

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 05:39:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	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	155617m	65.04	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
2) 1,4-Dioxane	2.01	88	21969m	21.12	ng	
3) Pyridine	2.73	79	42776m	14.05	ng	
4) n-Nitrosodimethylamine	2.63	42	23210m	17.79	ng	
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	30687m	14.40	ng	
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	21576m	18.29	ng	
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

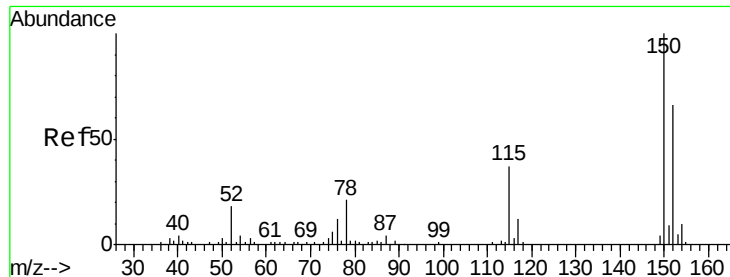
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	79485	48.10	nq	97
43) 2,4,5-Trichlorophenol	9.99	196	83339	49.89	nq	# 87
45) 1,1'-Biphenyl	10.17	154	333106	49.10	nq	97
46) 2-Chloronaphthalene	10.19	162	262977	49.69	nq	93
47) 2-Nitroaniline	10.33	65	80475	52.48	nq	# 51
48) Acenaphthylene	10.70	152	425940	49.02	nq	98
49) Dimethylphthalate	10.56	163	322116	51.43	nq	99
50) 2,6-Dinitrotoluene	10.64	165	69801	56.47	nq	# 82
51) Acenaphthene	10.91	154	248255	47.91	nq	100
52) 3-Nitroaniline	10.83	138	52971	34.31	nq	99
53) 2,4-Dinitrophenol	10.98	184	52592	91.19	nq	# 52
54) Dibenzofuran	11.13	168	378388	50.56	nq	100
55) 4-Nitrophenol	11.06	139	35372	28.94	nq	# 85
56) 2,4-Dinitrotoluene	11.13	165	85543	52.35	nq	# 44
57) Fluorene	11.55	166	317369	51.66	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.29	232	69533	50.93	nq	99
59) Diethylphthalate	11.44	149	322827	52.03	nq	100
60) 4-Chlorophenyl-phenylether	11.57	204	140285	51.48	nq	99
61) 4-Nitroaniline	11.59	138	70364	45.55	nq	99
62) Azobenzene	11.76	77	319455	52.25	nq	98
64) 4,6-Dinitro-2-methylphenol	11.63	198	37314	52.56	nq	# 31
65) n-Nitrosodiphenylamine	11.71	169	259780	47.60	nq	98
66) 4-Bromophenyl-phenylether	12.17	248	88298	51.69	nq	94
67) Hexachlorobenzene	12.23	284	96326	49.34	nq	91
68) Atrazine	12.40	200	82125	51.75	nq	92
69) Pentachlorophenol	12.48	266	97351	84.78	nq	97
70) Phenanthrene	12.74	178	440322	48.03	nq	100
71) Anthracene	12.81	178	465464	51.75	nq	99
72) Carbazole	13.02	167	443768	51.77	nq	100
73) Di-n-butylphthalate	13.47	149	563786	54.84	nq	99
74) Fluoranthene	14.22	202	495579	51.88	nq	99
76) Benzidine	14.40	184	70271	15.02	nq	98
77) Pyrene	14.50	202	514319	51.40	nq	99
79) Butylbenzylphthalate	15.34	149	252362	57.70	nq	89
80) Benzo(a)anthracene	16.00	228	474150	49.86	nq	100
81) 3,3'-Dichlorobenzidine	15.98	252	134025	39.57	nq	# 96
82) Chrysene	16.05	228	449772	49.18	nq	100
83) Bis(2-ethylhexyl)phthalate	16.07	149	388237	58.60	nq	99
84) Di-n-octyl phthalate	16.89	149	641690	55.00	nq	97
85) Indeno(1,2,3-cd)pyrene	19.19	276	613145	52.62	nq	99
87) Benzo(b)fluoranthene	17.34	252	538138	55.25	nq	99
88) Benzo(k)fluoranthene	17.37	252	453341	48.08	nq	# 97
89) Benzo(a)pyrene	17.74	252	488067	54.42	nq	99
90) Dibenzo(a,h)anthracene	19.21	278	507933	53.29	nq	97
91) Benzo(g,h,i)perylene	19.60	276	513800	53.78	nq	97

