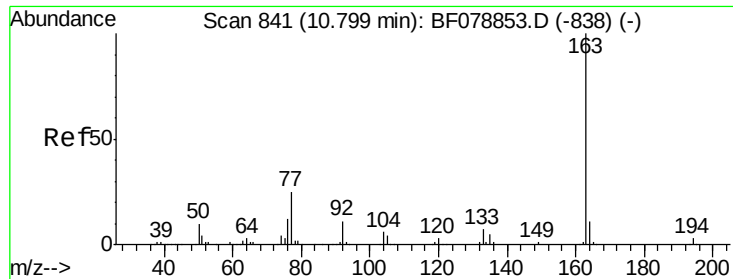
151 19.8 16.2 24.4

153 13.0 10.9 16.3



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

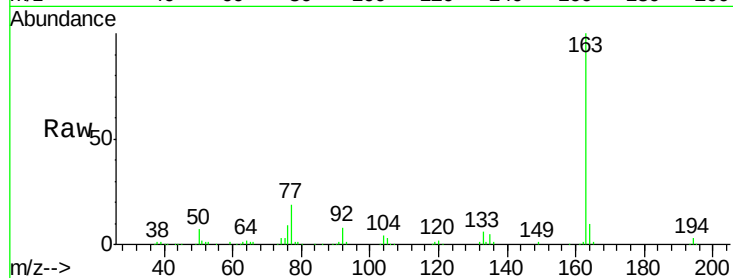




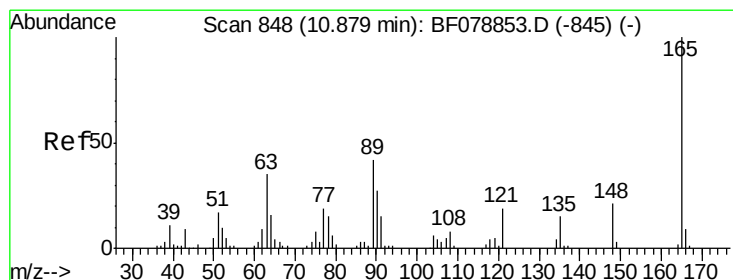
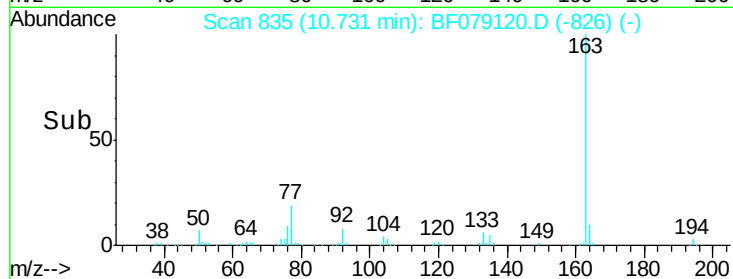
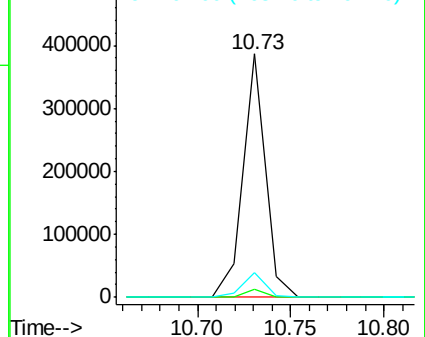
#49
Dimethylphthalate
Concen: 41.81 ng
RT: 10.73 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

Instrument :
BNA_F
ClientSampleId :
PB83300BS

Tgt Ion:163 Resp: 324208
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 8.1 12.1

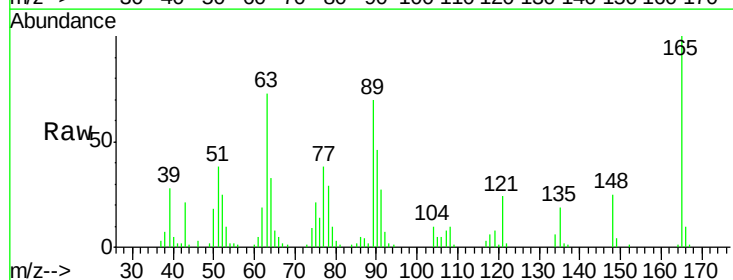


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

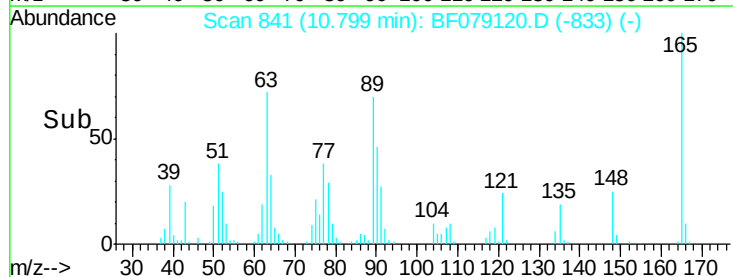
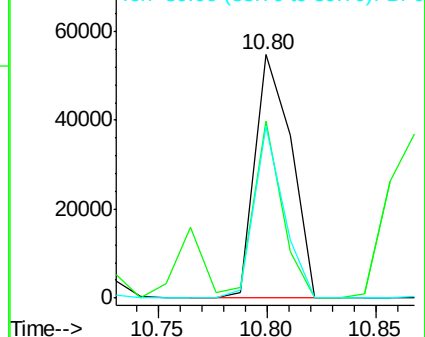


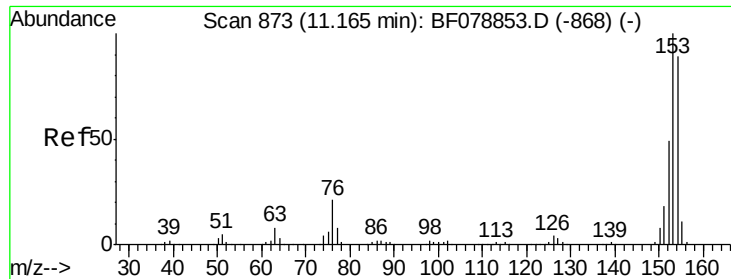
#50
2,6-Dinitrotoluene
Concen: 41.52 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

Tgt Ion:165 Resp: 63542
Ion Ratio Lower Upper
165 100
63 72.7 54.4 81.6
89 70.4 55.7 83.5



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





#51

Acenaphthene

Concen: 39.26 ng

RT: 11.10 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

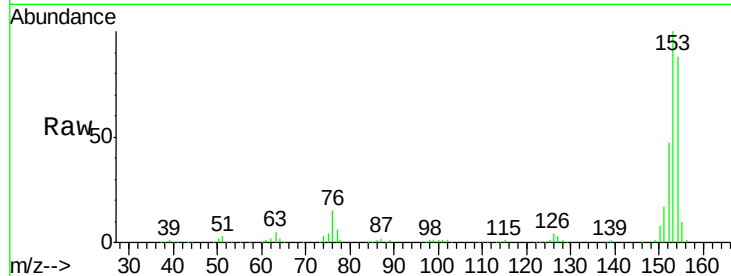
Tgt Ion:154 Resp: 251853

Ion Ratio Lower Upper

154 100

153 114.3 91.5 137.3

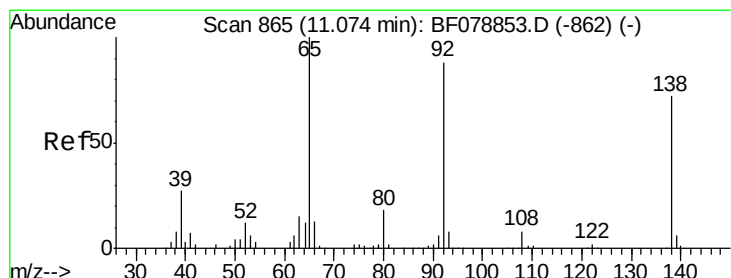
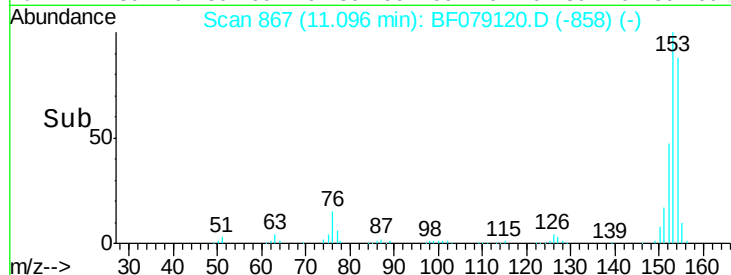
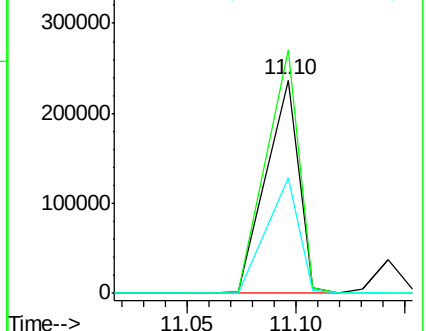
152 54.1 44.2 66.4



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: 33.64 ng

RT: 11.00 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

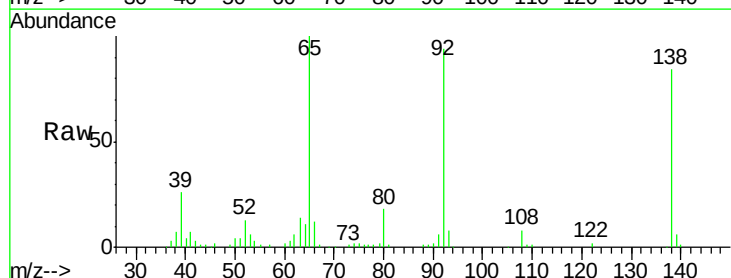
Tgt Ion:138 Resp: 64310

Ion Ratio Lower Upper

138 100

108 9.8 10.6 16.0#

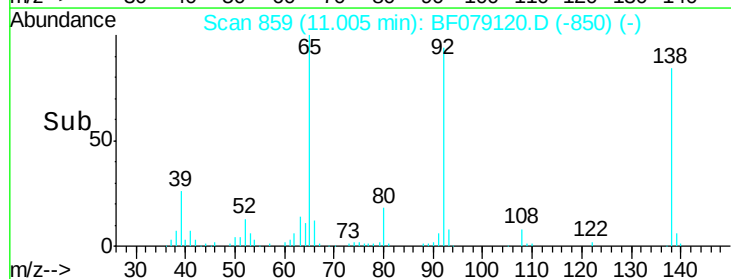
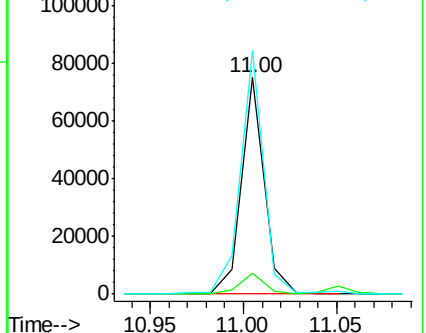
92 112.6 81.8 122.6

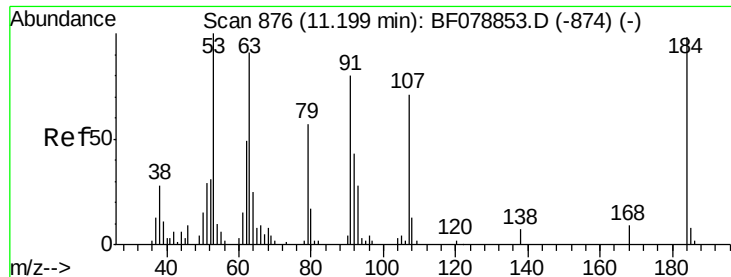


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

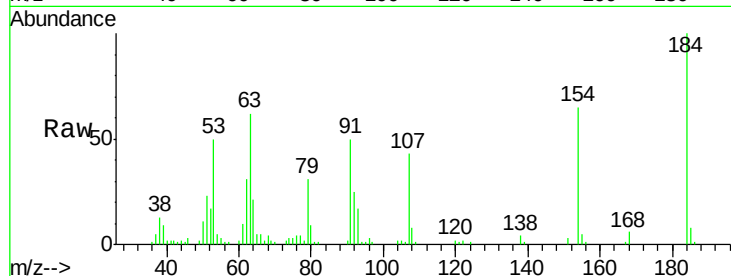




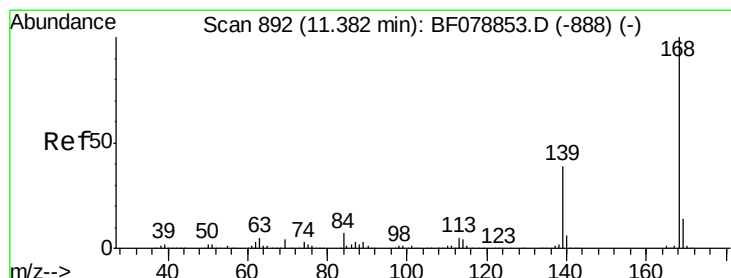
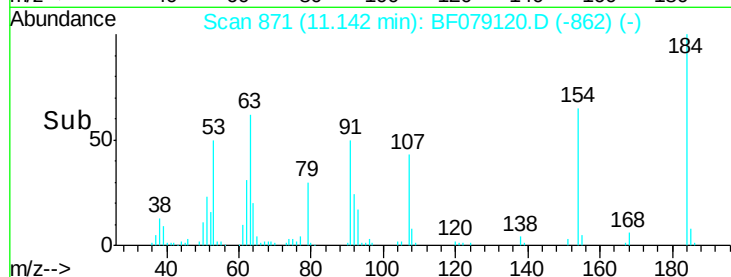
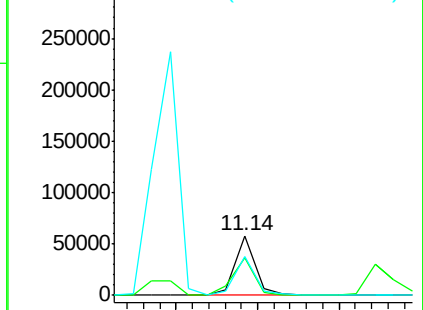
#53
 2,4-Dinitrophenol
 Concen: 78.44 ng
 RT: 11.14 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

Tgt Ion:184 Resp: 50300
 Ion Ratio Lower Upper
 184 100
 63 62.3 63.3 94.9#
 154 65.1 53.8 80.6

