

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079345.D
 Acq On : 19 May 2015 16:46
 Operator : TP/IZ
 Sample : G2265-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

Quant Time: May 20 05:32:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	46798	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	193510	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	93979	20.00	ng	0.00
63) Phenanthrene-d10	12.72	188	181266	20.00	ng	0.00
75) Chrysene-d12	16.01	240	184522	20.00	ng	-0.01
86) Perylene-d12	17.81	264	196864	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	170277m	62.63	ng	0.00
7) Phenol-d6	6.70	99	134832	37.52	ng	-0.01
23) Nitrobenzene-d5	7.83	82	300429	89.23	ng	0.00
41) 2,4,6-Tribromophenol	11.86	330	159104	156.49	ng	0.00
44) 2-Fluorobiphenyl	10.06	172	604353	89.59	ng	0.00
78) Terphenyl-d14	14.71	244	671878	87.18	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.01	88	20919m	17.70	ng	
3) Pyridine	2.74	79	36327m	10.50	ng	
4) n-Nitrosodimethylamine	2.63	42	21675m	14.62	ng	
6) Aniline	6.72	93	95879	18.90	ng	# 71
8) 2-Chlorophenol	6.86	128	112457	36.47	ng	95
9) Benzaldehyde	6.57	77	32377m	13.37	ng	
10) Phenol	6.72	94	57736m	13.85	ng	
11) bis(2-Chloroethyl)ether	6.82	93	135769	44.43	ng	97
12) 1,3-Dichlorobenzene	7.05	146	142718	41.18	ng	# 95
13) 1,4-Dichlorobenzene	7.15	146	144874	40.62	ng	97
14) 1,2-Dichlorobenzene	7.34	146	134039	40.37	ng	95
15) Benzyl Alcohol	7.31	79	69168	25.93	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.50	45	203720	43.57	ng	98
17) 2-Methylphenol	7.46	107	72423	29.19	ng	# 93
18) Hexachloroethane	7.75	117	49413	40.22	ng	93
19) n-Nitroso-di-n-propylamine	7.64	70	102433	42.20	ng	# 93
20) 3+4-Methylphenols	7.66	107	90658	27.42	ng	# 48
22) Acetophenone	7.64	105	218600	50.00	ng	# 80
24) Nitrobenzene	7.85	77	153971	46.13	ng	# 79
25) Isophorone	8.15	82	282182	45.21	ng	96
26) 2-Nitrophenol	8.24	139	67747	49.04	ng	92
27) 2,4-Dimethylphenol	8.31	122	113297	40.99	ng	95
28) bis(2-Chloroethoxy)methane	8.43	93	176342	45.83	ng	99
29) 2,4-Dichlorophenol	8.54	162	109457	44.53	ng	99
30) 1,2,4-Trichlorobenzene	8.64	180	116666	43.21	ng	99
31) Naphthalene	8.73	128	410568	44.53	ng	99
32) Benzoic acid	8.40	122	22708m	17.70	ng	
33) 4-Chloroaniline	8.81	127	111932	28.69	ng	# 92
34) Hexachlorobutadiene	8.89	225	61933	39.83	ng	98
35) Caprolactam	9.23	113	5167	6.50	ng	# 83
36) 4-Chloro-3-methylphenol	9.42	107	108973	42.21	ng	89
37) 2-Methylnaphthalene	9.59	142	285658	44.71	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	113944	43.05	ng	98
40) Hexachlorocyclopentadiene	9.78	237	92406	69.43	ng	97

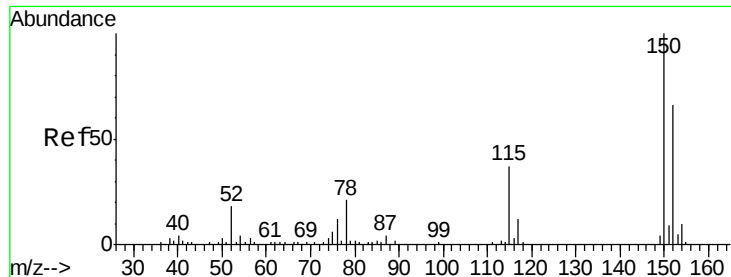
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079345.D
 Acq On : 19 May 2015 16:46
 Operator : TP/IZ
 Sample : G2265-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

Quant Time: May 20 05:32:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	79226	43.54	nq	99
43) 2,4,5-Trichlorophenol	9.99	196	83866	45.59	nq	# 87
45) 1,1'-Biphenyl	10.17	154	346414	46.37	nq	96
46) 2-Chloronaphthalene	10.19	162	271588	46.60	nq	93
47) 2-Nitroaniline	10.33	65	80270	47.54	nq	# 49
48) Acenaphthylene	10.70	152	441572	46.15	nq	99
49) Dimethylphthalate	10.57	163	329655	47.79	nq	98
50) 2,6-Dinitrotoluene	10.64	165	69451	51.02	nq	# 79
51) Acenaphthene	10.91	154	249971	43.81	nq	99
52) 3-Nitroaniline	10.83	138	53528	31.48	nq	100
53) 2,4-Dinitrophenol	10.98	184	52897	86.52	nq	# 57
54) Dibenzofuran	11.13	168	386072	46.84	nq	98
55) 4-Nitrophenol	11.06	139	36682	27.26	nq	88
56) 2,4-Dinitrotoluene	11.13	165	87673	48.72	nq	# 39
57) Fluorene	11.55	166	316659	46.81	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.29	232	69860	46.47	nq	98
59) Diethylphthalate	11.44	149	330743	48.40	nq	99
60) 4-Chlorophenyl-phenylether	11.56	204	142693	47.55	nq	98
61) 4-Nitroaniline	11.59	138	70235	41.29	nq	99
62) Azobenzene	11.76	77	312770	46.45	nq	97
64) 4,6-Dinitro-2-methylphenol	11.64	198	36640	48.33	nq	96
65) n-Nitrosodiphenylamine	11.71	169	262670	43.51	nq	98
66) 4-Bromophenyl-phenylether	12.17	248	87902	46.52	nq	96
67) Hexachlorobenzene	12.23	284	97845	45.31	nq	92
68) Atrazine	12.40	200	84868	48.35	nq	93
69) Pentachlorophenol	12.49	266	98307	78.00	nq	99
70) Phenanthrene	12.74	178	461122	45.47	nq	99
71) Anthracene	12.81	178	470245	47.27	nq	100
72) Carbazole	13.02	167	444467	46.87	nq	99
73) Di-n-butylphthalate	13.47	149	561663	49.39	nq	98
74) Fluoranthene	14.22	202	491305	46.50	nq	99
76) Benzidine	14.41	184	32870	6.61	nq	99
77) Pyrene	14.50	202	526639	49.53	nq	99
79) Butylbenzylphthalate	15.34	149	252183	54.26	nq	95
80) Benzo(a)anthracene	16.00	228	468972	46.41	nq	100
81) 3,3'-Dichlorobenzidine	15.98	252	130779	36.33	nq	# 97
82) Chrysene	16.05	228	449687	46.27	nq	99
83) Bis(2-ethylhexyl)phthalate	16.07	149	368897	52.40	nq	100
84) Di-n-octyl phthalate	16.88	149	630776	50.87	nq	96
85) Indeno(1,2,3-cd)pyrene	19.20	276	602326	48.64	nq	100
87) Benzo(b)fluoranthene	17.34	252	530058	49.19	nq	99
88) Benzo(k)fluoranthene	17.37	252	433213	41.53	nq	# 97
89) Benzo(a)pyrene	17.74	252	481089	48.49	nq	100
90) Dibenzo(a,h)anthracene	19.22	278	500207	47.44	nq	99
91) Benzo(g,h,i)perylene	19.60	276	508329	48.10	nq	# 95

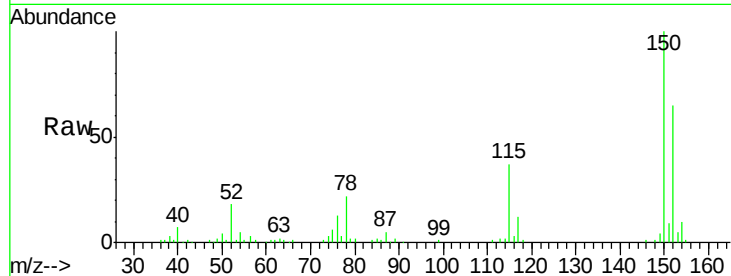
(#) = qualifier out of range (m) = manual integration (+) = signals summed



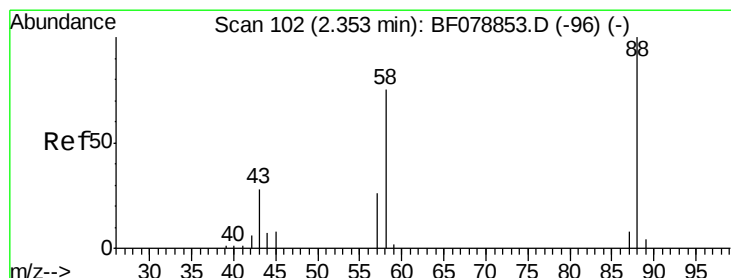
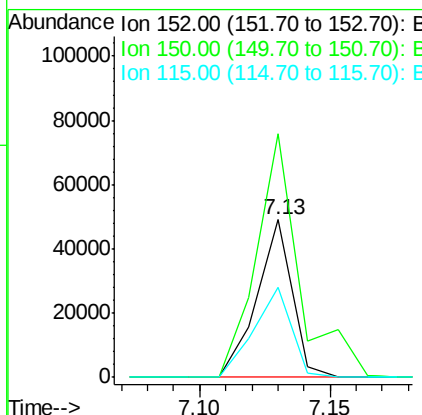
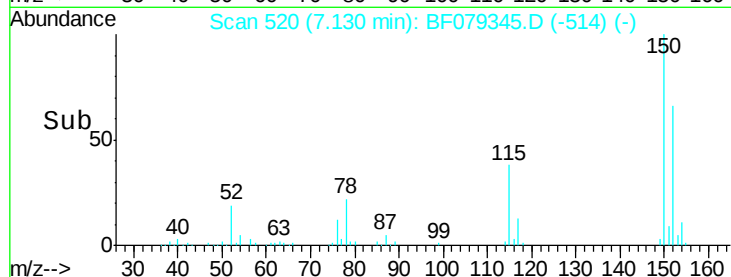
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

Tot Ion:152 Resp: 46798
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.8 185.8
 115 57.2 49.4 74.0

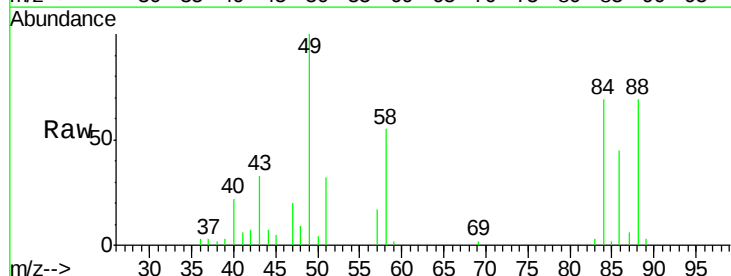


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

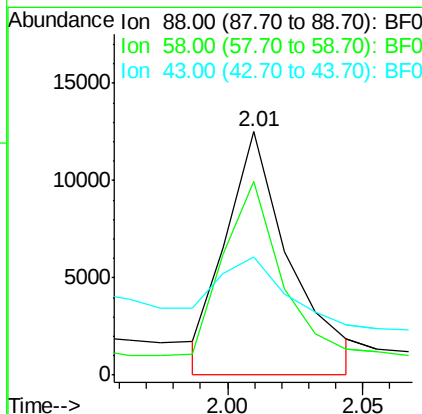
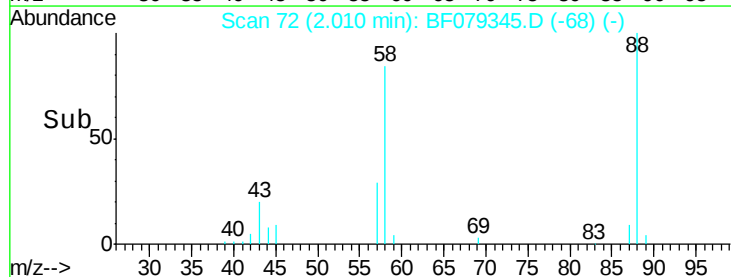


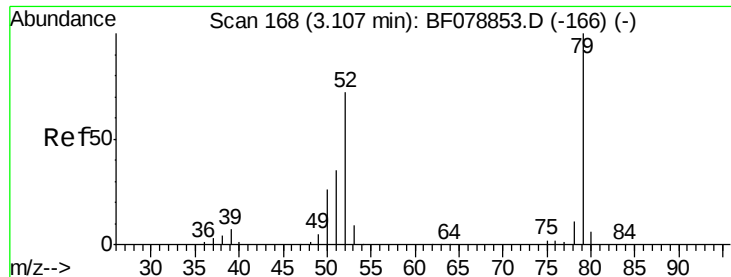
#2
 1,4-Dioxane
 Concen: 17.70 ng m
 RT: 2.01 min Scan# 72
 Delta R.T. 0.02 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion: 88 Resp: 20919
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.5 95.3#
 43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0

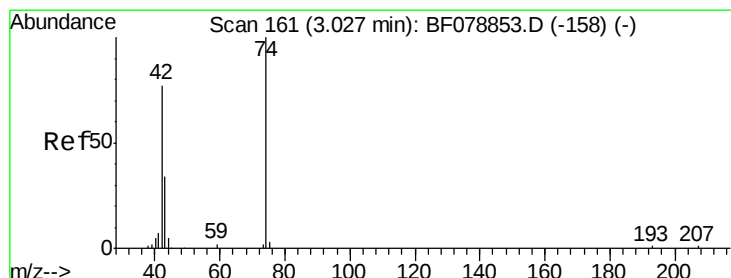
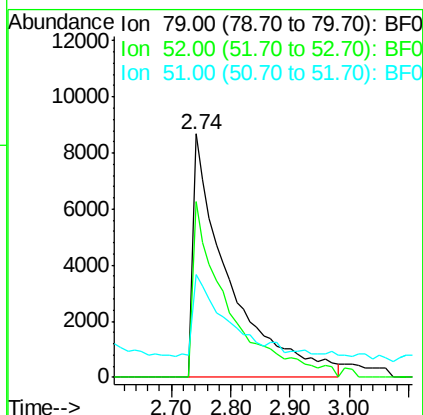
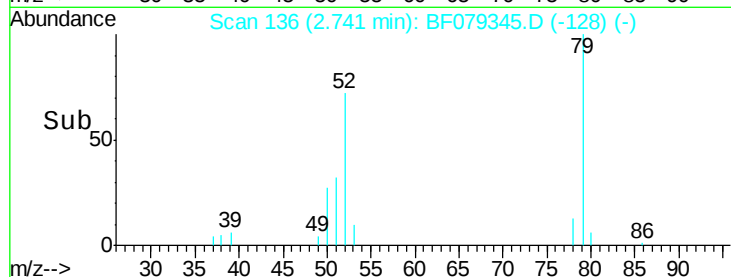
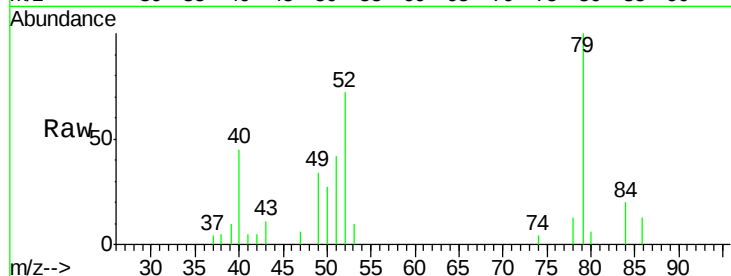




#3
 Pvridine
 Concen: 10.50 ng m
 RT: 2.74 min Scan# 136
 Delta R.T. 0.07 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

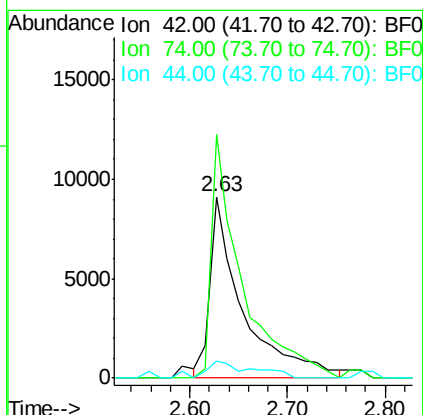
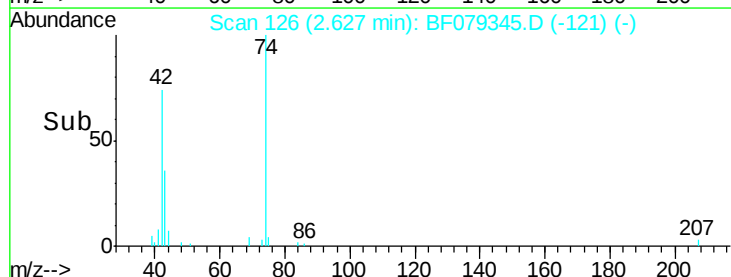
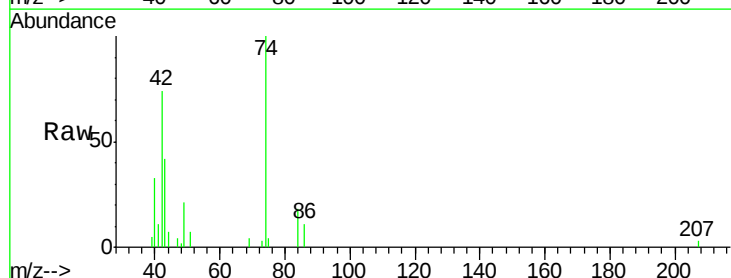
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

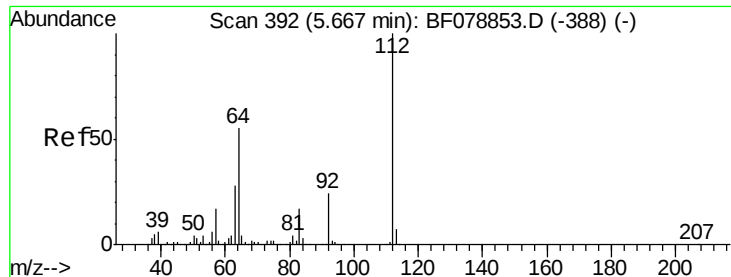
Tot Ion: 79 Resp: 36327
 Ion Ratio Lower Upper
 79 100
 52 72.1 57.6 86.4
 51 42.2 28.7 43.1



#4
 n-Nitrosodimethylamine
 Concen: 14.62 ng m
 RT: 2.63 min Scan# 126
 Delta R.T. 0.03 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion: 42 Resp: 21675
 Ion Ratio Lower Upper
 42 100
 74 134.4 104.4 156.6
 44 9.1 6.2 9.2





#5

2-Fluorophenol

Concen: 62.63 ng/mL

RT: 5.42 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

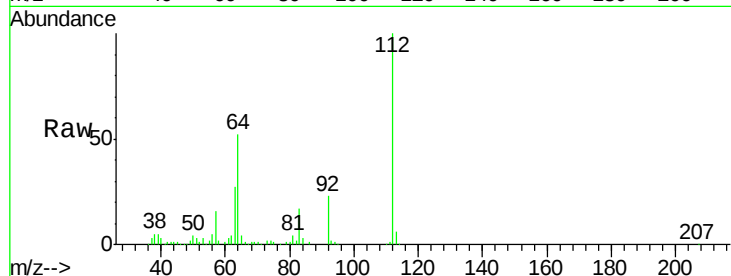
Tot Ion: 112 Resp: 170277

Ion Ratio Lower Upper

112 100

64 51.6 44.2 66.2

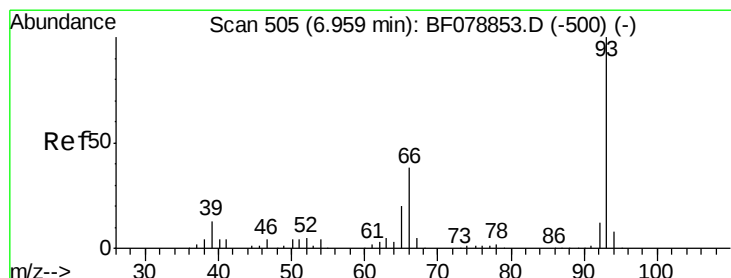
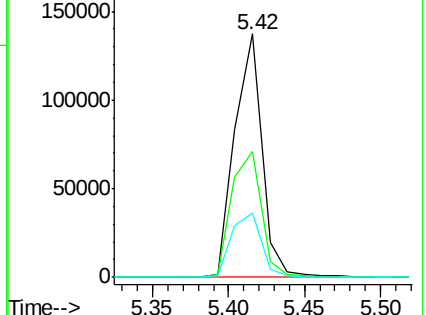
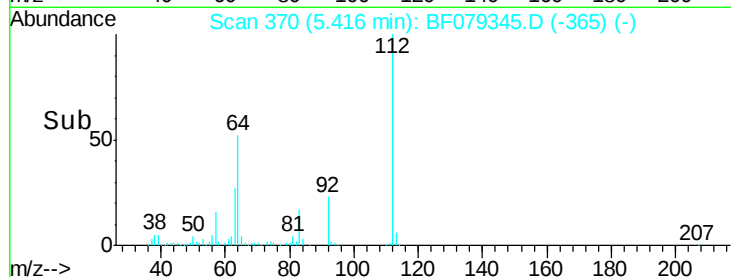
63 26.5 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.90 ng/mL

RT: 6.72 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

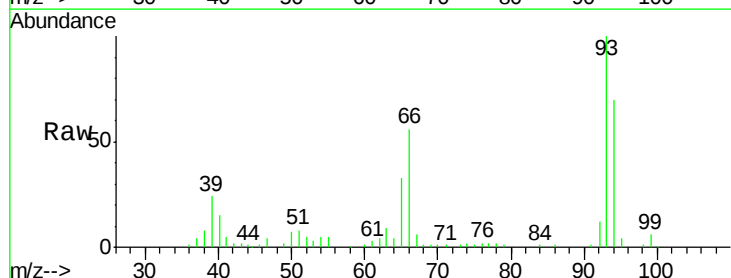
Tgt Ion: 93 Resp: 95879

Ion Ratio Lower Upper

93 100

66 56.1 30.7 46.1#

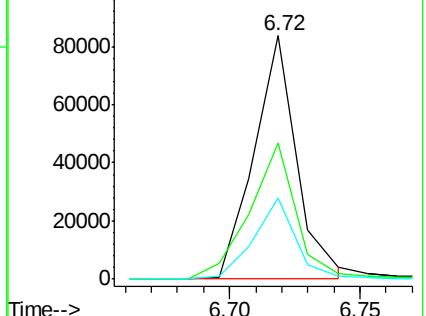
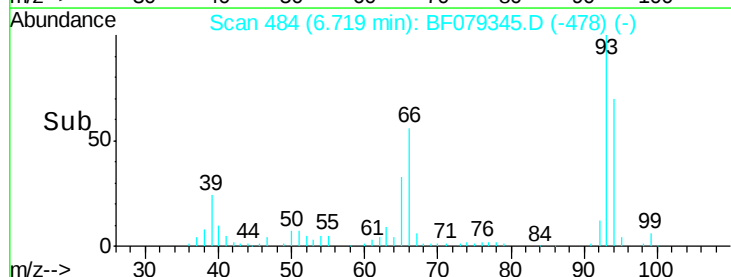
65 33.3 15.8 23.8#

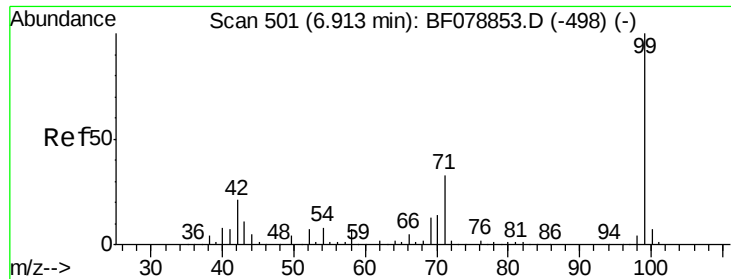


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 37.52 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

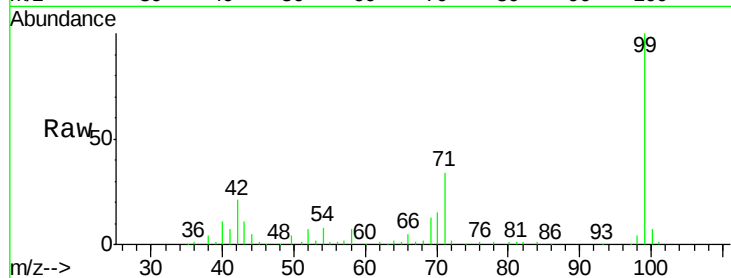
Tot Ion: 99 Resp: 134832

Ion Ratio Lower Upper

99 100

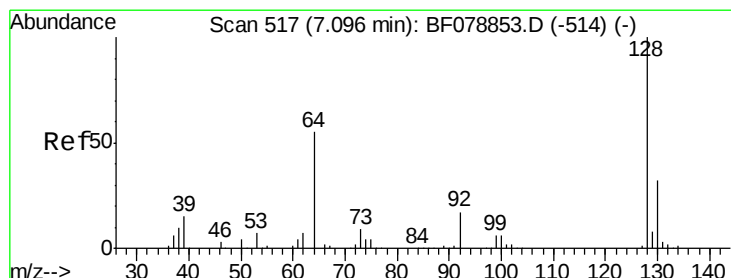
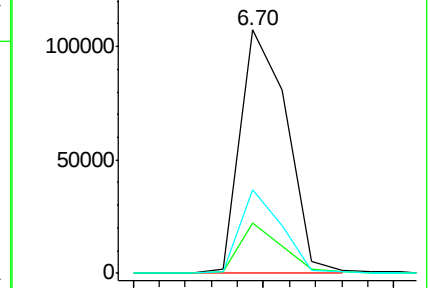
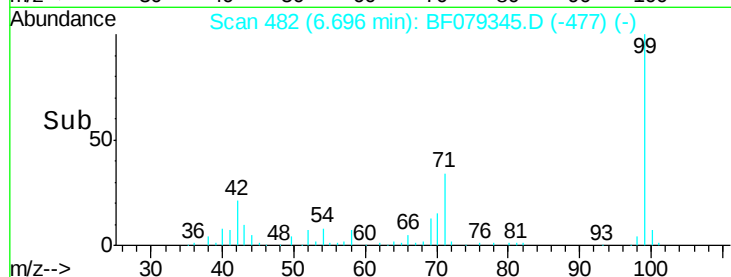
42 20.9 17.1 25.7

71 34.3 26.3 39.5



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

6.70



#8

2-Chlorophenol

Concen: 36.47 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.01 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

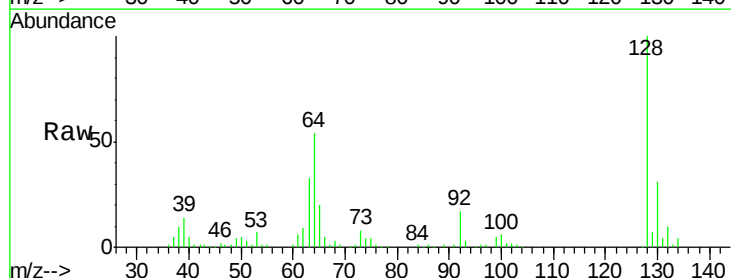
Tgt Ion: 128 Resp: 112457

Ion Ratio Lower Upper

128 100

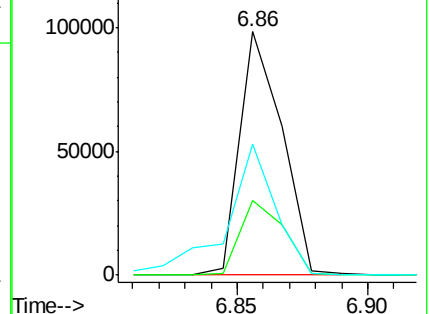
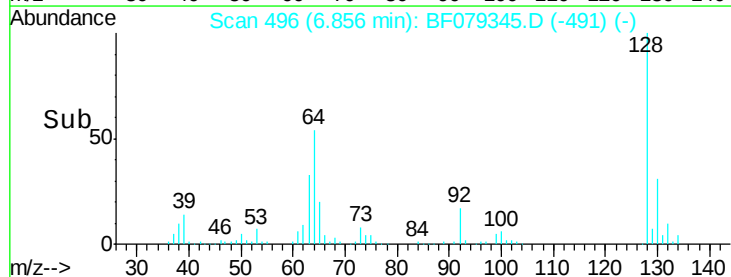
130 30.8 12.4 52.4

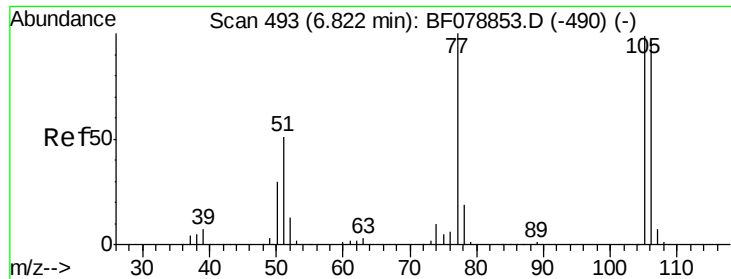
64 53.7 37.8 77.8



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

6.86





#9

Benzaldehyde

Concen: 13.37 ng m

RT: 6.57 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

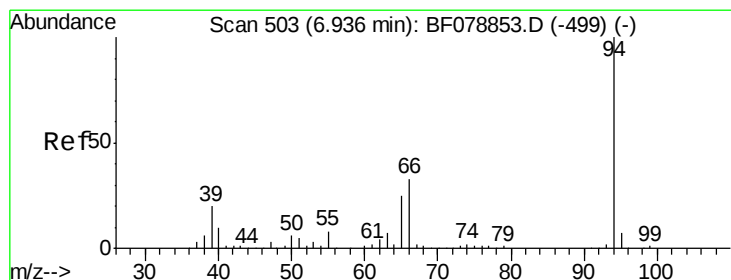
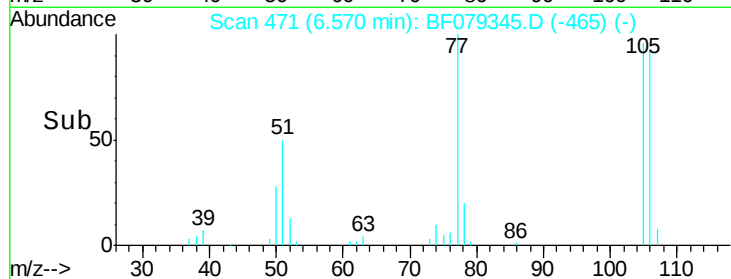
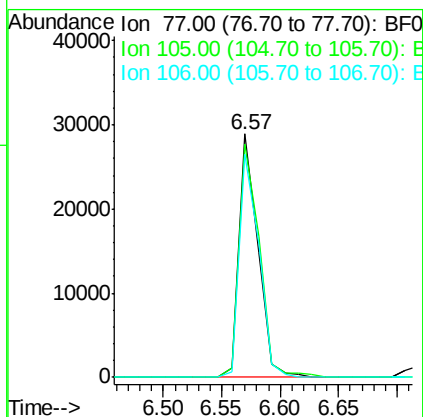
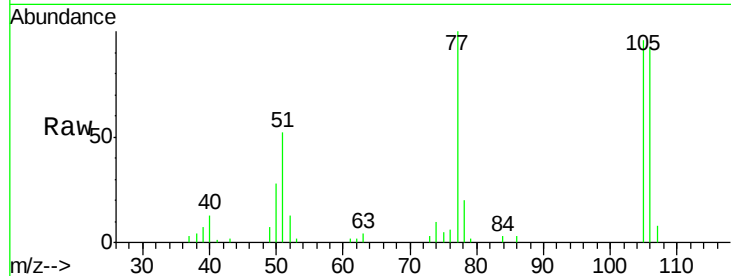
Tot Ion: 77 Resp: 32377