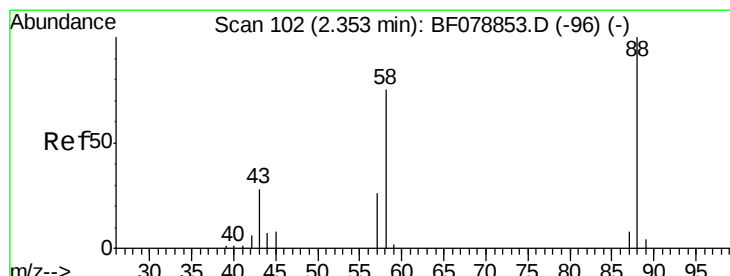
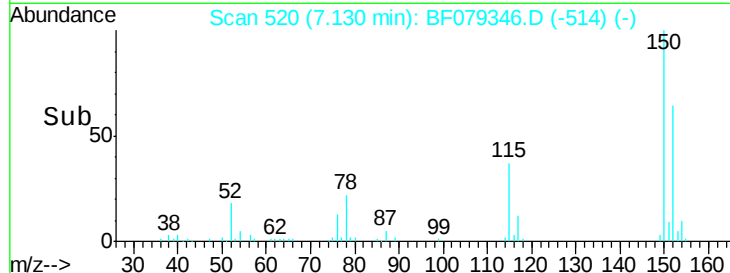
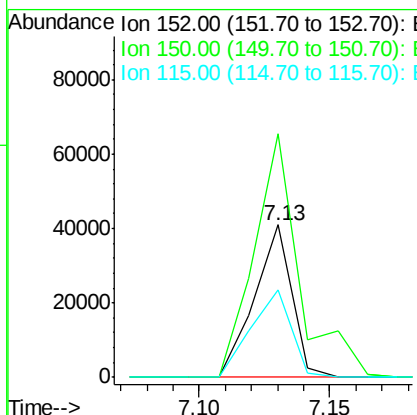
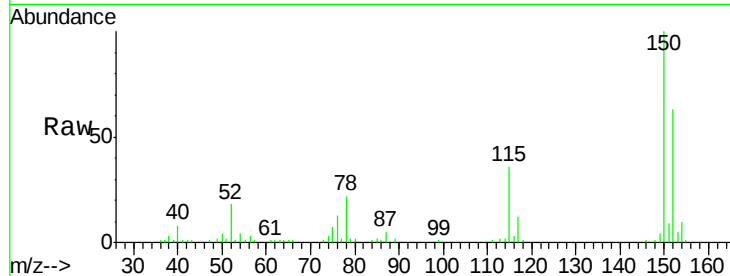
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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

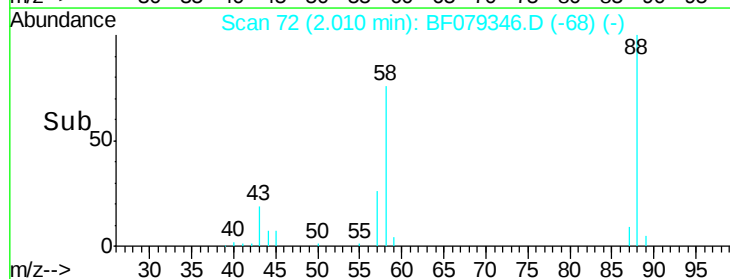
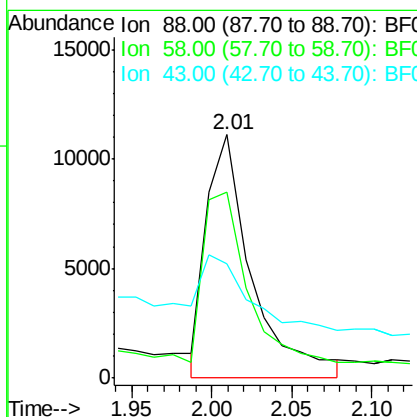
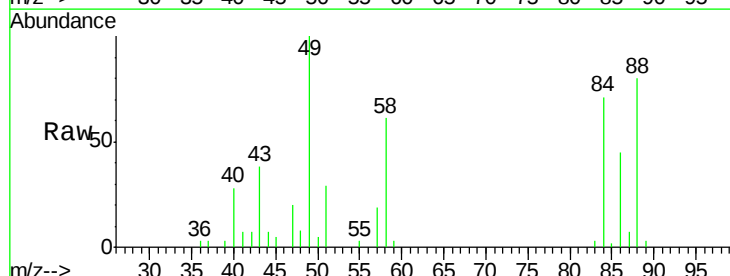
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