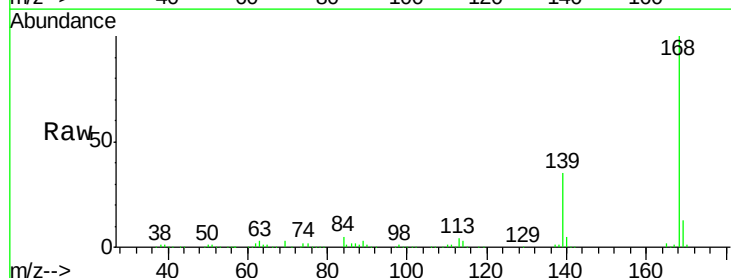


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

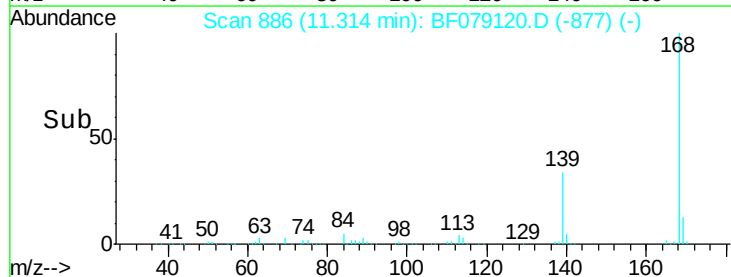
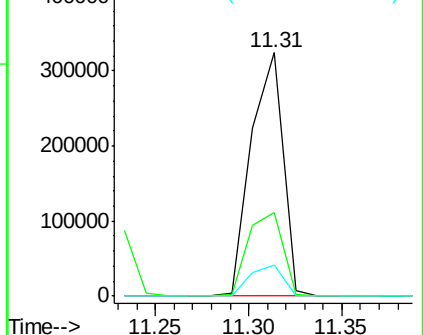


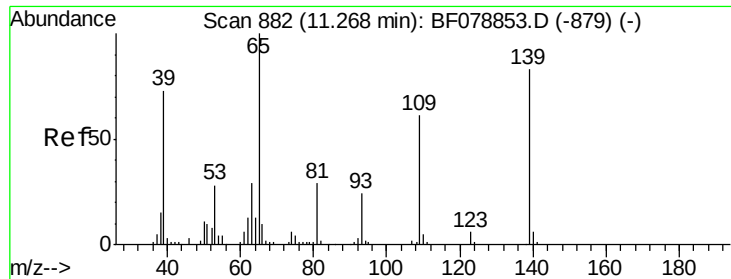
#54
 Dibenzofuran
 Concen: 41.54 ng
 RT: 11.31 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion:168 Resp: 384972
 Ion Ratio Lower Upper
 168 100
 139 34.5 31.0 46.4
 169 13.0 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

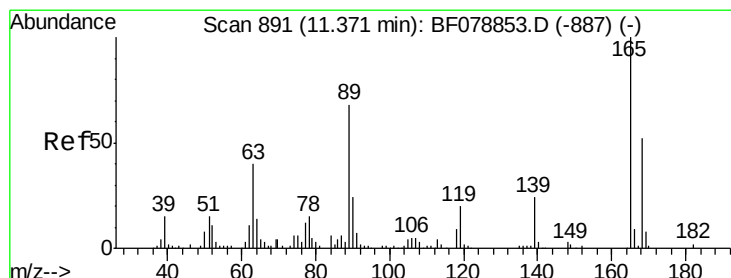
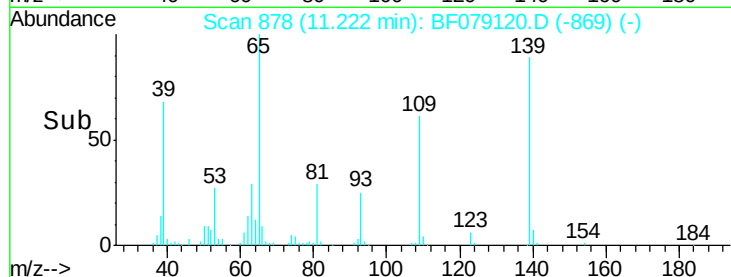
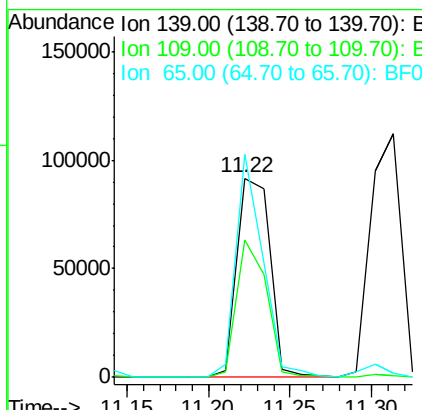
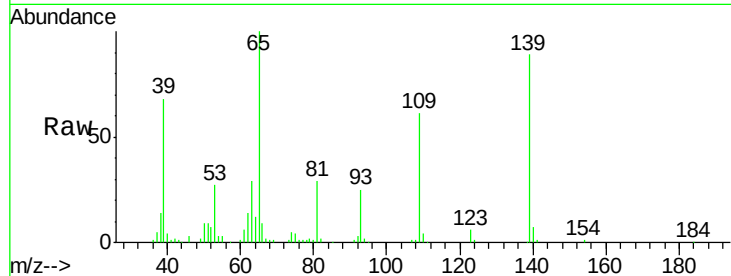




#55
4-Nitrophenol
Concen: 85.03 ng
RT: 11.22 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

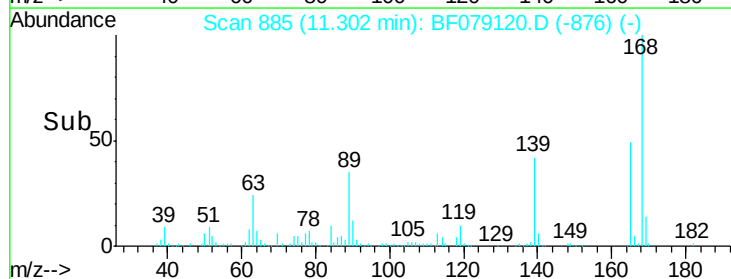
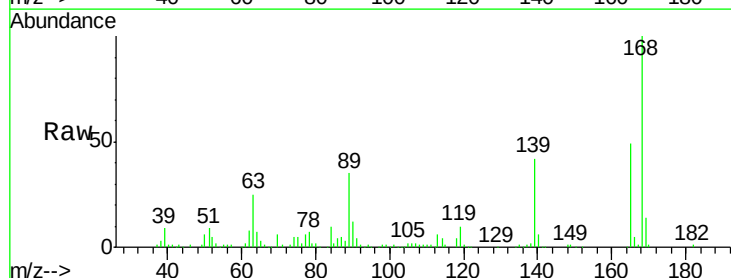
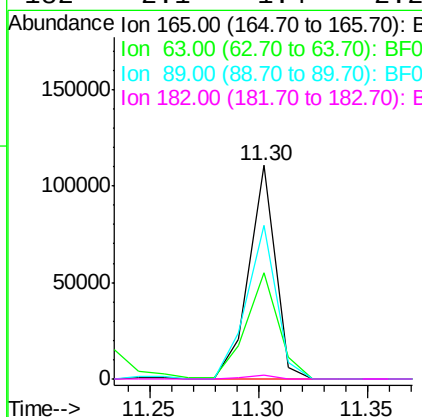
Instrument :
BNA_F
ClientSampleId :
PB83300BS

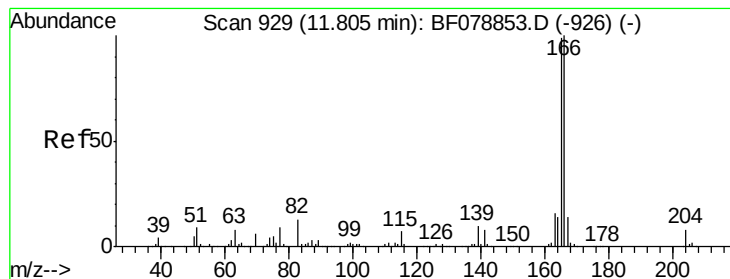
Tgt Ion:139 Resp: 128661
Ion Ratio Lower Upper
139 100
109 68.9 47.6 87.6
65 112.1 54.3 94.3#



#56
2,4-Dinitrotoluene
Concen: 46.62 ng
RT: 11.30 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

Tgt Ion:165 Resp: 94314
Ion Ratio Lower Upper
165 100
63 49.8 51.2 76.8#
89 72.1 82.7 124.1#
182 2.1 1.4 2.2





#57

Fluorene

Concen: 42.53 ng

RT: 11.74 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

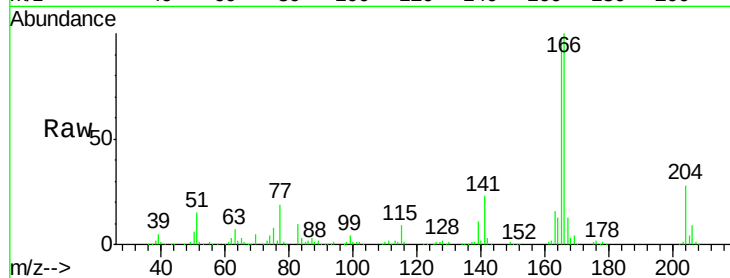
Tgt Ion:166 Resp: 323479

Ion Ratio Lower Upper

166 100

165 98.3 78.5 117.7

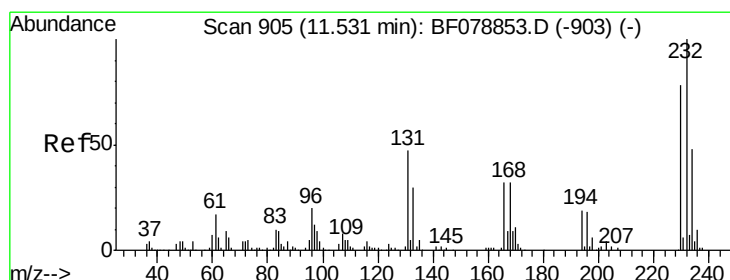
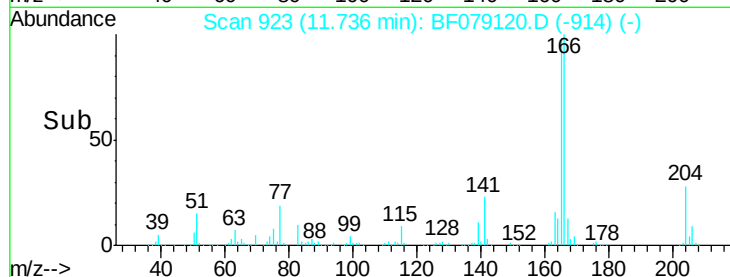
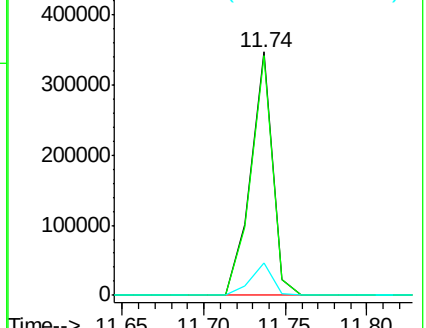
167 13.4 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.69 ng

RT: 11.46 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Tgt Ion:232 Resp: 73843

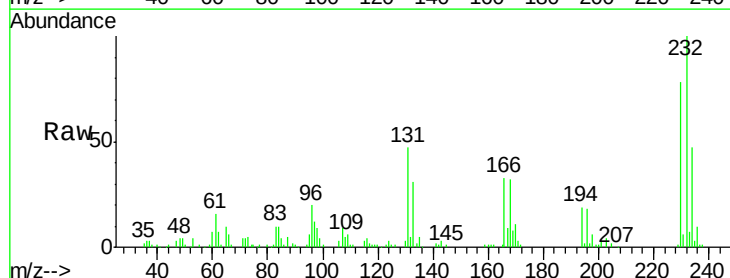
Ion Ratio Lower Upper

232 100

131 49.7 0.0 0.0#

130 2.6 0.0 0.0#

166 33.4 0.0 0.0#

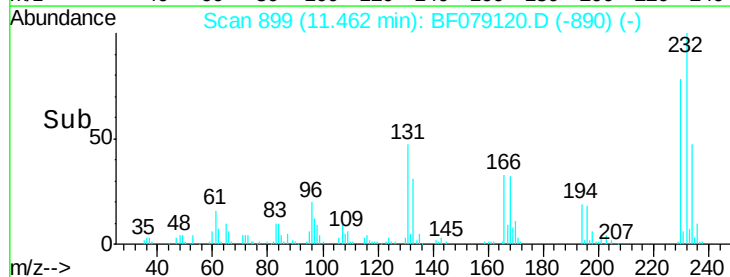
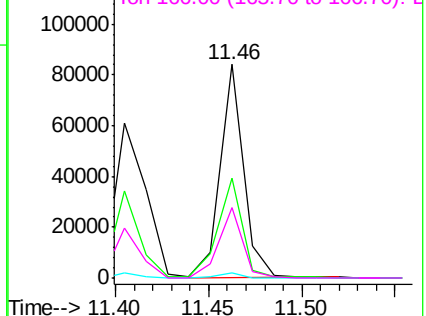


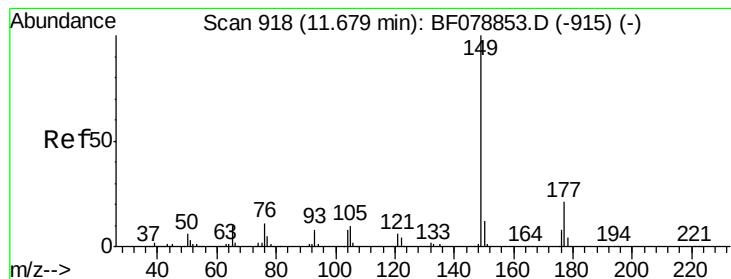
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.74 ng