Ion Ratio Lower Upper

77 100

105 96.0 78.9 118.9

106 91.6 75.8 115.8



#10

Phenol

Concen: 13.85 ng m

RT: 6.72 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

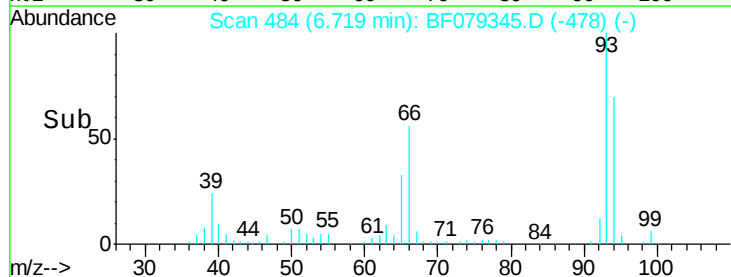
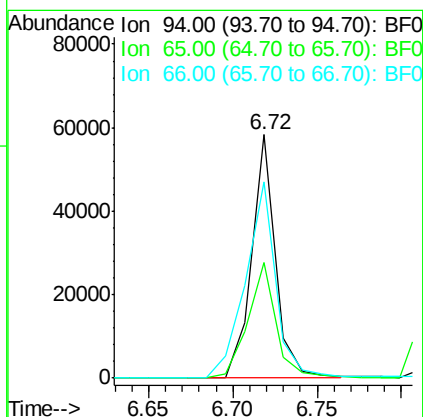
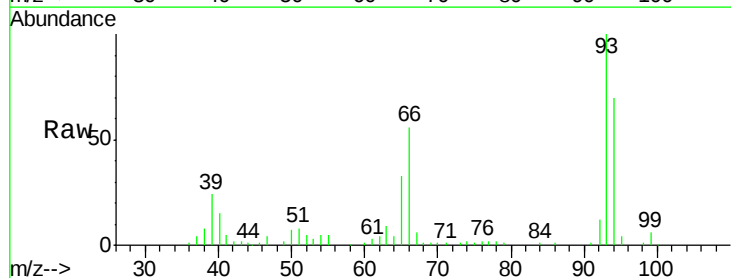
Tgt Ion: 94 Resp: 57736

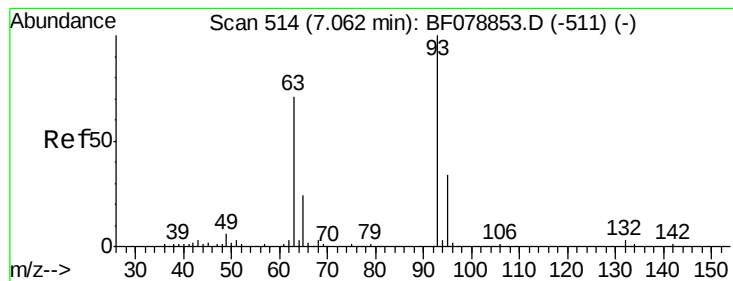
Ion Ratio Lower Upper

94 100

65 47.8 5.1 45.1#

66 80.6 13.1 53.1#

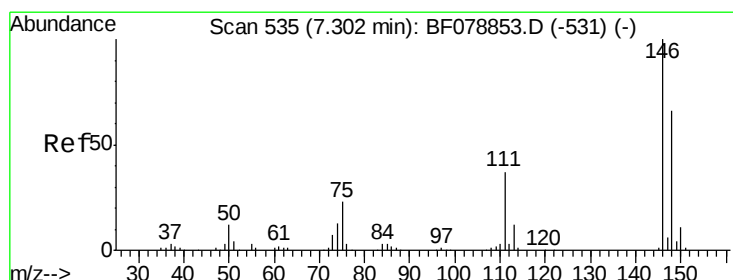
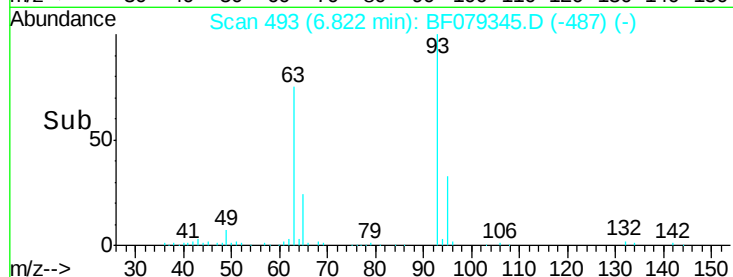
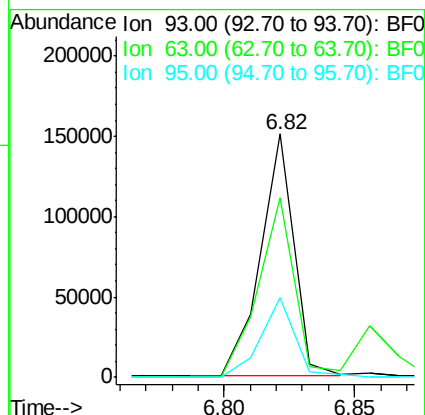
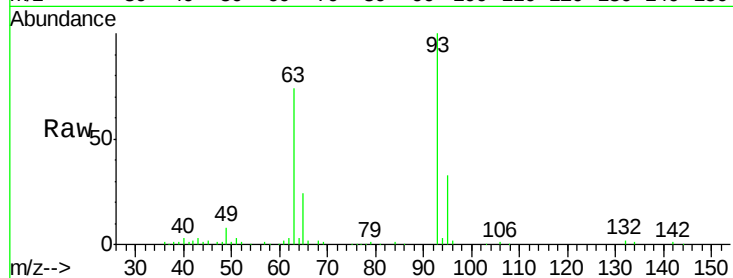




#11
bis(2-Chloroethyl)ether
Concen: 44.43 ng
RT: 6.82 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

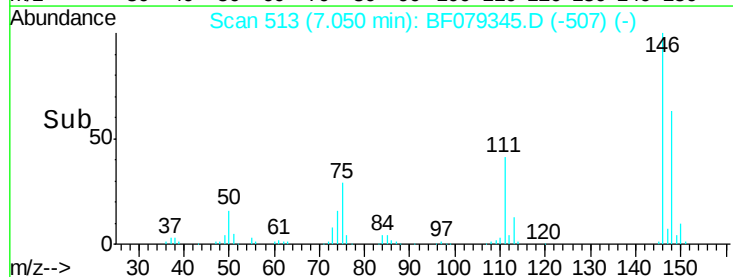
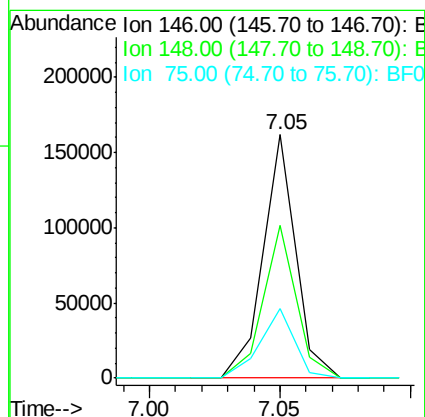
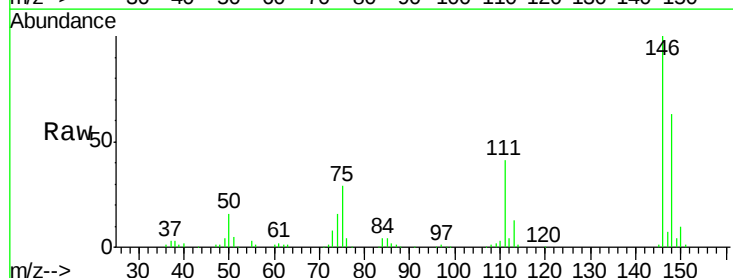
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MS

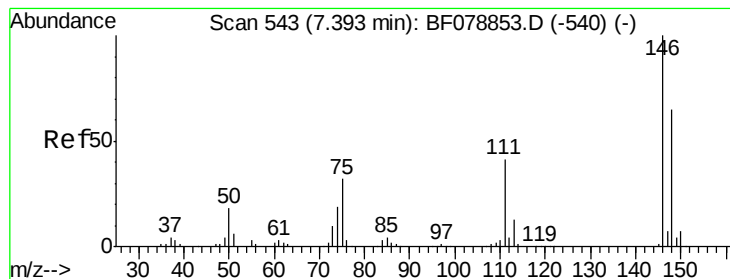
Tot Ion: 93 Resp: 135769
Ion Ratio Lower Upper
93 100
63 73.7 50.8 90.8
95 32.6 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 41.18 ng
RT: 7.05 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Tgt Ion: 146 Resp: 142718
Ion Ratio Lower Upper
146 100
148 62.9 52.4 78.6
75 28.6 18.6 27.8#





#13

1,4-Dichlorobenzene

Concen: 40.62 ng

RT: 7.15 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

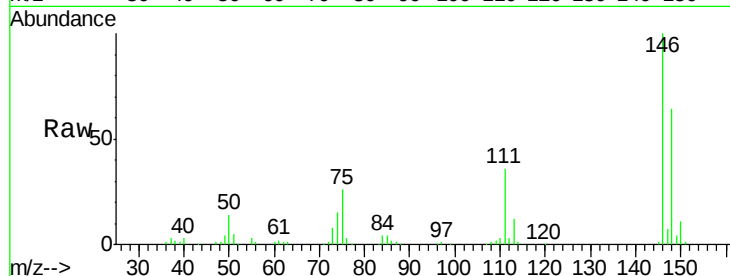
Tot Ion:146 Resp: 144874

Ion Ratio Lower Upper

146 100

148 64.4 51.7 77.5

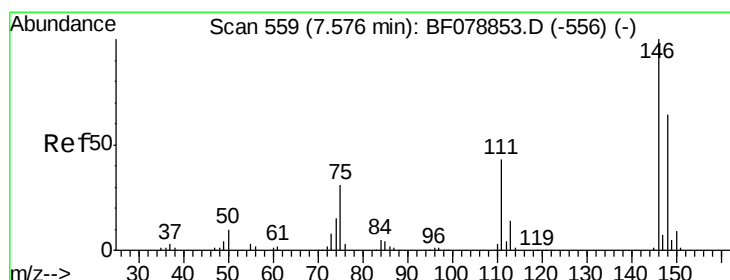
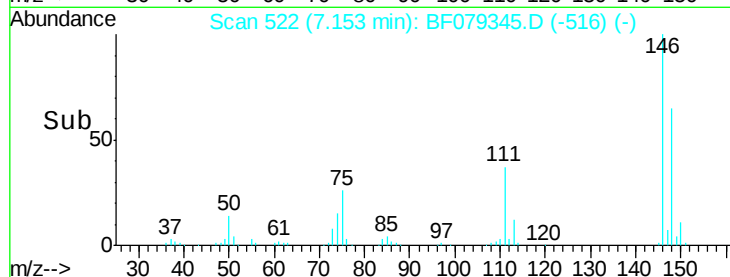
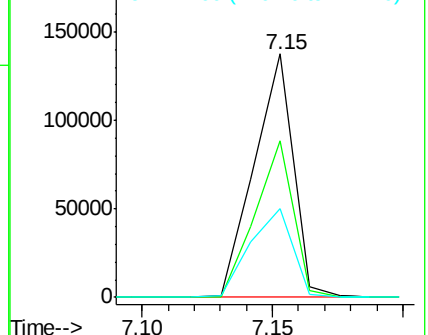
111 36.5 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.37 ng

RT: 7.34 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

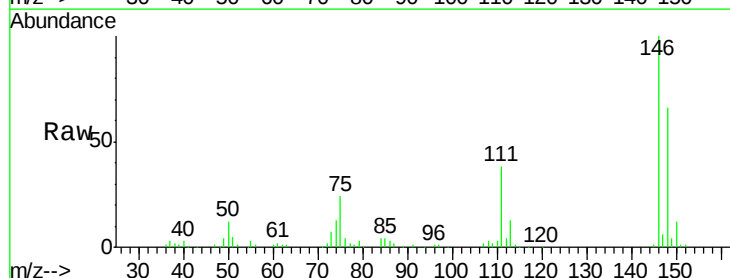
Tgt Ion:146 Resp: 134039

Ion Ratio Lower Upper

146 100

148 65.8 51.1 76.7

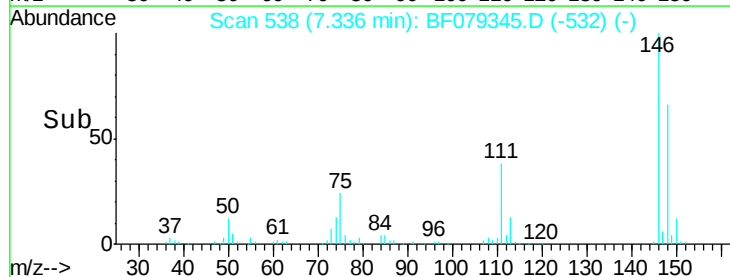
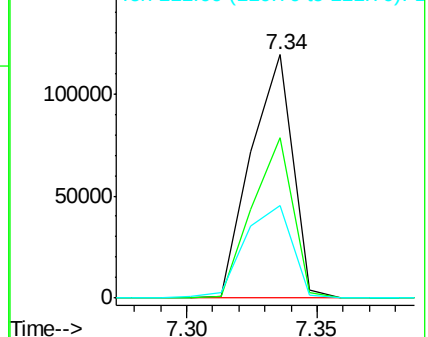
111 37.8 34.6 52.0

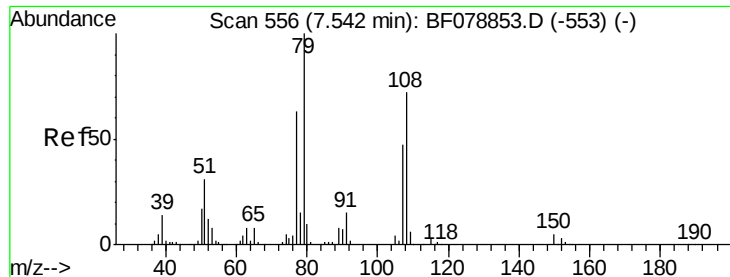


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.93 ng

RT: 7.31 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

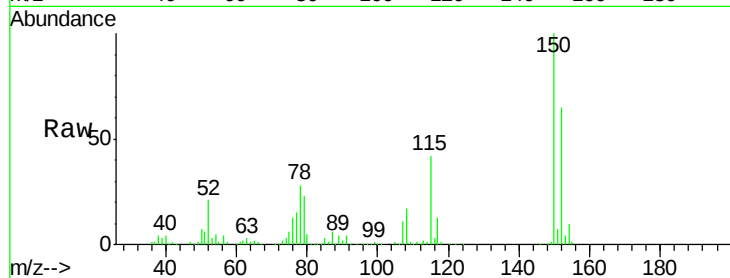
Tot Ion: 79 Resp: 69168

Ion Ratio Lower Upper

79 100

108 75.5 57.4 86.2

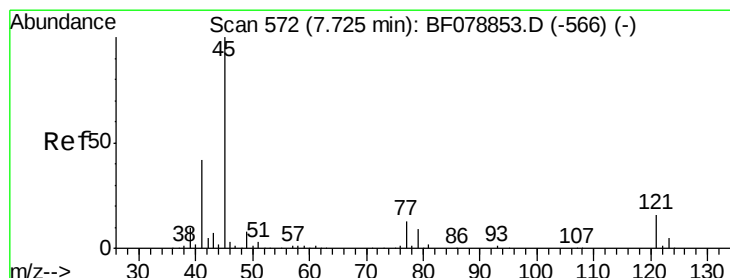
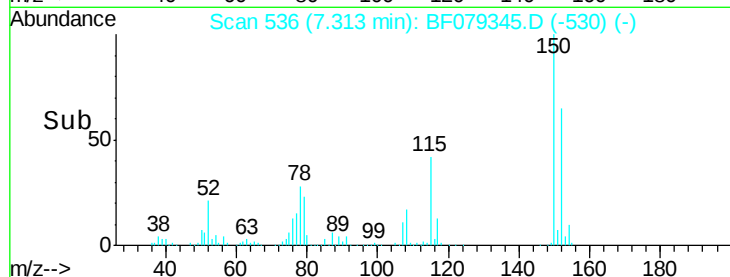
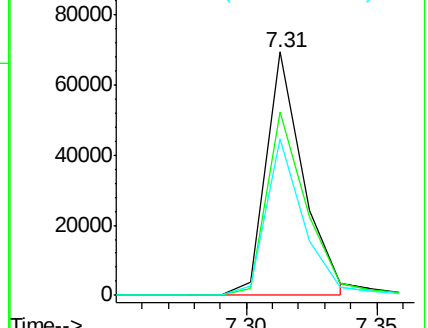
77 64.1 50.2 75.4



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: 43.57 ng

RT: 7.50 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

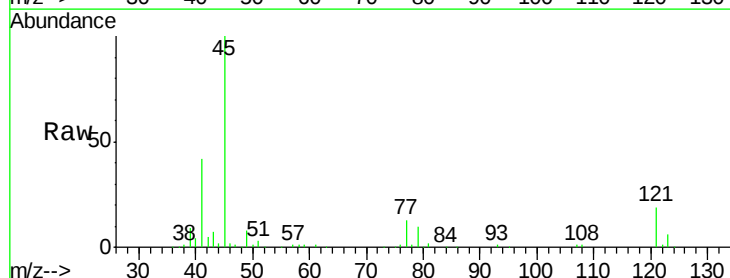
Tgt Ion: 45 Resp: 203720

Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.6

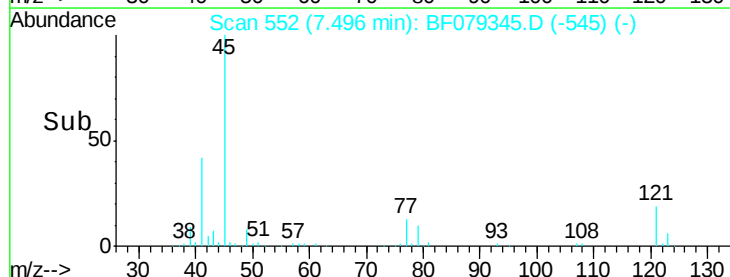
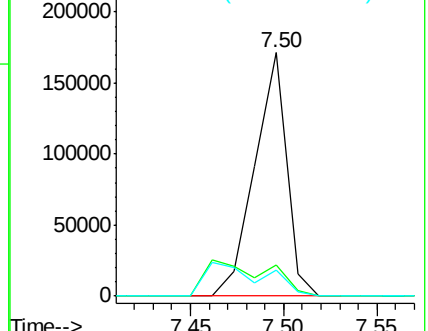
79 10.4 0.0 29.3

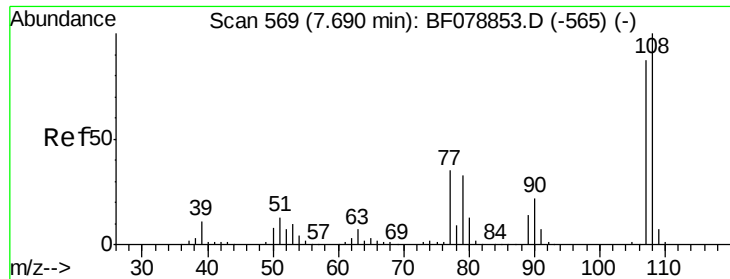


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

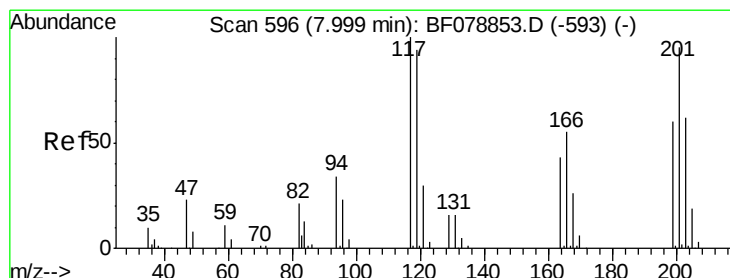
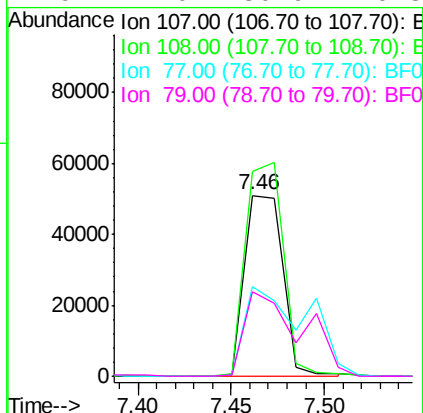
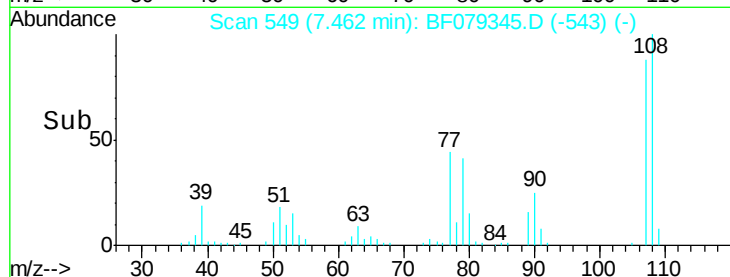
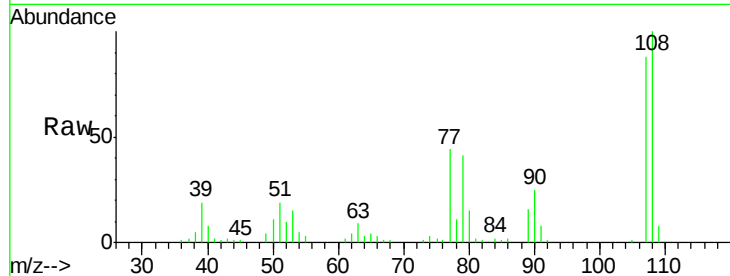




#17
2-Methylphenol
Concen: 29.19 ng
RT: 7.46 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

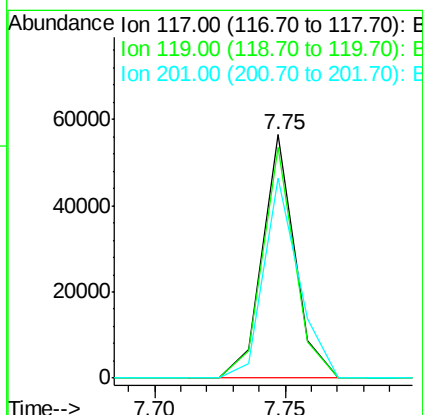
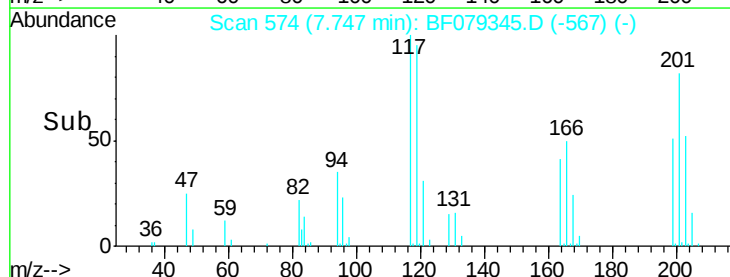
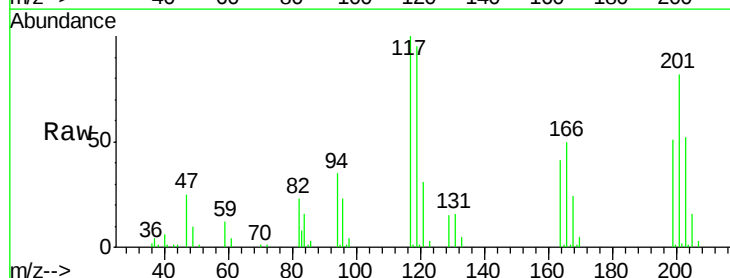
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MS

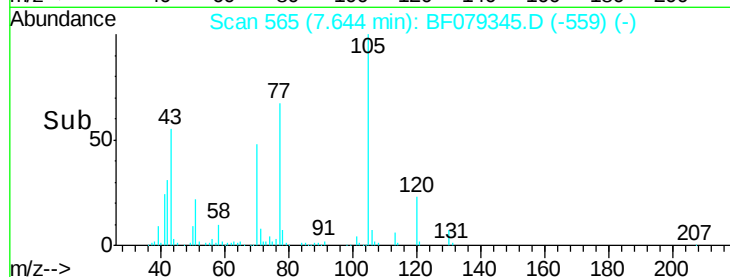
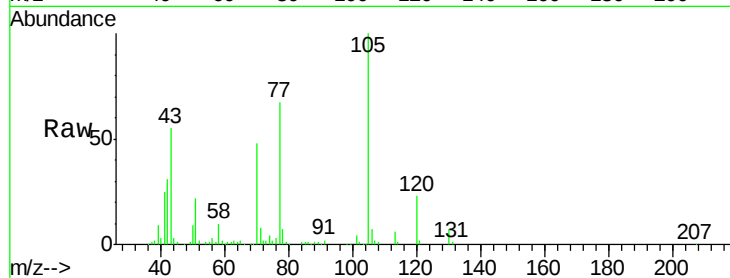
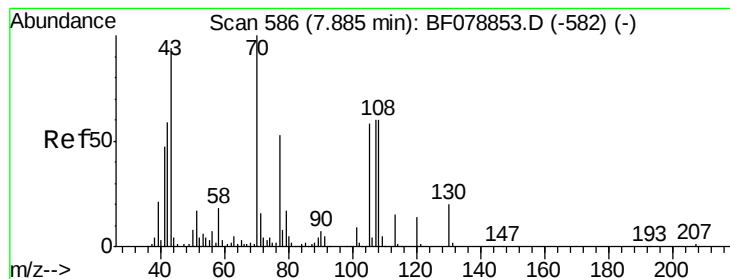
Tot Ion:107 Resp: 72423
Ion Ratio Lower Upper
107 100
108 113.6 92.4 138.6
77 49.7 32.6 49.0#
79 47.0 30.9 46.3#



#18
Hexachloroethane
Concen: 40.22 ng
RT: 7.75 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Tgt Ion:117 Resp: 49413
Ion Ratio Lower Upper
117 100
119 94.7 75.2 112.8
201 82.4 75.8 113.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.20 ng

RT: 7.64 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

Tot Ion: 70 Resp: 102433

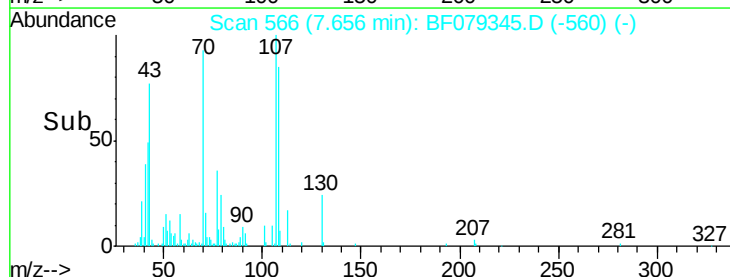
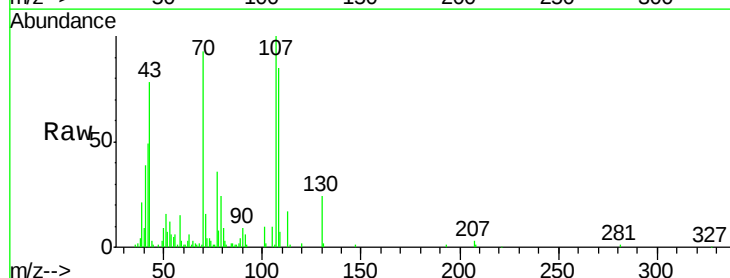
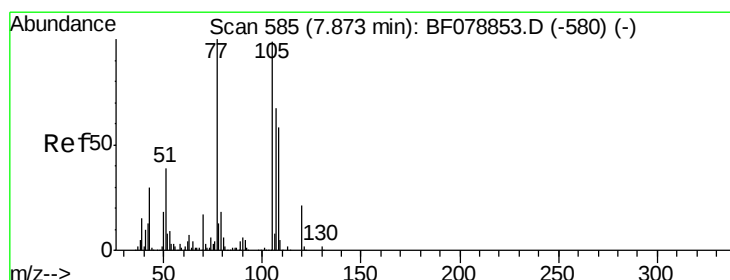
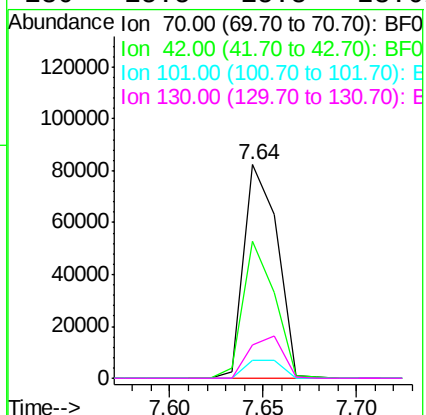
Ion Ratio Lower Upper

70 100

42 64.2 47.3 70.9

101 8.5 7.5 11.3

130 15.5 15.8 23.6#



#20

3+4-Methylphenols

Concen: 27.42 ng

RT: 7.66 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Tgt Ion: 107 Resp: 90658

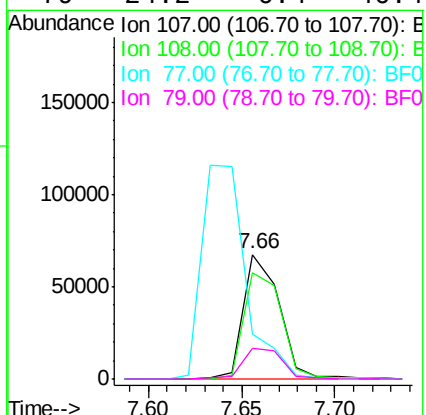
Ion Ratio Lower Upper

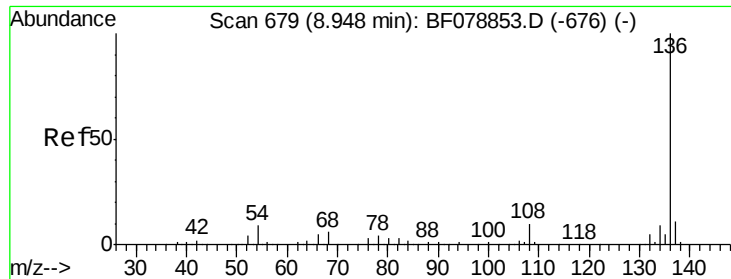
107 100

108 85.3 66.5 106.5

77 36.0 130.6 170.6#

79 24.2 6.4 46.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

Tot Ion:136 Resp: 193510

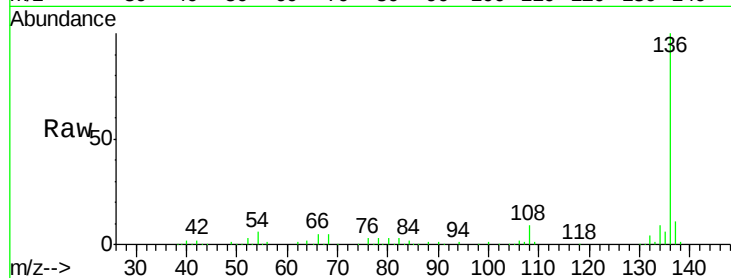
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.4 6.9 10.3#