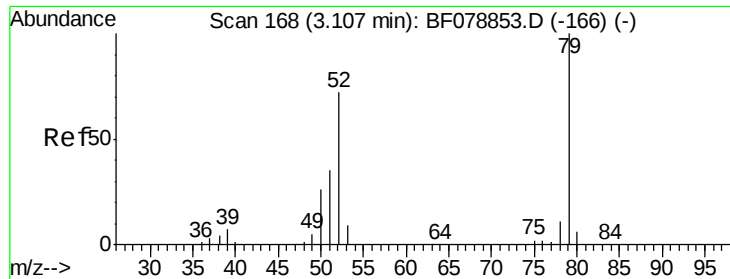
Tot Ion: 152 Resp: 41187
 Ion Ratio Lower Upper
 152 100
 150 159.7 123.8 185.8
 115 57.0 49.4 74.0



#2
 1,4-Dioxane
 Concen: 21.12 ng m
 RT: 2.01 min Scan# 72
 Delta R.T. 0.02 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

Tgt Ion: 88 Resp: 21969
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.5 95.3#
 43 0.0 24.6 37.0#





#3

Pvridine

Concen: 14.05 ng m

RT: 2.73 min Scan# 135

Delta R.T. 0.06 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

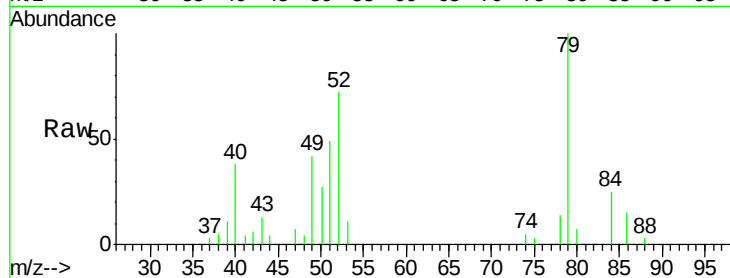
Tot Ion: 79 Resp: 42776

Ion Ratio Lower Upper

79 100

52 72.3 57.6 86.4

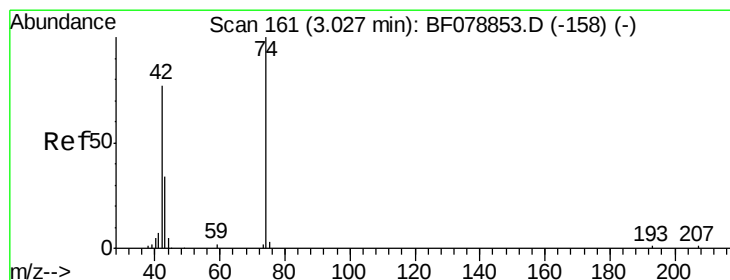
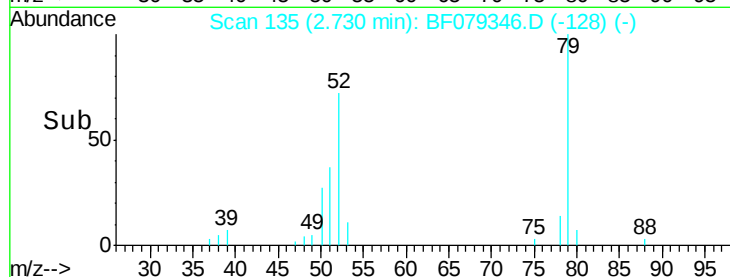
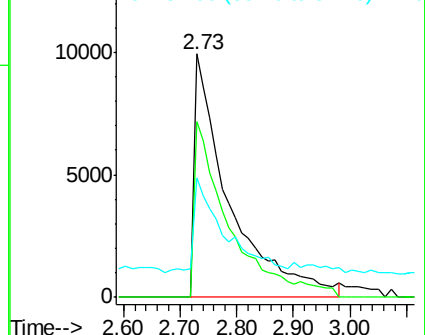
51 49.1 28.7 43.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 17.79 ng m