RT: 11.61 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

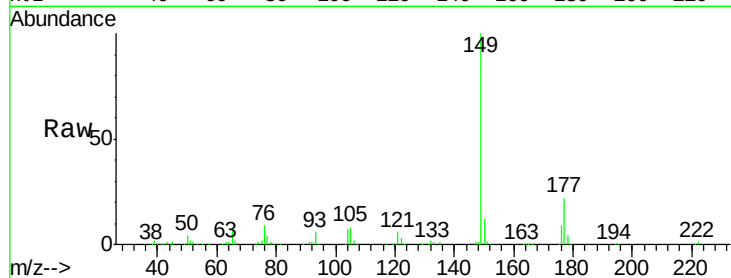
Tgt Ion:149 Resp: 320654

Ion Ratio Lower Upper

149 100

177 21.6 17.5 26.3

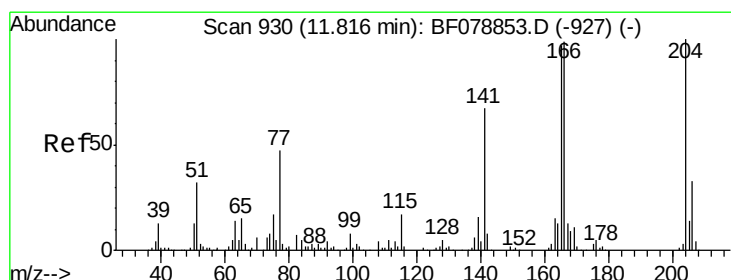
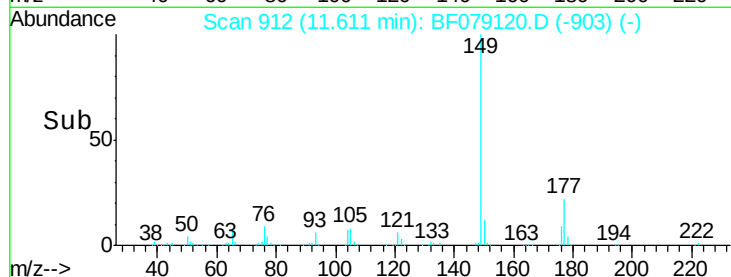
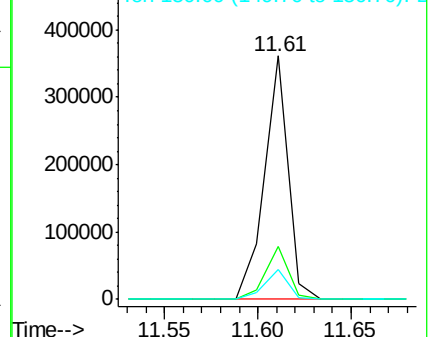
150 12.4 9.6 14.4



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: 39.37 ng

RT: 11.74 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

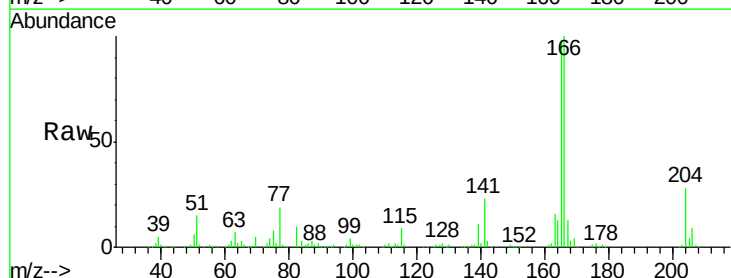
Tgt Ion:204 Resp: 132841

Ion Ratio Lower Upper

204 100

206 32.9 26.9 40.3

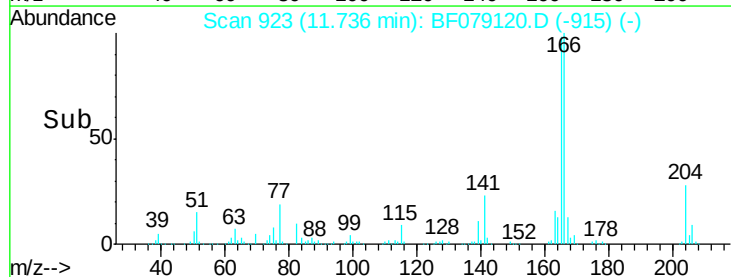
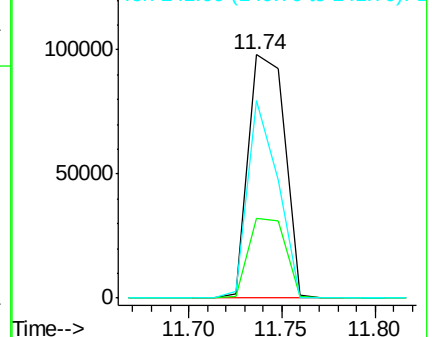
141 81.3 48.3 72.5#

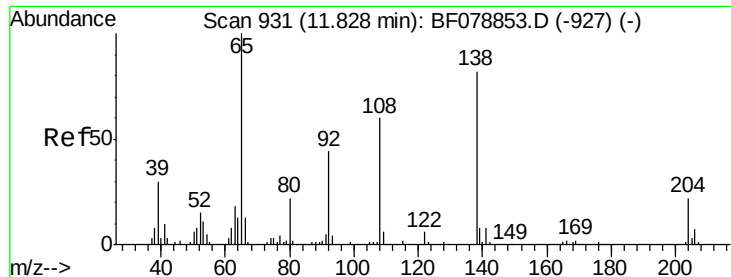


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

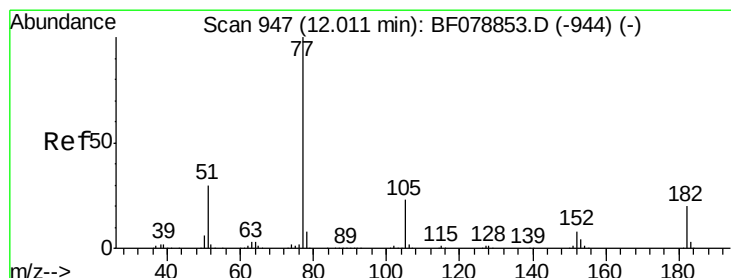
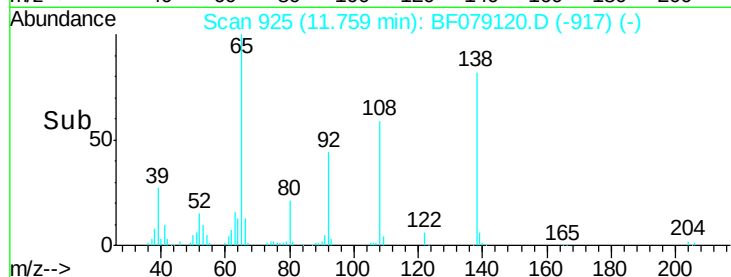
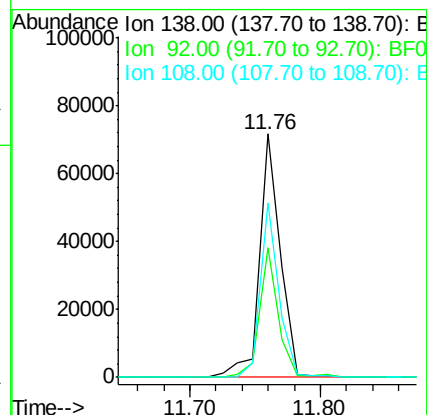
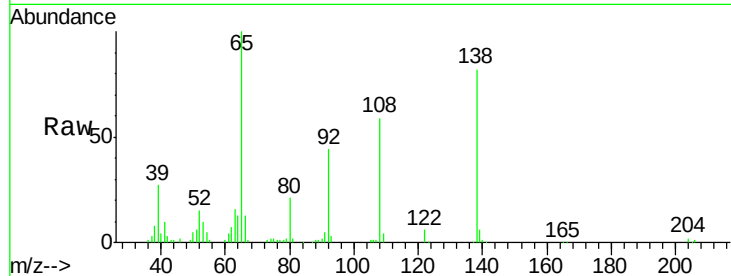




#61
4-Nitroaniline
Concen: 41.67 ng
RT: 11.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

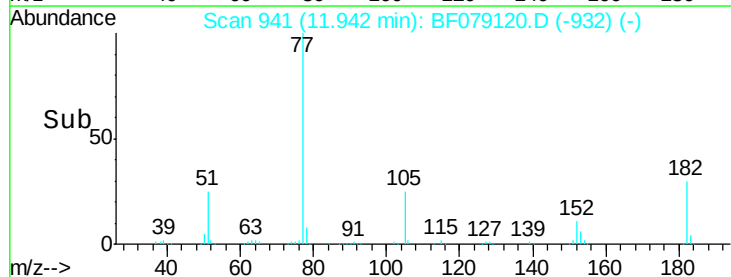
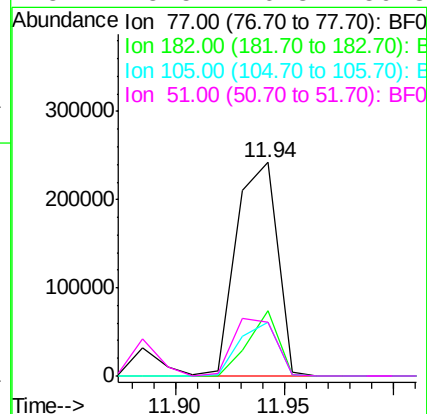
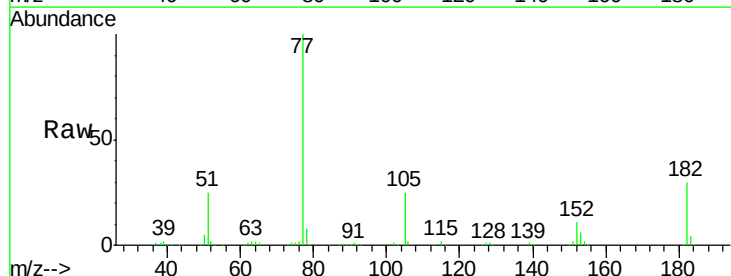
Instrument :
BNA_F
ClientSampleId :
PB83300BS

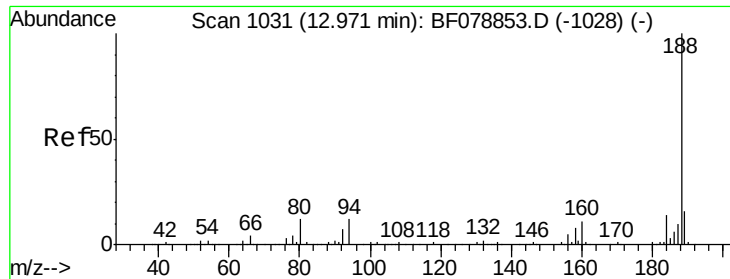
Tgt Ion:138 Resp: 79691
Ion Ratio Lower Upper
138 100
92 53.4 28.0 68.0
108 71.8 56.3 96.3



#62
Azobenzene
Concen: 41.85 ng
RT: 11.94 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

Tgt Ion: 77 Resp: 316780
Ion Ratio Lower Upper
77 100
182 30.4 3.8 43.8
105 25.4 3.9 43.9
51 25.5 10.8 50.8

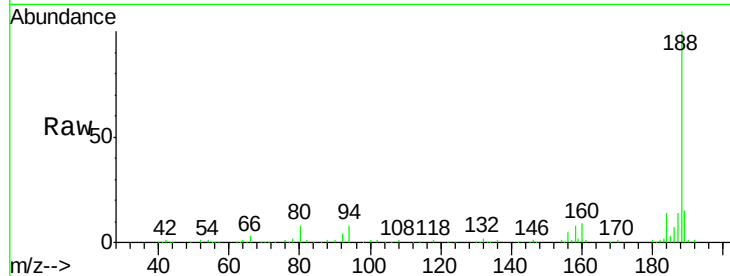




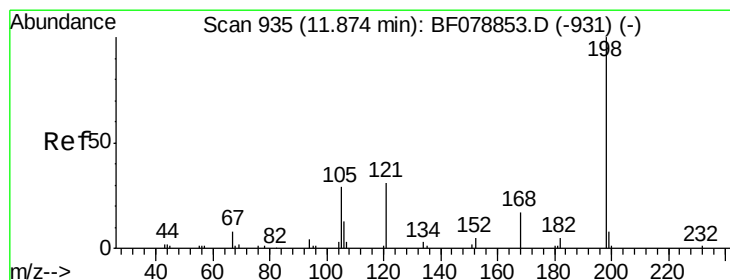
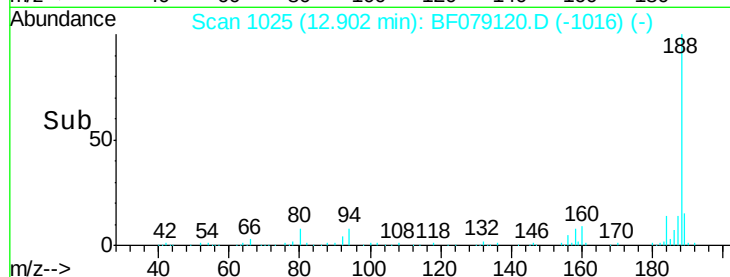
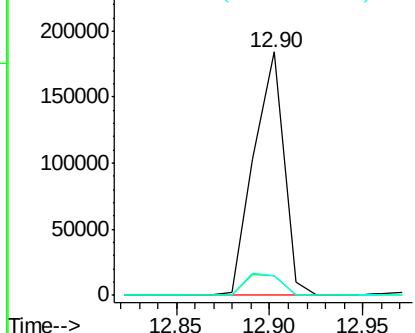
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.90 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.1	8.9	13.3#

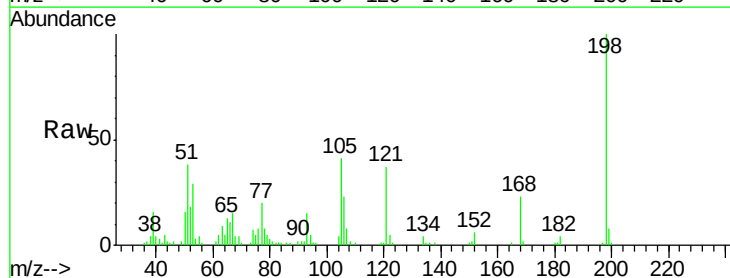


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

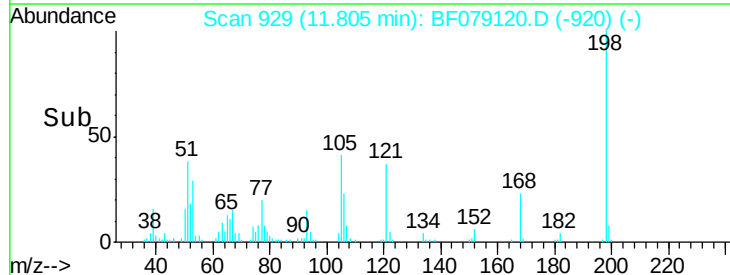
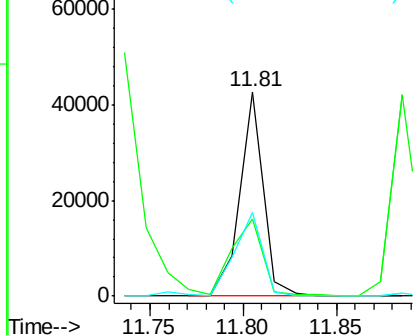


