

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 01:07:13 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 00:50:10 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	166184	61.13	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
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	31777	13.13	ng	96
10) Phenol	6.72	94	56938	13.66	ng	# 33
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	16429	14.55	ng	99
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
42) 2,4,6-Trichlorophenol	9.94	196	79226	43.54	ng	99
43) 2,4,5-Trichlorophenol	9.99	196	83866	45.59	ng	# 87
45) 1,1'-Biphenyl	10.17	154	346414	46.37	ng	96

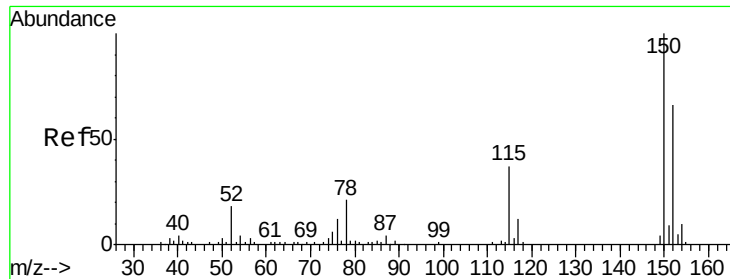
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.19	162	271588	46.60	ng	93
47) 2-Nitroaniline	10.33	65	80270	47.54	ng	# 49
48) Acenaphthylene	10.70	152	441572	46.15	ng	99
49) Dimethylphthalate	10.57	163	329655	47.79	ng	98
50) 2,6-Dinitrotoluene	10.64	165	69451	51.02	ng	# 79
51) Acenaphthene	10.91	154	249971	43.81	ng	99
52) 3-Nitroaniline	10.83	138	53528	31.48	ng	100
53) 2,4-Dinitrophenol	10.98	184	52897	86.52	ng	# 57
54) Dibenzofuran	11.13	168	386072	46.84	ng	98
55) 4-Nitrophenol	11.06	139	36682	27.26	ng	88
56) 2,4-Dinitrotoluene	11.13	165	87673	48.72	ng	# 39
57) Fluorene	11.55	166	316659	46.81	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.29	232	69860	46.47	ng	98
59) Diethylphthalate	11.44	149	330743	48.40	ng	99
60) 4-Chlorophenyl-phenylether	11.56	204	142693	47.55	ng	98
61) 4-Nitroaniline	11.59	138	70235	41.29	ng	99
62) Azobenzene	11.76	77	312770	46.45	ng	97
64) 4,6-Dinitro-2-methylphenol	11.64	198	36640	48.33	ng	96
65) n-Nitrosodiphenylamine	11.71	169	262670	43.51	ng	98
66) 4-Bromophenyl-phenylether	12.17	248	87902	46.52	ng	96
67) Hexachlorobenzene	12.23	284	97845	45.31	ng	92
68) Atrazine	12.40	200	84868	48.35	ng	93
69) Pentachlorophenol	12.49	266	98307	78.00	ng	99
70) Phenanthrene	12.74	178	461122	45.47	ng	99
71) Anthracene	12.81	178	470245	47.27	ng	100
72) Carbazole	13.02	167	444467	46.87	ng	99
73) Di-n-butylphthalate	13.47	149	561663	49.39	ng	98
74) Fluoranthene	14.22	202	491305	46.50	ng	99
76) Benzidine	14.41	184	32870	6.61	ng	99
77) Pyrene	14.22	202	491060	46.18	ng	99
79) Butylbenzylphthalate	15.34	149	252183	54.26	ng	95
80) Benzo(a)anthracene	16.00	228	468972	46.41	ng	100
81) 3,3'-Dichlorobenzidine	15.98	252	130779	36.33	ng	# 97
82) Chrysene	16.05	228	449687	46.27	ng	99
83) Bis(2-ethylhexyl)phthalate	16.07	149	368897	52.40	ng	100
84) Di-n-octyl phthalate	16.88	149	630776	50.87	ng	96
85) Indeno(1,2,3-cd)pyrene	19.20	276	602326	48.64	ng	100
87) Benzo(b)fluoranthene	17.34	252	530058	49.19	ng	99
88) Benzo(k)fluoranthene	17.37	252	433213	41.53	ng	# 97
89) Benzo(a)pyrene	17.74	252	481089	48.49	ng	100
90) Dibenzo(a,h)anthracene	19.22	278	500207	47.44	ng	99
91) Benzo(g,h,i)perylene	19.60	276	508329	48.10	ng	# 95

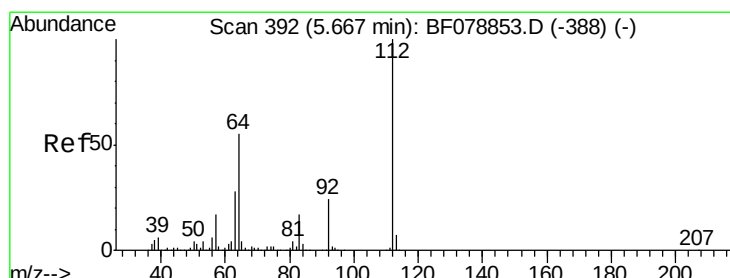
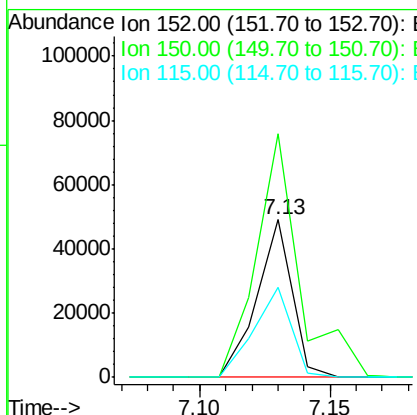
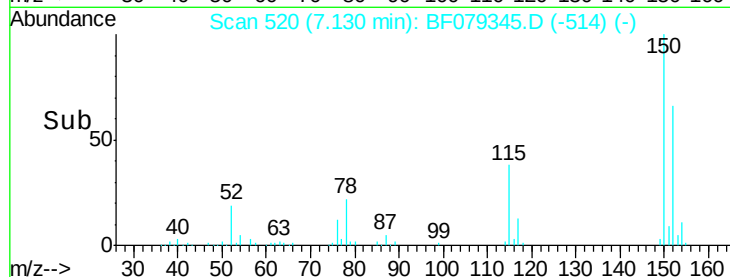
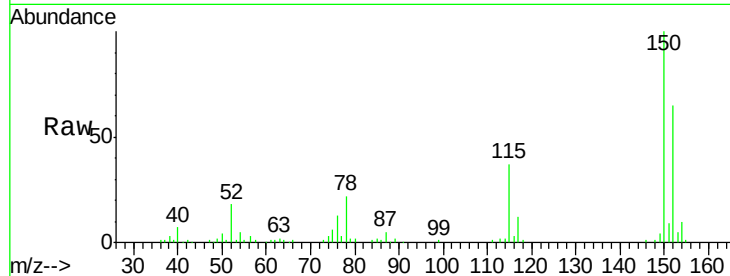
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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

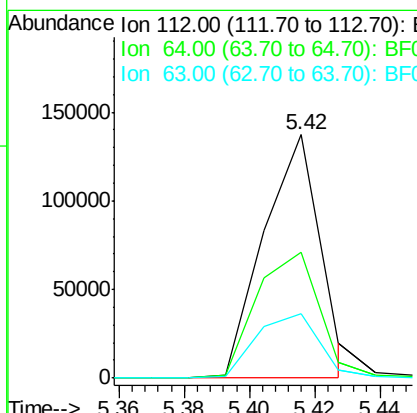
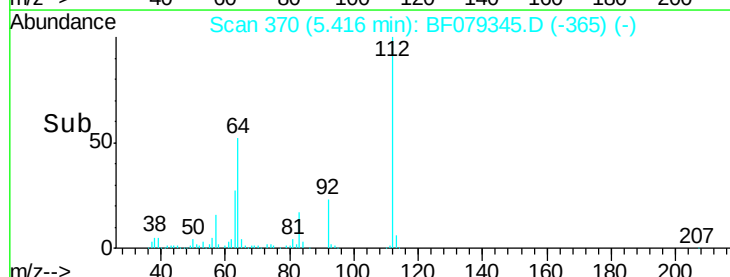
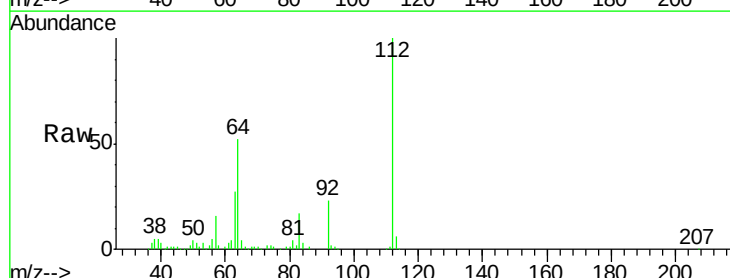
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

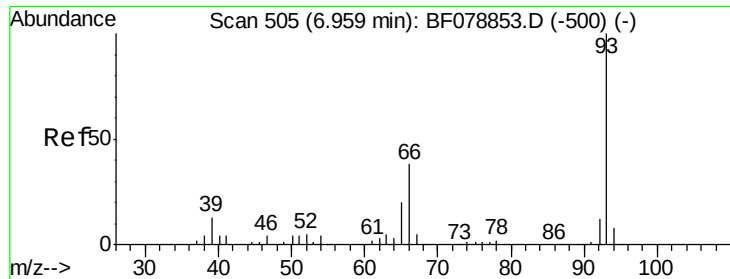
Tgt Ion	Resp	Lower	Upper
152	100		
150	154.8	123.8	185.8
115	57.2	49.4	74.0



#5
 2-Fluorophenol
 Concen: 61.13 ng
 RT: 5.42 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt Ion	Resp	Lower	Upper
112	100		
64	51.6	44.2	66.2
63	26.5	22.7	34.1





#6

Aniline

Concen: 18.90 ng

RT: 6.72 min Scan# 484

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

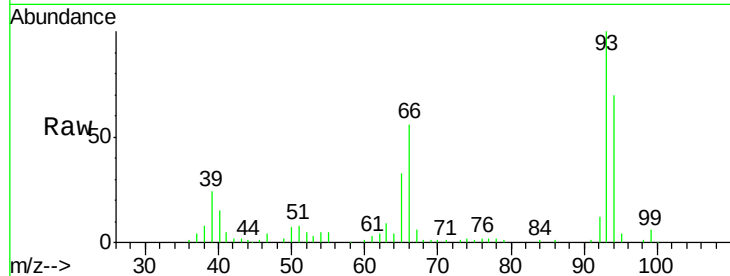
Tgt Ion: 93 Resp: 95879

Ion Ratio Lower Upper

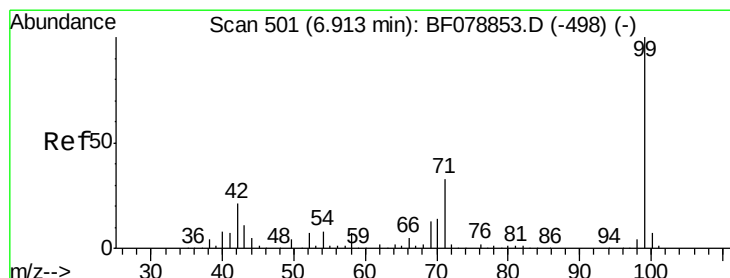
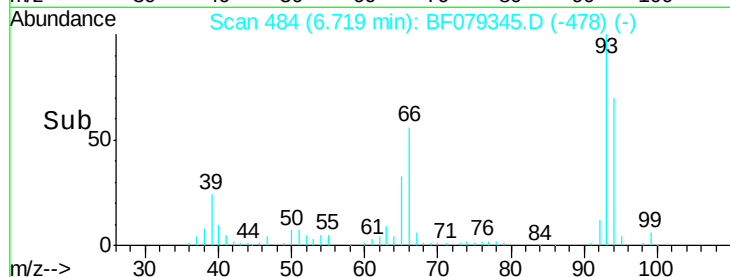
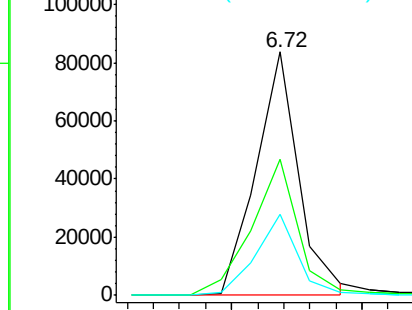
93 100

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

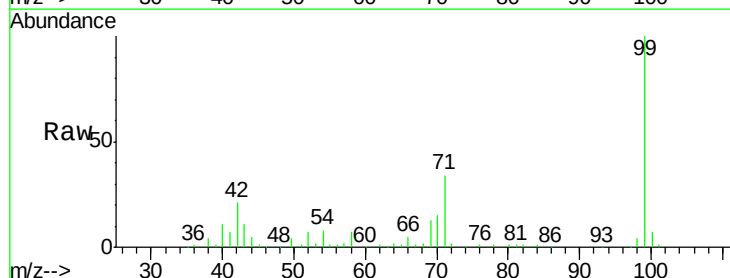
Tgt Ion: 99 Resp: 134832

Ion Ratio Lower Upper

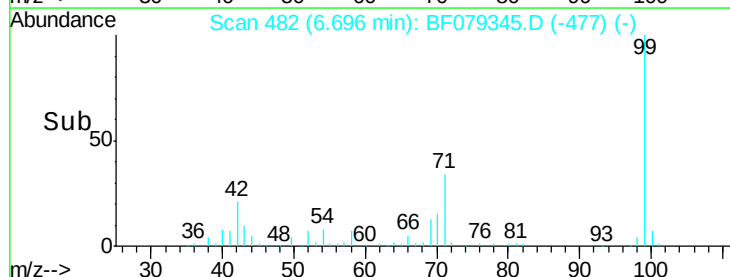
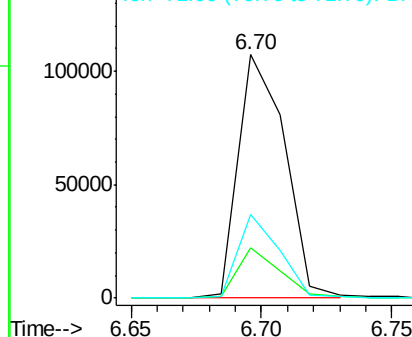
99 100

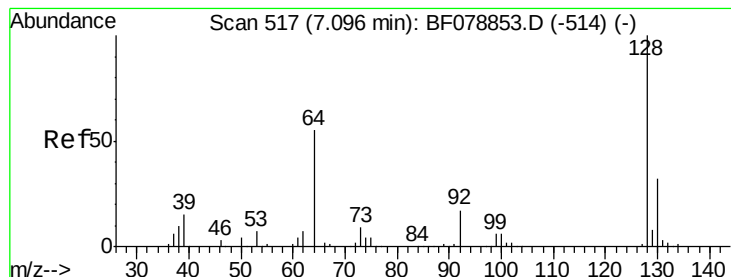
42 20.9 17.1 25.7

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





#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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

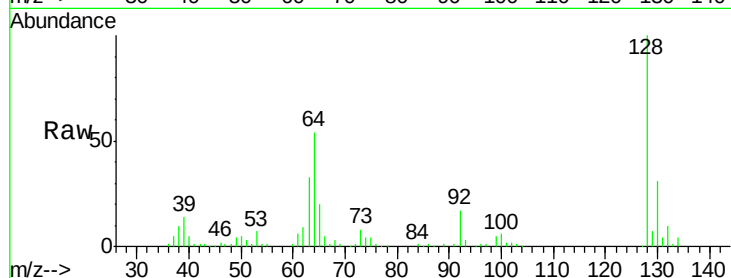
Tgt Ion: 128 Resp: 112457

Ion Ratio Lower Upper

128 100

130 30.8 12.4 52.4

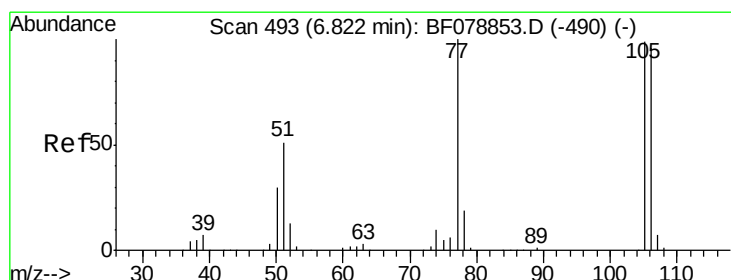
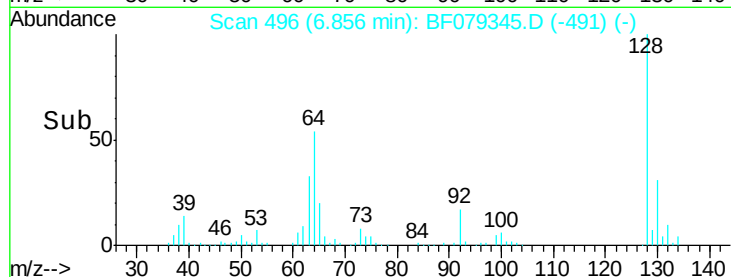
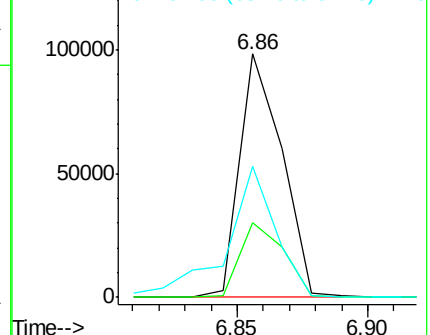
64 53.7 37.8 77.8



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): E



#9

Benzaldehyde

Concen: 13.13 ng

RT: 6.57 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

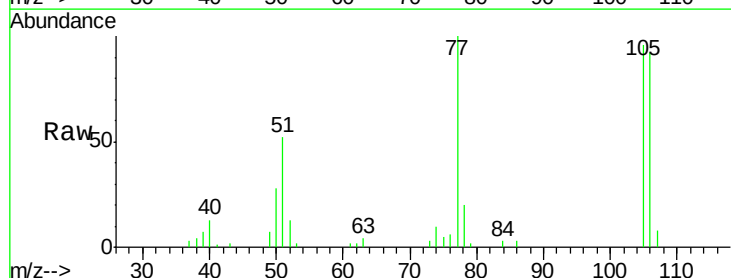
Tgt Ion: 77 Resp: 31777

Ion Ratio Lower Upper

77 100

105 96.0 78.9 118.9

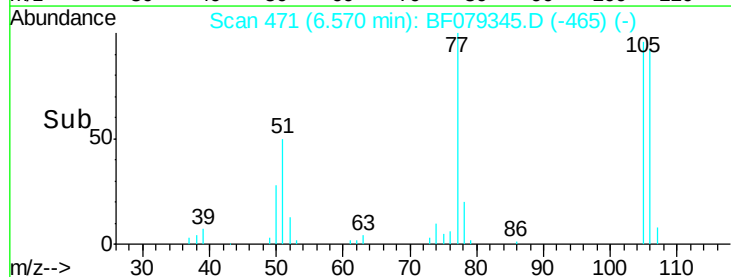
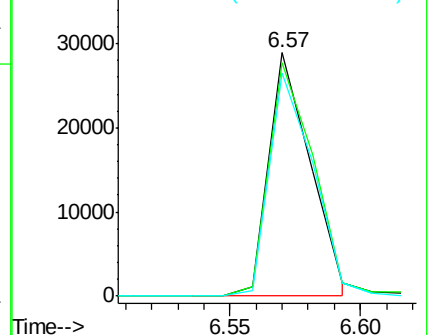
106 91.6 75.8 115.8

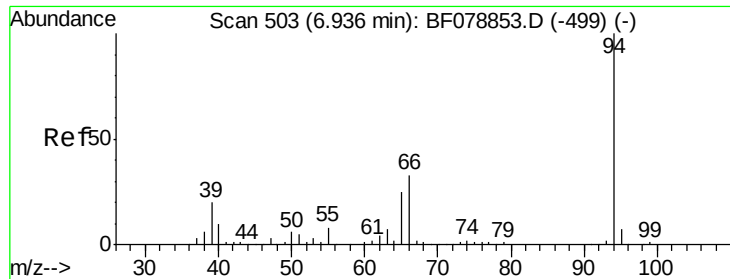


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 13.66 ng

RT: 6.72 min Scan# 484

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

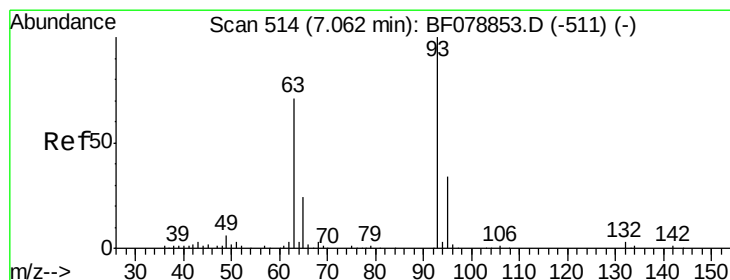
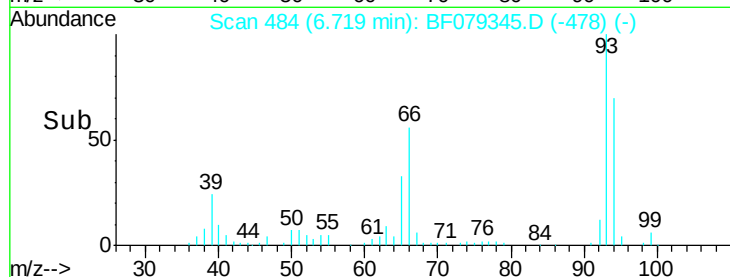
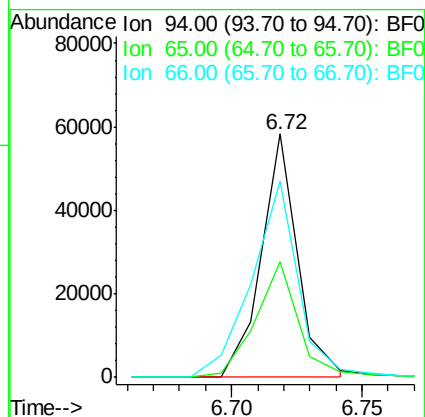
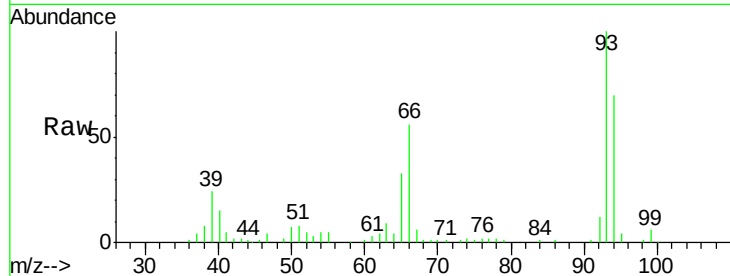
Tgt Ion: 94 Resp: 56938

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

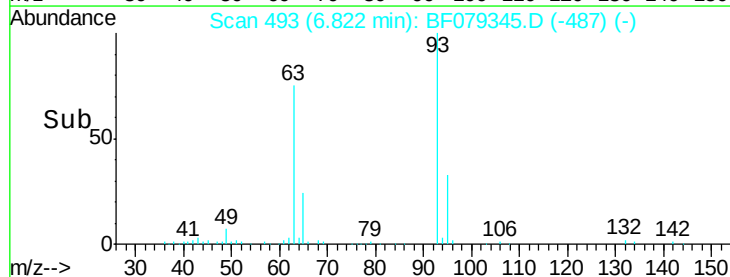
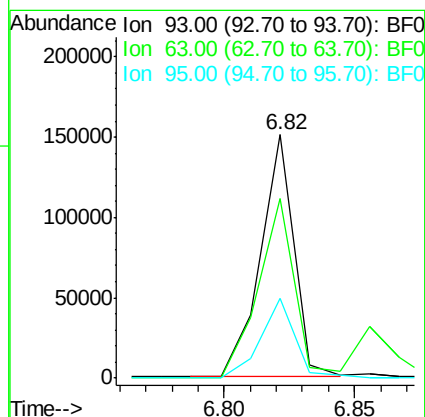
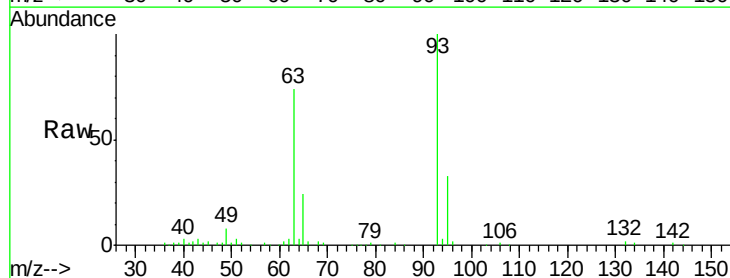
Tgt Ion: 93 Resp: 135769

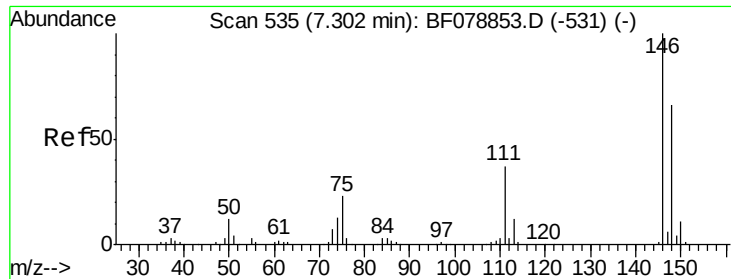
Ion Ratio Lower Upper

93 100

63 73.7 50.8 90.8

95 32.6 13.9 53.9

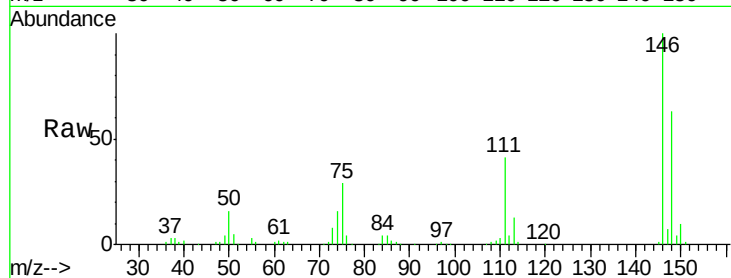




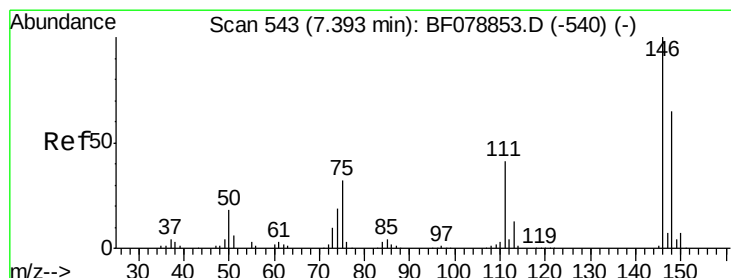
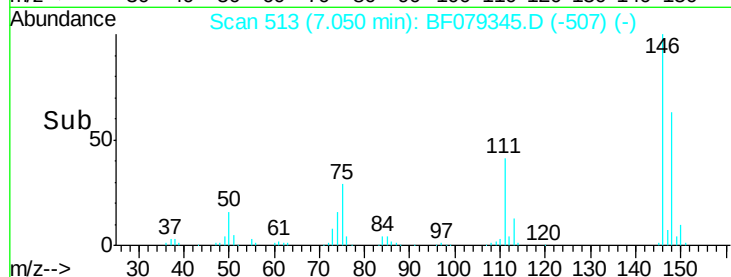
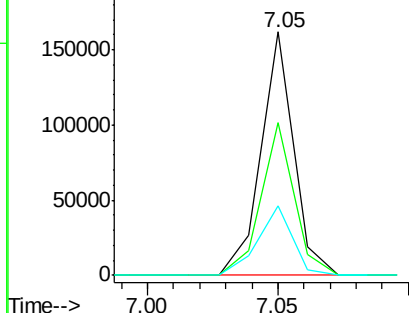
#12
 1,3-Dichlorobenzene
 Concen: 41.18 ng
 RT: 7.05 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

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

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#

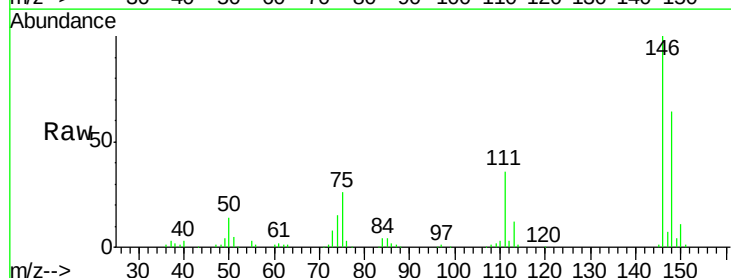


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

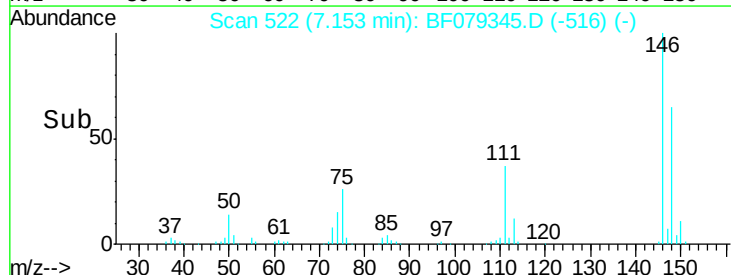
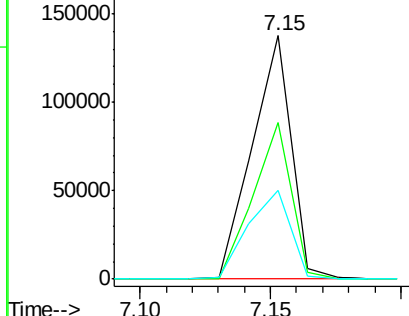


