

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
 Data File : BF079346.D
 Acq On : 19 May 2015 17:15
 Operator : TP/IZ
 Sample : G2265-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 20 01:08:05 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	41187	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	174813	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	85341	20.00	ng	0.00
63) Phenanthrene-d10	12.72	188	163875	20.00	ng	0.00
75) Chrysene-d12	16.01	240	173646	20.00	ng	-0.01
86) Perylene-d12	17.81	264	177954	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	152596	63.78	ng	0.00
7) Phenol-d6	6.70	99	127379	40.28	ng	-0.01
23) Nitrobenzene-d5	7.83	82	289443	95.16	ng	0.00
41) 2,4,6-Tribromophenol	11.86	330	154386	167.22	ng	0.00
44) 2-Fluorobiphenyl	10.06	172	598429	97.69	ng	0.00
78) Terphenyl-d14	14.71	244	675891	93.19	ng	-0.01

Target Compounds

						Qvalue
6) Aniline	6.72	93	96519	21.62	ng	# 73
8) 2-Chlorophenol	6.86	128	106610	39.28	ng	95
9) Benzaldehyde	6.57	77	30100	14.13	ng	94
10) Phenol	6.72	94	51532	14.05	ng	# 20
11) bis(2-Chloroethyl)ether	6.82	93	130230	48.42	ng	97
12) 1,3-Dichlorobenzene	7.05	146	127866	41.92	ng	# 96
13) 1,4-Dichlorobenzene	7.15	146	127197	40.52	ng	96
14) 1,2-Dichlorobenzene	7.34	146	122473	41.91	ng	95
15) Benzyl Alcohol	7.31	79	66693	28.41	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.50	45	193502	47.02	ng	97
17) 2-Methylphenol	7.46	107	71705	32.83	ng	# 94
18) Hexachloroethane	7.75	117	44657	41.30	ng	95
19) n-Nitroso-di-n-propylamine	7.64	70	99970	46.80	ng	95
20) 3+4-Methylphenols	7.66	107	84933	29.19	ng	# 48
22) Acetophenone	7.64	105	212507	53.81	ng	# 80
24) Nitrobenzene	7.85	77	143213	47.50	ng	# 77
25) Isophorone	8.15	82	274276	48.64	ng	97
26) 2-Nitrophenol	8.24	139	67169	53.83	ng	93
27) 2,4-Dimethylphenol	8.31	122	109310	43.77	ng	95
28) bis(2-Chloroethoxy)methane	8.43	93	167870	48.29	ng	99
29) 2,4-Dichlorophenol	8.54	162	108831	49.01	ng	97
30) 1,2,4-Trichlorobenzene	8.64	180	108535	44.50	ng	97
31) Naphthalene	8.73	128	381494	45.80	ng	99
32) Benzoic acid	8.40	122	15616	14.98	ng	99
33) 4-Chloroaniline	8.81	127	115203	32.69	ng	# 91
34) Hexachlorobutadiene	8.89	225	55539	39.54	ng	97
35) Caprolactam	9.23	113	5005	6.97	ng	94
36) 4-Chloro-3-methylphenol	9.42	107	107656	46.16	ng	89
37) 2-Methylnaphthalene	9.59	142	274891	47.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	109238	45.45	ng	98
40) Hexachlorocyclopentadiene	9.78	237	85856	71.04	ng	96
42) 2,4,6-Trichlorophenol	9.94	196	79485	48.10	ng	97
43) 2,4,5-Trichlorophenol	9.99	196	83339	49.89	ng	# 87
45) 1,1'-Biphenyl	10.17	154	333106	49.10	ng	97

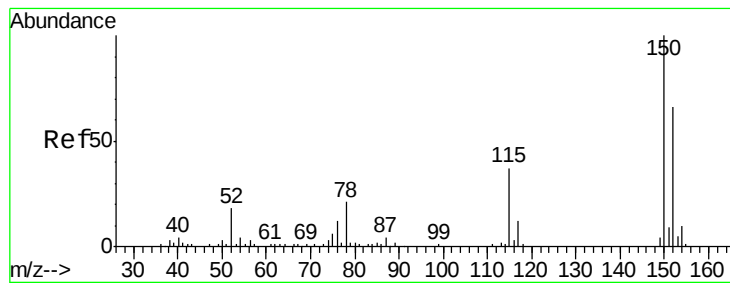
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.19	162	262977	49.69	ng	93
47) 2-Nitroaniline	10.33	65	80475	52.48	ng #	51
48) Acenaphthylene	10.70	152	425940	49.02	ng	98
49) Dimethylphthalate	10.56	163	322116	51.43	ng	99
50) 2,6-Dinitrotoluene	10.64	165	69801	56.47	ng #	82
51) Acenaphthene	10.91	154	248255	47.91	ng	100
52) 3-Nitroaniline	10.83	138	52971	34.31	ng	99
53) 2,4-Dinitrophenol	10.98	184	52592	91.19	ng #	52
54) Dibenzofuran	11.13	168	378388	50.56	ng	100
55) 4-Nitrophenol	11.06	139	35372	28.94	ng #	85
56) 2,4-Dinitrotoluene	11.13	165	85543	52.35	ng #	44
57) Fluorene	11.55	166	317369	51.66	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.29	232	69533	50.93	ng	99
59) Diethylphthalate	11.44	149	322827	52.03	ng	100
60) 4-Chlorophenyl-phenylether	11.57	204	140285	51.48	ng	99
61) 4-Nitroaniline	11.59	138	70364	45.55	ng	99
62) Azobenzene	11.76	77	319455	52.25	ng	98
64) 4,6-Dinitro-2-methylphenol	11.63	198	37314	52.56	ng #	31
65) n-Nitrosodiphenylamine	11.71	169	259780	47.60	ng	98
66) 4-Bromophenyl-phenylether	12.17	248	88298	51.69	ng	94
67) Hexachlorobenzene	12.23	284	96326	49.34	ng	91
68) Atrazine	12.40	200	82125	51.75	ng	92
69) Pentachlorophenol	12.48	266	97351	84.78	ng	97
70) Phenanthrene	12.74	178	440322	48.03	ng	100
71) Anthracene	12.81	178	465464	51.75	ng	99
72) Carbazole	13.02	167	443768	51.77	ng	100
73) Di-n-butylphthalate	13.47	149	563786	54.84	ng	99
74) Fluoranthene	14.22	202	495579	51.88	ng	99
76) Benzidine	14.40	184	70271	15.02	ng	98
77) Pyrene	14.22	202	495579	49.53	ng	99
79) Butylbenzylphthalate	15.34	149	252362	57.70	ng	89
80) Benzo(a)anthracene	16.00	228	474150	49.86	ng	100
81) 3,3'-Dichlorobenzidine	15.98	252	134025	39.57	ng #	96
82) Chrysene	16.05	228	449772	49.18	ng	100
83) Bis(2-ethylhexyl)phthalate	16.07	149	388237	58.60	ng	99
84) Di-n-octyl phthalate	16.89	149	641690	55.00	ng	97
85) Indeno(1,2,3-cd)pyrene	19.19	276	613145	52.62	ng	99
87) Benzo(b)fluoranthene	17.34	252	538138	55.25	ng	99
88) Benzo(k)fluoranthene	17.37	252	453341	48.08	ng #	97
89) Benzo(a)pyrene	17.74	252	488067	54.42	ng	99
90) Dibenzo(a,h)anthracene	19.21	278	507933	53.29	ng	97
91) Benzo(g,h,i)perylene	19.60	276	513800	53.78	ng	97

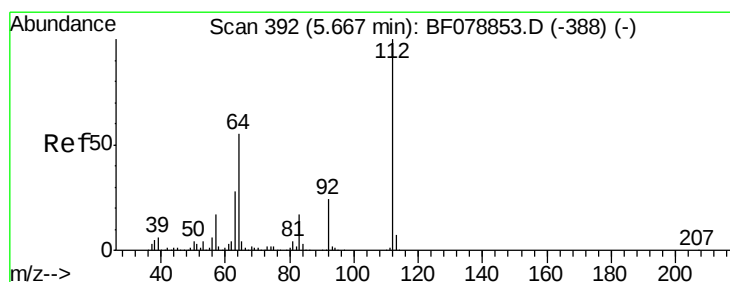
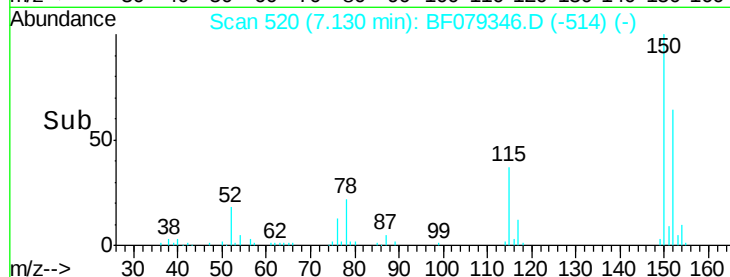
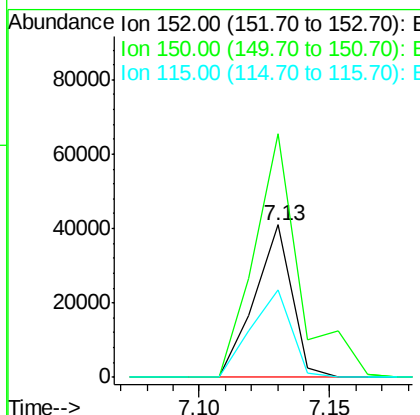
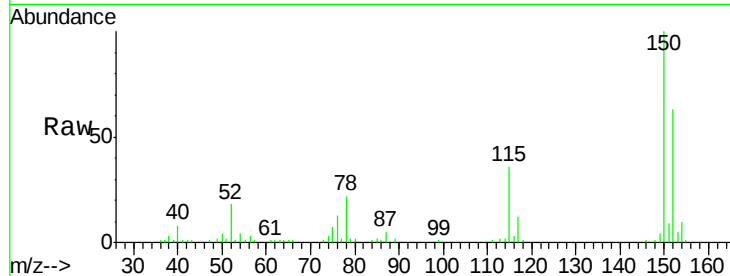
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

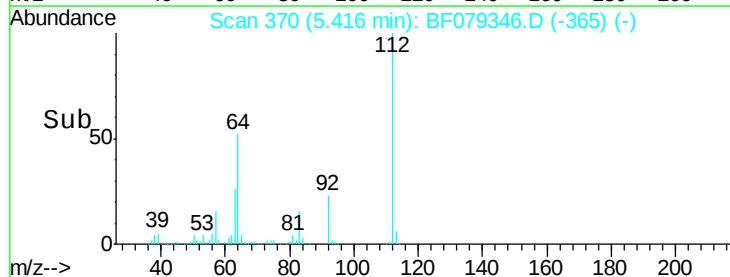
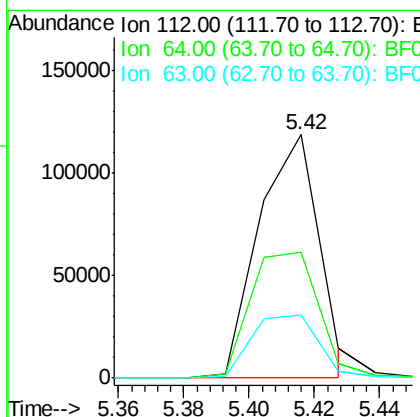
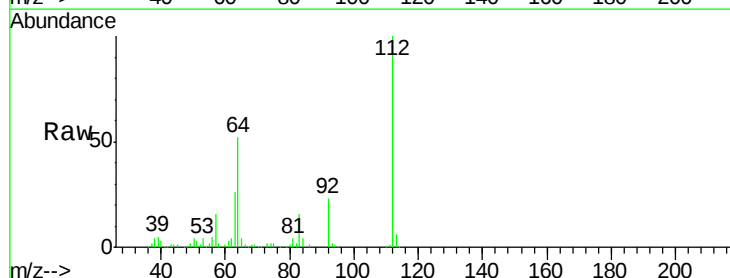
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

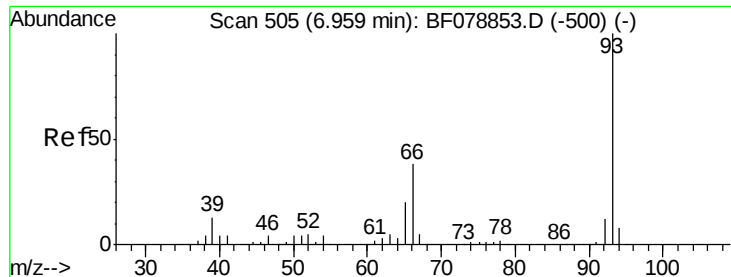
Tgt Ion:152 Resp: 41187
 Ion Ratio Lower Upper
 152 100
 150 159.7 123.8 185.8
 115 57.0 49.4 74.0



#5
 2-Fluorophenol
 Concen: 63.78 ng
 RT: 5.42 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion:112 Resp: 152596
 Ion Ratio Lower Upper
 112 100
 64 51.7 44.2 66.2
 63 26.0 22.7 34.1





#6

Aniline

Concen: 21.62 ng

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

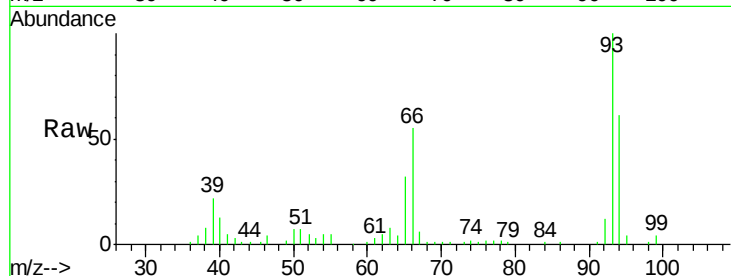
Tgt Ion: 93 Resp: 96519

Ion Ratio Lower Upper

93 100

66 54.7 30.7 46.1#

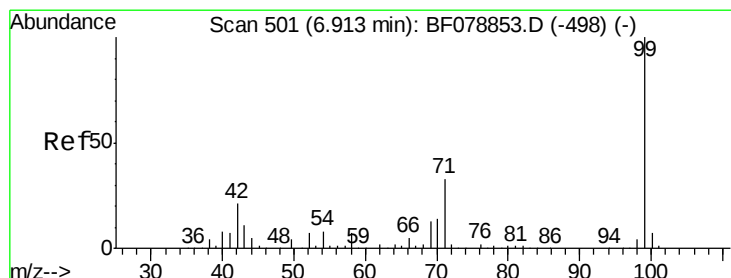
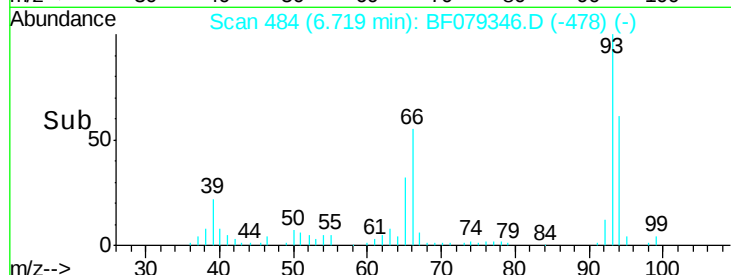
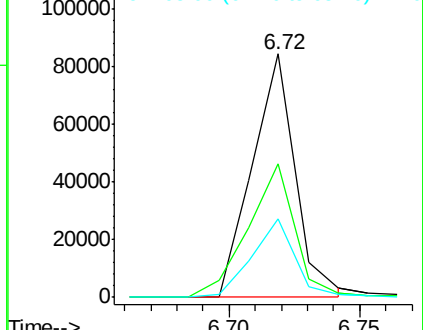
65 32.1 15.8 23.8#



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: 40.28 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

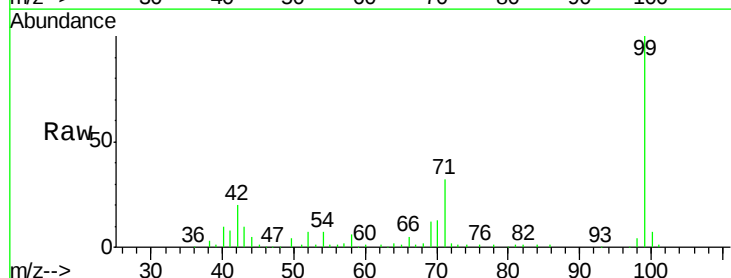
Tgt Ion: 99 Resp: 127379

Ion Ratio Lower Upper

99 100

42 20.3 17.1 25.7

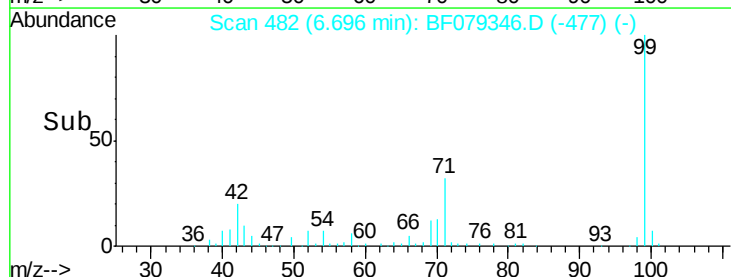
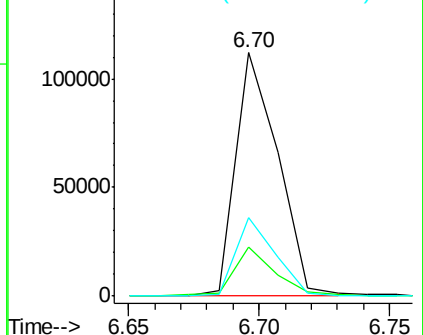
71 32.4 26.3 39.5

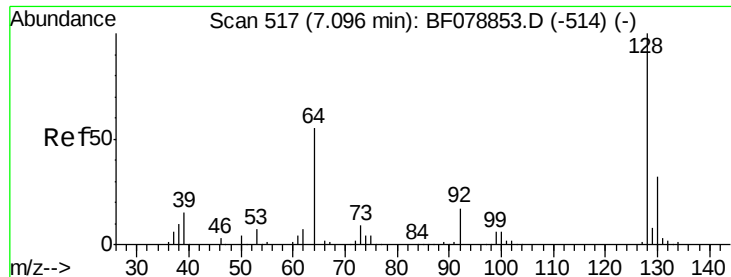


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

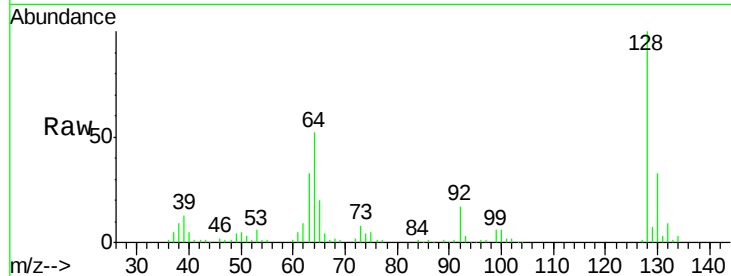




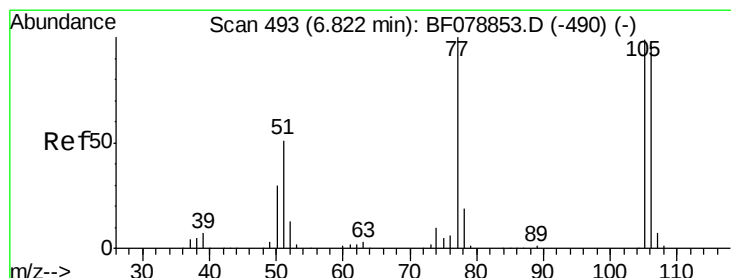
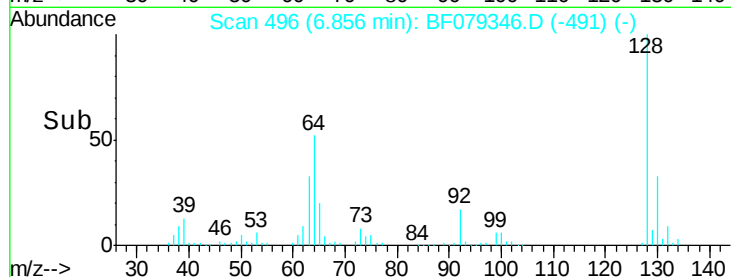
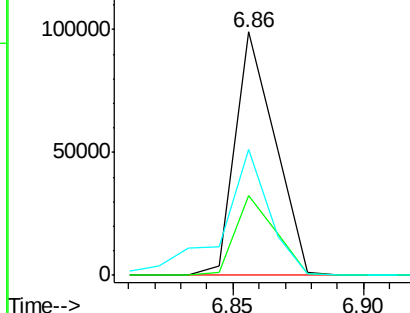
#8
2-Chlorophenol
Concen: 39.28 ng
RT: 6.86 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

Tgt Ion: 128 Resp: 106610
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 51.8 37.8 77.8

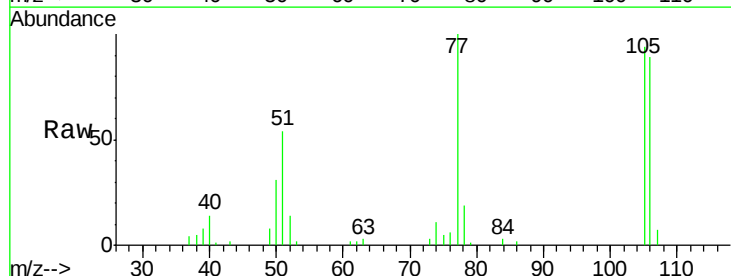


Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): B

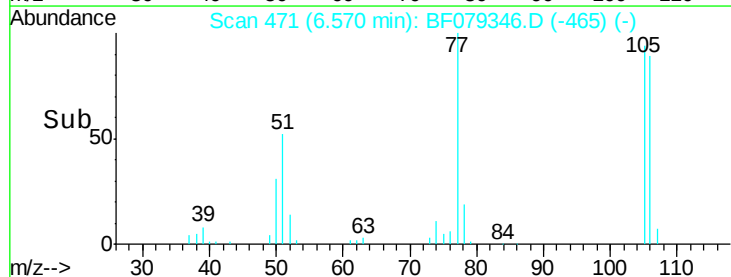
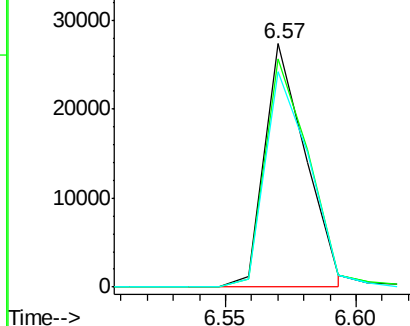


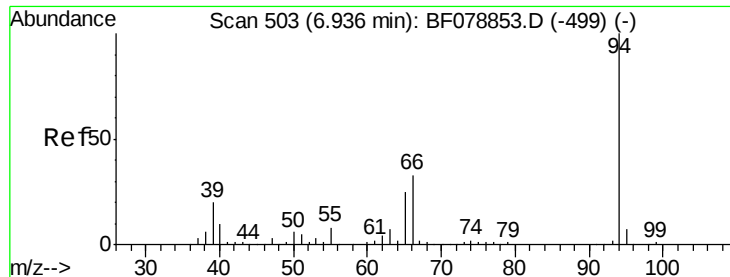
#9
Benzaldehyde
Concen: 14.13 ng
RT: 6.57 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion: 77 Resp: 30100
Ion Ratio Lower Upper
77 100
105 93.8 78.9 118.9
106 88.7 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): B
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 14.05 ng

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

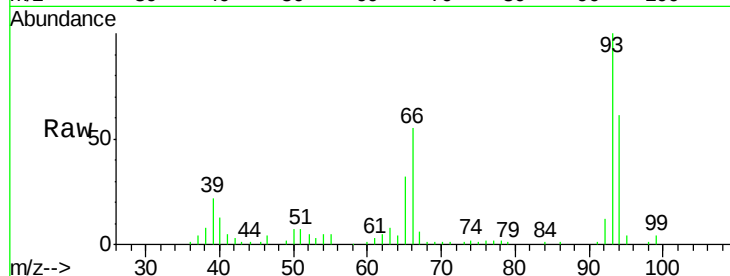
Tgt Ion: 94 Resp: 51532

Ion Ratio Lower Upper

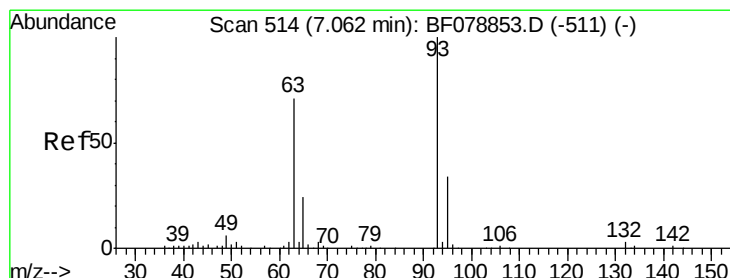
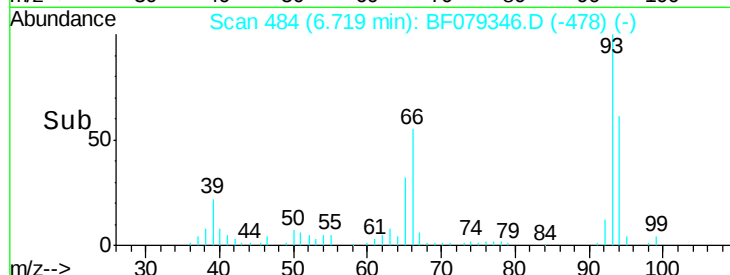
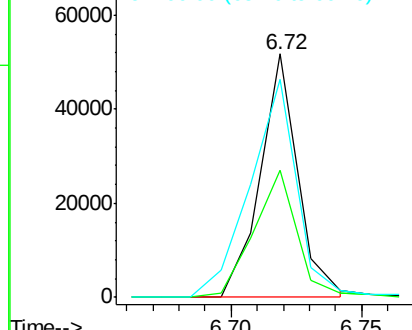
94 100

65 52.3 5.1 45.1#

66 89.3 13.1 53.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 48.42 ng

RT: 6.82 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

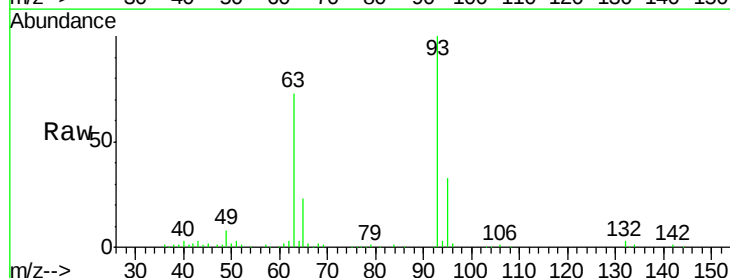
Tgt Ion: 93 Resp: 130230

Ion Ratio Lower Upper

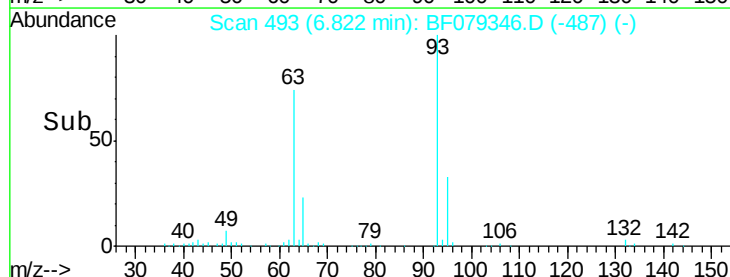
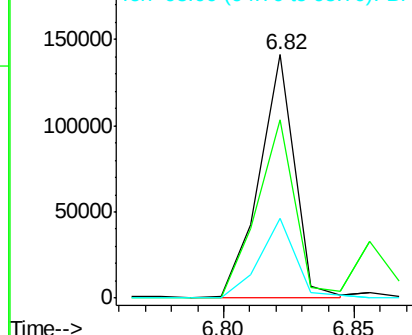
93 100

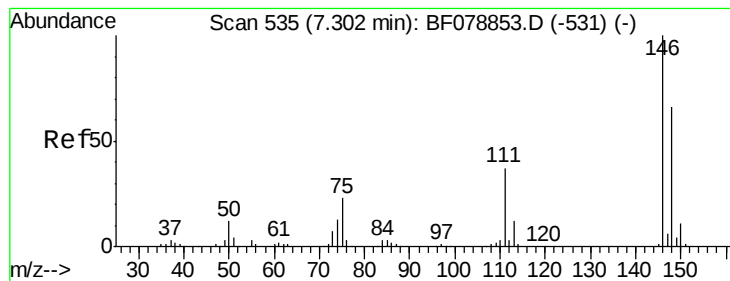
63 73.1 50.8 90.8

95 32.7 13.9 53.9



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





#12

1,3-Dichlorobenzene

Concen: 41.92 ng

RT: 7.05 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

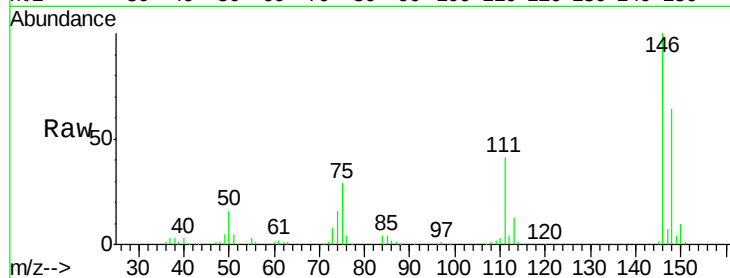
Tgt Ion:146 Resp: 127866

Ion Ratio Lower Upper

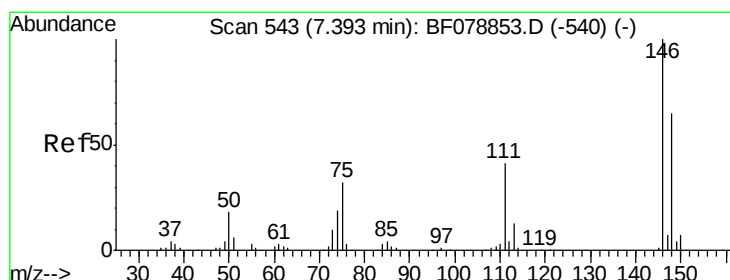
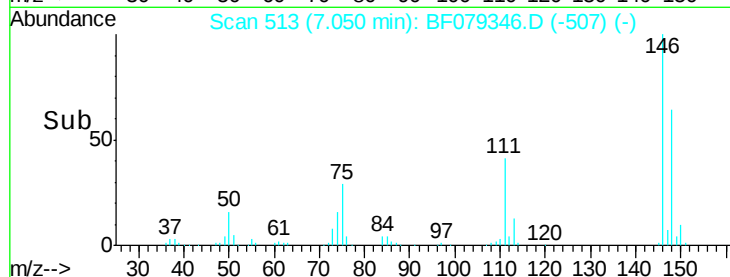
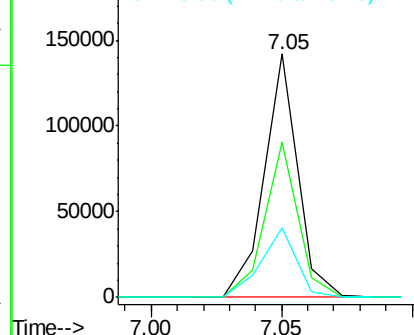
146 100