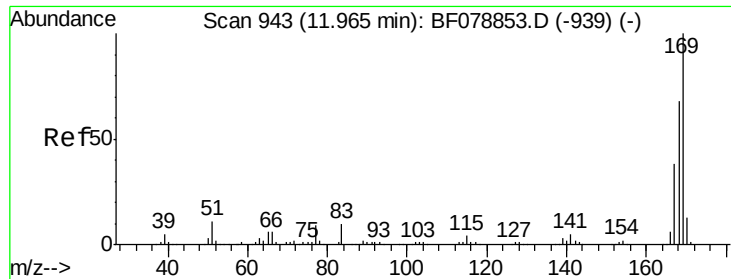
#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.10 ng
 RT: 11.81 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.0	47.3	87.3#
105	40.7	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

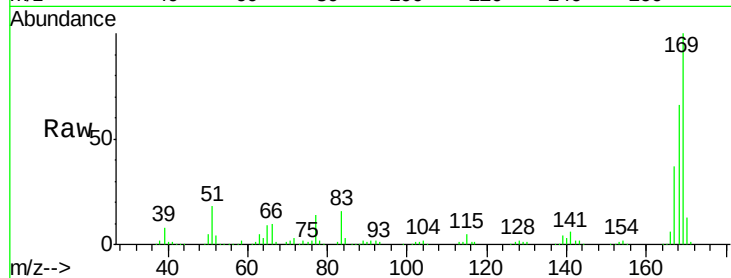




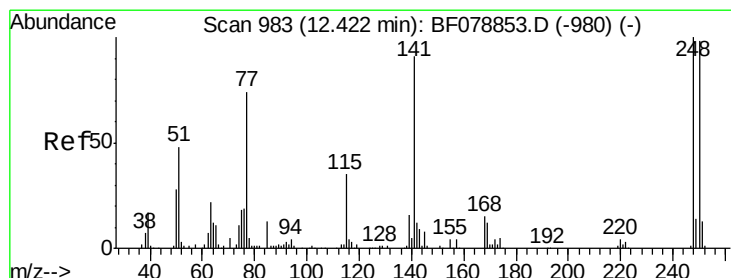
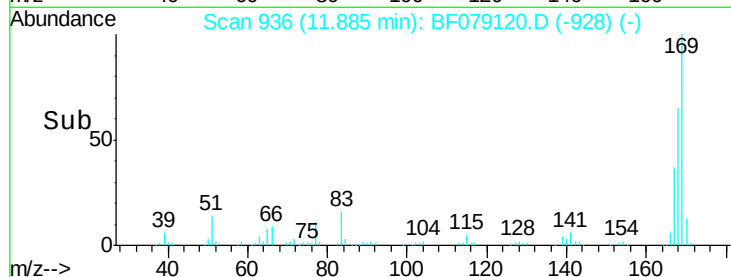
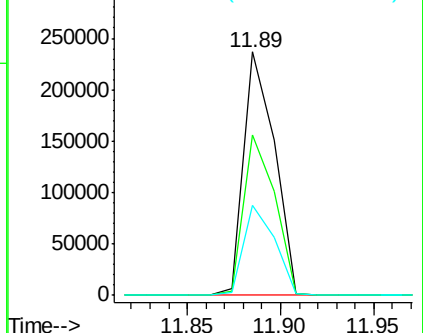
#65
 n-Nitrosodiphenylamine
 Concen: 39.79 ng
 RT: 11.89 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

Tgt Ion:169 Resp: 271590
 Ion Ratio Lower Upper
 169 100
 168 65.9 54.6 82.0
 167 36.8 30.6 45.8

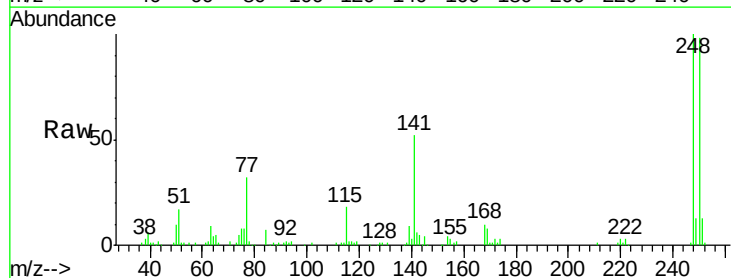


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

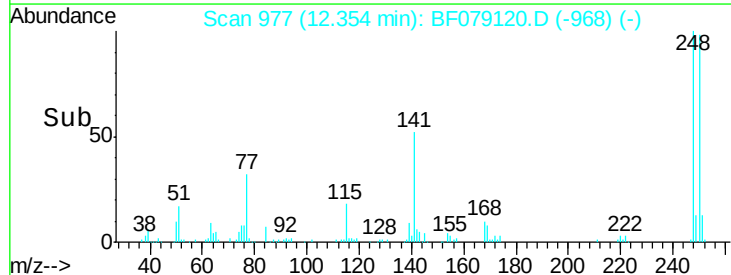
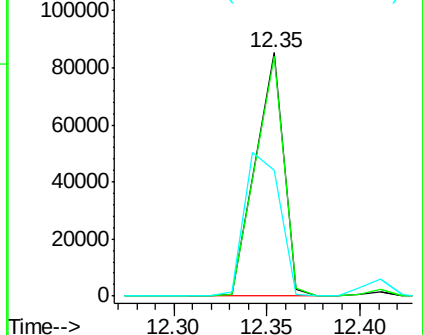


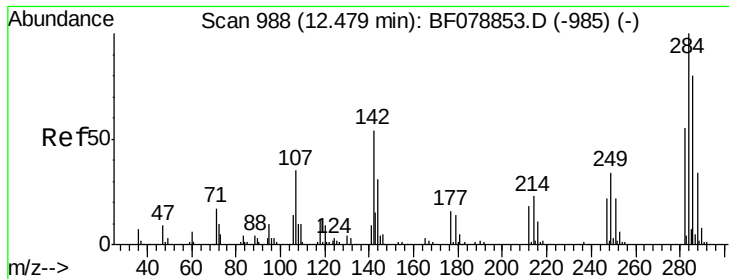
#66
 4-Bromophenyl-phenylether
 Concen: 41.66 ng
 RT: 12.35 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion:248 Resp: 88991
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.1 115.7
 141 51.7 58.8 88.2#



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

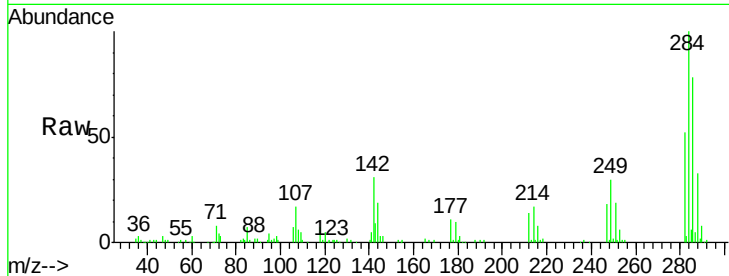




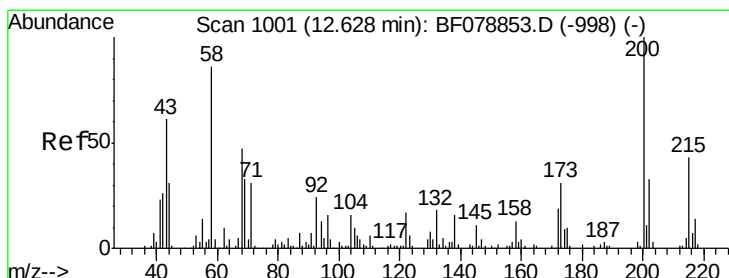
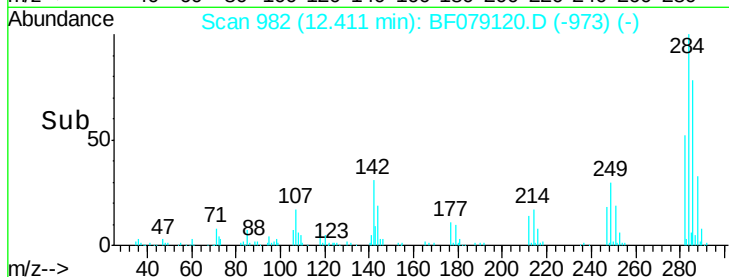
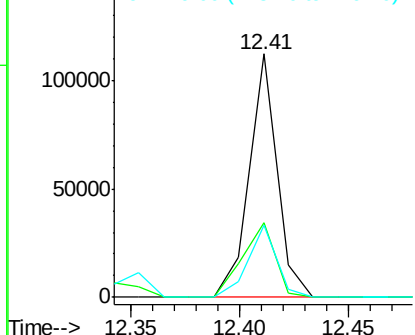
#67
Hexachlorobenzene
Concen: 40.95 ng
RT: 12.41 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

Instrument :
BNA_F
ClientSampleId :
PB83300BS

Tgt Ion: 284 Resp: 99982
Ion Ratio Lower Upper
284 100
142 30.8 35.2 52.8#
249 29.7 25.4 38.2

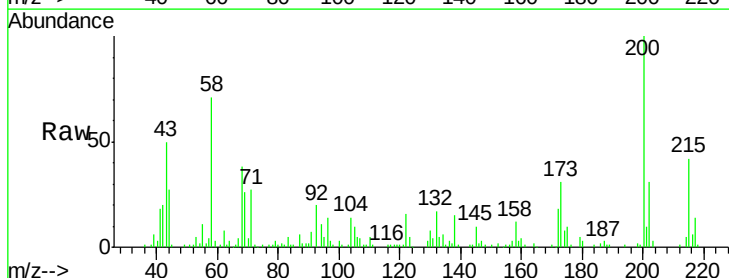


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

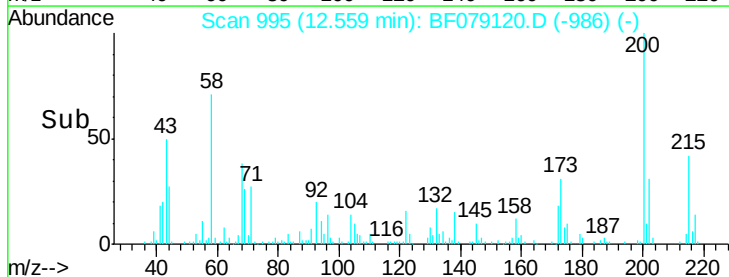
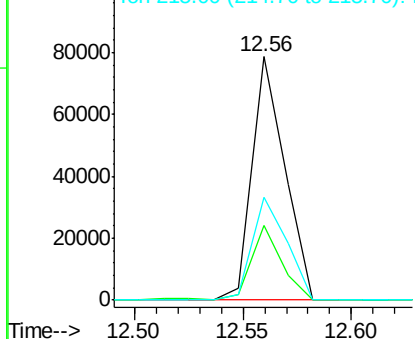


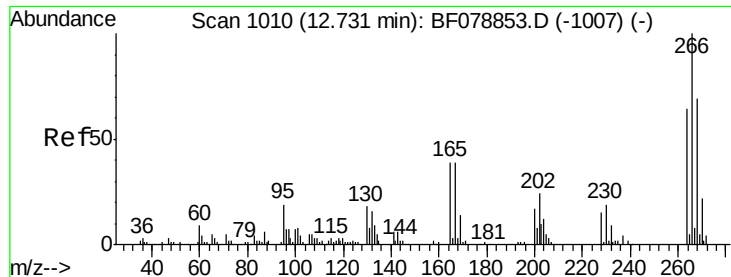
#68
Atrazine
Concen: 41.49 ng
RT: 12.56 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

Tgt Ion: 200 Resp: 82344
Ion Ratio Lower Upper
200 100
173 30.8 8.1 48.1
215 42.4 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

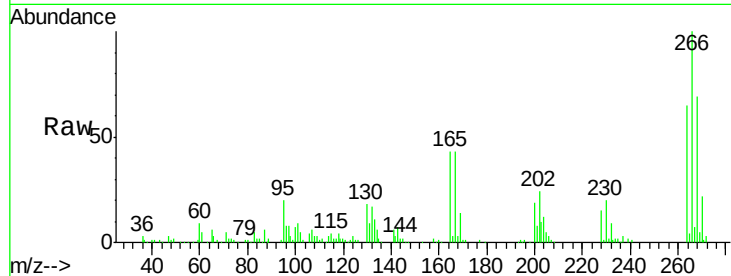




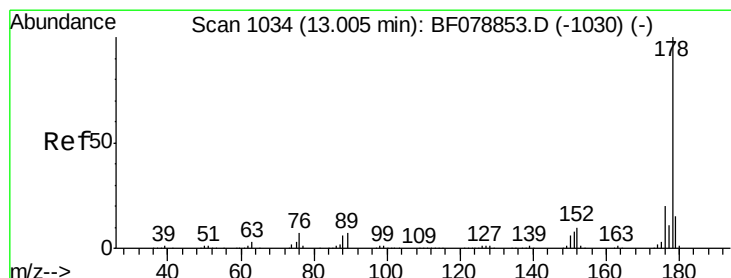
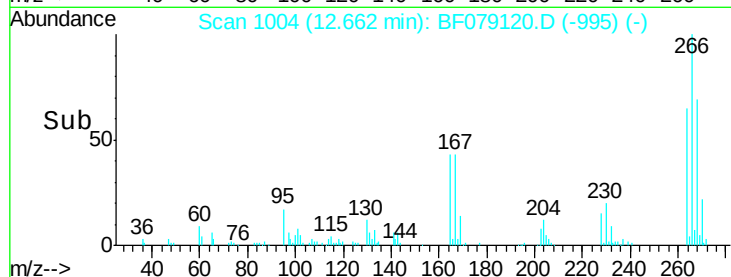
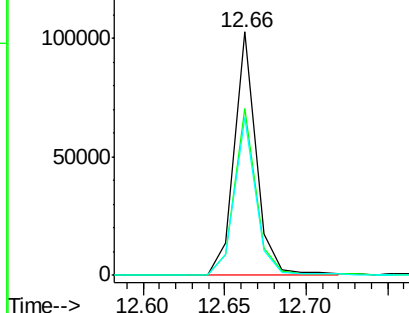
#69
 Pentachlorophenol
 Concen: 68.06 ng
 RT: 12.66 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

Tgt Ion: 266 Resp: 95639
 Ion Ratio Lower Upper
 266 100
 268 68.5 55.0 82.6
 264 64.7 48.2 72.2