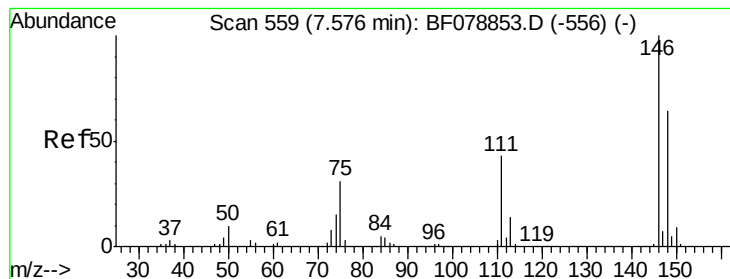
#13
 1,4-Dichlorobenzene
 Concen: 40.62 ng
 RT: 7.15 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt 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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

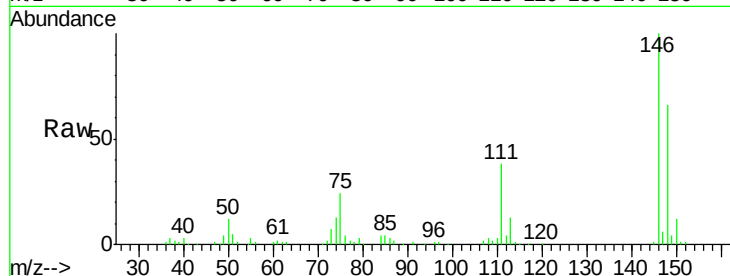
Tgt Ion:146 Resp: 134039

Ion Ratio Lower Upper

146 100

148 65.8 51.1 76.7

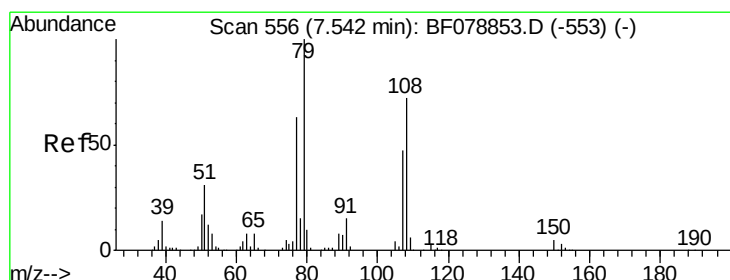
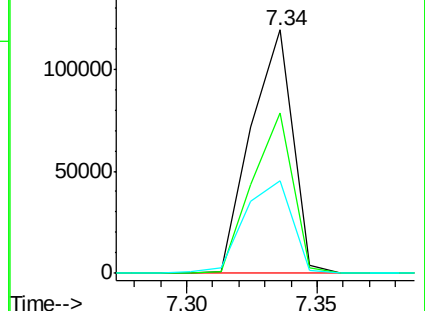
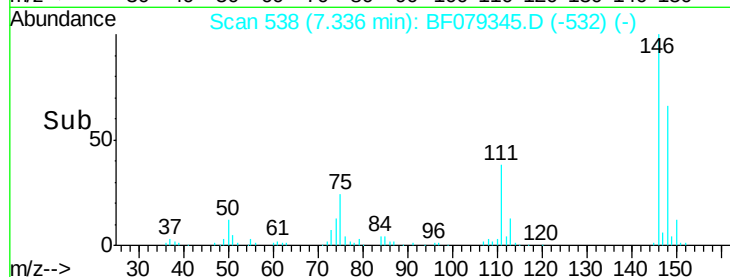
111 37.8 34.6 52.0



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

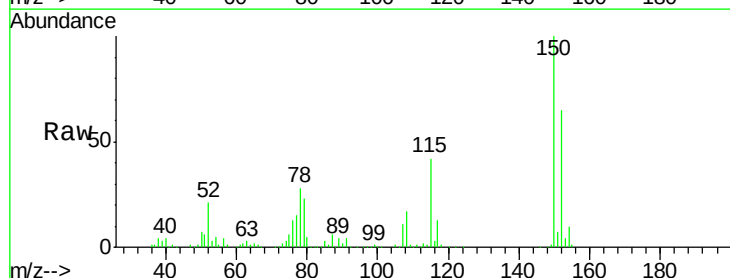
Tgt Ion: 79 Resp: 69168

Ion Ratio Lower Upper

79 100

108 75.5 57.4 86.2

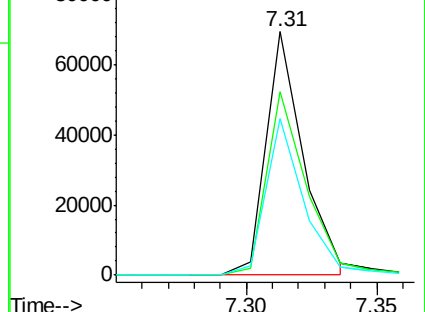
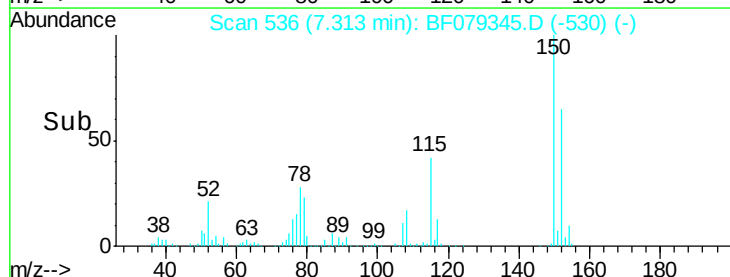
77 64.1 50.2 75.4

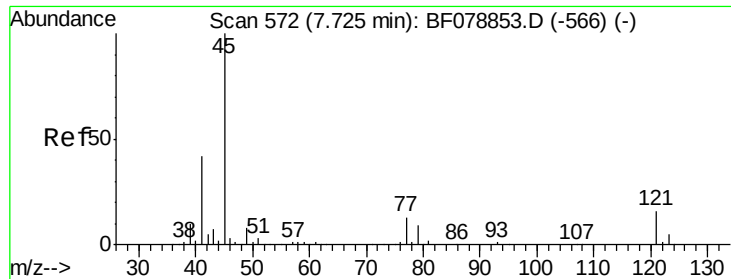


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

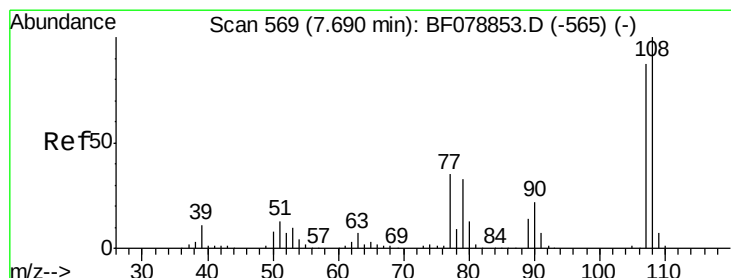
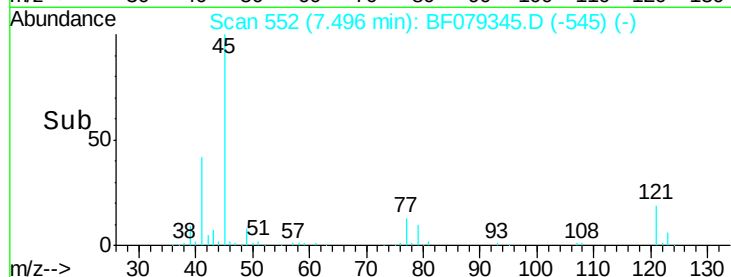
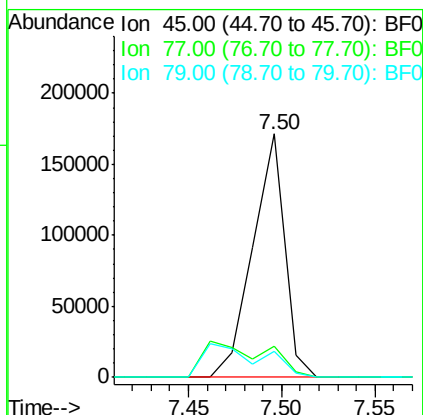
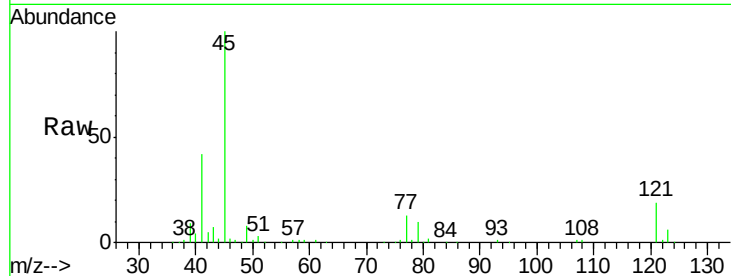




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.57 ng
RT: 7.50 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

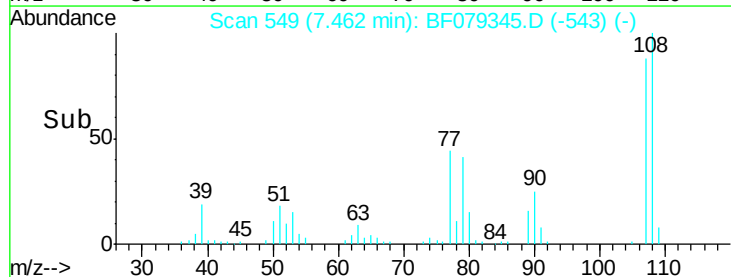
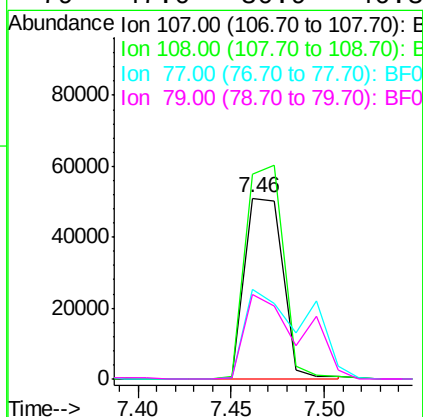
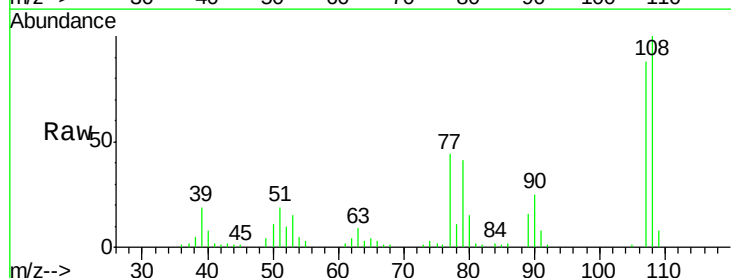
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MS

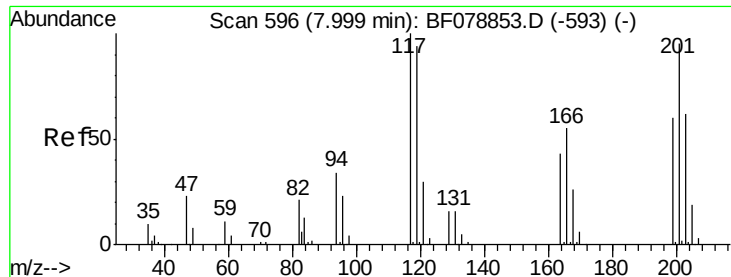
Tgt Ion: 45 Resp: 203720
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.6
79 10.4 0.0 29.3



#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

Tgt 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#

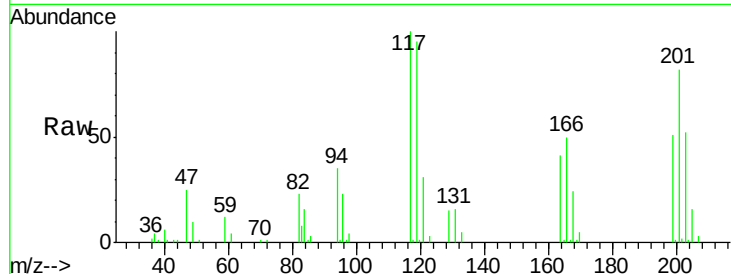




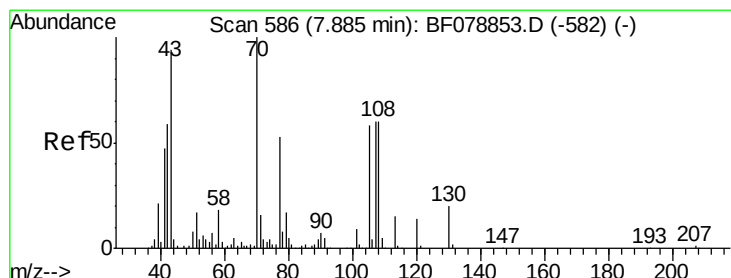
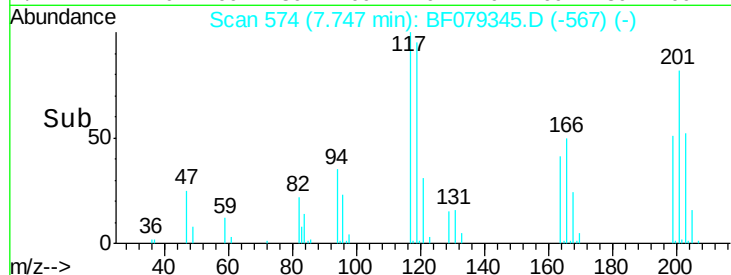
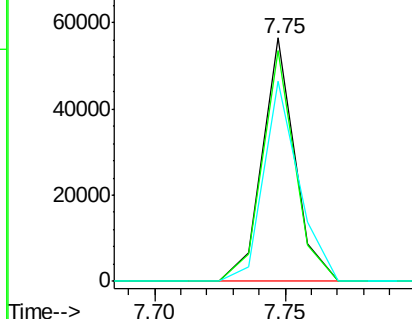
#18
Hexachloroethane
Concen: 40.22 ng
RT: 7.75 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

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

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

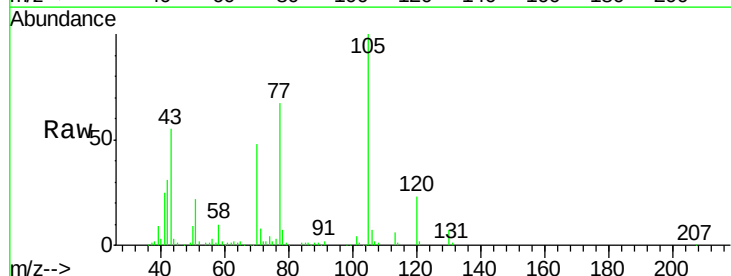


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

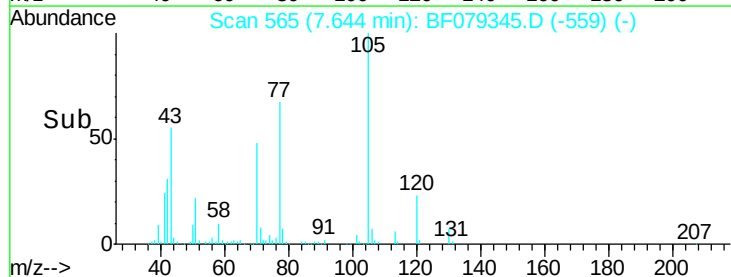
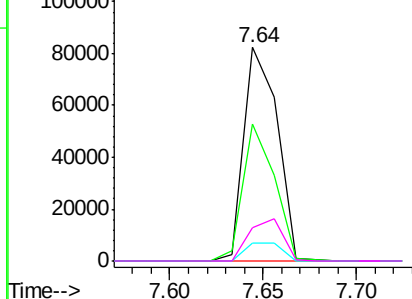


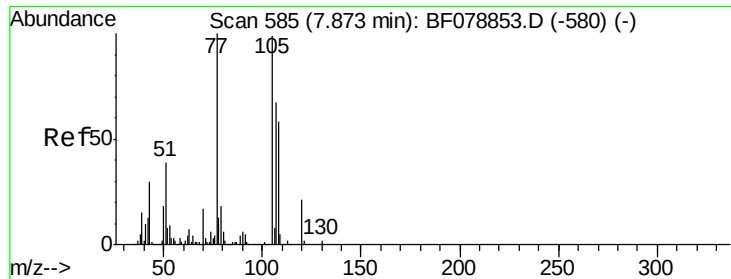
#19
n-Nitroso-di-n-propylamine
Concen: 42.20 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Tgt 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#



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





#20

3+4-Methylphenols

Concen: 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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

Tgt Ion:107 Resp: 90658

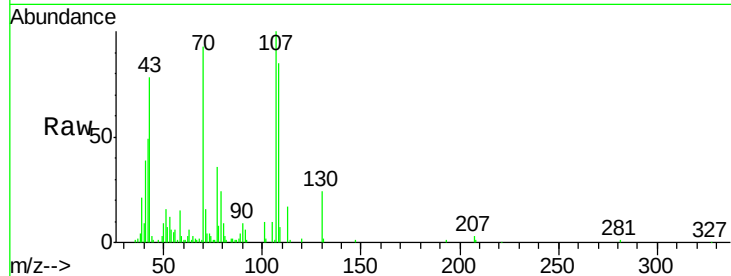
Ion Ratio Lower Upper

107 100

108 85.3 66.5 106.5

77 36.0 130.6 170.6#

79 24.2 6.4 46.4

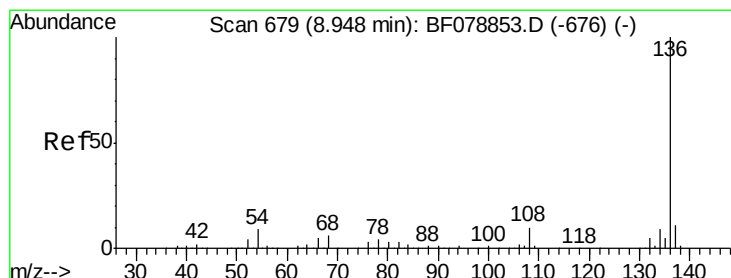
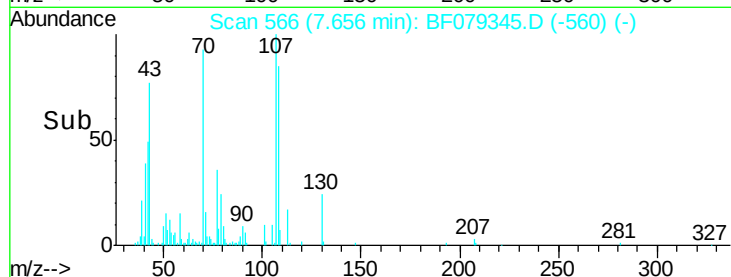
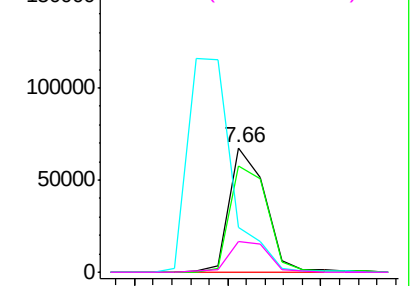


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Tgt Ion:136 Resp: 193510

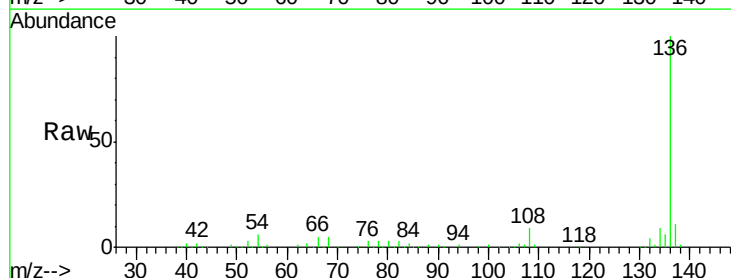
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.4 6.9 10.3#

68 5.2 4.9 7.3

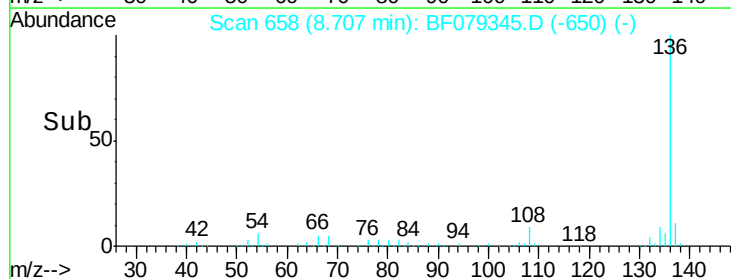
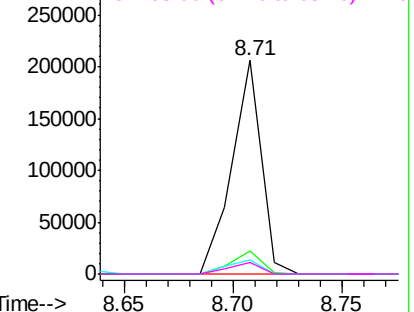


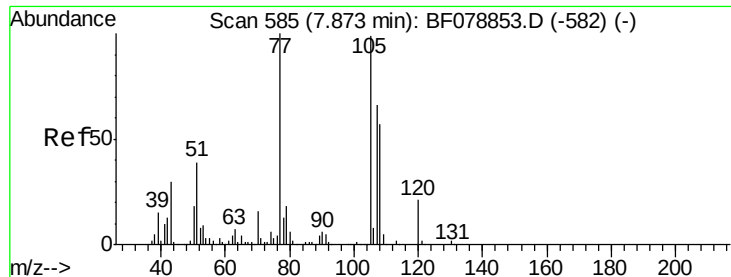
Abundance Ion 136.00 (135.70 to 136.70): E

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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

Tgt Ion: 105 Resp: 218600

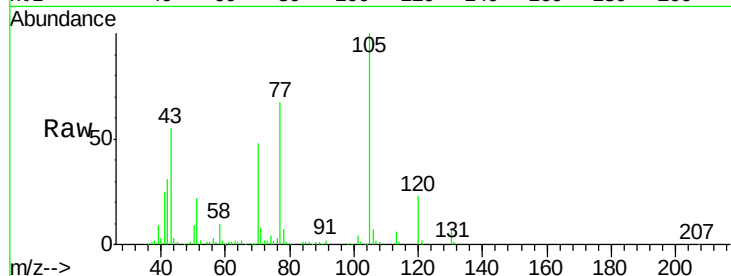
Ion Ratio Lower Upper

105 100

71 8.1 2.2 3.4#

51 21.8 31.1 46.7#

120 22.8 16.7 25.1

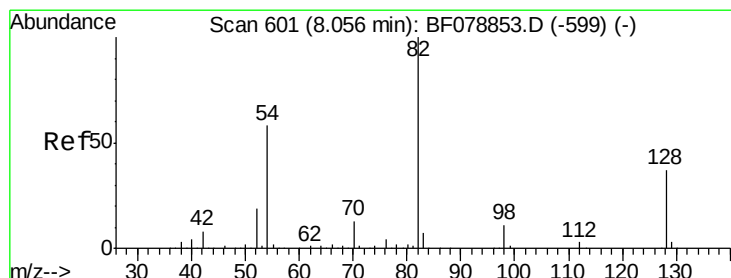
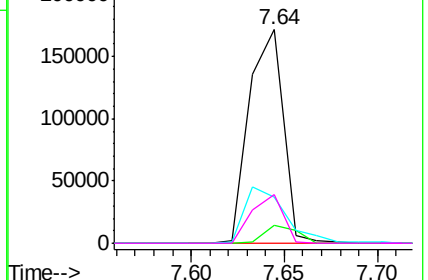
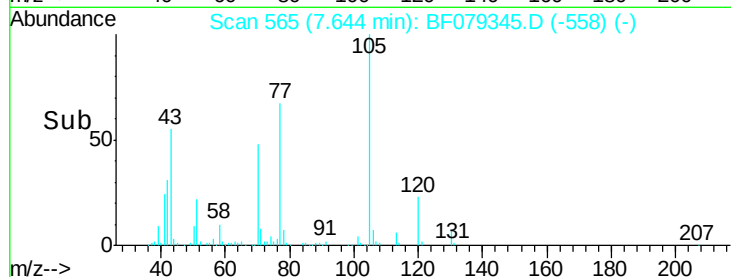


Abundance Ion 105.00 (104.70 to 105.70): E

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

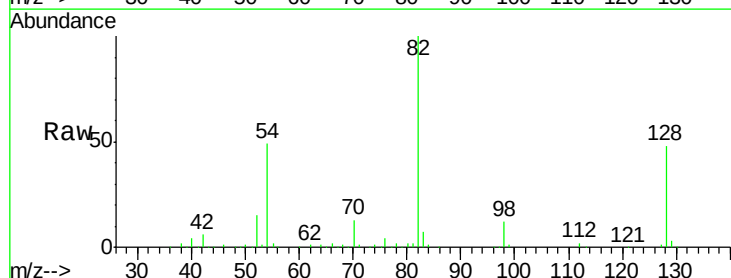
Tgt Ion: 82 Resp: 300429

Ion Ratio Lower Upper

82 100

128 48.2 29.7 44.5#

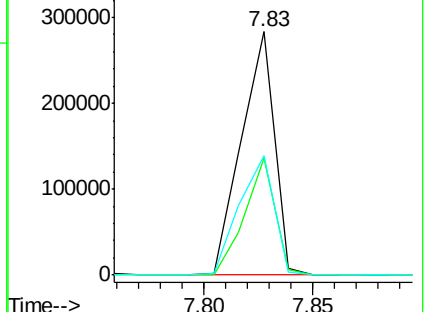
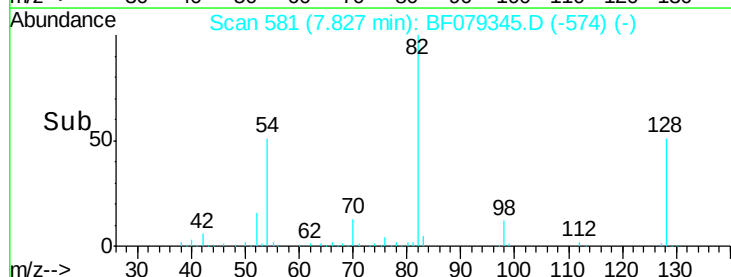
54 49.1 46.2 69.4

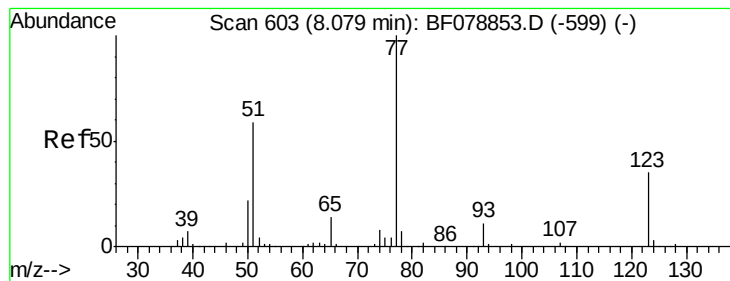


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

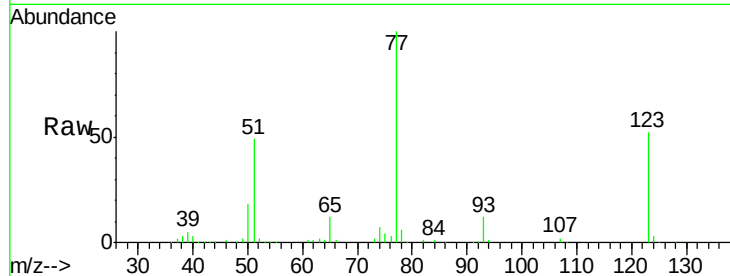
Tgt Ion: 77 Resp: 153971

Ion Ratio Lower Upper

77 100

123 52.0 28.3 42.5#

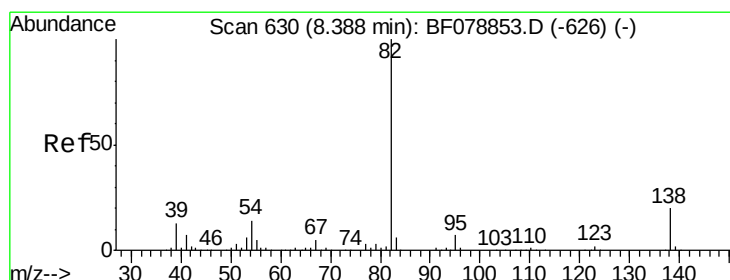
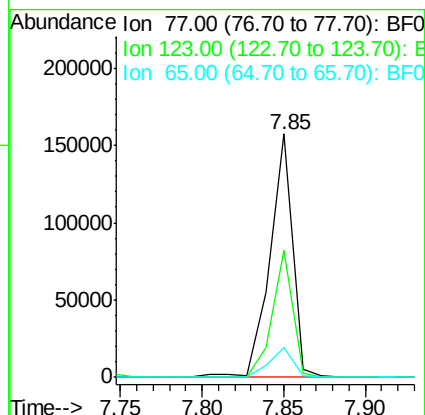
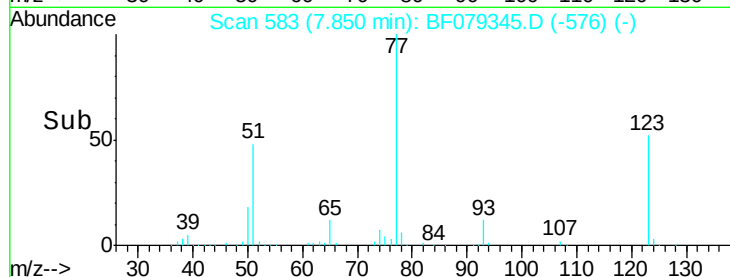
65 12.3 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