68 5.2 4.9 7.3

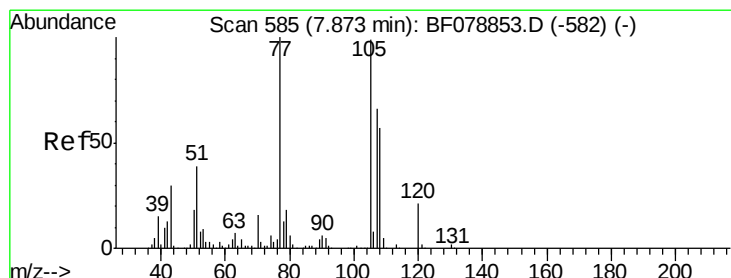
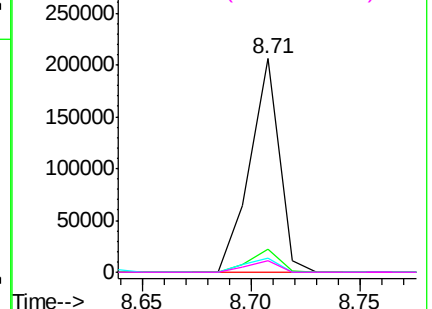
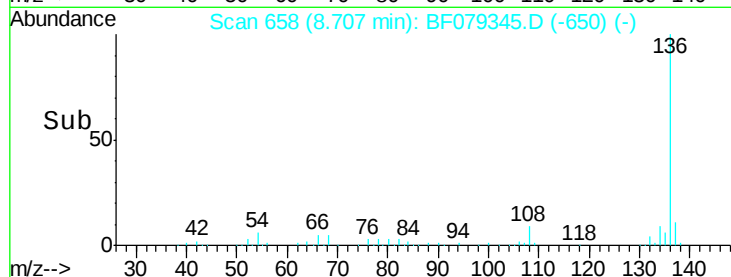


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 50.00 ng

RT: 7.64 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Tgt Ion:105 Resp: 218600

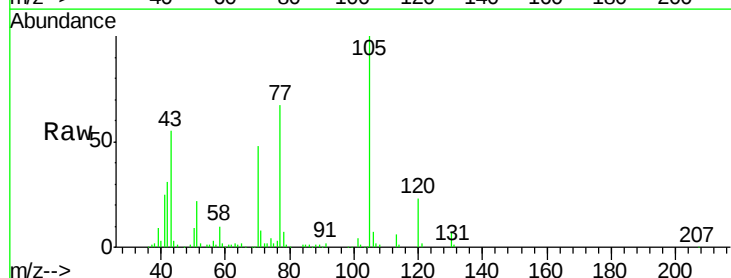
Ion Ratio Lower Upper

105 100

71 8.1 2.2 3.4#

51 21.8 31.1 46.7#

120 22.8 16.7 25.1

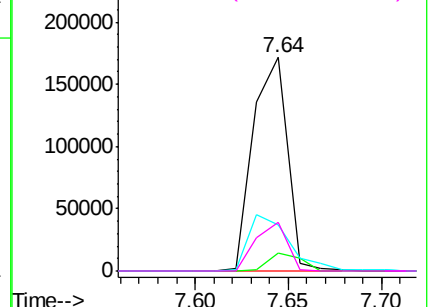
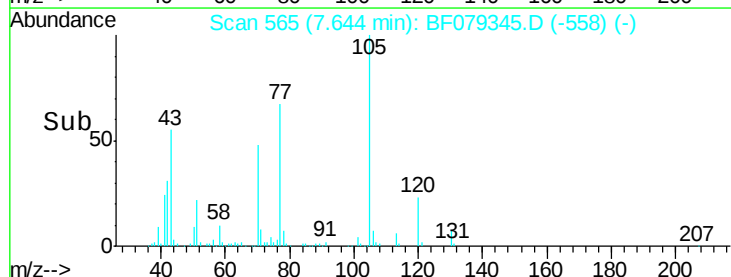


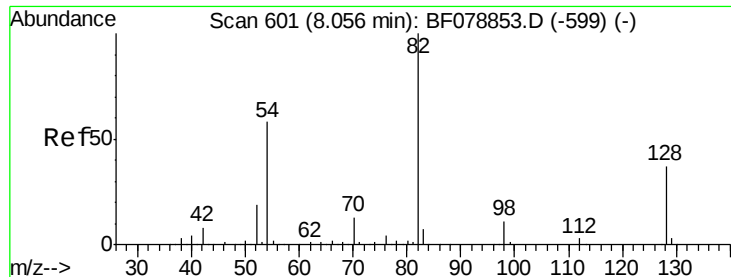
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

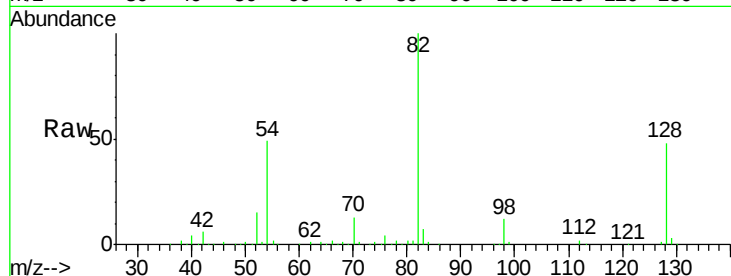




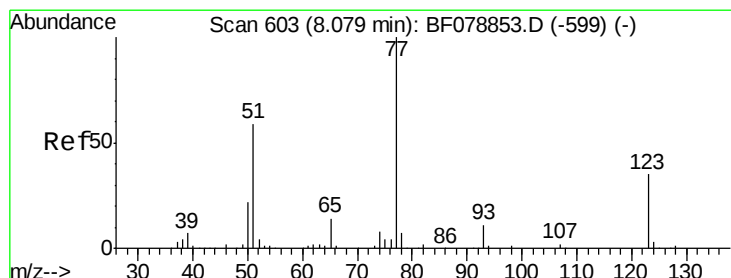
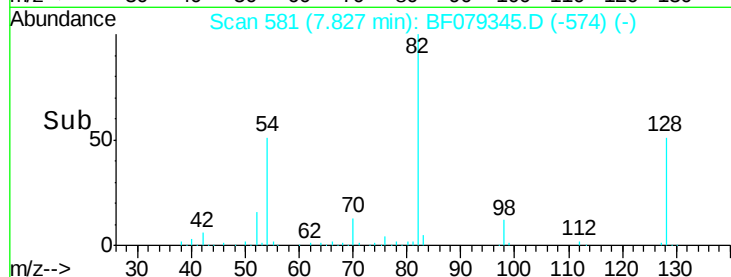
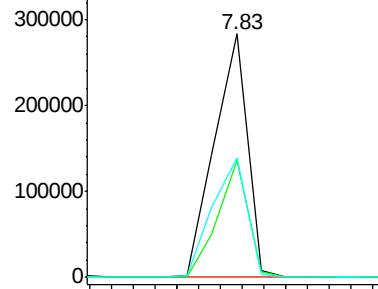
#23
 Nitrobenzene-d5
 Concen: 89.23 ng
 RT: 7.83 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

Tot Ion	82	Resp	300429
Ion Ratio	100	Lower	Upper
128	48.2	29.7	44.5#
54	49.1	46.2	69.4

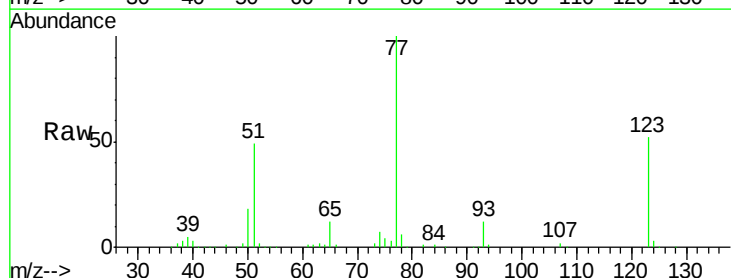


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

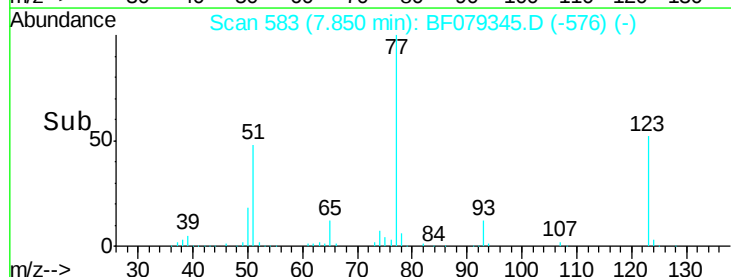
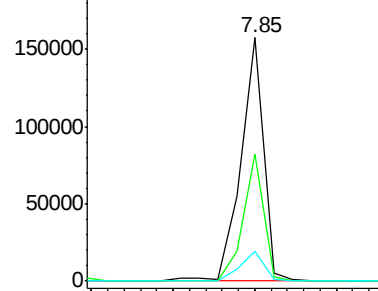


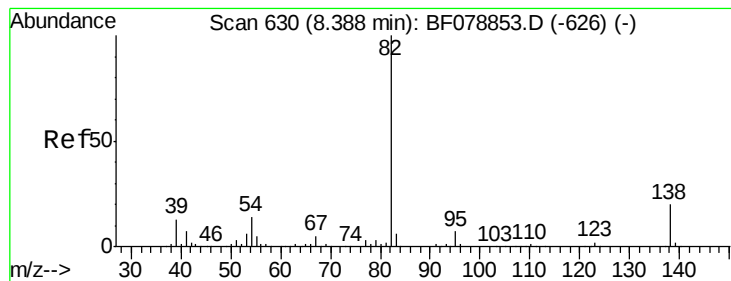
#24
 Nitrobenzene
 Concen: 46.13 ng
 RT: 7.85 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion	77	Resp	153971
Ion Ratio	100	Lower	Upper
123	52.0	28.3	42.5#
65	12.3	11.0	16.4



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: 45.21 ng

RT: 8.15 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

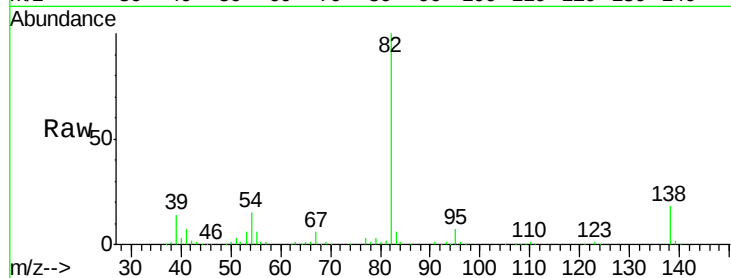
Tot Ion: 82 Resp: 282182

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

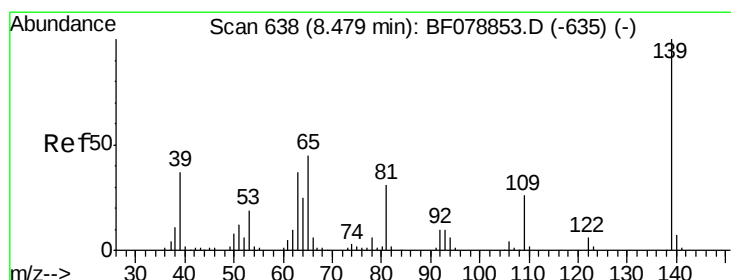
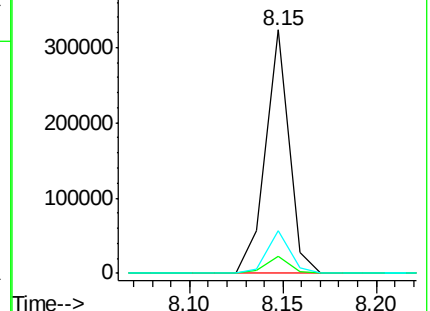
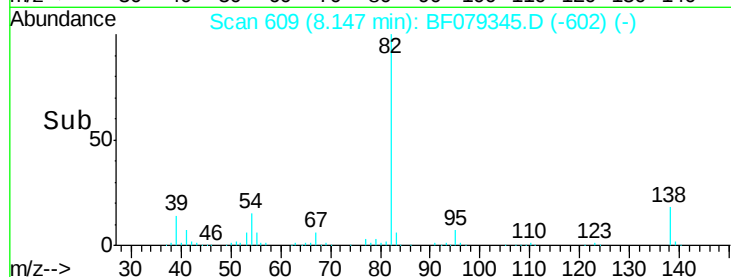
138 17.8 16.1 24.1



Abundance Ion 82.00 (81.70 to 82.70): BF079345.D (-602) (-)

Ion 95.00 (94.70 to 95.70): BF079345.D (-602) (-)

Ion 138.00 (137.70 to 138.70): BF079345.D (-602) (-)



#26

2-Nitrophenol

Concen: 49.04 ng

RT: 8.24 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

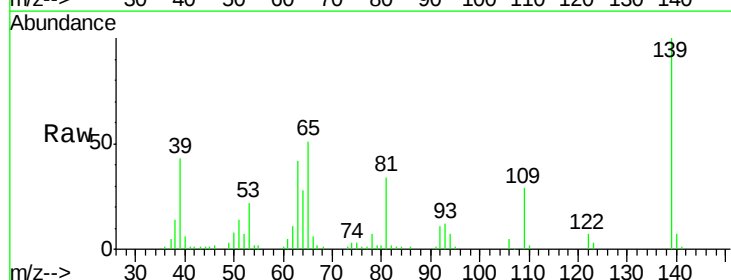
Tgt Ion: 139 Resp: 67747

Ion Ratio Lower Upper

139 100

109 28.8 20.9 31.3

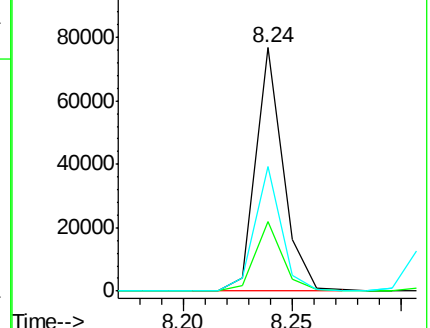
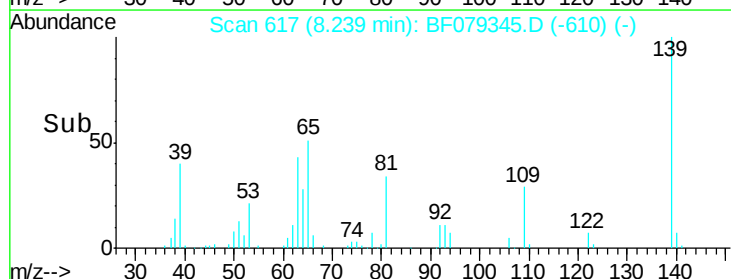
65 51.2 35.8 53.8

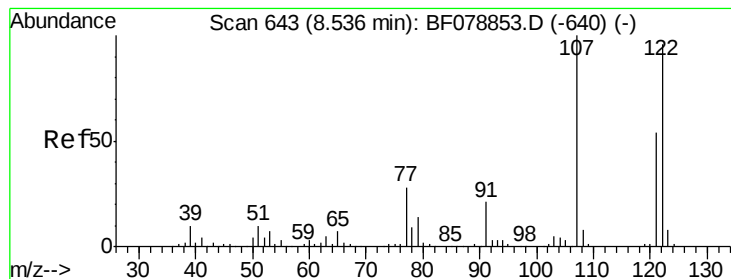


Abundance Ion 139.00 (138.70 to 139.70): BF079345.D (-610) (-)

Ion 109.00 (108.70 to 109.70): BF079345.D (-610) (-)

Ion 65.00 (64.70 to 65.70): BF079345.D (-610) (-)





#27

2,4-Dimethylphenol

Concen: 40.99 ng

RT: 8.31 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

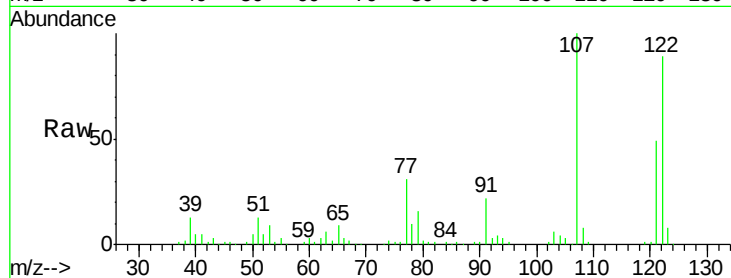
Tot Ion:122 Resp: 113297

Ion Ratio Lower Upper

122 100

107 112.3 83.6 125.4

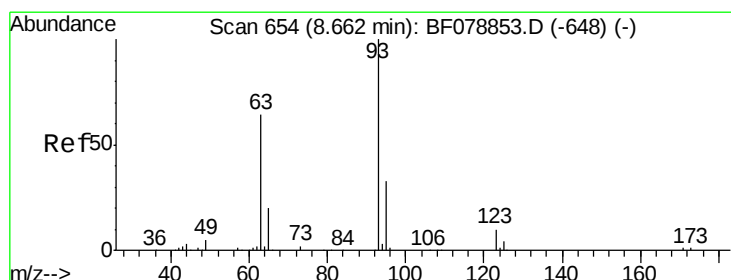
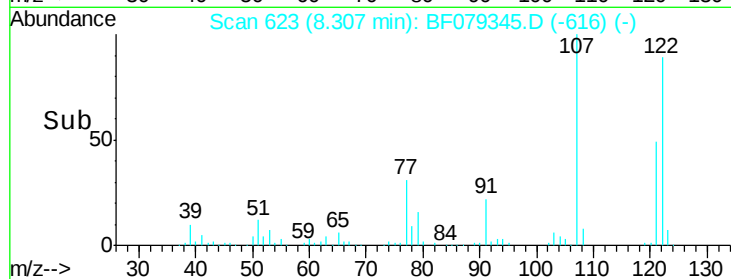
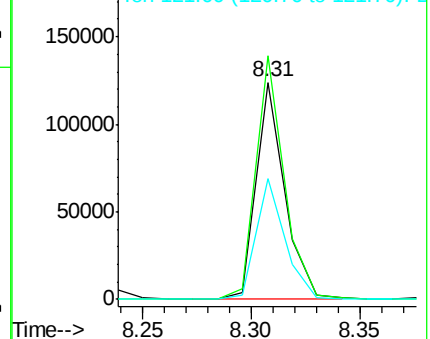
121 55.5 44.9 67.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.83 ng

RT: 8.43 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

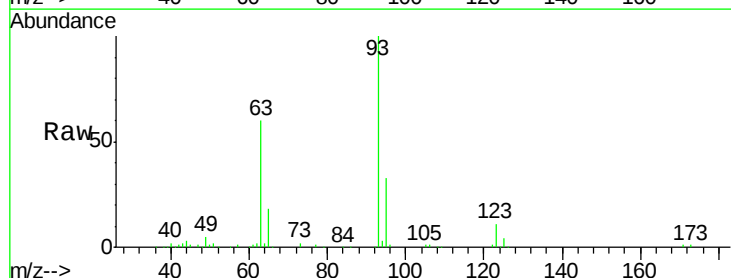
Tgt Ion: 93 Resp: 176342

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

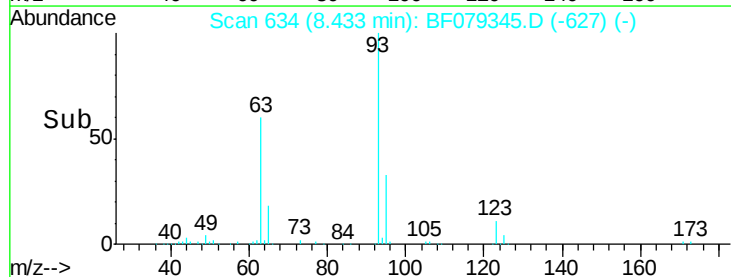
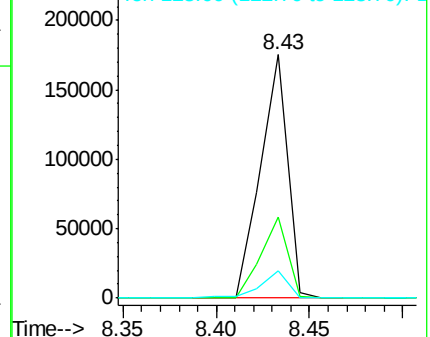
123 11.2 8.6 12.8

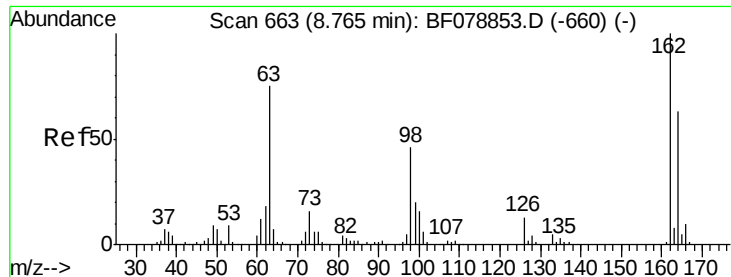


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

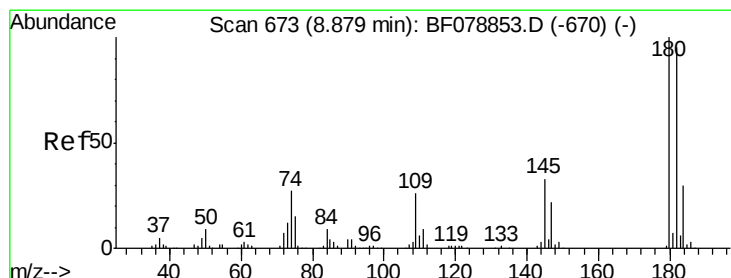
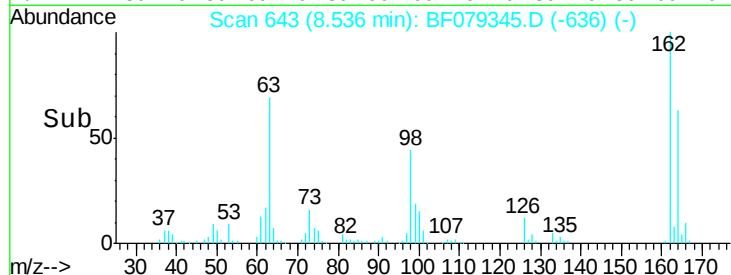
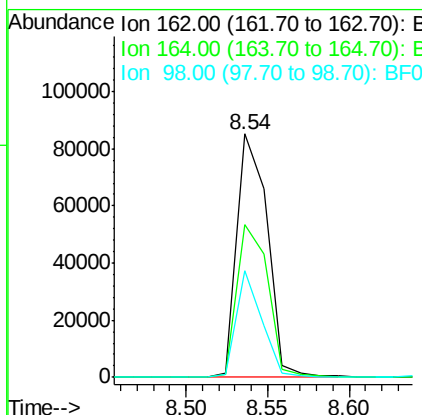
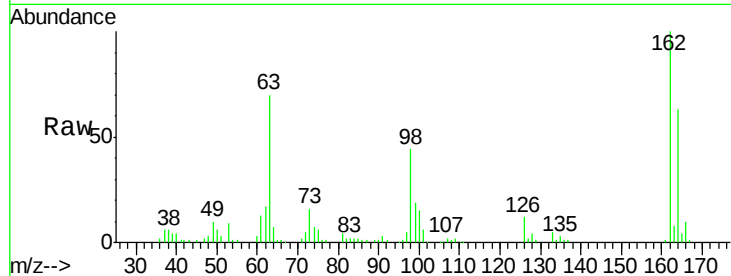




#29
 2,4-Dichlorophenol
 Concen: 44.53 ng
 RT: 8.54 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

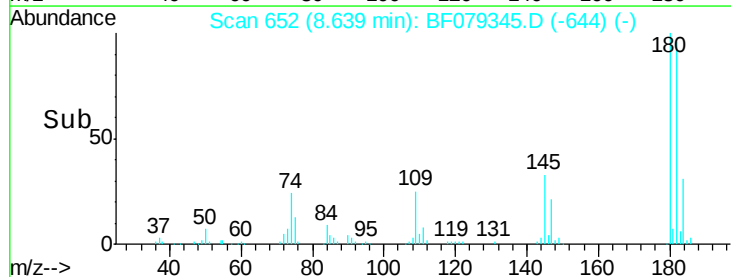
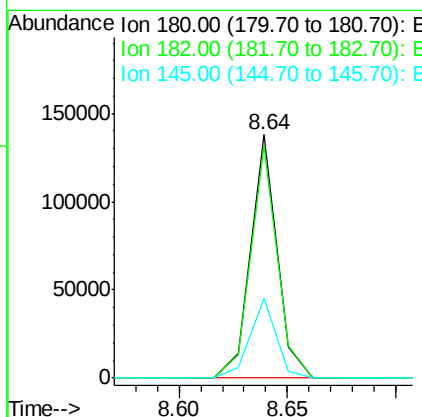
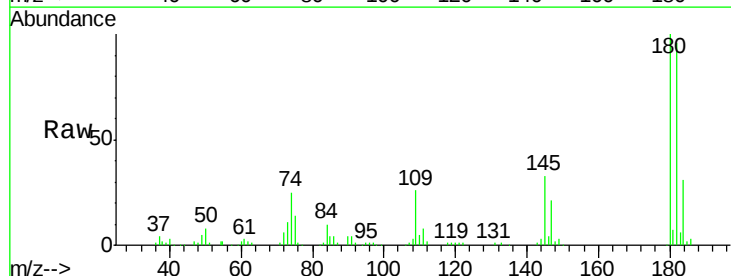
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

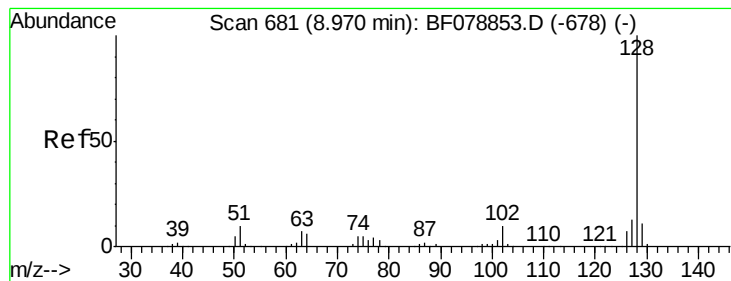
Tot Ion:162 Resp: 109457
 Ion Ratio Lower Upper
 162 100
 164 62.7 42.7 82.7
 98 44.0 26.3 66.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.21 ng
 RT: 8.64 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion:180 Resp: 116666
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.7 113.5
 145 32.9 26.2 39.4





#31

Naphthalene

Concen: 44.53 ng

RT: 8.73 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

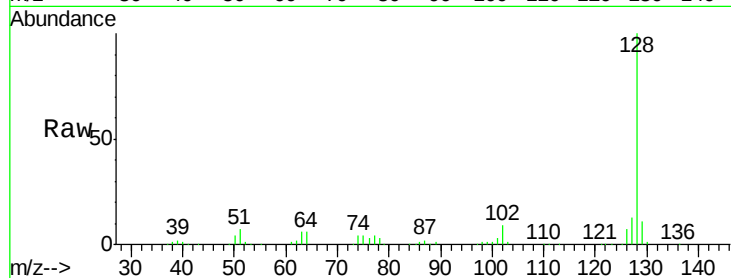
Tot Ion:128 Resp: 410568

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

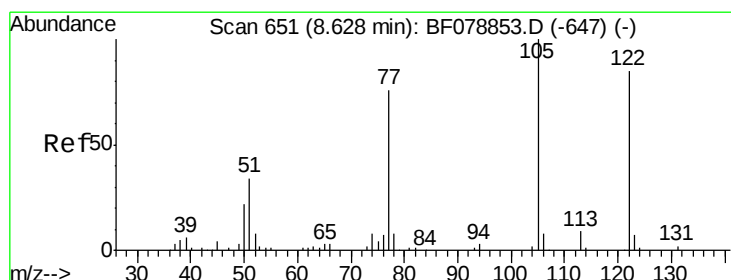
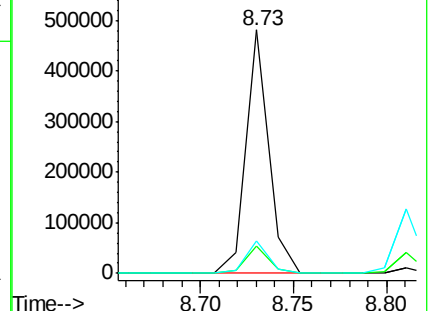
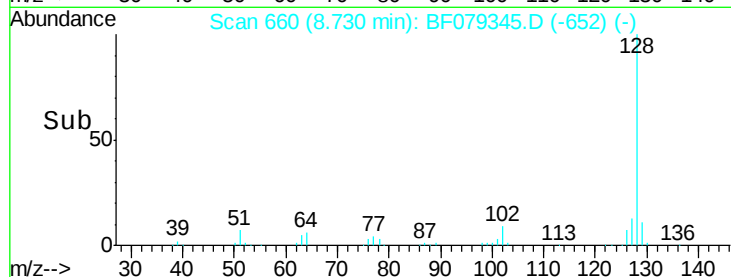
127 13.3 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.70 ng m

RT: 8.40 min Scan# 631

Delta R.T. -0.05 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

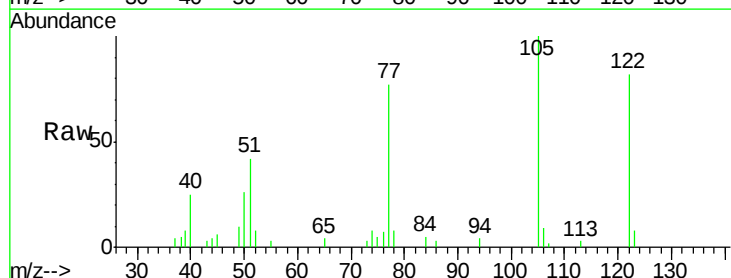
Tgt Ion:122 Resp: 22708

Ion Ratio Lower Upper

122 100

105 121.4 100.7 140.7

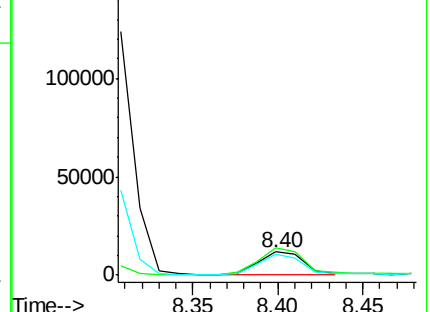
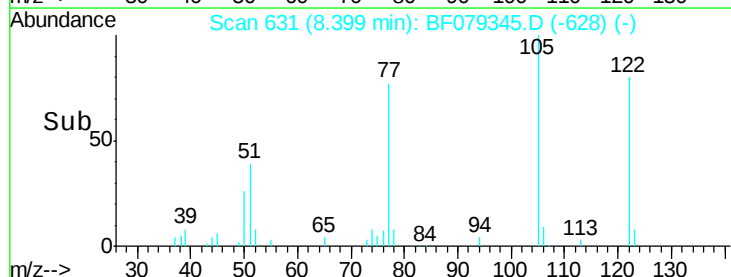
77 93.2 72.0 112.0