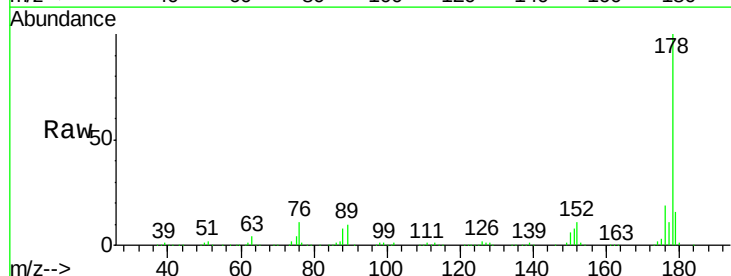


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

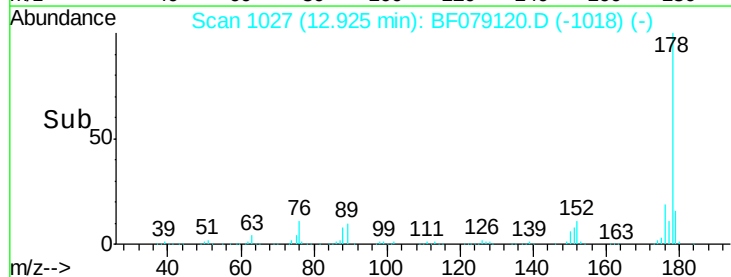
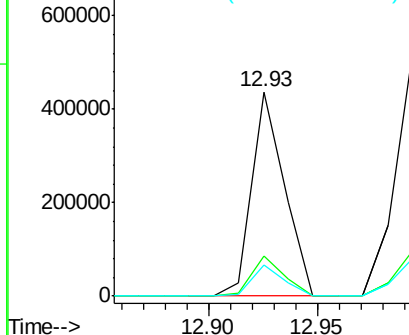


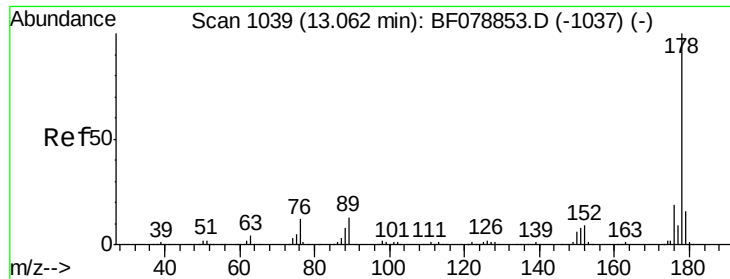
#70
 Phenanthrene
 Concen: 39.98 ng
 RT: 12.93 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion: 178 Resp: 458447
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.5 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: 43.85 ng

RT: 12.99 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

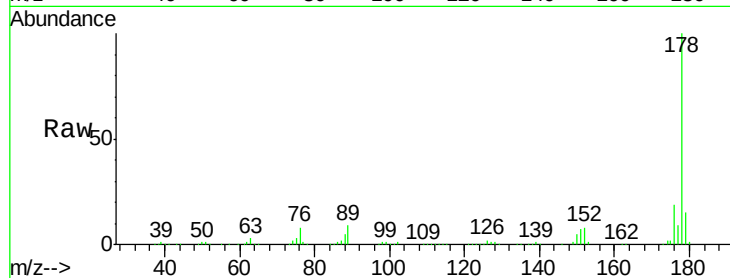
Tgt Ion:178 Resp: 493260

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

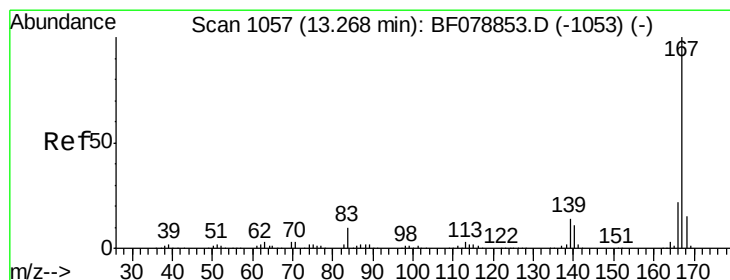
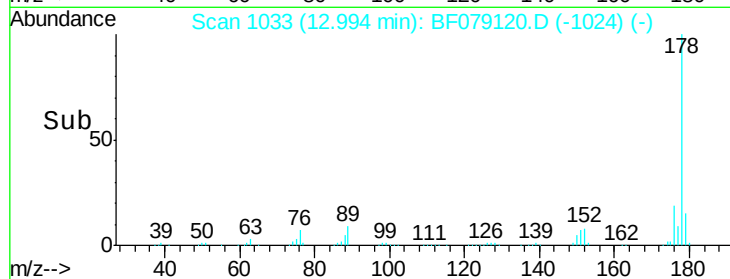
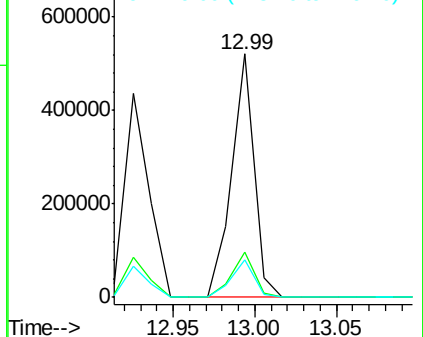
179 15.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.36 ng

RT: 13.20 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

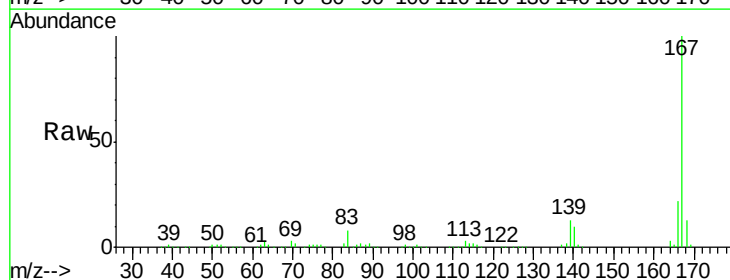
Tgt Ion:167 Resp: 475632

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.8

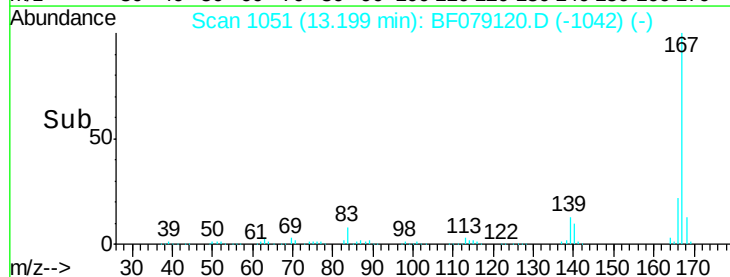
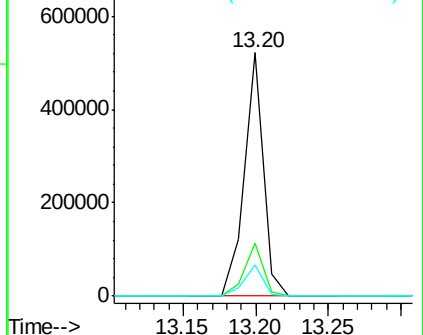
139 12.7 10.6 16.0

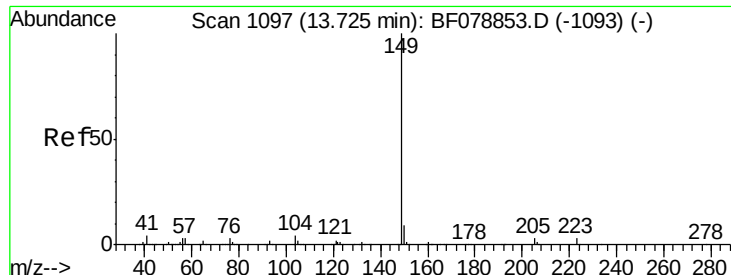


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

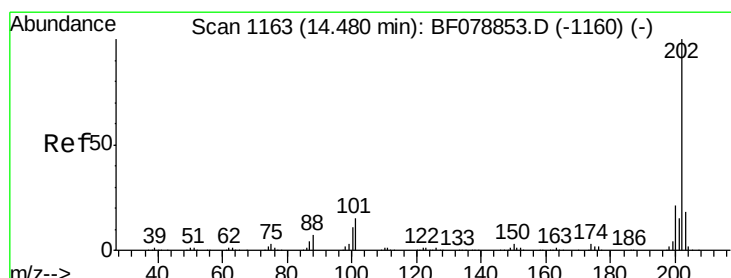
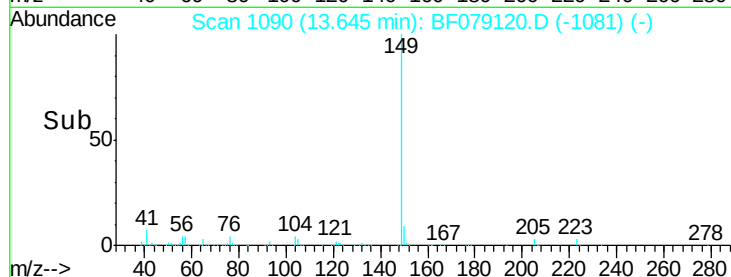
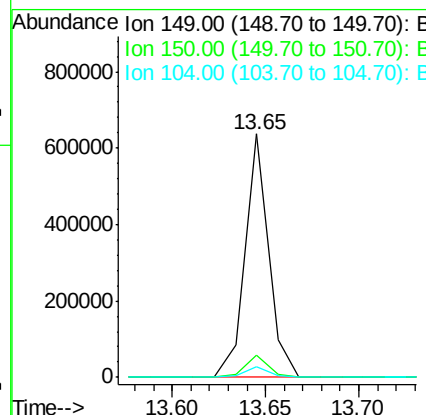
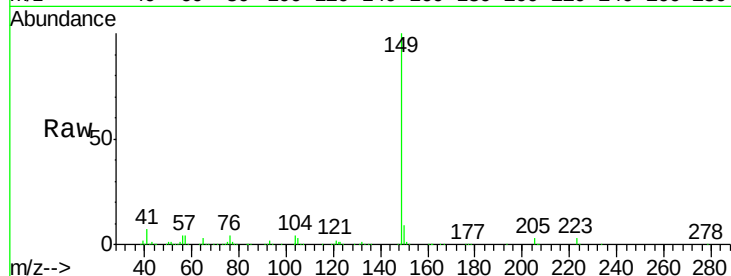




#73
Di-n-butylphthalate
Concen: 43.96 ng
RT: 13.65 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

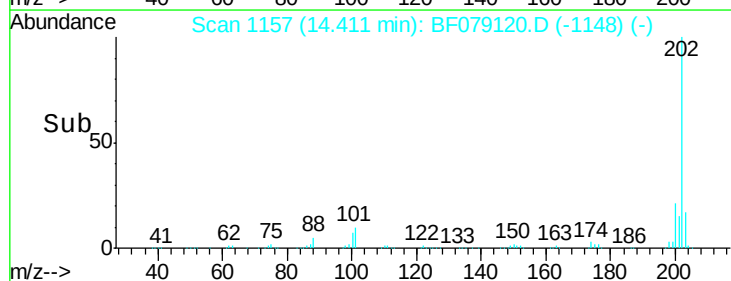
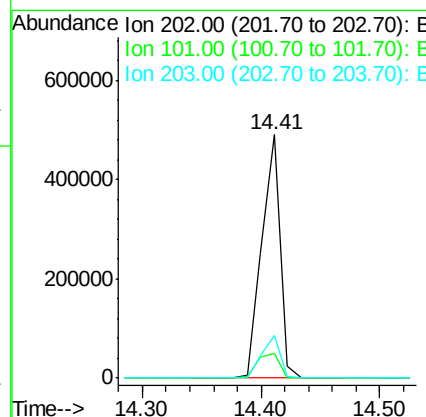
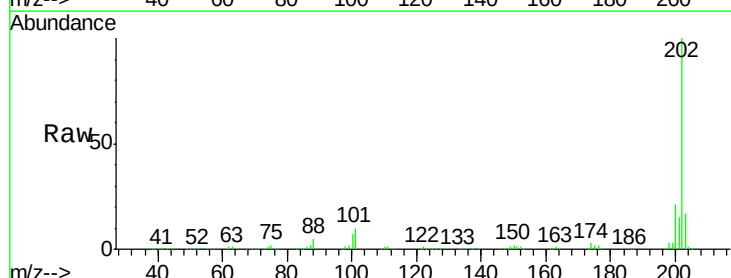
Instrument :
BNA_F
ClientSampleId :
PB83300BS

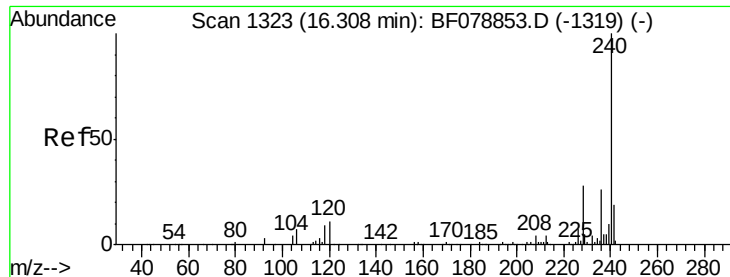
Tgt Ion:149 Resp: 565208
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.4 4.6 7.0#



#74
Fluoranthene
Concen: 44.47 ng
RT: 14.41 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

Tgt Ion:202 Resp: 531349
Ion Ratio Lower Upper
202 100
101 9.9 0.0 34.6
203 17.4 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.21 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