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

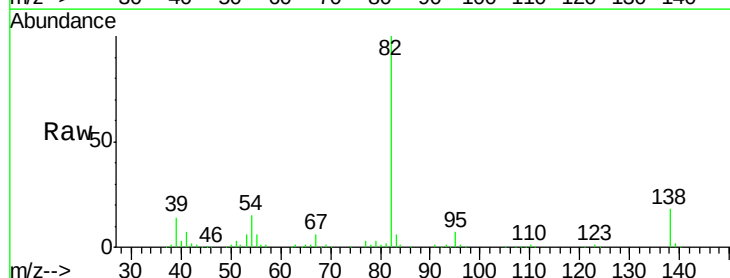
Tgt Ion: 82 Resp: 282182

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

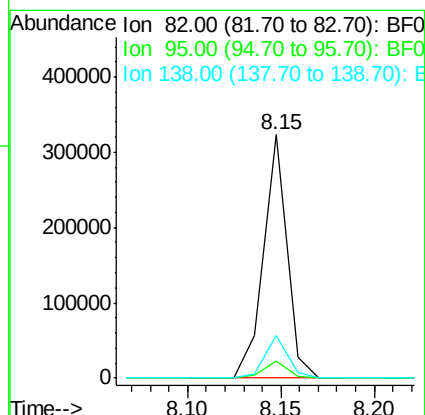
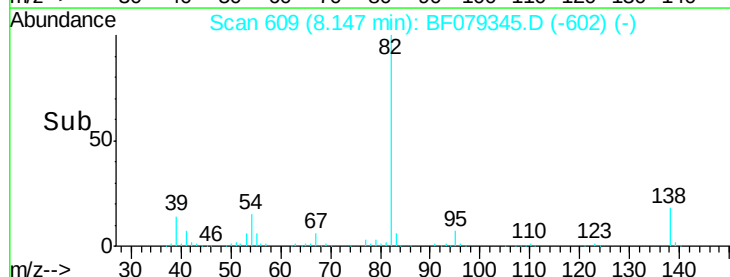
138 17.8 16.1 24.1

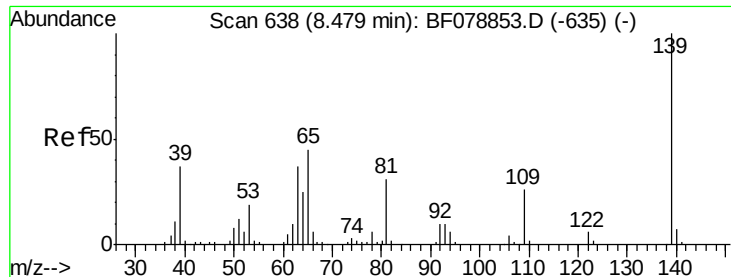


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

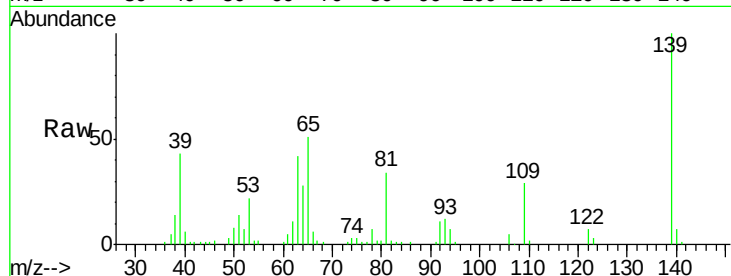




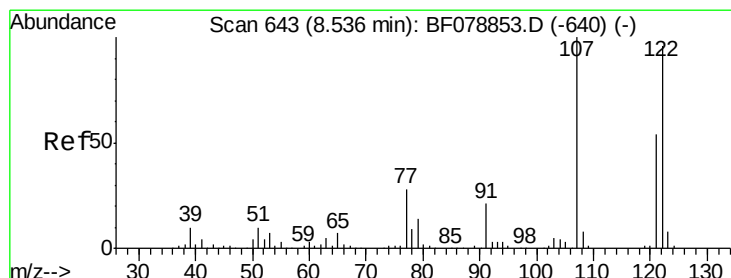
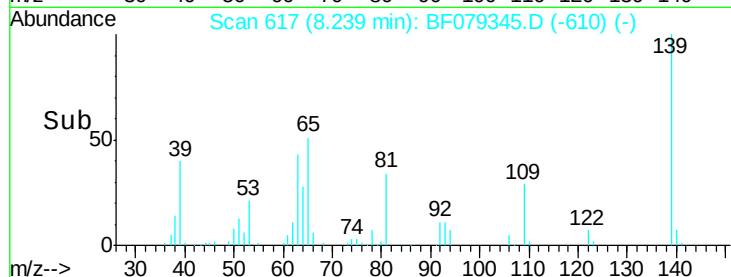
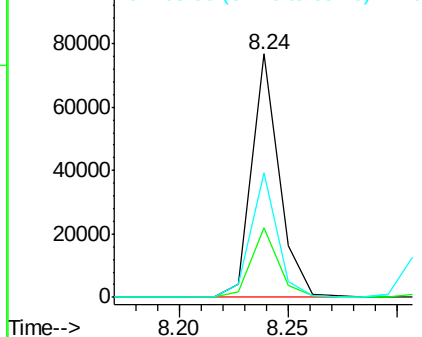
#26
 2-Nitrophenol
 Concen: 49.04 ng
 RT: 8.24 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

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

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

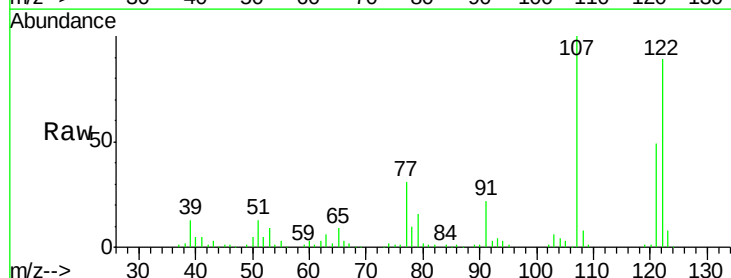


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

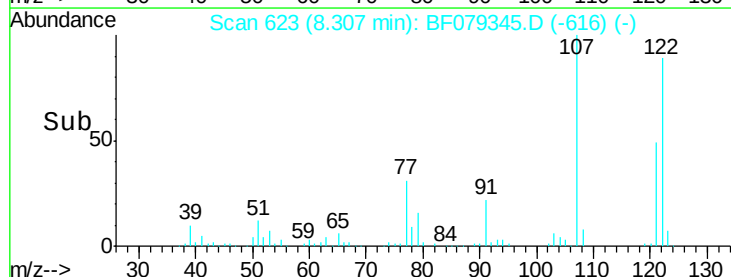
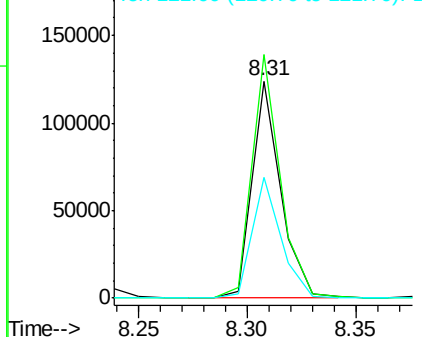


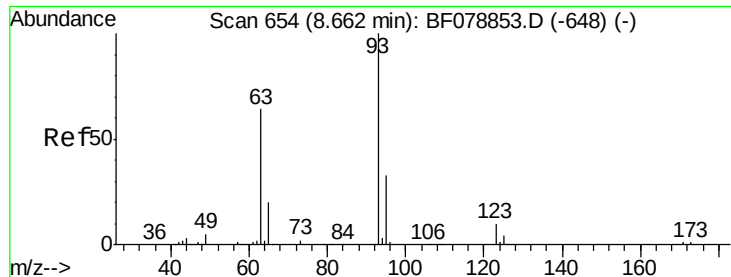
#27
 2,4-Dimethylphenol
 Concen: 40.99 ng
 RT: 8.31 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt 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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

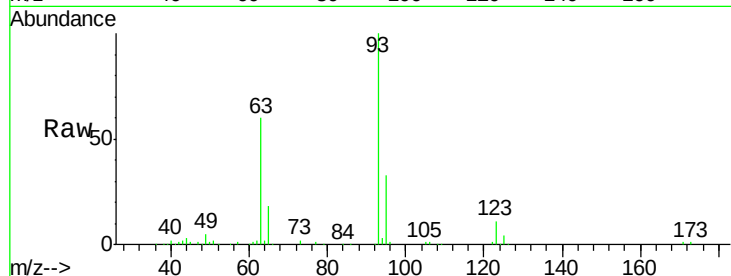
Tgt Ion: 93 Resp: 176342

Ion Ratio Lower Upper

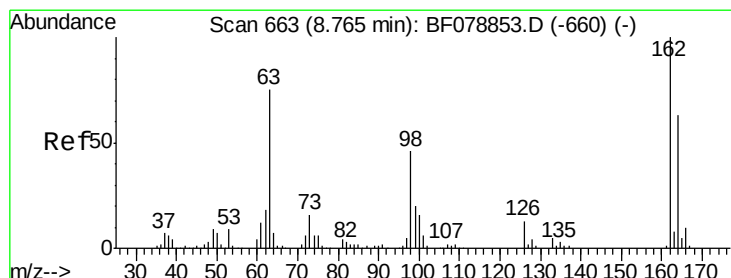
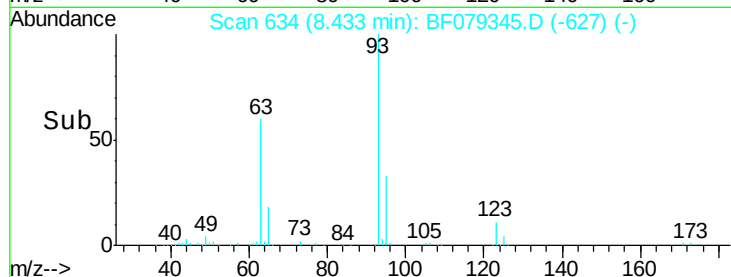
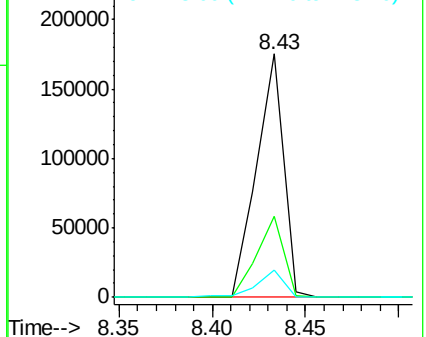
93 100

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): BF0



#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

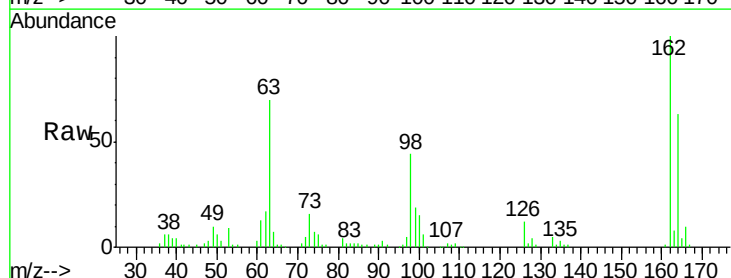
Tgt Ion: 162 Resp: 109457

Ion Ratio Lower Upper

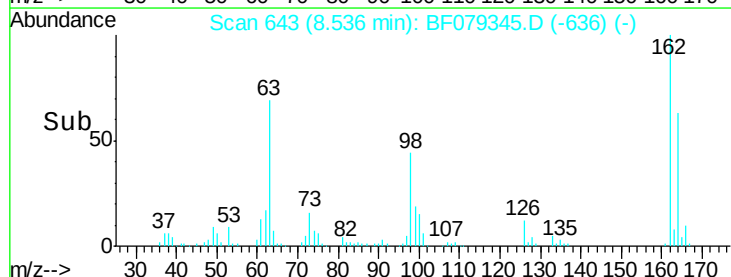
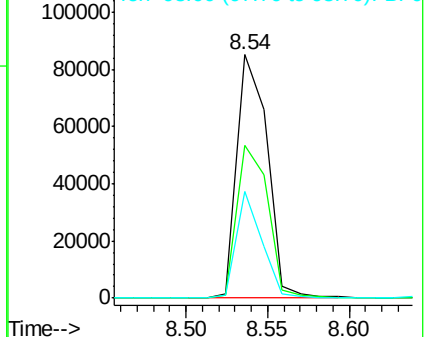
162 100

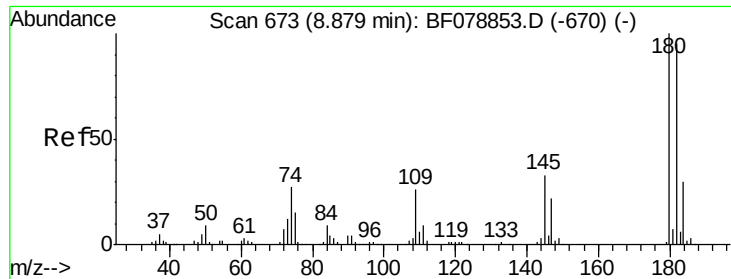
164 62.7 42.7 82.7

98 44.0 26.3 66.3



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

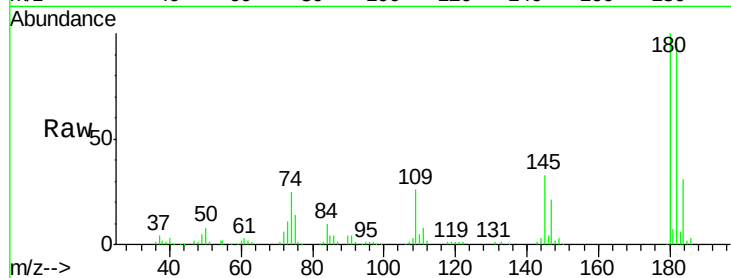




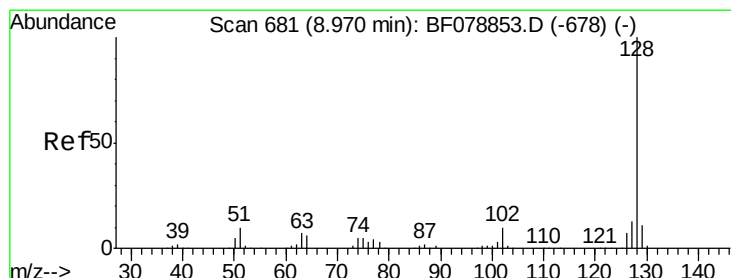
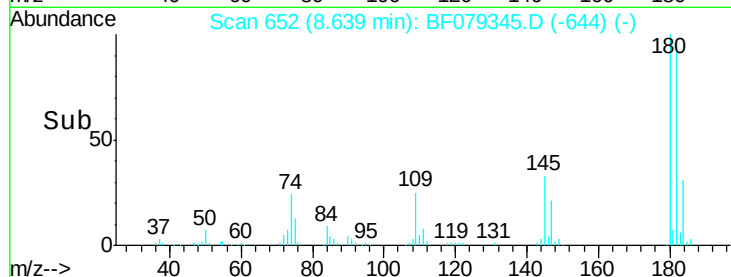
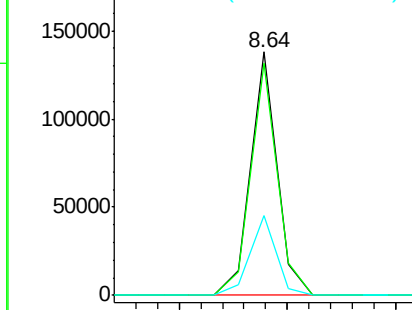
#30
1,2,4-Trichlorobenzene
Concen: 43.21 ng
RT: 8.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

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

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

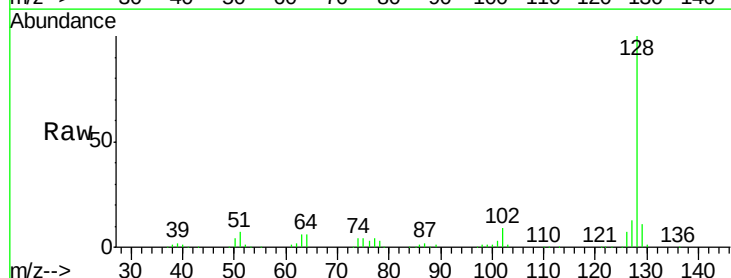


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

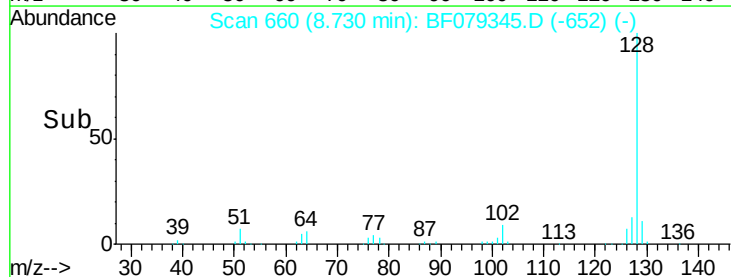
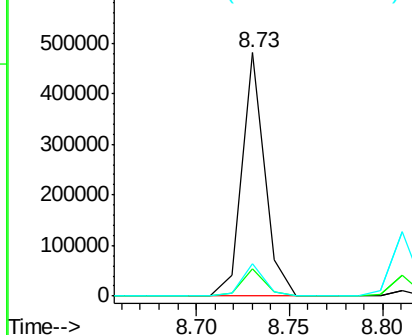


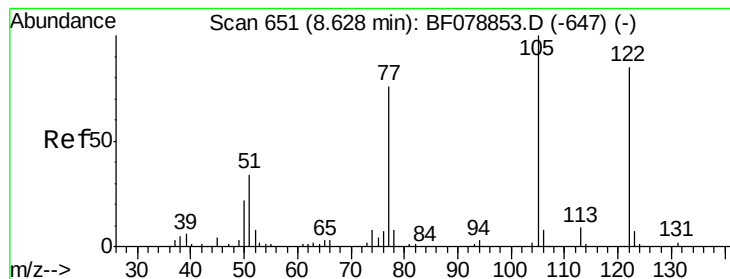
#31
Naphthalene
Concen: 44.53 ng
RT: 8.73 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Tgt 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: 14.55 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.05 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

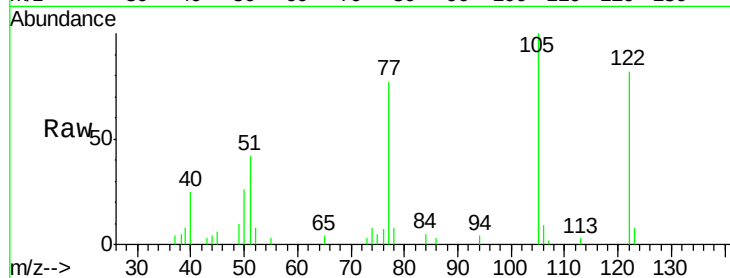
Tgt Ion:122 Resp: 16429

Ion Ratio Lower Upper

122 100

105 121.4 100.7 140.7

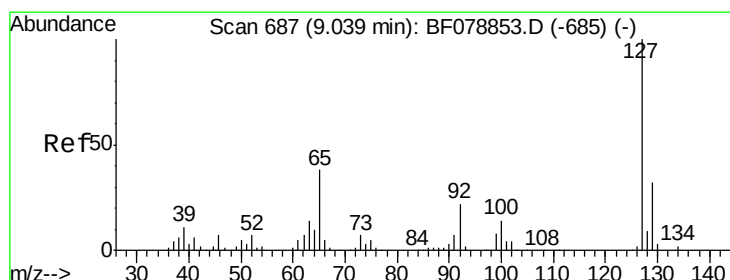
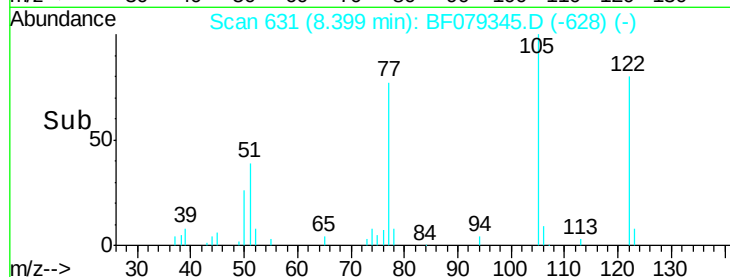
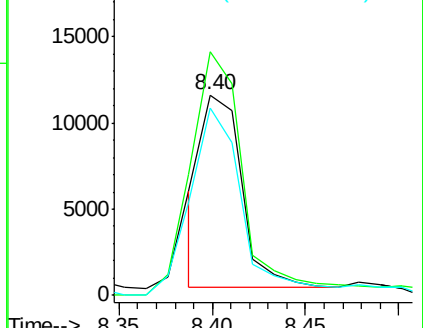
77 93.2 72.0 112.0



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

Tgt Ion:127 Resp: 111932

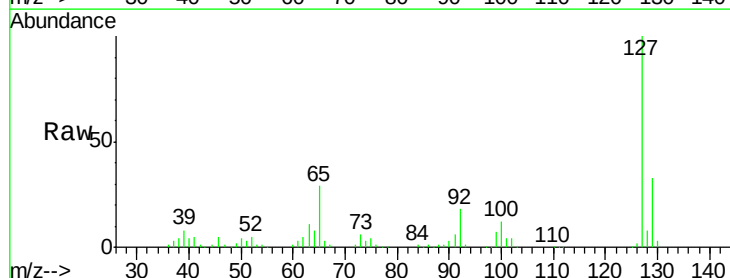
Ion Ratio Lower Upper

127 100

129 32.9 25.6 38.4

65 29.0 30.2 45.4#

92 18.3 17.5 26.3

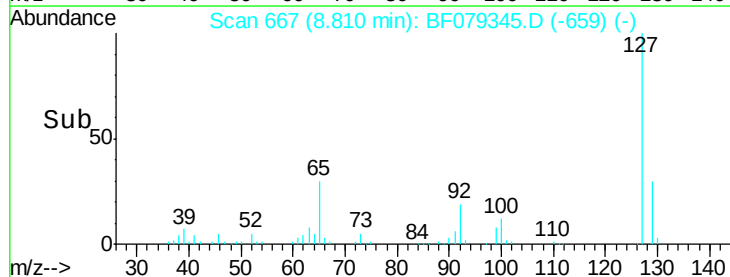
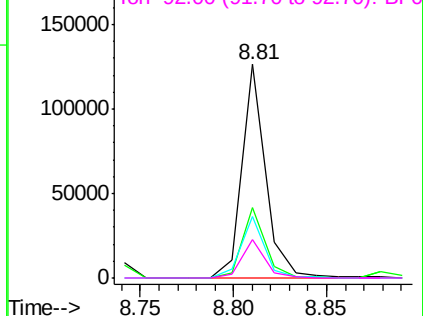


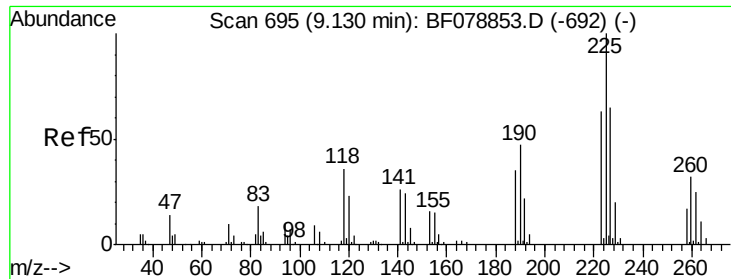
Abundance Ion 127.00 (126.70 to 127.70): E

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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

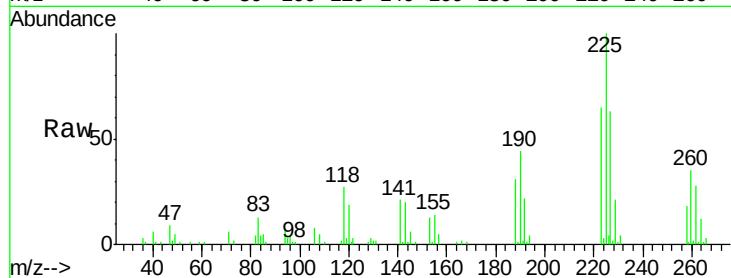
Tgt Ion: 225 Resp: 61933

Ion Ratio Lower Upper

225 100

223 64.9 50.6 75.8

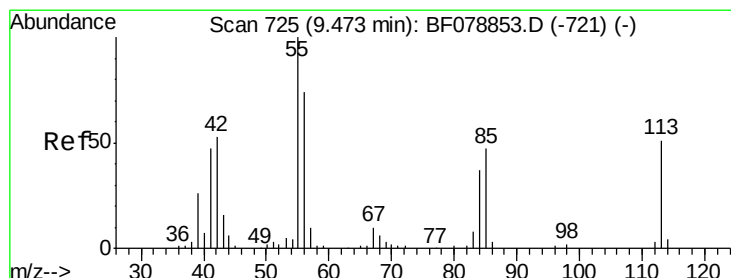
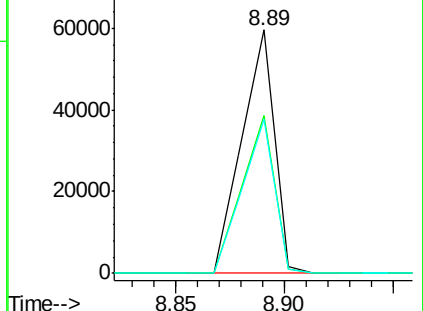
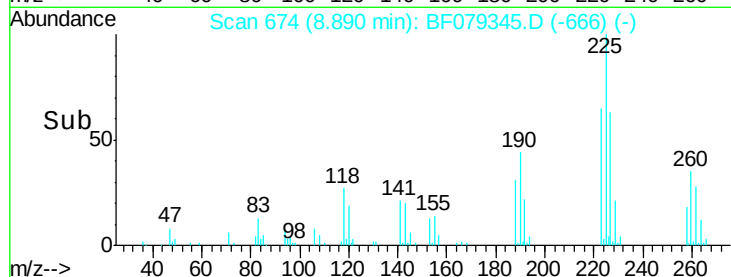
227 63.2 52.1 78.1



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

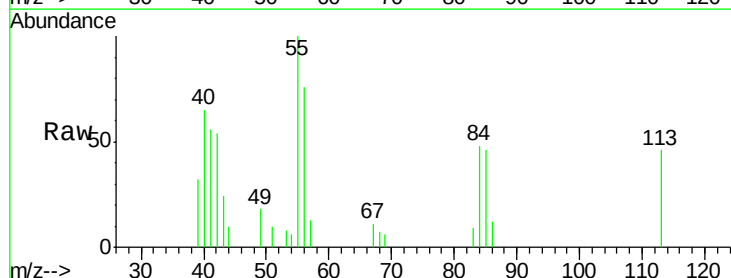
Tgt Ion: 113 Resp: 5167

Ion Ratio Lower Upper

113 100

55 219.6 176.0 216.0#

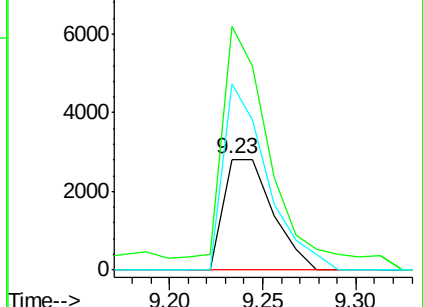
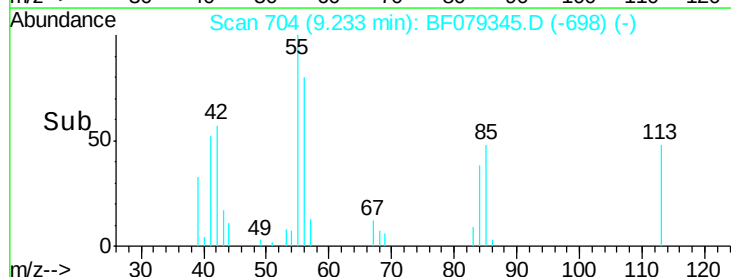
56 167.2 123.8 163.8#