148 63.7 52.4 78.6

75 28.5 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: 40.52 ng

RT: 7.15 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

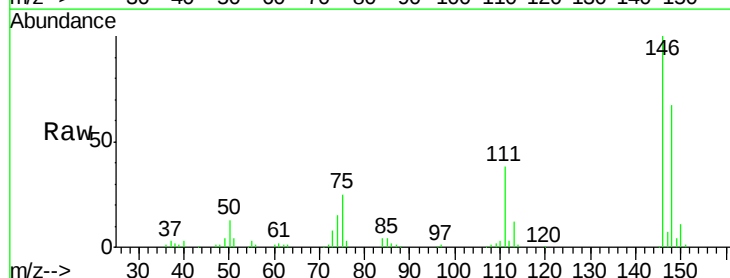
Tgt Ion:146 Resp: 127197

Ion Ratio Lower Upper

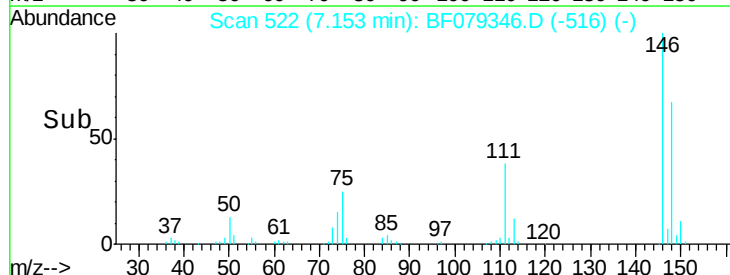
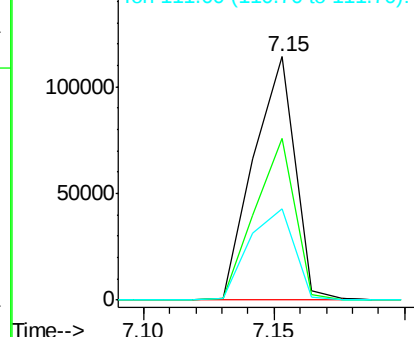
146 100

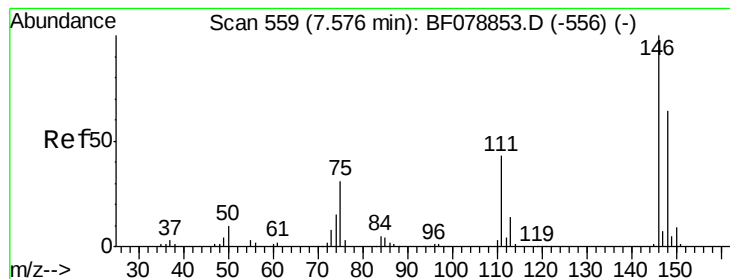
148 66.6 51.7 77.5

111 37.5 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: 41.91 ng

RT: 7.34 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

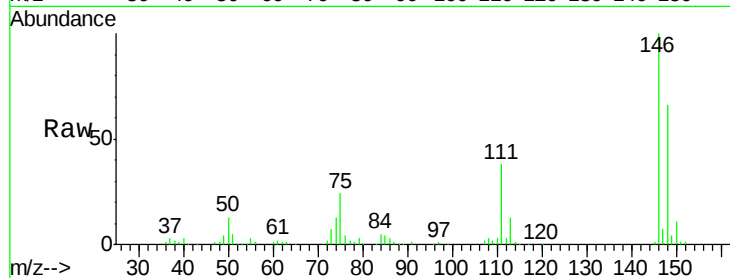
Tgt Ion:146 Resp: 122473

Ion Ratio Lower Upper

146 100

148 65.8 51.1 76.7

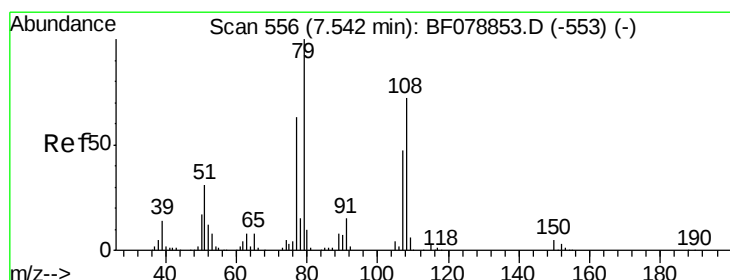
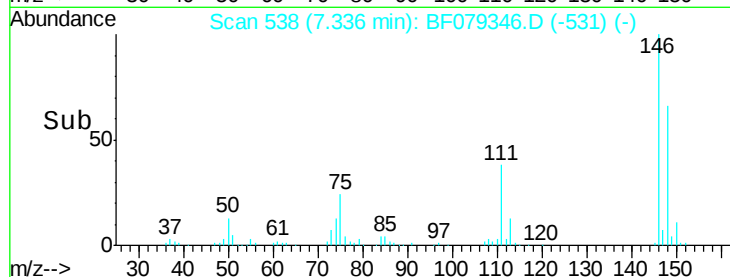
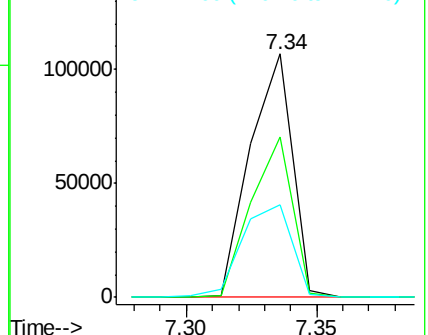
111 38.0 34.6 52.0



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: 28.41 ng

RT: 7.31 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

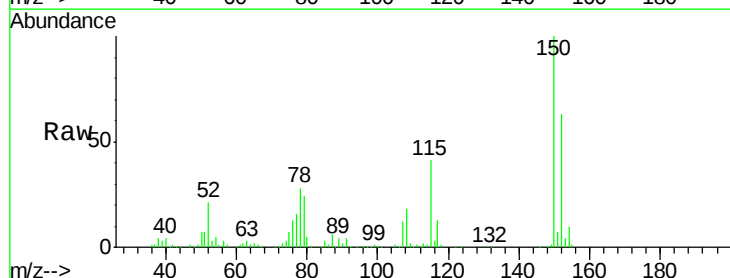
Tgt Ion: 79 Resp: 66693

Ion Ratio Lower Upper

79 100

108 75.9 57.4 86.2

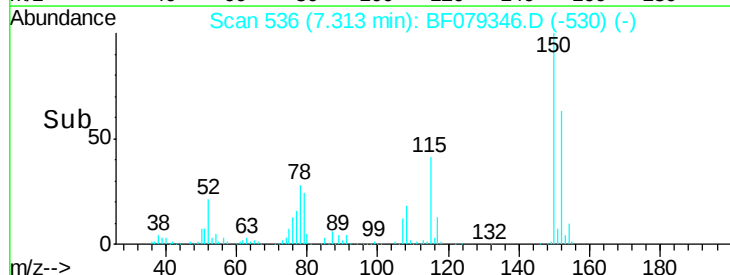
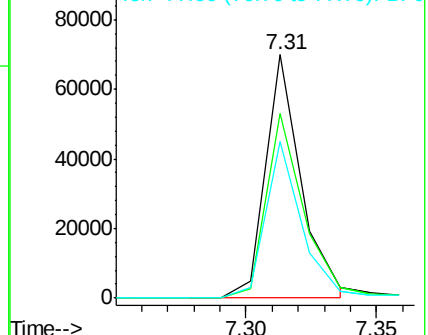
77 64.1 50.2 75.4

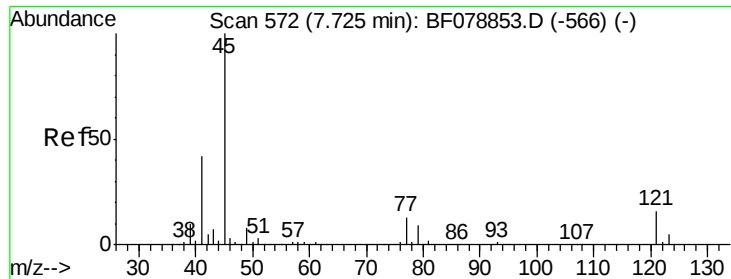


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

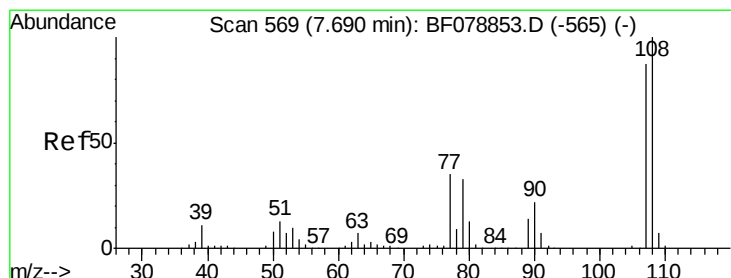
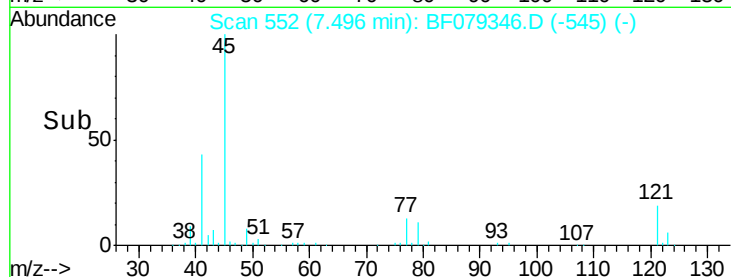
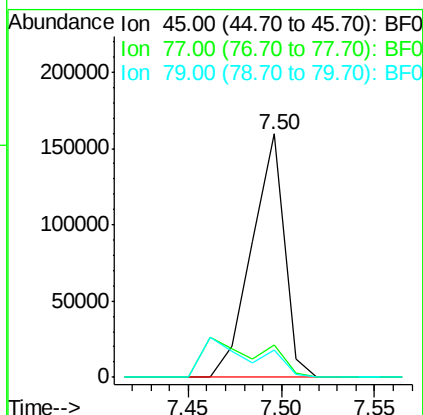
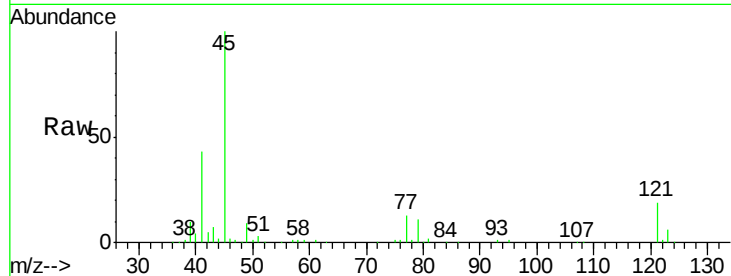




#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.02 ng
RT: 7.50 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

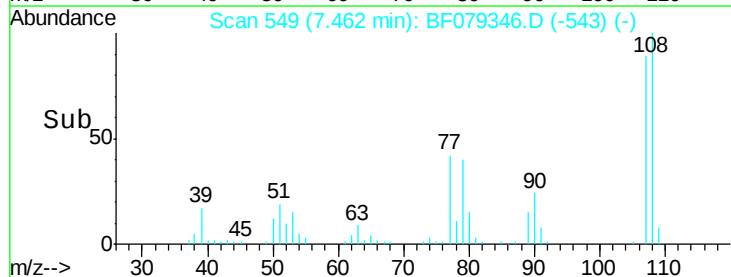
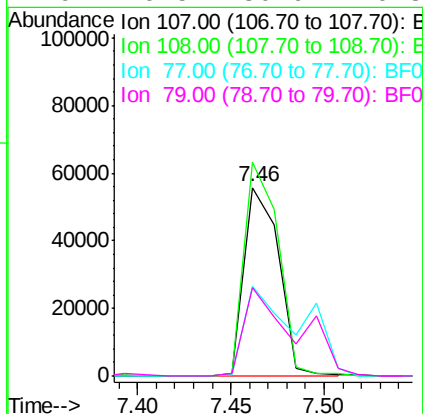
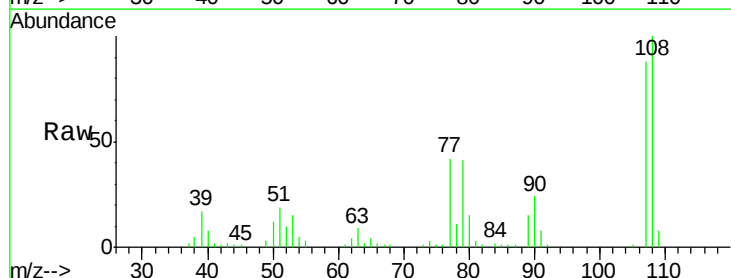
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

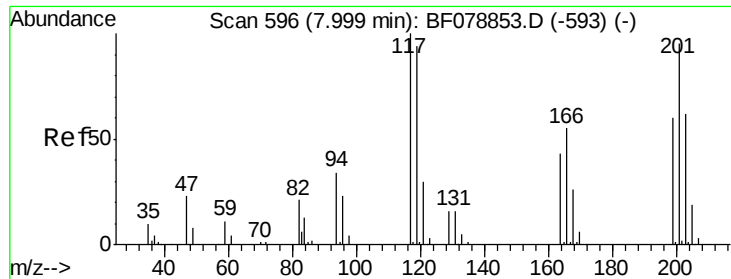
Tgt Ion: 45 Resp: 193502
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.6
79 11.1 0.0 29.3



#17
2-Methylphenol
Concen: 32.83 ng
RT: 7.46 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion: 107 Resp: 71705
Ion Ratio Lower Upper
107 100
108 113.3 92.4 138.6
77 47.6 32.6 49.0
79 46.5 30.9 46.3#

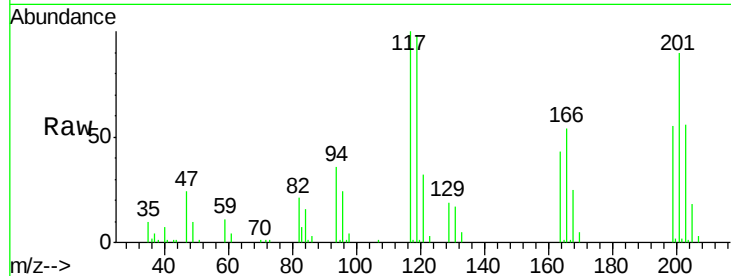




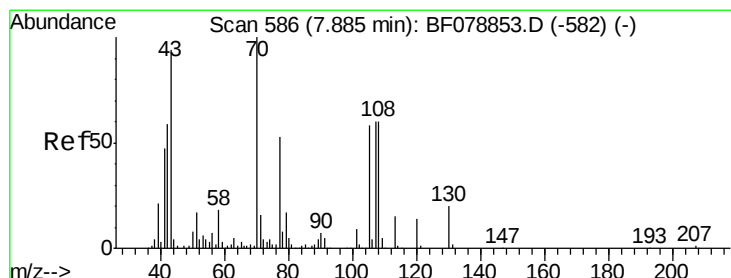
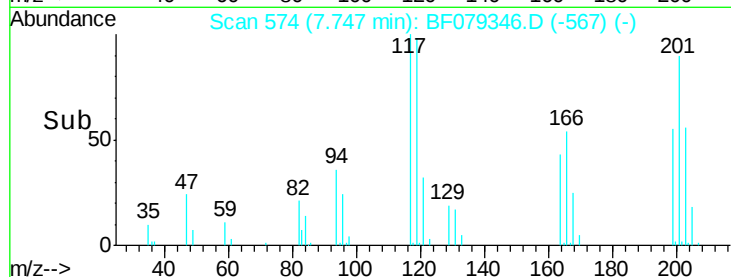
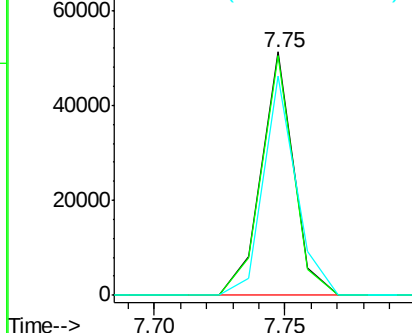
#18
Hexachloroethane
Concen: 41.30 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

Tgt Ion: 117 Resp: 44657
Ion Ratio Lower Upper
117 100
119 98.3 75.2 112.8
201 90.0 75.8 113.8



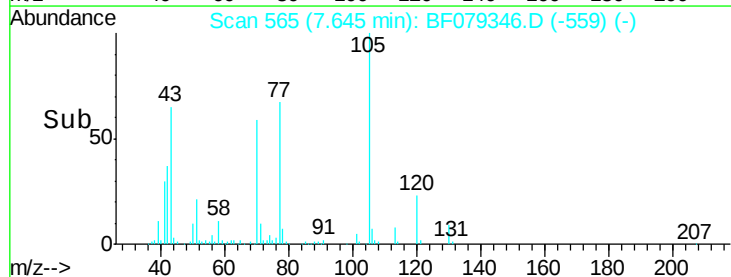
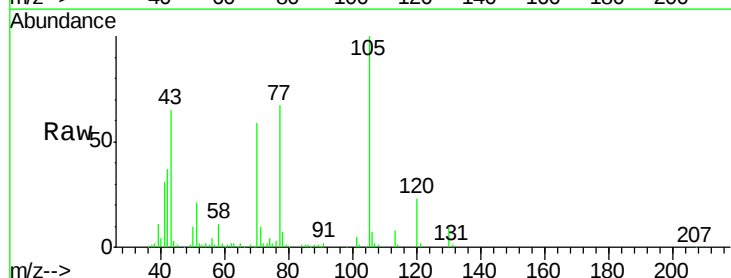
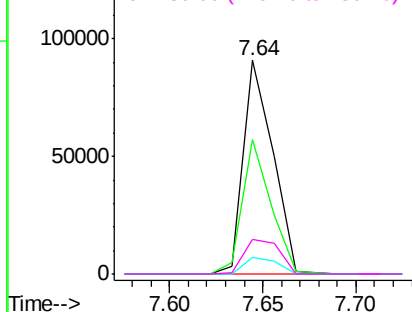
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

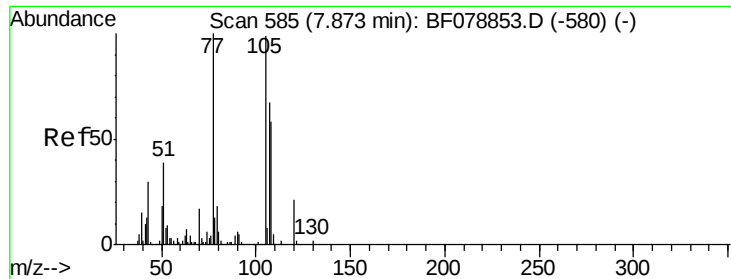


#19
n-Nitroso-di-n-propylamine
Concen: 46.80 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion: 70 Resp: 99970
Ion Ratio Lower Upper
70 100
42 62.7 47.3 70.9
101 8.1 7.5 11.3
130 16.0 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

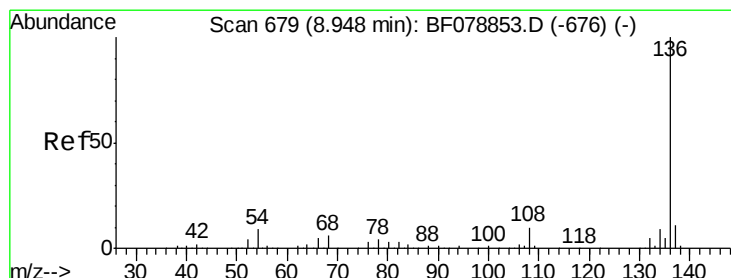
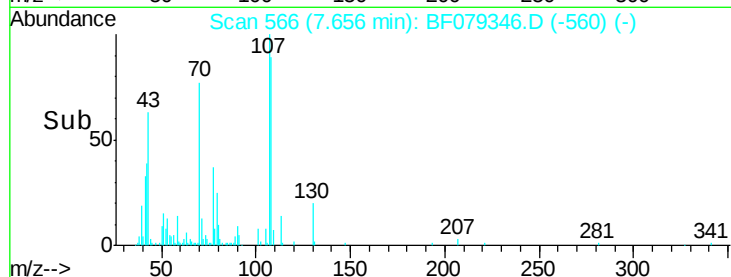
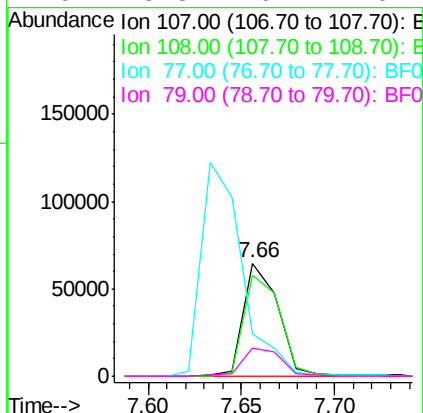
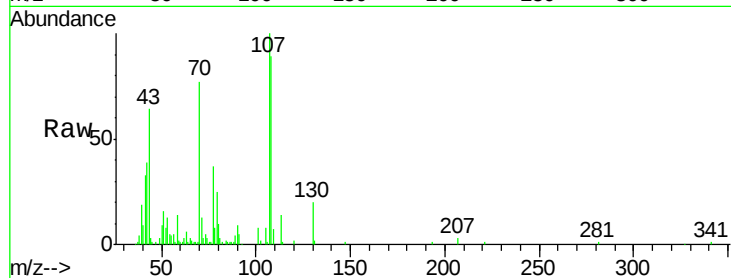




#20
3+4-Methylphenols
Concen: 29.19 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

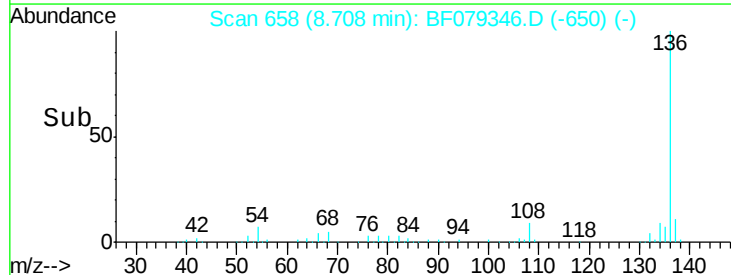
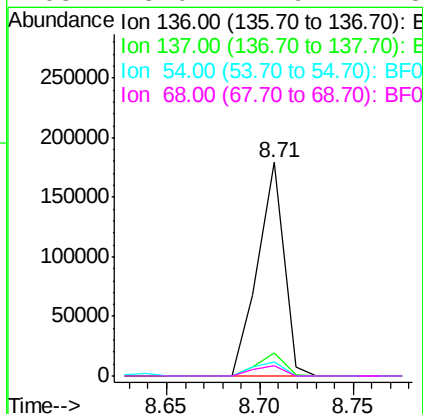
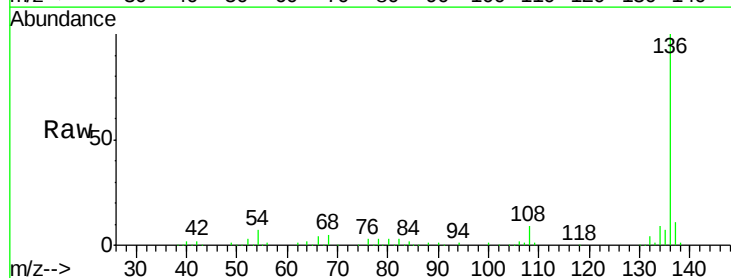
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

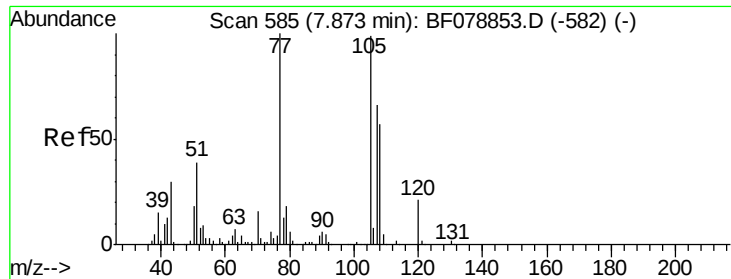
Tgt Ion:107 Resp: 84933
Ion Ratio Lower Upper
107 100
108 88.8 66.5 106.5
77 36.9 130.6 170.6#
79 25.3 6.4 46.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion:136 Resp: 174813
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.5 6.9 10.3#
68 5.0 4.9 7.3

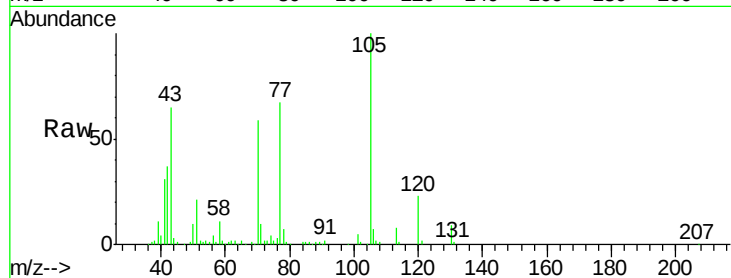




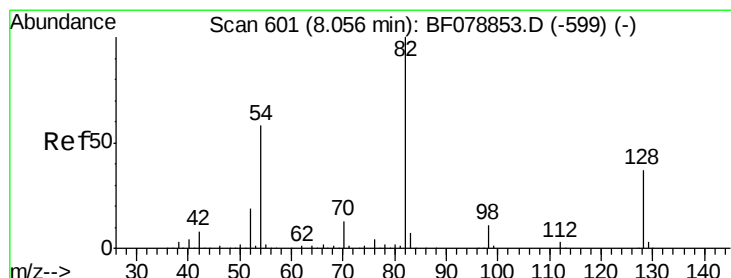
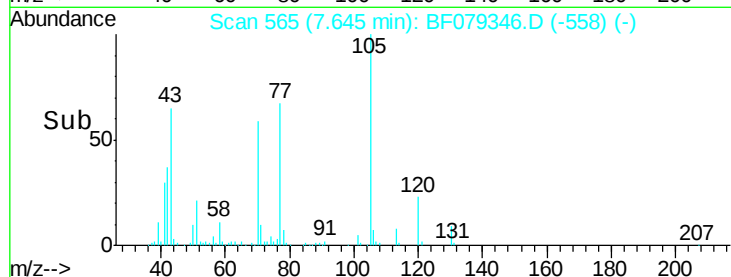
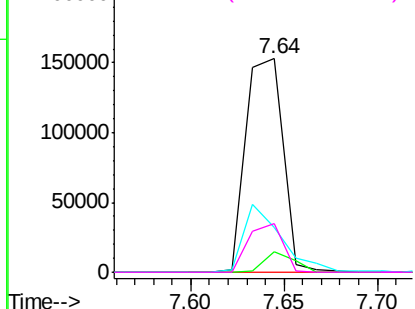
#22
Acetophenone
Concen: 53.81 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

Tgt Ion: 105 Resp: 212507
Ion Ratio Lower Upper
105 100
71 9.6 2.2 3.4#
51 21.0 31.1 46.7#
120 22.7 16.7 25.1

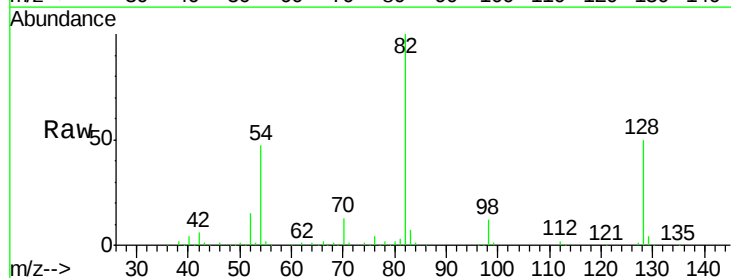


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

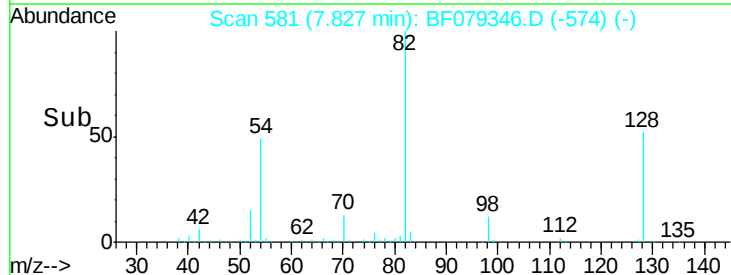
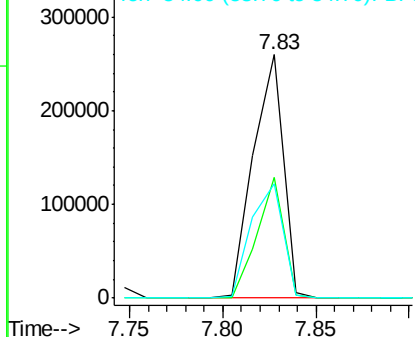


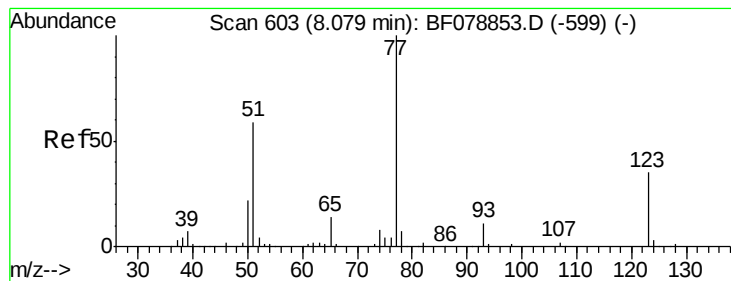
#23
Nitrobenzene-d5
Concen: 95.16 ng
RT: 7.83 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion: 82 Resp: 289443
Ion Ratio Lower Upper
82 100
128 49.6 29.7 44.5#
54 46.9 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: 47.50 ng