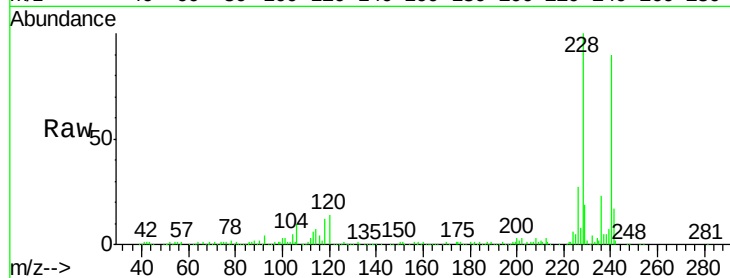
Tgt Ion:240 Resp: 214367

Ion Ratio Lower Upper

240 100

120 15.9 9.7 14.5#

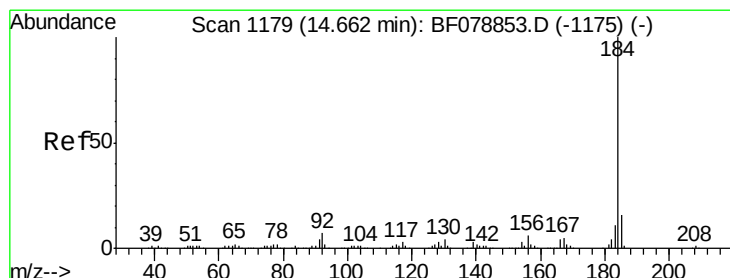
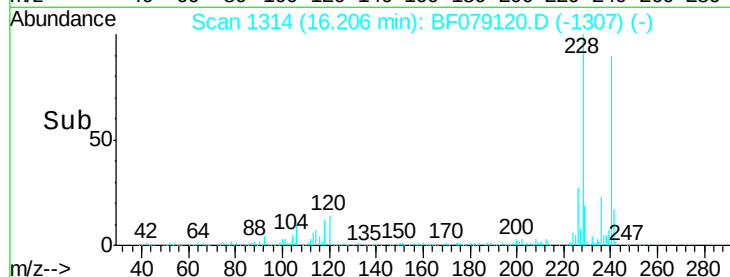
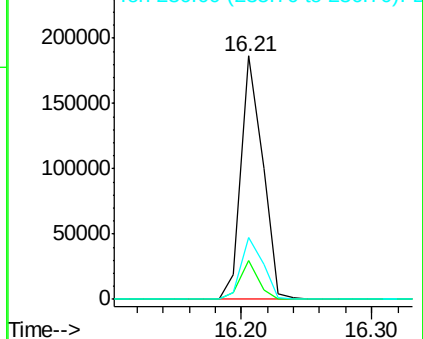
236 25.3 20.2 30.4



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: 44.46 ng

RT: 14.58 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

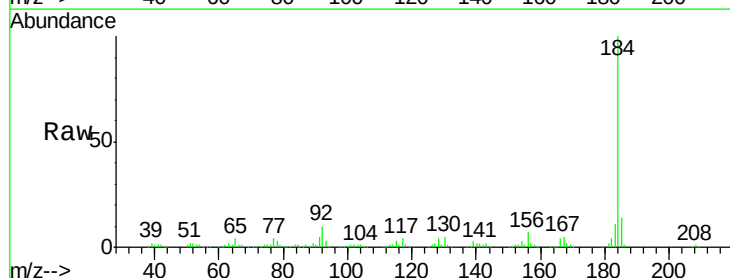
Tgt Ion:184 Resp: 256858

Ion Ratio Lower Upper

184 100

185 14.5 12.3 18.5

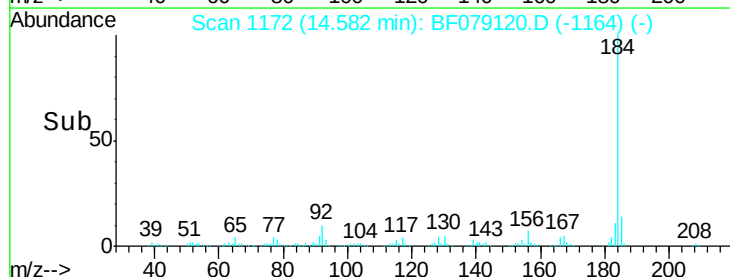
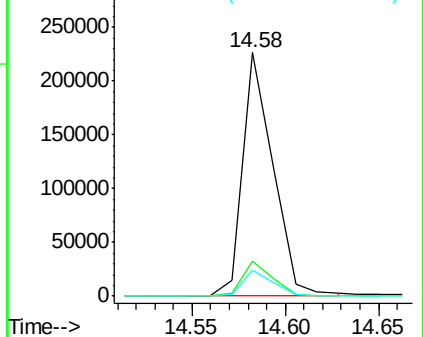
183 10.9 8.4 12.6

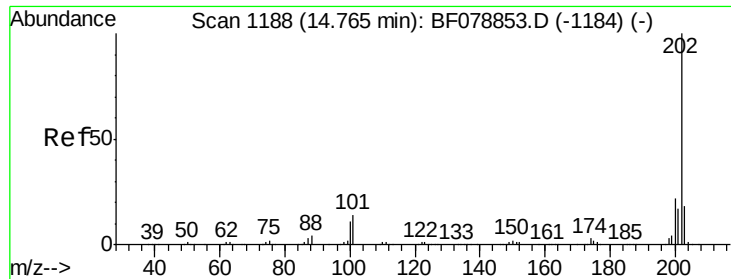


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

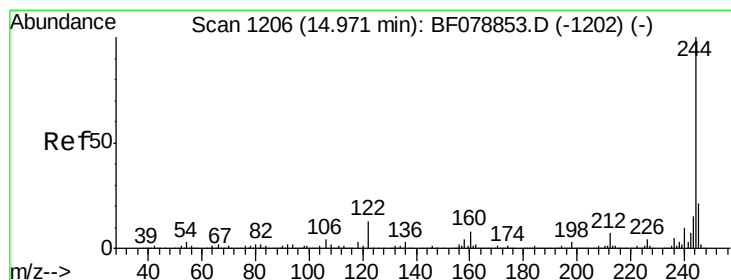
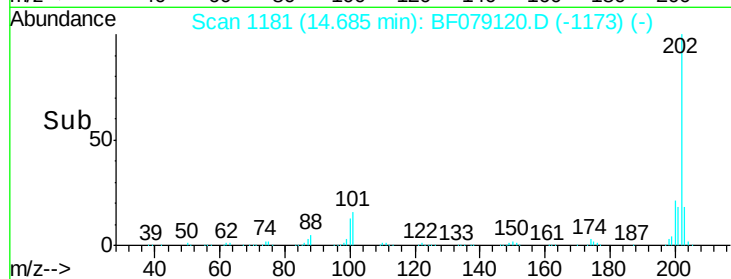
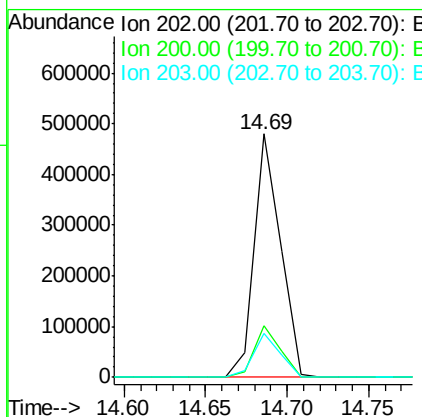
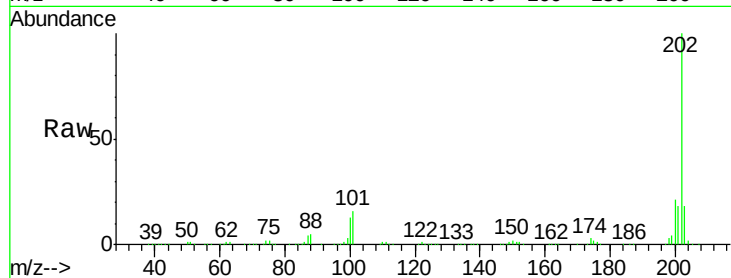




#77
 Pyrene
 Concen: 43.57 ng
 RT: 14.69 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

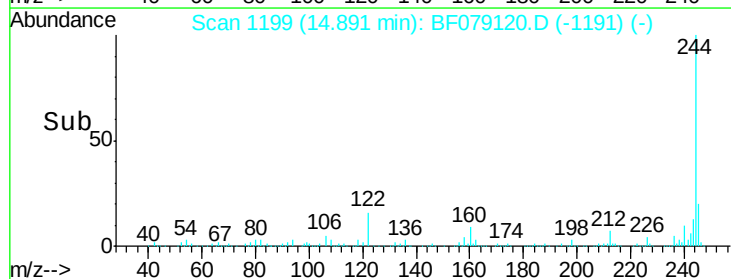
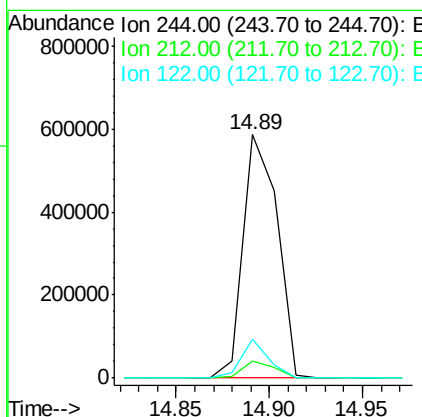
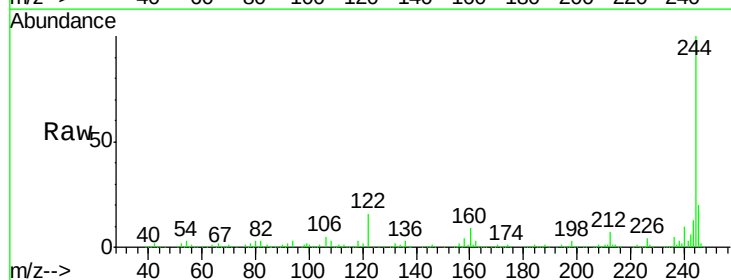
Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

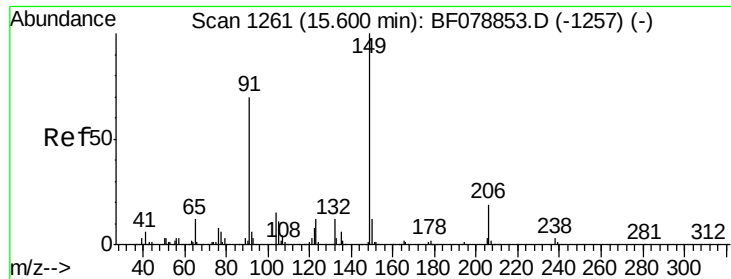
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	17.9	13.9	20.9



#78
 Terphenyl-d14
 Concen: 83.34 ng
 RT: 14.89 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	16.1	10.3	15.5

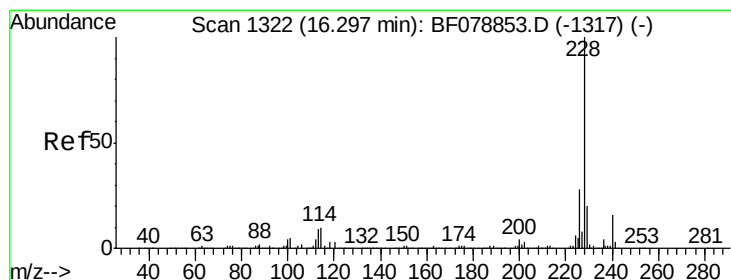
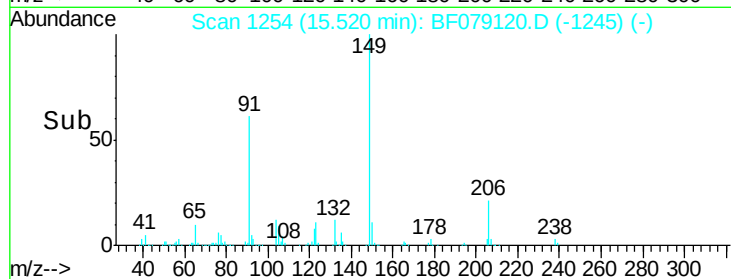
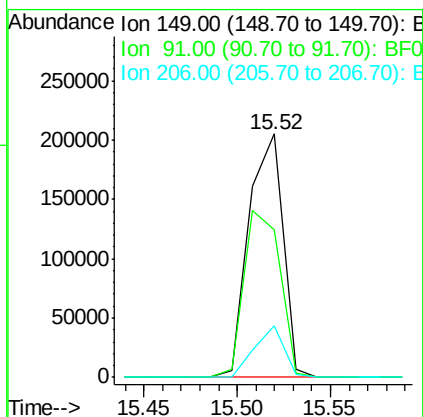
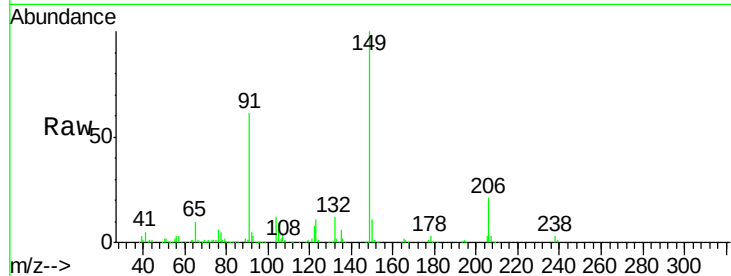




#79
Butylbenzylphthalate
Concen: 48.12 ng
RT: 15.52 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

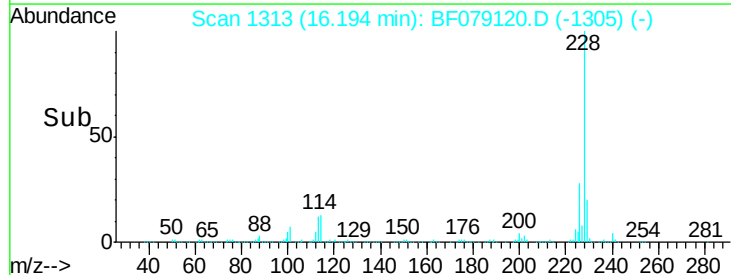
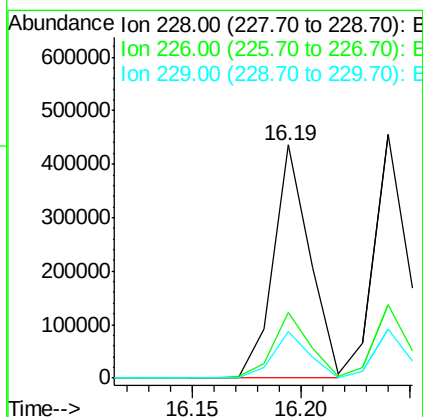
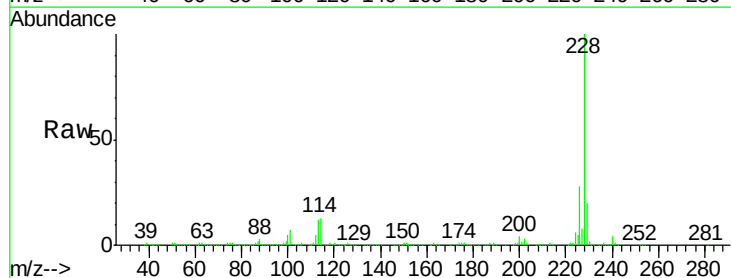
Instrument :
BNA_F
ClientSampleId :
PB83300BS