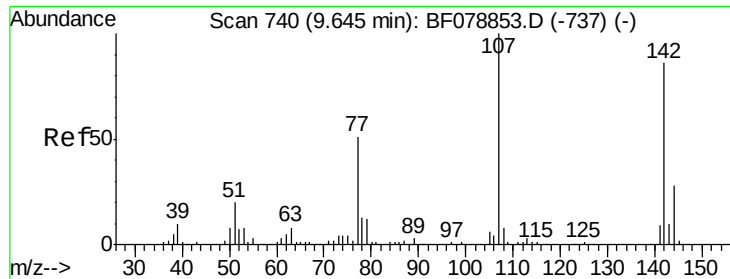


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

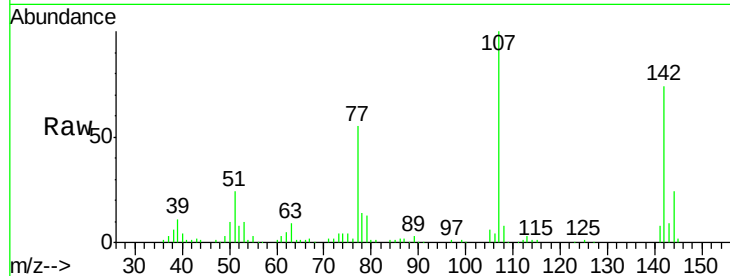




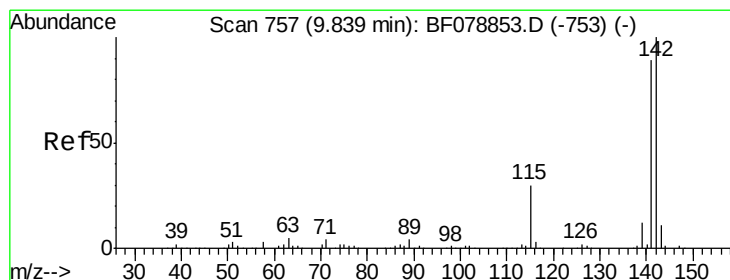
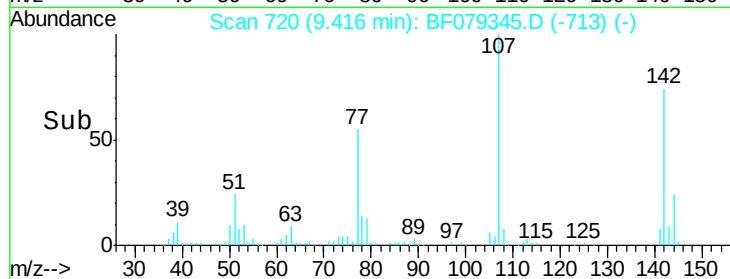
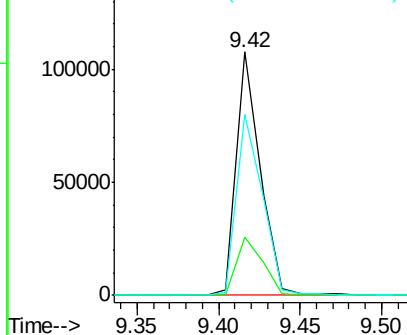
#36
 4-Chloro-3-methylphenol
 Concen: 42.21 ng
 RT: 9.42 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

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

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

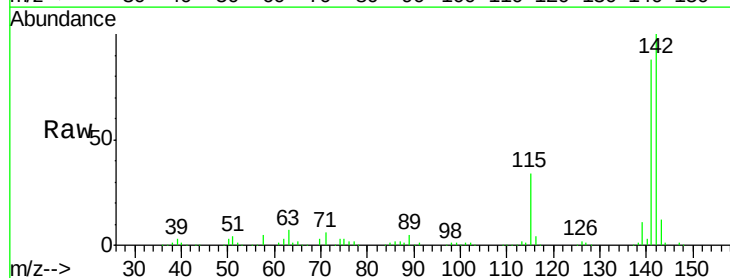


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

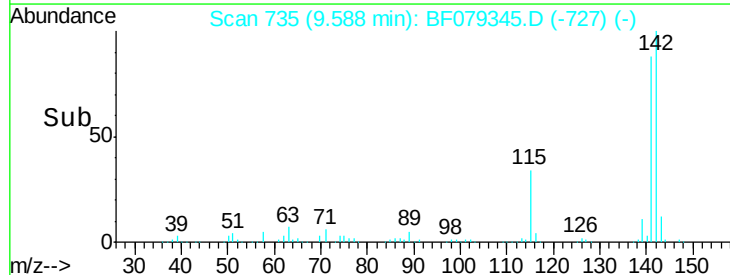
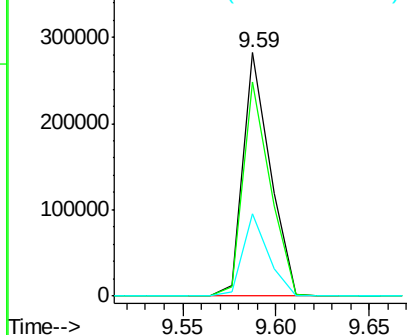


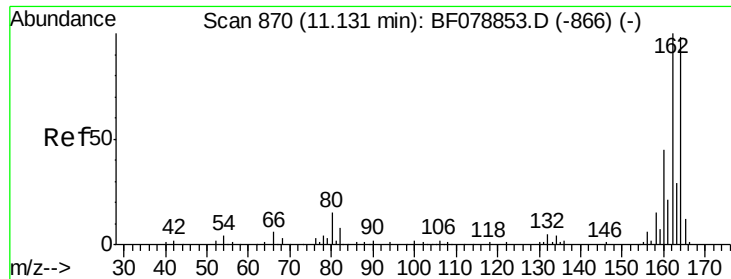
#37
 2-Methylnaphthalene
 Concen: 44.71 ng
 RT: 9.59 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt 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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

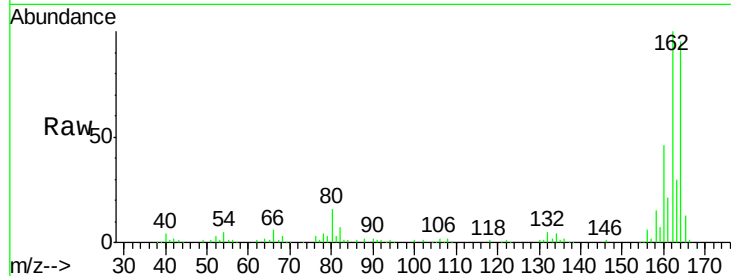
Tgt Ion:164 Resp: 93979

Ion Ratio Lower Upper

164 100

162 105.3 81.4 122.0

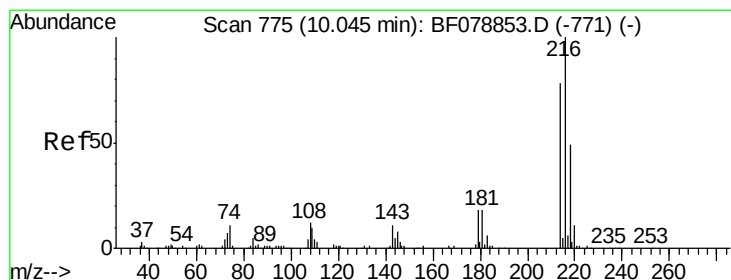
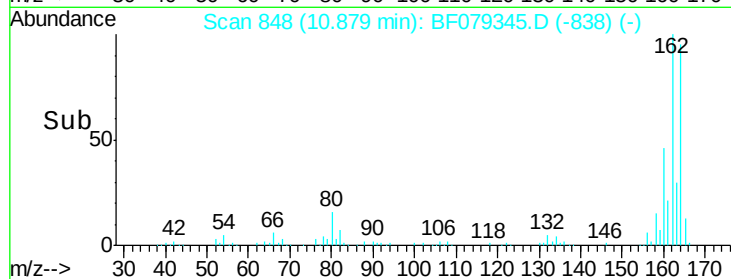
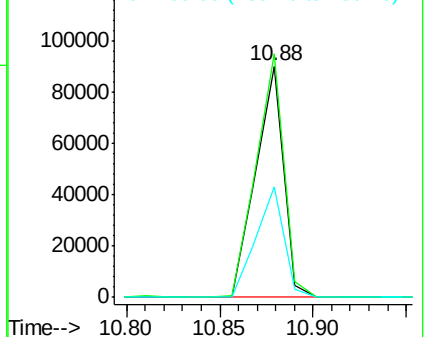
160 48.0 36.6 54.8



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

Tgt Ion:216 Resp: 113944

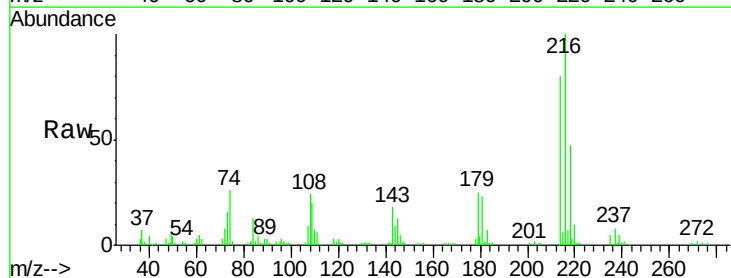
Ion Ratio Lower Upper

216 100

214 79.4 64.0 96.0

179 22.3 17.0 25.4

108 23.1 17.0 25.6

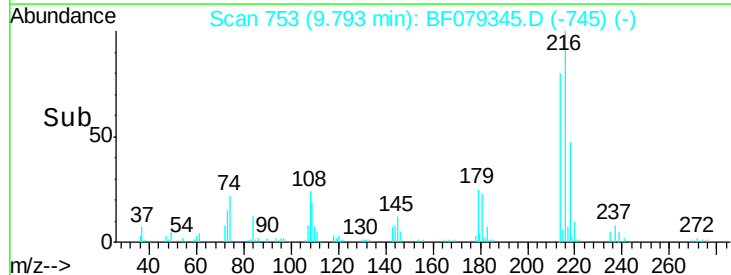
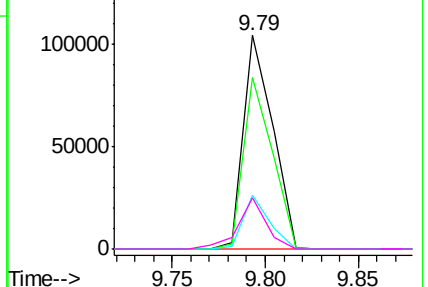


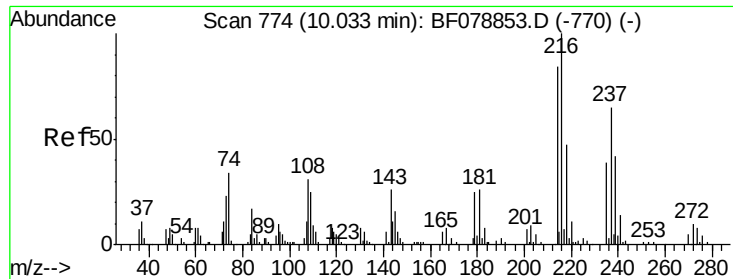
Abundance Ion 216.00 (215.70 to 216.70): E

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

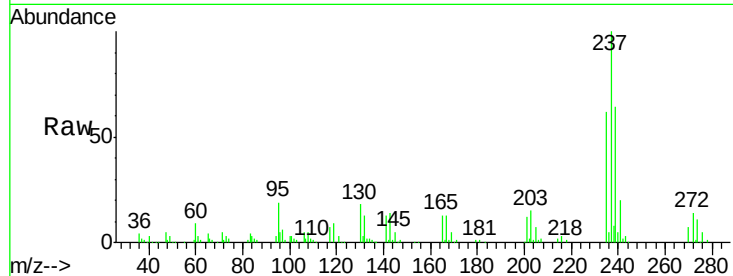




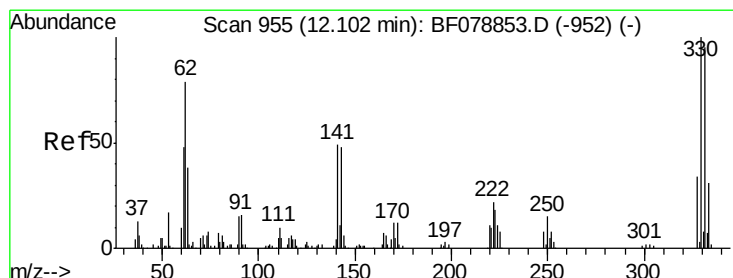
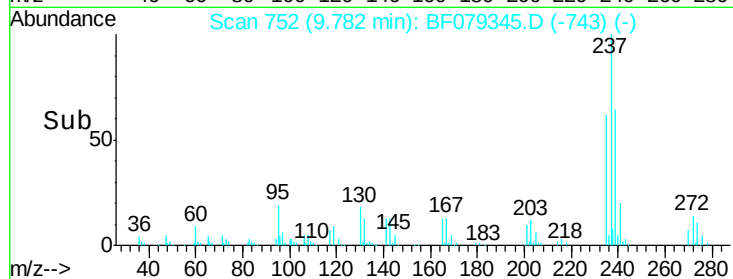
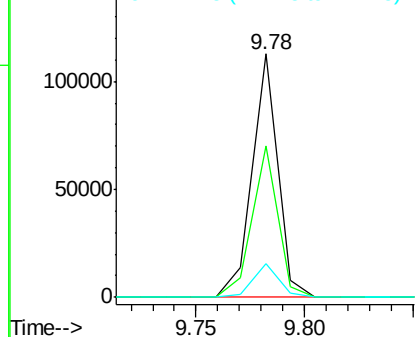
#40
Hexachlorocyclopentadiene
Concen: 69.43 ng
RT: 9.78 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

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

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

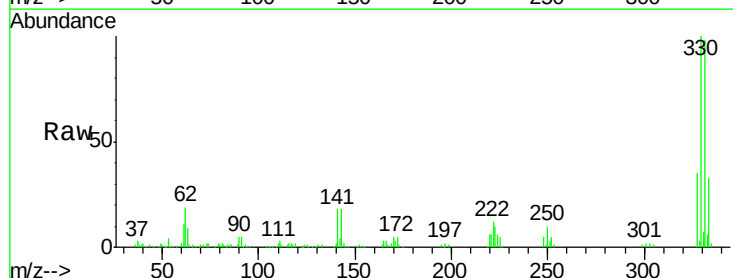


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

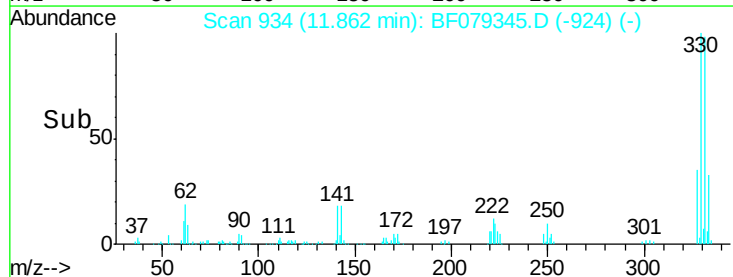
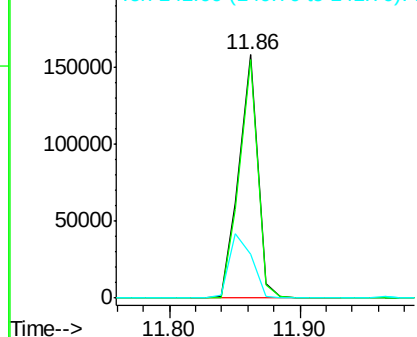


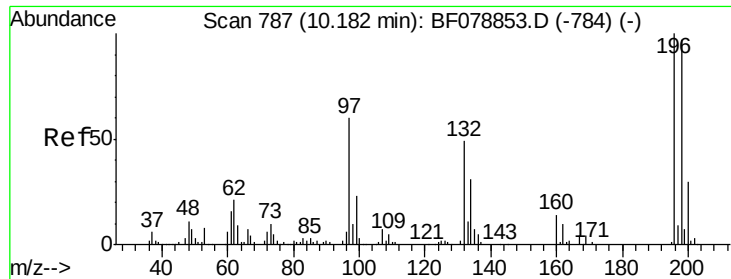
#41
2,4,6-Tribromophenol
Concen: 156.49 ng
RT: 11.86 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

Tgt Ion: 330 Resp: 159104
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

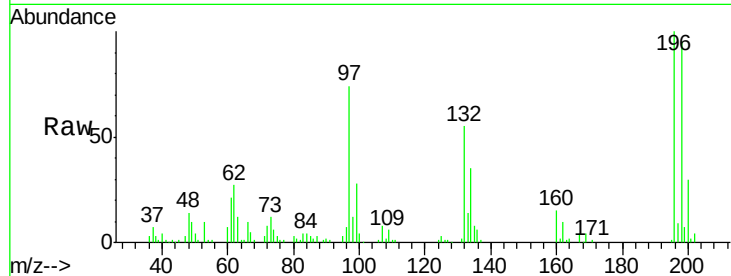




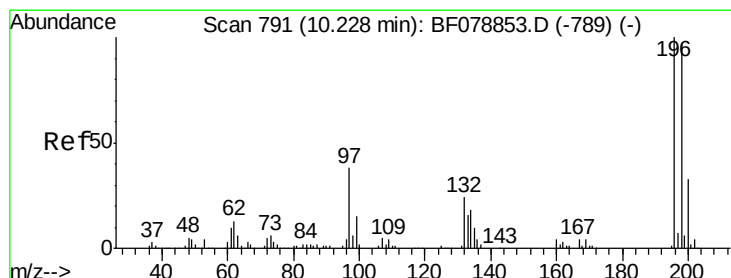
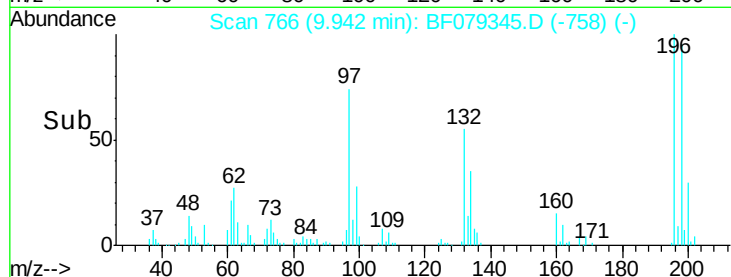
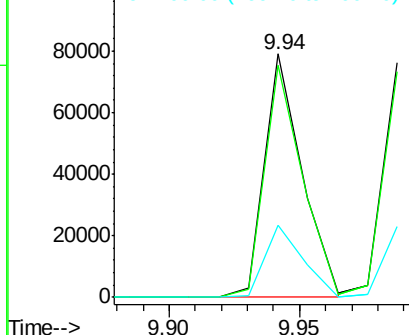
#42
 2,4,6-Trichlorophenol
 Concen: 43.54 ng
 RT: 9.94 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

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

Tgt Ion:196 Resp: 79226
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.4 116.2
 200 29.7 23.7 35.5

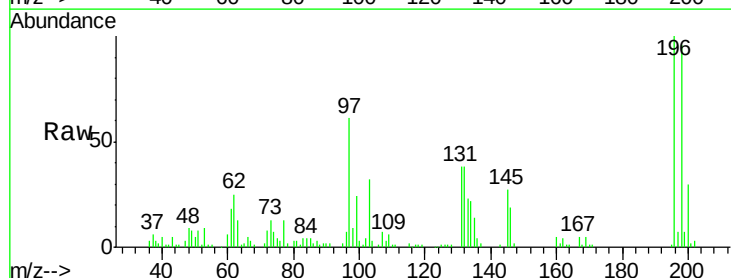


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

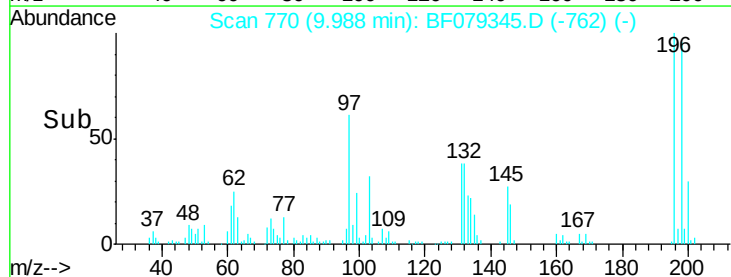
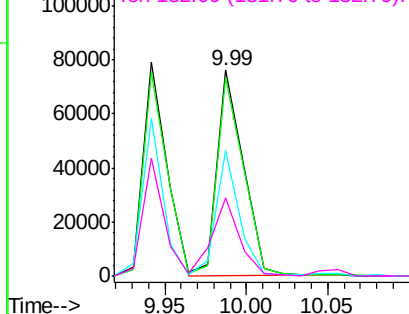


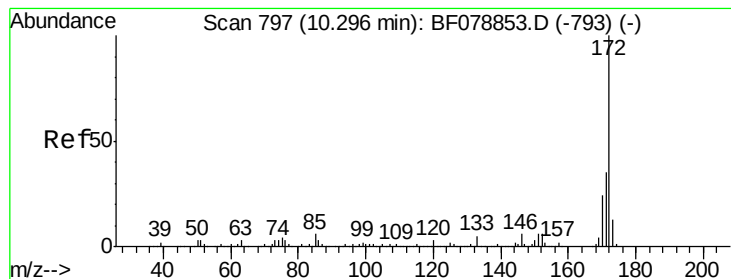
#43
 2,4,5-Trichlorophenol
 Concen: 45.59 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt 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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

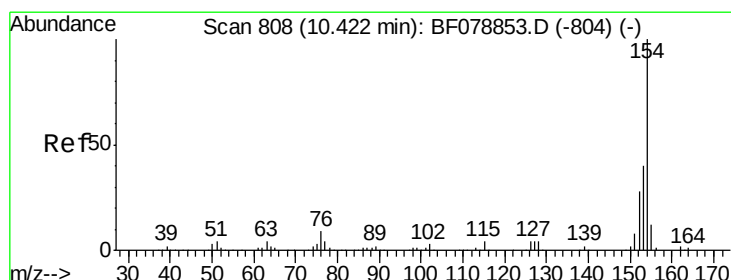
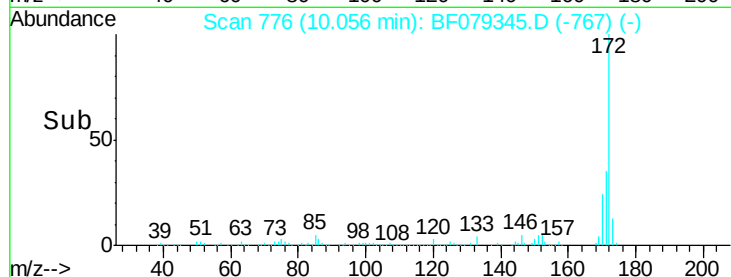
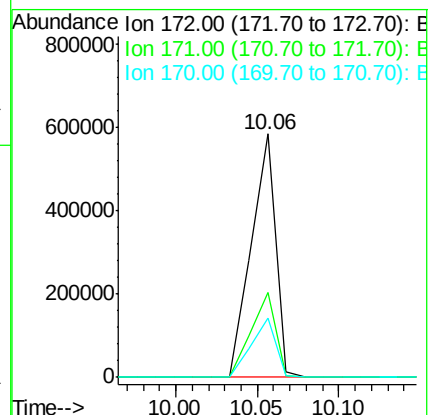
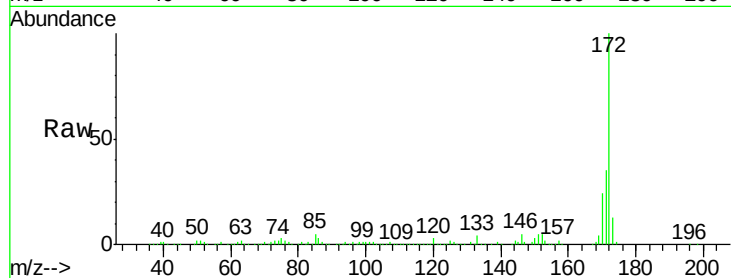
Tgt Ion:172 Resp: 604353

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 24.2 19.4 29.2



#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

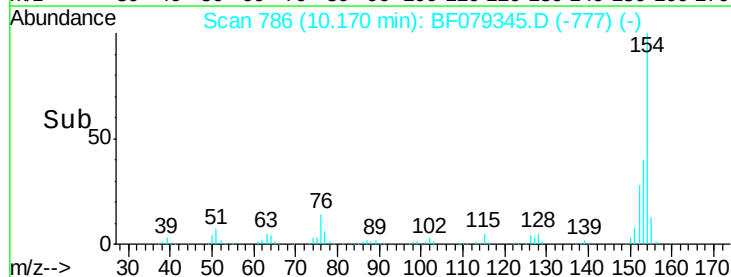
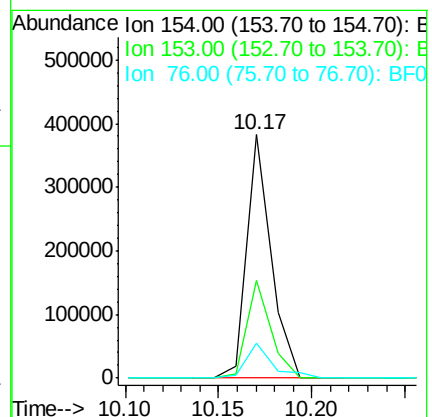
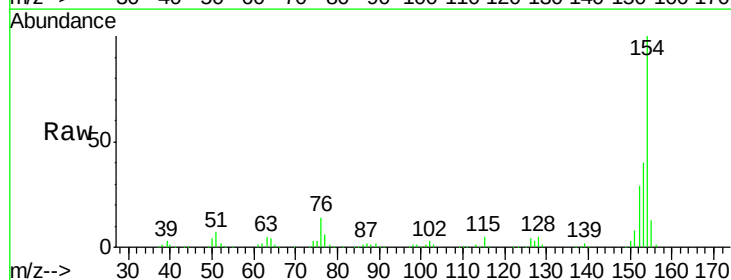
Tgt Ion:154 Resp: 346414

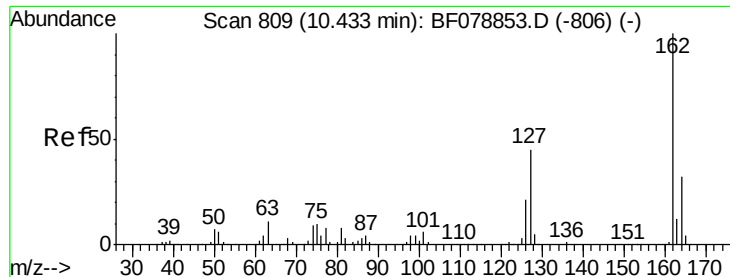
Ion Ratio Lower Upper

154 100

153 40.3 19.7 59.7

76 14.4 0.0 29.1

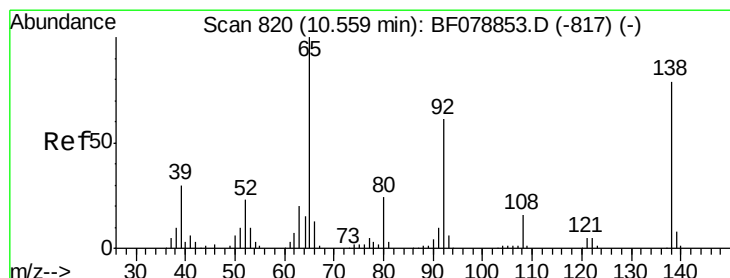
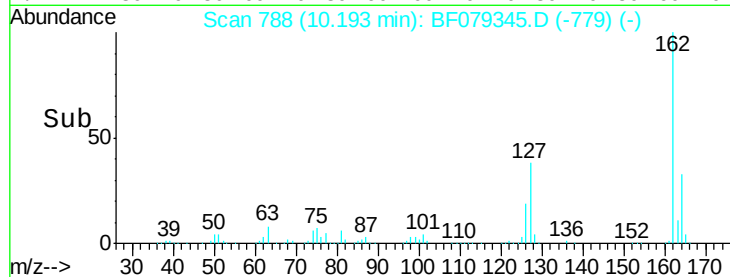
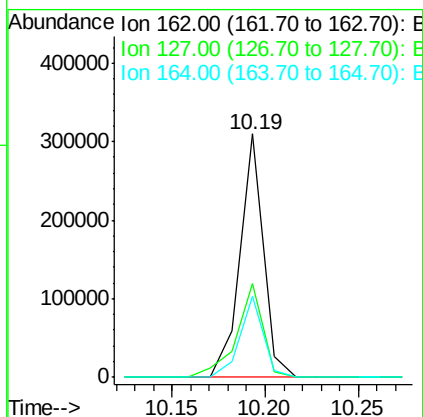
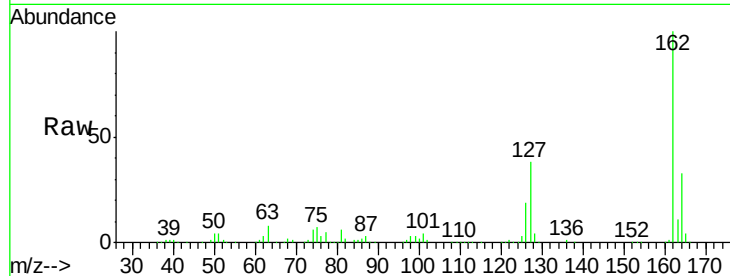