RT: 7.85 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

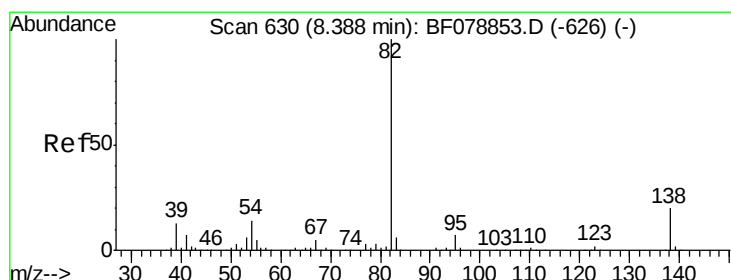
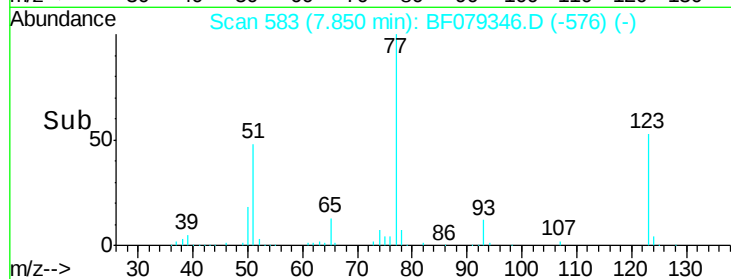
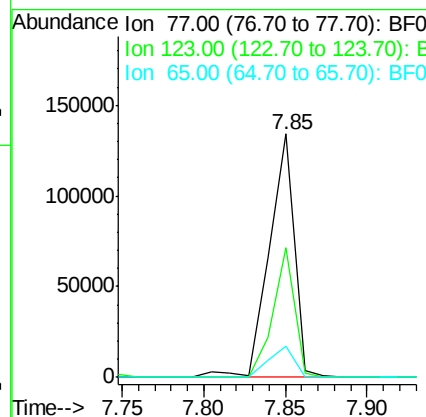
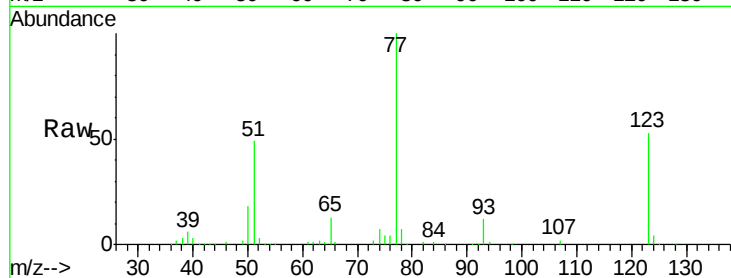
Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.2	28.3	42.5#
65	12.7	11.0	16.4



#25

Isophorone

Concen: 48.64 ng

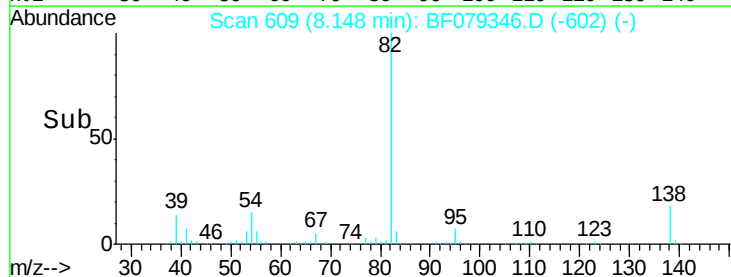
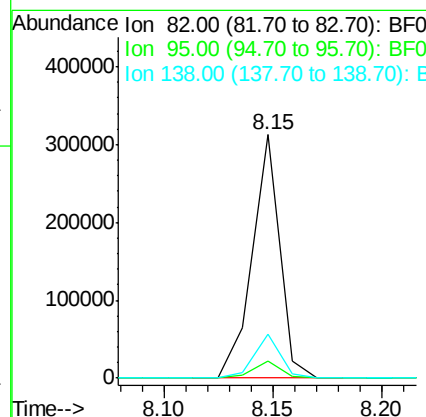
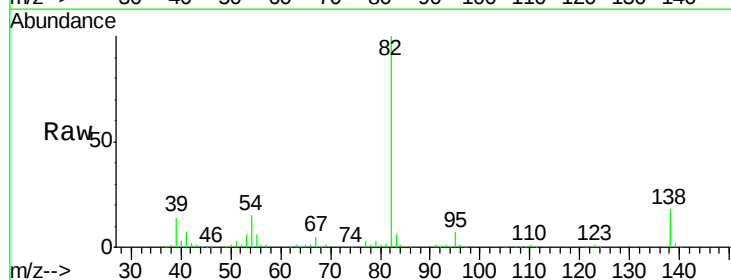
RT: 8.15 min Scan# 609

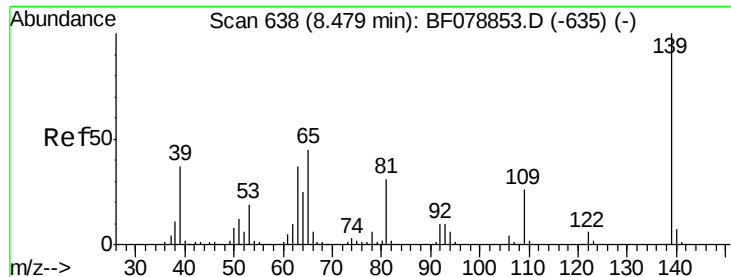
Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	18.3	16.1	24.1

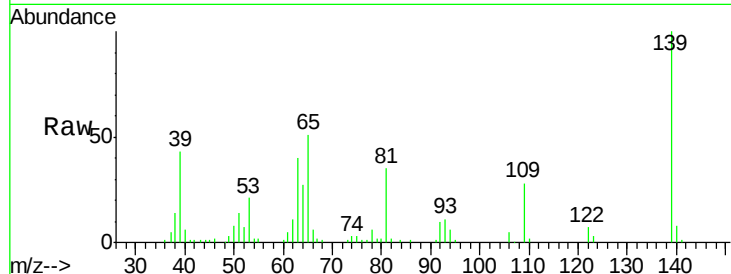




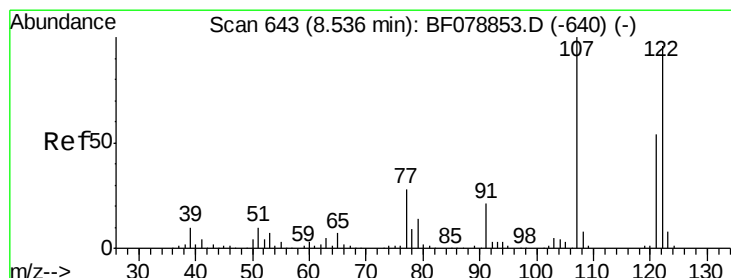
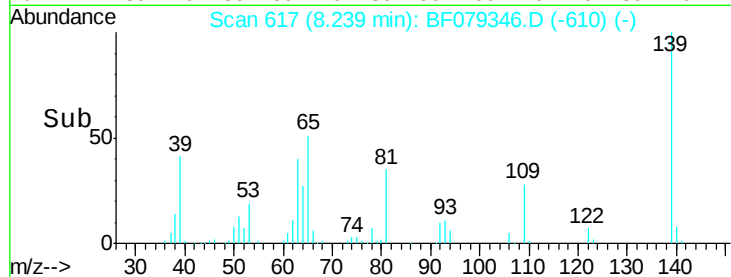
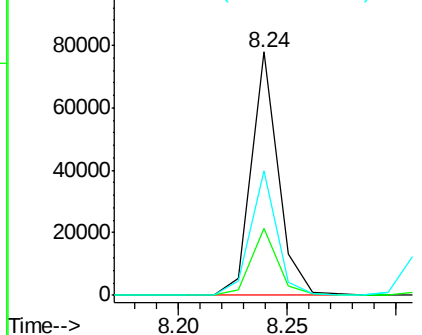
#26
 2-Nitrophenol
 Concen: 53.83 ng
 RT: 8.24 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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

Tgt Ion:139 Resp: 67169
 Ion Ratio Lower Upper
 139 100
 109 27.6 20.9 31.3
 65 51.1 35.8 53.8

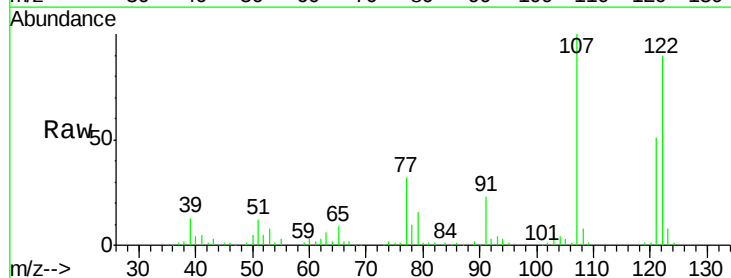


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

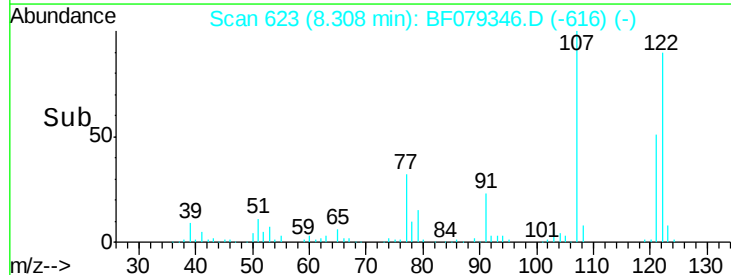
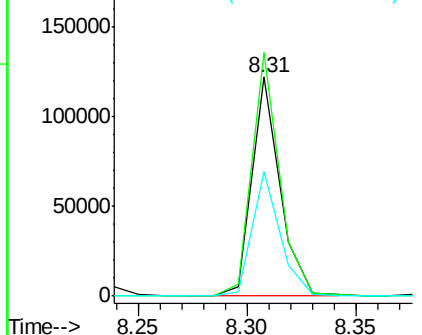


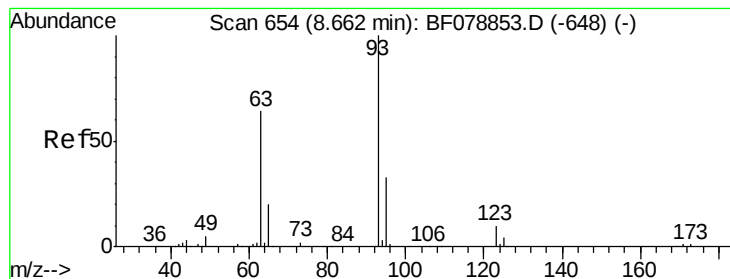
#27
 2,4-Dimethylphenol
 Concen: 43.77 ng
 RT: 8.31 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion:122 Resp: 109310
 Ion Ratio Lower Upper
 122 100
 107 111.2 83.6 125.4
 121 56.9 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: 48.29 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

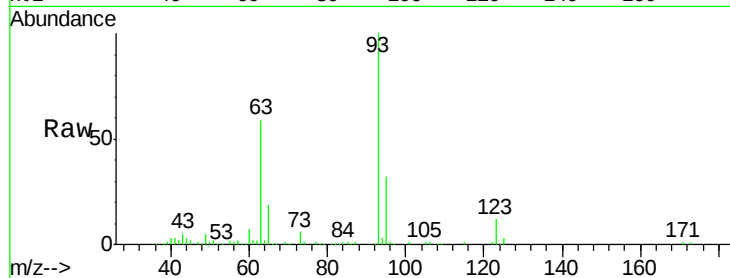
Tgt Ion: 93 Resp: 167870

Ion Ratio Lower Upper

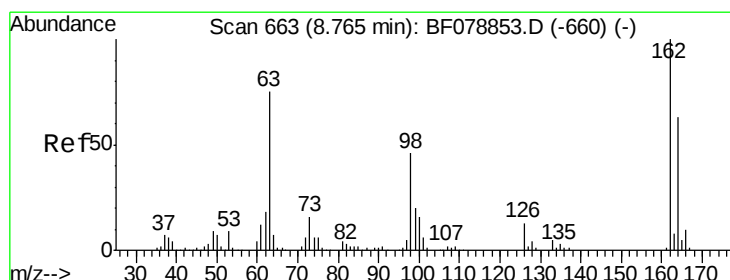
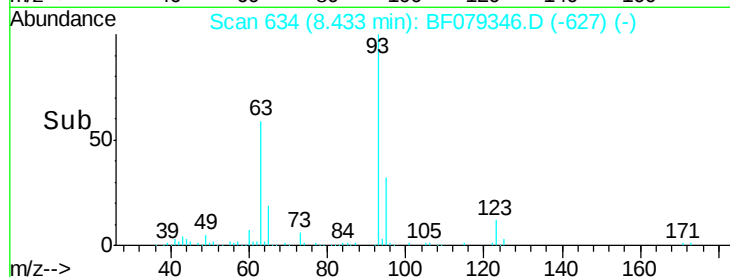
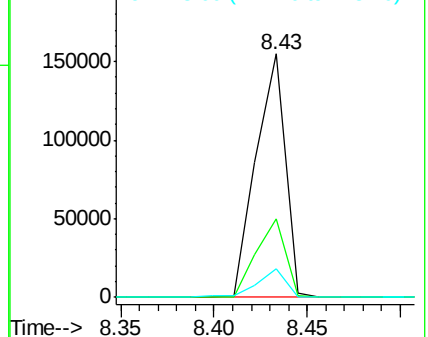
93 100

95 32.2 26.2 39.2

123 11.6 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: 49.01 ng

RT: 8.54 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

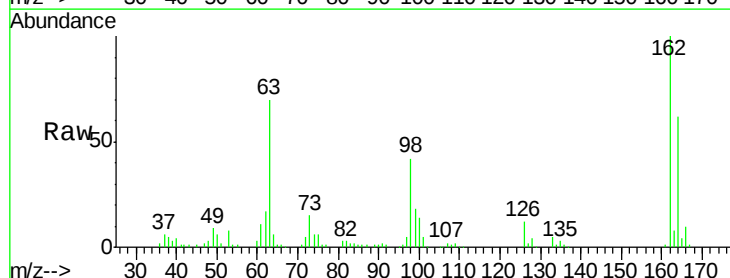
Tgt Ion: 162 Resp: 108831

Ion Ratio Lower Upper

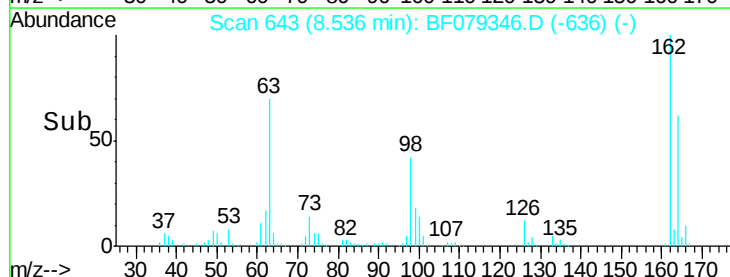
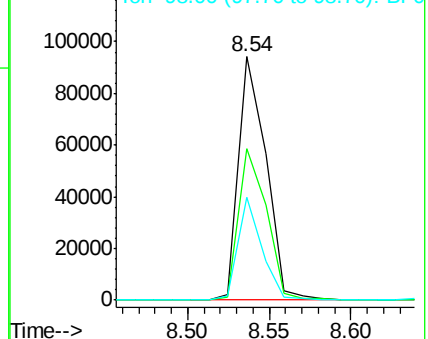
162 100

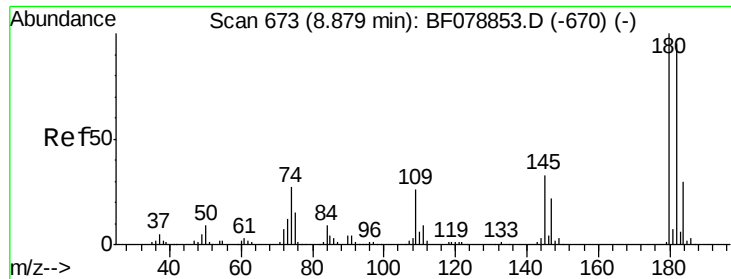
164 62.1 42.7 82.7

98 42.3 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

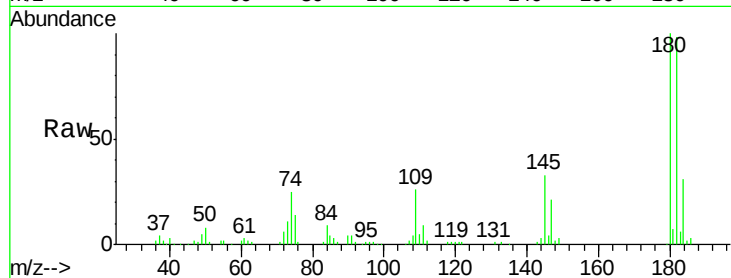




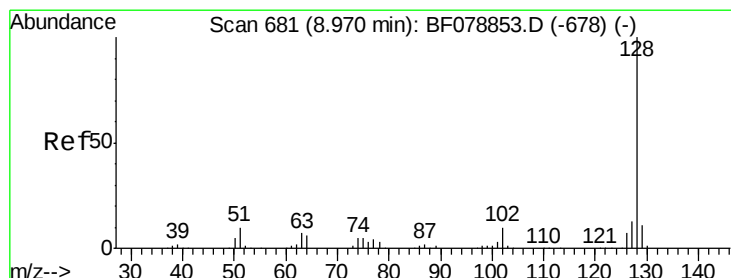
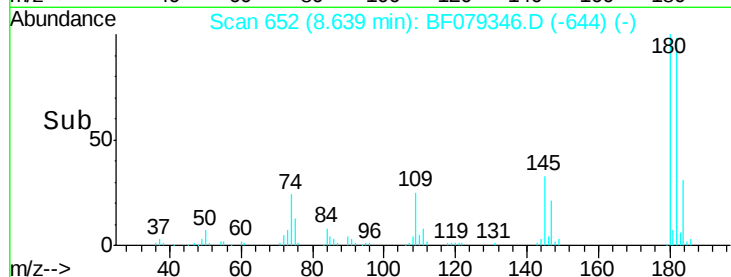
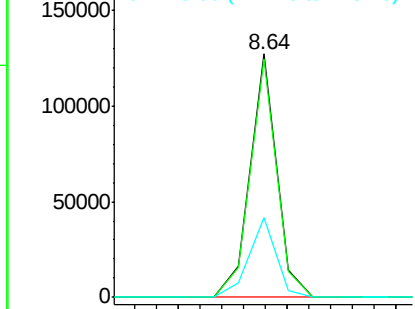
#30
 1,2,4-Trichlorobenzene
 Concen: 44.50 ng
 RT: 8.64 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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

Tgt Ion:180 Resp: 108535
 Ion Ratio Lower Upper
 180 100
 182 98.2 75.7 113.5
 145 32.5 26.2 39.4

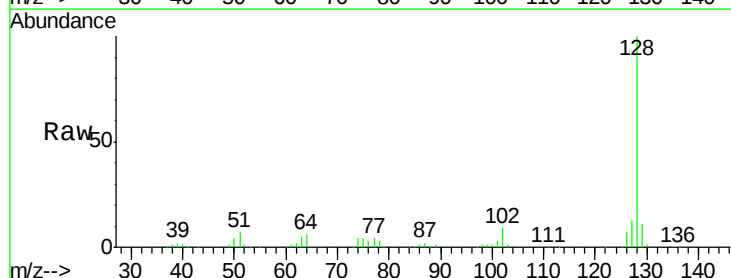


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

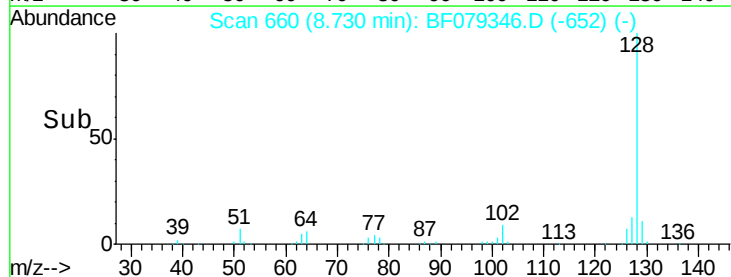
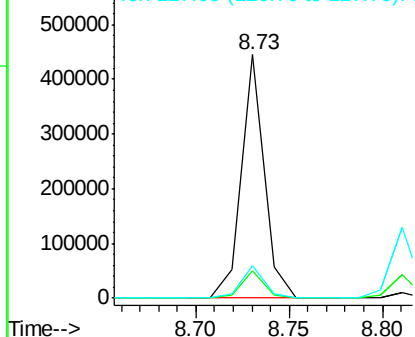


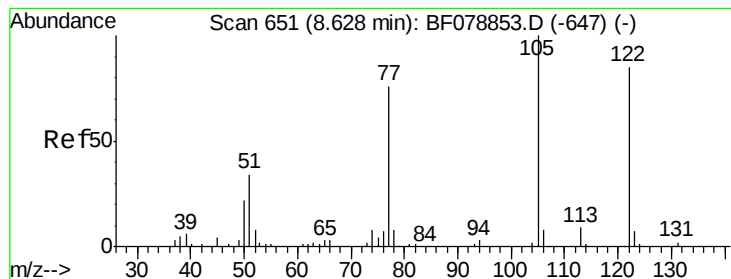
#31
 Naphthalene
 Concen: 45.80 ng
 RT: 8.73 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion:128 Resp: 381494
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.2 13.8
 127 13.4 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: 14.98 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.05 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

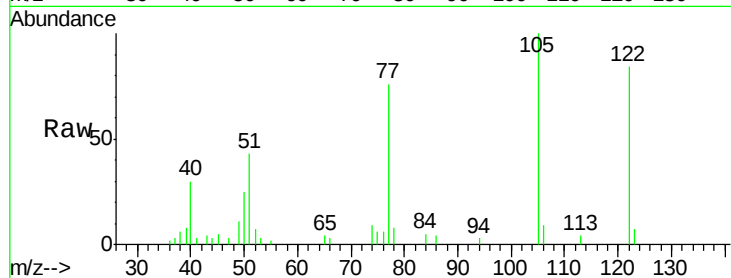
Tgt Ion:122 Resp: 15616

Ion Ratio Lower Upper

122 100

105 119.2 100.7 140.7

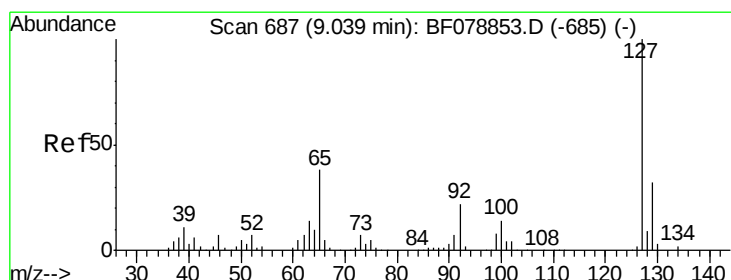
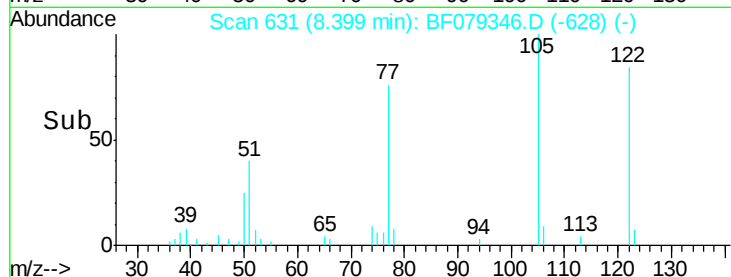
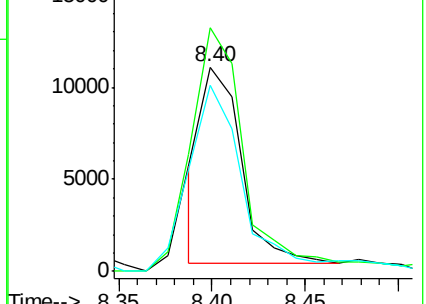
77 91.0 72.0 112.0



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: 32.69 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Tgt Ion:127 Resp: 115203

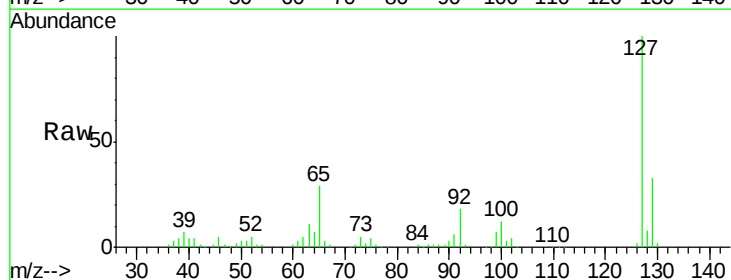
Ion Ratio Lower Upper

127 100

129 33.4 25.6 38.4

65 29.1 30.2 45.4#

92 17.8 17.5 26.3

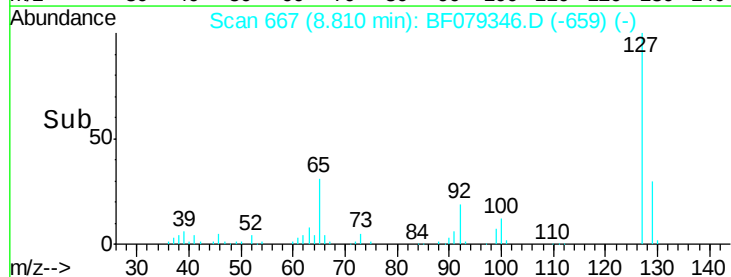
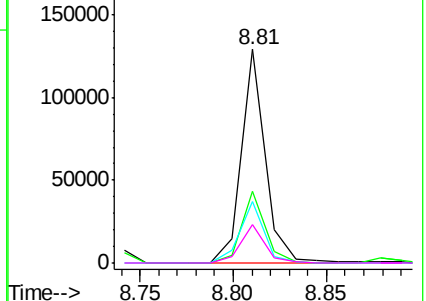


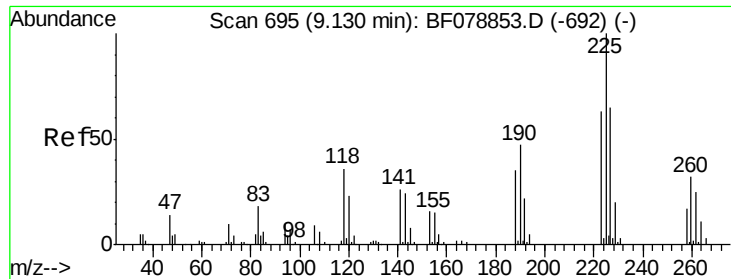
Abundance Ion 127.00 (126.70 to 127.70): E

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

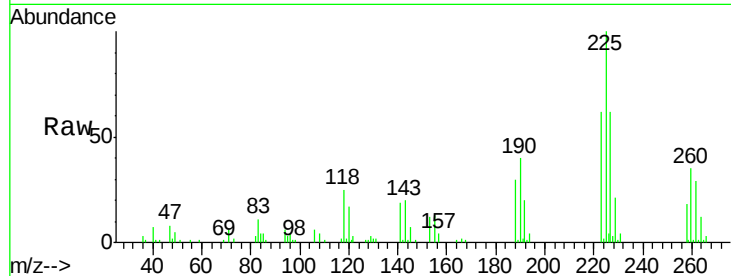




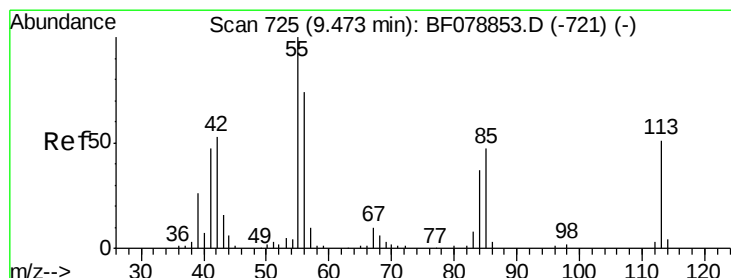
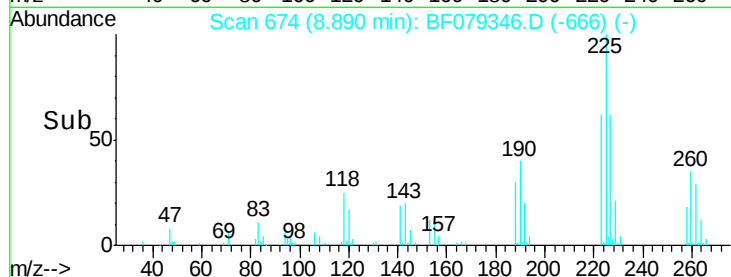
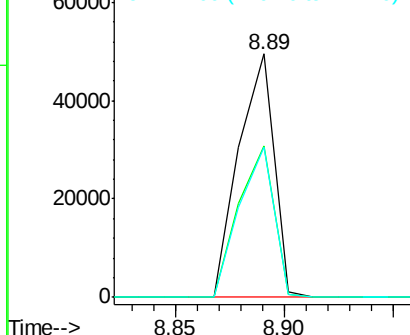
#34
Hexachlorobutadiene
Concen: 39.54 ng
RT: 8.89 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

Tgt Ion: 225 Resp: 55539
Ion Ratio Lower Upper
225 100
223 62.2 50.6 75.8
227 61.8 52.1 78.1

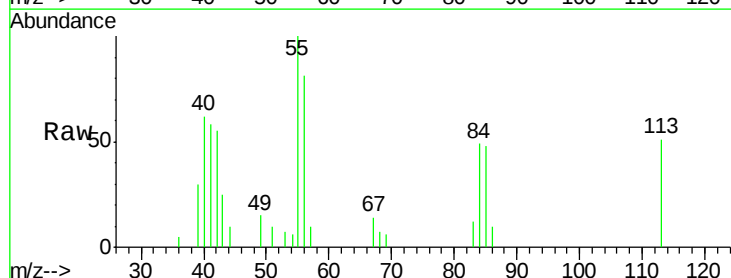


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

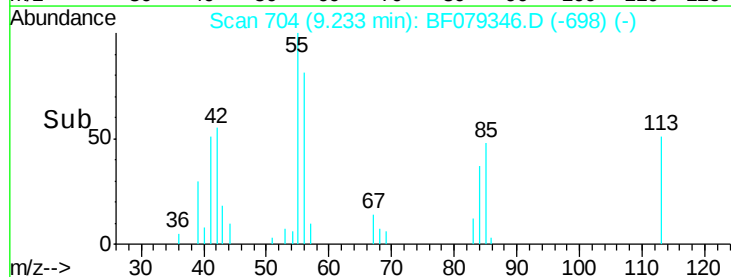
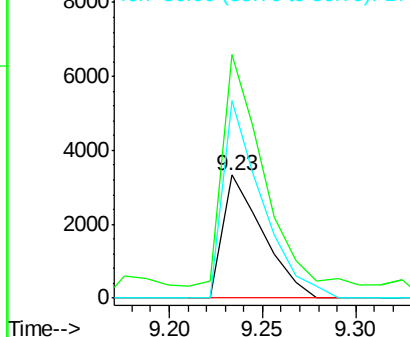