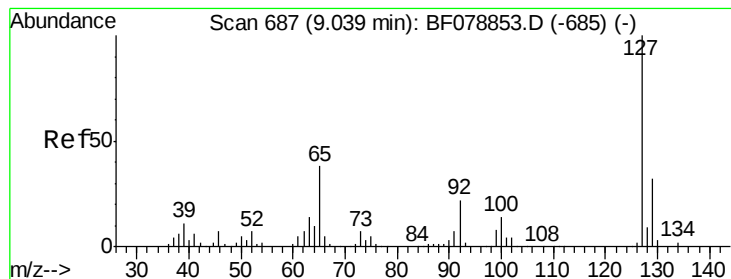


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 28.69 ng

RT: 8.81 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

Tot Ion:127 Resp: 111932

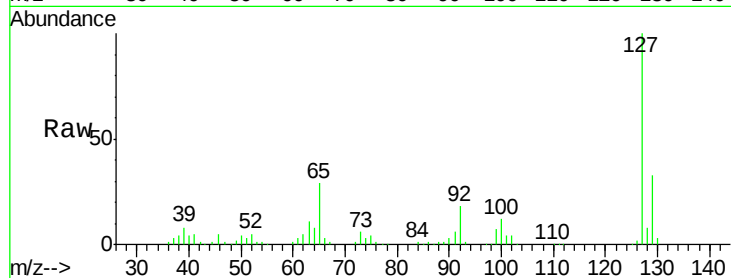
Ion Ratio Lower Upper

127 100

129 32.9 25.6 38.4

65 29.0 30.2 45.4#

92 18.3 17.5 26.3

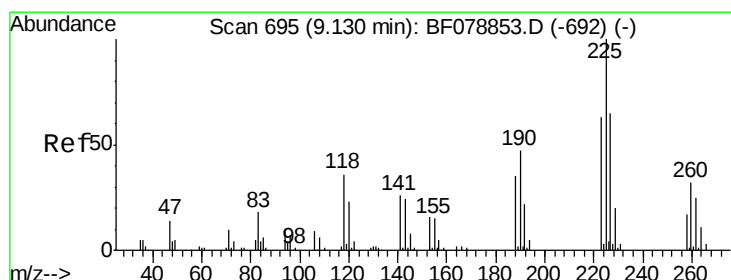
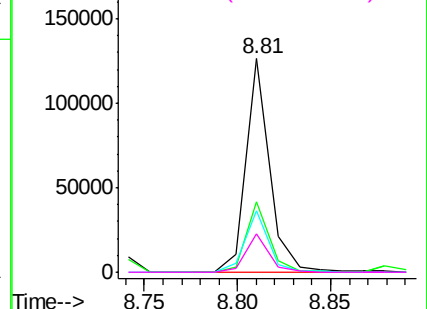
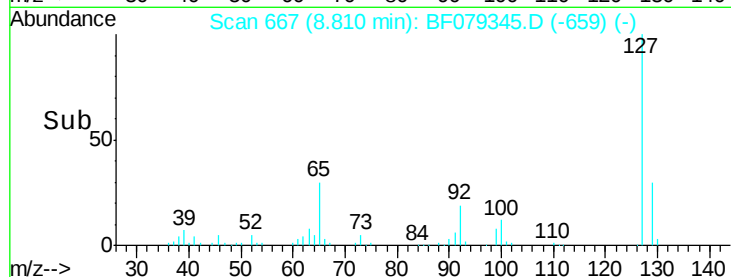


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.83 ng

RT: 8.89 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

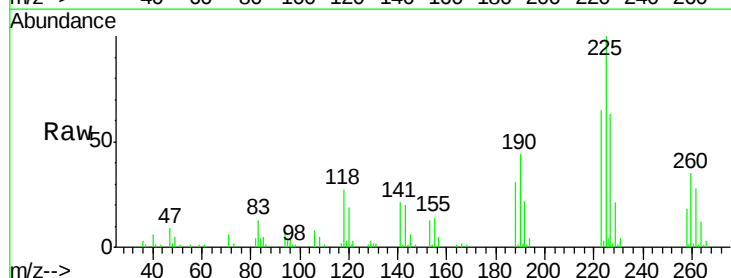
Tgt Ion:225 Resp: 61933

Ion Ratio Lower Upper

225 100

223 64.9 50.6 75.8

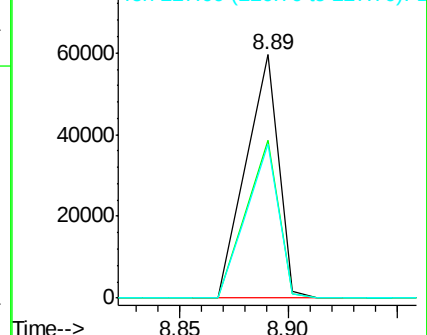
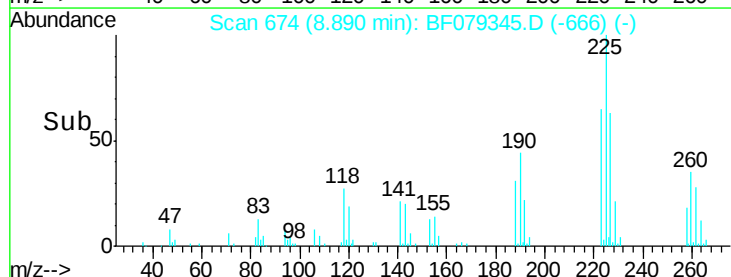
227 63.2 52.1 78.1

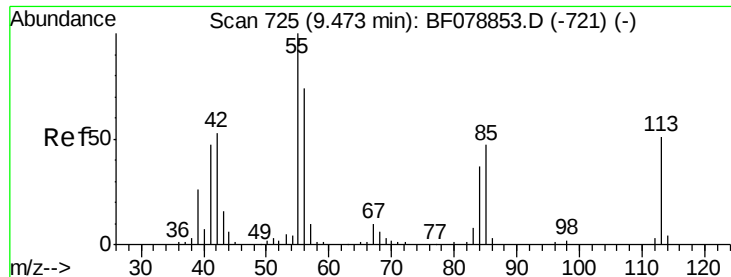


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

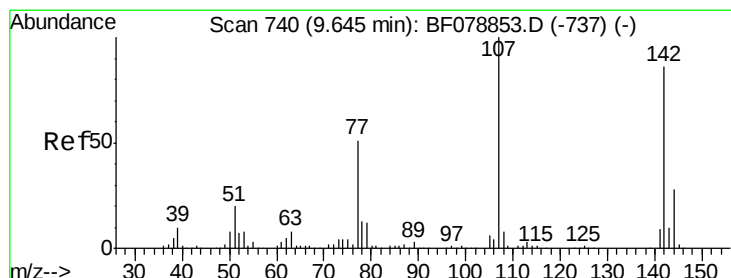
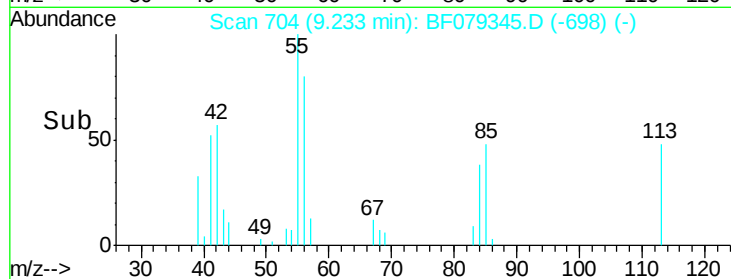
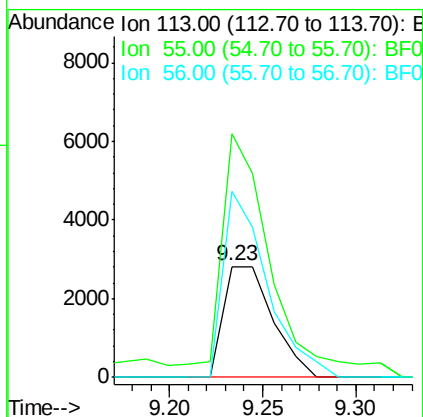
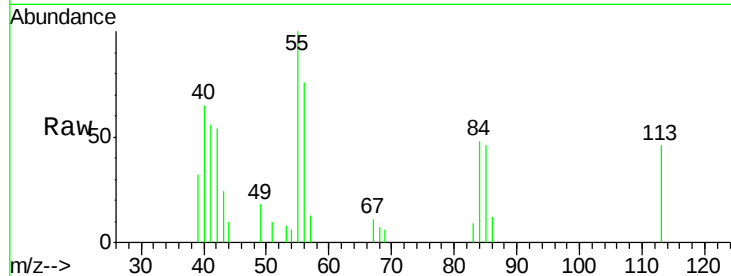




#35
 Caprolactam
 Concen: 6.50 ng
 RT: 9.23 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

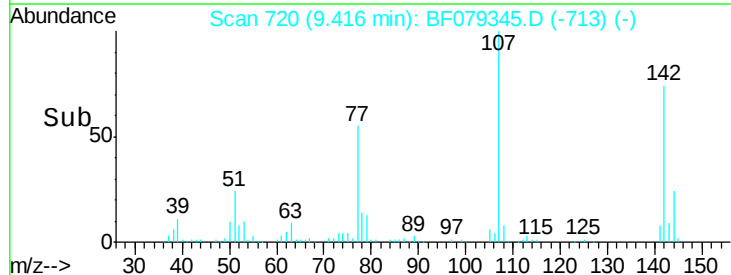
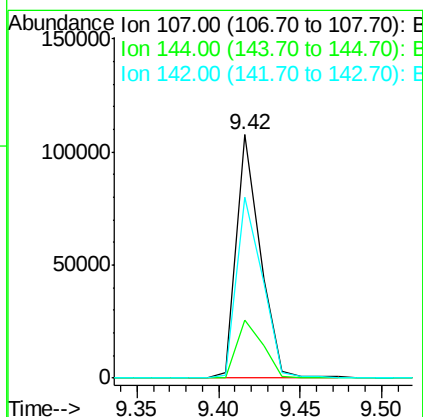
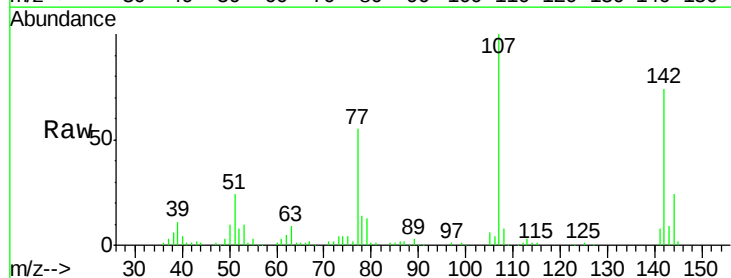
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

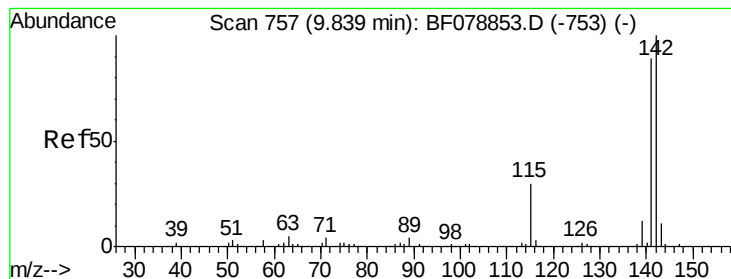
Tot Ion:113 Resp: 5167
 Ion Ratio Lower Upper
 113 100
 55 219.6 176.0 216.0#
 56 167.2 123.8 163.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.21 ng
 RT: 9.42 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion:107 Resp: 108973
 Ion Ratio Lower Upper
 107 100
 144 23.7 22.5 33.7
 142 74.5 68.6 103.0





#37

2-Methylnaphthalene

Concen: 44.71 ng

RT: 9.59 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

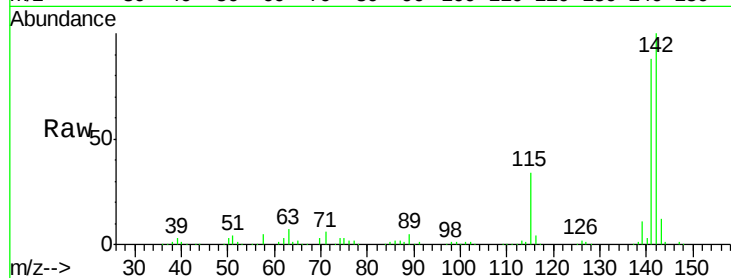
Tot Ion:142 Resp: 285658

Ion Ratio Lower Upper

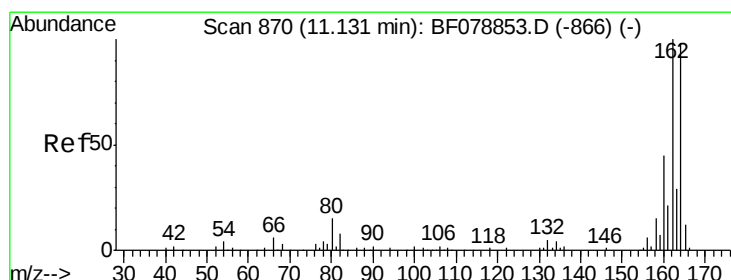
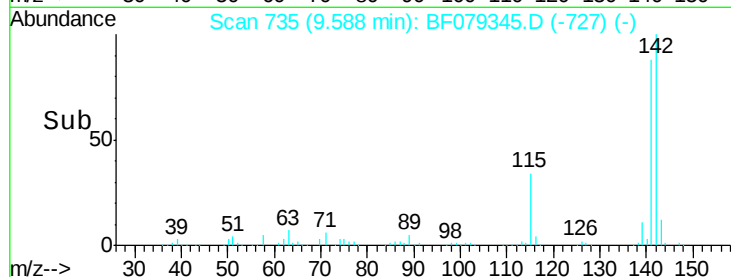
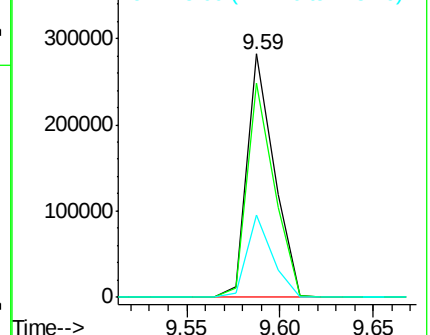
142 100

141 87.9 71.6 107.4

115 34.0 24.2 36.4



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: 10.88 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

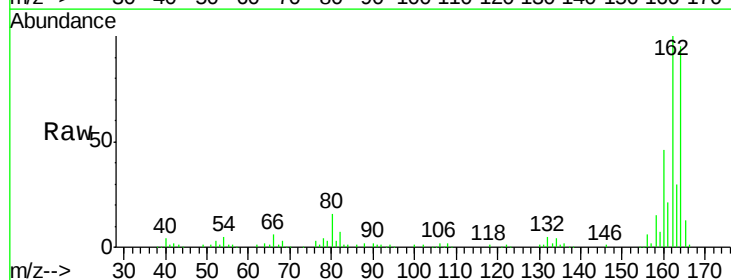
Tgt Ion:164 Resp: 93979

Ion Ratio Lower Upper

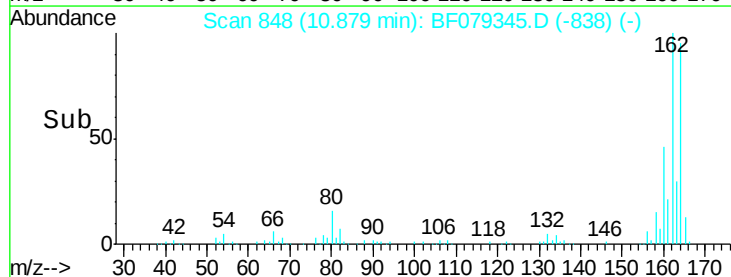
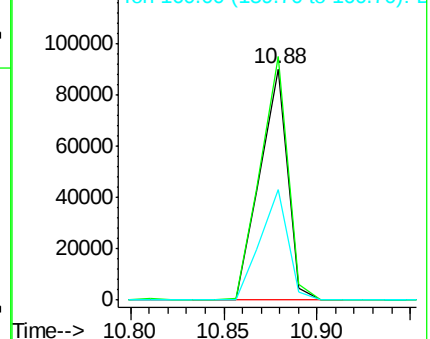
164 100

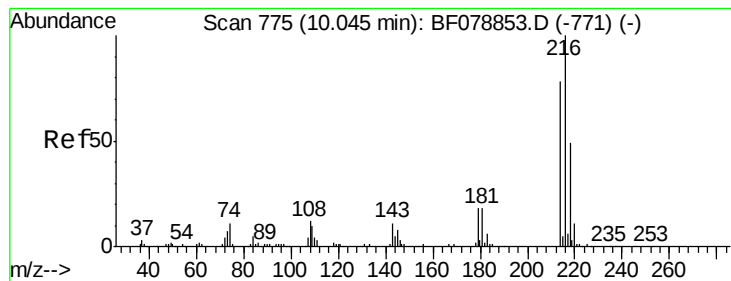
162 105.3 81.4 122.0

160 48.0 36.6 54.8



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: 43.05 ng

RT: 9.79 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

Tot Ion:216 Resp: 113944

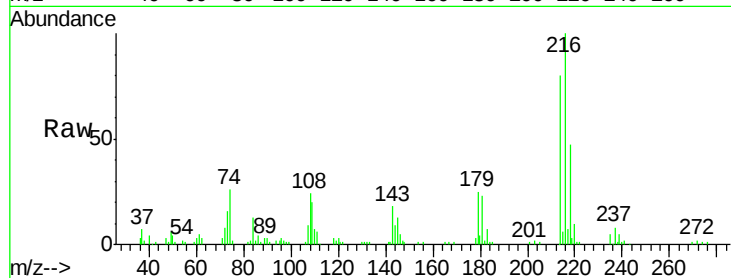
Ion Ratio Lower Upper

216 100

214 79.4 64.0 96.0

179 22.3 17.0 25.4

108 23.1 17.0 25.6

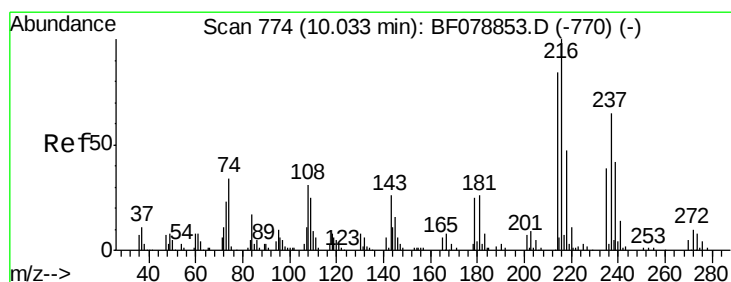
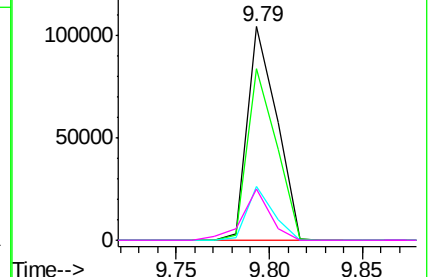
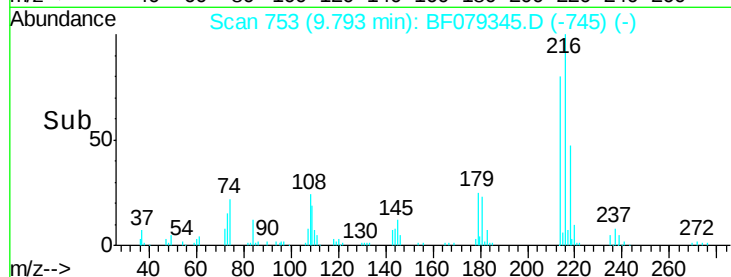


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.43 ng

RT: 9.78 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

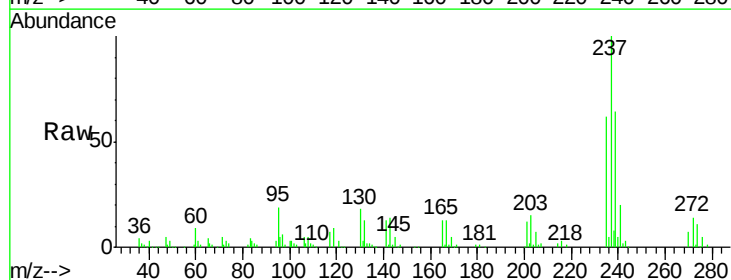
Tgt Ion:237 Resp: 92406

Ion Ratio Lower Upper

237 100

235 62.2 40.0 80.0

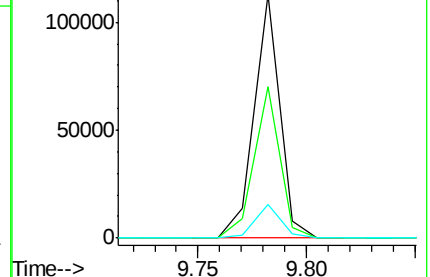
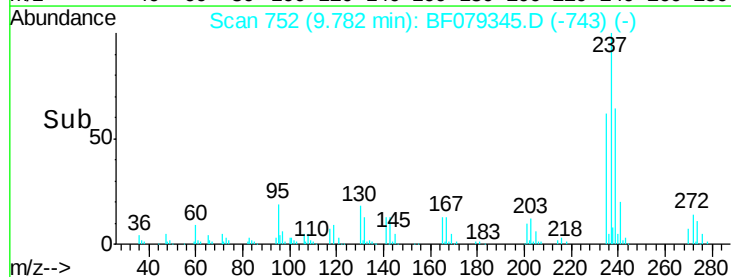
272 13.8 0.0 36.0

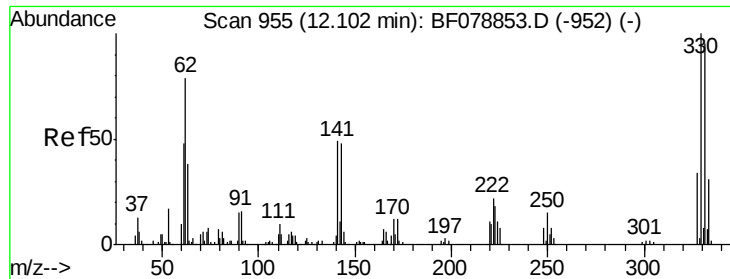


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

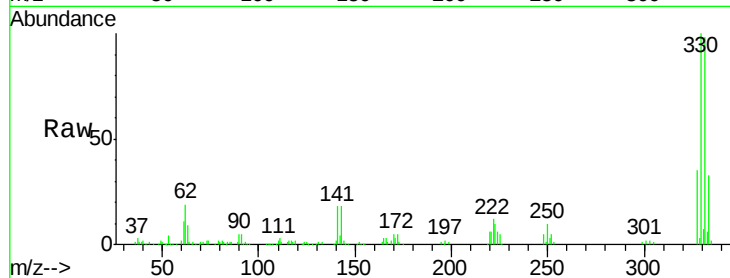




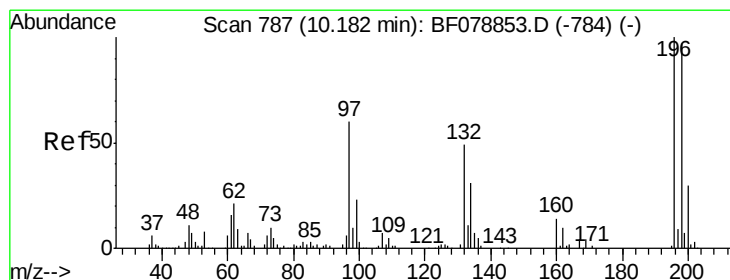
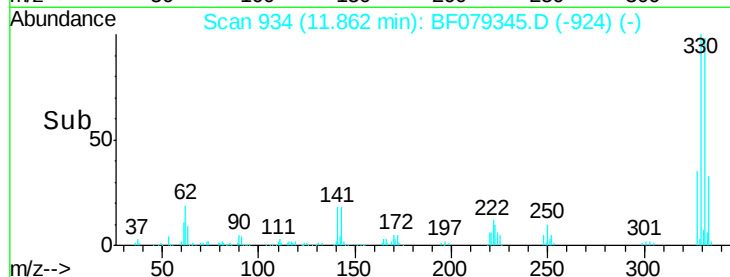
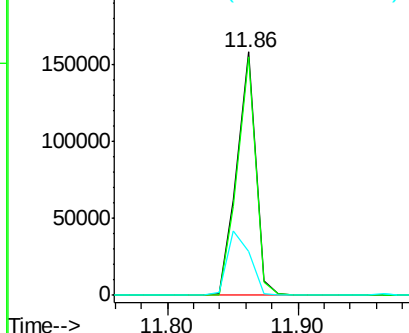
#41
 2,4,6-Tribromophenol
 Concen: 156.49 ng
 RT: 11.86 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	31.7	27.8	41.8

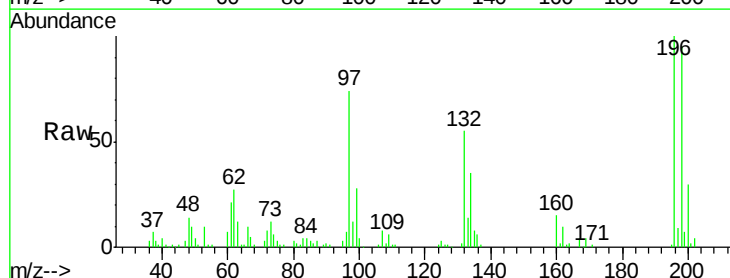


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

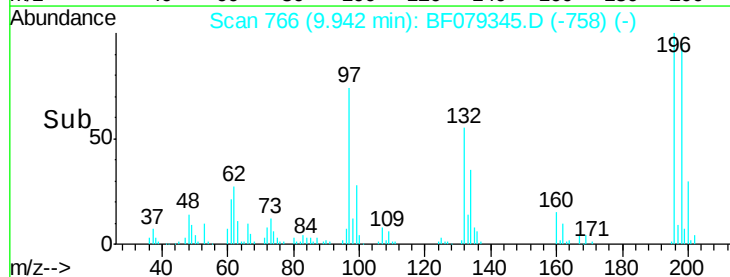
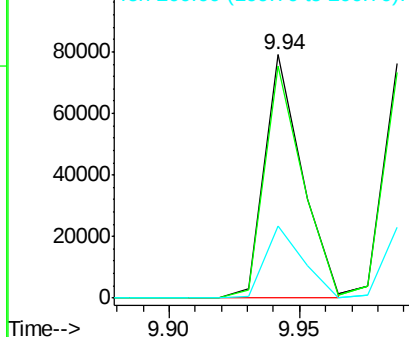


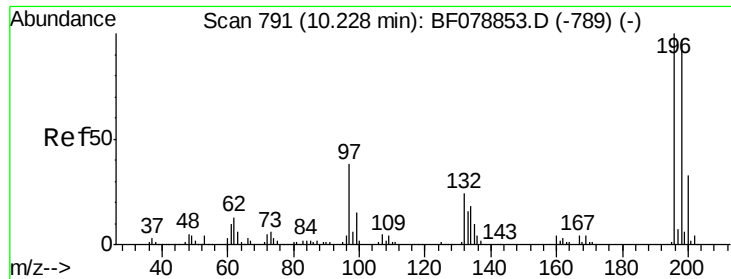
#42
 2,4,6-Trichlorophenol
 Concen: 43.54 ng
 RT: 9.94 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.4	116.2
200	29.7	23.7	35.5



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

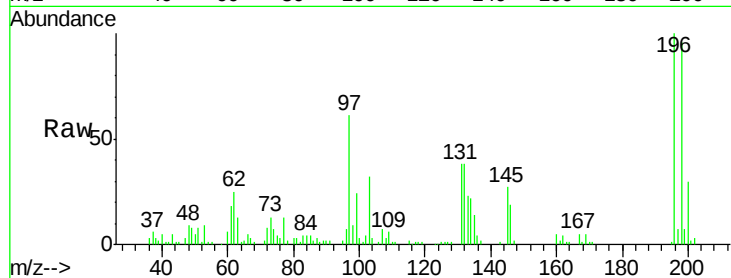




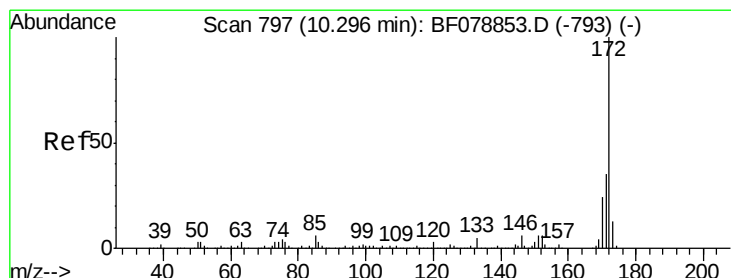
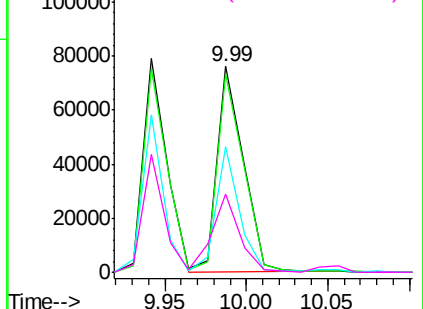
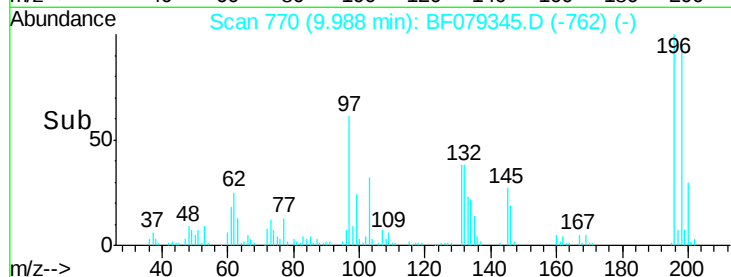
#43
 2,4,5-Trichlorophenol
 Concen: 45.59 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

Tot Ion:196 Resp: 83866
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.3 115.9
 97 61.2 31.3 46.9#
 132 37.9 19.7 29.5#

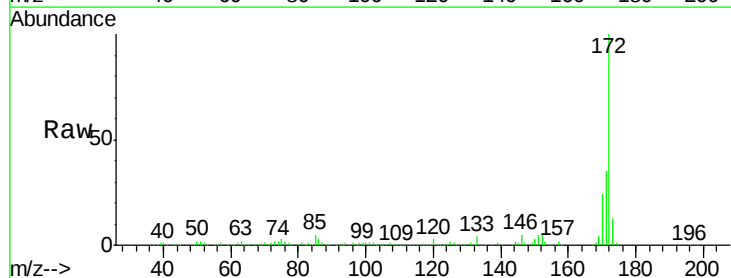


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

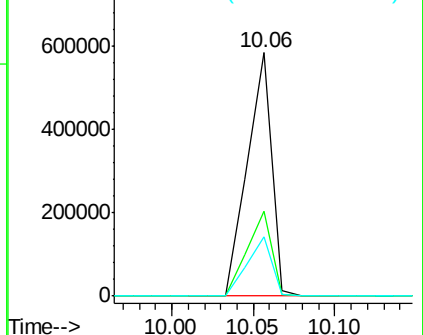
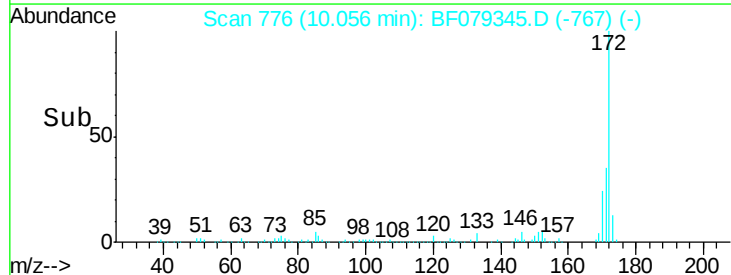