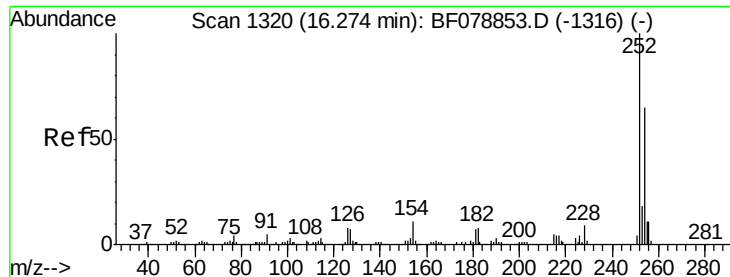
Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.5	64.6	97.0#
206	21.4	12.2	18.4#



#80
Benzo(a)anthracene
Concen: 43.53 ng
RT: 16.19 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF079120.D
Acq: 11 May 2015 17:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	15.9	23.9

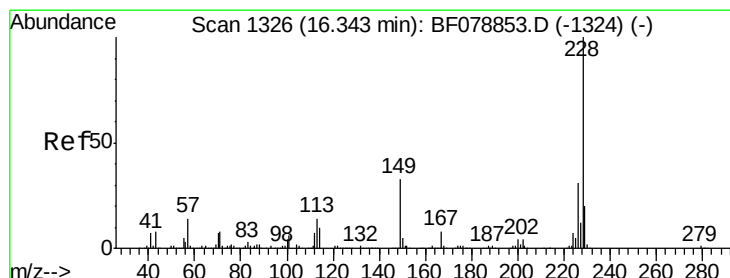
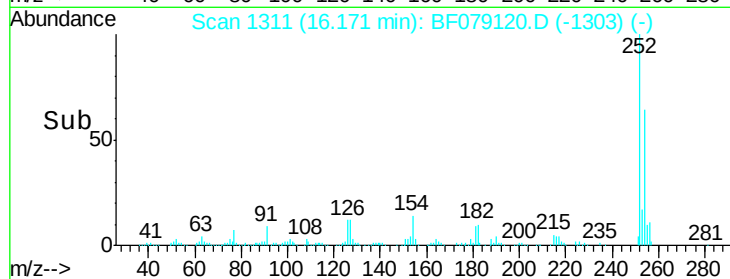
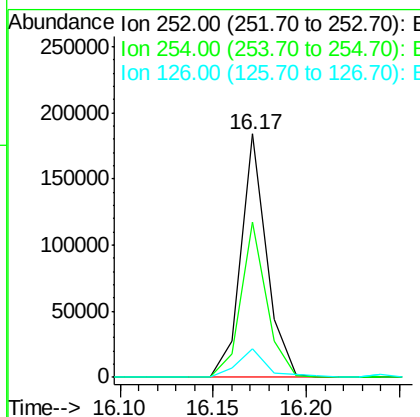
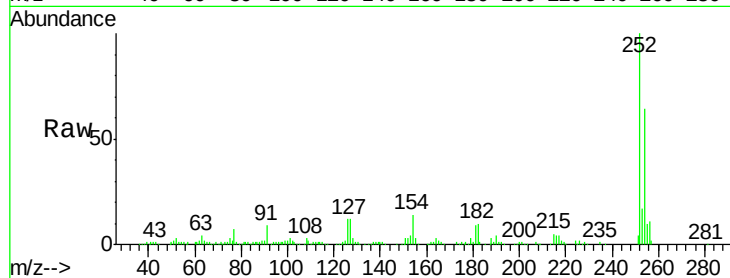




#81
 3,3'-Dichlorobenzidine
 Concen: 42.40 ng
 RT: 16.17 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

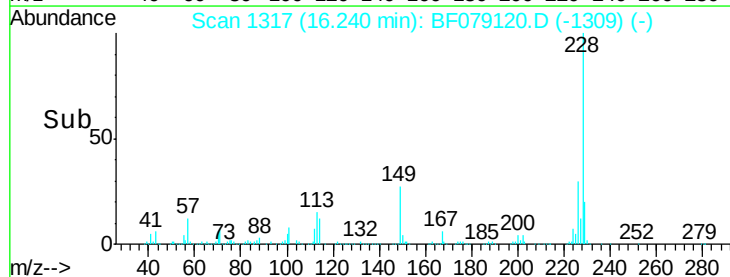
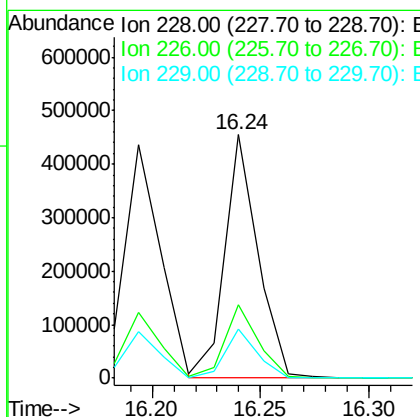
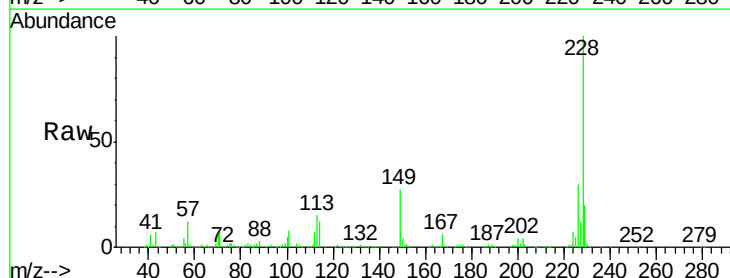
Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

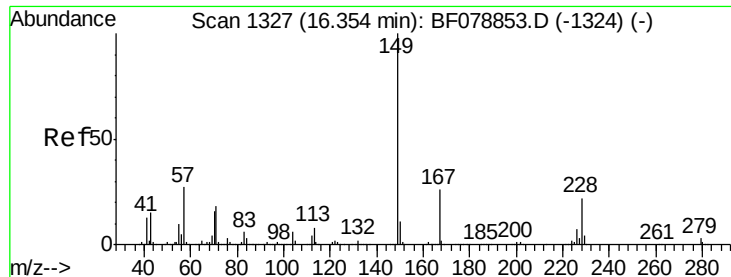
Tgt Ion: 252 Resp: 177277
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.3 76.9
 126 11.5 6.6 10.0#



#82
 Chrysene
 Concen: 42.21 ng
 RT: 16.24 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion: 228 Resp: 476549
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 20.1 16.0 24.0

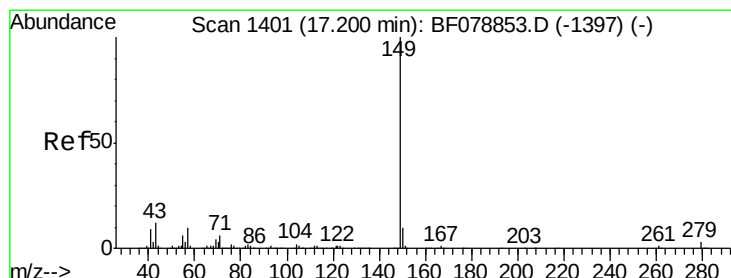
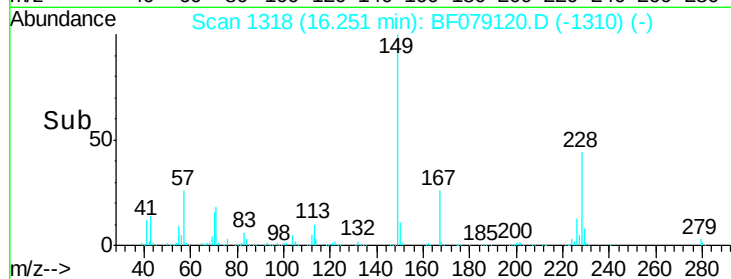
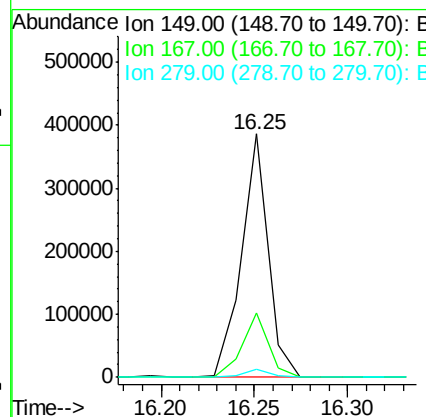
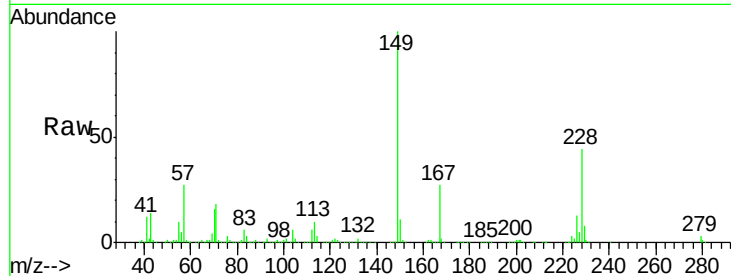




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.34 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

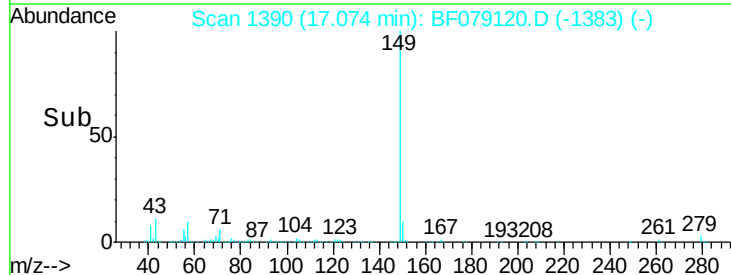
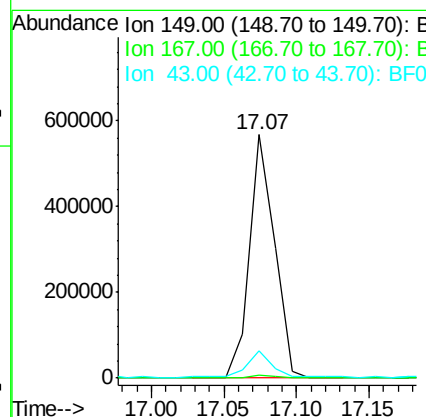
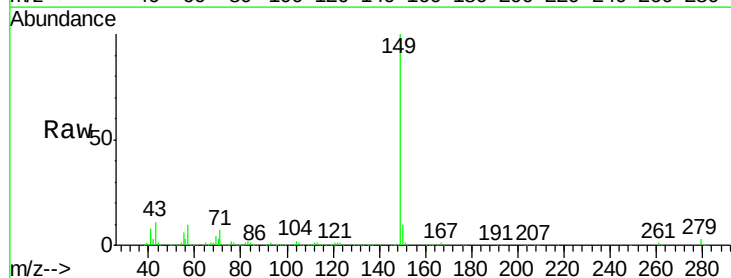
Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

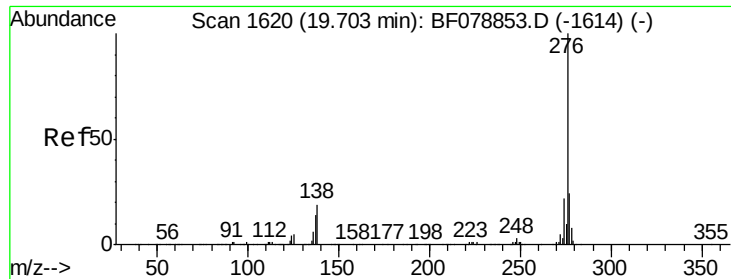
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.8
279	3.1	2.9	4.3



#84
 Di-n-octyl phthalate
 Concen: 47.33 ng
 RT: 17.07 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	0.0	0.0#
43	10.2	0.0	0.0#

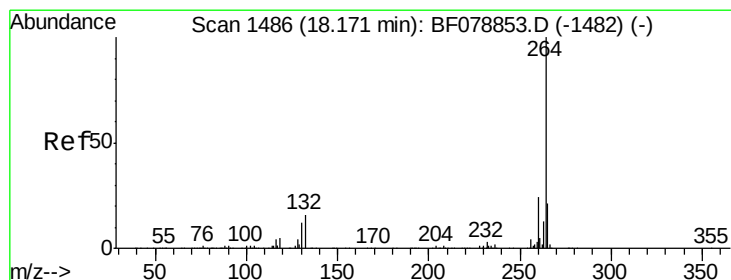
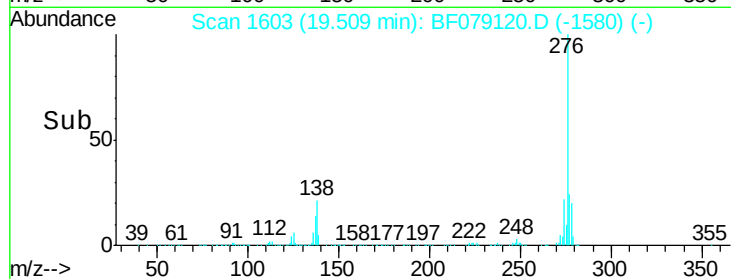
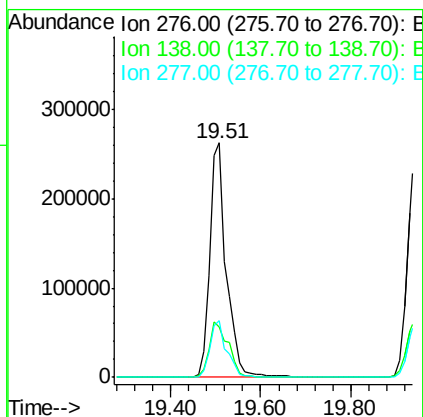
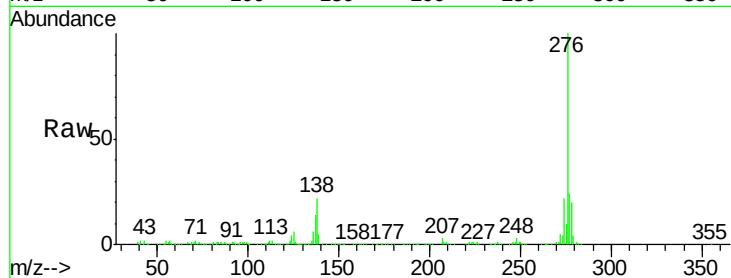




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.51 ng
 RT: 19.51 min Scan# 1603
 Delta R.T. -0.03 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