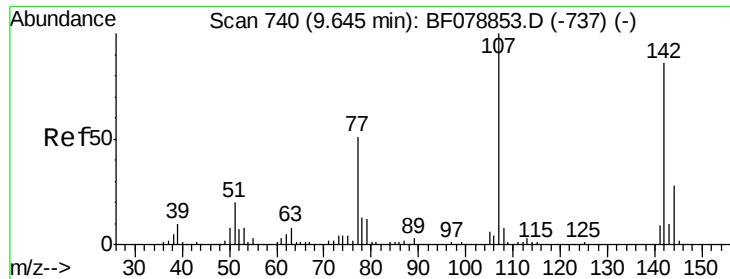
#35
Caprolactam
Concen: 6.97 ng
RT: 9.23 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion: 113 Resp: 5005
Ion Ratio Lower Upper
113 100
55 198.0 176.0 216.0
56 160.3 123.8 163.8



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

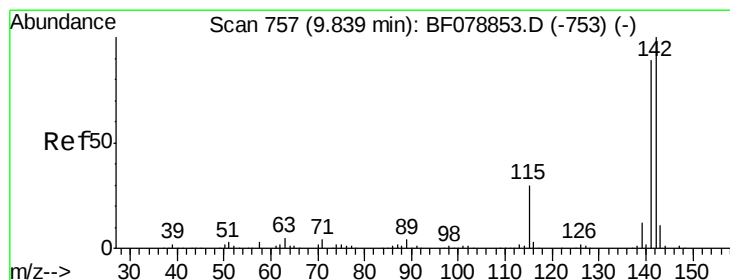
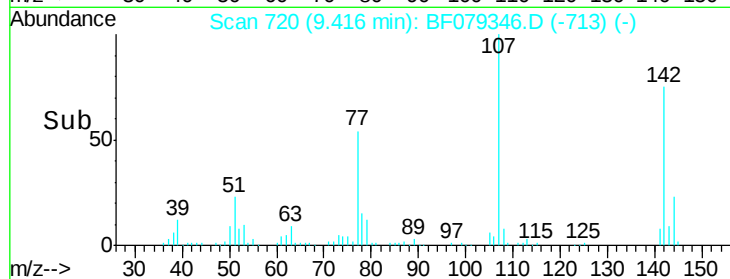
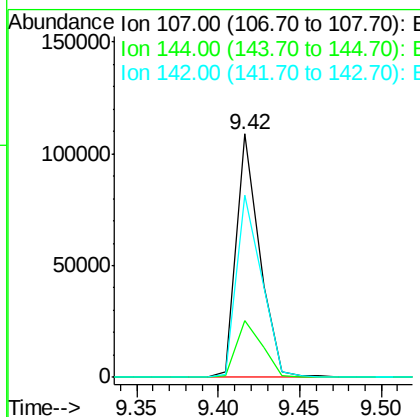
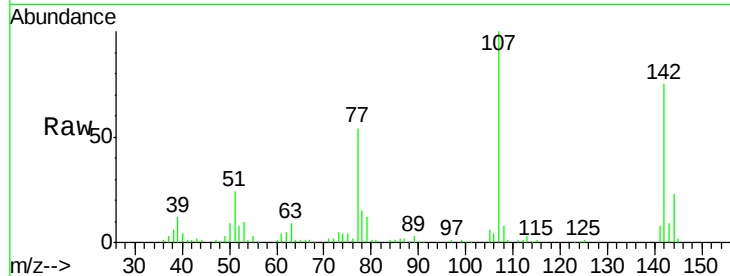




#36
 4-Chloro-3-methylphenol
 Concen: 46.16 ng
 RT: 9.42 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

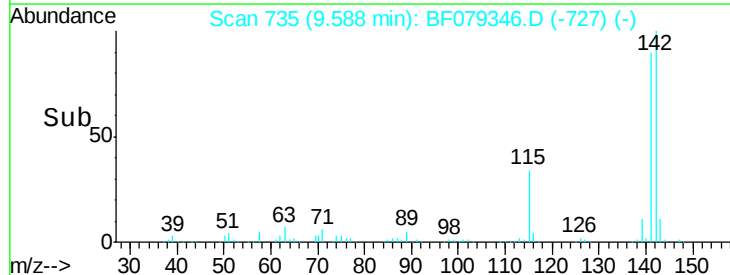
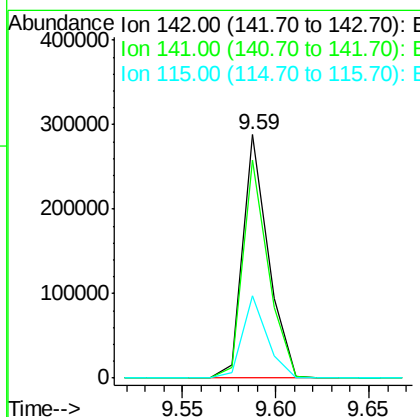
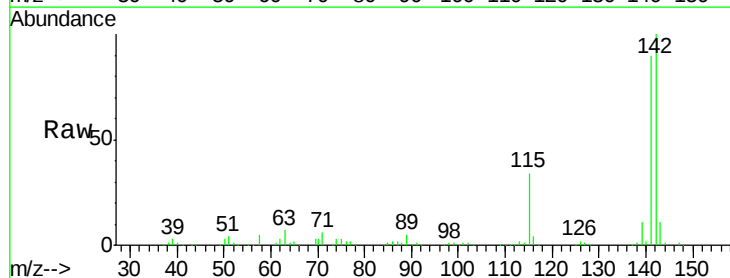
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

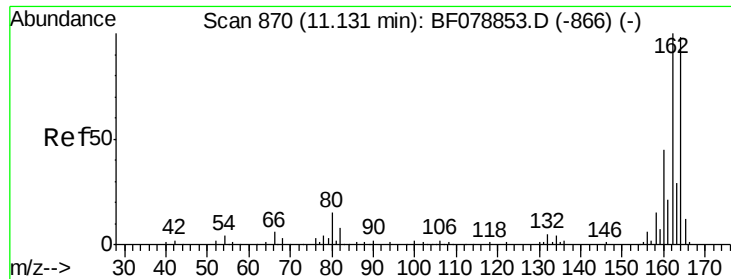
Tgt Ion:107 Resp: 107656
 Ion Ratio Lower Upper
 107 100
 144 23.4 22.5 33.7
 142 75.1 68.6 103.0



#37
 2-Methylnaphthalene
 Concen: 47.62 ng
 RT: 9.59 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion:142 Resp: 274891
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.6 107.4
 115 33.8 24.2 36.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

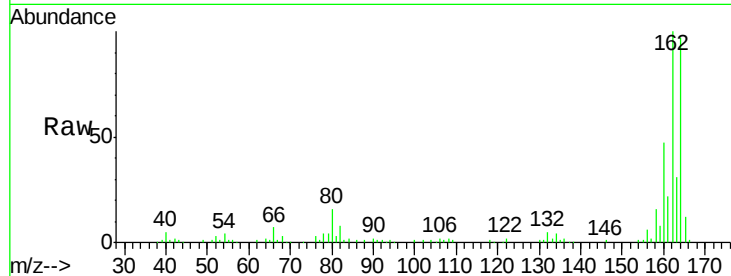
Tgt Ion:164 Resp: 85341

Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.0

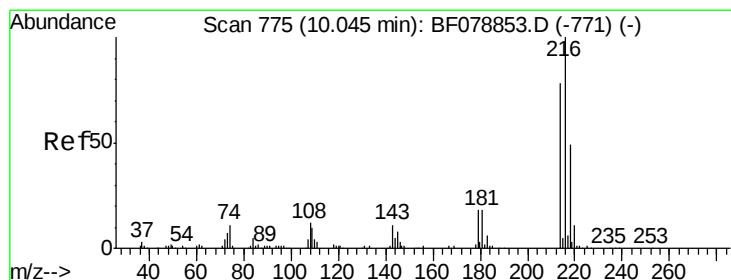
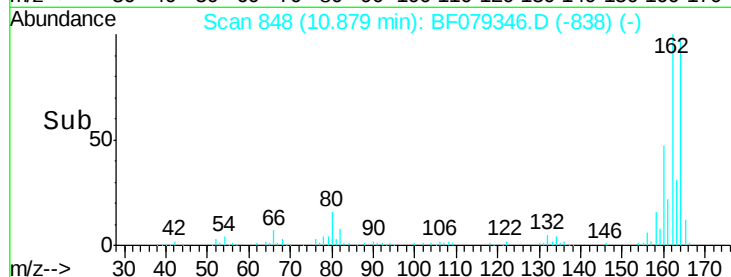
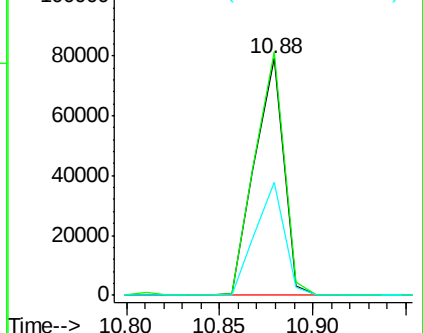
160 47.9 36.6 54.8



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: 45.45 ng

RT: 9.79 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Tgt Ion:216 Resp: 109238

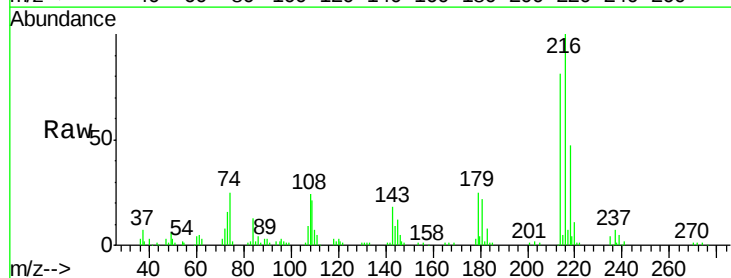
Ion Ratio Lower Upper

216 100

214 79.1 64.0 96.0

179 22.7 17.0 25.4

108 23.3 17.0 25.6

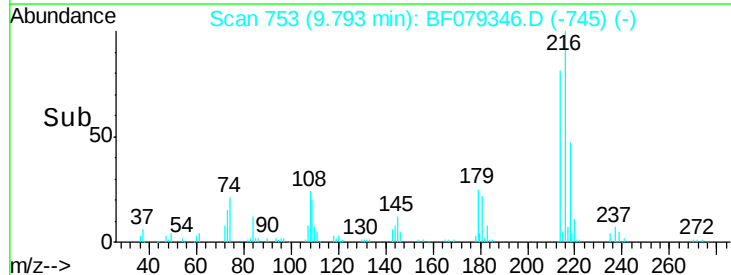
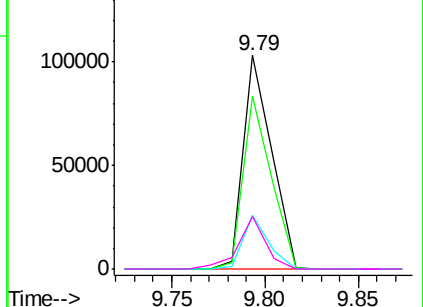


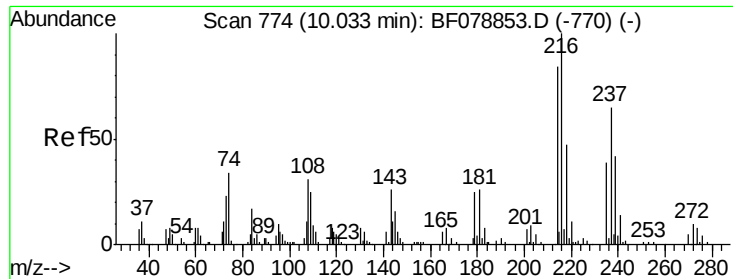
Abundance Ion 216.00 (215.70 to 216.70): E

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

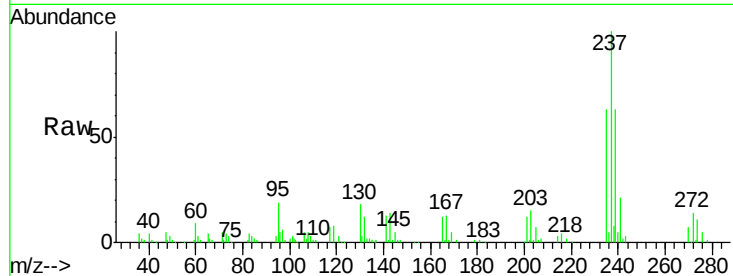




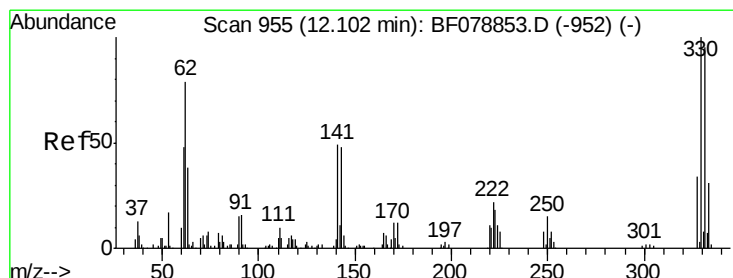
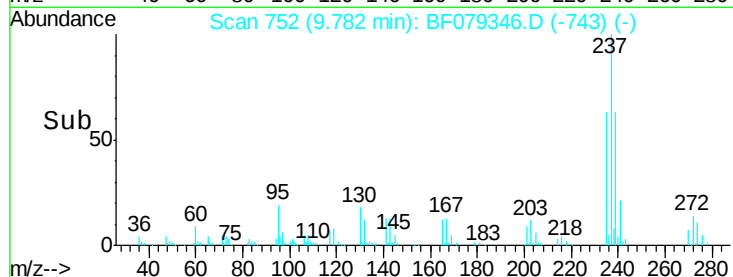
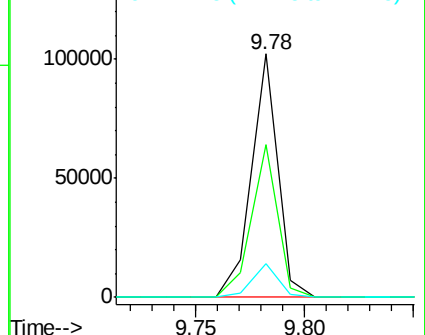
#40
Hexachlorocyclopentadiene
Concen: 71.04 ng
RT: 9.78 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

Tgt Ion:237 Resp: 85856
Ion Ratio Lower Upper
237 100
235 62.8 40.0 80.0
272 13.7 0.0 36.0

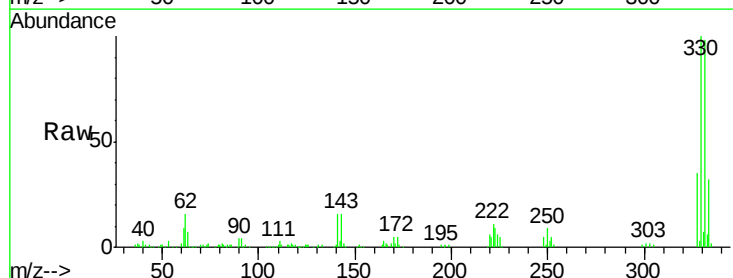


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

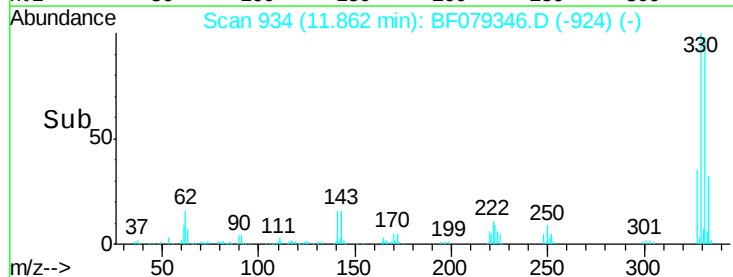
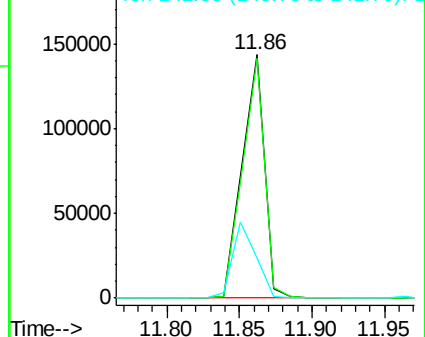


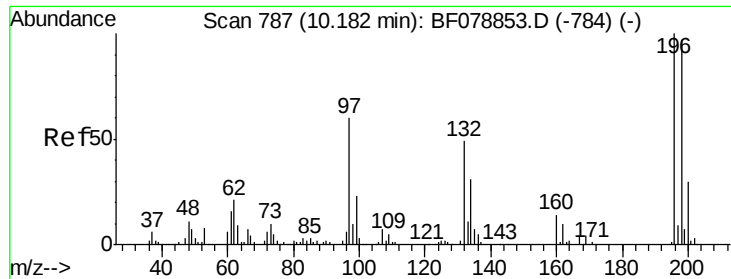
#41
2,4,6-Tribromophenol
Concen: 167.22 ng
RT: 11.86 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion:330 Resp: 154386
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 32.2 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

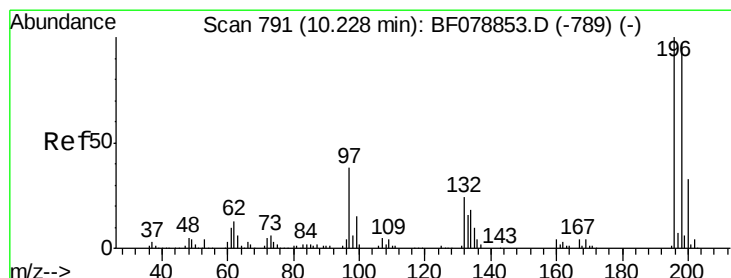
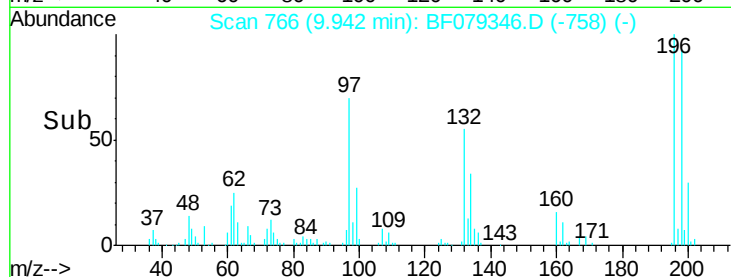
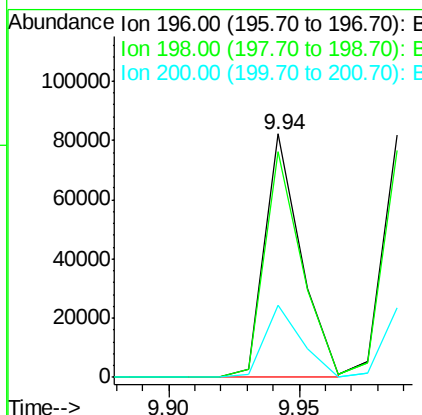
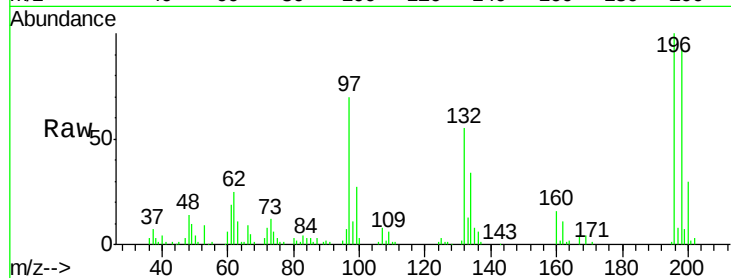




#42
 2,4,6-Trichlorophenol
 Concen: 48.10 ng
 RT: 9.94 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

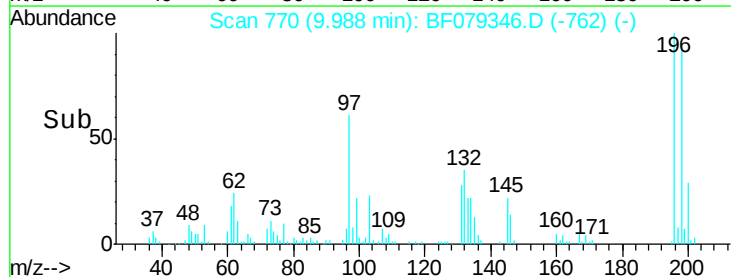
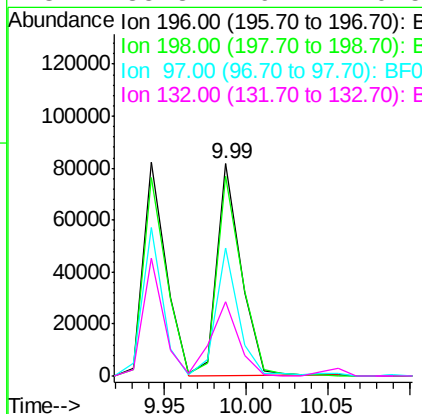
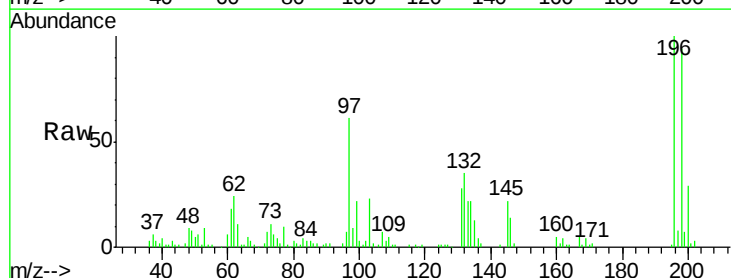
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

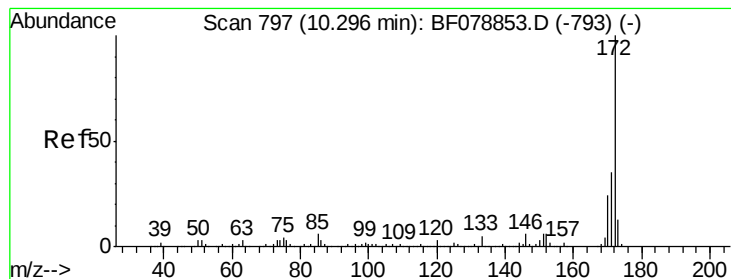
Tgt Ion:196 Resp: 79485
 Ion Ratio Lower Upper
 196 100
 198 92.9 77.4 116.2
 200 29.6 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 49.89 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion:196 Resp: 83339
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.3 115.9
 97 60.6 31.3 46.9#
 132 35.3 19.7 29.5#

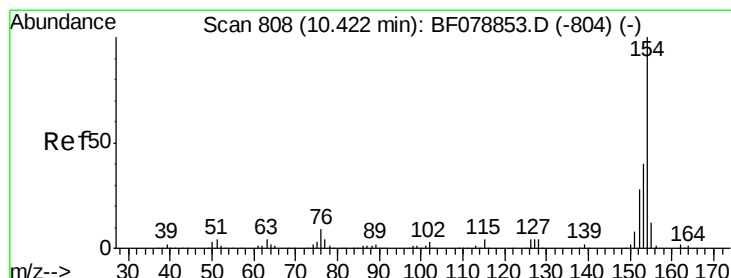
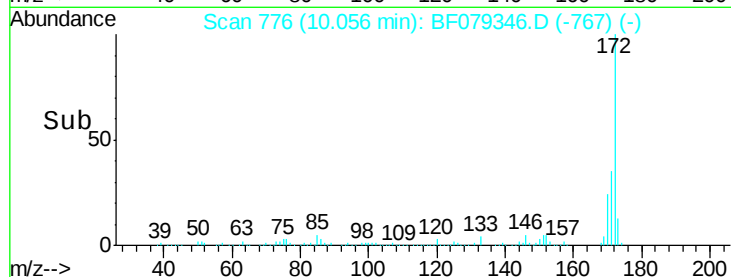
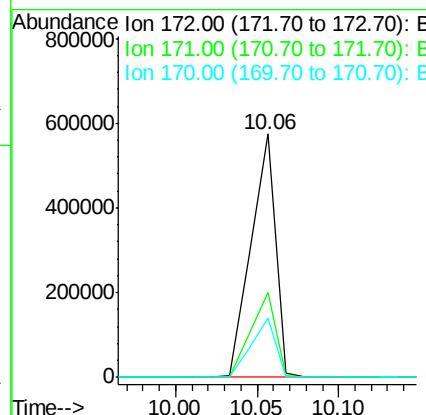
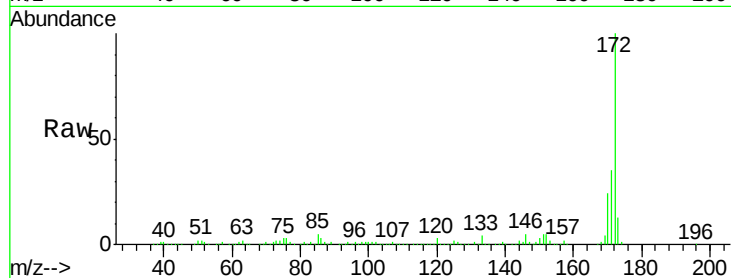




#44
 2-Fluorobiphenyl
 Concen: 97.69 ng
 RT: 10.06 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

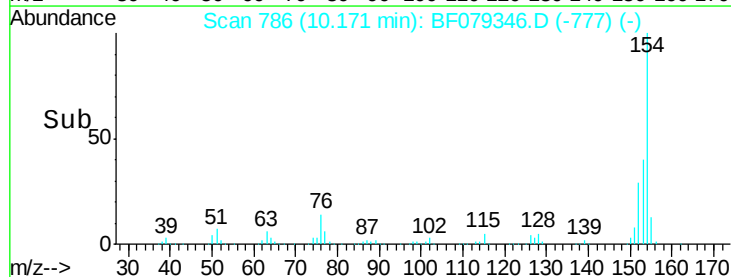
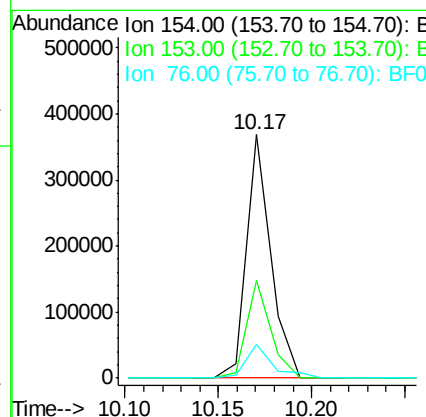
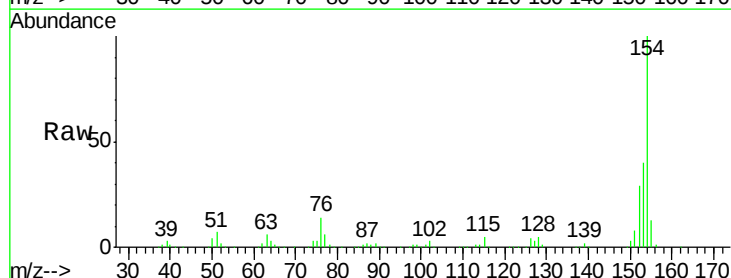
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

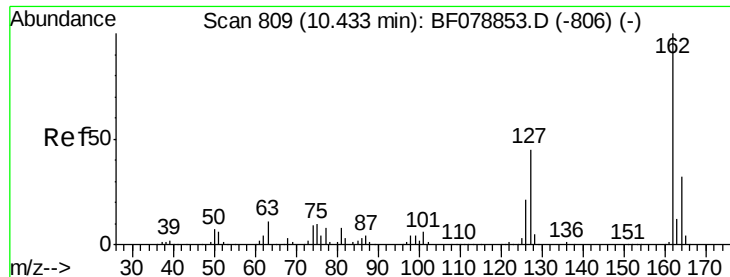
Tgt Ion:172 Resp: 598429
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.3 42.5
 170 24.1 19.4 29.2



#45
 1,1'-Biphenyl
 Concen: 49.10 ng
 RT: 10.17 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion:154 Resp: 333106
 Ion Ratio Lower Upper
 154 100
 153 40.3 19.7 59.7
 76 13.8 0.0 29.1

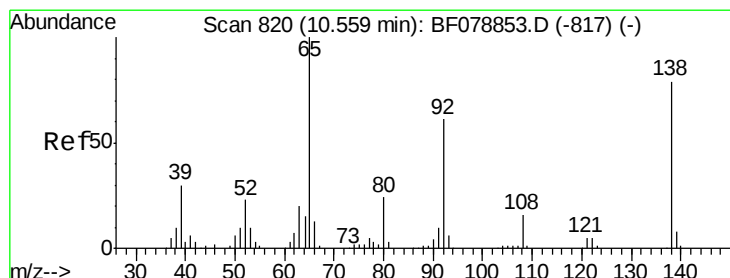
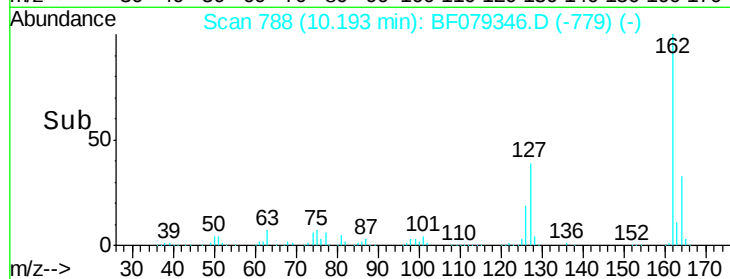
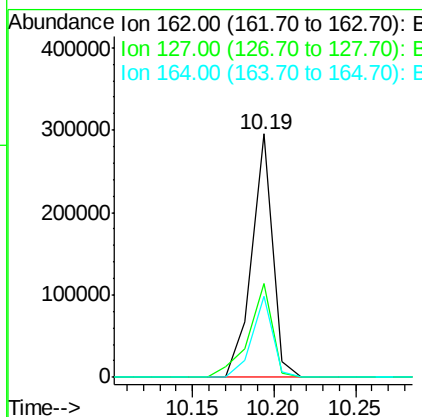
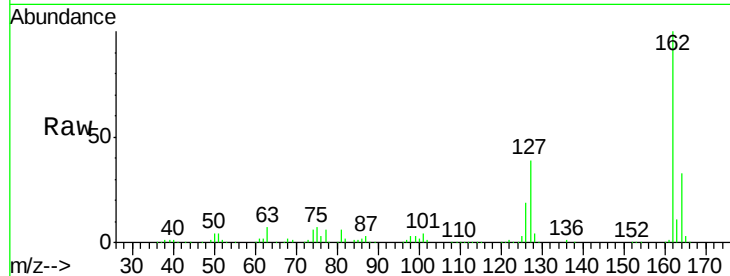