RT: 2.63 min Scan# 126

Delta R.T. 0.03 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

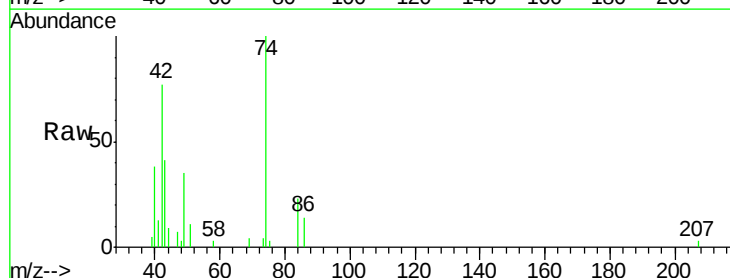
Tgt Ion: 42 Resp: 23210

Ion Ratio Lower Upper

42 100

74 129.6 104.4 156.6

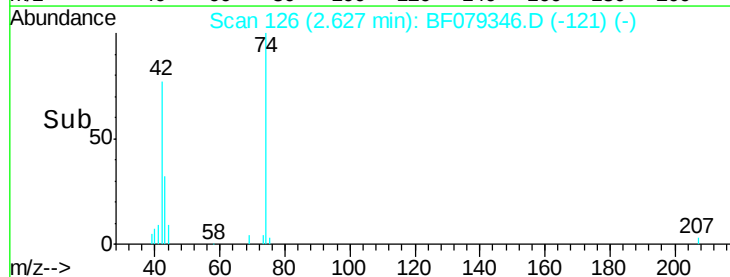
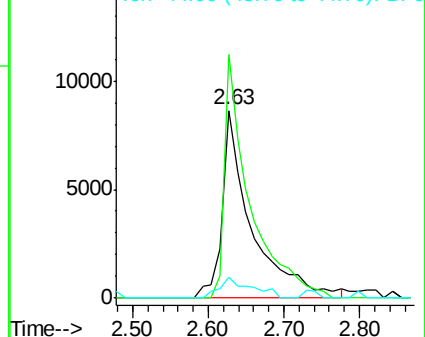
44 11.1 6.2 9.2#