#46
 2-Chloronaphthalene
 Concen: 46.60 ng
 RT: 10.19 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

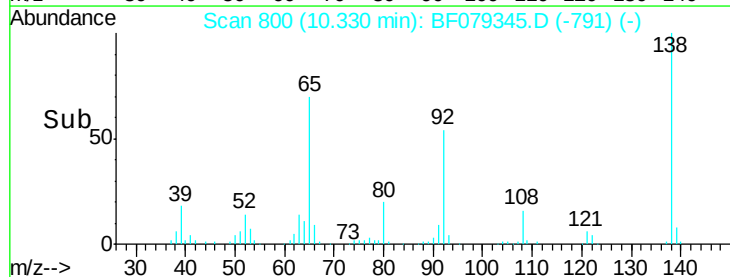
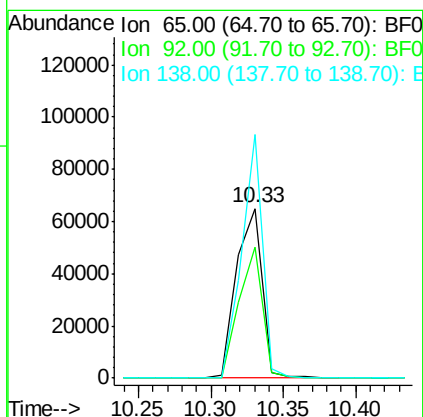
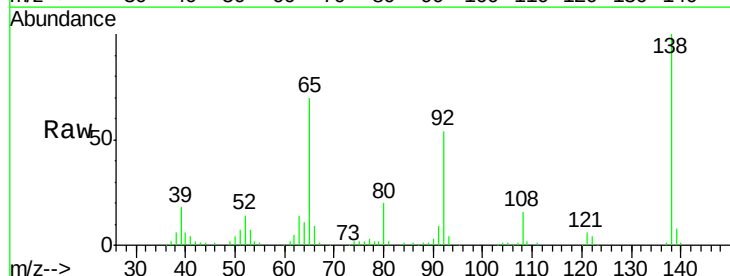
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

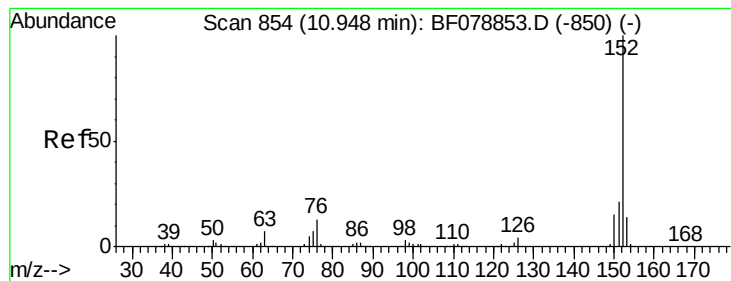
Tgt Ion: 162 Resp: 271588
 Ion Ratio Lower Upper
 162 100
 127 38.4 36.3 54.5
 164 33.1 25.9 38.9



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

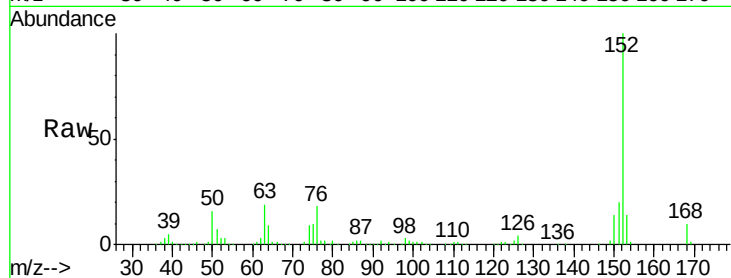
Tgt Ion:152 Resp: 441572

Ion Ratio Lower Upper

152 100

151 20.1 16.6 24.8

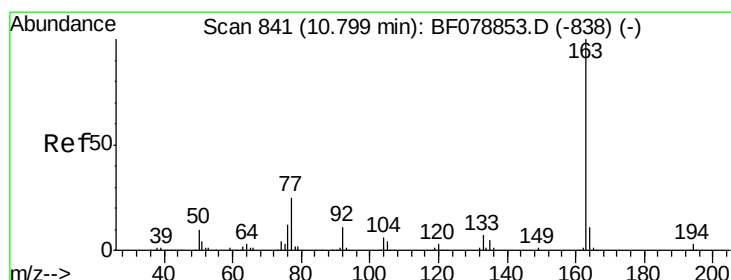
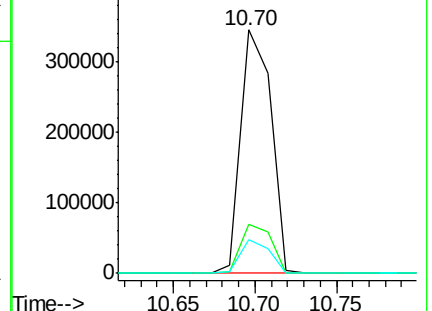
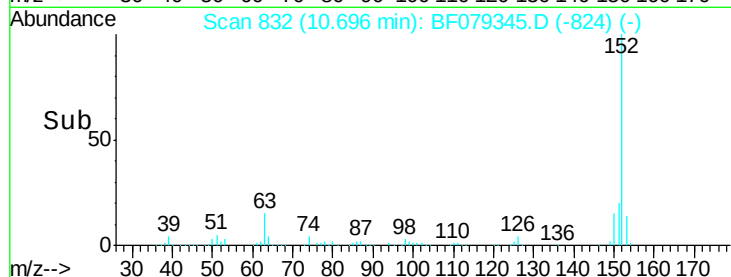
153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 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

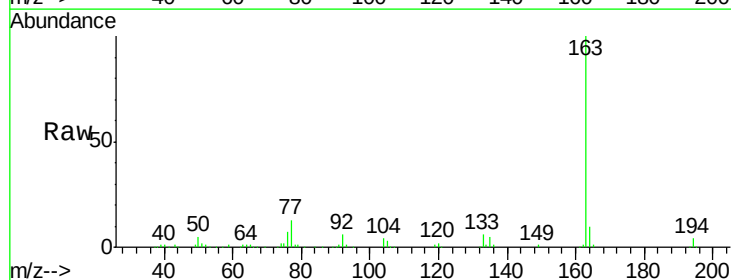
Tgt Ion:163 Resp: 329655

Ion Ratio Lower Upper

163 100

194 3.6 2.4 3.6

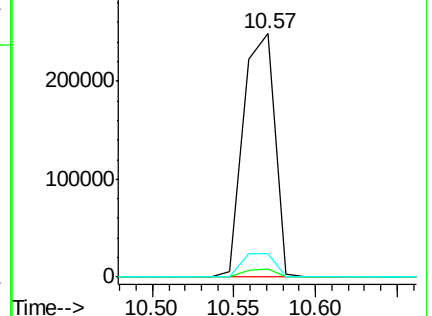
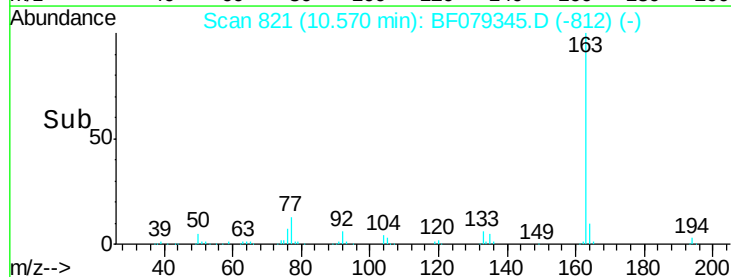
164 9.8 8.6 12.8

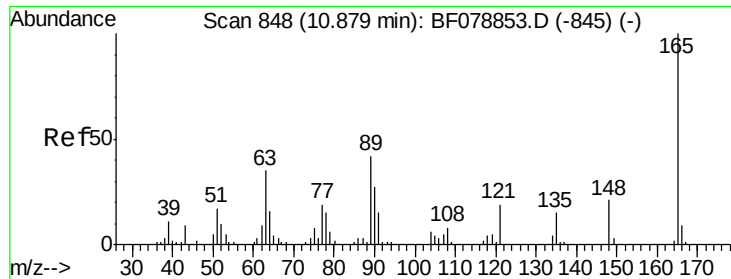


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

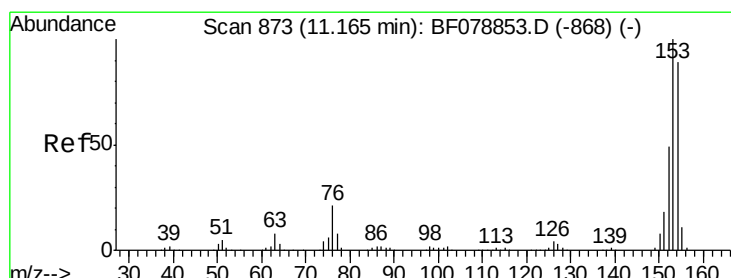
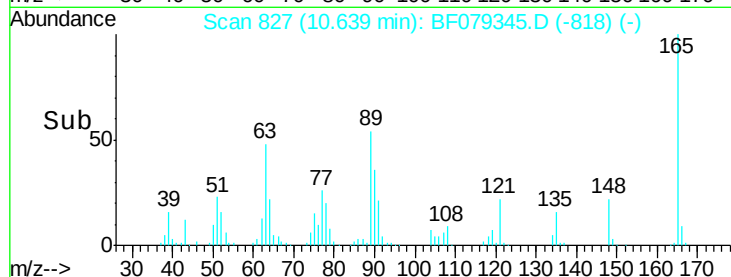
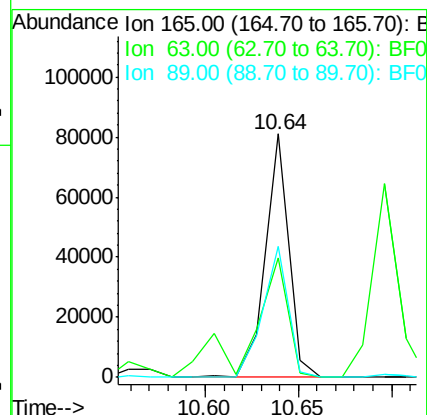
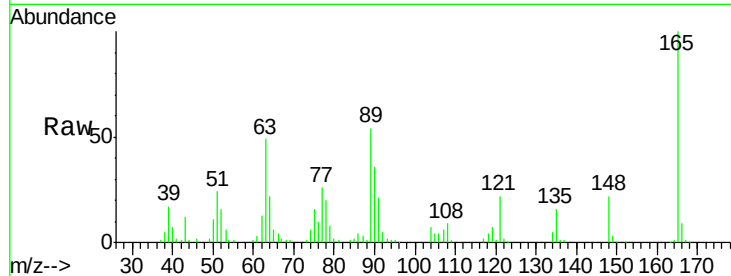




#50
 2,6-Dinitrotoluene
 Concen: 51.02 ng
 RT: 10.64 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

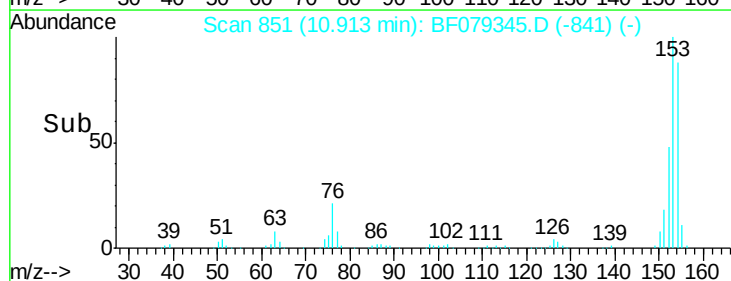
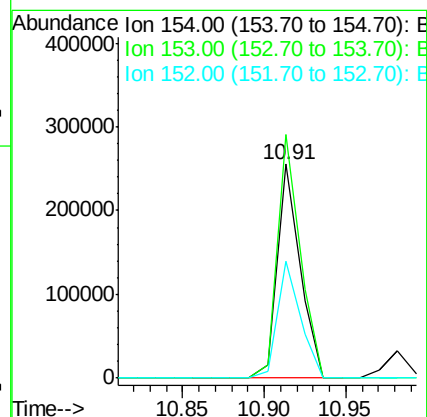
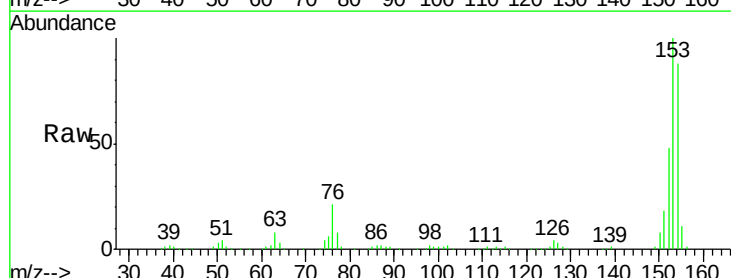
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

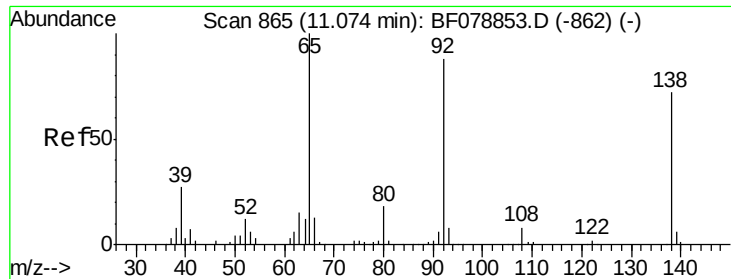
Tgt Ion:165 Resp: 69451
 Ion Ratio Lower Upper
 165 100
 63 49.2 29.2 43.8#
 89 54.0 33.3 49.9#



#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

Tgt Ion:154 Resp: 249971
 Ion Ratio Lower Upper
 154 100
 153 113.8 90.2 135.2
 152 54.6 43.8 65.8

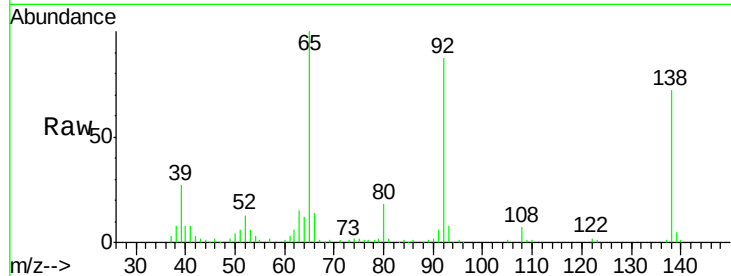




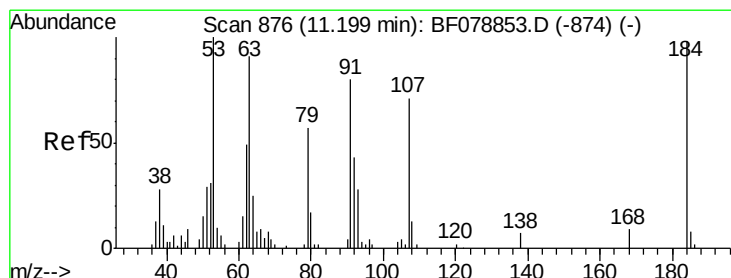
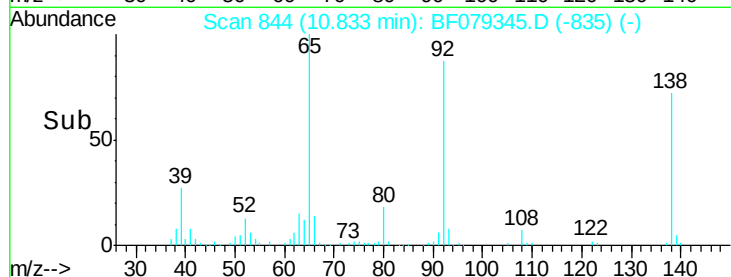
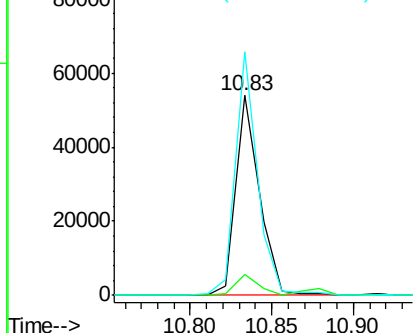
#52
 3-Nitroaniline
 Concen: 31.48 ng
 RT: 10.83 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

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

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

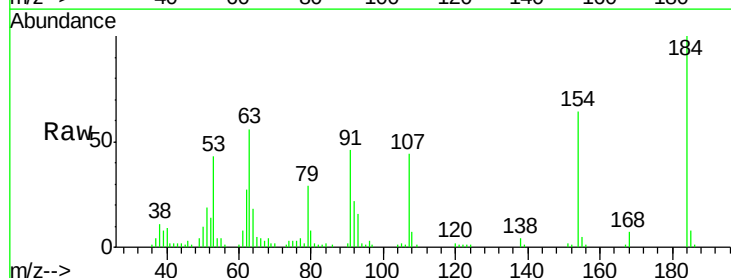


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): E

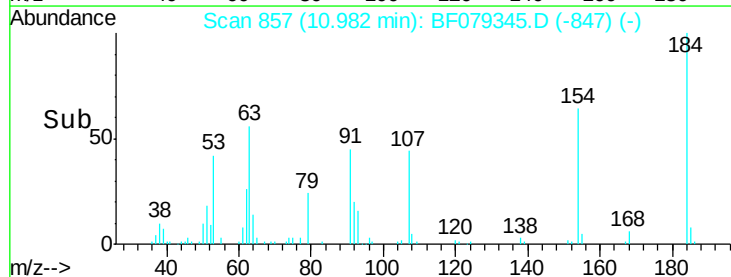
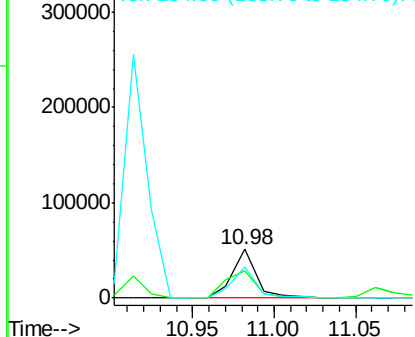


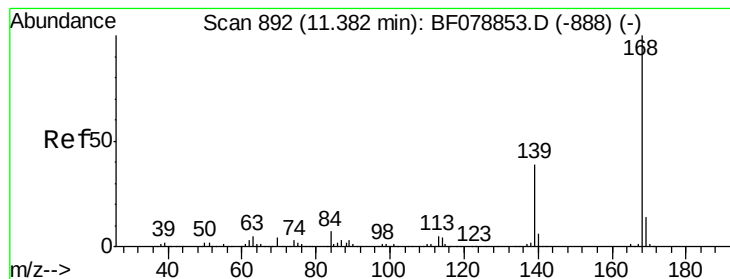
#53
 2,4-Dinitrophenol
 Concen: 86.52 ng
 RT: 10.98 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

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



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





#54

Dibenzenofuran

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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

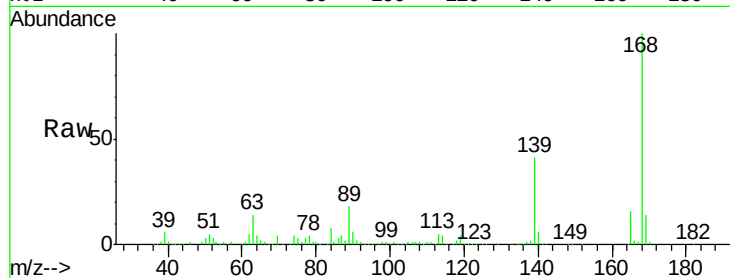
Tgt Ion:168 Resp: 386072

Ion Ratio Lower Upper

168 100

139 40.9 31.5 47.3

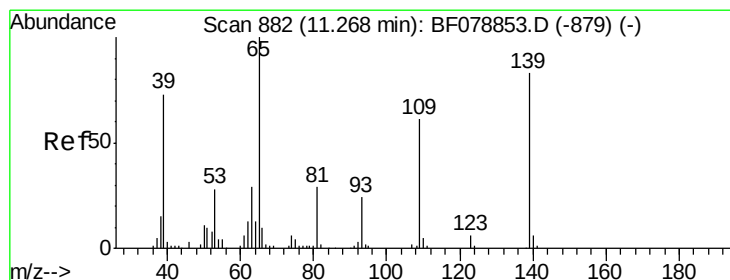
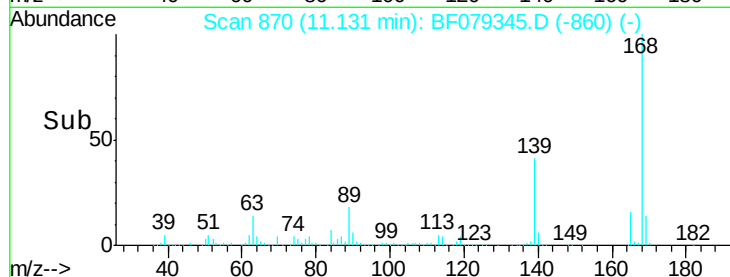
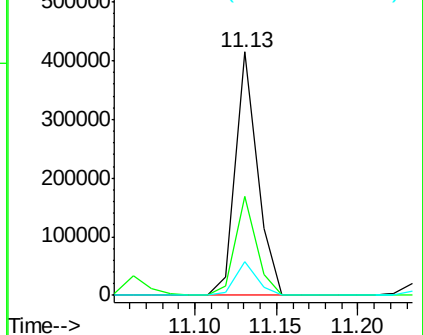
169 13.6 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 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

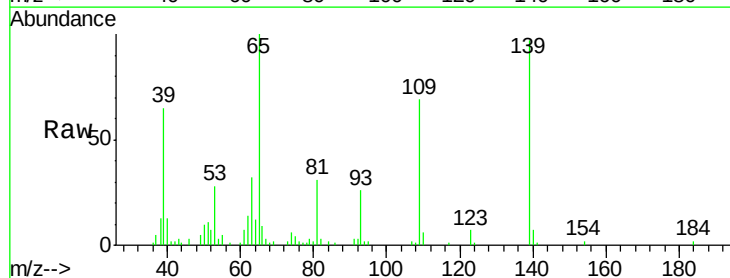
Tgt Ion:139 Resp: 36682

Ion Ratio Lower Upper

139 100

109 71.1 54.4 94.4

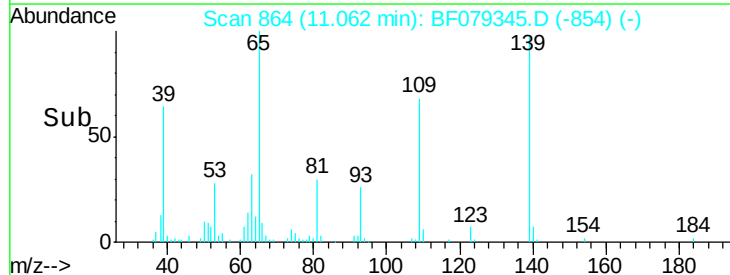
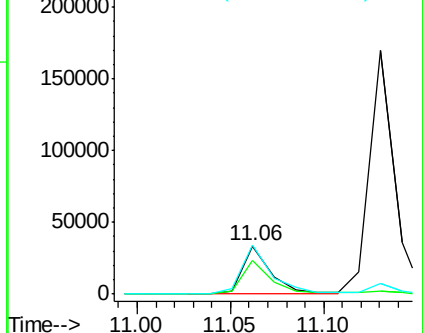
65 102.7 101.0 141.0

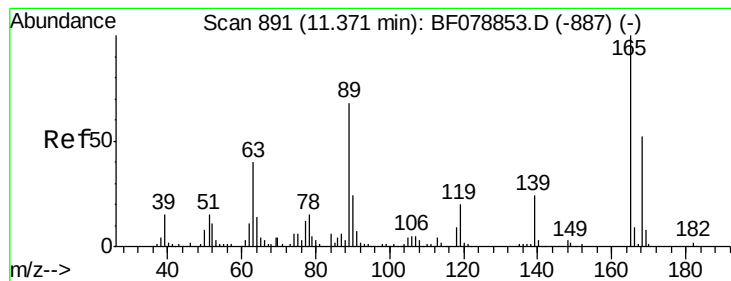


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

Tgt Ion:165 Resp: 87673

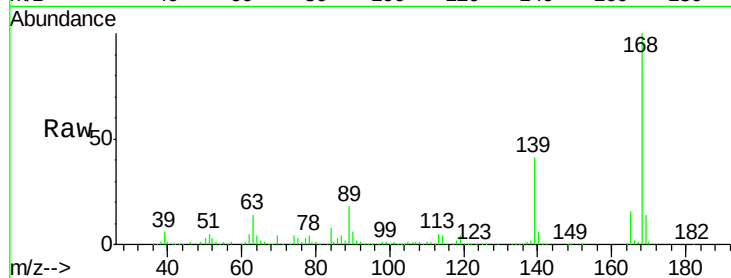
Ion Ratio Lower Upper

165 100

63 86.3 32.3 48.5#

89 112.6 54.6 81.8#

182 1.9 1.8 2.6

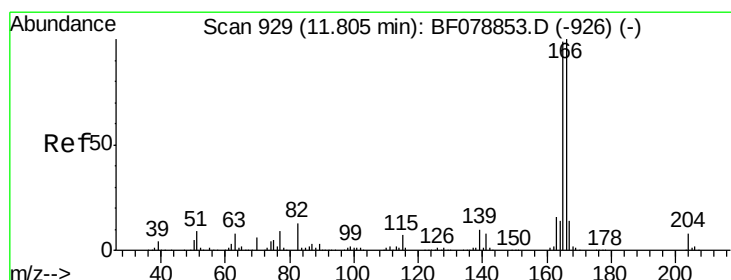
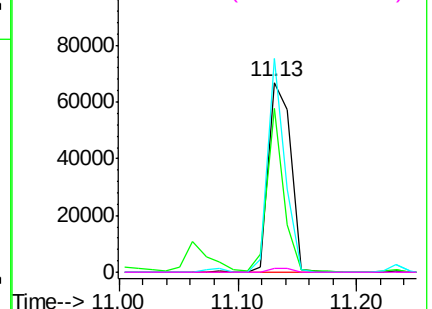
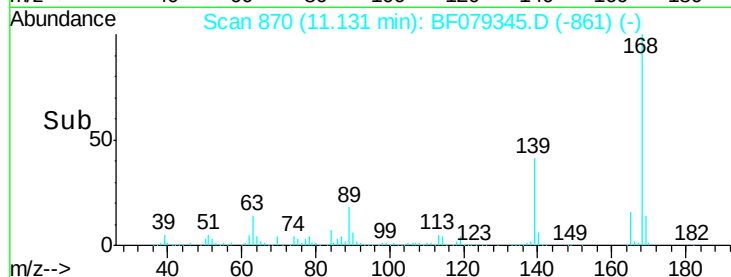


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 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

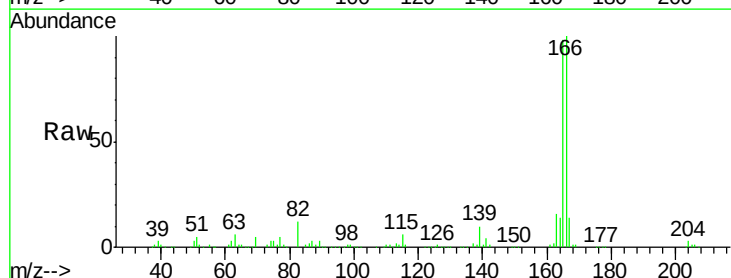
Tgt Ion:166 Resp: 316659

Ion Ratio Lower Upper

166 100

165 97.7 79.5 119.3

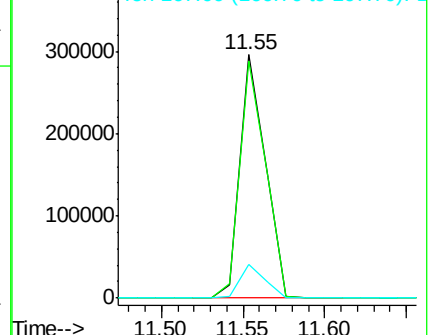
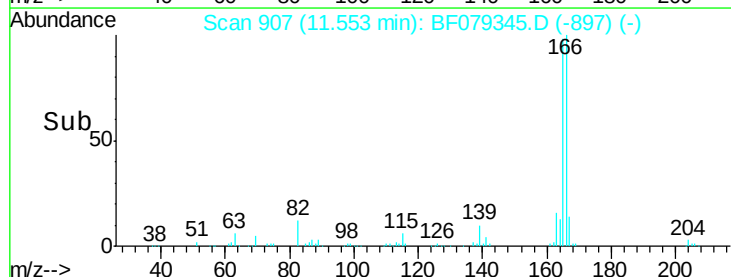
167 13.7 11.0 16.6