#46
 2-Chloronaphthalene
 Concen: 49.69 ng
 RT: 10.19 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

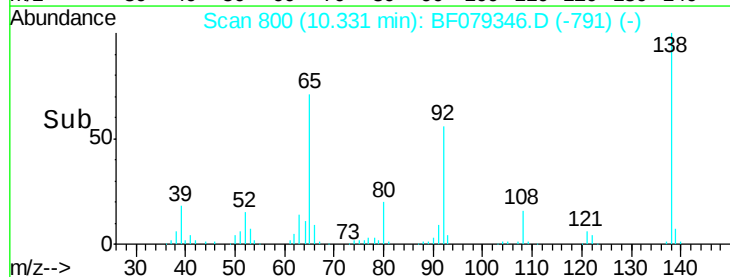
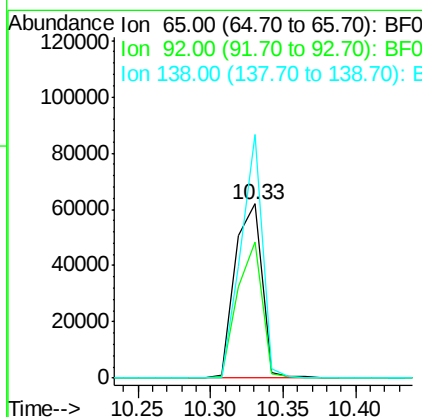
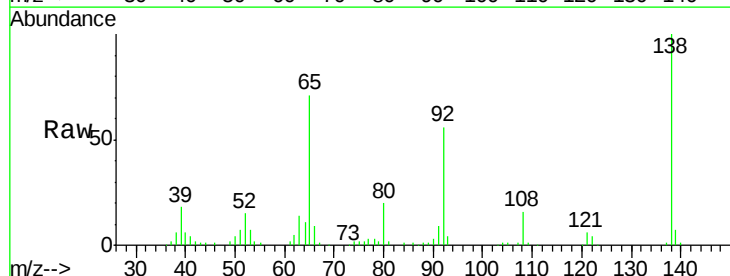
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

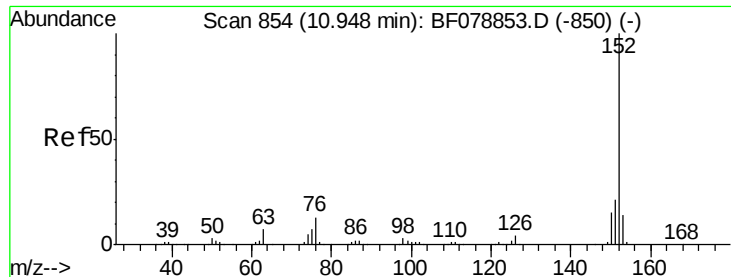
Tgt Ion: 162 Resp: 262977
 Ion Ratio Lower Upper
 162 100
 127 38.8 36.3 54.5
 164 33.4 25.9 38.9



#47
 2-Nitroaniline
 Concen: 52.48 ng
 RT: 10.33 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion: 65 Resp: 80475
 Ion Ratio Lower Upper
 65 100
 92 77.9 49.1 73.7#
 138 139.9 63.2 94.8#





#48

Acenaphthylene

Concen: 49.02 ng

RT: 10.70 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

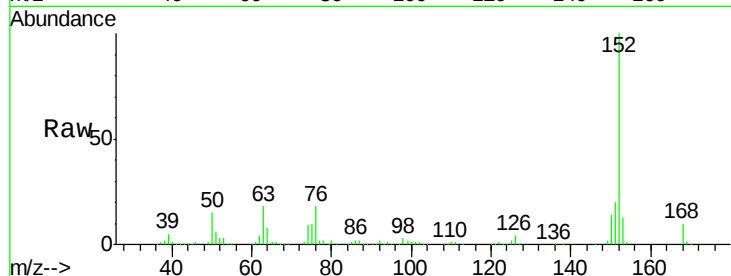
Tgt Ion:152 Resp: 425940

Ion Ratio Lower Upper

152 100

151 19.7 16.6 24.8

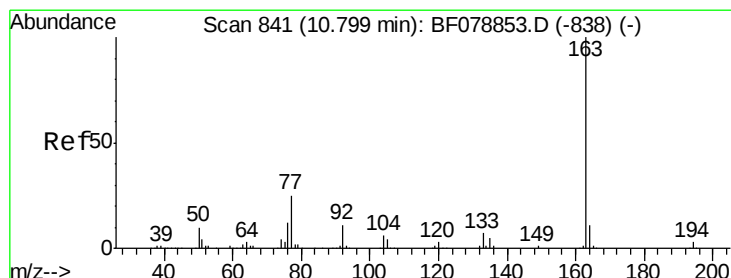
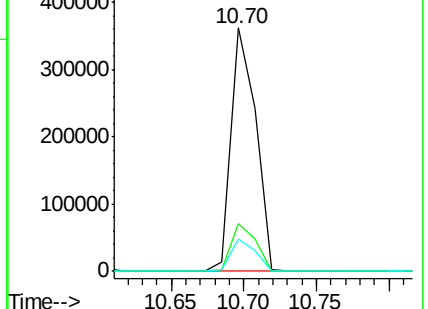
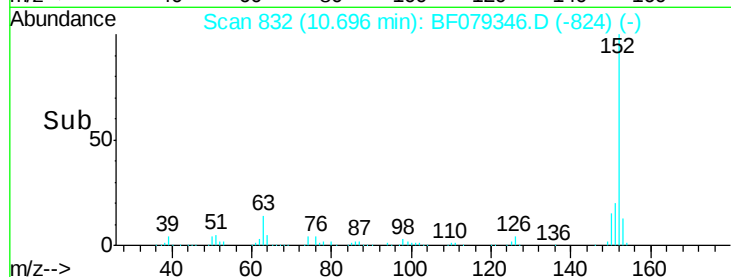
153 13.3 11.0 16.6



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: 51.43 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

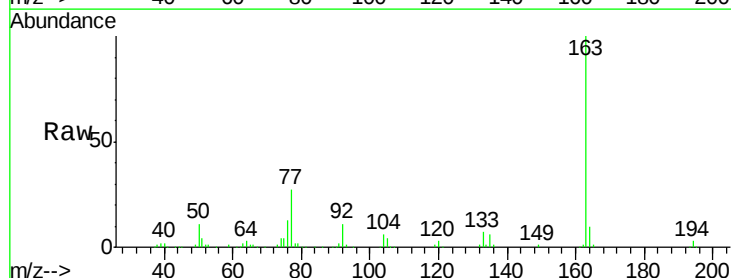
Tgt Ion:163 Resp: 322116

Ion Ratio Lower Upper

163 100

194 2.8 2.4 3.6

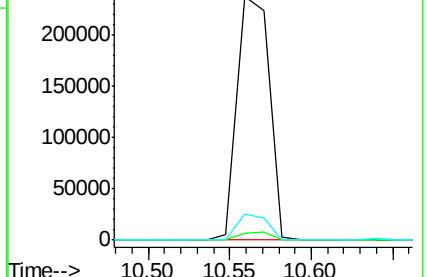
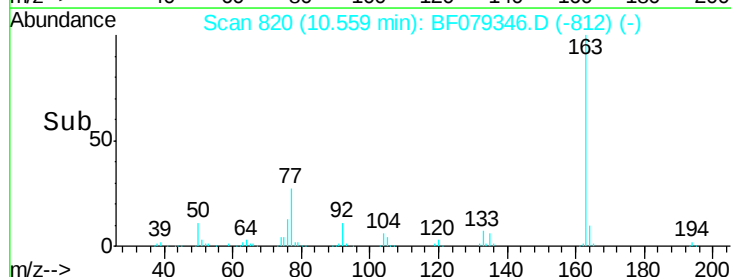
164 10.5 8.6 12.8

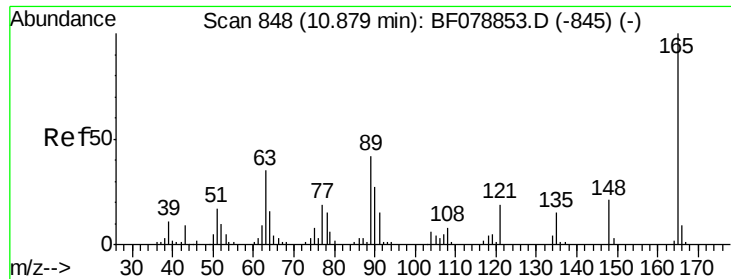


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

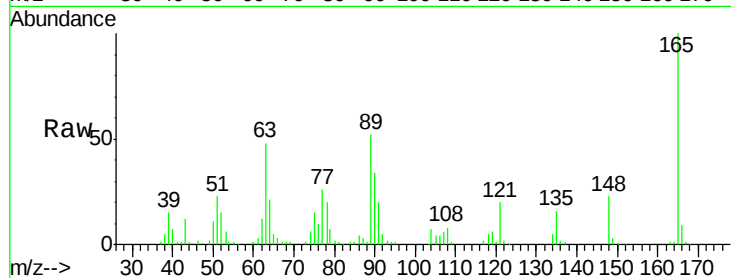




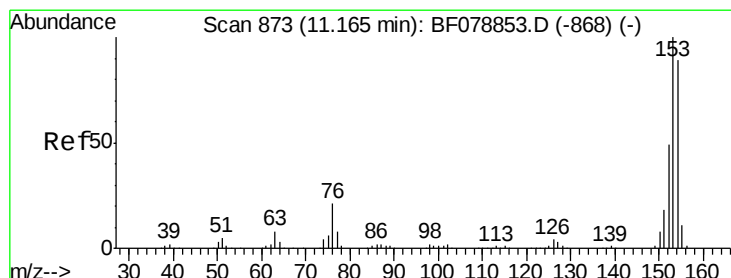
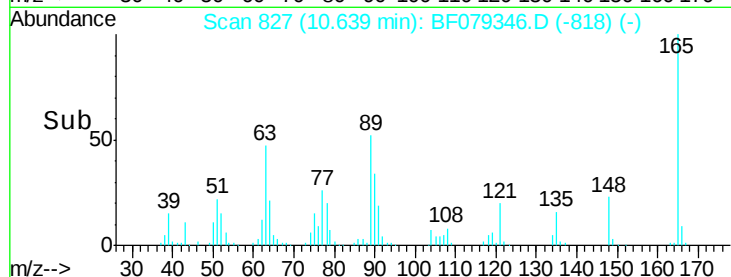
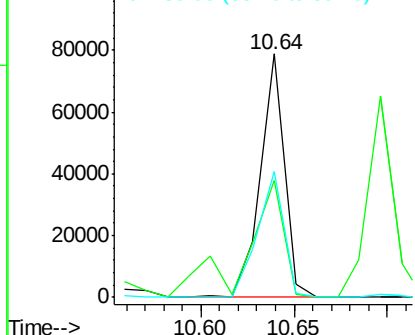
#50
2,6-Dinitrotoluene
Concen: 56.47 ng
RT: 10.64 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

Tgt Ion:165 Resp: 69801
Ion Ratio Lower Upper
165 100
63 47.9 29.2 43.8#
89 51.9 33.3 49.9#

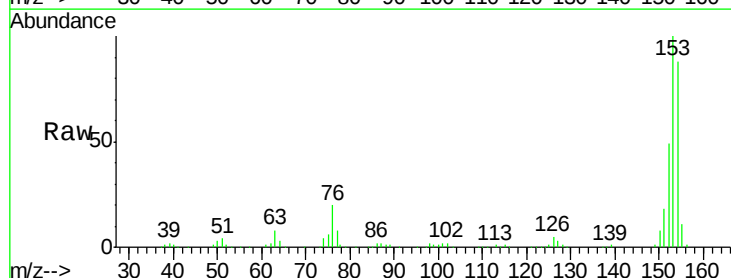


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

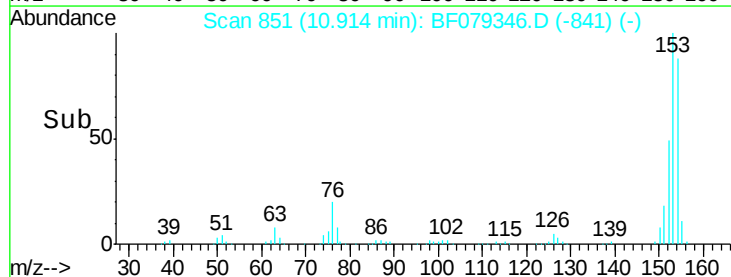
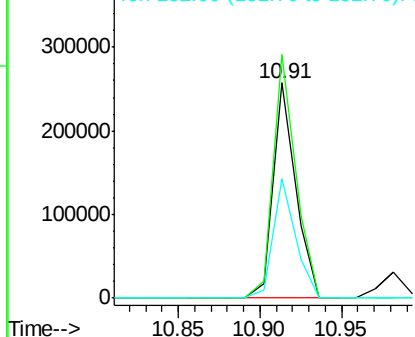


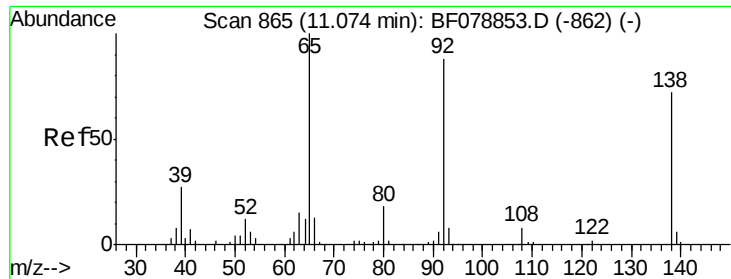
#51
Acenaphthene
Concen: 47.91 ng
RT: 10.91 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion:154 Resp: 248255
Ion Ratio Lower Upper
154 100
153 113.0 90.2 135.2
152 55.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

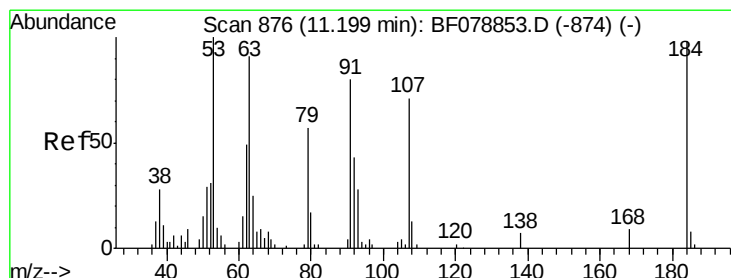
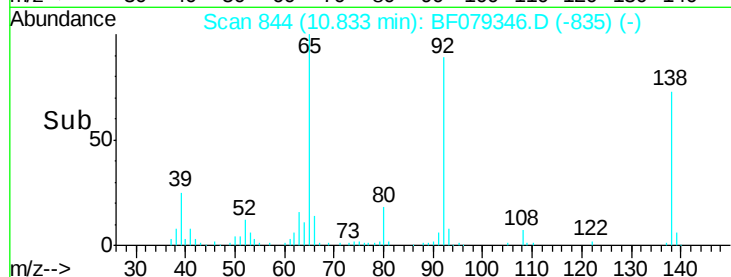
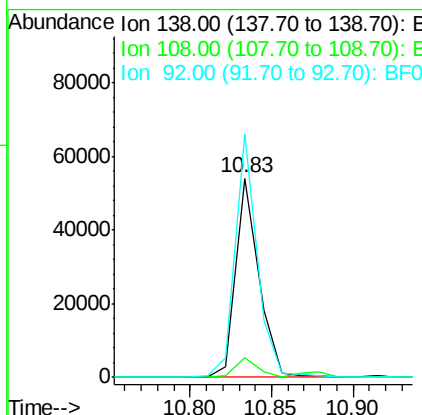
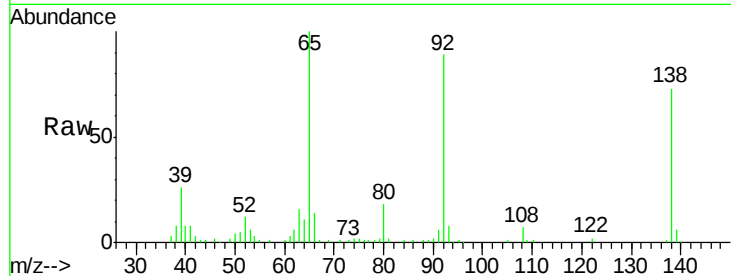




#52
 3-Nitroaniline
 Concen: 34.31 ng
 RT: 10.83 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

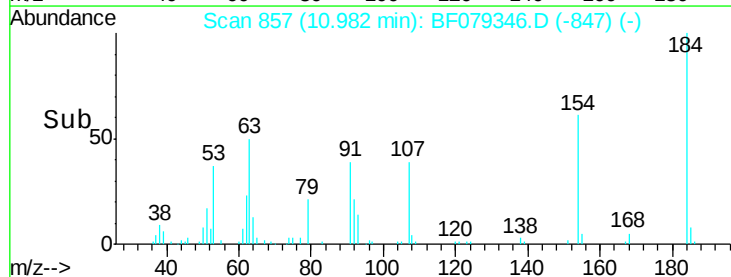
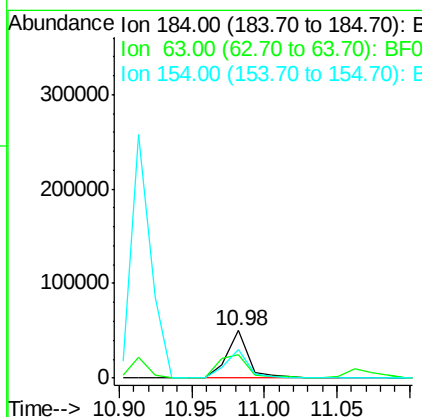
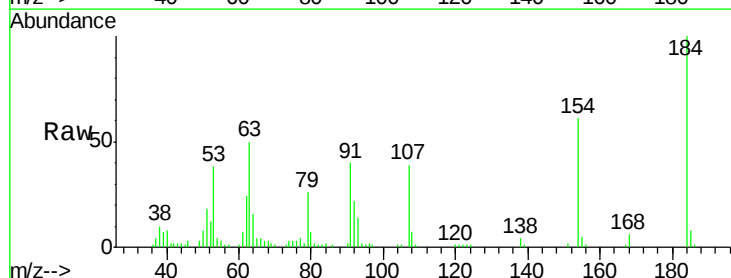
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

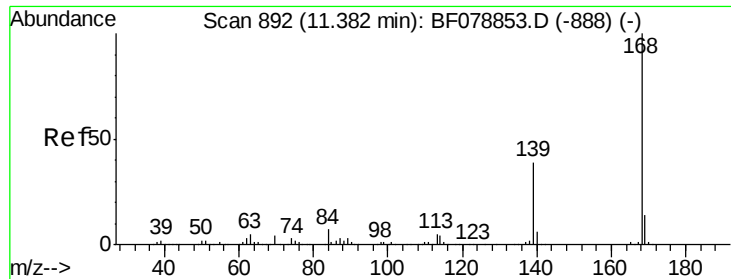
Tgt Ion:138 Resp: 52971
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.5 12.7
 92 122.4 97.4 146.0



#53
 2,4-Dinitrophenol
 Concen: 91.19 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion:184 Resp: 52592
 Ion Ratio Lower Upper
 184 100
 63 50.3 98.8 148.2#
 154 60.8 63.4 95.0#

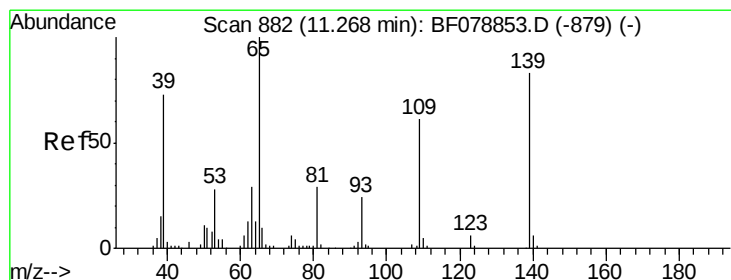
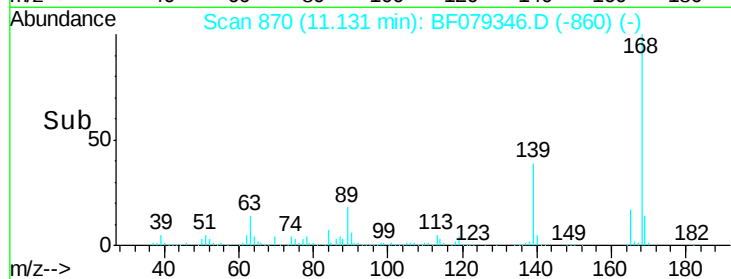
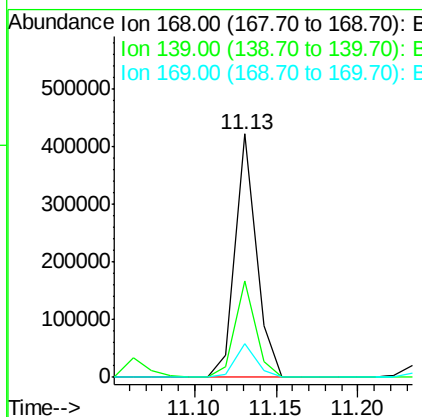
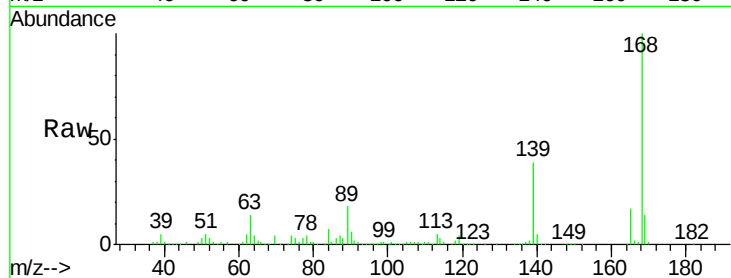




#54
Dibenzenofuran
Concen: 50.56 ng
RT: 11.13 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

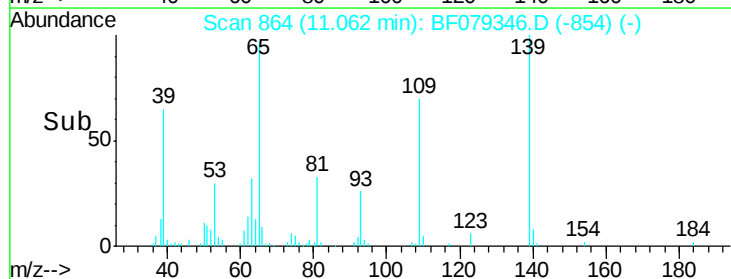
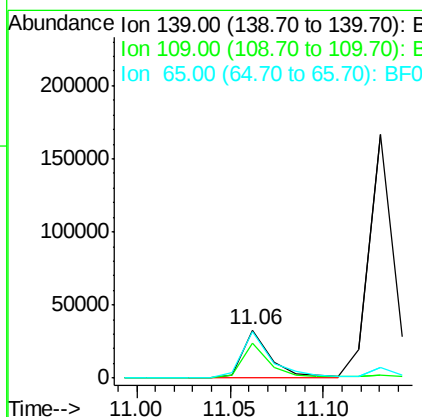
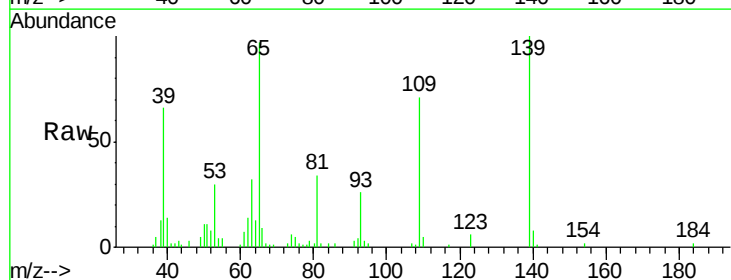
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

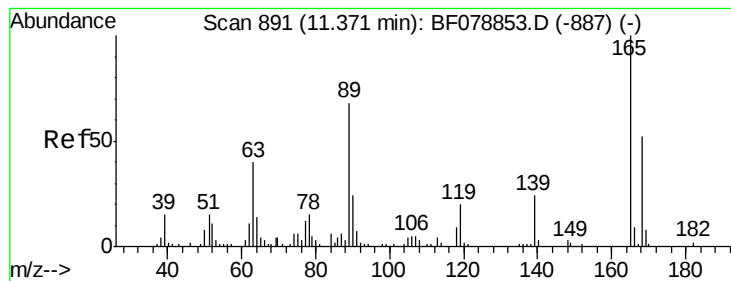
Tgt Ion:168 Resp: 378388
Ion Ratio Lower Upper
168 100
139 39.4 31.5 47.3
169 13.6 11.0 16.4



#55
4-Nitrophenol
Concen: 28.94 ng
RT: 11.06 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion:139 Resp: 35372
Ion Ratio Lower Upper
139 100
109 71.2 54.4 94.4
65 96.9 101.0 141.0#





#56

2,4-Dinitrotoluene

Concen: 52.35 ng

RT: 11.13 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

Tgt Ion:165 Resp: 85543

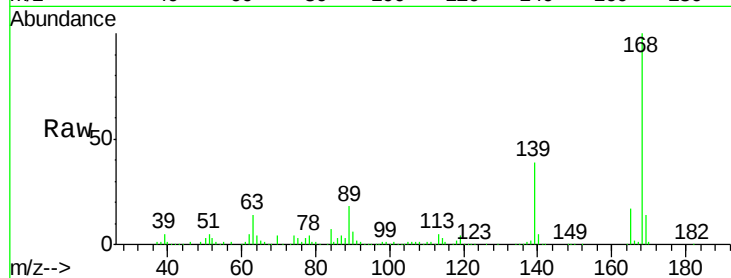
Ion Ratio Lower Upper

165 100

63 85.3 32.3 48.5#

89 106.6 54.6 81.8#

182 1.9 1.8 2.6



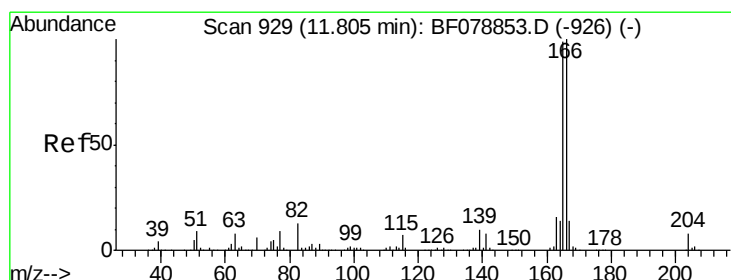
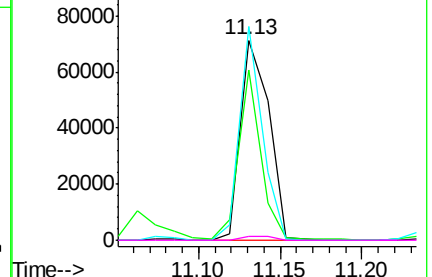
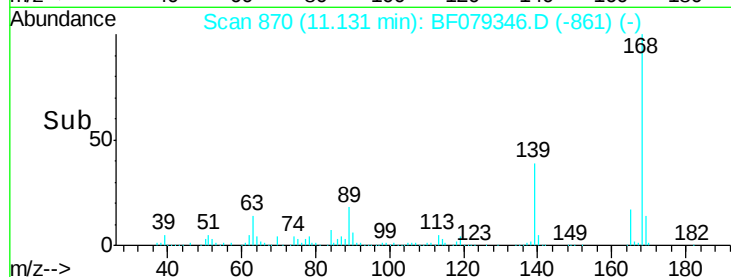
Abundance Ion 165.00 (164.70 to 165.70): E

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

Time-->



#57

Fluorene

Concen: 51.66 ng

RT: 11.55 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

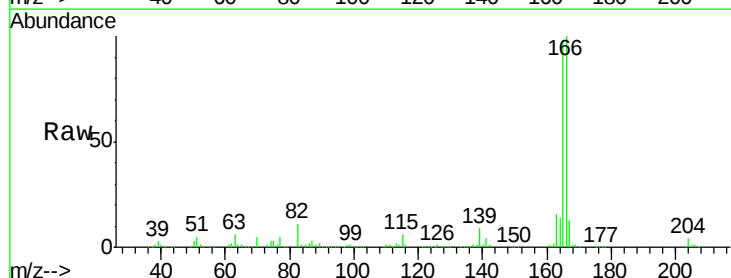
Tgt Ion:166 Resp: 317369

Ion Ratio Lower Upper

166 100

165 97.6 79.5 119.3

167 13.3 11.0 16.6

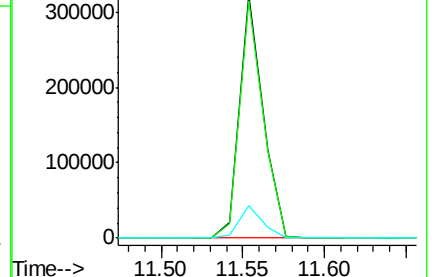
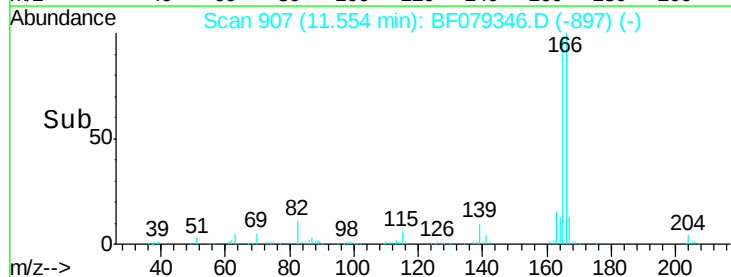