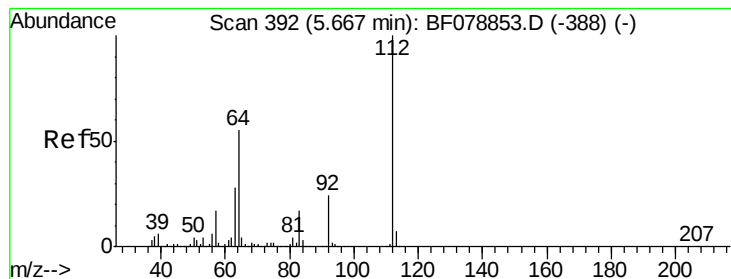


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 65.04 ng/mL

RT: 5.42 min Scan# 370

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

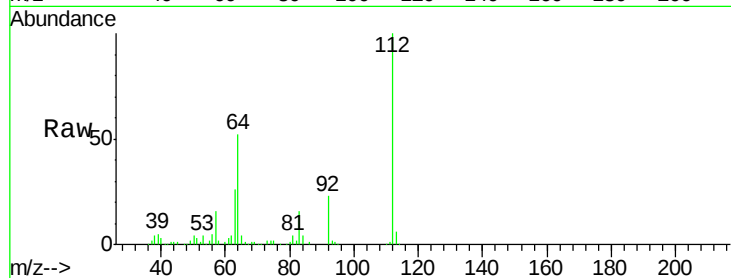
Tot Ion:112 Resp: 155617

Ion Ratio Lower Upper

112 100

64 51.7 44.2 66.2

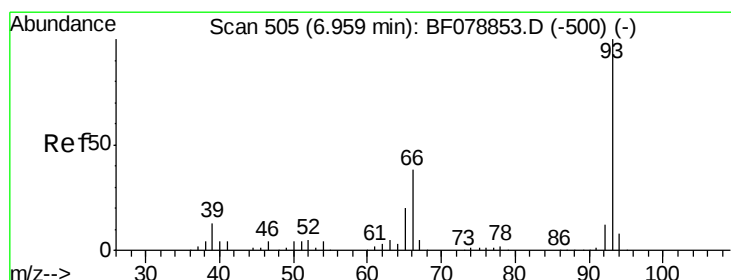
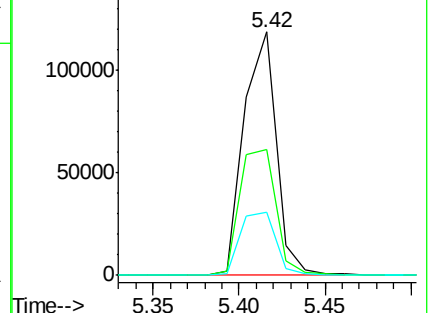
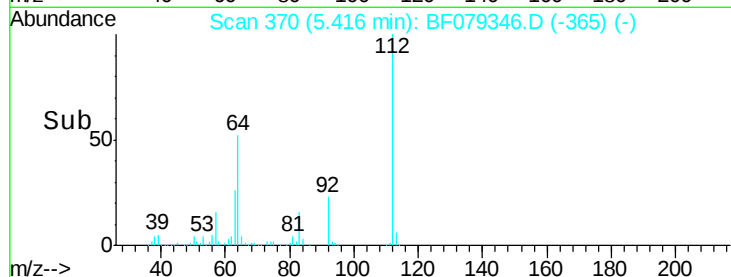
63 26.0 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 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

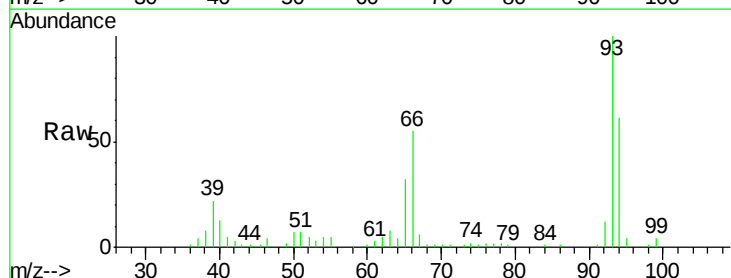
Tgt Ion: 93 Resp: 96519

Ion Ratio Lower Upper

93 100

66 54.7 30.7 46.1#

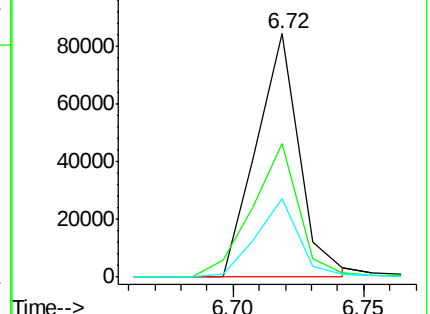
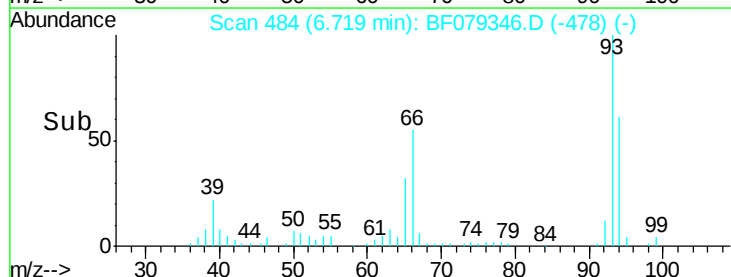
65 32.1 15.8 23.8#



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

Instrument :

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ClientSampleId :