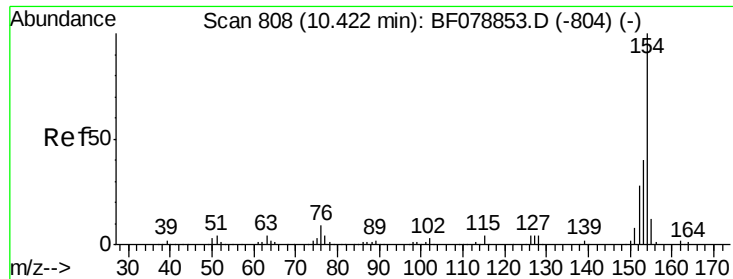
#44
 2-Fluorobiphenyl
 Concen: 89.59 ng
 RT: 10.06 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion:172 Resp: 604353
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 24.2 19.4 29.2



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: 46.37 ng

RT: 10.17 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

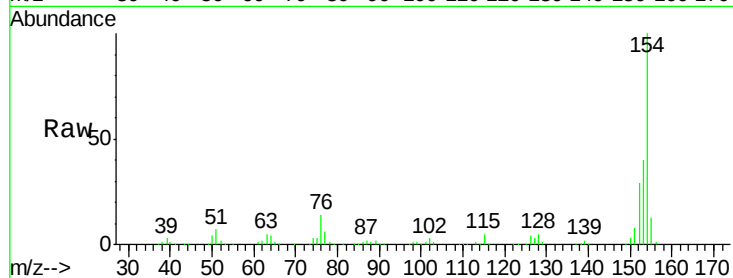
Tot Ion:154 Resp: 346414

Ion Ratio Lower Upper

154 100

153 40.3 19.7 59.7

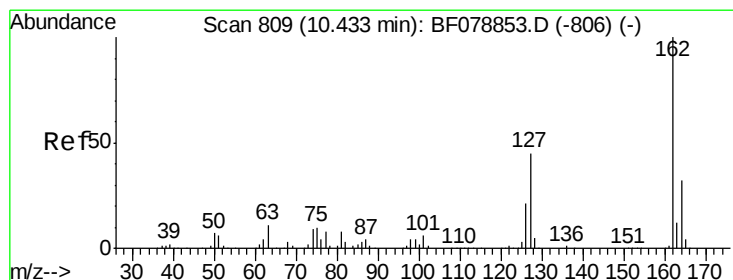
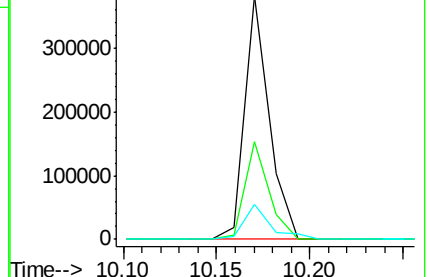
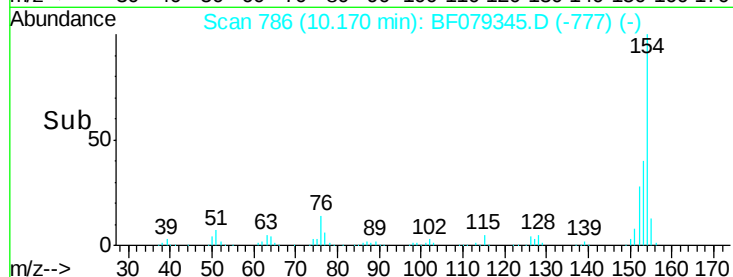
76 14.4 0.0 29.1



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: 46.60 ng

RT: 10.19 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

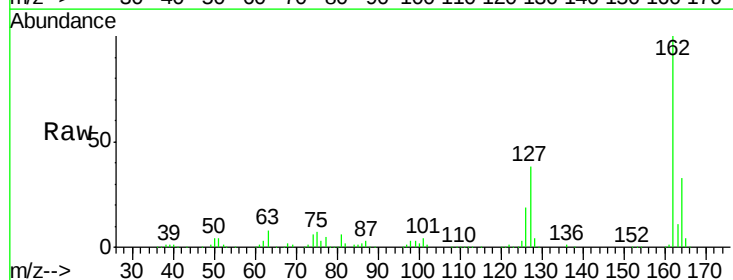
Tgt Ion:162 Resp: 271588

Ion Ratio Lower Upper

162 100

127 38.4 36.3 54.5

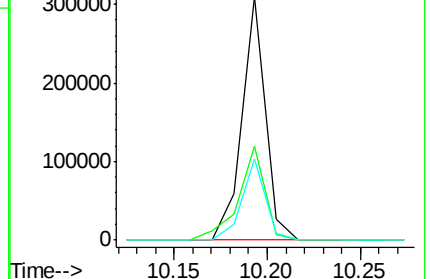
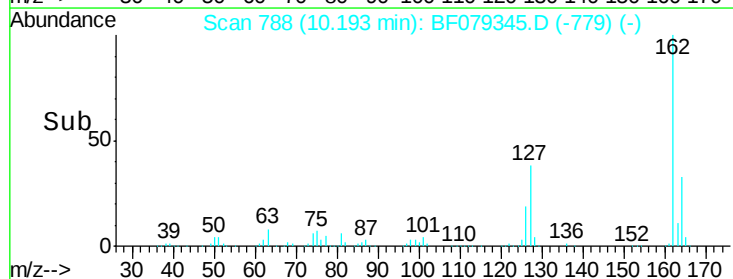
164 33.1 25.9 38.9

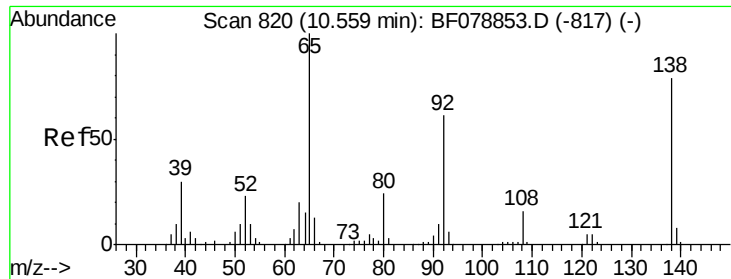


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

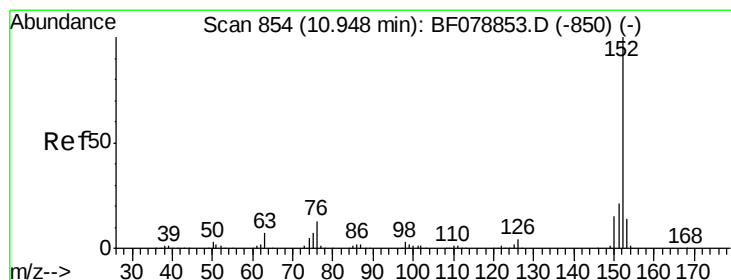
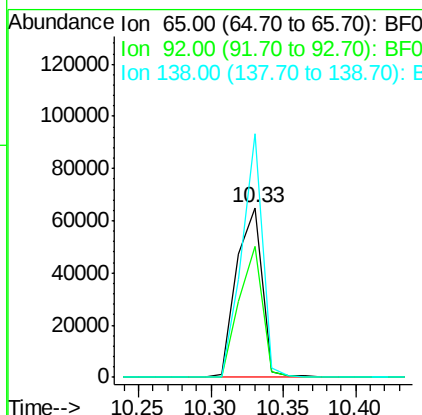
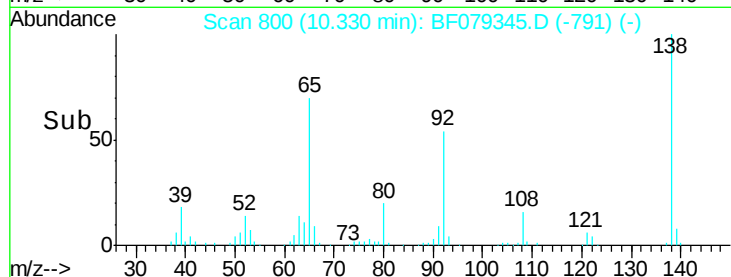
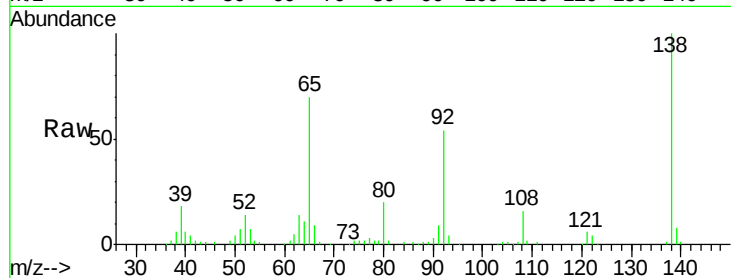




#47
 2-Nitroaniline
 Concen: 47.54 ng
 RT: 10.33 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

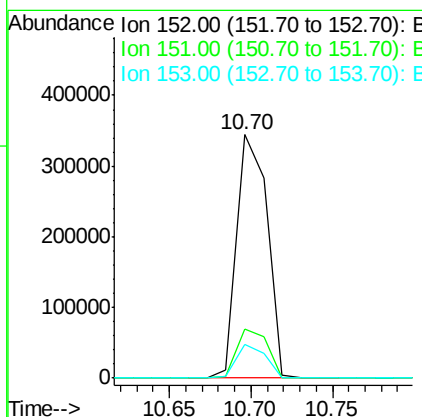
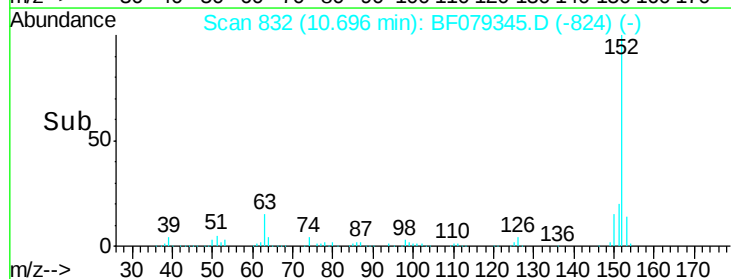
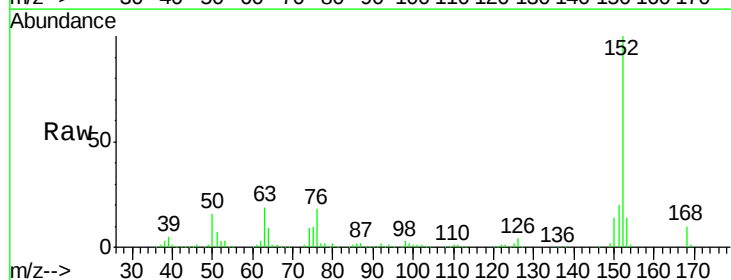
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

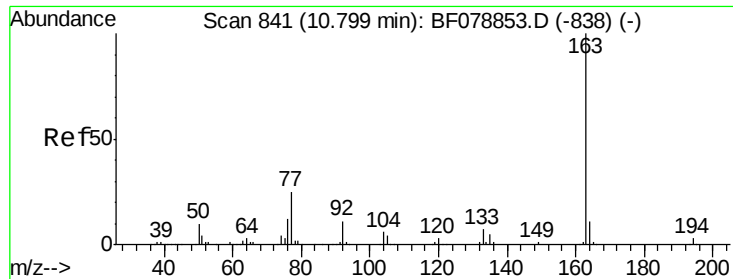
Tot Ion: 65 Resp: 80270
 Ion Ratio Lower Upper
 65 100
 92 77.4 49.1 73.7#
 138 143.7 63.2 94.8#



#48
 Acenaphthylene
 Concen: 46.15 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion: 152 Resp: 441572
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.6 24.8
 153 13.7 11.0 16.6

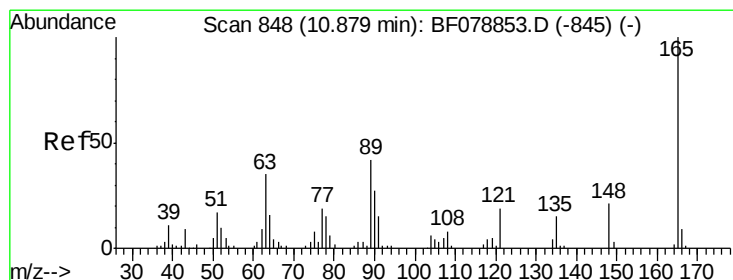
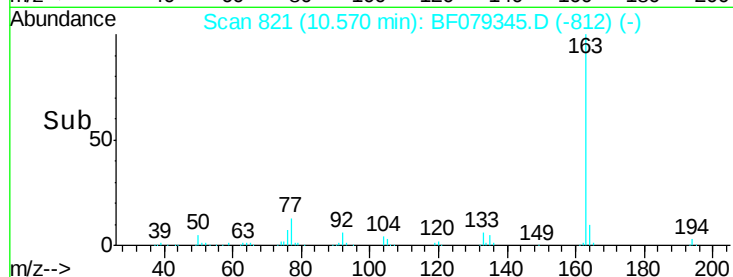
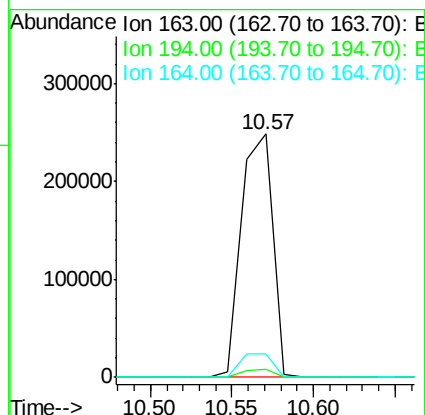
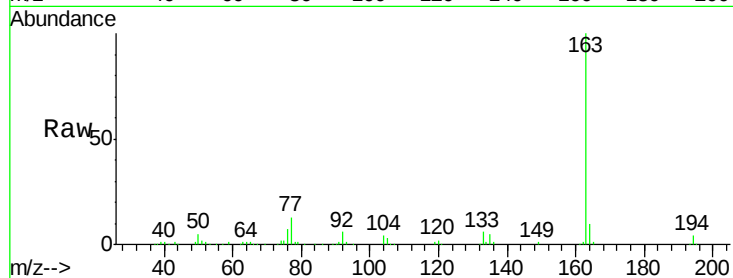




#49
Dimethylphthalate
Concen: 47.79 ng
RT: 10.57 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

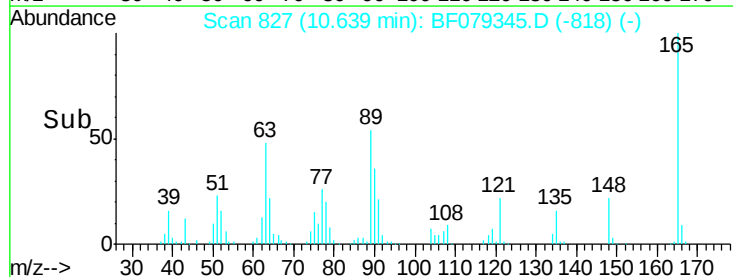
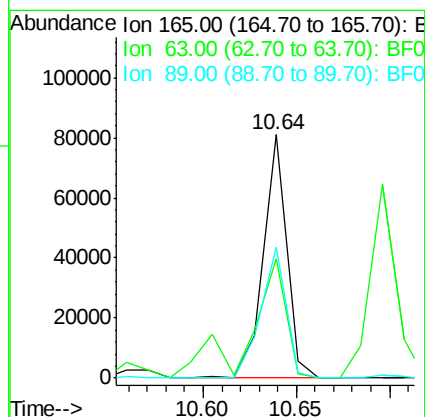
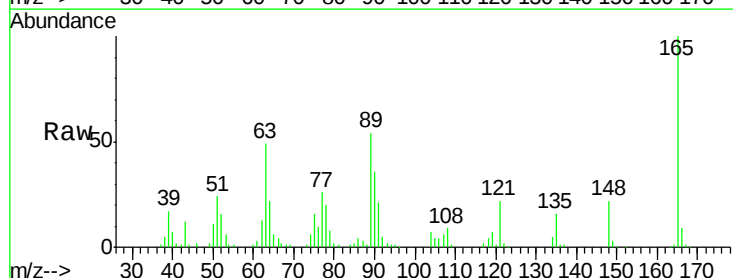
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MS

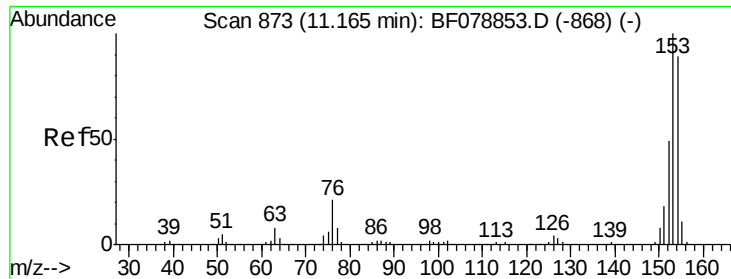
Tot Ion:163 Resp: 329655
Ion Ratio Lower Upper
163 100
194 3.6 2.4 3.6
164 9.8 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 51.02 ng
RT: 10.64 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Tgt Ion:165 Resp: 69451
Ion Ratio Lower Upper
165 100
63 49.2 29.2 43.8#
89 54.0 33.3 49.9#





#51

Acenaphthene

Concen: 43.81 ng

RT: 10.91 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

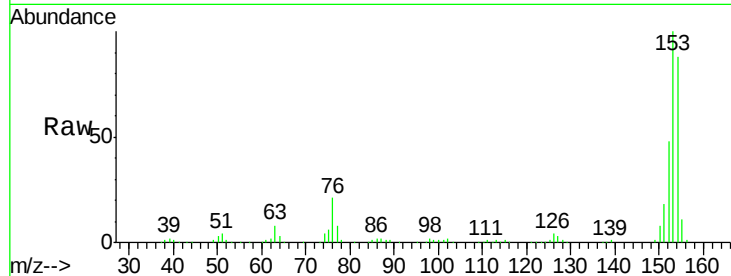
Tot Ion:154 Resp: 249971

Ion Ratio Lower Upper

154 100

153 113.8 90.2 135.2

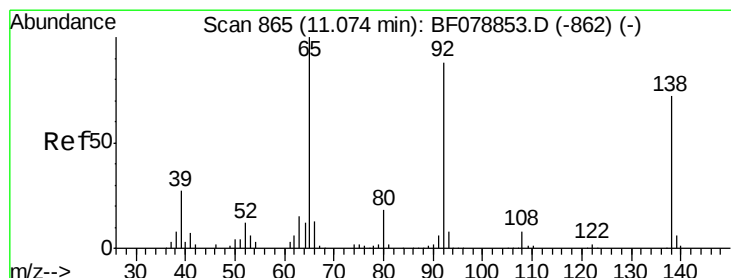
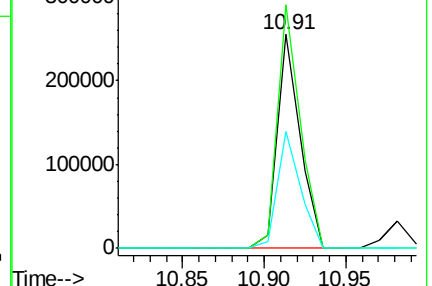
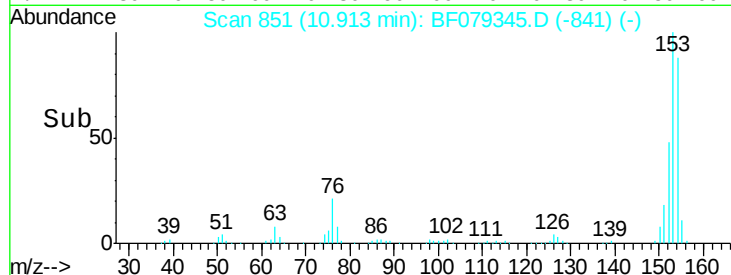
152 54.6 43.8 65.8



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: 31.48 ng

RT: 10.83 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

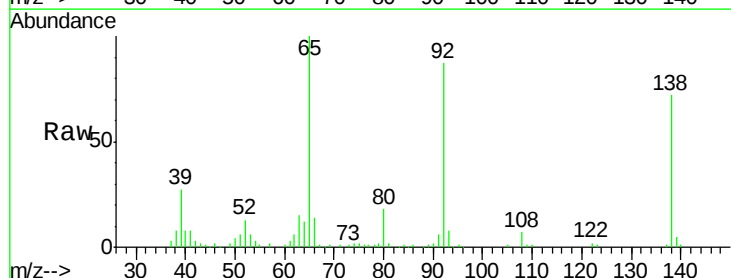
Tgt Ion:138 Resp: 53528

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

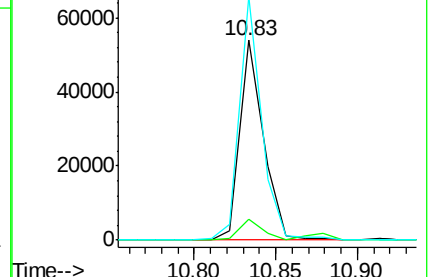
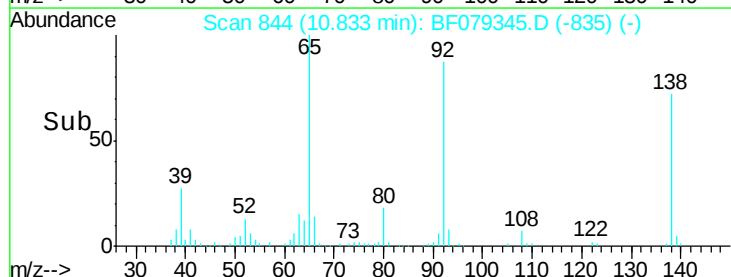
92 121.8 97.4 146.0

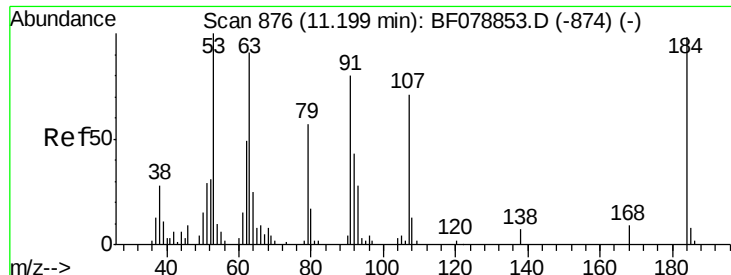


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

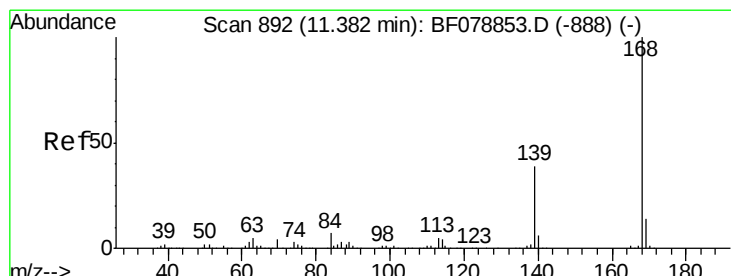
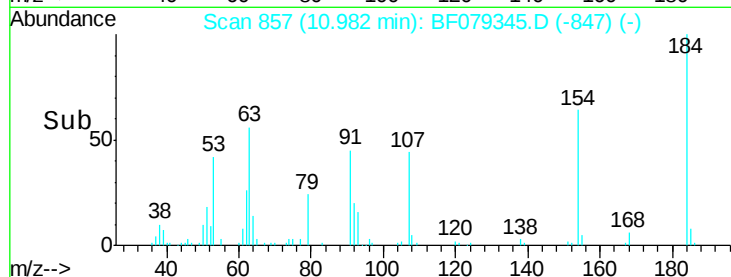
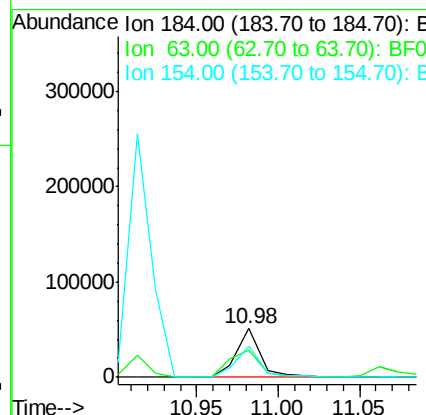
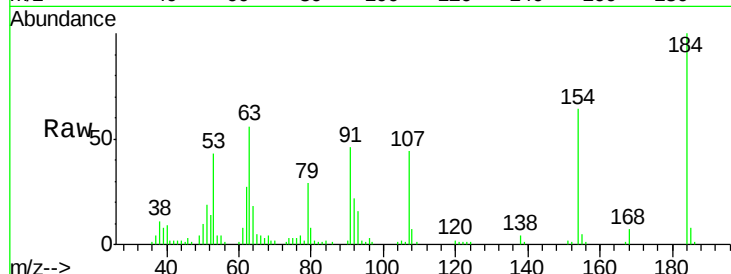




#53
2,4-Dinitrophenol
Concen: 86.52 ng
RT: 10.98 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

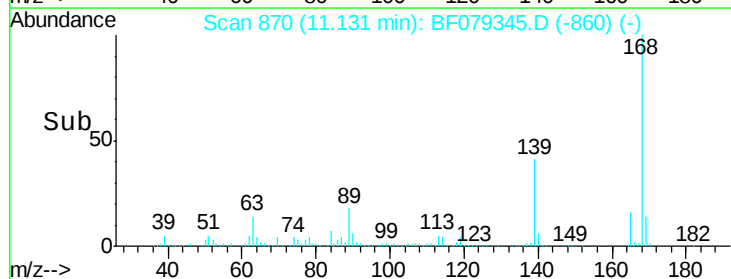
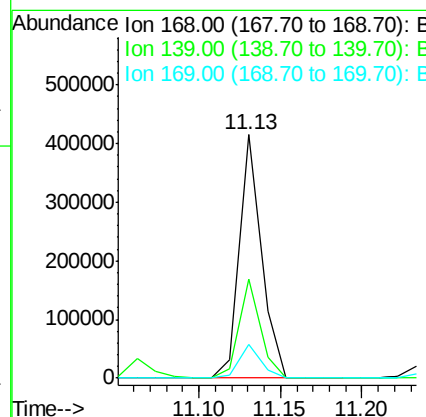
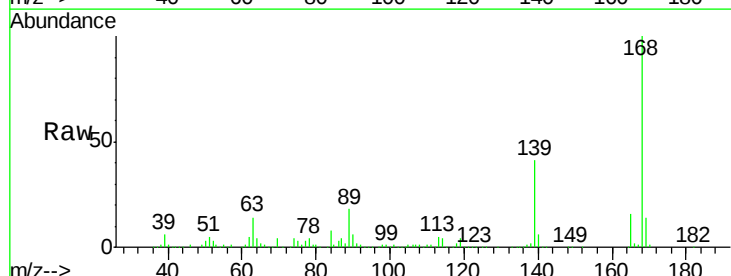
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MS

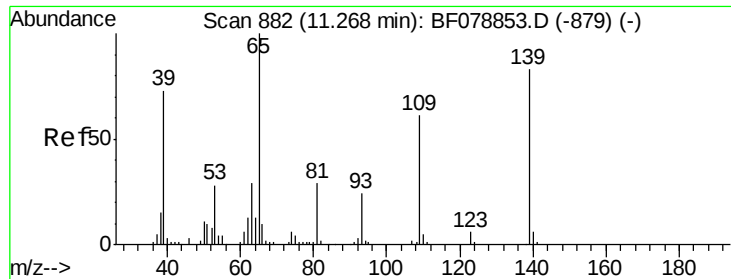
Tot Ion:184 Resp: 52897
Ion Ratio Lower Upper
184 100
63 55.5 98.8 148.2#
154 64.5 63.4 95.0



#54
Dibenzofuran
Concen: 46.84 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Tgt Ion:168 Resp: 386072
Ion Ratio Lower Upper
168 100
139 40.9 31.5 47.3
169 13.6 11.0 16.4

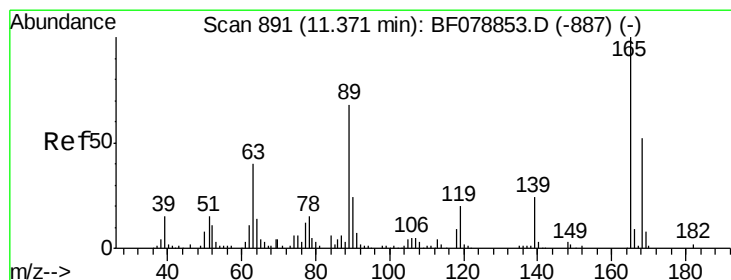
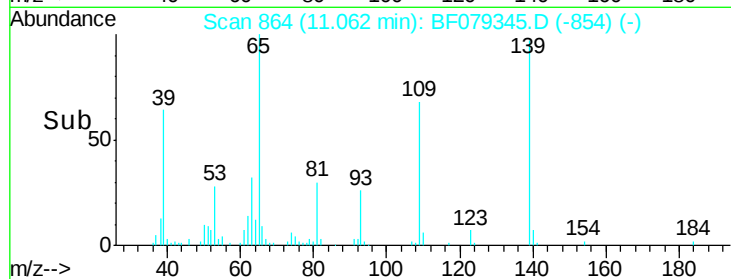
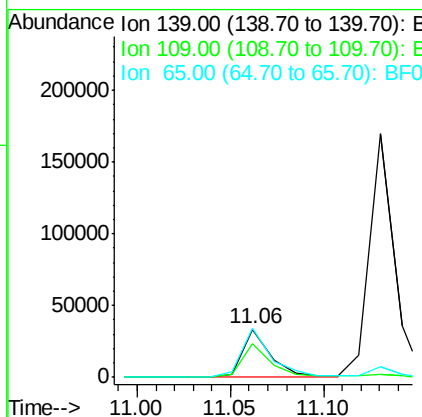
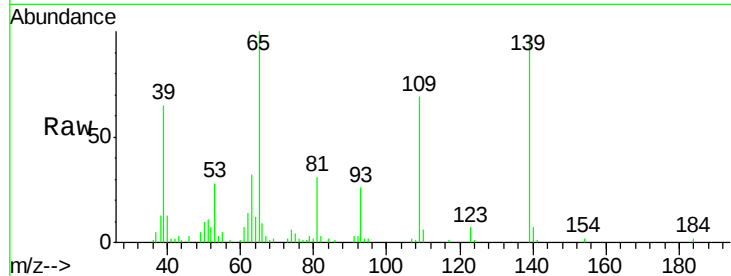




#55
4-Nitrophenol
Concen: 27.26 ng
RT: 11.06 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

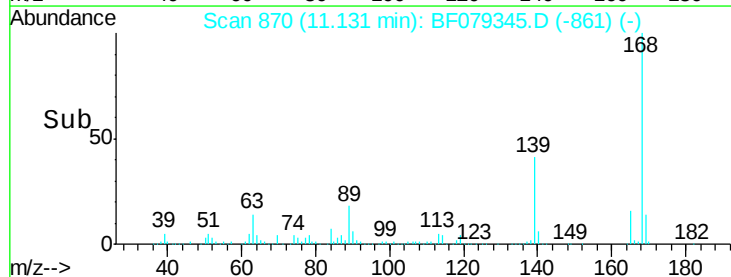
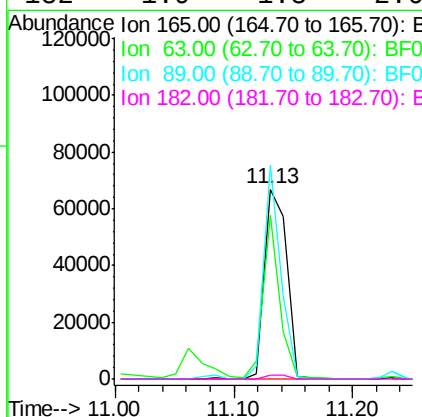
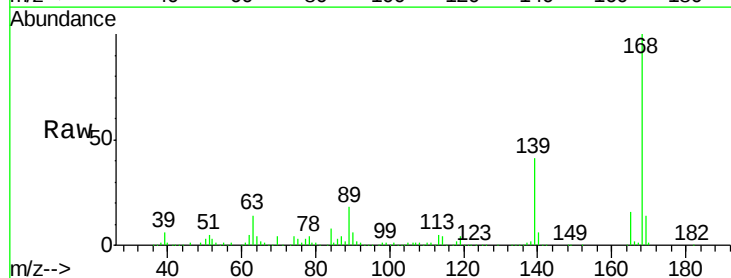
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MS