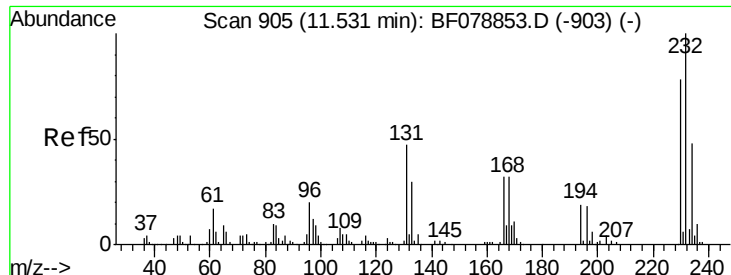
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

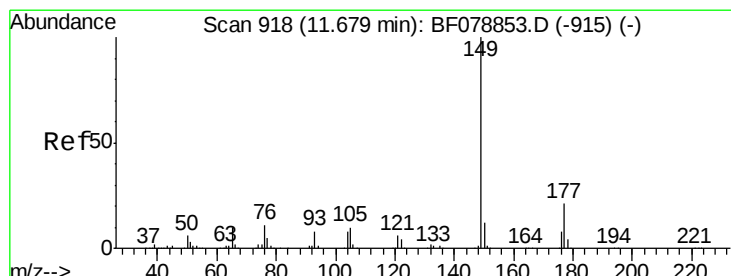
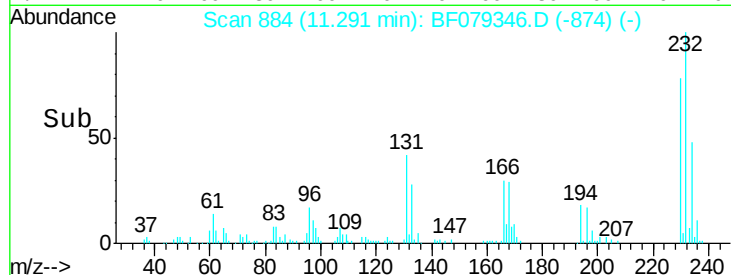
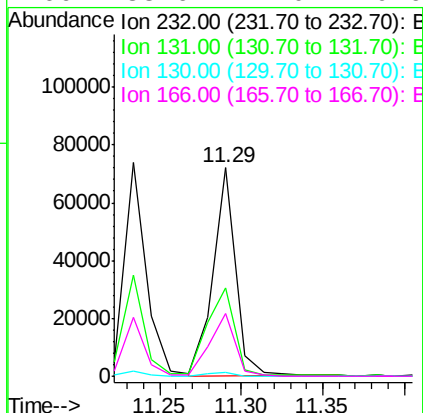
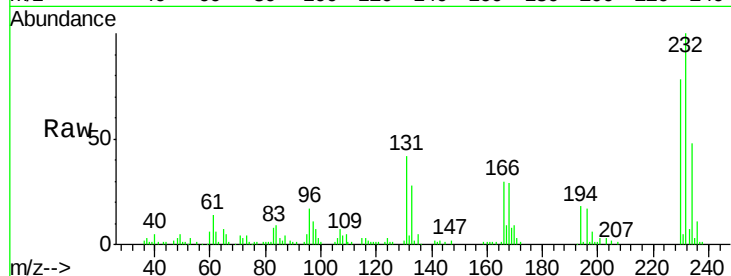




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.93 ng
 RT: 11.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

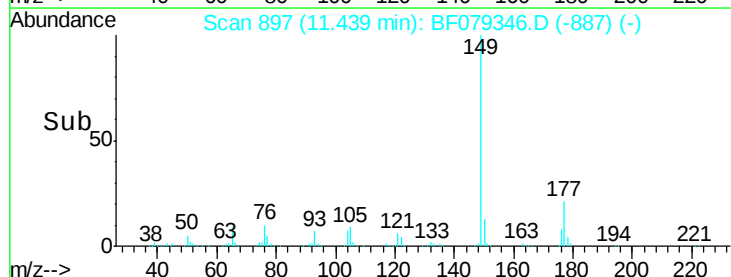
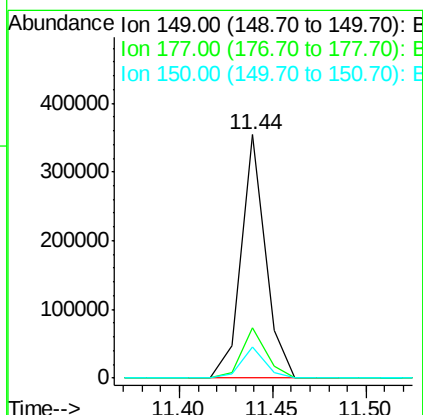
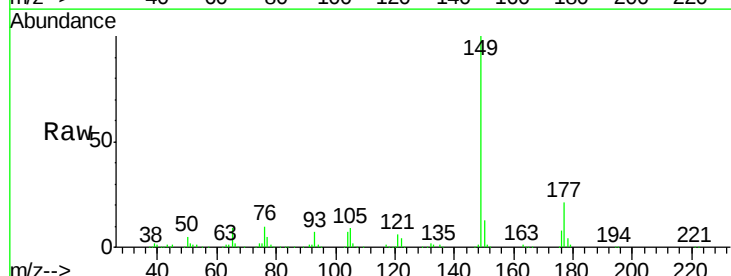
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

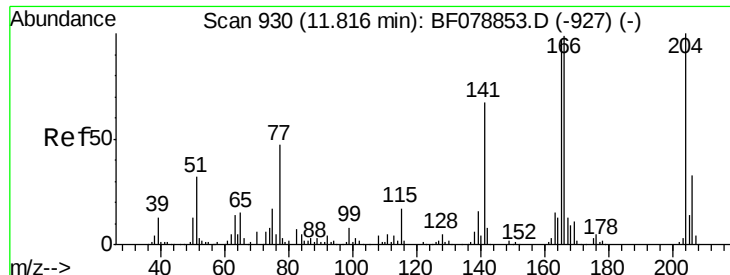
Tgt Ion:	232	Resp:	69533
Ion	Ratio	Lower	Upper
232	100		
131	51.0	41.9	62.9
130	2.3	1.9	2.9
166	33.6	27.0	40.6



#59
 Diethylphthalate
 Concen: 52.03 ng
 RT: 11.44 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion:	149	Resp:	322827
Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.4	24.6
150	12.6	9.8	14.6

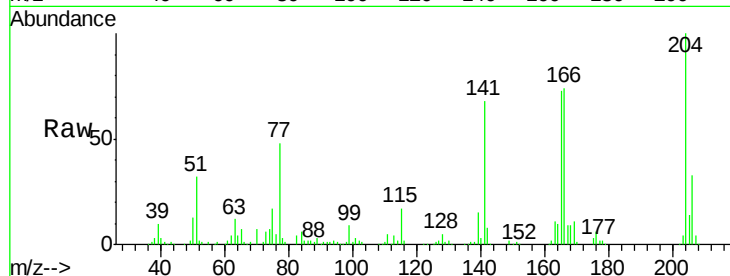




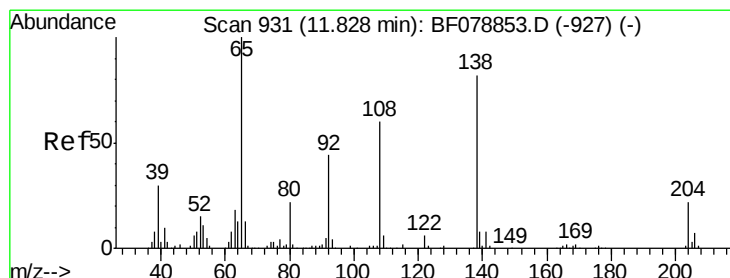
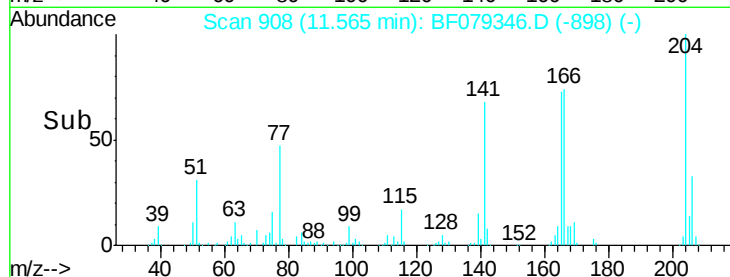
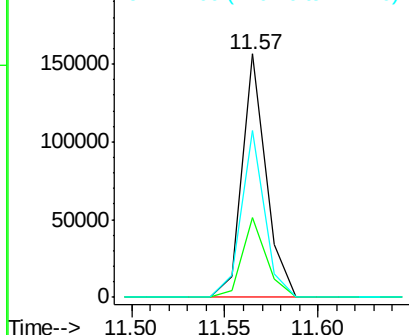
#60
4-Chlorophenyl-phenylether
Concen: 51.48 ng
RT: 11.57 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

Tgt Ion:204 Resp: 140285
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 68.3 53.6 80.4

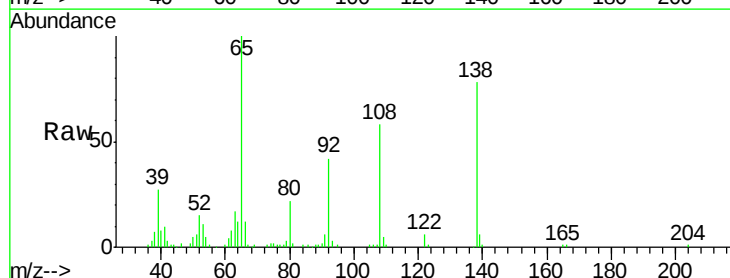


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

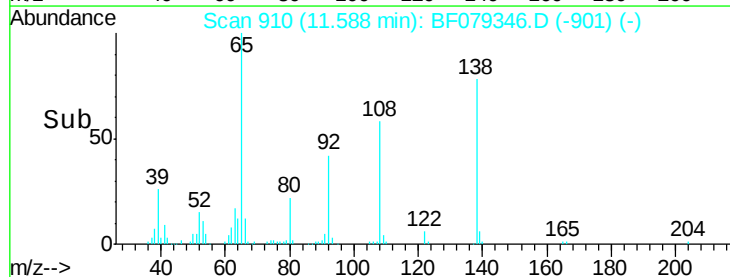
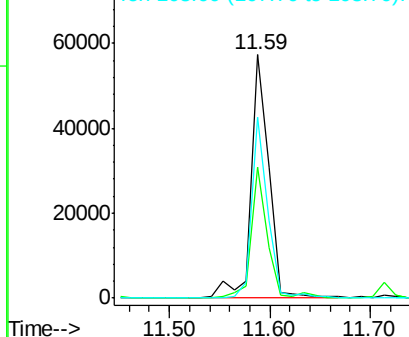


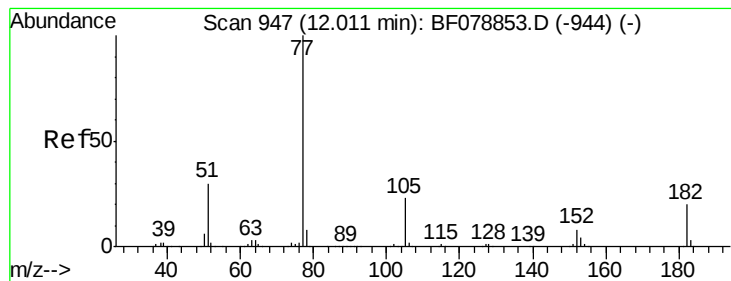
#61
4-Nitroaniline
Concen: 45.55 ng
RT: 11.59 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion:138 Resp: 70364
Ion Ratio Lower Upper
138 100
92 53.7 33.7 73.7
108 74.5 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: 52.25 ng

RT: 11.76 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

Tgt Ion: 77 Resp: 319455

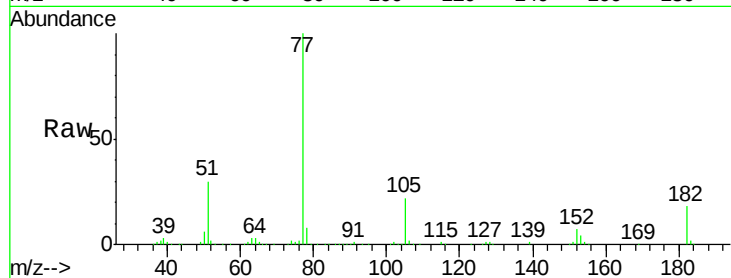
Ion Ratio Lower Upper

77 100

182 18.0 0.0 40.0

105 22.4 2.9 42.9

51 30.0 10.0 50.0

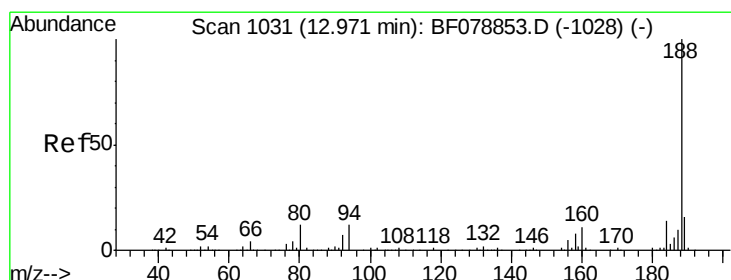
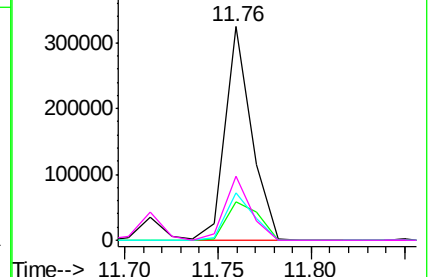
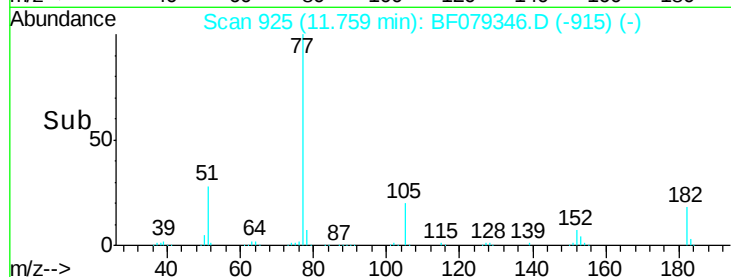


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF079346.D

Acq: 19 May 2015 17:15

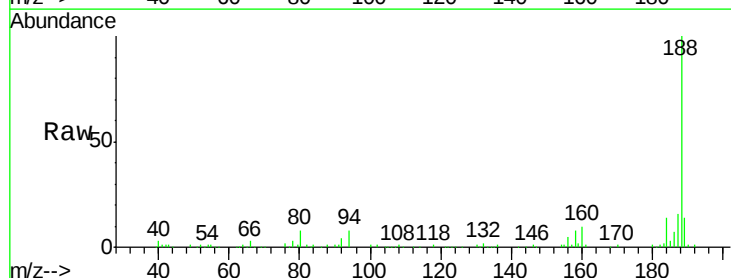
Tgt Ion: 188 Resp: 163875

Ion Ratio Lower Upper

188 100

94 7.9 9.4 14.0#

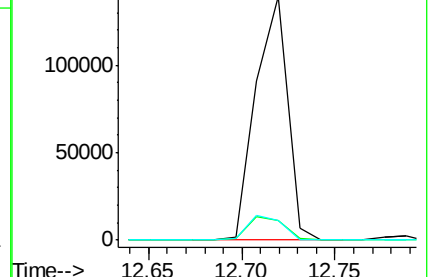
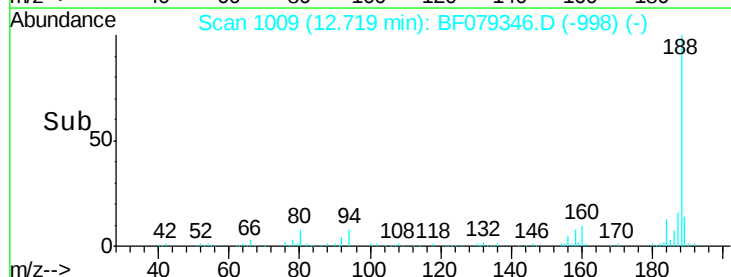
80 7.9 9.8 14.6#

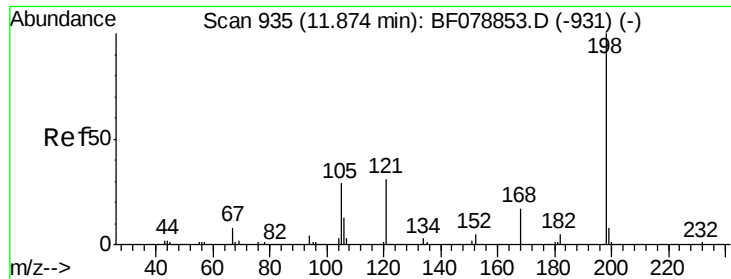


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

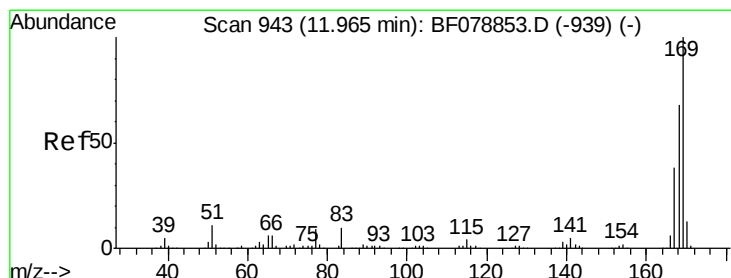
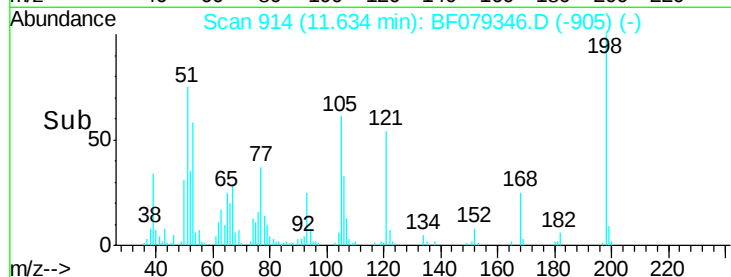
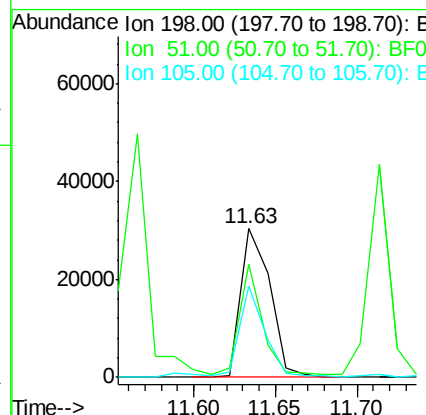
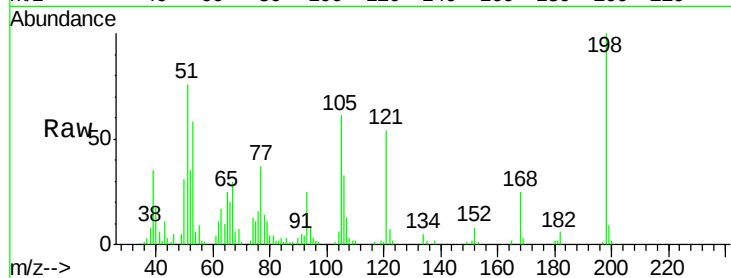




#64
4,6-Dinitro-2-methylphenol
Concen: 52.56 ng
RT: 11.63 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

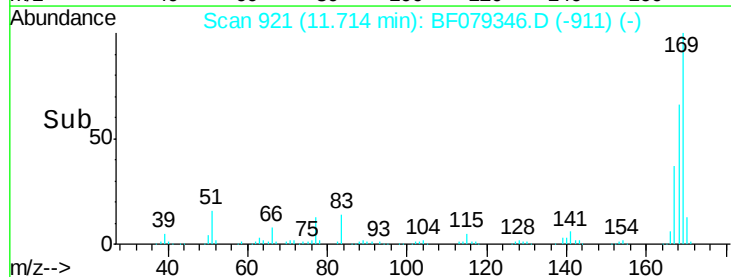
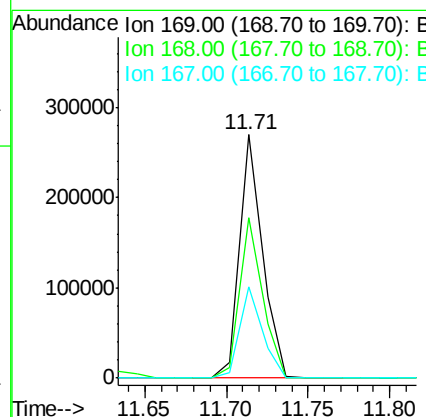
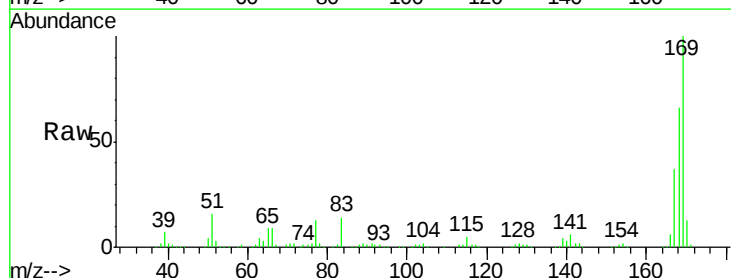
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

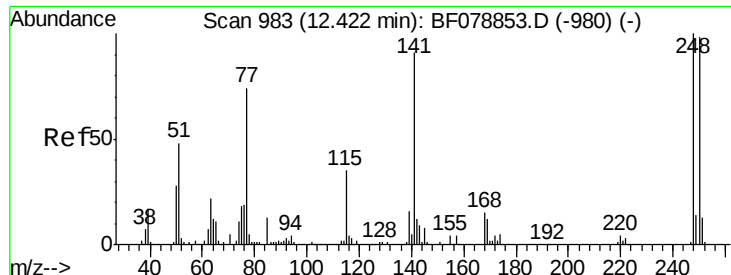
Tgt Ion:198 Resp: 37314
Ion Ratio Lower Upper
198 100
51 76.1 7.0 47.0#
105 61.5 13.7 53.7#



#65
n-Nitrosodiphenylamine
Concen: 47.60 ng
RT: 11.71 min Scan# 921
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion:169 Resp: 259780
Ion Ratio Lower Upper
169 100
168 65.8 54.1 81.1
167 37.4 30.1 45.1

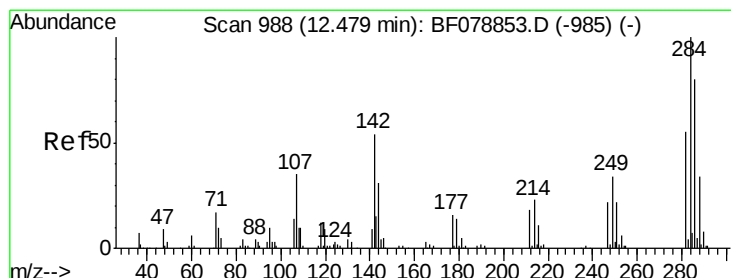
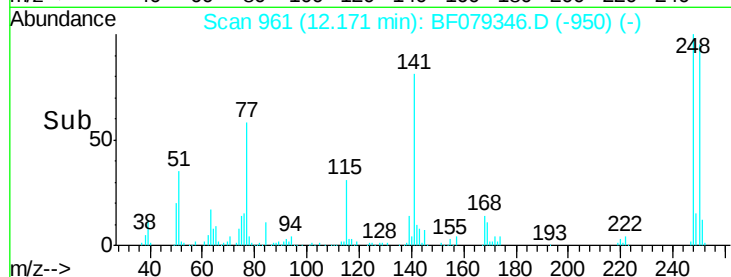
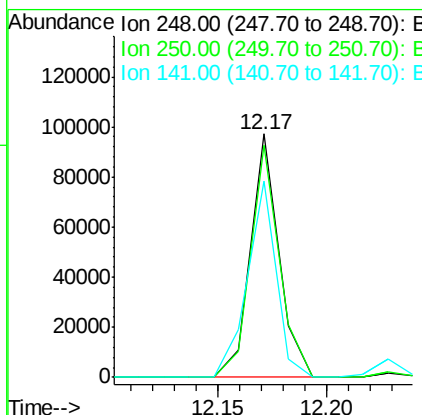
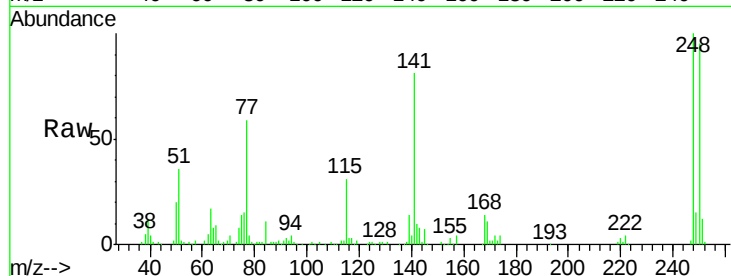




#66
 4-Bromophenyl-phenylether
 Concen: 51.69 ng
 RT: 12.17 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

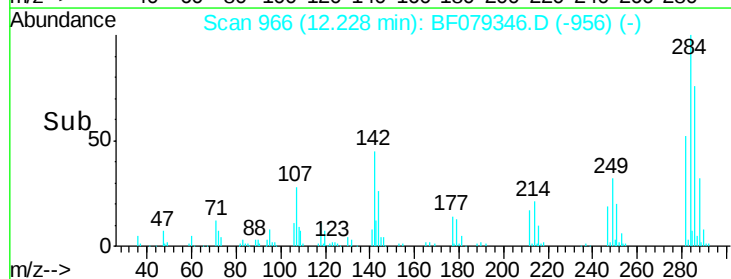
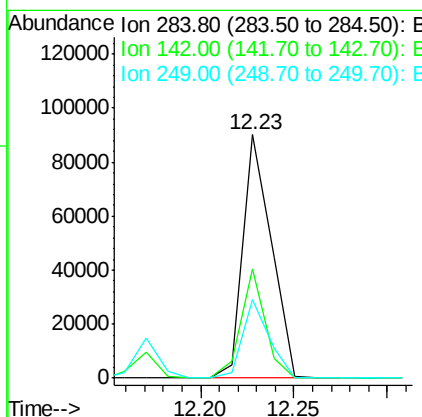
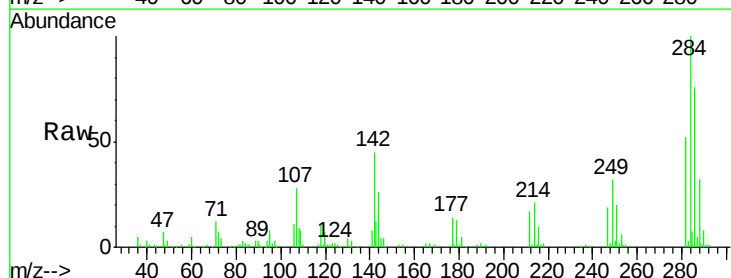
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

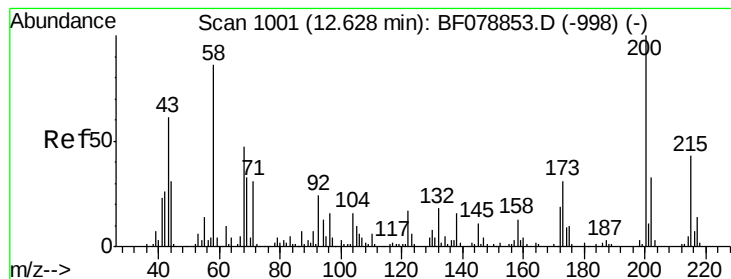
Tgt Ion:248 Resp: 88298
 Ion Ratio Lower Upper
 248 100
 250 95.3 78.0 117.0
 141 80.7 72.6 109.0



#67
 Hexachlorobenzene
 Concen: 49.34 ng
 RT: 12.23 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion:284 Resp: 96326
 Ion Ratio Lower Upper
 284 100
 142 45.1 43.2 64.8
 249 32.3 27.5 41.3





#68

Atrazine

Concen: 51.75 ng

RT: 12.40 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

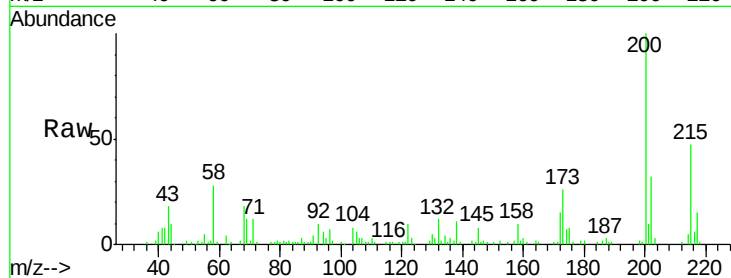
Tgt Ion:200 Resp: 82125

Ion Ratio Lower Upper

200 100

173 25.6 10.9 50.9

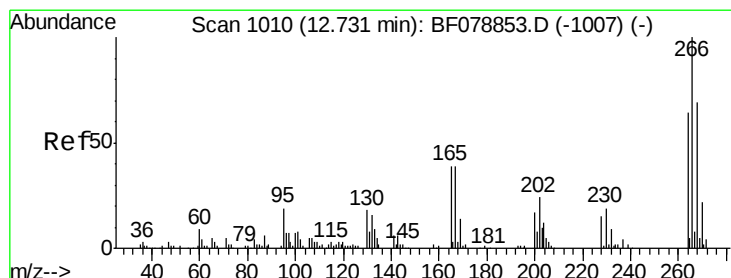
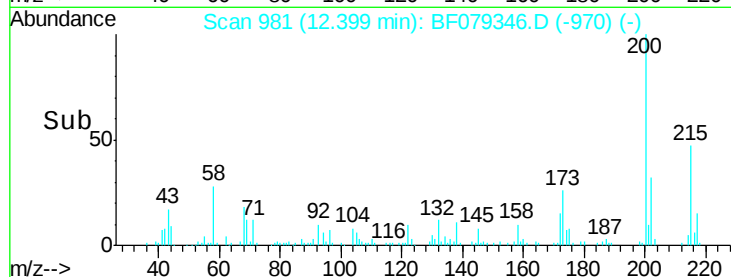
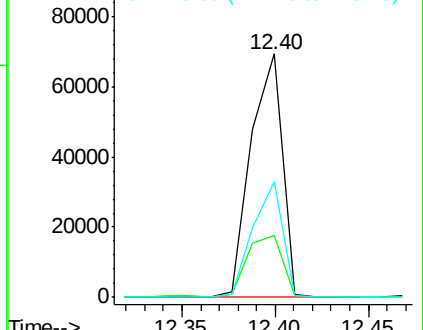
215 47.3 23.2 63.2