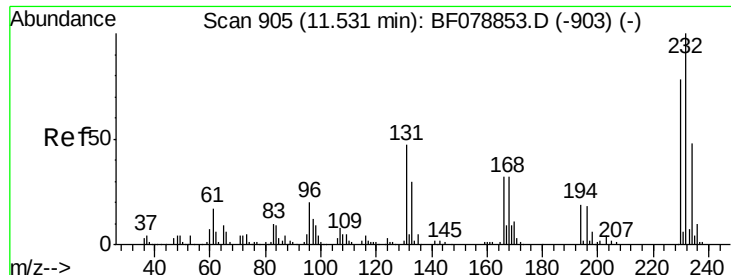


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

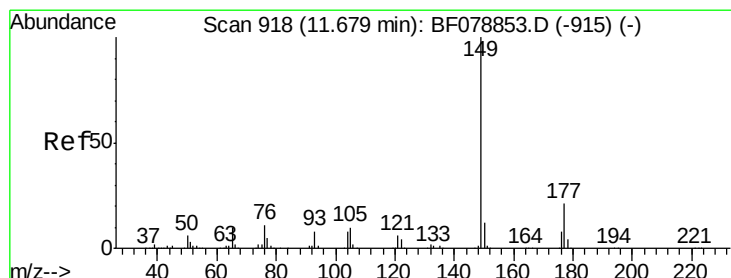
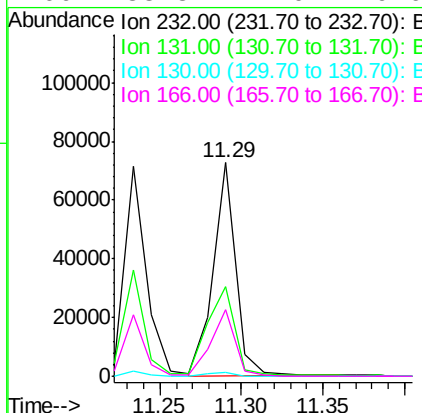
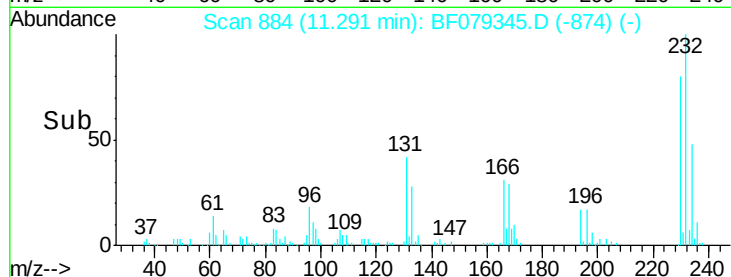
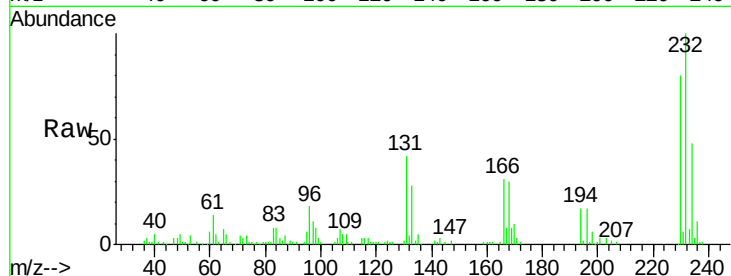




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.47 ng
 RT: 11.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

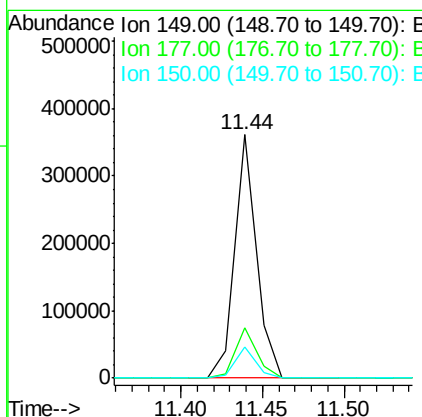
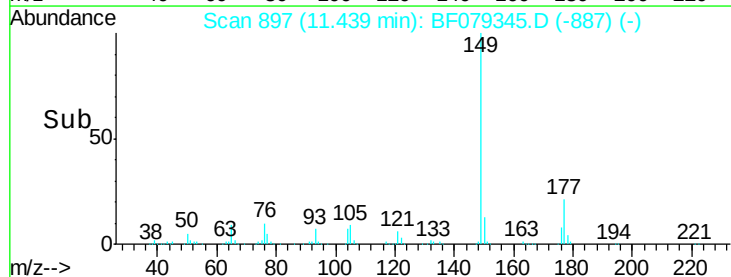
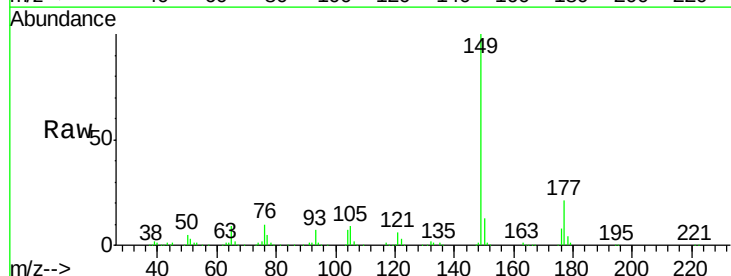
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

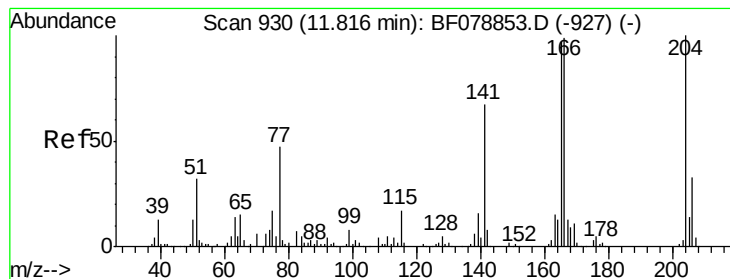
Tgt Ion:	232	Resp:	69860
Ion	Ratio	Lower	Upper
232	100		
131	50.6	41.9	62.9
130	2.3	1.9	2.9
166	33.3	27.0	40.6



#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

Tgt Ion:	149	Resp:	330743
Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.4	24.6
150	12.8	9.8	14.6





#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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

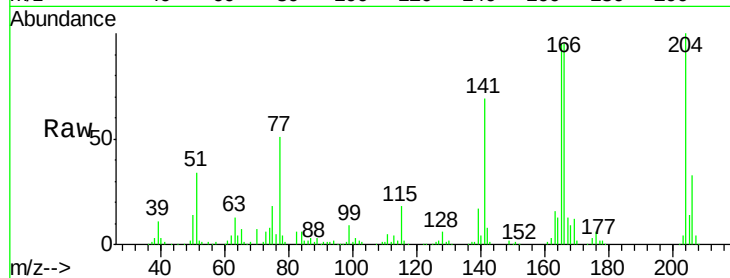
Tgt Ion:204 Resp: 142693

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.4

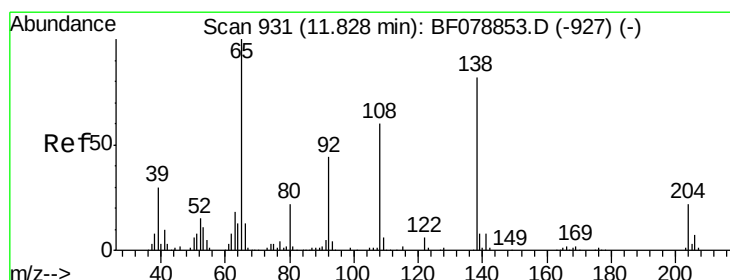
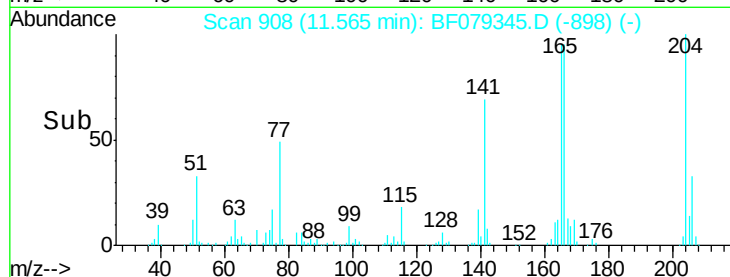
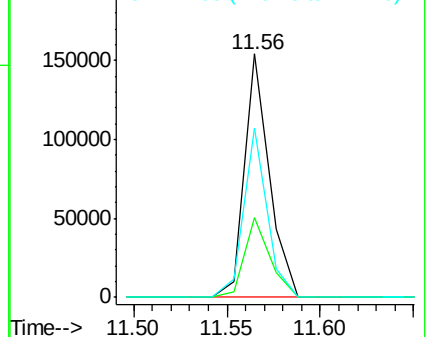
141 69.4 53.6 80.4



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

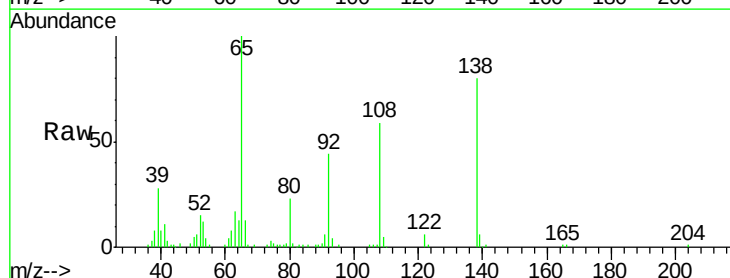
Tgt Ion:138 Resp: 70235

Ion Ratio Lower Upper

138 100

92 55.1 33.7 73.7

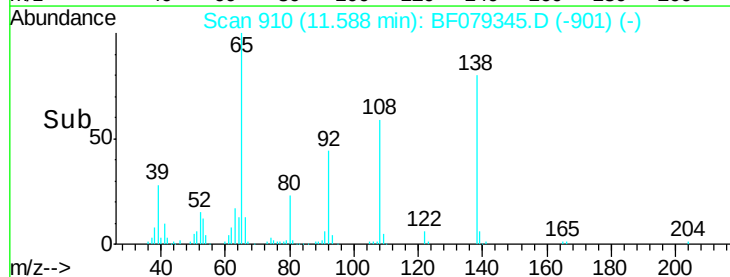
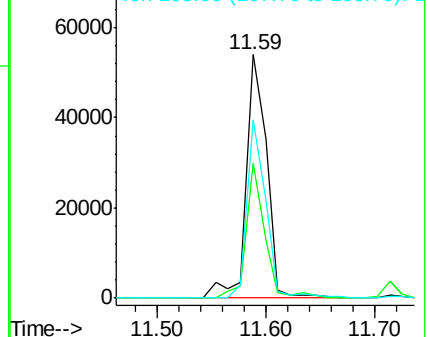
108 73.1 53.4 93.4

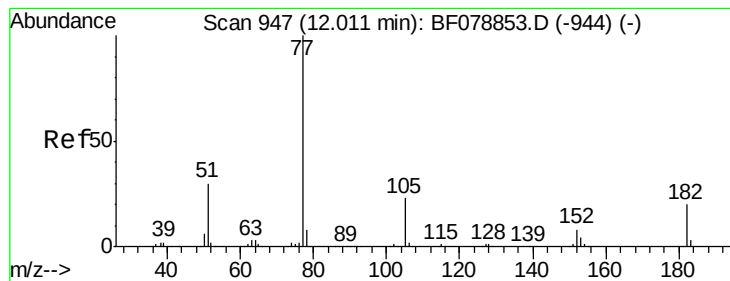


Abundance Ion 138.00 (137.70 to 138.70): E

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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

Tgt Ion: 77 Resp: 312770

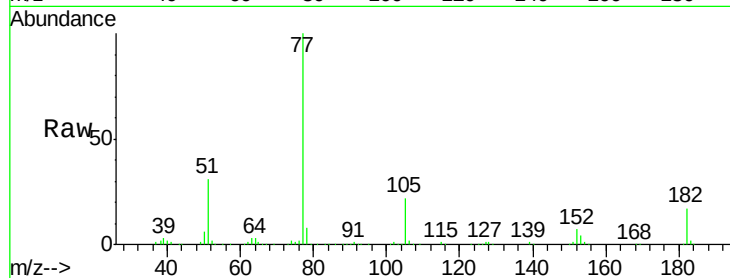
Ion Ratio Lower Upper

77 100

182 17.2 0.0 40.0

105 22.3 2.9 42.9

51 31.0 10.0 50.0

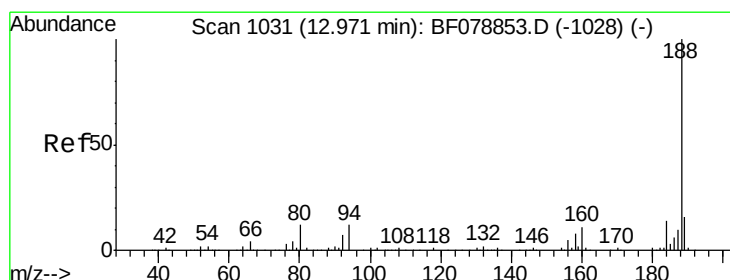
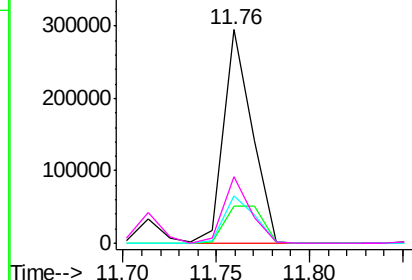
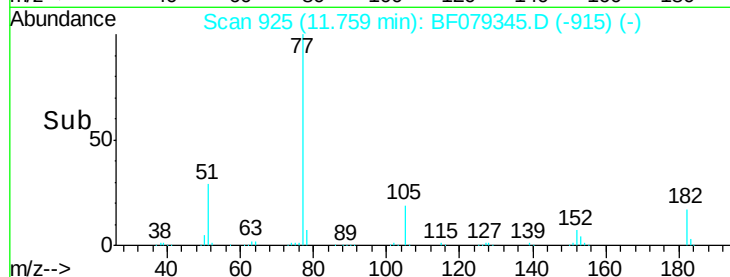


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

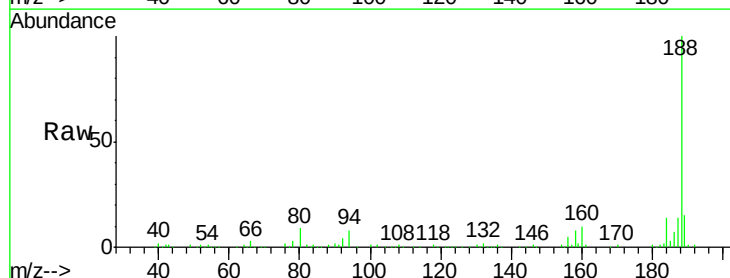
Tgt Ion: 188 Resp: 181266

Ion Ratio Lower Upper

188 100

94 8.4 9.4 14.0#

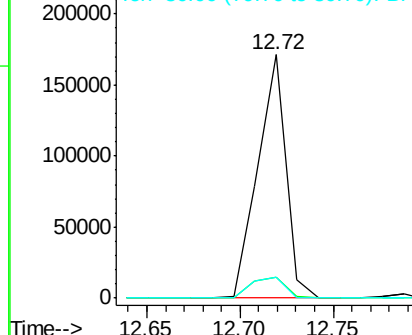
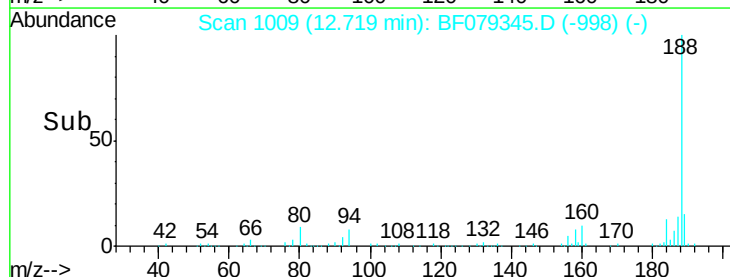
80 8.8 9.8 14.6#

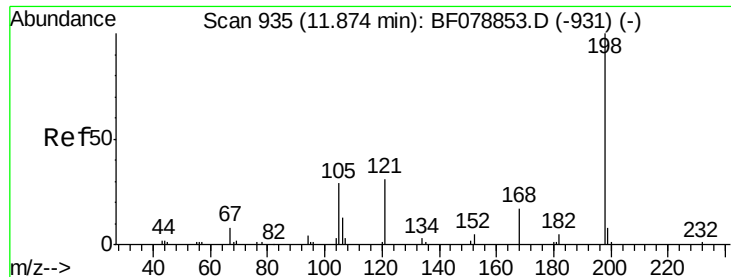


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

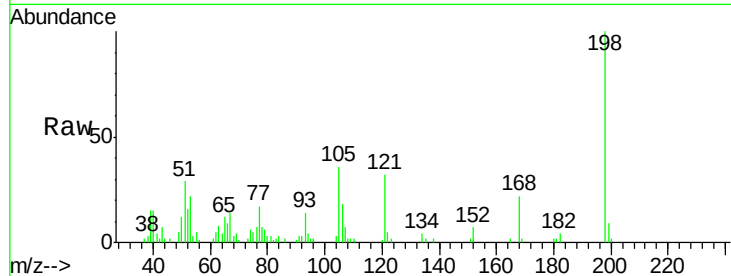




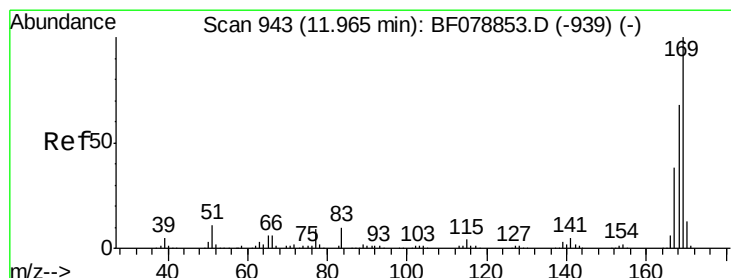
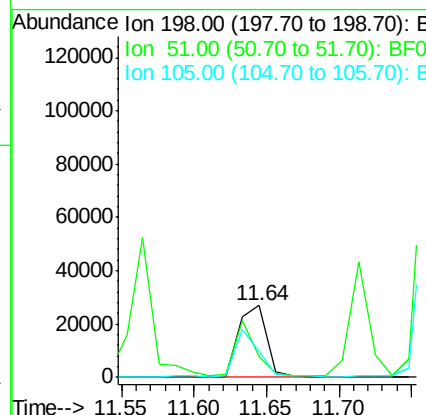
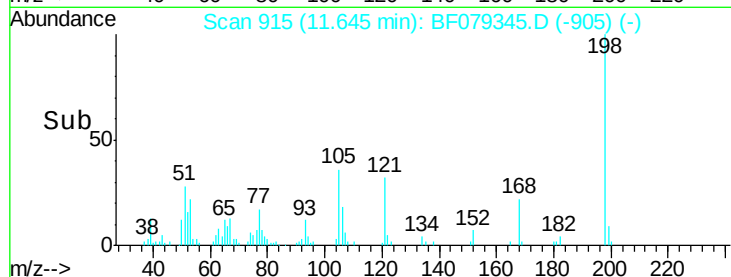
#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.33 ng
 RT: 11.64 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

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

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

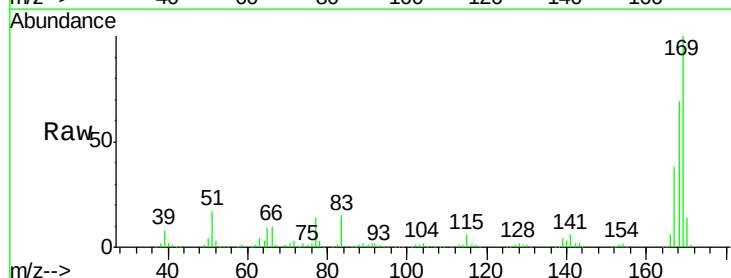


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

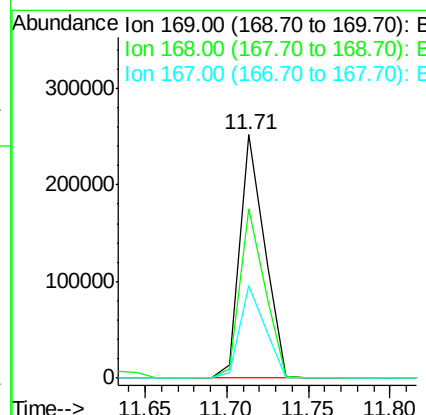
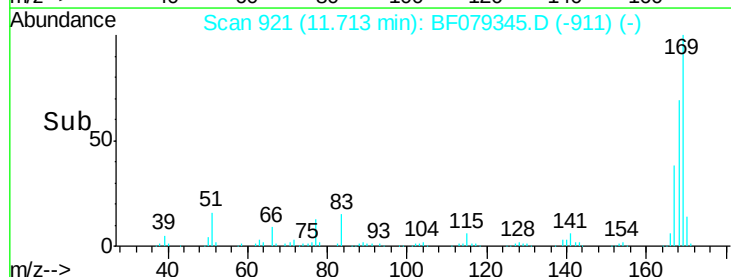


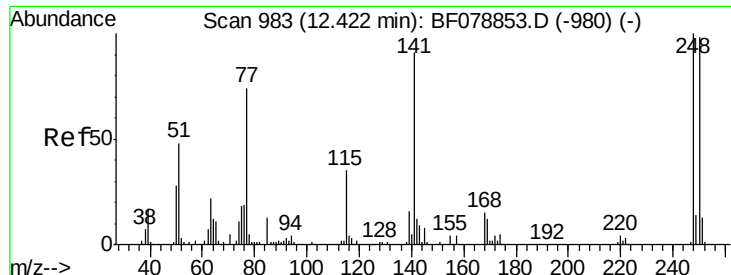
#65
 n-Nitrosodiphenylamine
 Concen: 43.51 ng
 RT: 11.71 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

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



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

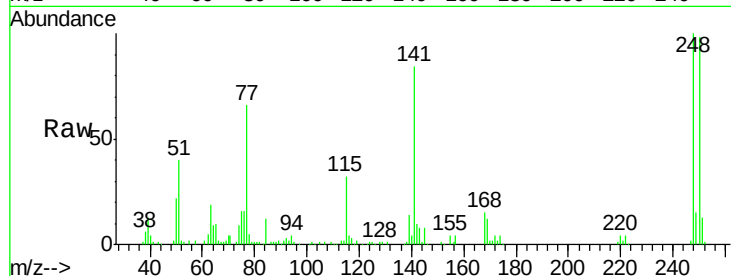




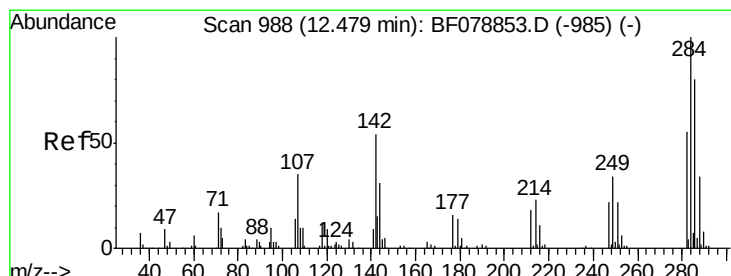
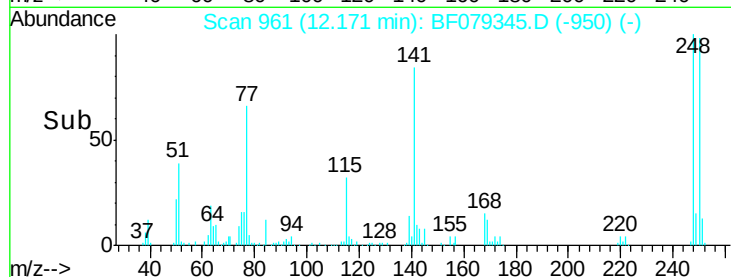
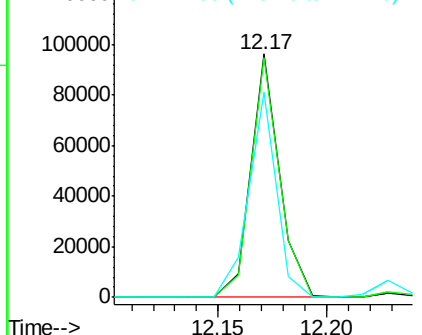
#66
 4-Bromophenyl-phenylether
 Concen: 46.52 ng
 RT: 12.17 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

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

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

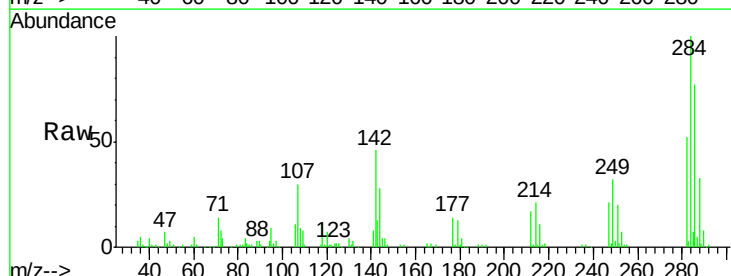


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

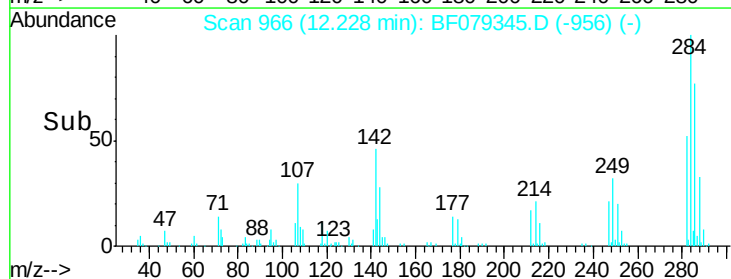
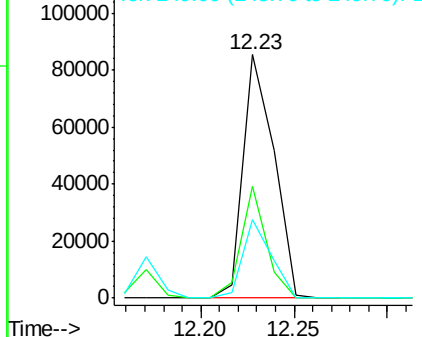


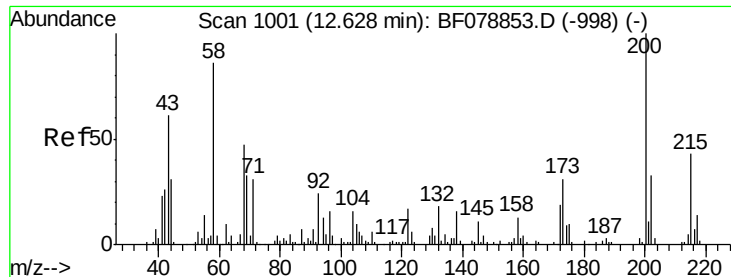
#67
 Hexachlorobenzene
 Concen: 45.31 ng
 RT: 12.23 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

Tgt 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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

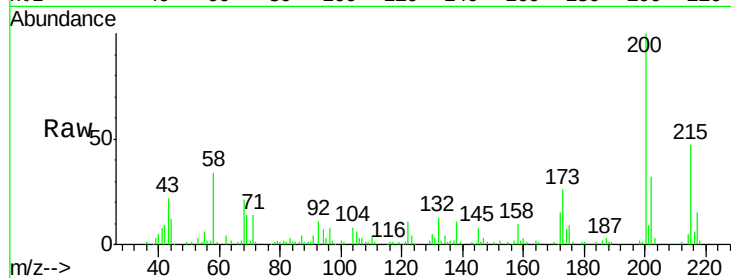
Tgt Ion:200 Resp: 84868

Ion Ratio Lower Upper

200 100

173 25.8 10.9 50.9

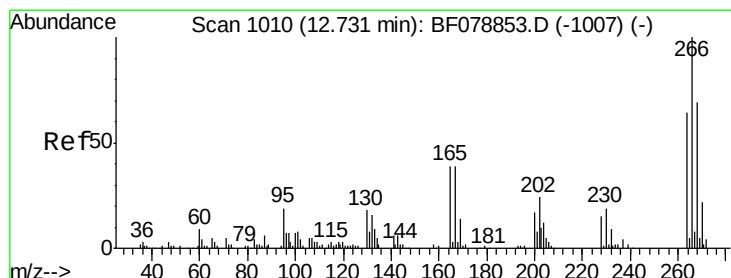
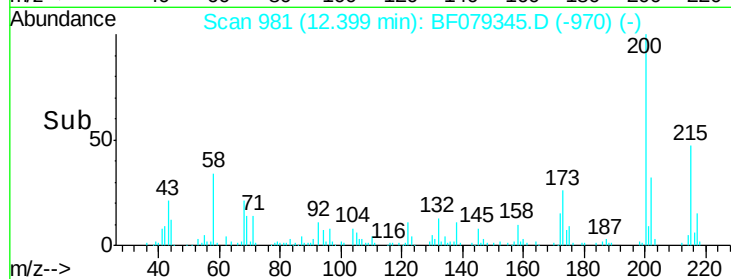
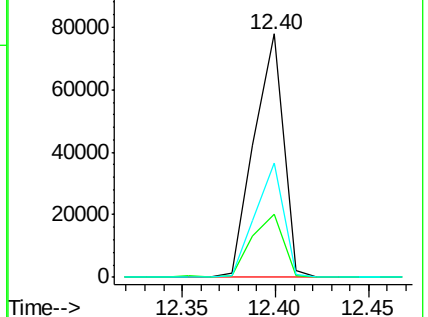
215 47.1 23.2 63.2