HW-7-5-14-15MSD

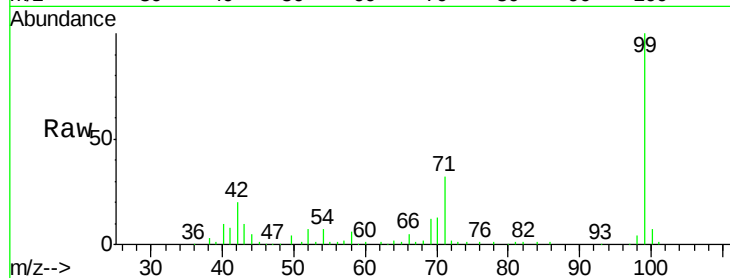
Tot Ion: 99 Resp: 127379

Ion Ratio Lower Upper

99 100

42 20.3 17.1 25.7

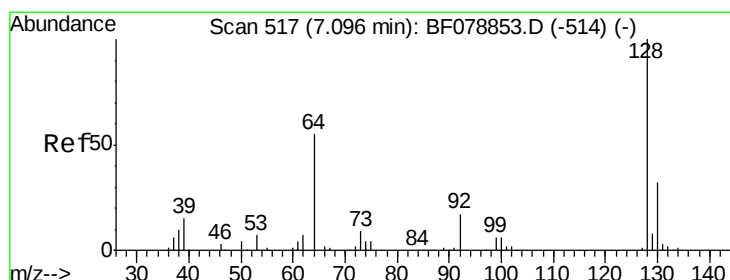
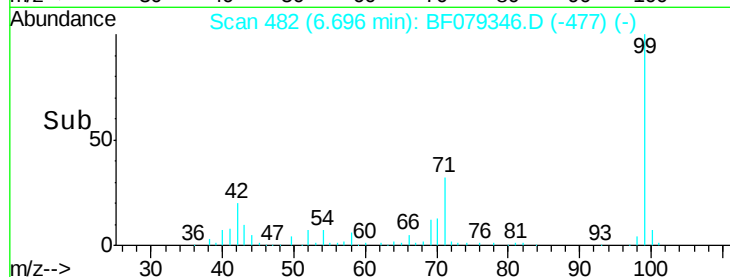
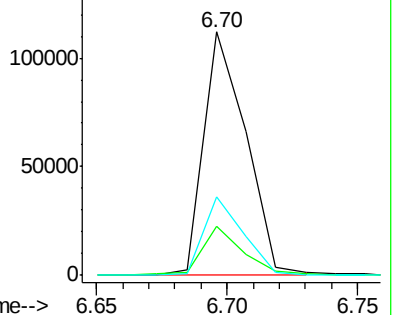
71 32.4 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#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

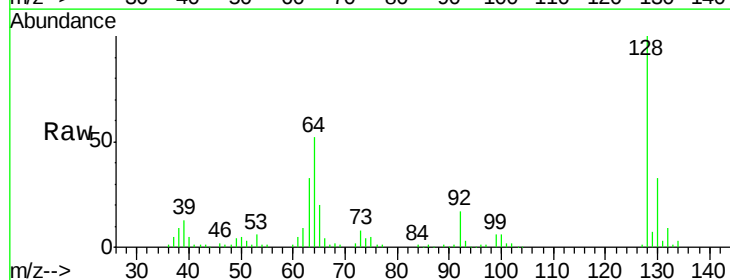
Tgt Ion: 128 Resp: 106610

Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

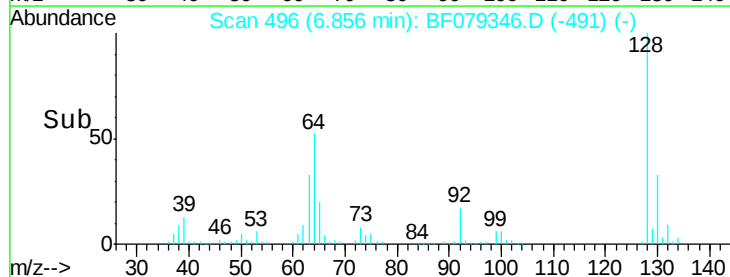
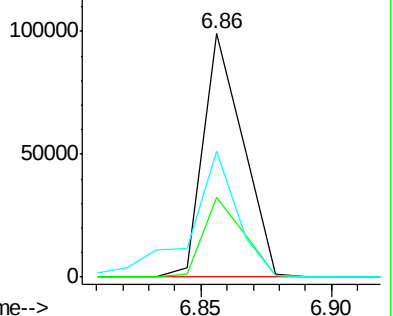
64 51.8 37.8 77.8



Abundance Ion 128.00 (127.70 to 128.70): BF078853.D (-514) (-)

Ion 130.00 (129.70 to 130.70): BF078853.D (-514) (-)

Ion 64.00 (63.70 to 64.70): BF078853.D (-514) (-)