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: 84.78 ng

RT: 12.48 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

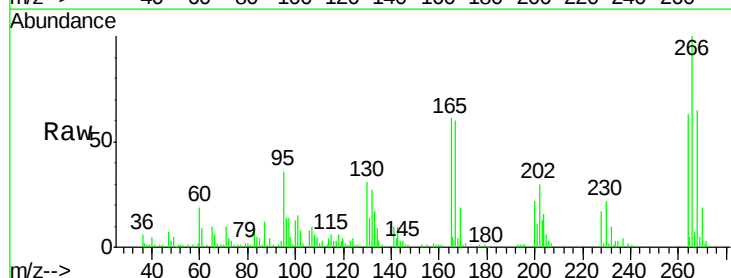
Tgt Ion:266 Resp: 97351

Ion Ratio Lower Upper

266 100

268 65.2 55.0 82.6

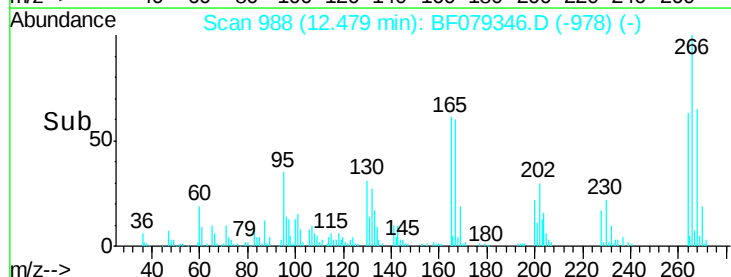
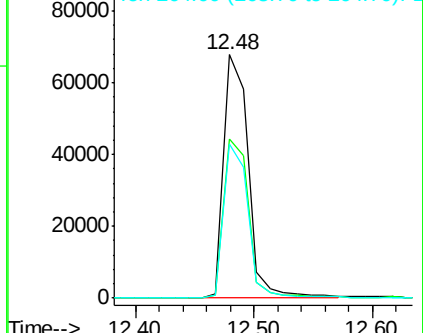
264 63.3 50.9 76.3

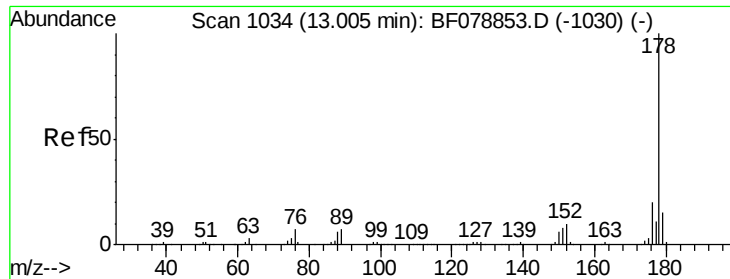


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

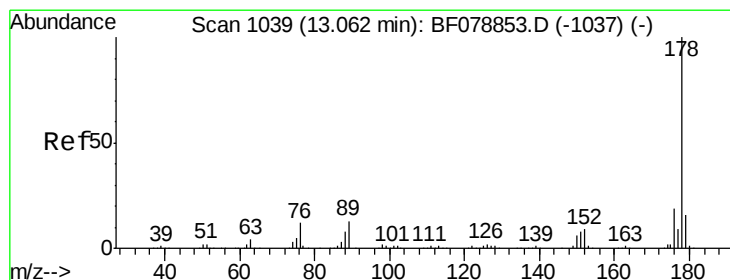
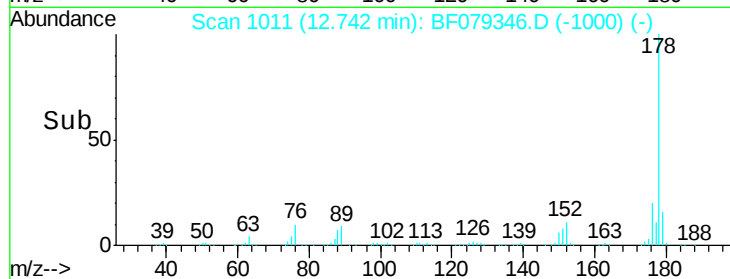
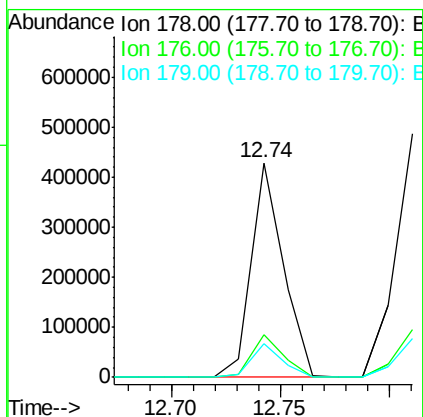
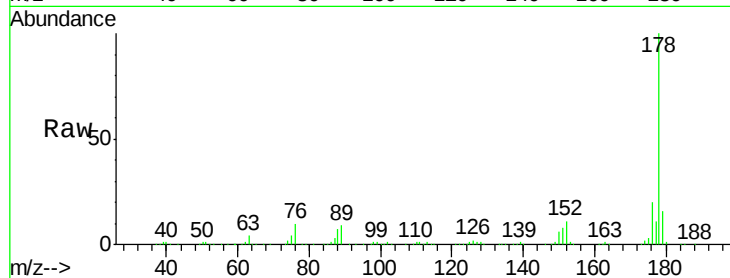




#70
Phenanthrene
Concen: 48.03 ng
RT: 12.74 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

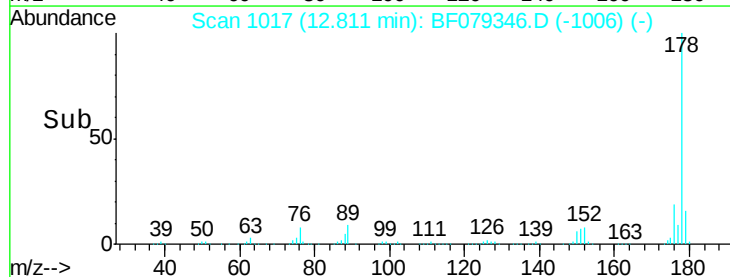
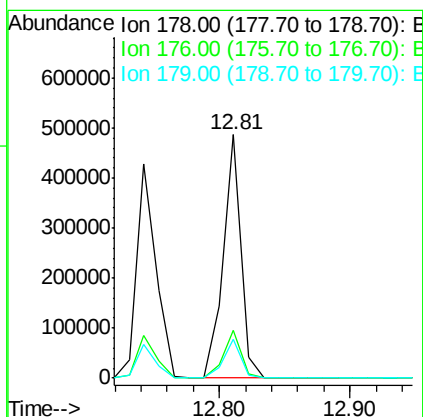
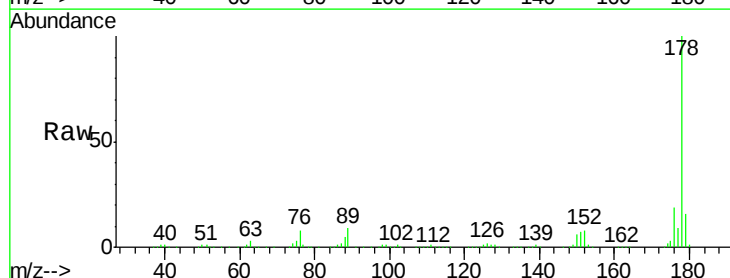
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

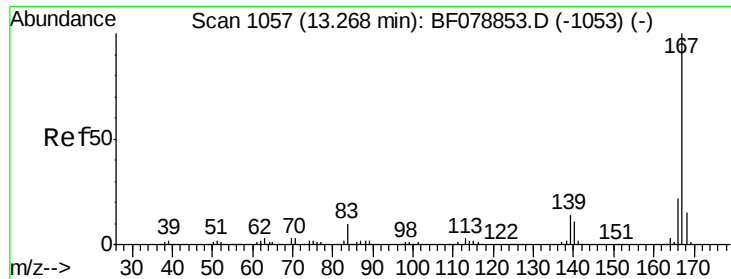
Tgt Ion:178 Resp: 440322
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.6 12.2 18.4



#71
Anthracene
Concen: 51.75 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion:178 Resp: 465464
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.7 12.6 19.0

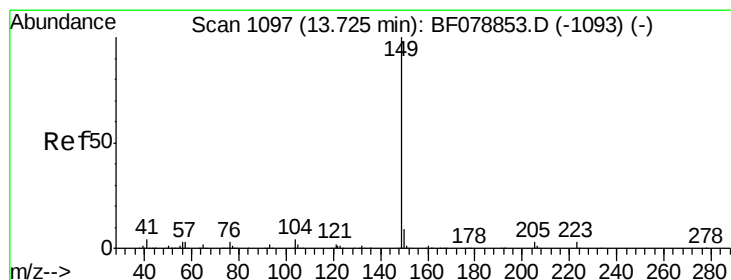
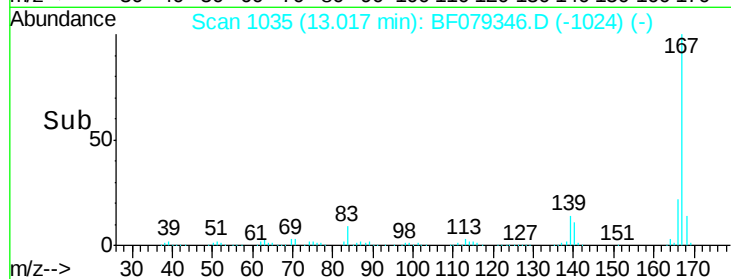
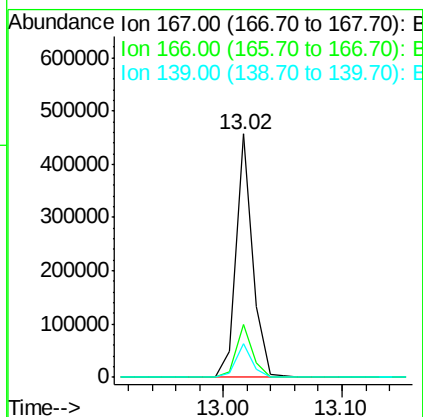
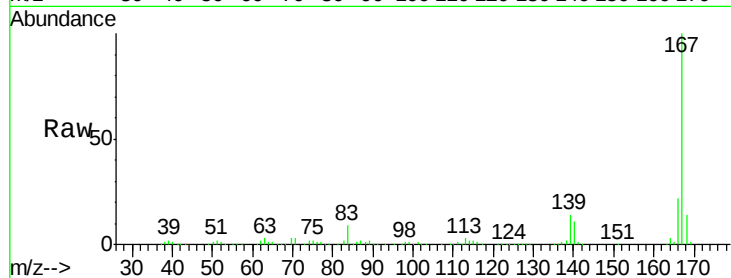




#72
 Carbazole
 Concen: 51.77 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

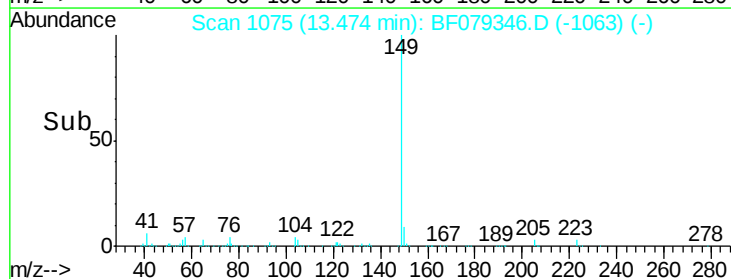
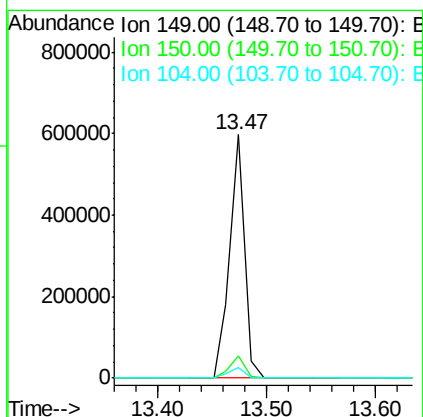
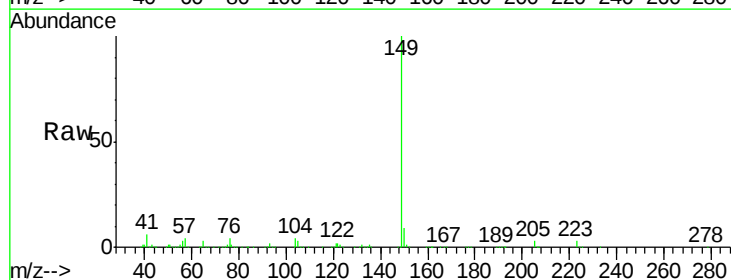
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

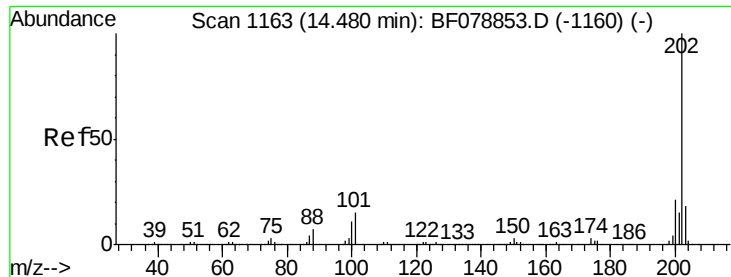
Tgt Ion:167 Resp: 443768
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 14.1 11.0 16.4



#73
 Di-n-butylphthalate
 Concen: 54.84 ng
 RT: 13.47 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion:149 Resp: 563786
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.0 10.4
 104 4.5 3.3 4.9

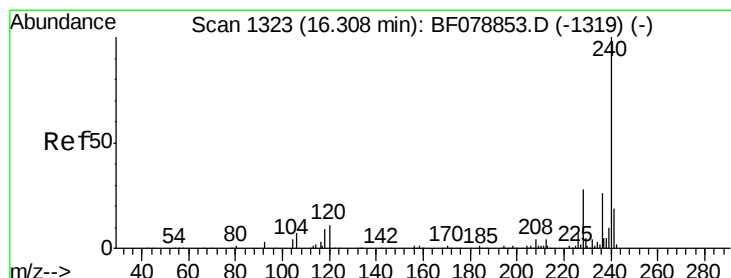
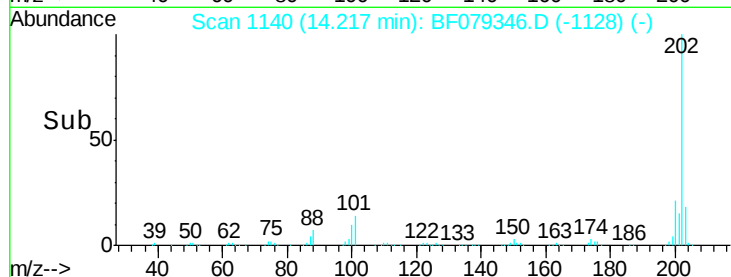
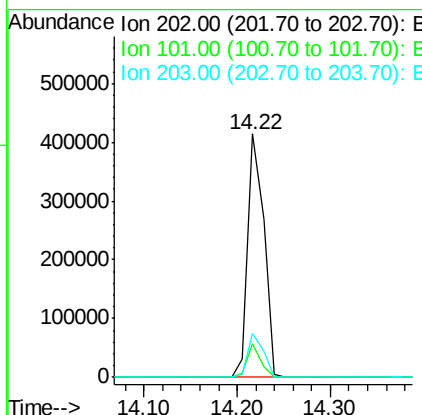
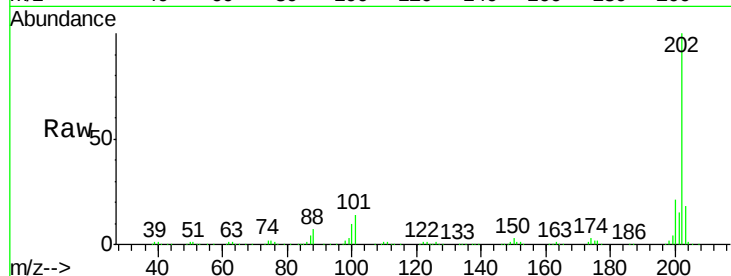




#74
 Fluoranthene
 Concen: 51.88 ng
 RT: 14.22 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

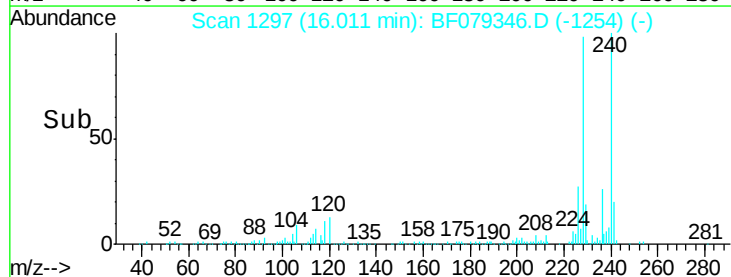
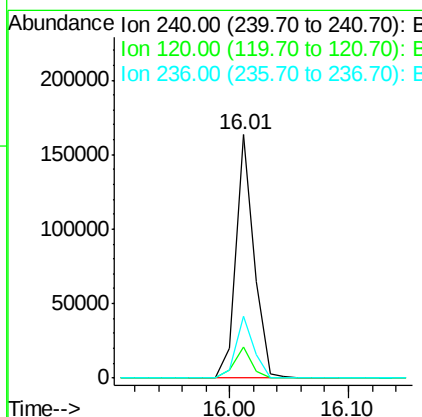
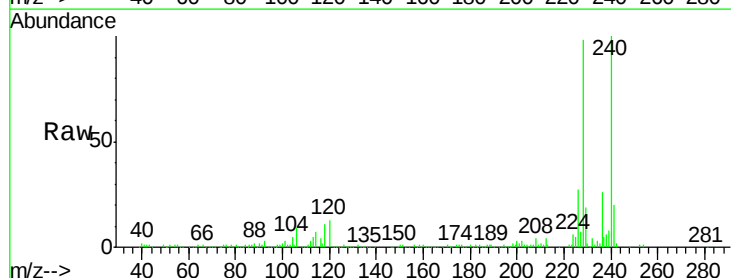
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

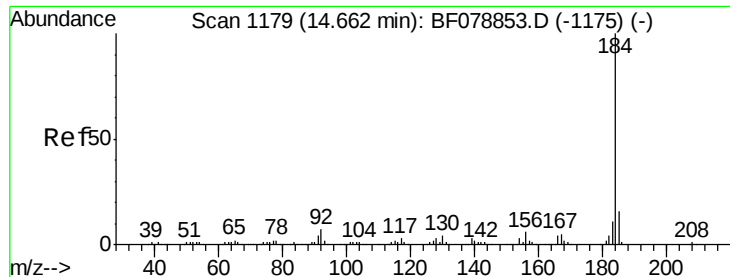
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	495579		
101	14.1	0.0	34.7	
203	18.1	0.0	37.9	



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.01 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	173646		
120	13.0	8.6	12.8#	
236	25.6	21.0	31.6	





#76

Benzidine

Concen: 15.02 ng

RT: 14.40 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

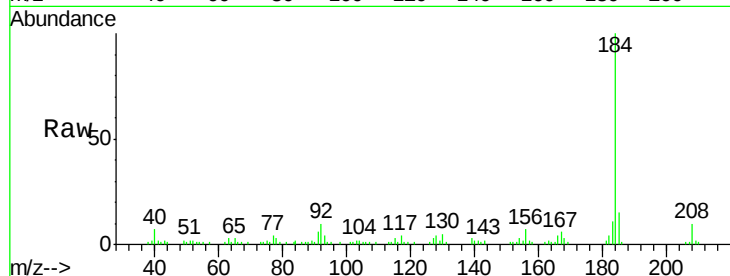
Tgt Ion:184 Resp: 70271

Ion Ratio Lower Upper

184 100

185 14.8 12.8 19.2

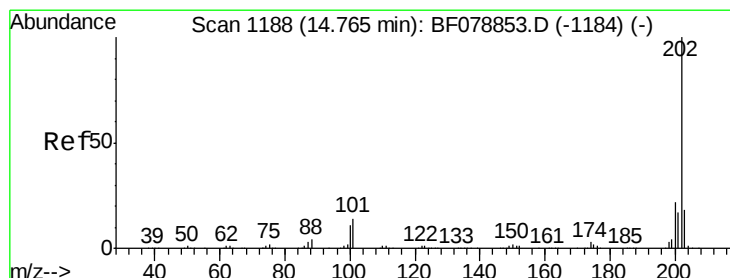
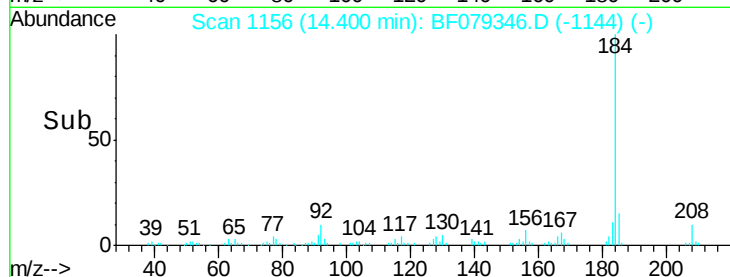
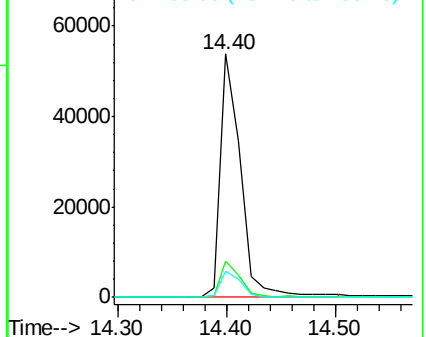
183 10.9 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 49.53 ng

RT: 14.22 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

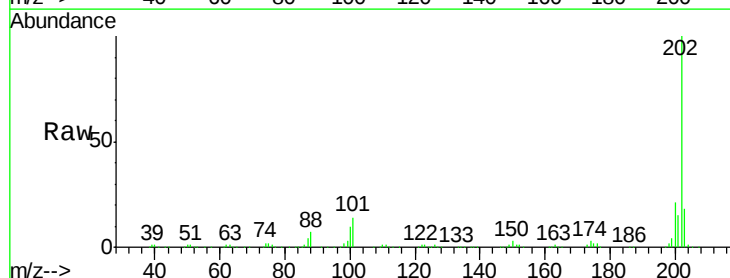
Tgt Ion:202 Resp: 495579

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

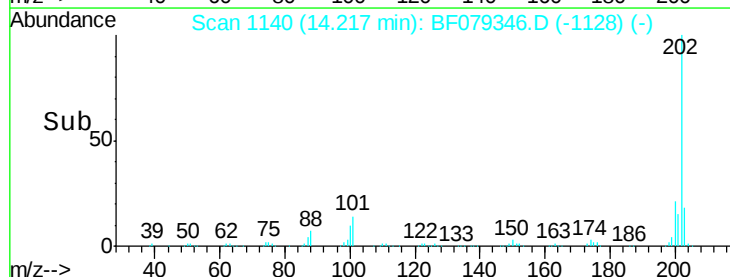
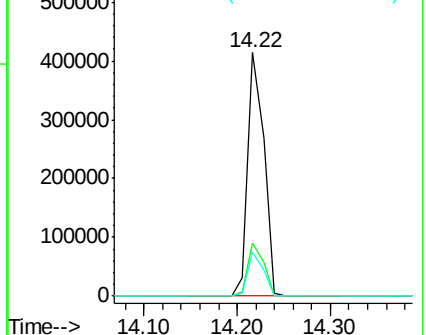
203 18.1 14.7 22.1

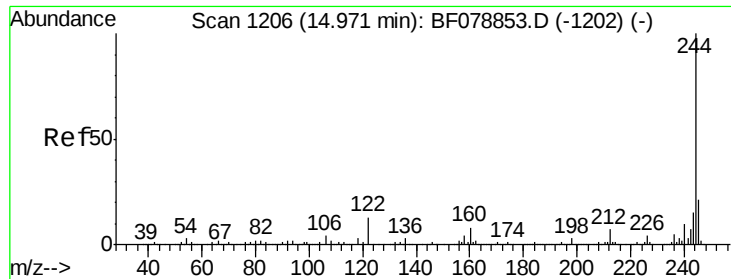


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

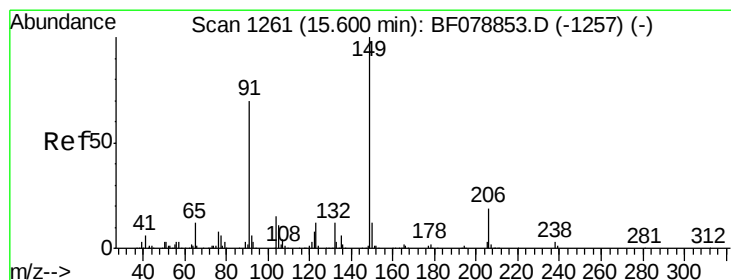
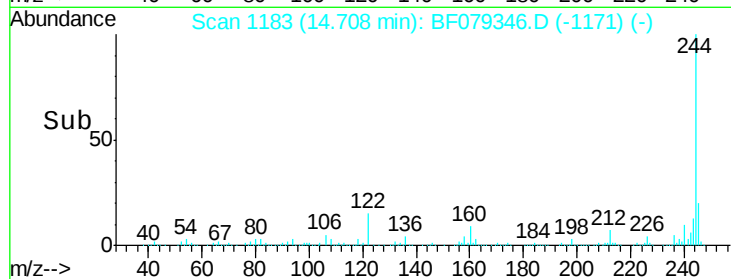
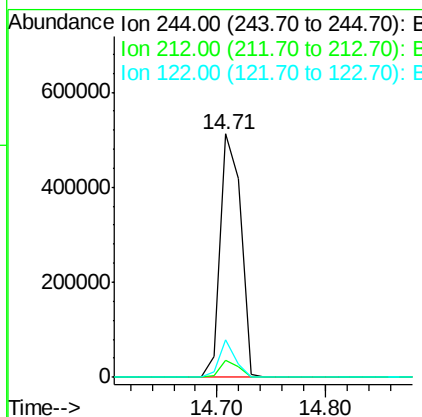
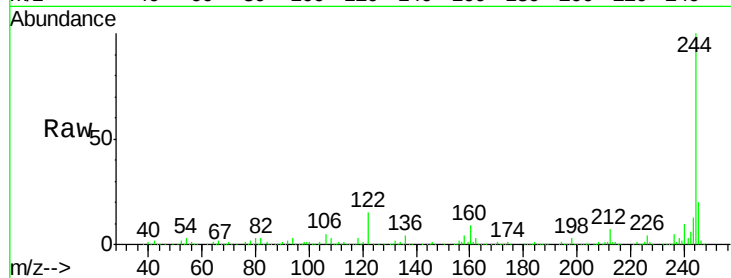




#78
 Terphenyl-d14
 Concen: 93.19 ng
 RT: 14.71 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

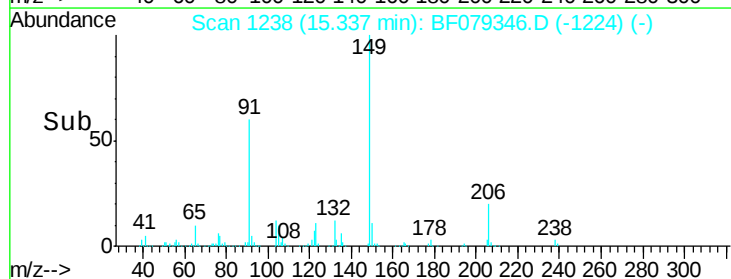
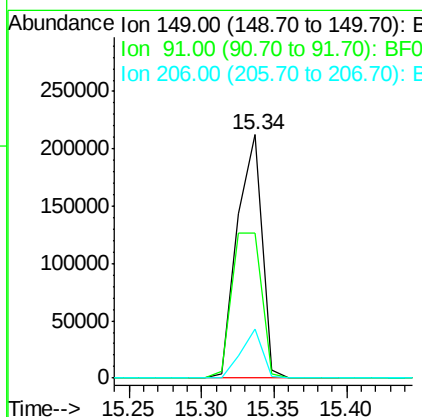
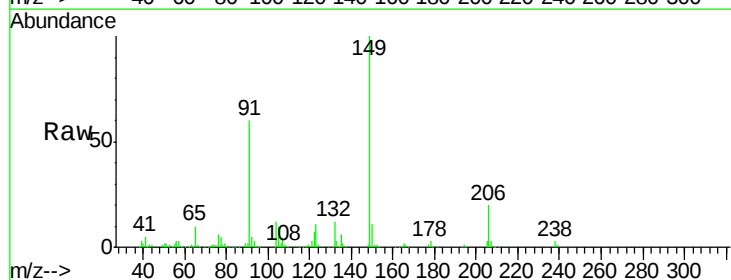
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

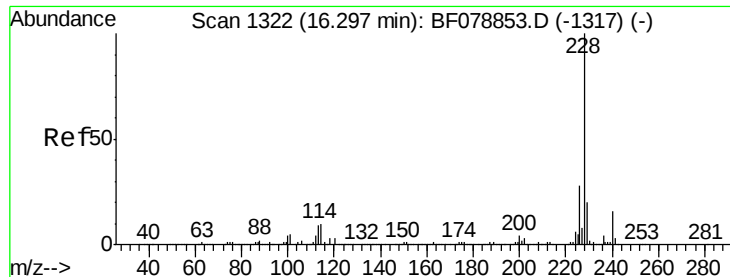
Tgt Ion: 244 Resp: 675891
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 15.2 10.5 15.7



#79
 Butylbenzylphthalate
 Concen: 57.70 ng
 RT: 15.34 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion: 149 Resp: 252362
 Ion Ratio Lower Upper
 149 100
 91 59.8 56.2 84.2
 206 20.2 15.2 22.8