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

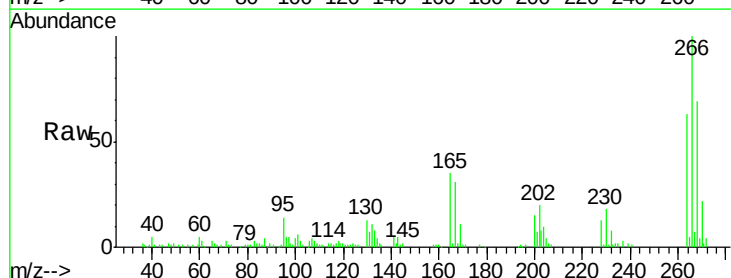
Tgt Ion:266 Resp: 98307

Ion Ratio Lower Upper

266 100

268 68.9 55.0 82.6

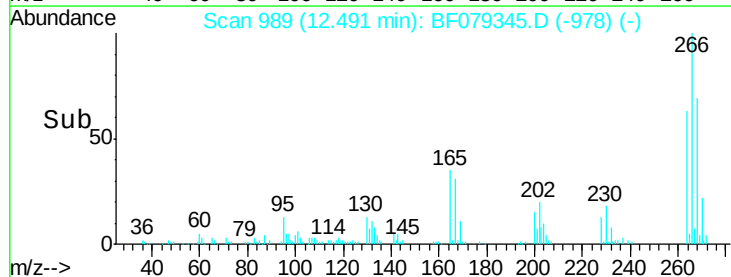
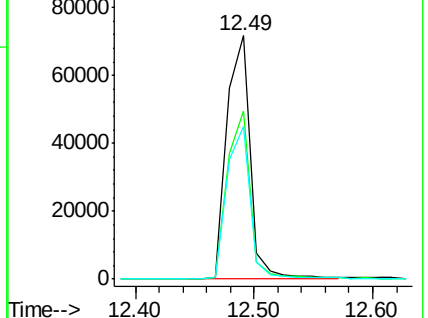
264 62.6 50.9 76.3

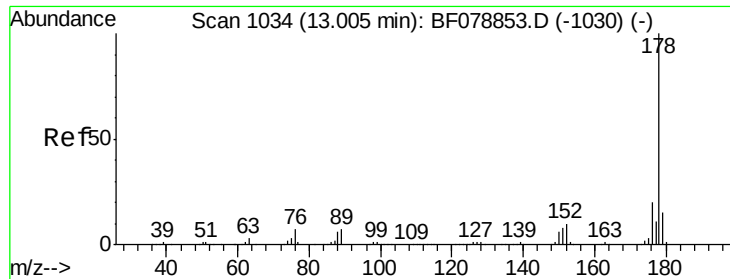


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

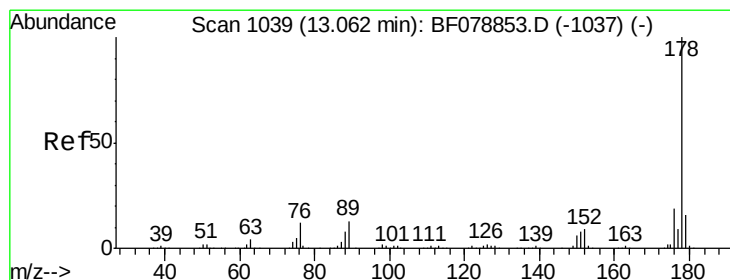
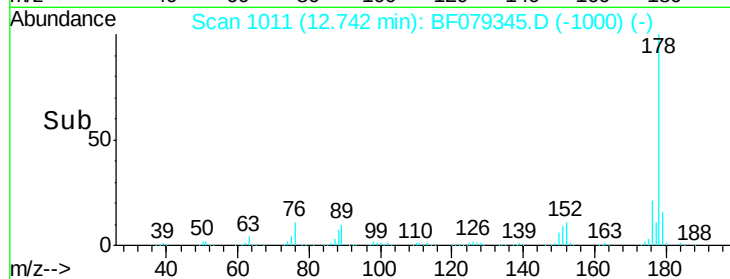
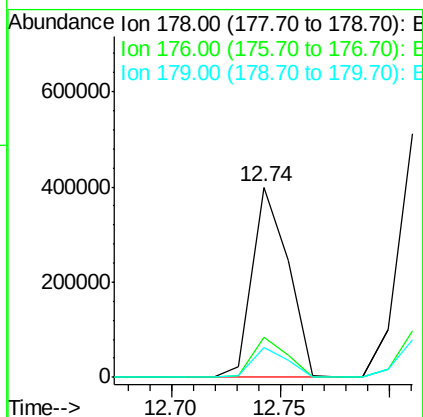
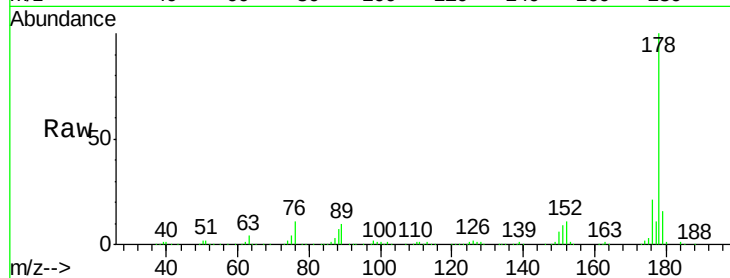




#70
 Phenanthrene
 Concen: 45.47 ng
 RT: 12.74 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

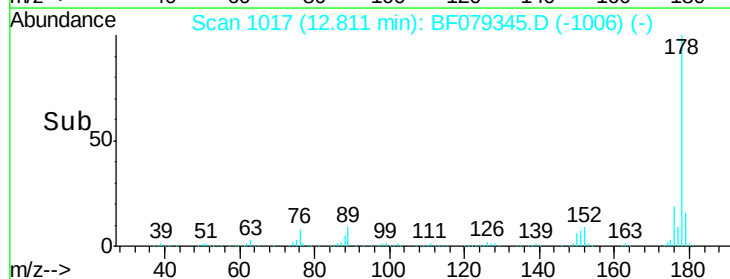
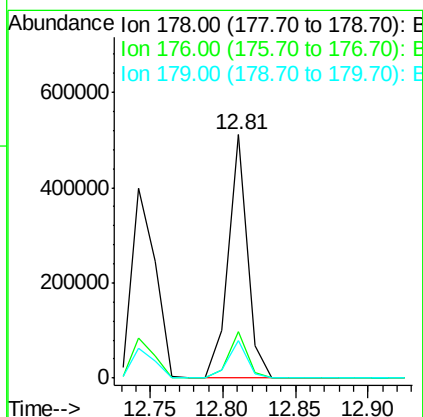
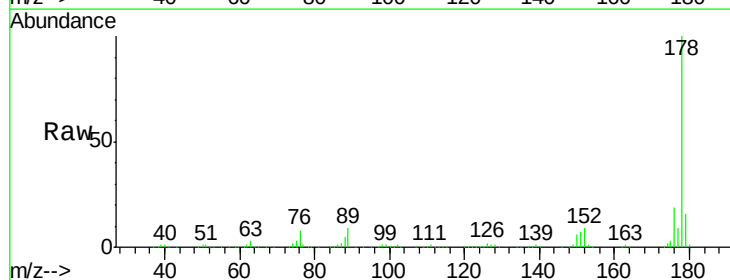
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

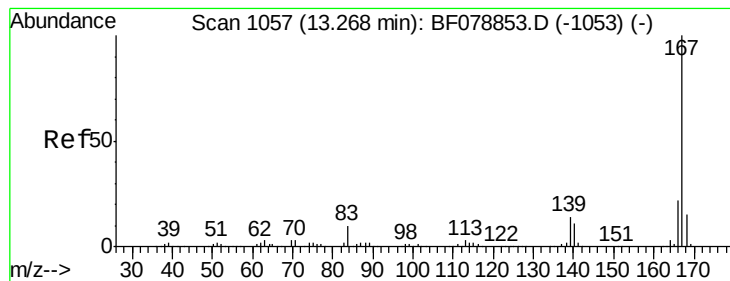
Tgt Ion:178 Resp: 461122
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.9 23.9
 179 15.7 12.2 18.4



#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

Tgt Ion:178 Resp: 470245
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.6 12.6 19.0





#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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

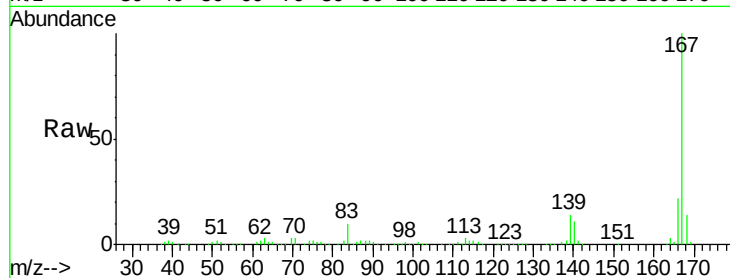
Tgt Ion:167 Resp: 444467

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

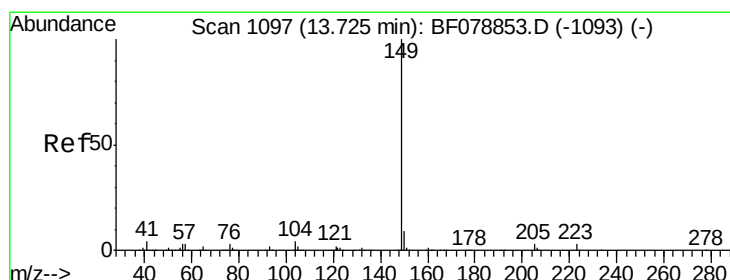
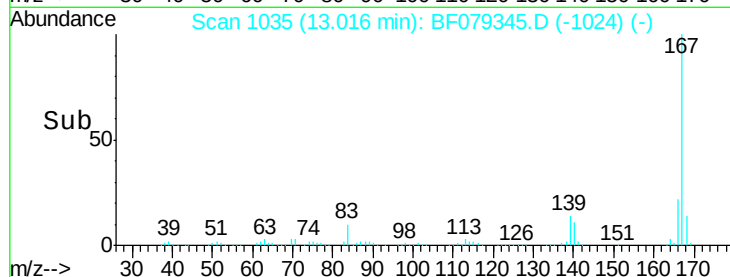
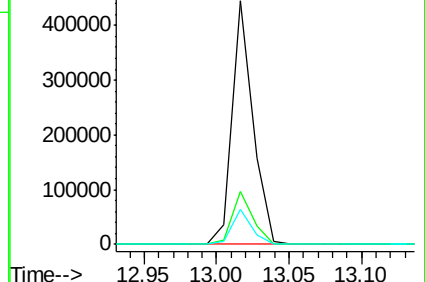
139 14.2 11.0 16.4



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

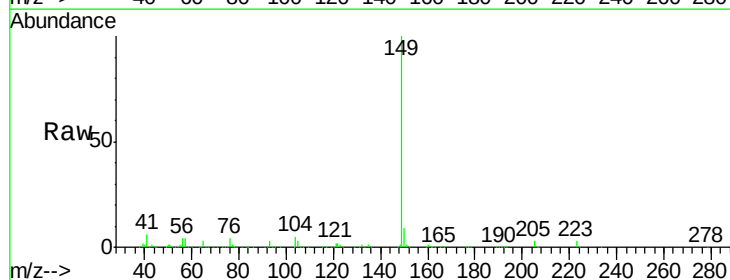
Tgt Ion:149 Resp: 561663

Ion Ratio Lower Upper

149 100

150 9.4 7.0 10.4

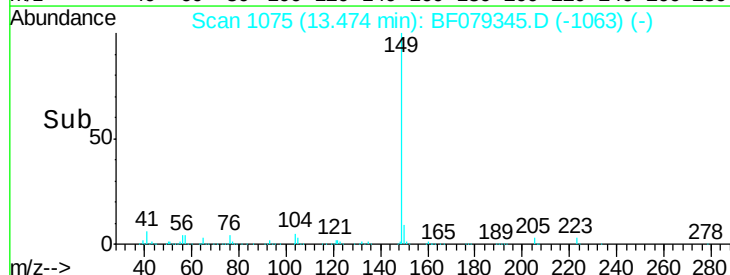
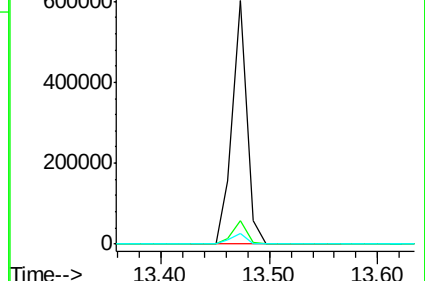
104 4.5 3.3 4.9

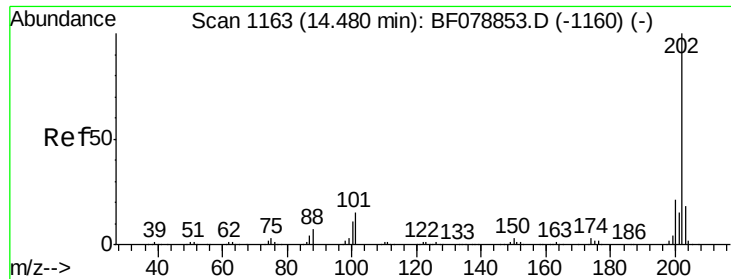


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

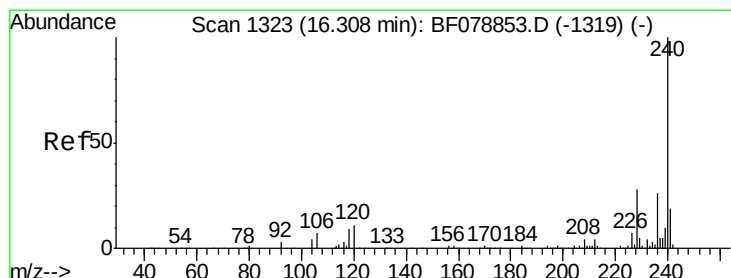
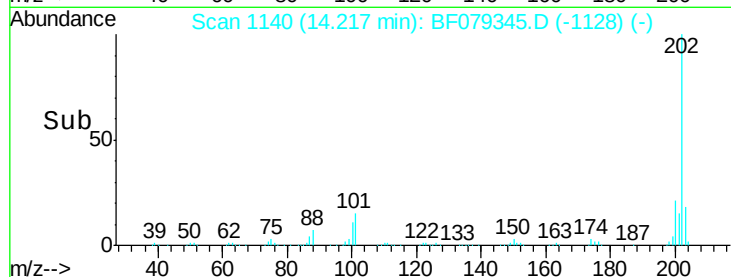
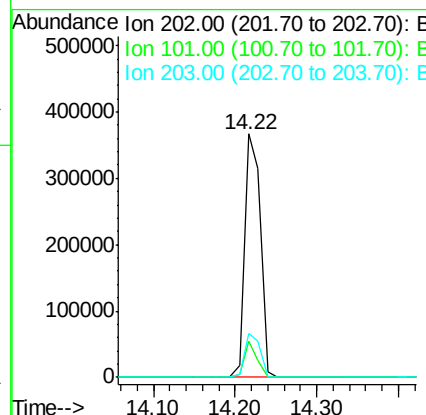
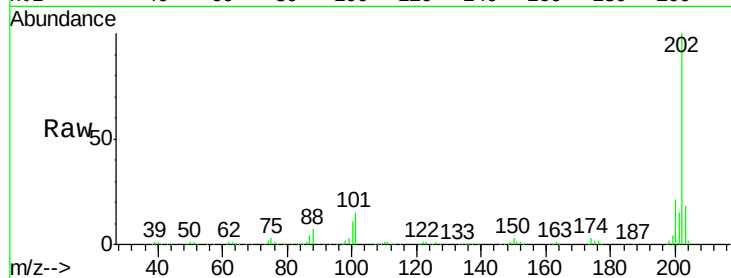




#74
 Fluoranthene
 Concen: 46.50 ng
 RT: 14.22 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

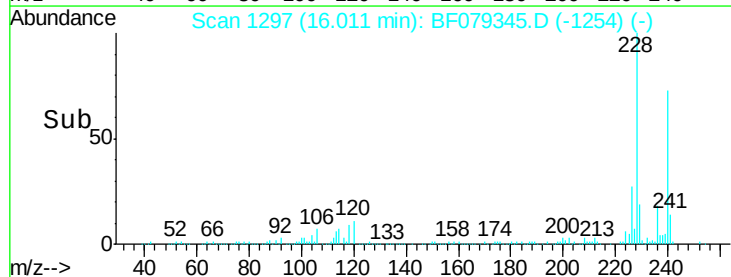
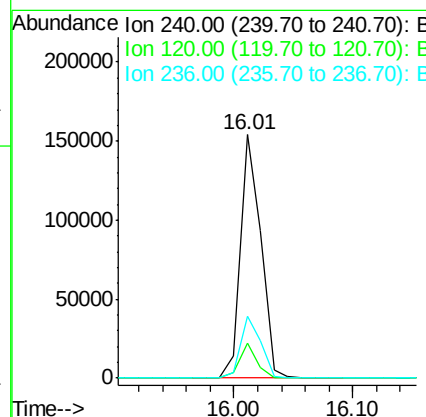
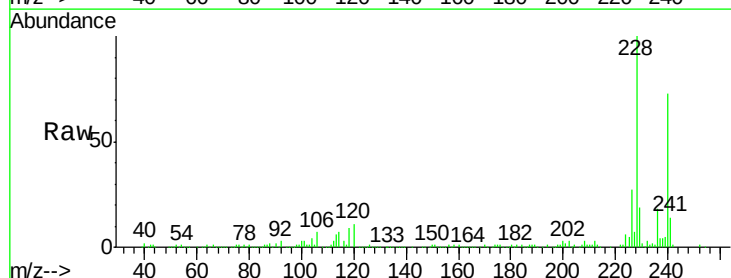
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

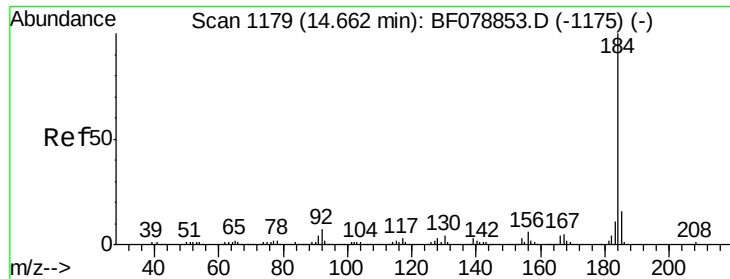
Tgt Ion:	202	Resp:	491305
Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	34.7
203	18.1	0.0	37.9



#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

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

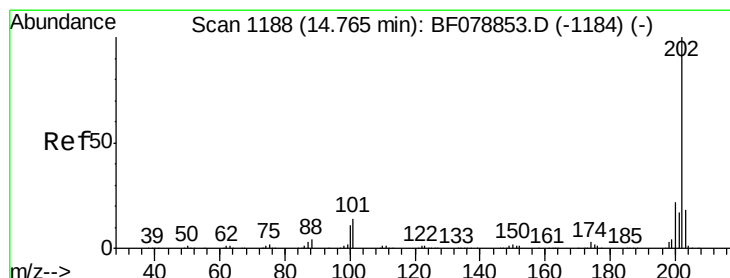
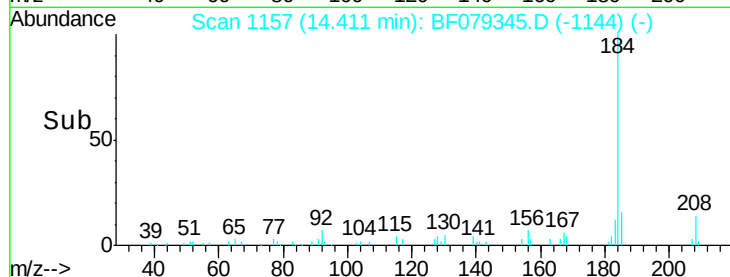
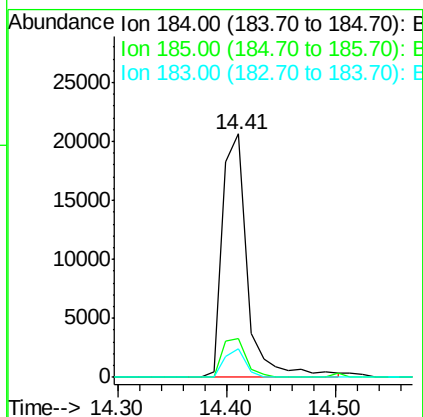
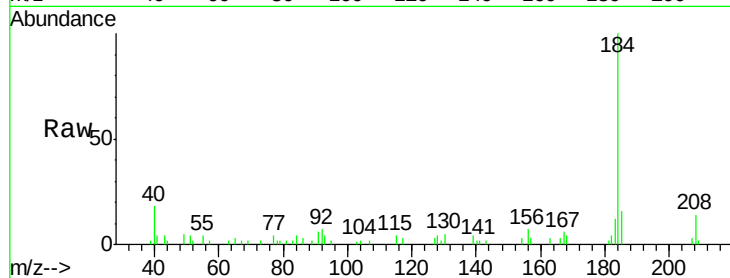




#76
Benzidine
Concen: 6.61 ng
RT: 14.41 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

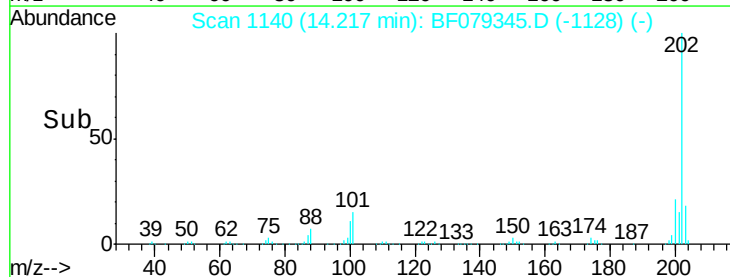
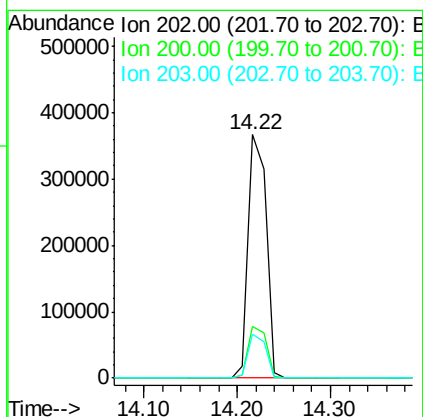
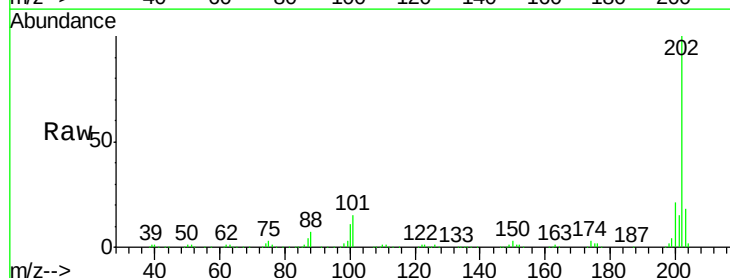
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MS

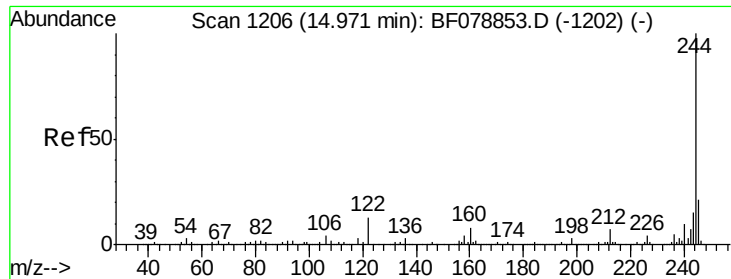
Tgt Ion:184 Resp: 32870
Ion Ratio Lower Upper
184 100
185 16.0 12.8 19.2
183 11.9 9.0 13.4



#77
Pyrene
Concen: 46.18 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: 491060
Ion Ratio Lower Upper
202 100
200 21.4 17.5 26.3
203 18.1 14.7 22.1

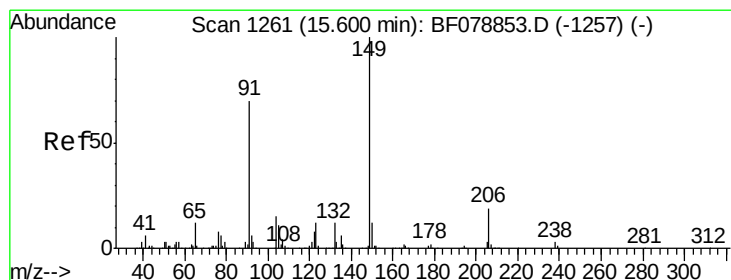
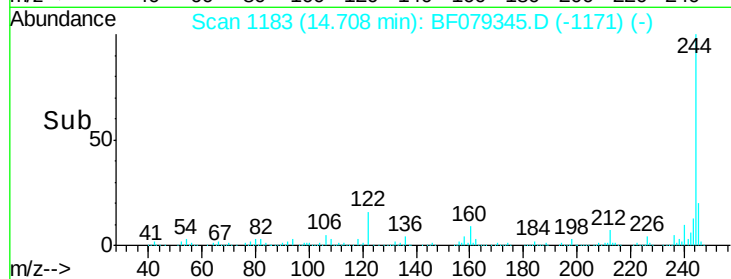
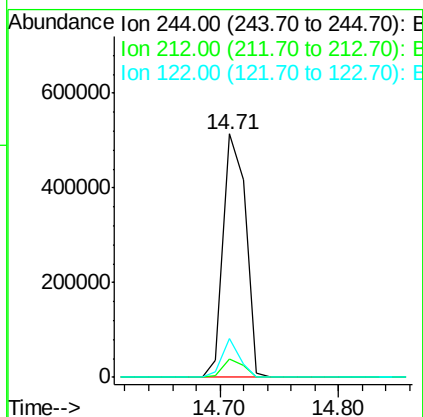
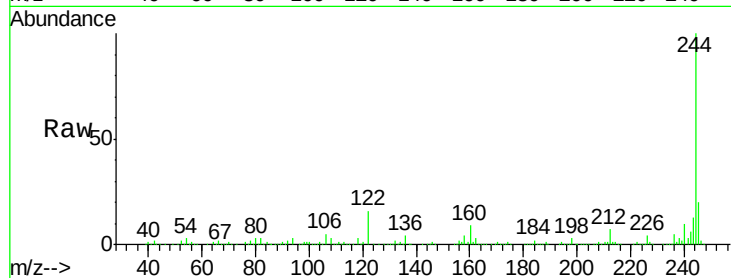




#78
 Terphenyl-d14
 Concen: 87.18 ng
 RT: 14.71 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF079345.D
 Acq: 19 May 2015 16:46

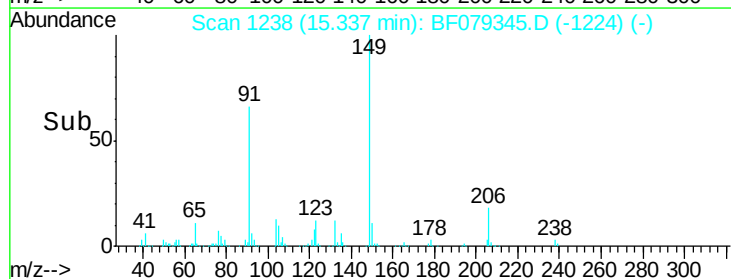
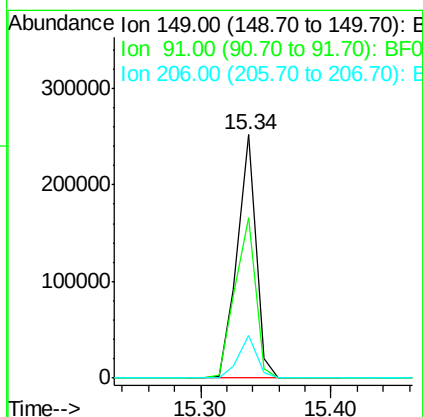
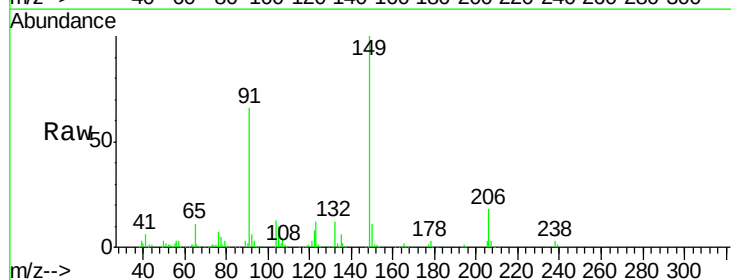
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MS