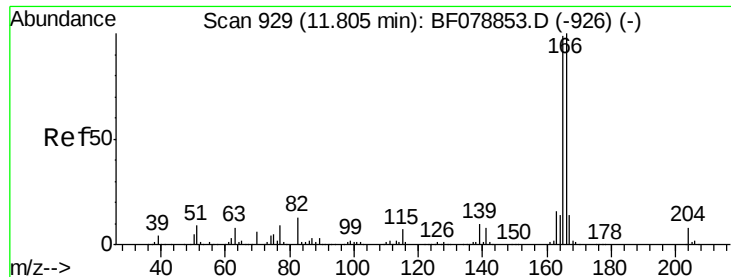
Tot Ion:139 Resp: 36682
Ion Ratio Lower Upper
139 100
109 71.1 54.4 94.4
65 102.7 101.0 141.0



#56
2,4-Dinitrotoluene
Concen: 48.72 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Tgt Ion:165 Resp: 87673
Ion Ratio Lower Upper
165 100
63 86.3 32.3 48.5#
89 112.6 54.6 81.8#
182 1.9 1.8 2.6

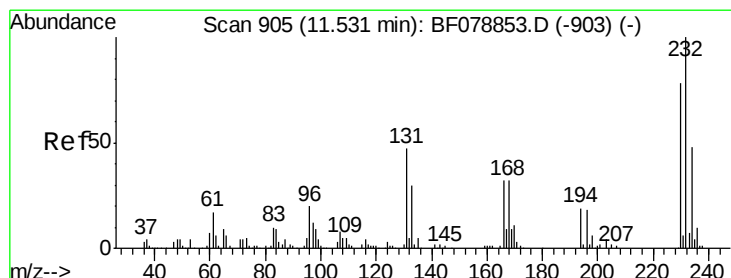
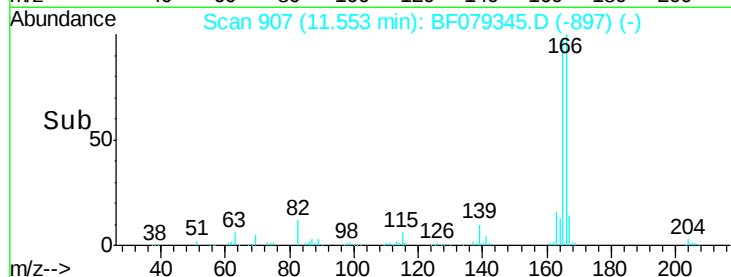
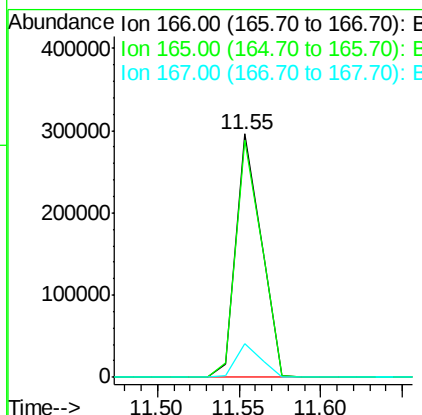
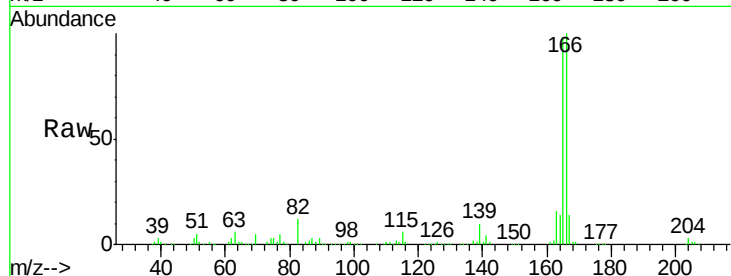




#57
 Fluorene
 Concen: 46.81 ng
 RT: 11.55 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

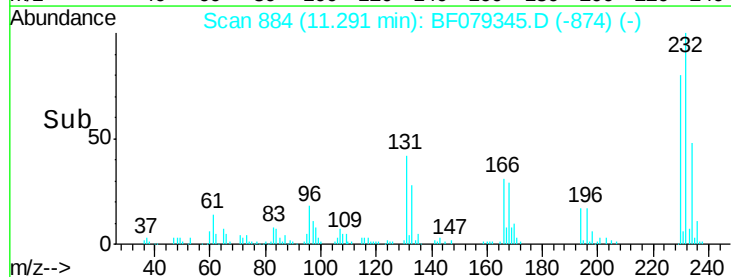
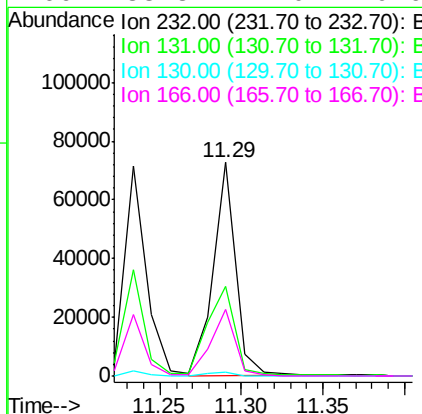
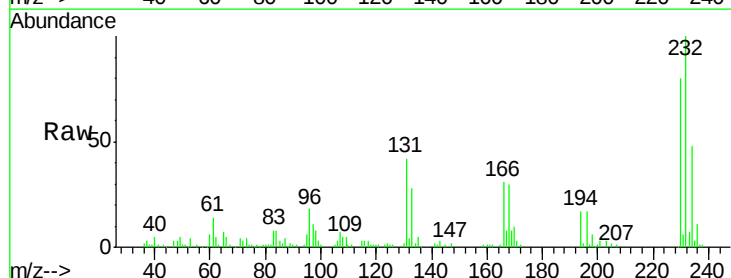
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

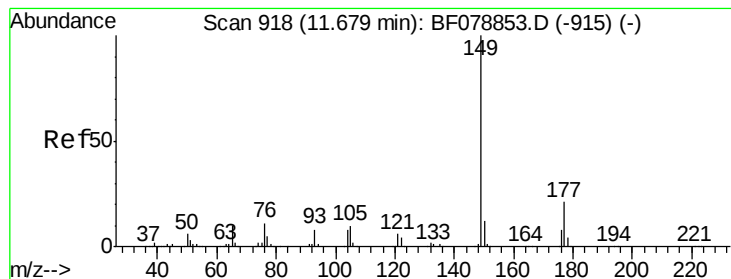
Tot Ion:166 Resp: 316659
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.5 119.3
 167 13.7 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.47 ng
 RT: 11.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion:232 Resp: 69860
 Ion Ratio Lower Upper
 232 100
 131 50.6 41.9 62.9
 130 2.3 1.9 2.9
 166 33.3 27.0 40.6





#59

Diethylphthalate

Concen: 48.40 ng

RT: 11.44 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

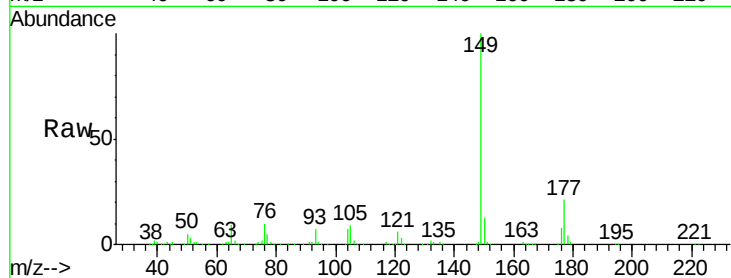
Tot Ion:149 Resp: 330743

Ion Ratio Lower Upper

149 100

177 20.8 16.4 24.6

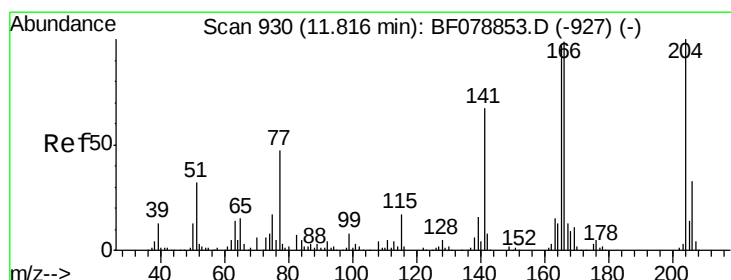
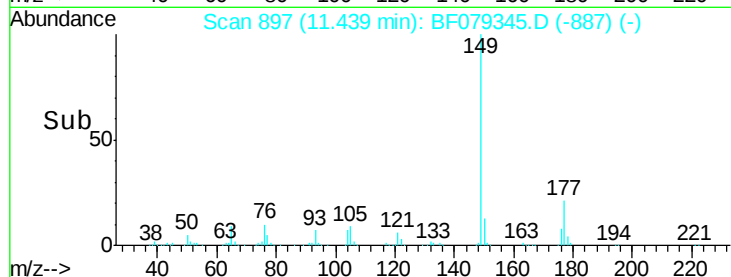
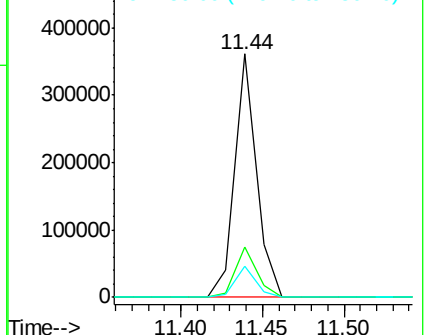
150 12.8 9.8 14.6



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: 47.55 ng

RT: 11.56 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

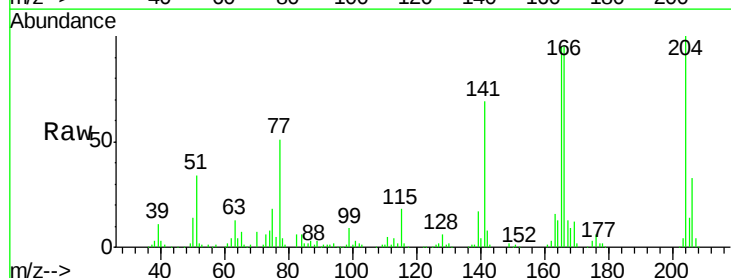
Tgt Ion:204 Resp: 142693

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.4

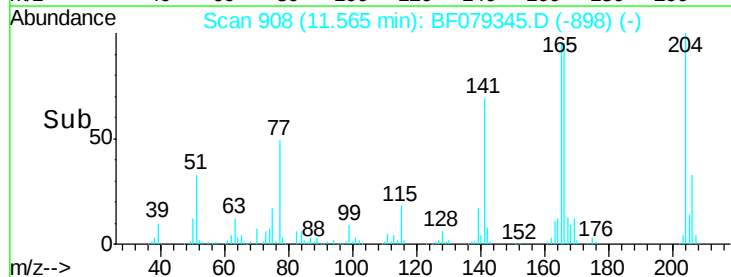
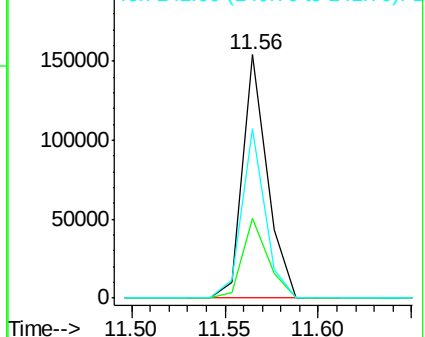
141 69.4 53.6 80.4

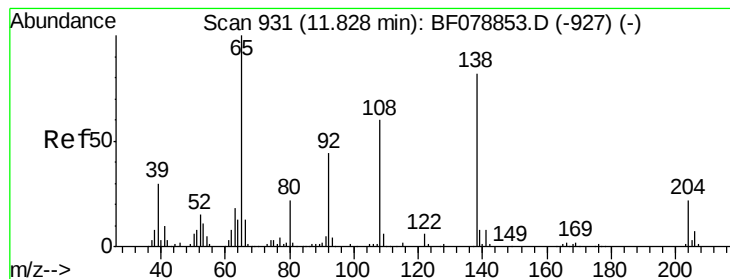


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.29 ng

RT: 11.59 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

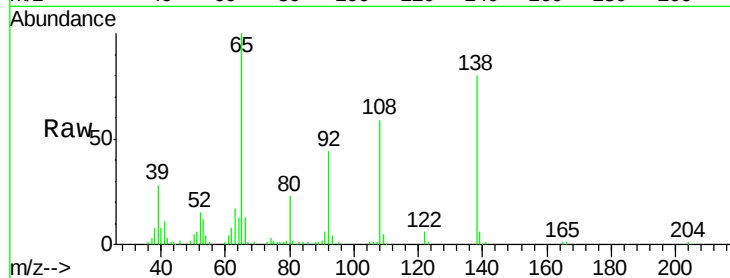
Tot Ion:138 Resp: 70235

Ion Ratio Lower Upper

138 100

92 55.1 33.7 73.7

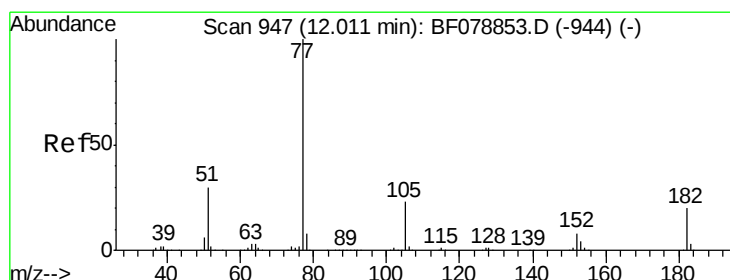
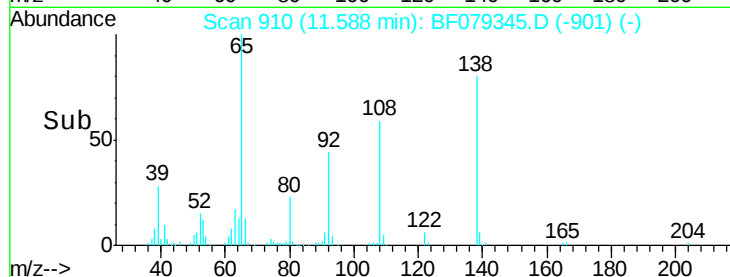
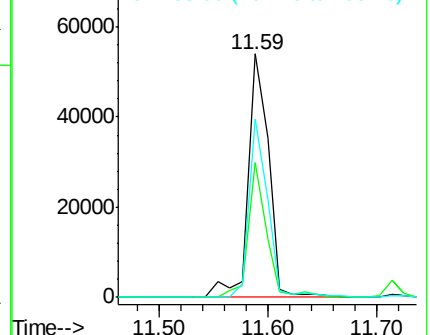
108 73.1 53.4 93.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.45 ng

RT: 11.76 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Tgt Ion: 77 Resp: 312770

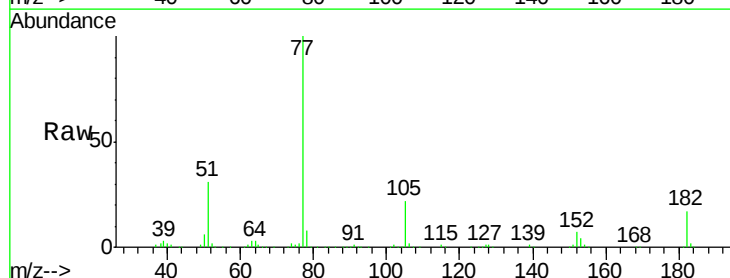
Ion Ratio Lower Upper

77 100

182 17.2 0.0 40.0

105 22.3 2.9 42.9

51 31.0 10.0 50.0

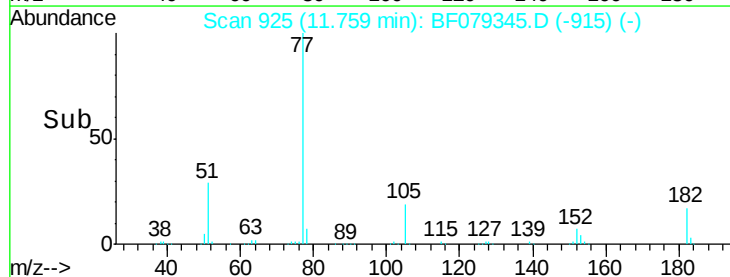
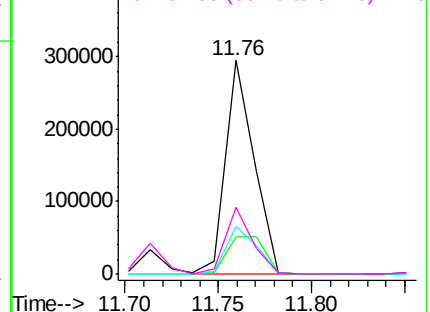


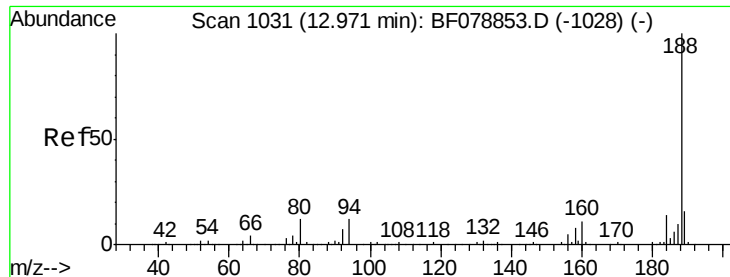
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

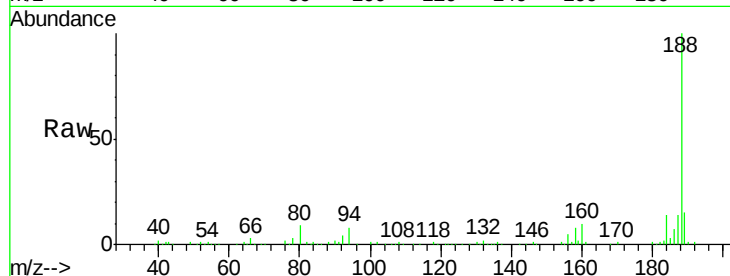




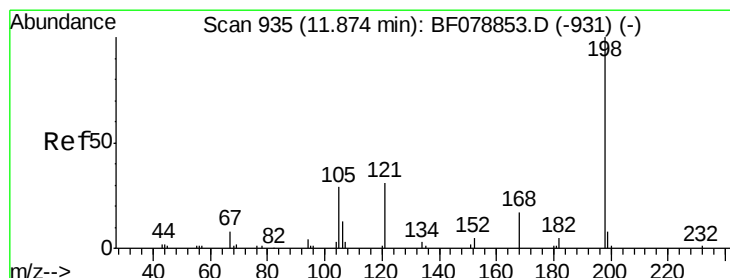
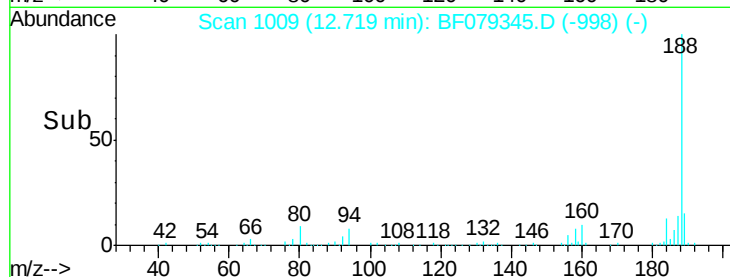
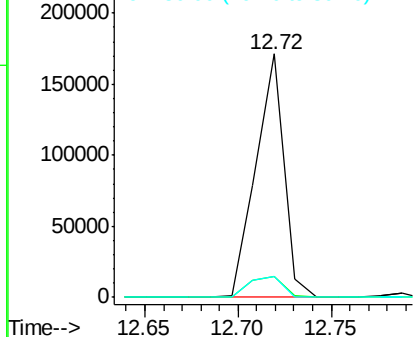
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.72 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MS

Tot Ion:188 Resp: 181266
Ion Ratio Lower Upper
188 100
94 8.4 9.4 14.0#
80 8.8 9.8 14.6#

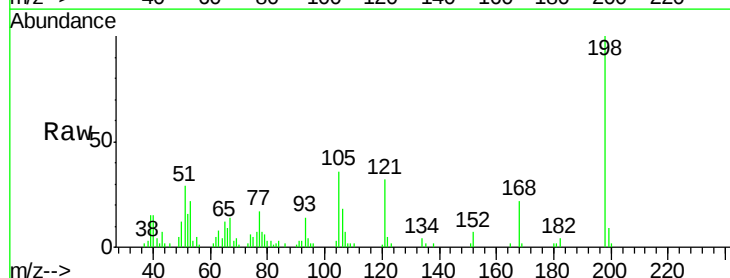


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

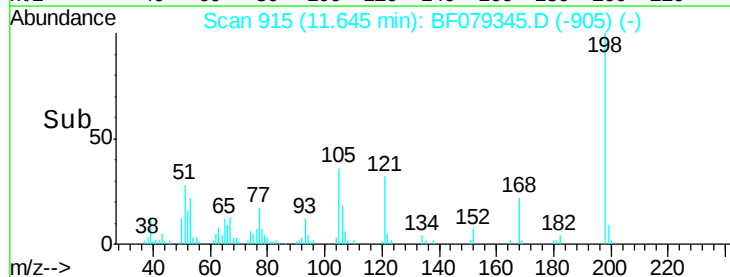
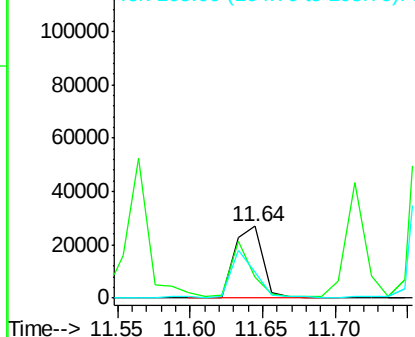


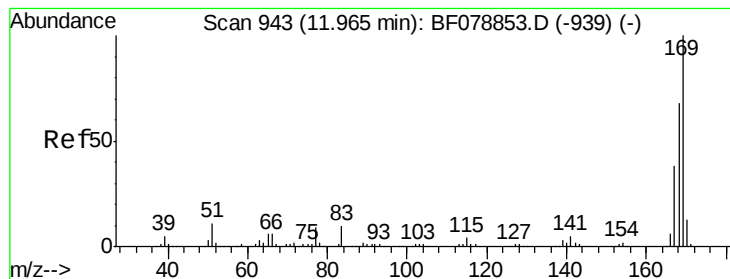
#64
4,6-Dinitro-2-methylphenol
Concen: 48.33 ng
RT: 11.64 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Tgt Ion:198 Resp: 36640
Ion Ratio Lower Upper
198 100
51 29.5 7.0 47.0
105 35.6 13.7 53.7



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

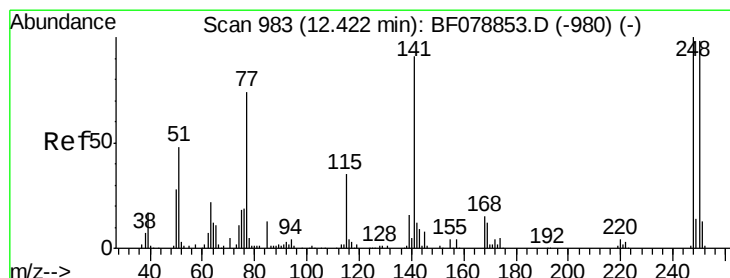
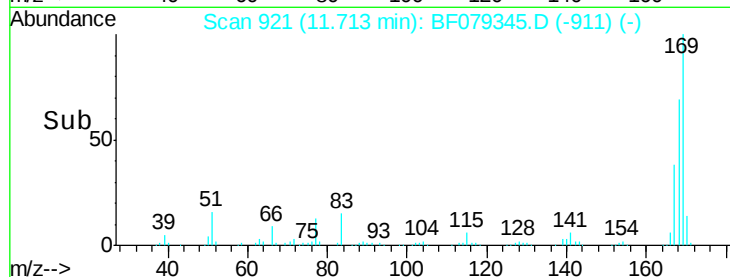
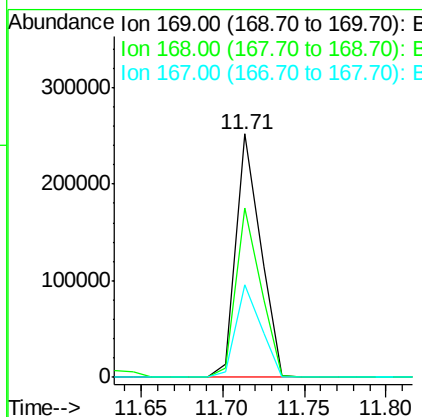
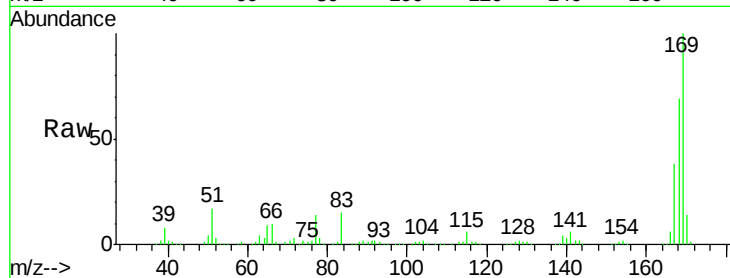




#65
 n-Nitrosodiphenylamine
 Concen: 43.51 ng
 RT: 11.71 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

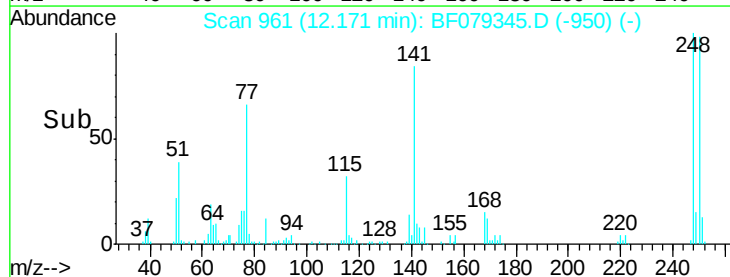
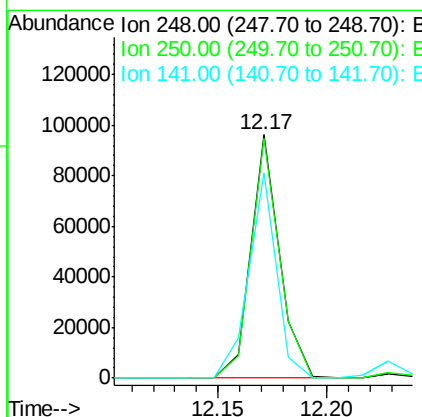
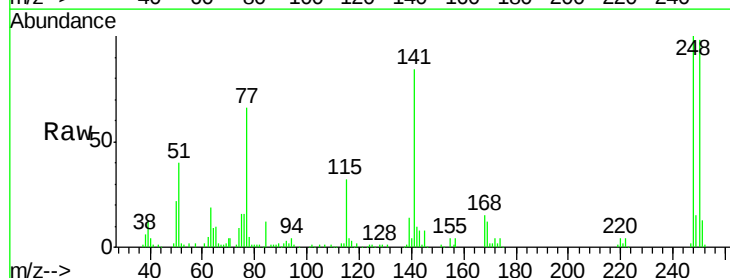
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

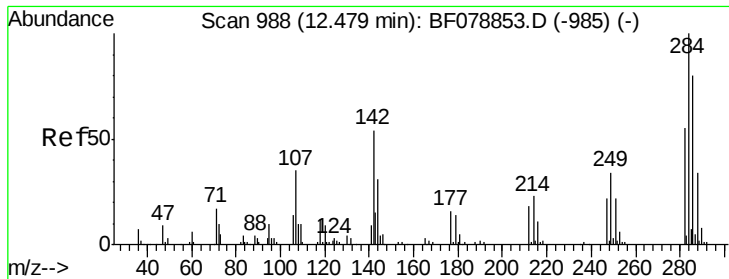
Tot Ion:169 Resp: 262670
 Ion Ratio Lower Upper
 169 100
 168 69.5 54.1 81.1
 167 38.2 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 46.52 ng
 RT: 12.17 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion:248 Resp: 87902
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.0 117.0
 141 84.1 72.6 109.0

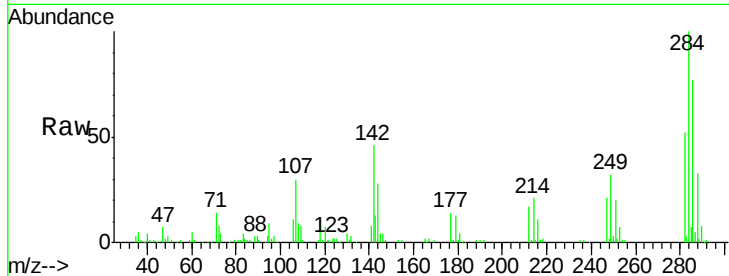




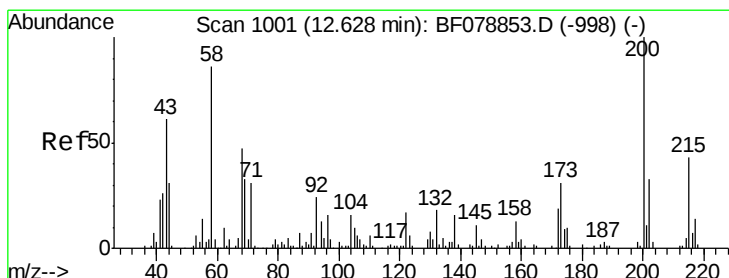
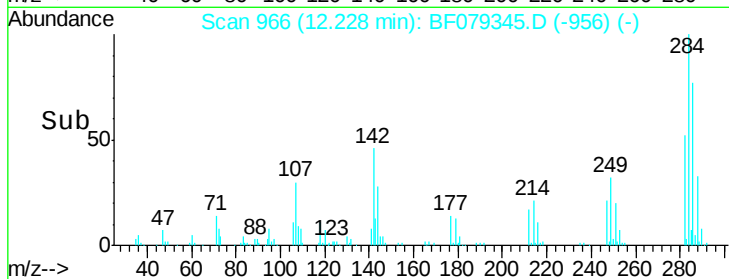
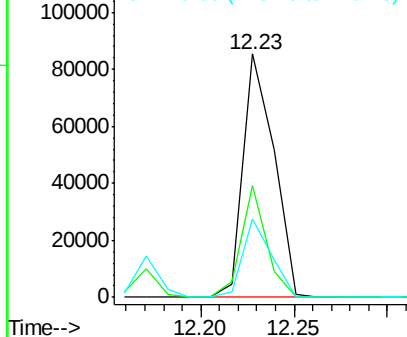
#67
Hexachlorobenzene
Concen: 45.31 ng
RT: 12.23 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MS

Tot Ion:284 Resp: 97845
Ion Ratio Lower Upper
284 100
142 45.9 43.2 64.8
249 32.2 27.5 41.3