#9

Benzaldehyde

Concen: 14.40 ng/mL

RT: 6.57 min Scan# 471

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

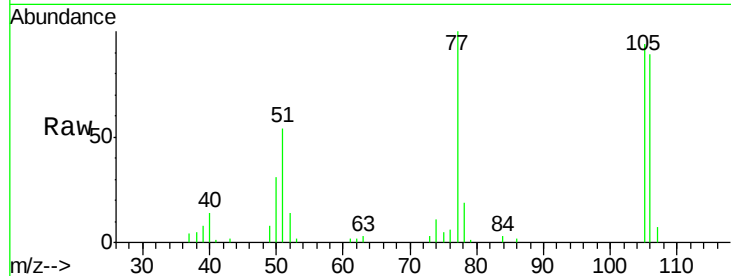
Tot Ion: 77 Resp: 30687

Ion Ratio Lower Upper

77 100

105 93.8 78.9 118.9

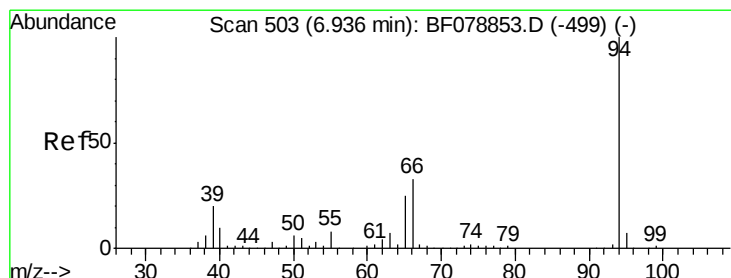
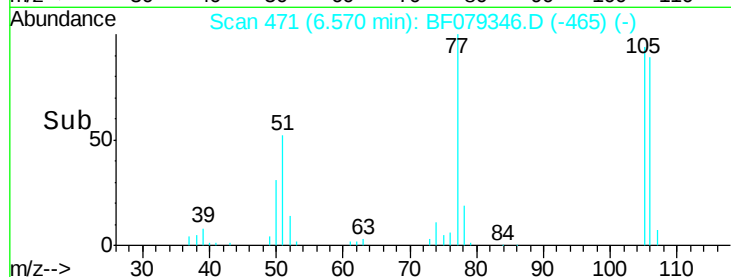
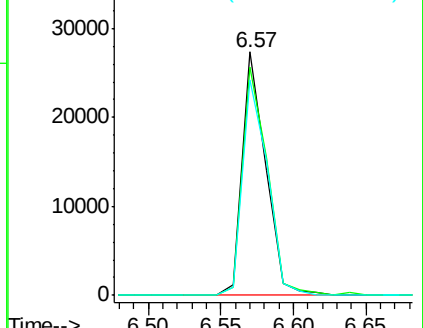
106 88.7 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 14.05 ng/mL

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

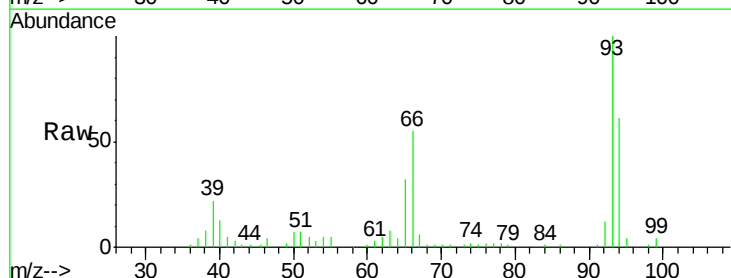
Tgt Ion: 94 Resp: 51532

Ion Ratio Lower Upper

94 100

65 52.3 5.1 45.1#

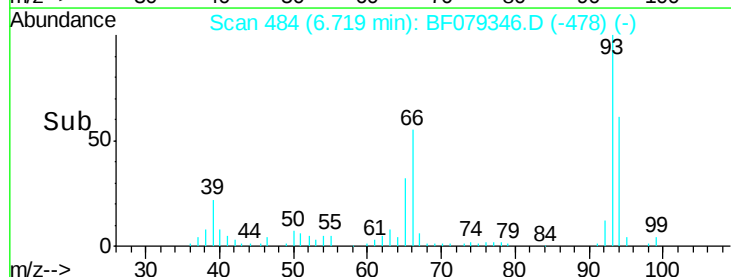
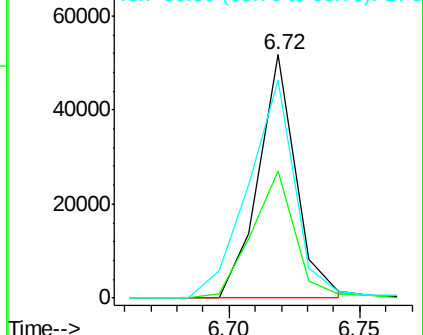
66 89.3 13.1 53.1#