#80

Benzo(a)anthracene

Concen: 49.86 ng

RT: 16.00 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

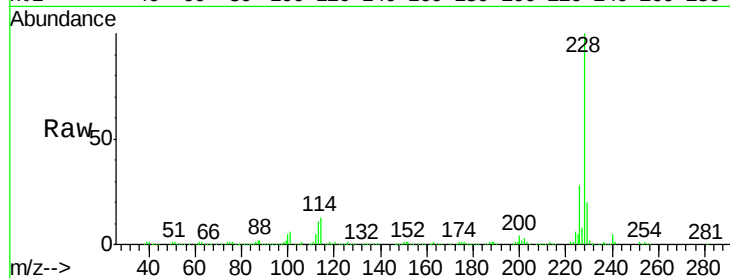
Tgt Ion:228 Resp: 474150

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

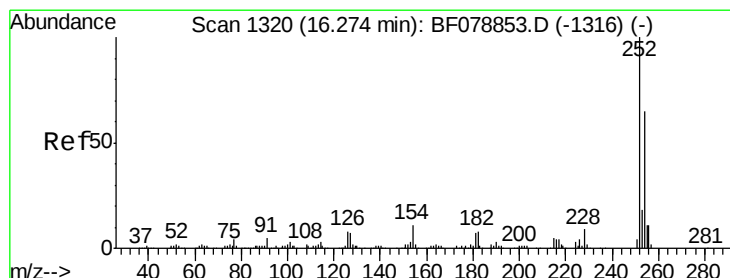
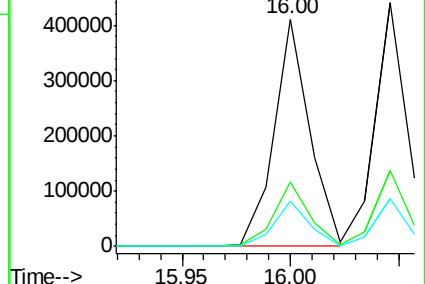
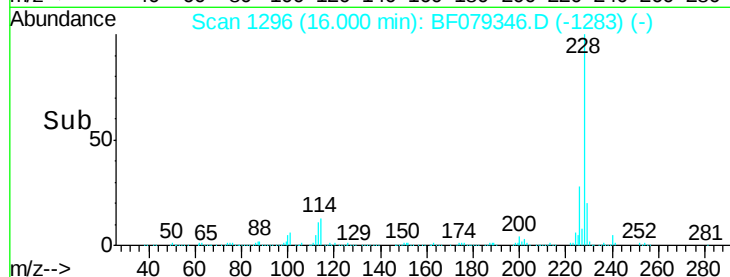
229 20.0 16.1 24.1



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: 39.57 ng

RT: 15.98 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

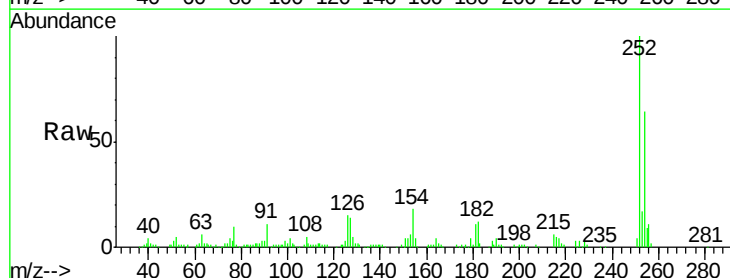
Tgt Ion:252 Resp: 134025

Ion Ratio Lower Upper

252 100

254 64.0 52.2 78.2

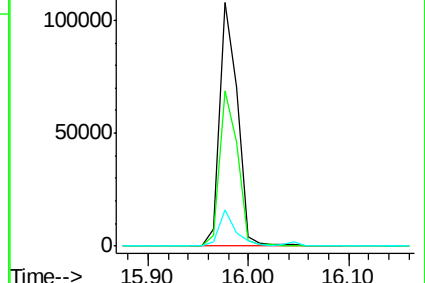
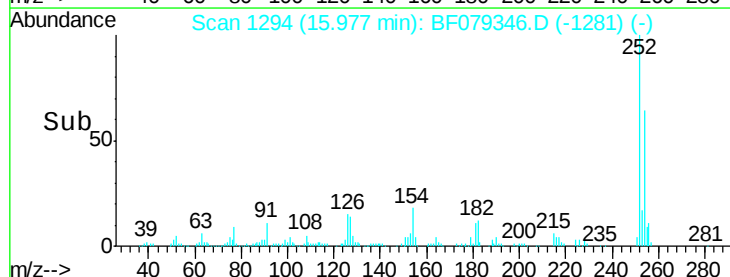
126 15.0 6.6 9.8#

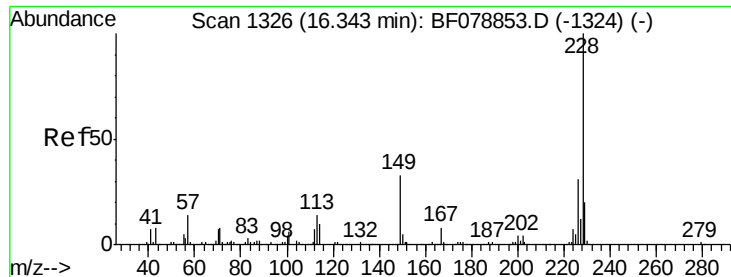


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 49.18 ng

RT: 16.05 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

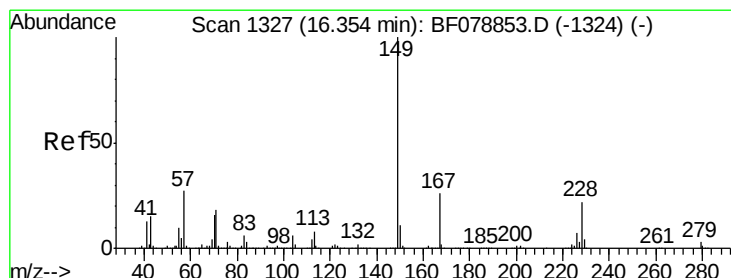
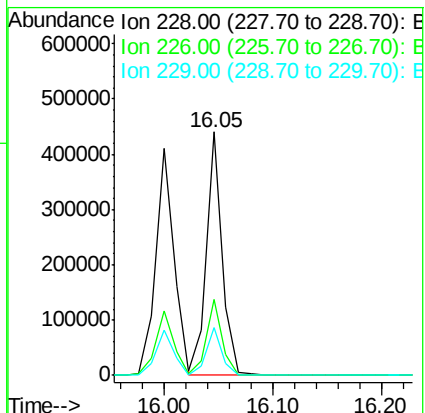
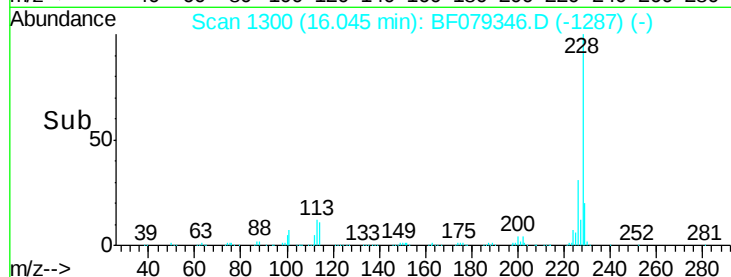
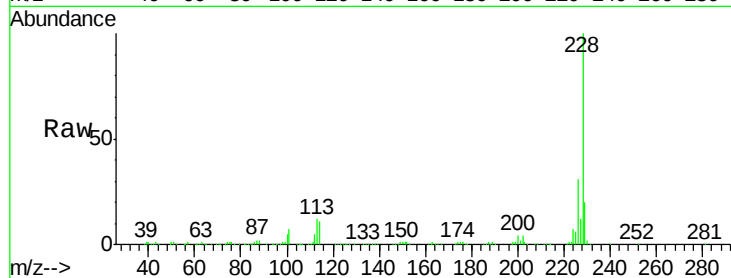
Tgt Ion:228 Resp: 449772

Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

229 19.7 16.1 24.1



#83

Bis(2-ethylhexyl)phthalate

Concen: 58.60 ng

RT: 16.07 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

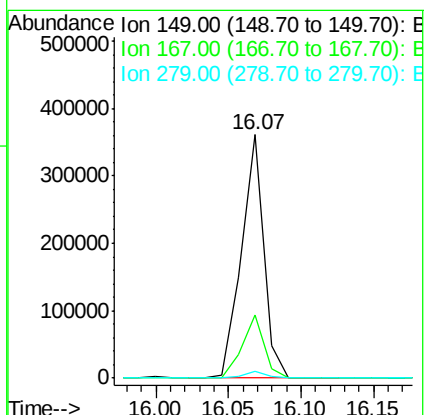
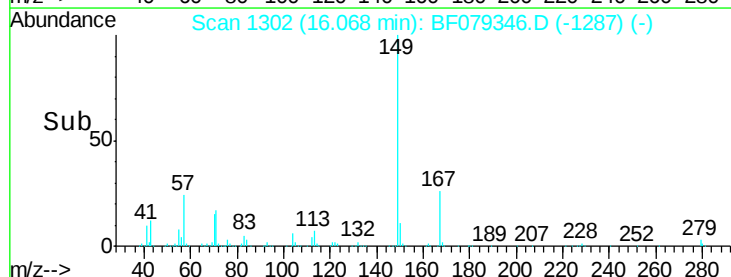
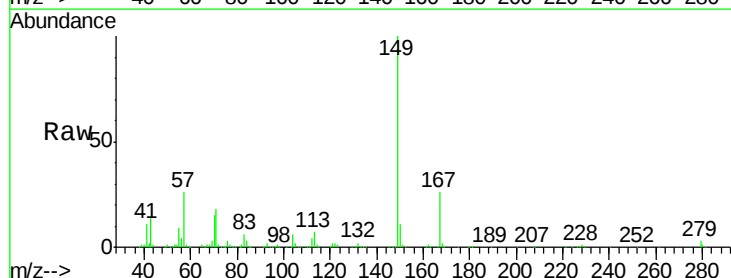
Tgt Ion:149 Resp: 388237

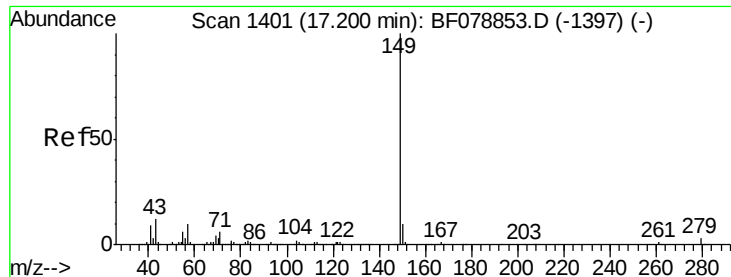
Ion Ratio Lower Upper

149 100

167 25.9 21.2 31.8

279 3.1 2.6 4.0





#84

Di-n-octyl phthalate

Concen: 55.00 ng

RT: 16.89 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

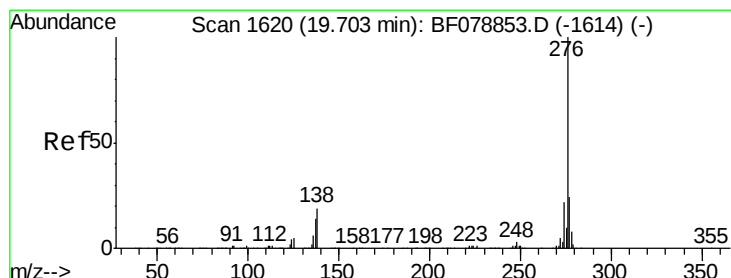
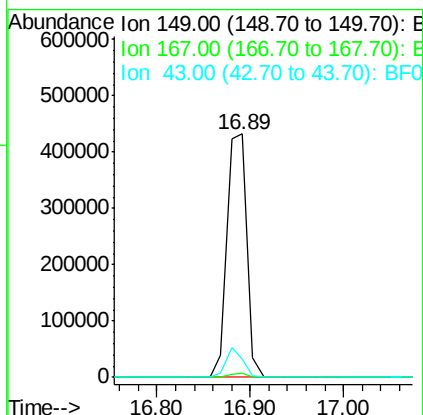
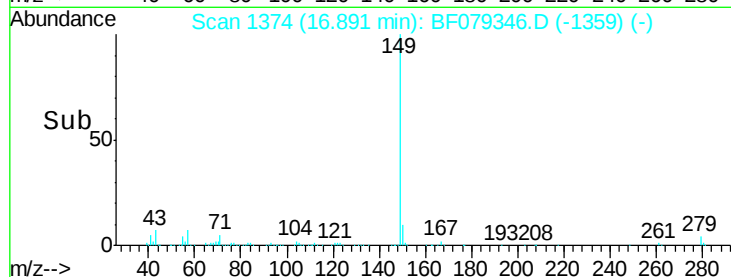
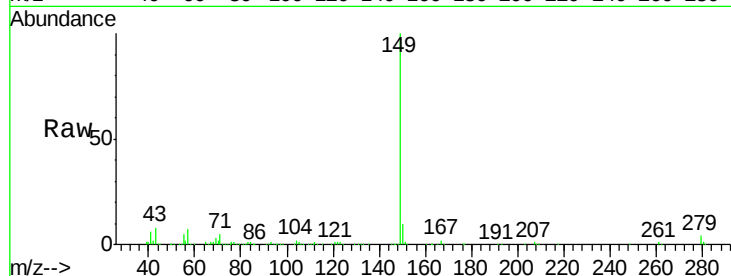
Tgt Ion:149 Resp: 641690

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.9 9.0 13.6



#85

Indeno(1,2,3-cd)pyrene

Concen: 52.62 ng

RT: 19.19 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

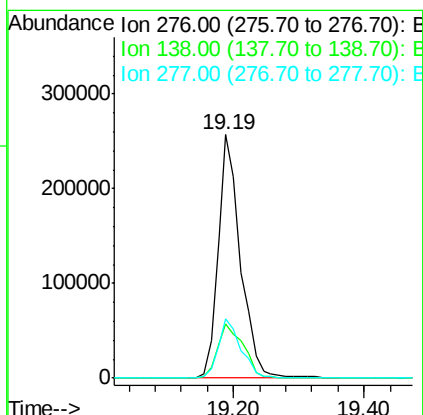
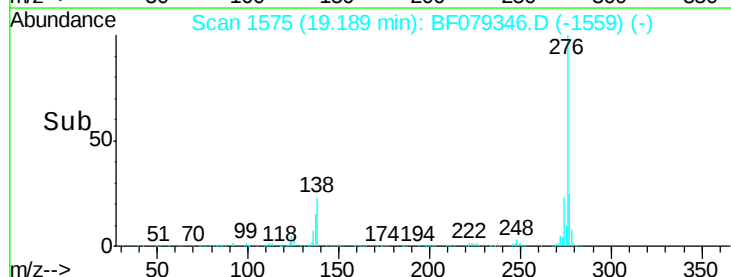
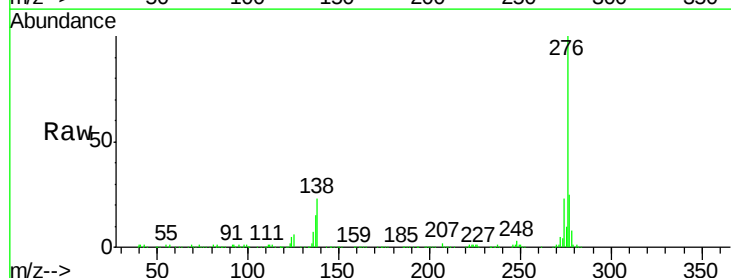
Tgt Ion:276 Resp: 613145

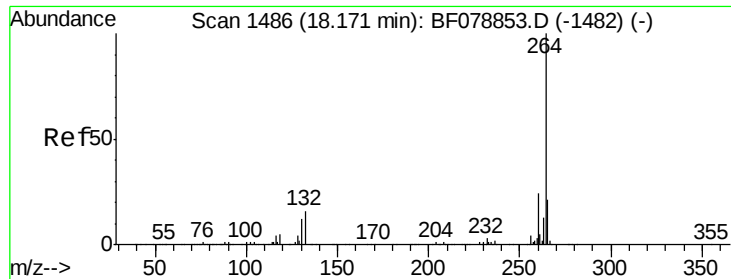
Ion Ratio Lower Upper

276 100

138 26.2 21.1 31.7

277 25.2 19.9 29.9

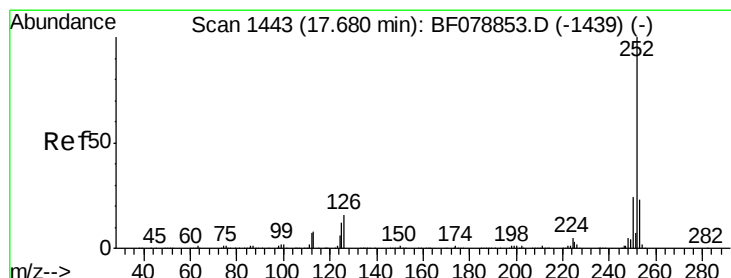
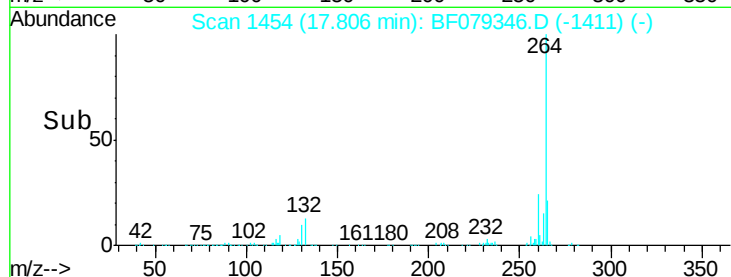
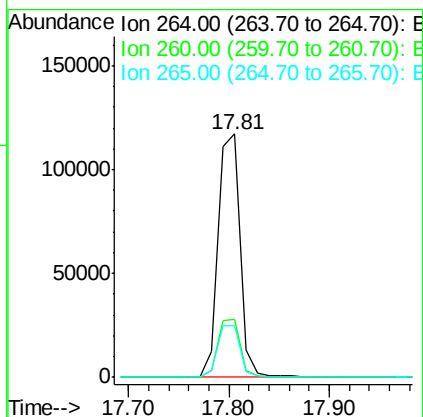
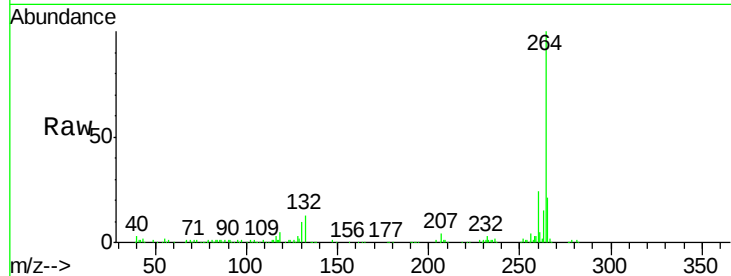




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

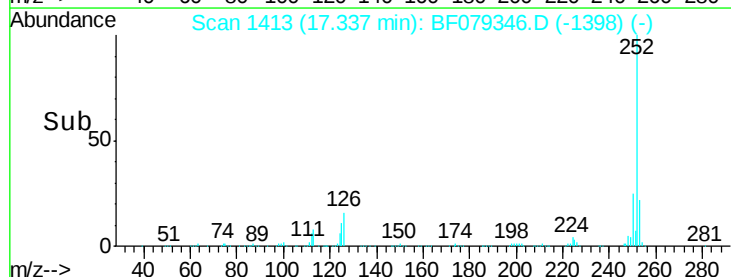
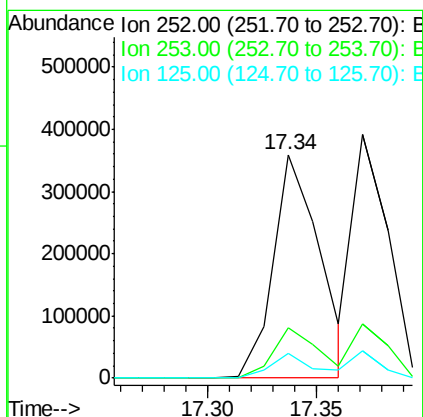
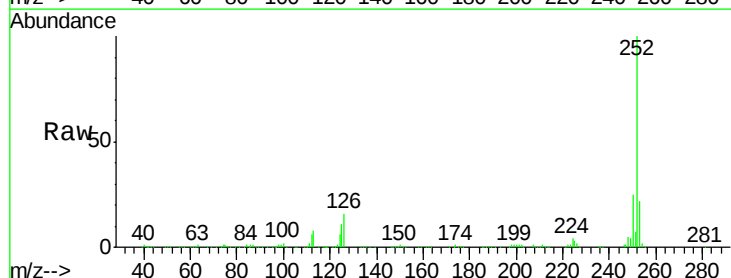
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

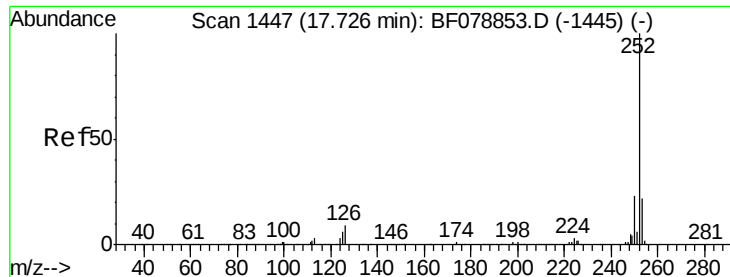
Tgt Ion: 264 Resp: 177954
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.1 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 55.25 ng
RT: 17.34 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion: 252 Resp: 538138
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.2 9.4 14.2





#88

Benzo(k)fluoranthene

Concen: 48.08 ng

RT: 17.37 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

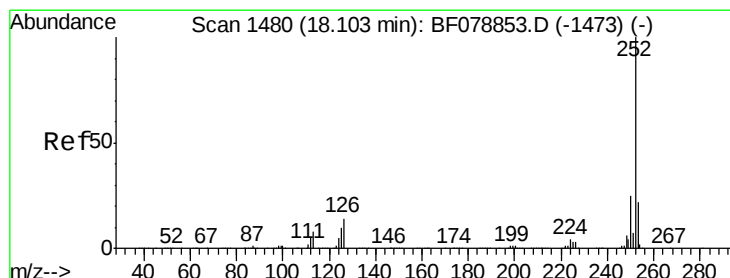
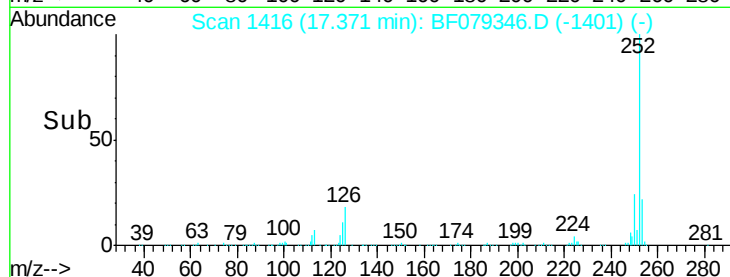
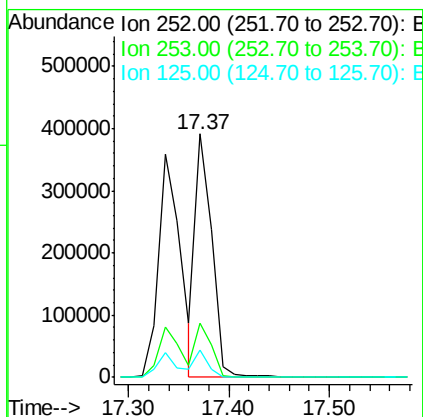
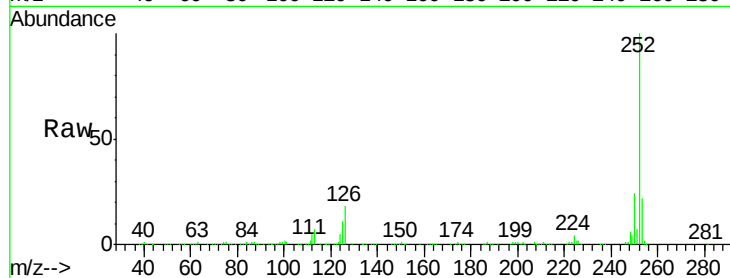
Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

Tgt Ion:	252	Resp:	453341
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.0
125	11.4	6.1	9.1#



#89

Benzo(a)pyrene

Concen: 54.42 ng

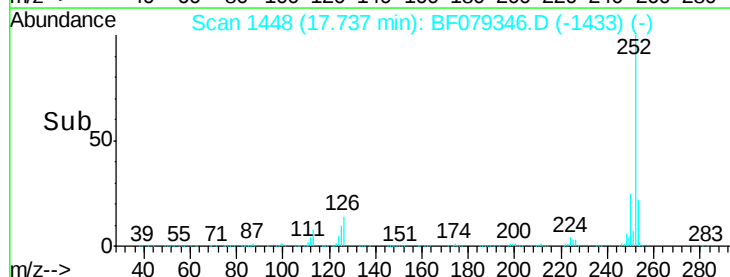
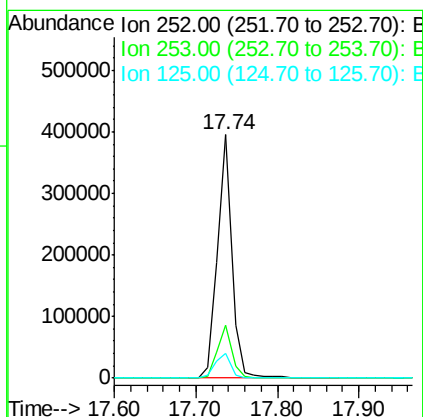
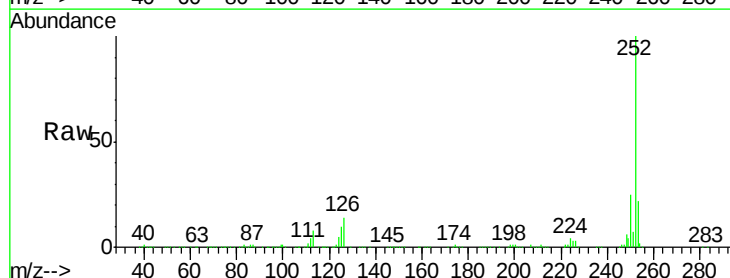
RT: 17.74 min Scan# 1448

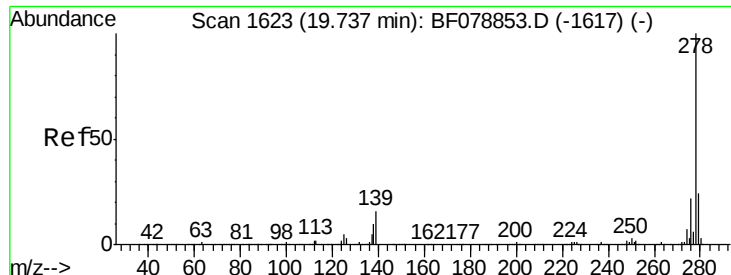
Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Tgt Ion:	252	Resp:	488067
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	10.1	8.2	12.2





#90

Dibenzo(a,h)anthracene

Concen: 53.29 ng

RT: 19.21 min Scan# 1577

Delta R.T. -0.03 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

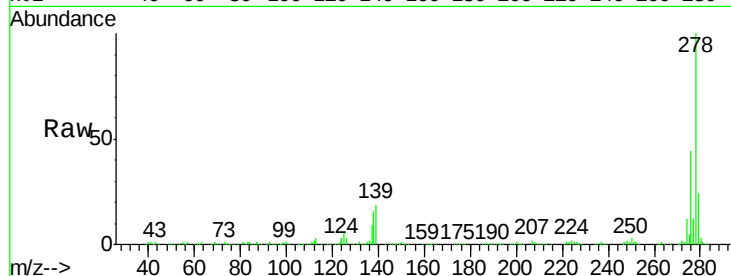
Tgt Ion: 278 Resp: 507933

Ion Ratio Lower Upper

278 100

139 19.1 13.1 19.7

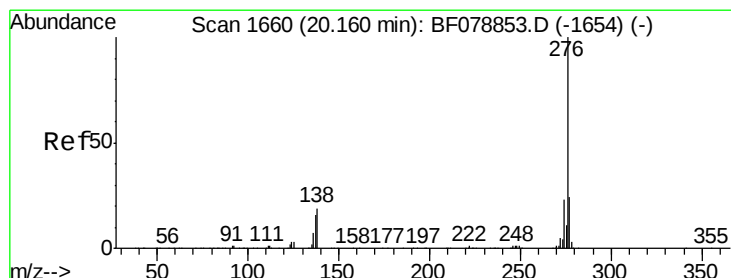
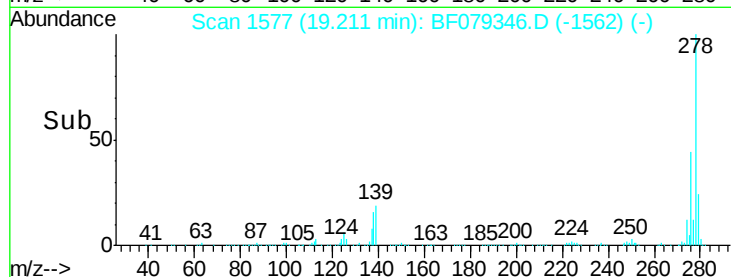
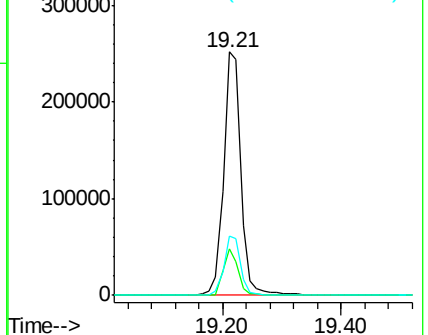
279 24.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 53.78 ng

RT: 19.60 min Scan# 1611

Delta R.T. -0.02 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

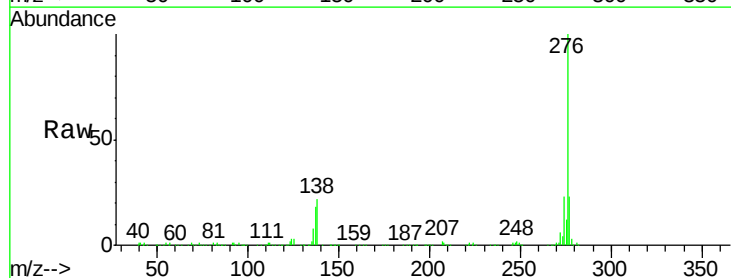
Tgt Ion: 276 Resp: 513800

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 22.2 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