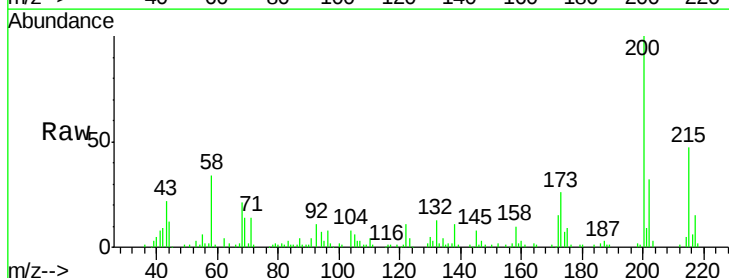


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

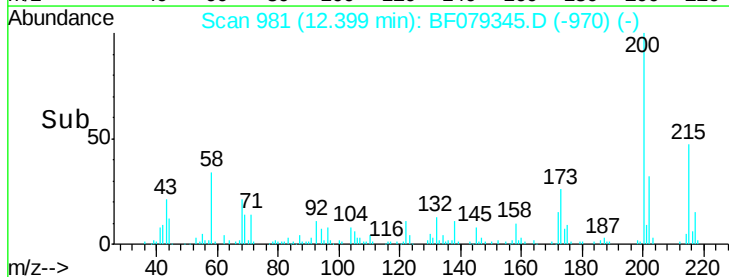
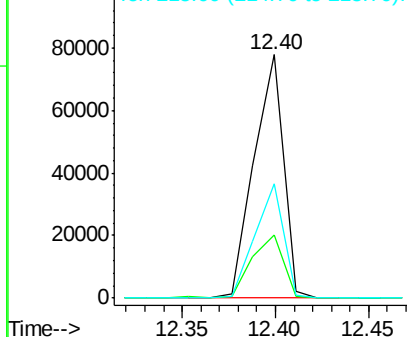


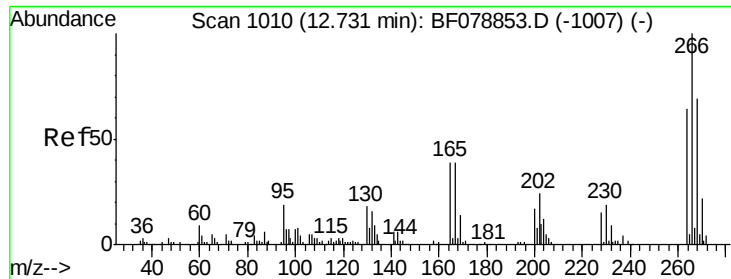
#68
Atrazine
Concen: 48.35 ng
RT: 12.40 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Tgt Ion:200 Resp: 84868
Ion Ratio Lower Upper
200 100
173 25.8 10.9 50.9
215 47.1 23.2 63.2



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

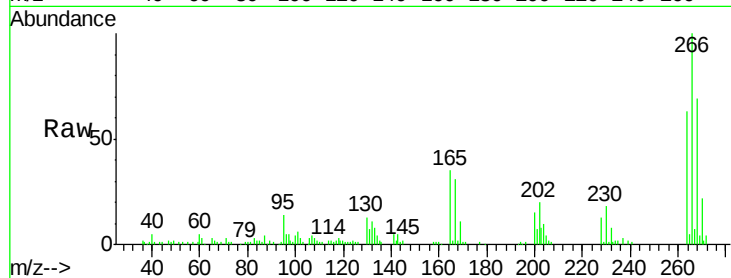




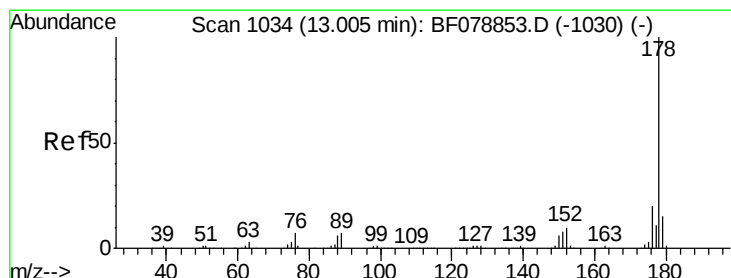
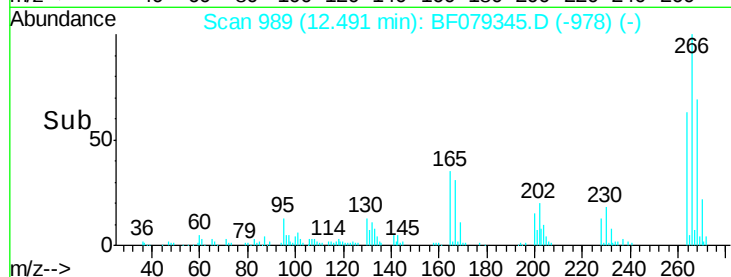
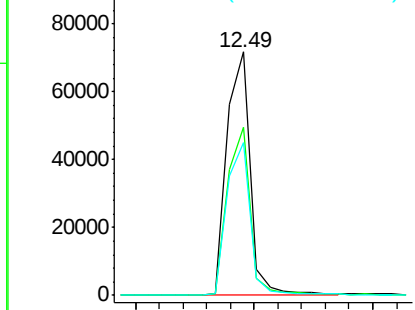
#69
 Pentachlorophenol
 Concen: 78.00 ng
 RT: 12.49 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.9	55.0	82.6
264	62.6	50.9	76.3

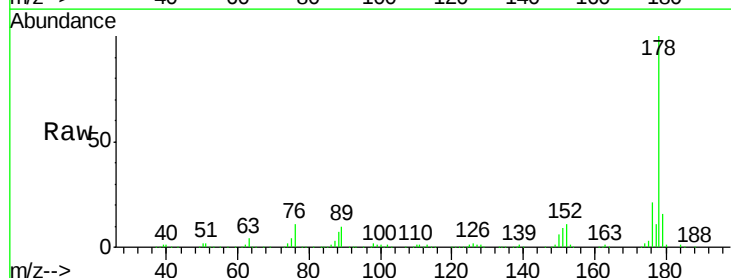


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

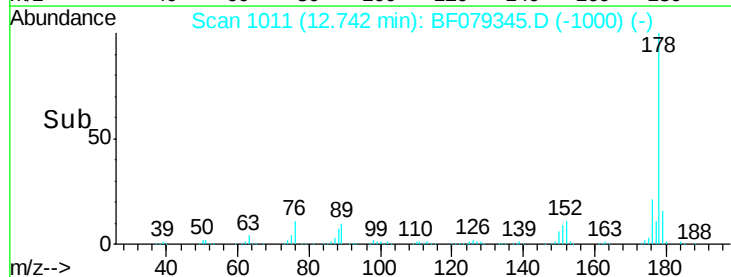
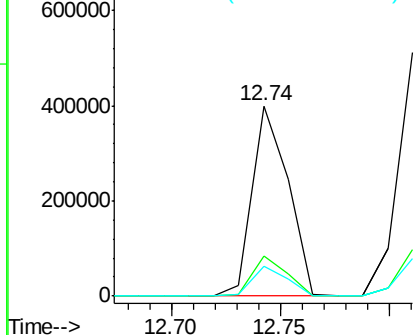


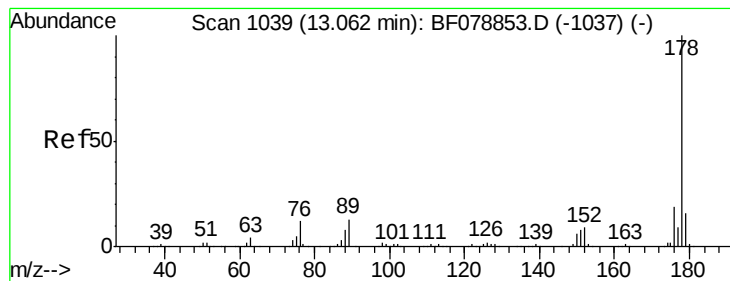
#70
 Phenanthrene
 Concen: 45.47 ng
 RT: 12.74 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.9	23.9
179	15.7	12.2	18.4



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: 47.27 ng

RT: 12.81 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

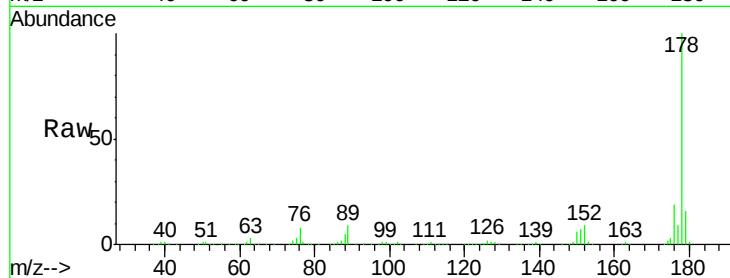
Tot Ion:178 Resp: 470245

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

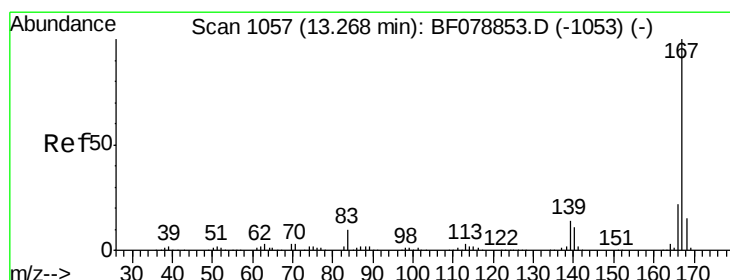
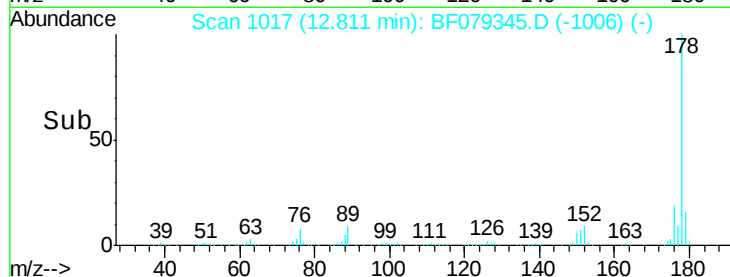
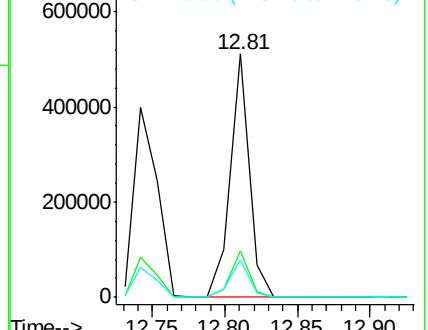
179 15.6 12.6 19.0



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: 46.87 ng

RT: 13.02 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

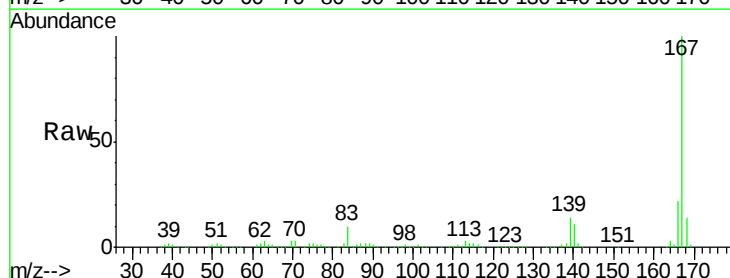
Tgt Ion:167 Resp: 444467

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

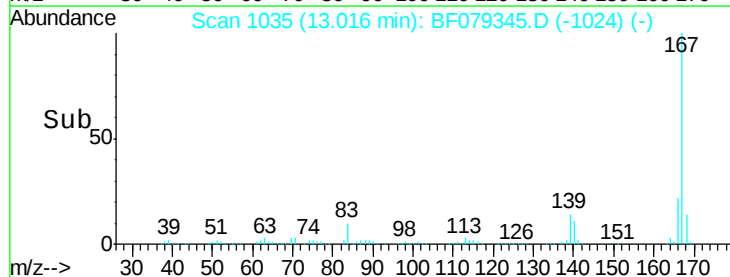
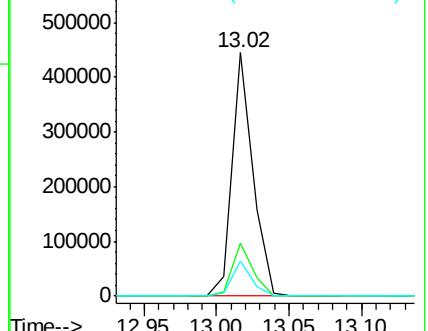
139 14.2 11.0 16.4

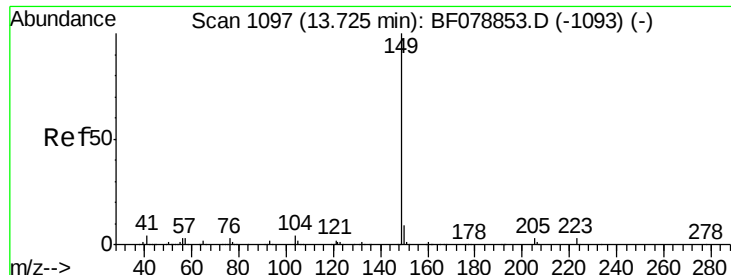


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.39 ng

RT: 13.47 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

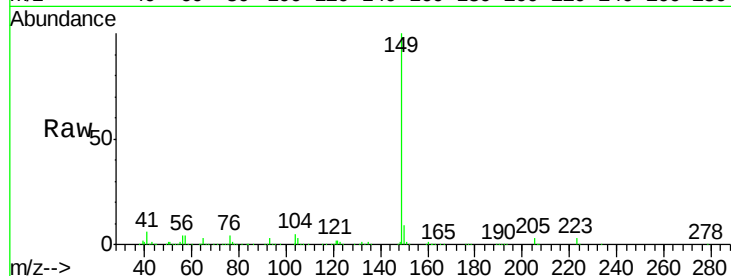
Tot Ion:149 Resp: 561663

Ion Ratio Lower Upper

149 100

150 9.4 7.0 10.4

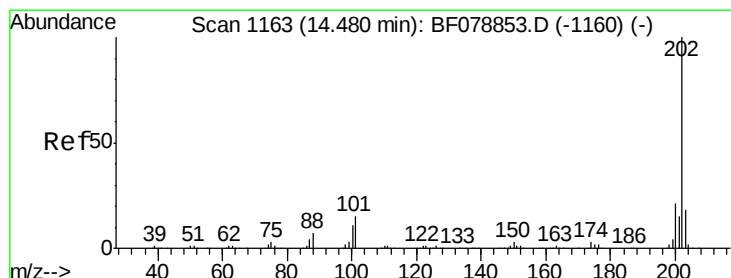
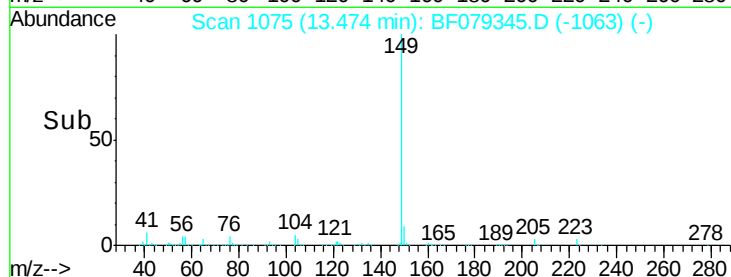
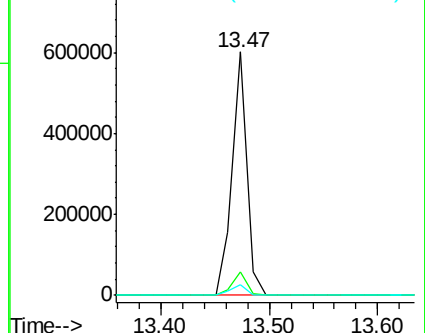
104 4.5 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.50 ng

RT: 14.22 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

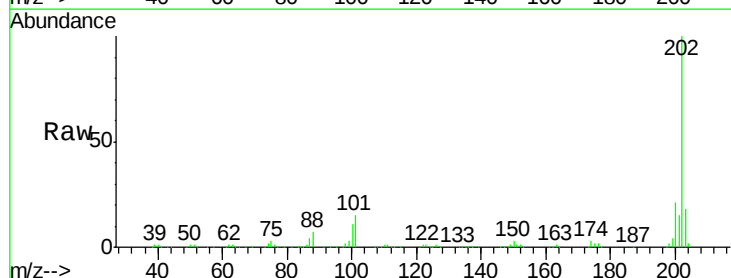
Tgt Ion:202 Resp: 491305

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.7

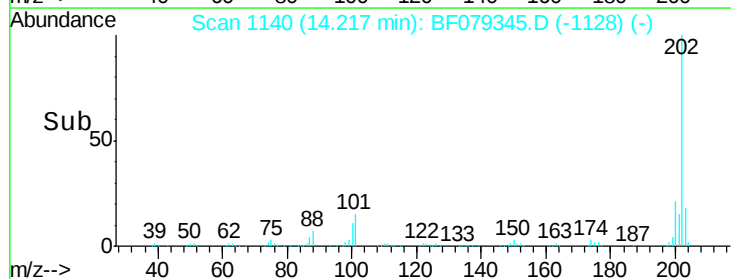
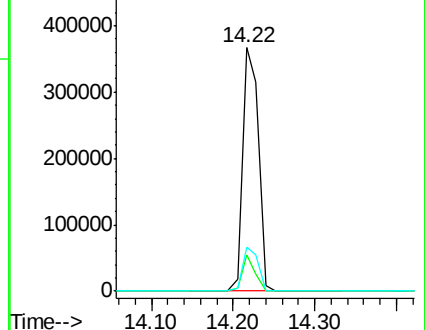
203 18.1 0.0 37.9

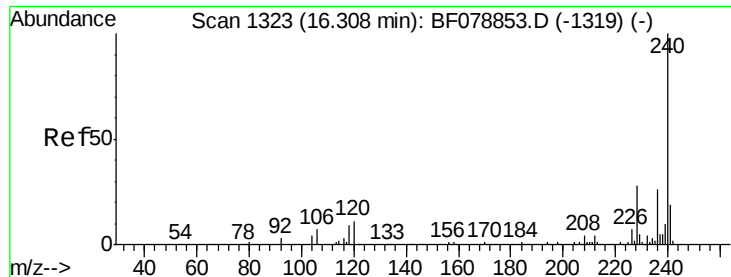


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

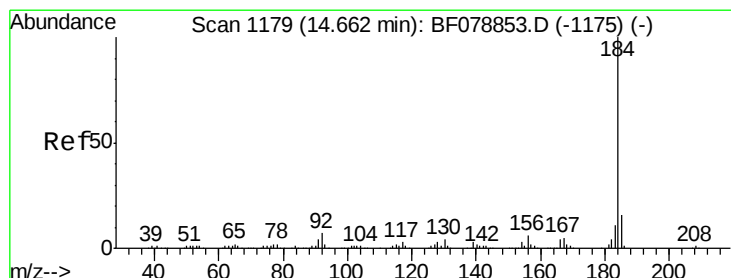
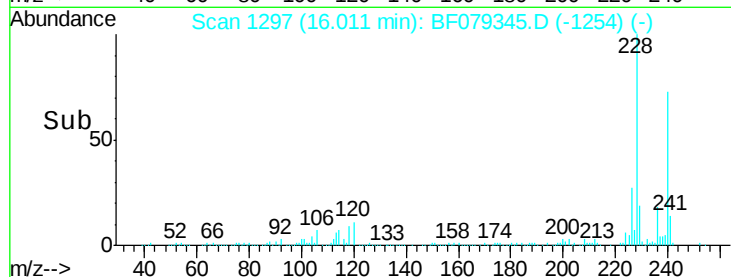
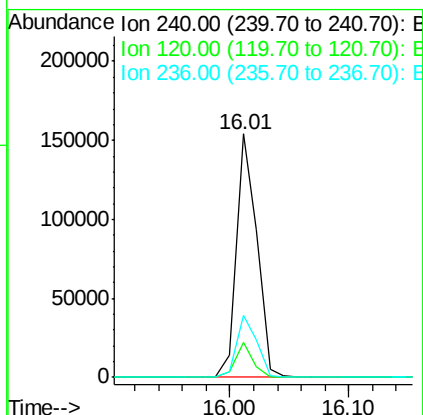
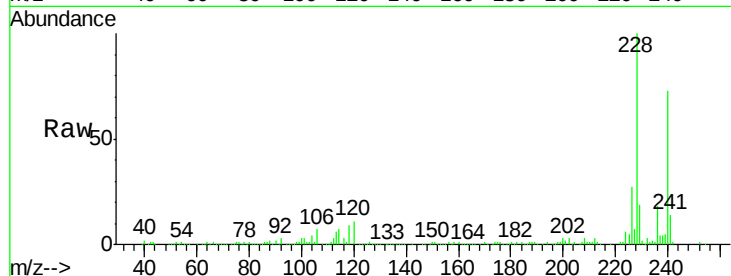




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.01 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

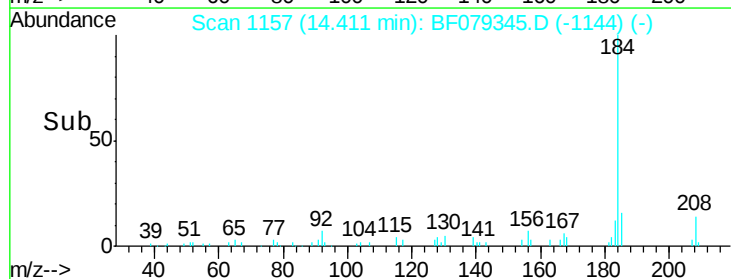
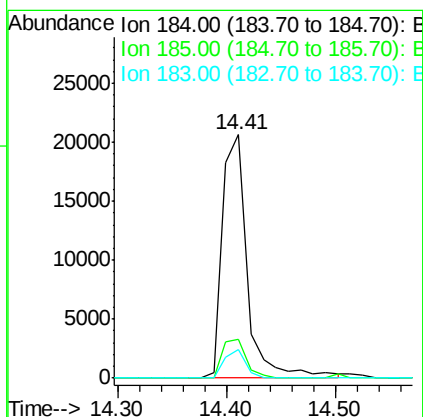
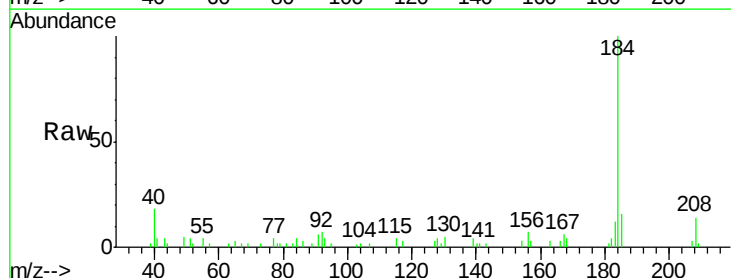
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MS

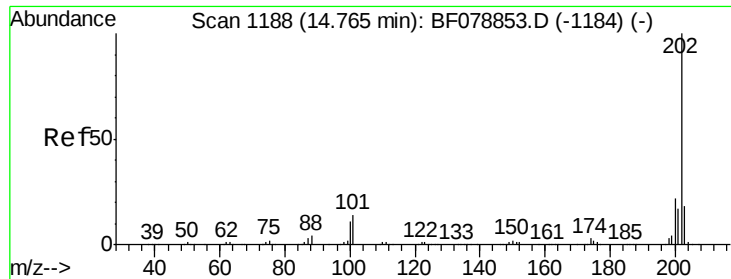
Tot Ion:240 Resp: 184522
Ion Ratio Lower Upper
240 100
120 14.5 8.6 12.8#
236 25.2 21.0 31.6



#76
Benzidine
Concen: 6.61 ng
RT: 14.41 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Tgt Ion:184 Resp: 32870
Ion Ratio Lower Upper
184 100
185 16.0 12.8 19.2
183 11.9 9.0 13.4

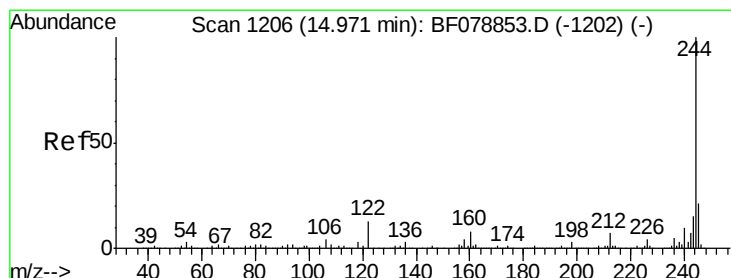
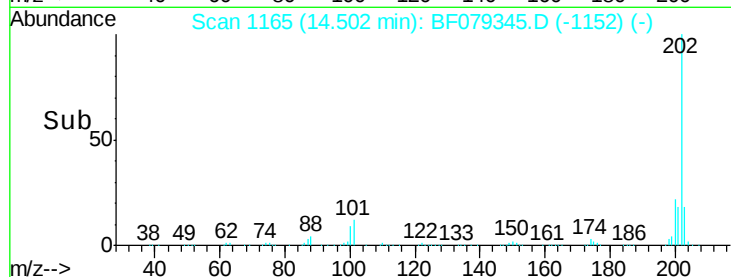
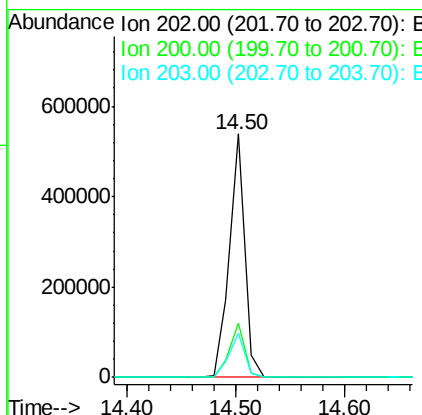
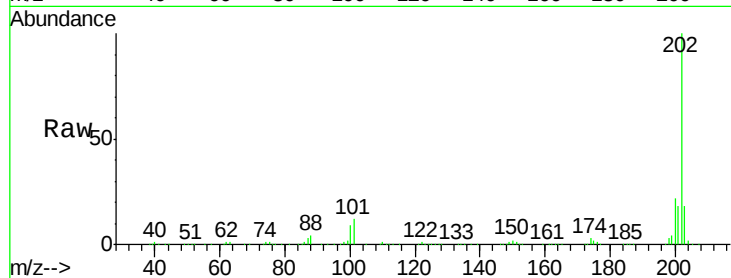




#77
 Pvrene
 Concen: 49.53 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

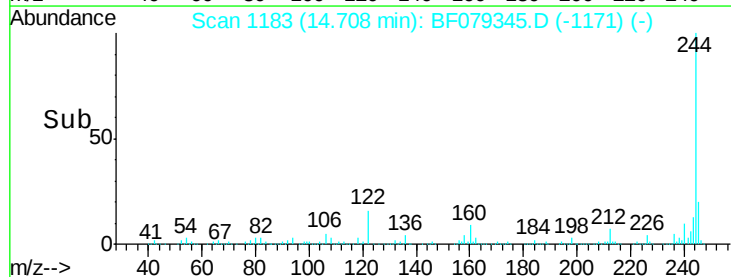
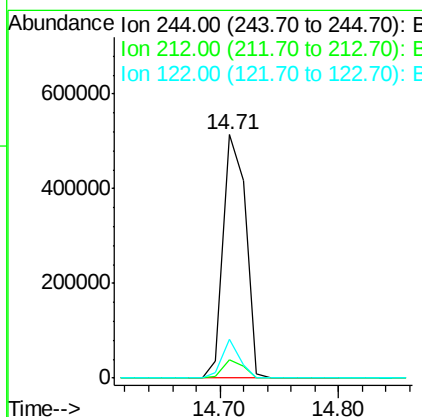
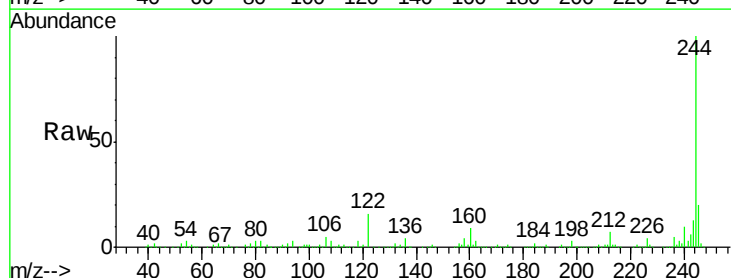
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

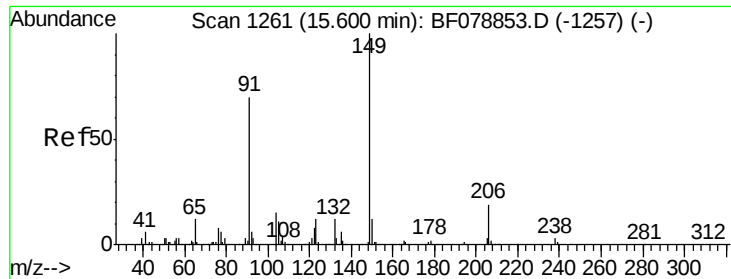
Tot Ion:202 Resp: 526639
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.5 26.3
 203 17.9 14.7 22.1



#78
 Terphenyl-d14
 Concen: 87.18 ng
 RT: 14.71 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion:244 Resp: 671878
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 16.0 10.5 15.7#

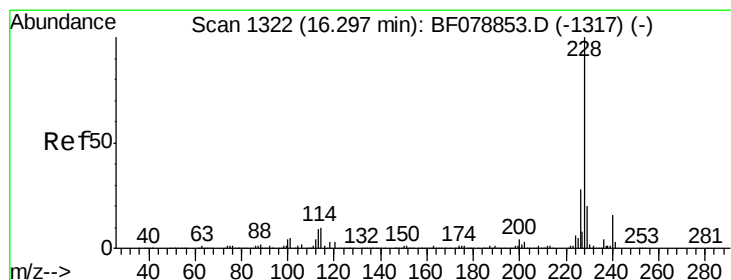
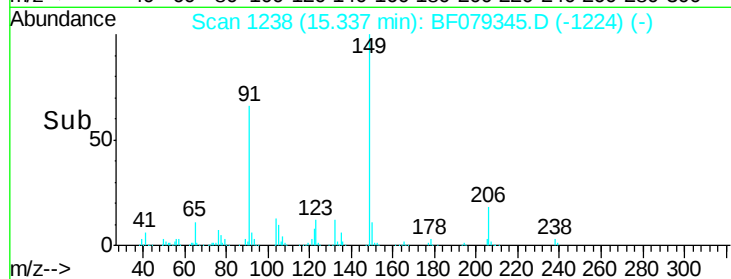
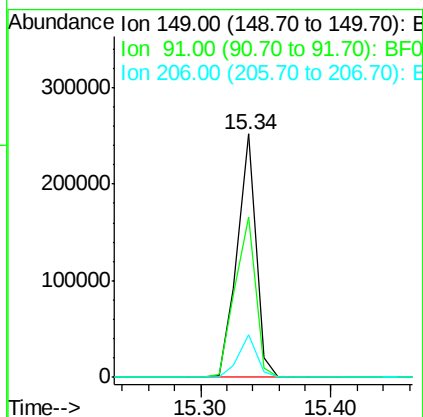
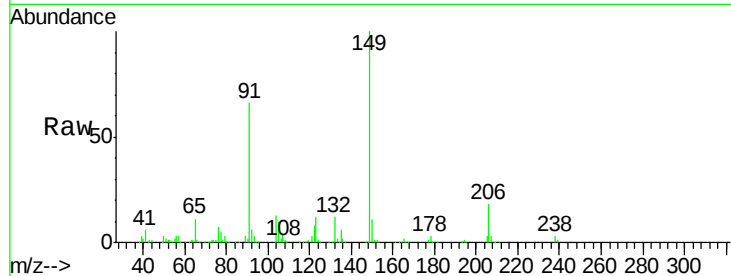