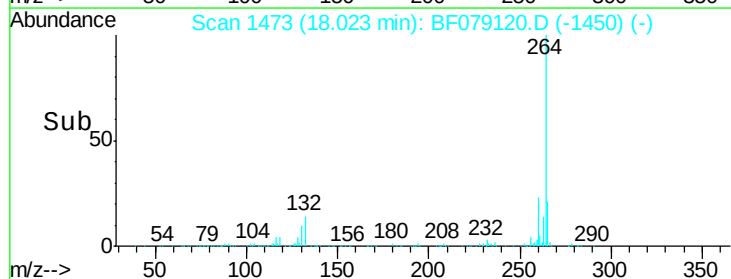
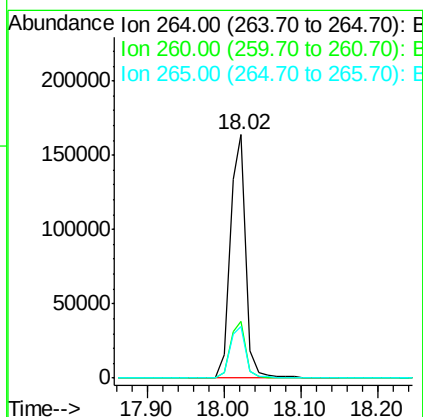
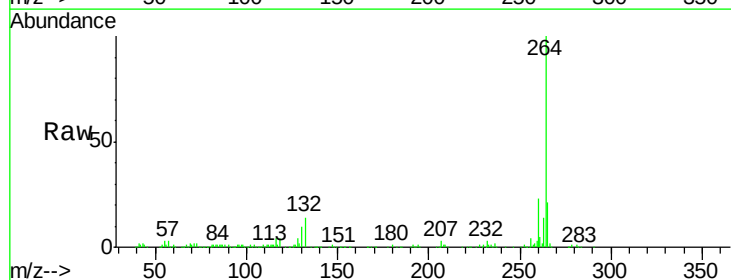
Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

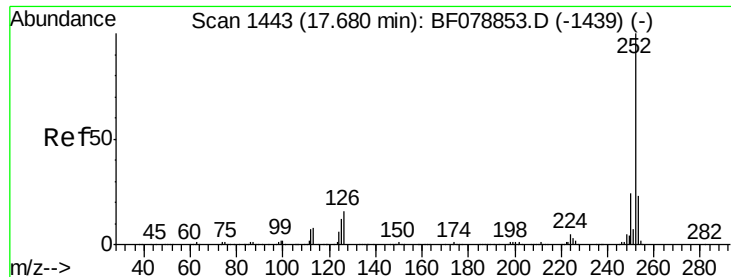
Tgt Ion: 276 Resp: 669033
 Ion Ratio Lower Upper
 276 100
 138 27.9 0.0 0.0#
 277 24.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.02 min Scan# 1473
 Delta R.T. -0.03 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Tgt Ion: 264 Resp: 236220
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.1 18.3 27.5





#87

Benzo(b)fluoranthene

Concen: 42.49 ng

RT: 17.55 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

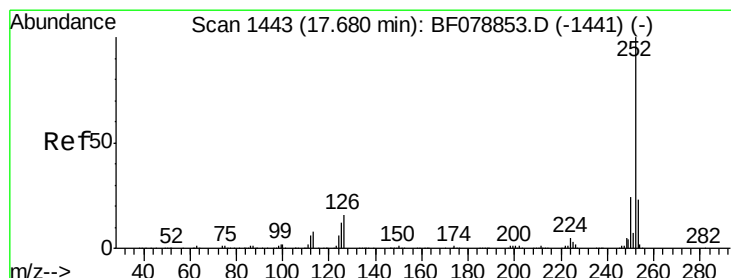
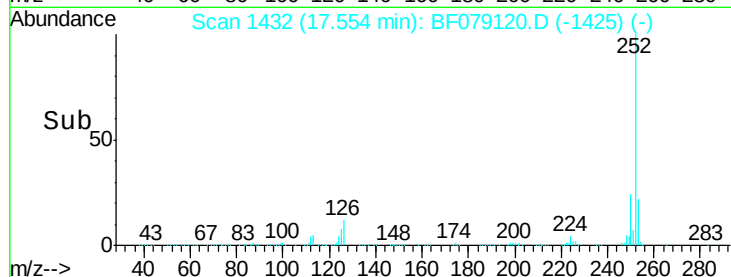
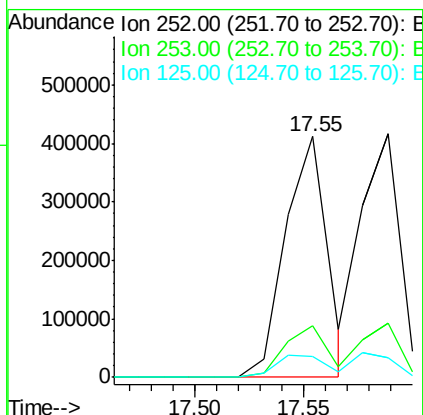
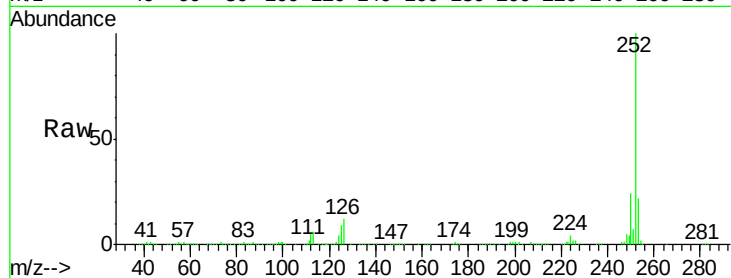
Instrument :

BNA_F

ClientSampleId :

PB83300BS

Tgt Ion:	252	Resp:	549343
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	8.5	9.5	14.3#



#88

Benzo(k)fluoranthene

Concen: 41.53 ng

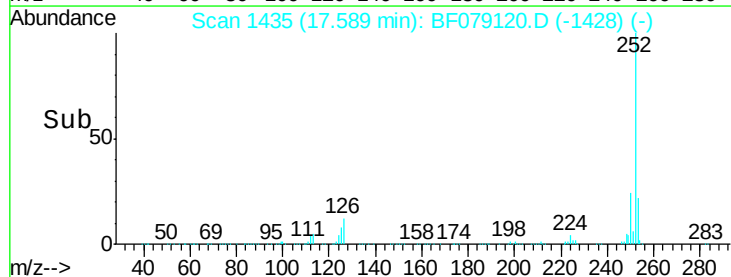
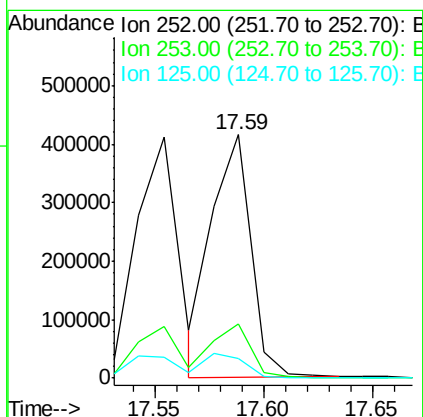
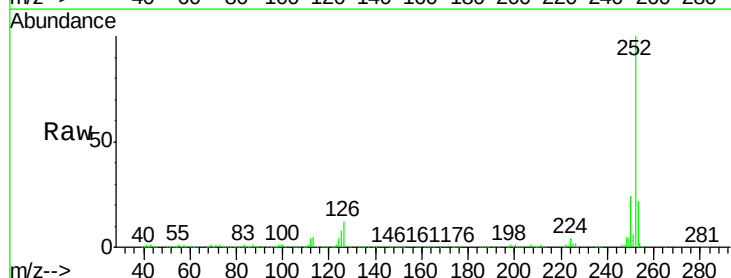
RT: 17.59 min Scan# 1435

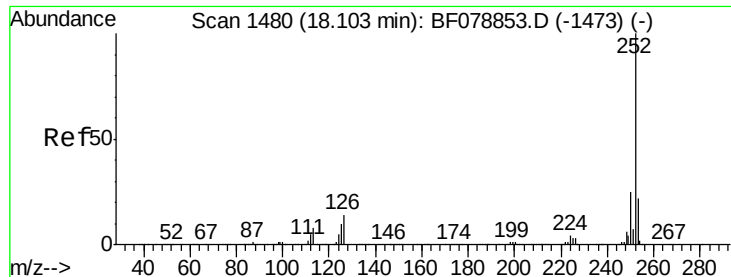
Delta R.T. -0.02 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Tgt Ion:	252	Resp:	519779
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	8.1	10.0	15.0#





#89

Benzo(a)pyrene

Concen: 44.53 ng

RT: 17.95 min Scan# 1467

Delta R.T. -0.03 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83300BS

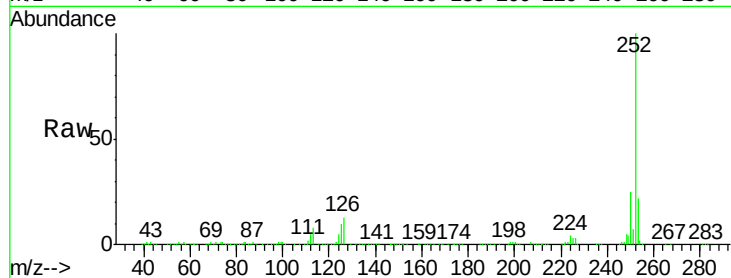
Tgt Ion:252 Resp: 530175

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

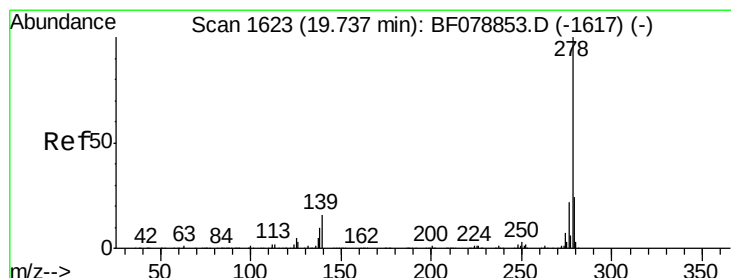
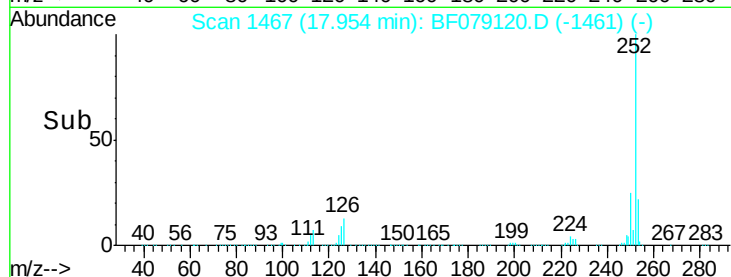
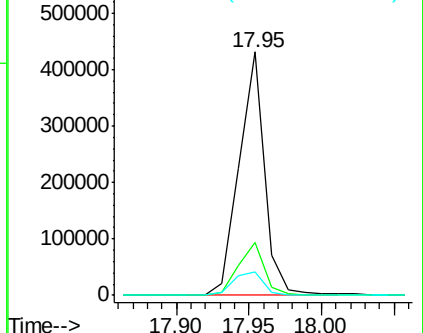
125 9.6 7.0 10.6



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: 42.21 ng

RT: 19.53 min Scan# 1605

Delta R.T. -0.05 min

Lab File: BF079120.D

Acq: 11 May 2015 17:17

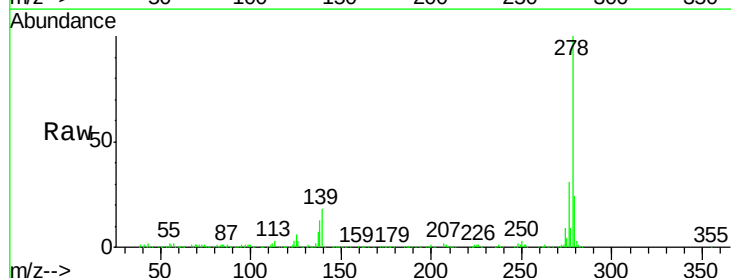
Tgt Ion:278 Resp: 534038

Ion Ratio Lower Upper

278 100

139 18.0 12.8 19.2

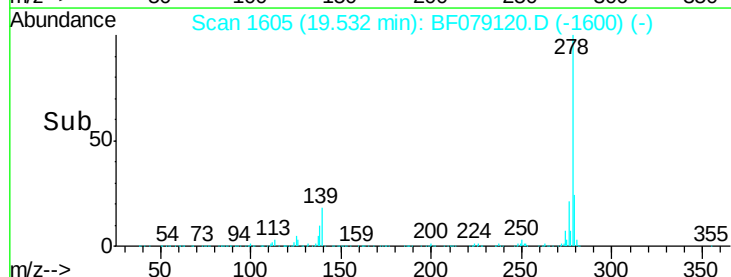
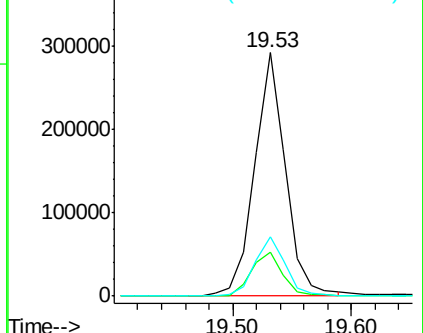
279 24.4 19.6 29.4

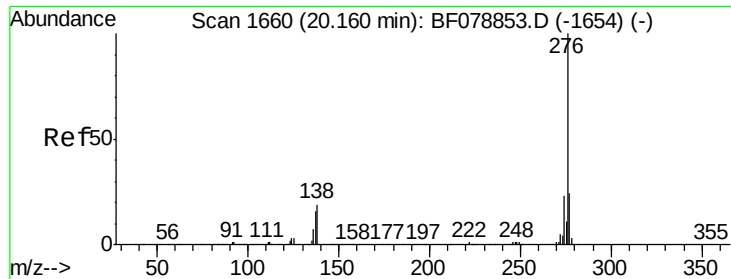


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

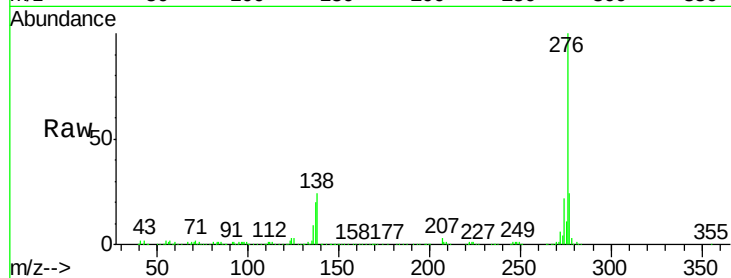




#91
 Benzo(g,h,i)perylene
 Concen: 42.93 ng
 RT: 19.94 min Scan# 1641
 Delta R.T. -0.05 min
 Lab File: BF079120.D
 Acq: 11 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	24.4	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