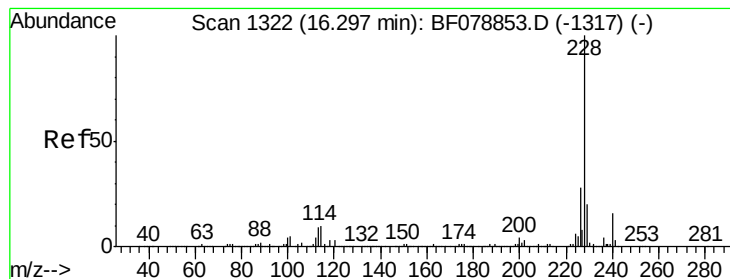
Tgt Ion: 244 Resp: 671878
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 16.0 10.5 15.7#



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

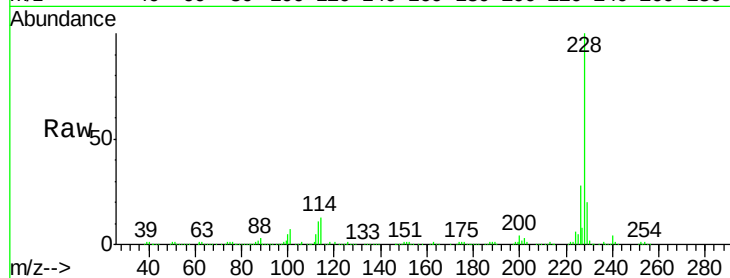
Tgt Ion:228 Resp: 468972

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

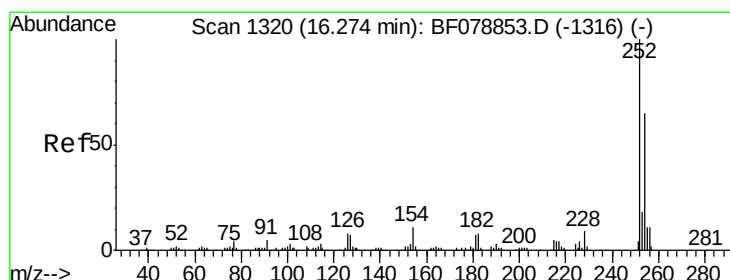
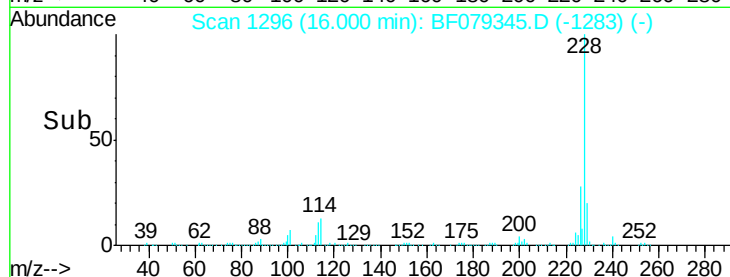
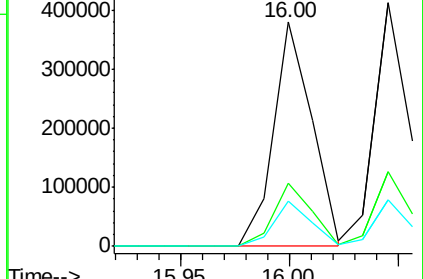
229 20.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#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

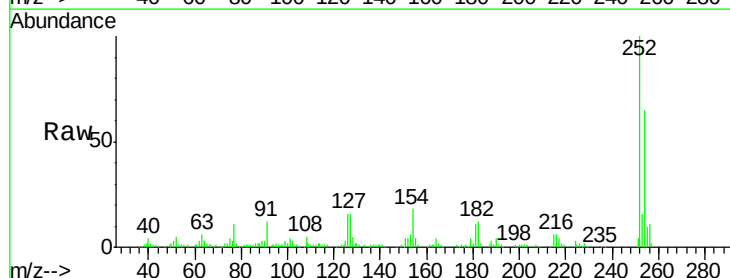
Tgt Ion:252 Resp: 130779

Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.2

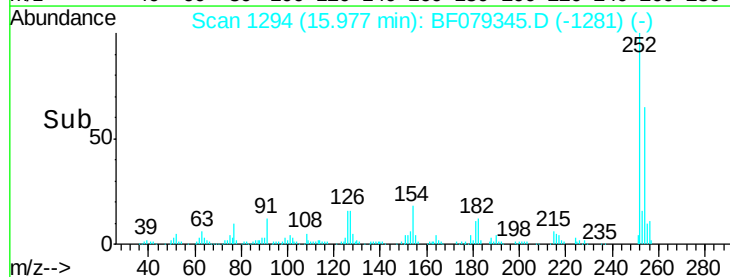
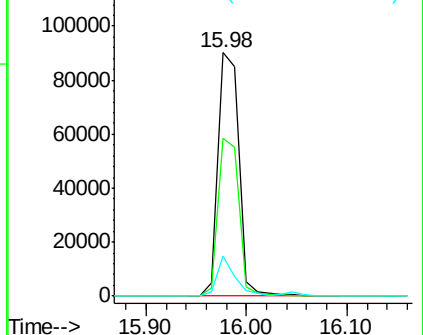
126 16.2 6.6 9.8#

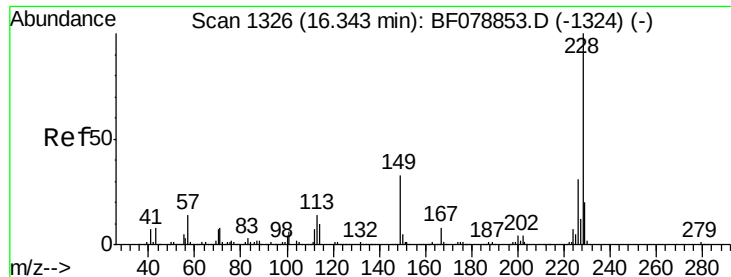


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

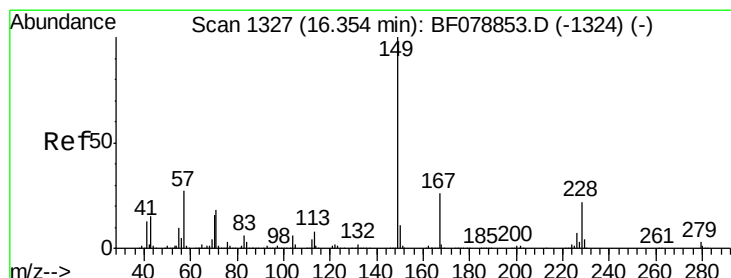
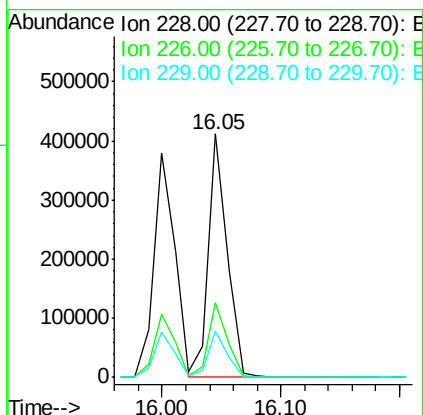
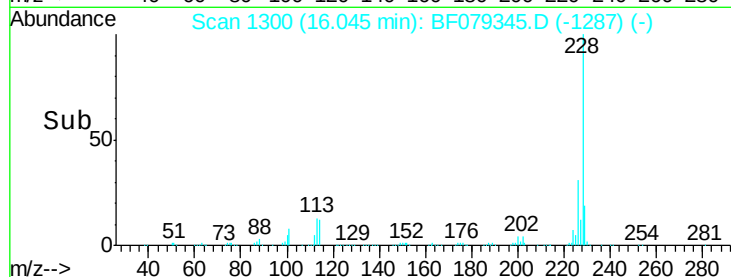
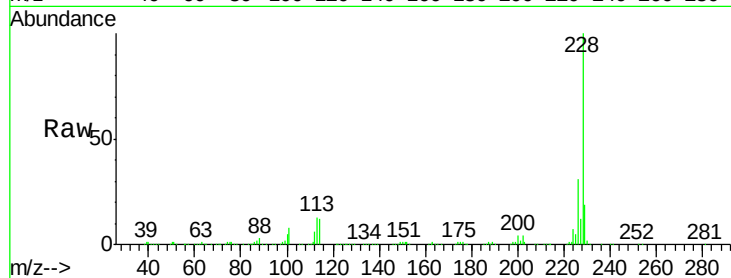
Tgt Ion: 228 Resp: 449687

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

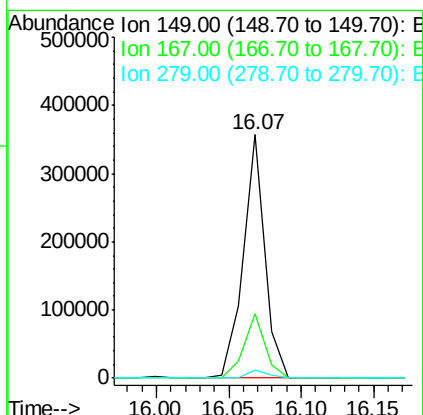
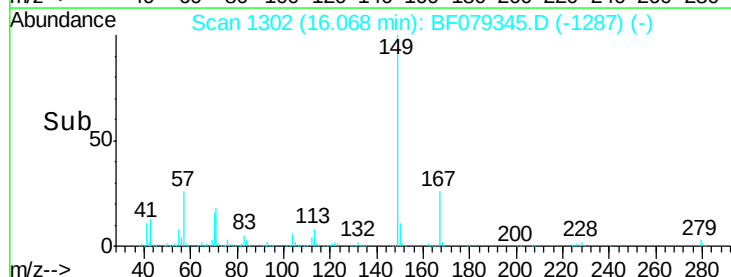
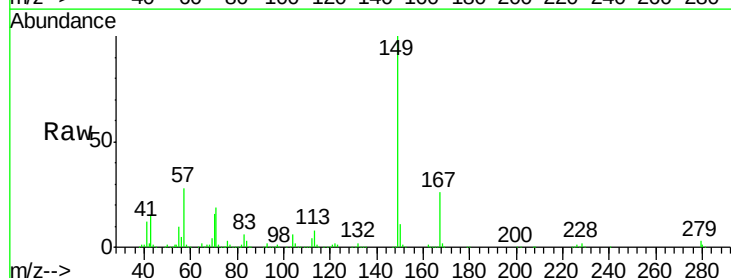
Tgt Ion: 149 Resp: 368897

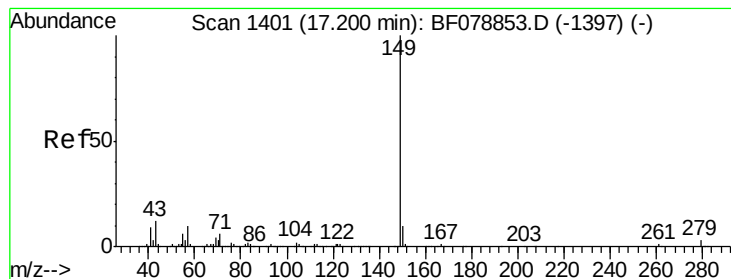
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

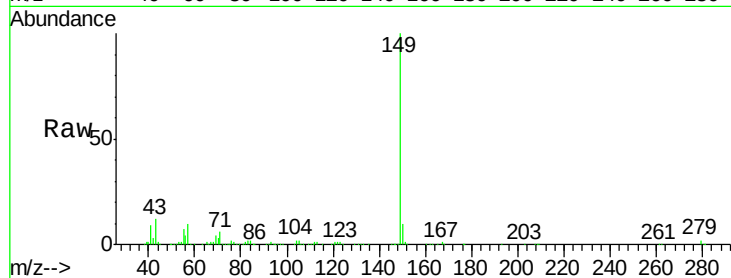
Tgt Ion:149 Resp: 630776

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

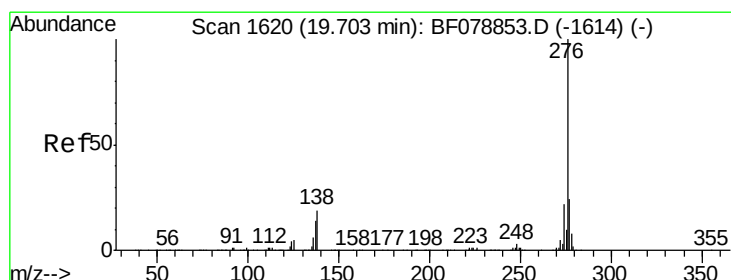
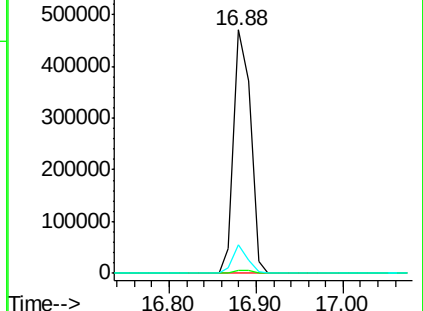
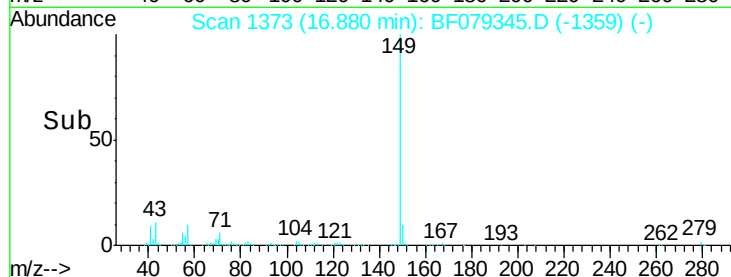
43 9.7 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 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

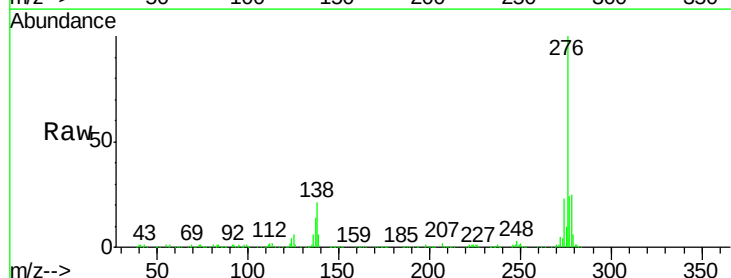
Tgt Ion:276 Resp: 602326

Ion Ratio Lower Upper

276 100

138 26.3 21.1 31.7

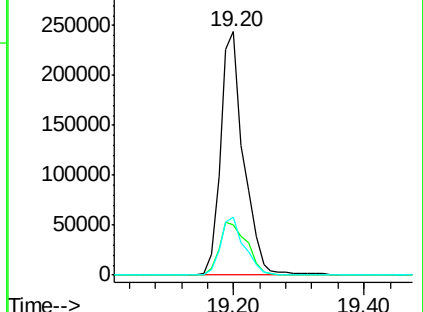
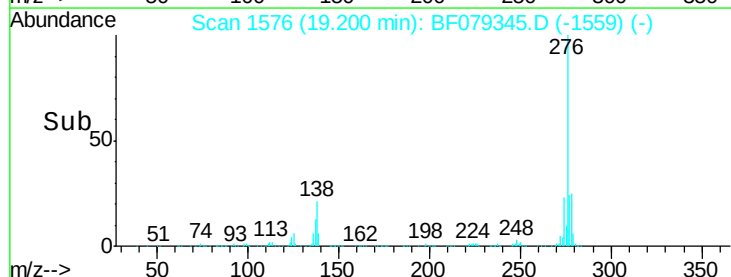
277 24.7 19.9 29.9

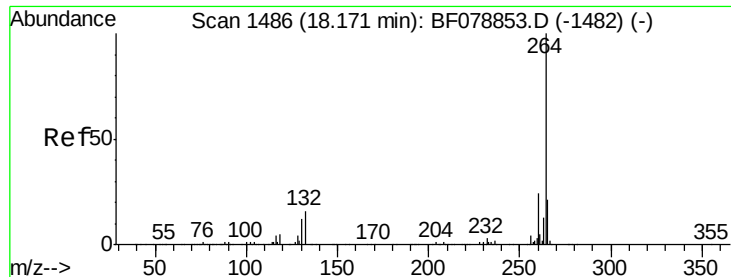


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

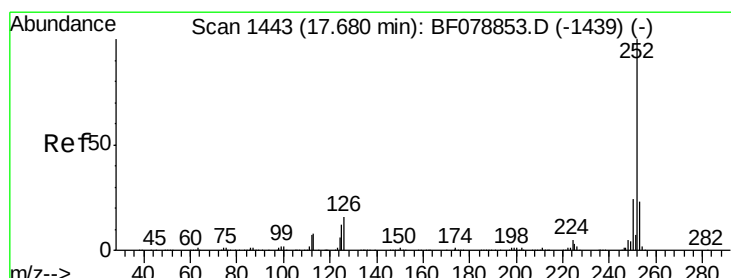
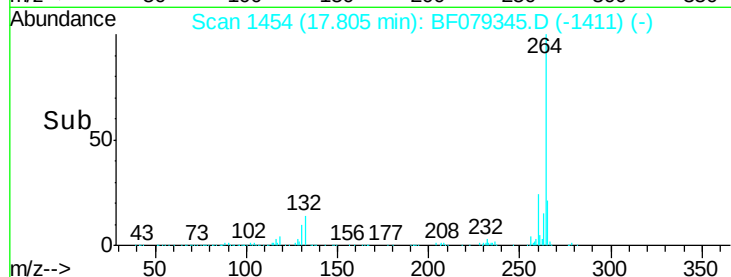
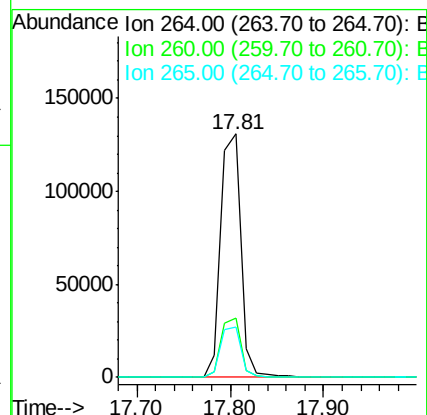
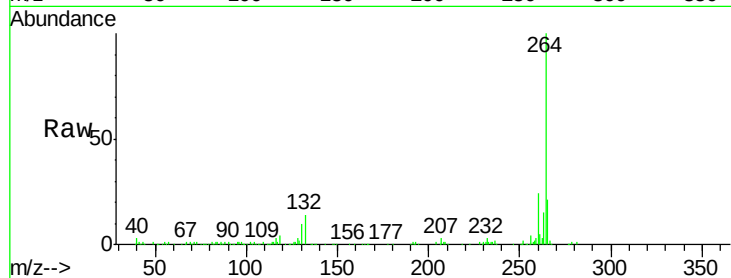




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

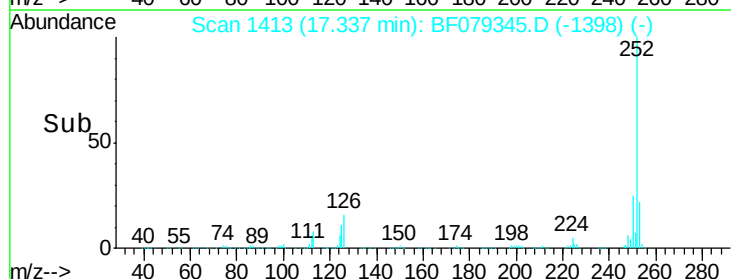
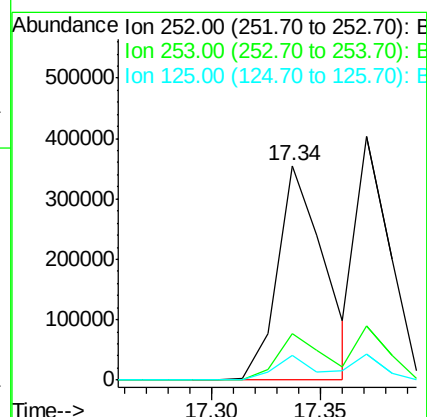
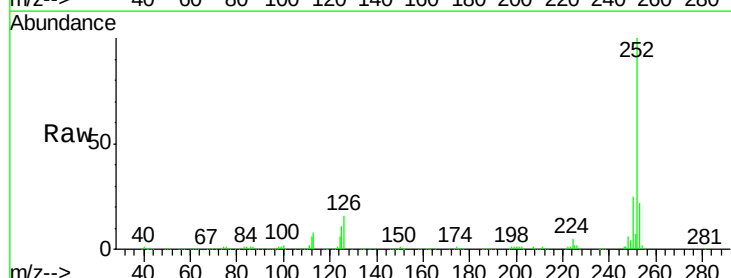
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MS

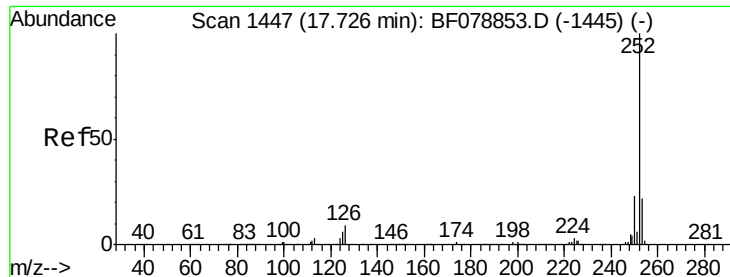
Tgt Ion: 264 Resp: 196864
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 20.6 17.2 25.8



#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

Tgt 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

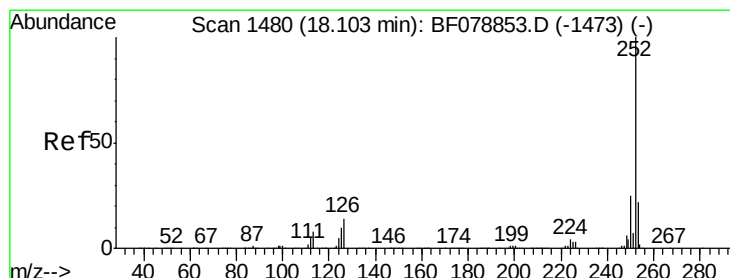
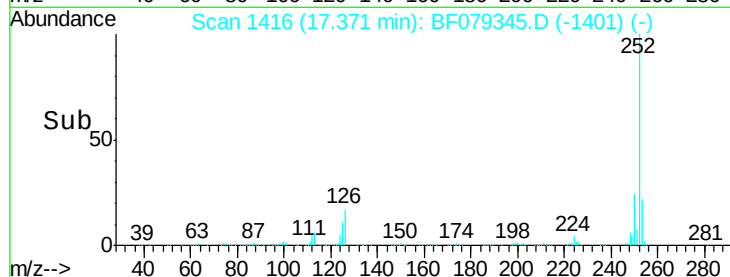
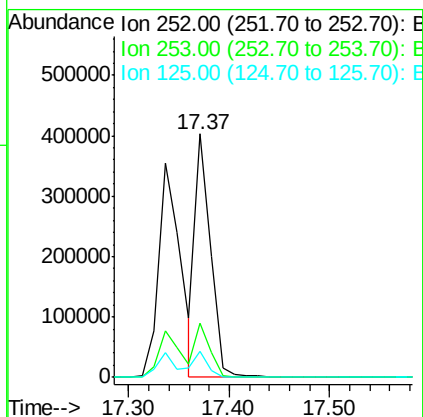
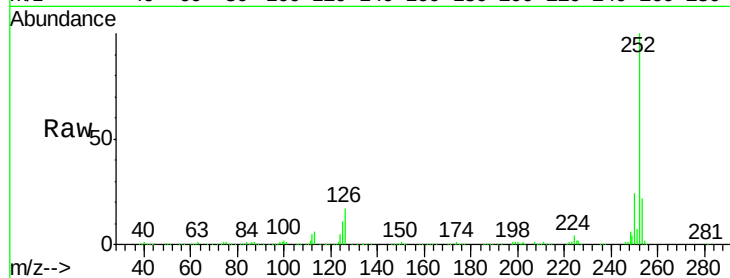
Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MS

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

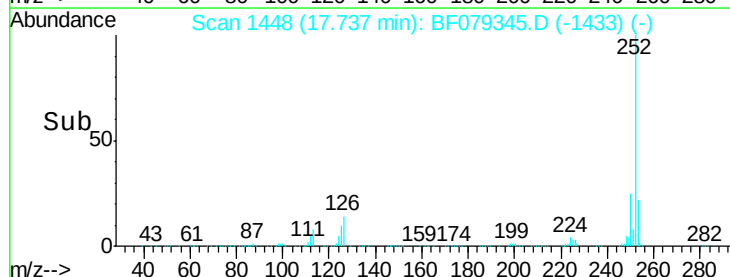
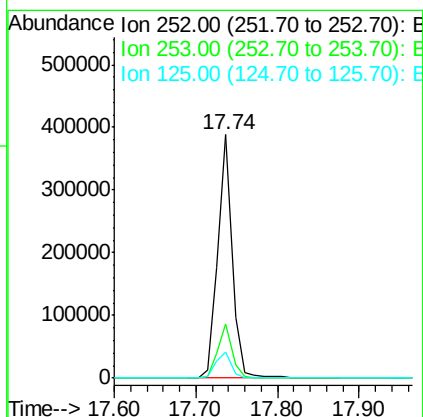
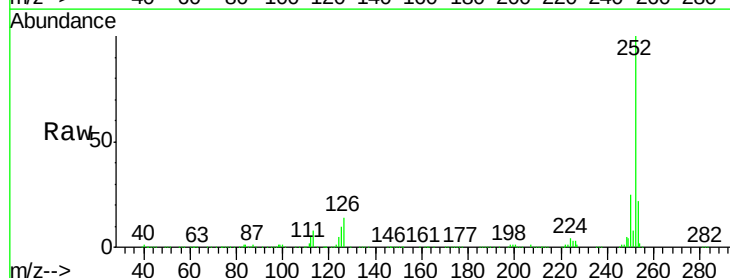
RT: 17.74 min Scan# 1448

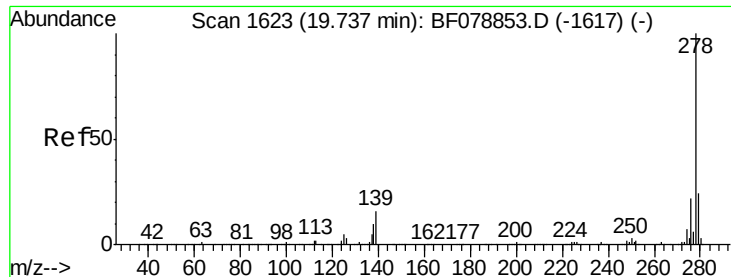
Delta R.T. -0.01 min

Lab File: BF079345.D

Acq: 19 May 2015 16:46

Tgt Ion:	252	Resp:	481089
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.4	8.2	12.2

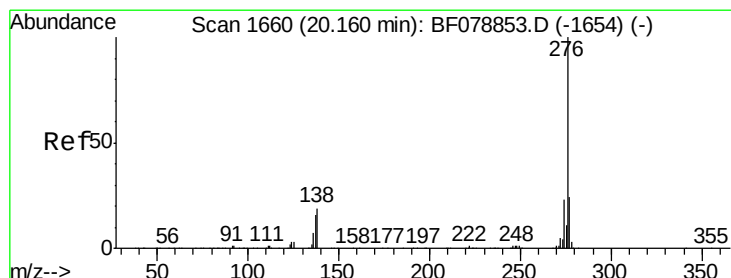
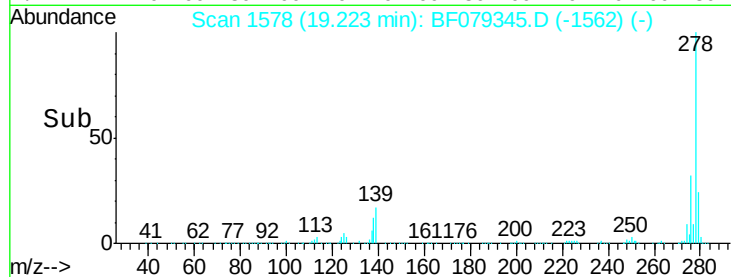
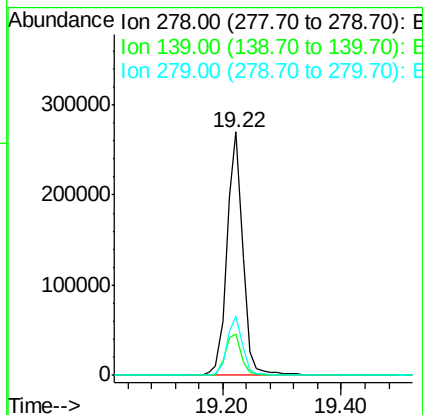
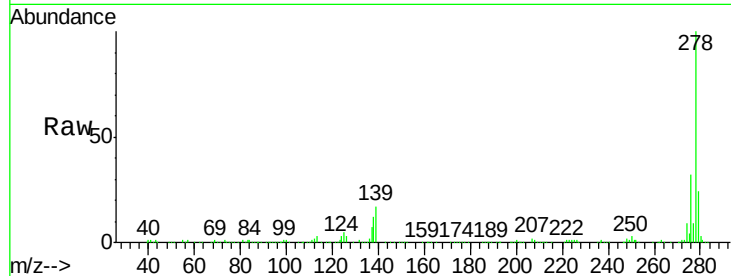




#90
Dibenzo(a,h)anthracene
Concen: 47.44 ng
RT: 19.22 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF079345.D
Acq: 19 May 2015 16:46

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.1	19.7
279	24.3	19.1	28.7



#91
Benzo(g,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

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	24.3	15.2	22.8