#79
Butylbenzylphthalate
Concen: 54.26 ng
RT: 15.34 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

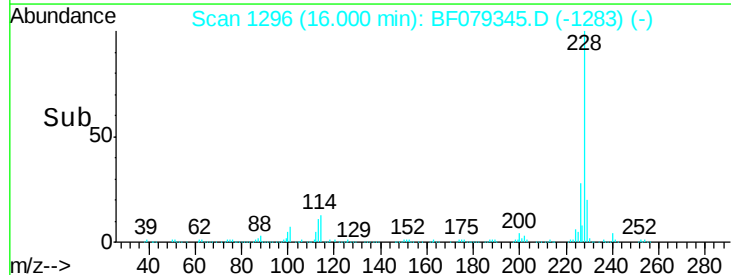
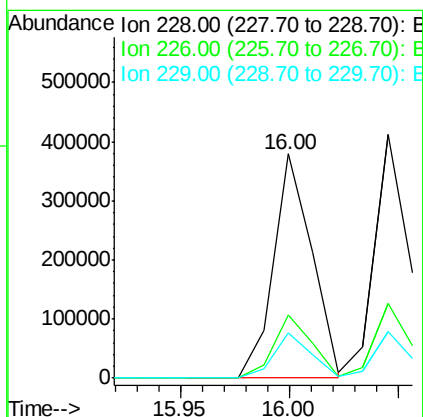
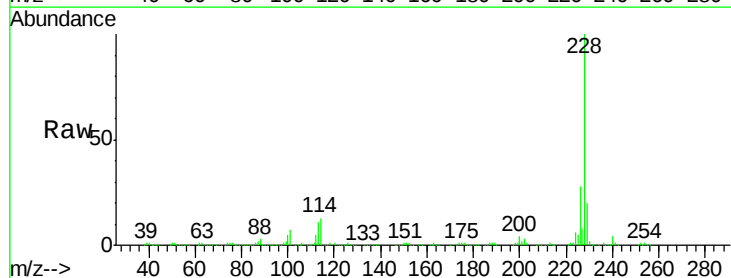
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MS

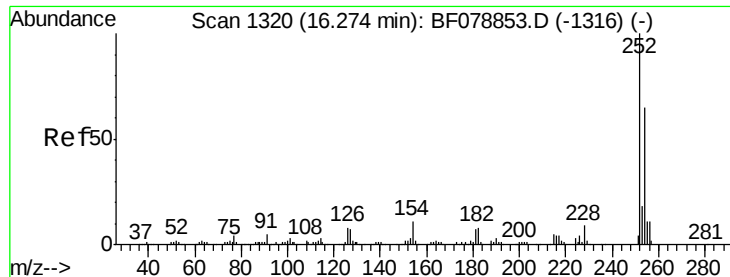
Tot Ion:149 Resp: 252183
Ion Ratio Lower Upper
149 100
91 65.9 56.2 84.2
206 17.7 15.2 22.8



#80
Benzo(a)anthracene
Concen: 46.41 ng
RT: 16.00 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Tgt Ion:228 Resp: 468972
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 20.0 16.1 24.1

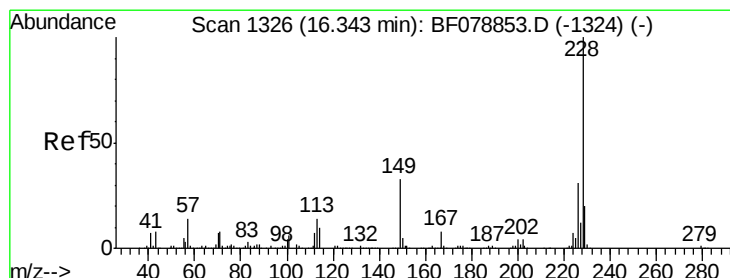
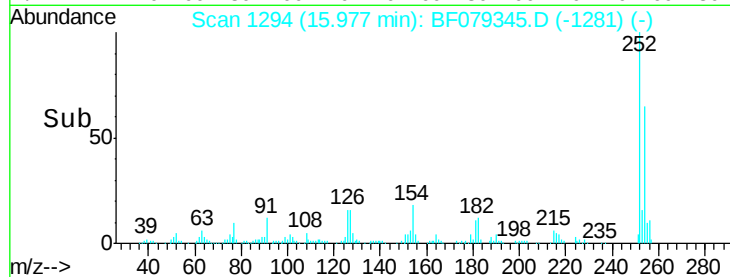
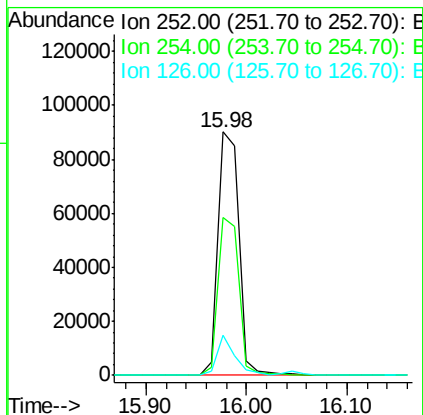
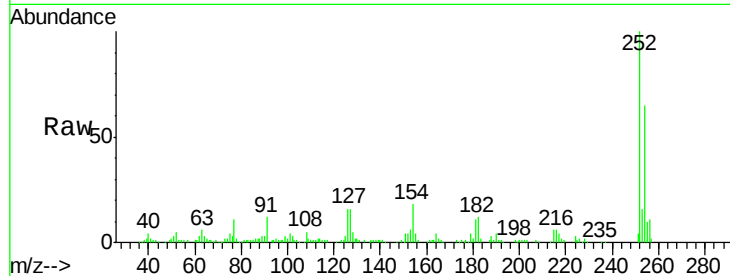




#81
 3,3'-Dichlorobenzidine
 Concen: 36.33 ng
 RT: 15.98 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

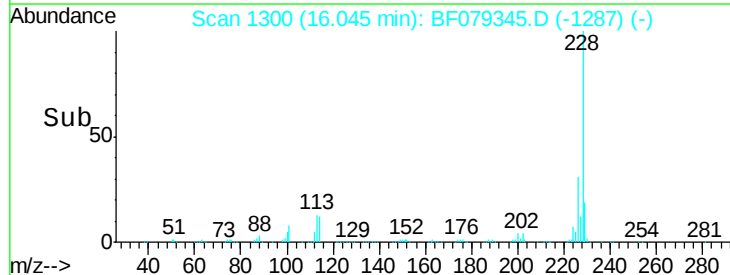
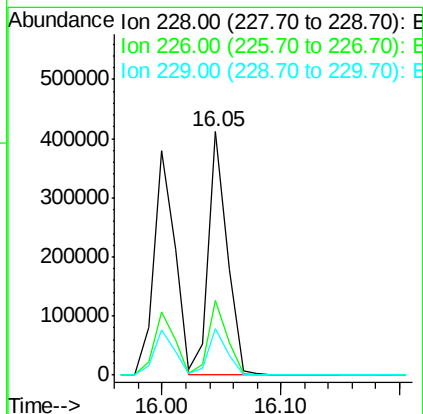
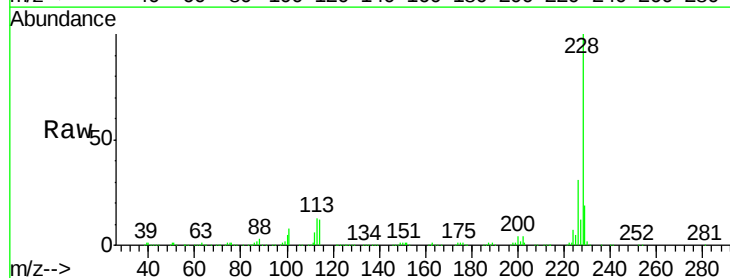
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

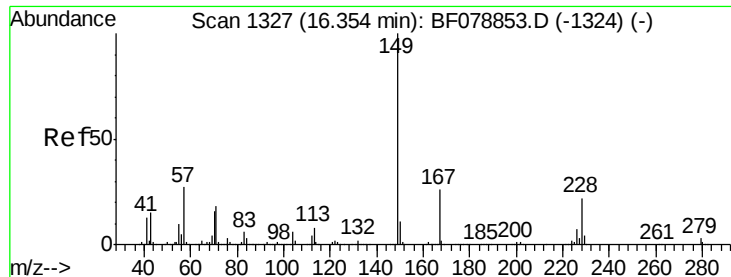
Tot Ion:252 Resp: 130779
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.2 78.2
 126 16.2 6.6 9.8#



#82
 Chrysene
 Concen: 46.27 ng
 RT: 16.05 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion:228 Resp: 449687
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.8 37.2
 229 19.2 16.1 24.1

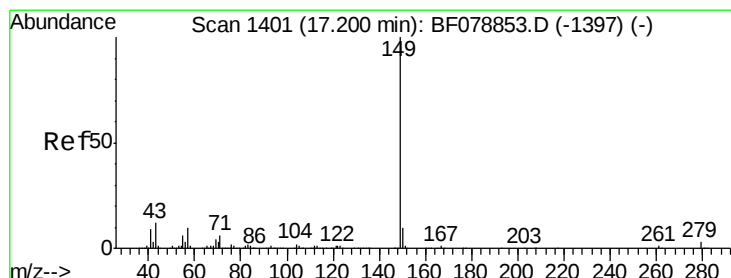
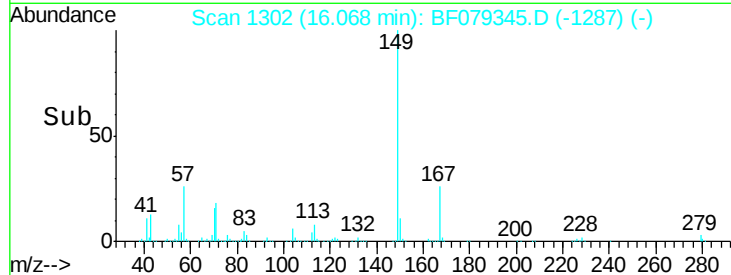
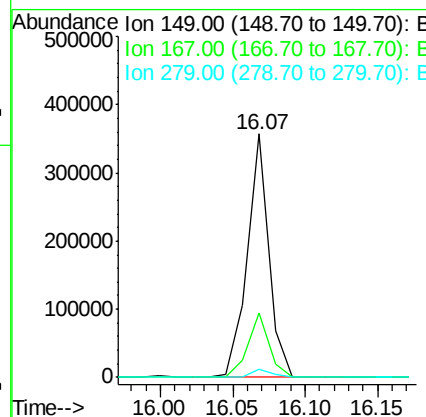
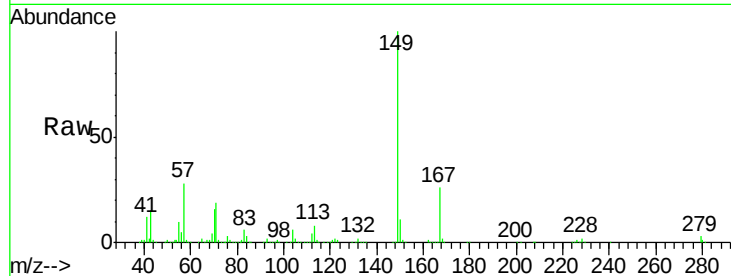




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.40 ng
 RT: 16.07 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

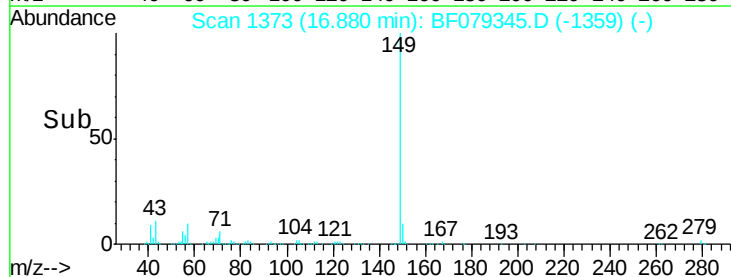
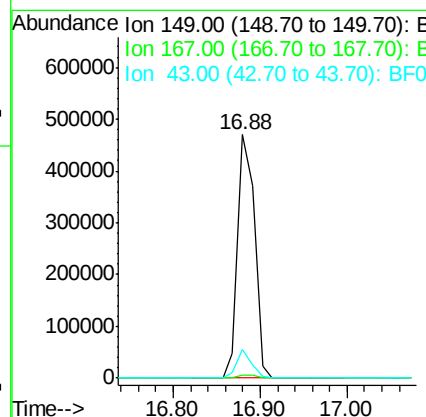
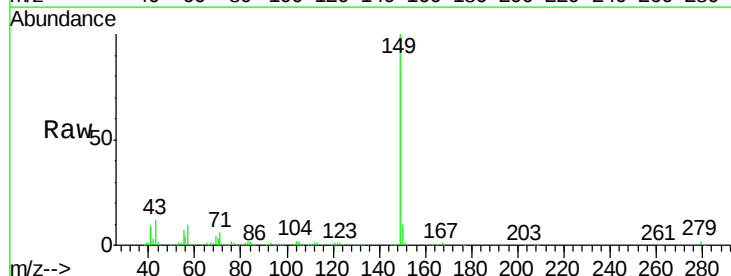
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

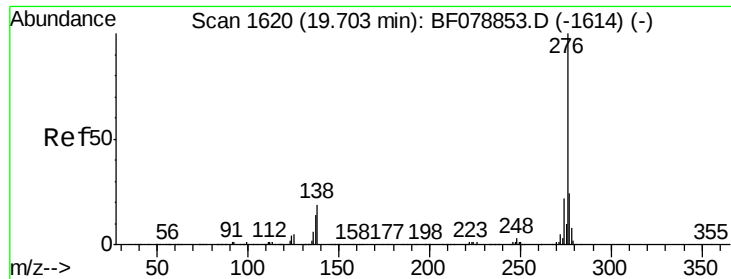
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.2	31.8
279	3.1	2.6	4.0



#84
 Di-n-octyl phthalate
 Concen: 50.87 ng
 RT: 16.88 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	9.0	13.6

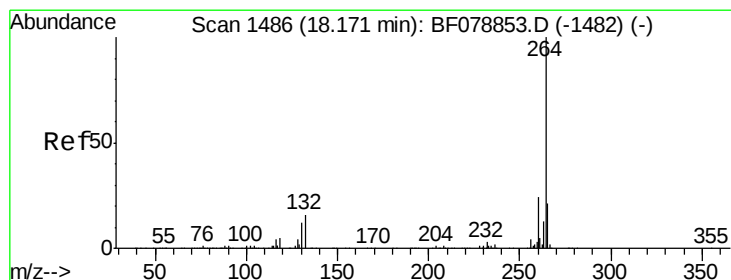
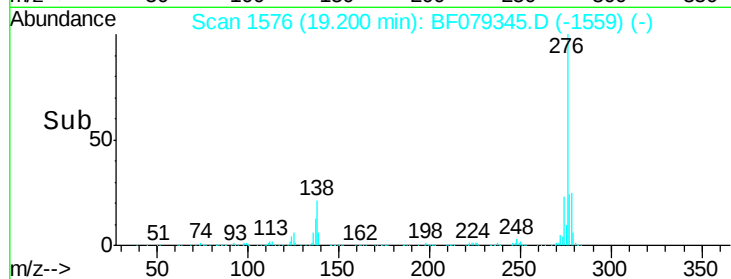
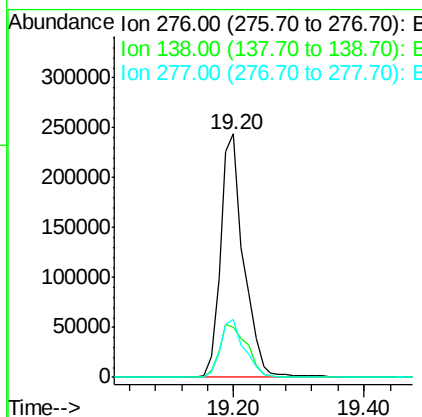
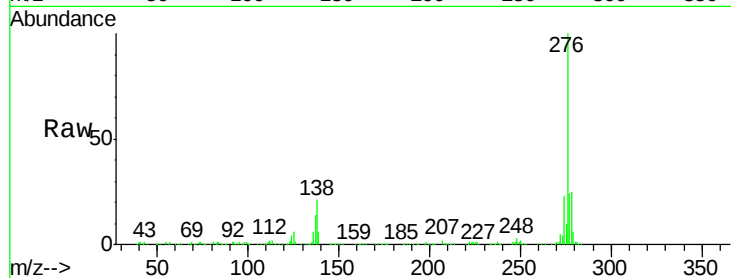




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.64 ng
 RT: 19.20 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

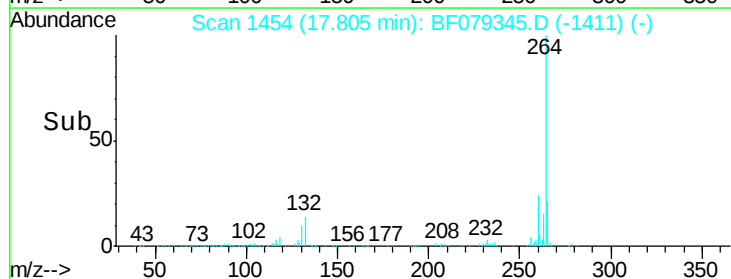
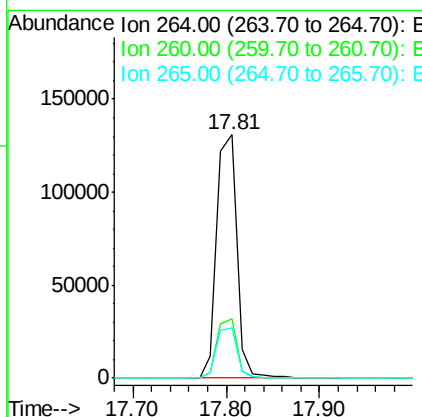
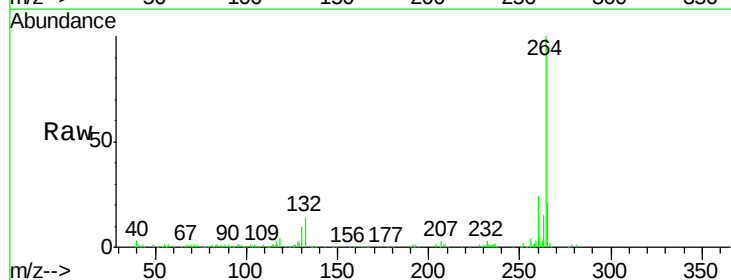
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

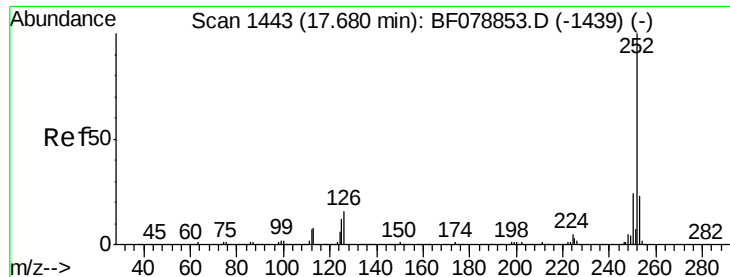
Tot Ion:276 Resp: 602326
 Ion Ratio Lower Upper
 276 100
 138 26.3 21.1 31.7
 277 24.7 19.9 29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion:264 Resp: 196864
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 20.6 17.2 25.8

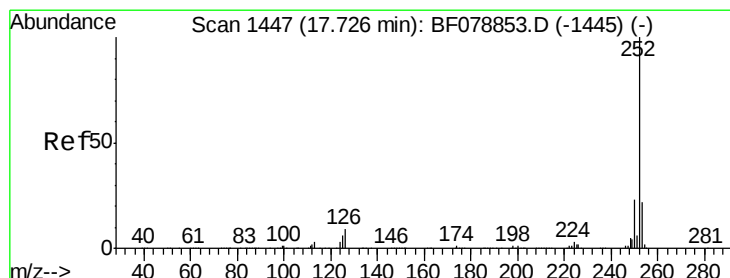
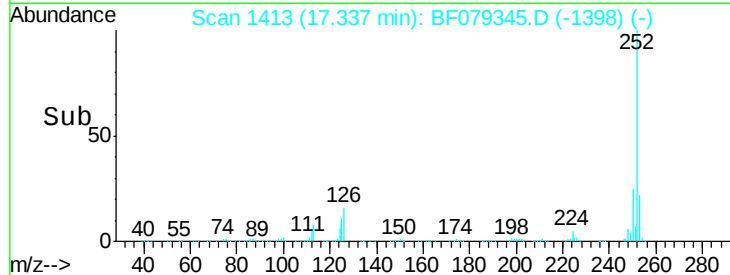
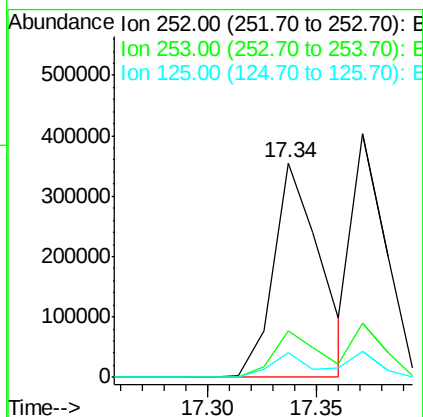
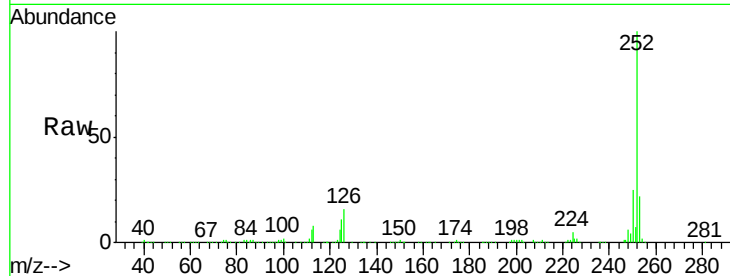




#87
Benzo(b)fluoranthene
Concen: 49.19 ng
RT: 17.34 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

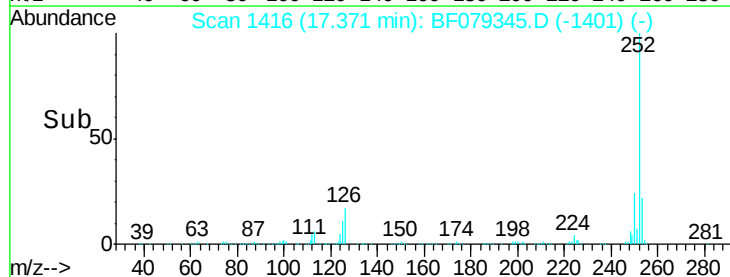
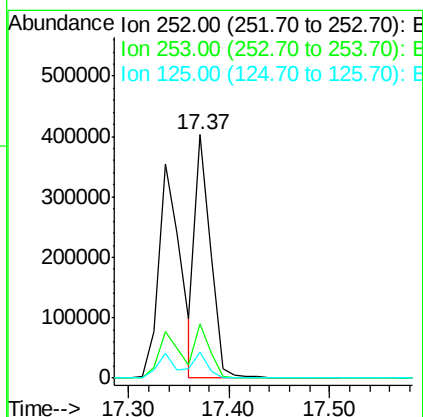
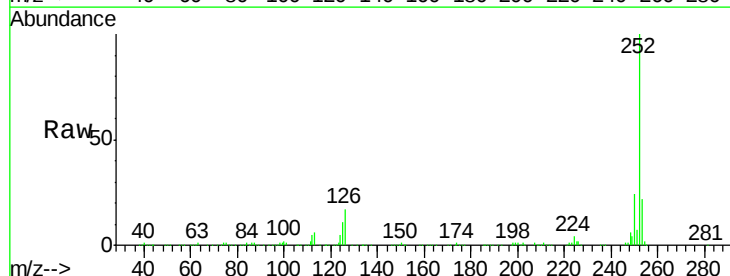
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MS

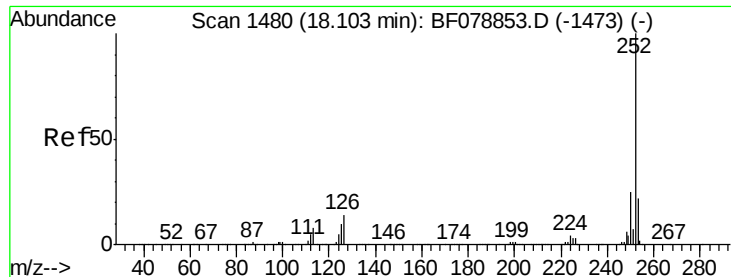
Tot Ion:252 Resp: 530058
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 11.4 9.4 14.2



#88
Benzo(k)fluoranthene
Concen: 41.53 ng
RT: 17.37 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Tgt Ion:252 Resp: 433213
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 10.9 6.1 9.1#





#89

Benzo(a)pyrene

Concen: 48.49 ng

RT: 17.74 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

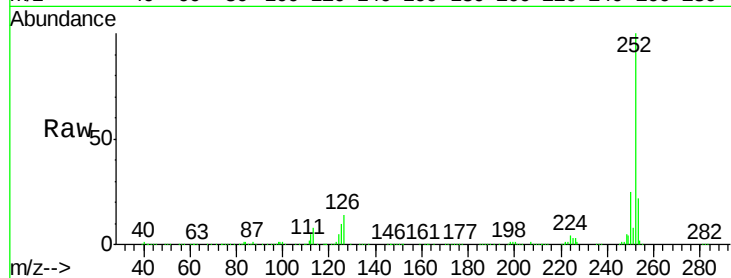
Tot Ion:252 Resp: 481089

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

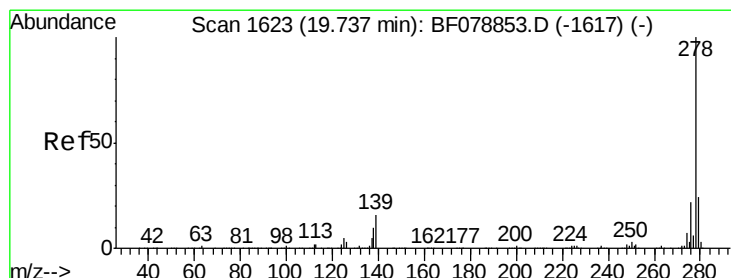
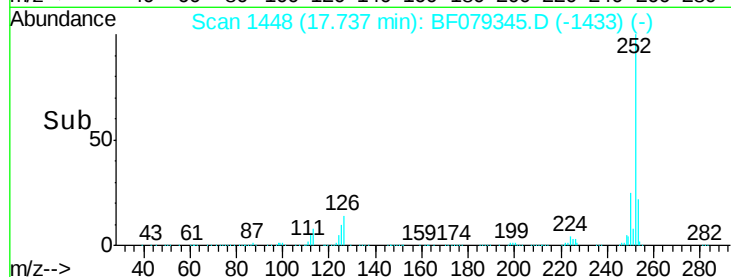
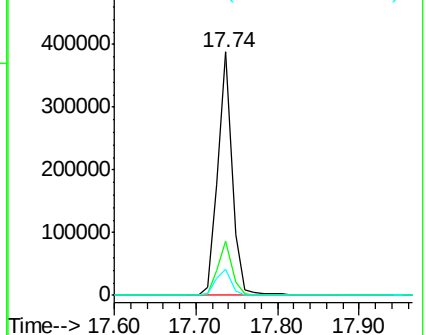
125 10.4 8.2 12.2



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: 47.44 ng

RT: 19.22 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

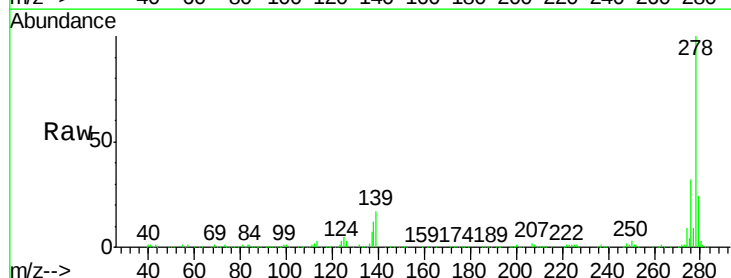
Tgt Ion:278 Resp: 500207

Ion Ratio Lower Upper

278 100

139 16.9 13.1 19.7

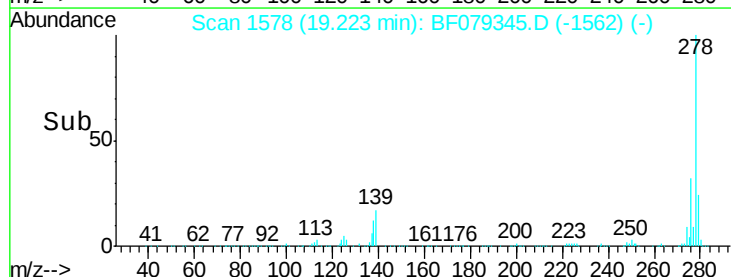
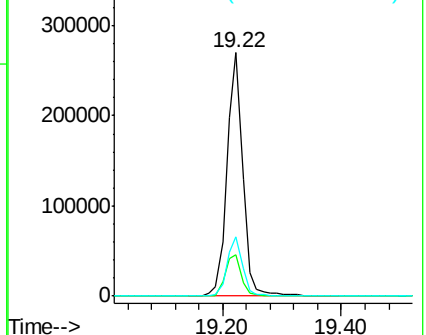
279 24.3 19.1 28.7

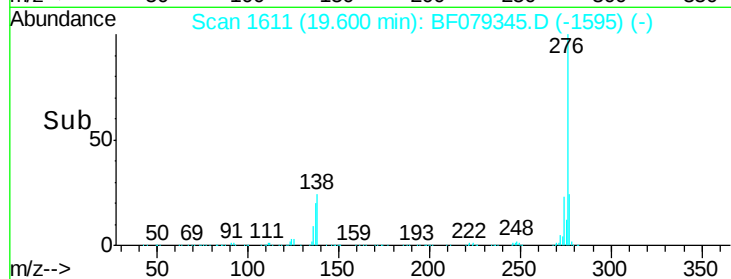
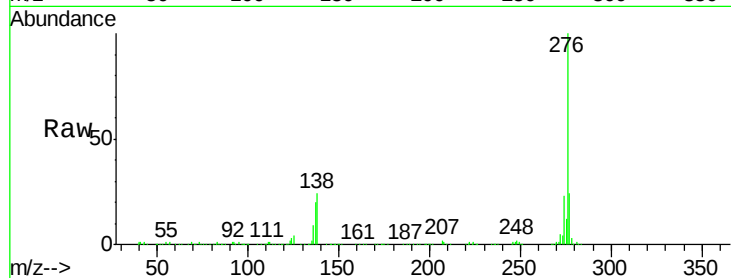
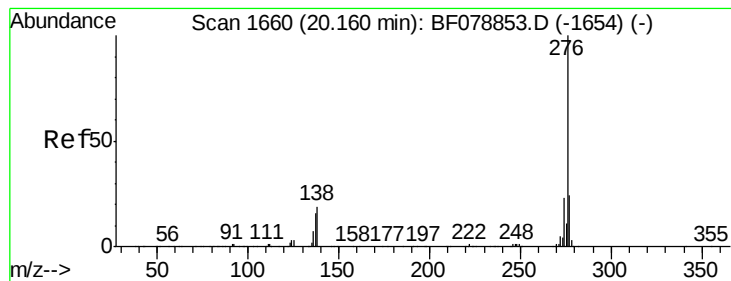


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 48.10 ng

RT: 19.60 min Scan# 1611

Delta R.T. -0.02 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

Tot Ion:276 Resp: 508329

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 24.3 15.2 22.8#