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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

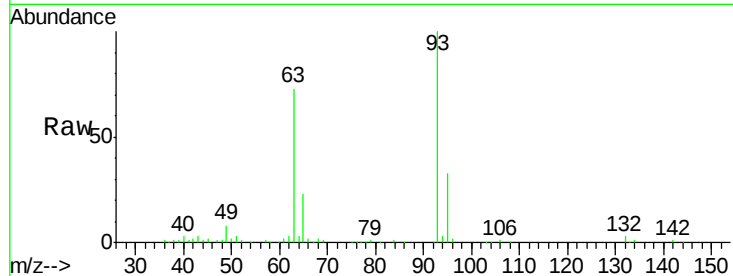
Tot Ion: 93 Resp: 130230

Ion Ratio Lower Upper

93 100

63 73.1 50.8 90.8

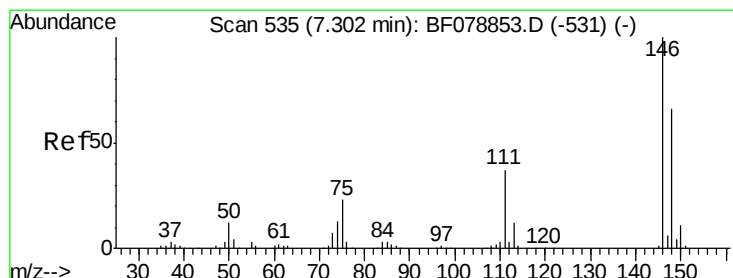
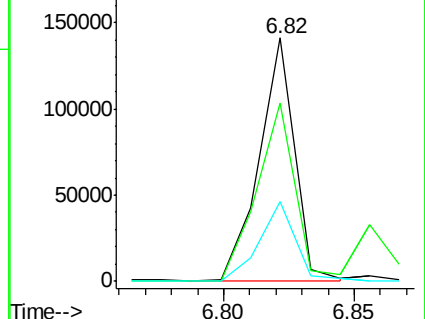
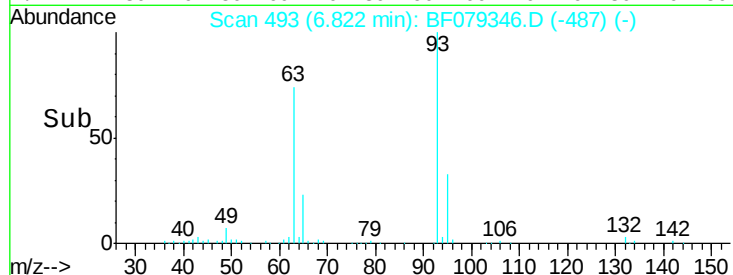
95 32.7 13.9 53.9



Abundance Ion 93.00 (92.70 to 93.70): BF079346.D (-487) (-)

Ion 63.00 (62.70 to 63.70): BF079346.D (-487) (-)

Ion 95.00 (94.70 to 95.70): BF079346.D (-487) (-)



#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

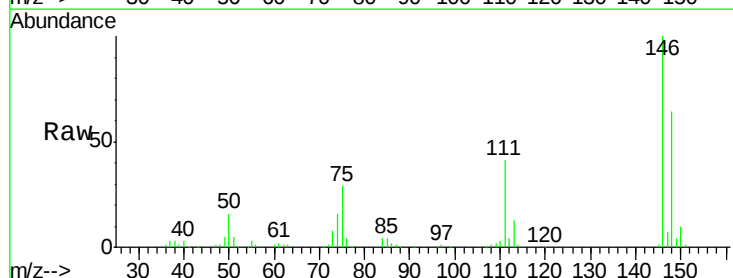
Tgt Ion: 146 Resp: 127866

Ion Ratio Lower Upper

146 100

148 63.7 52.4 78.6

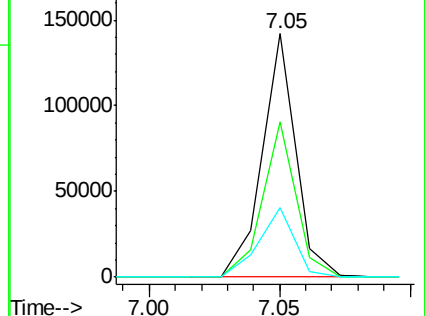
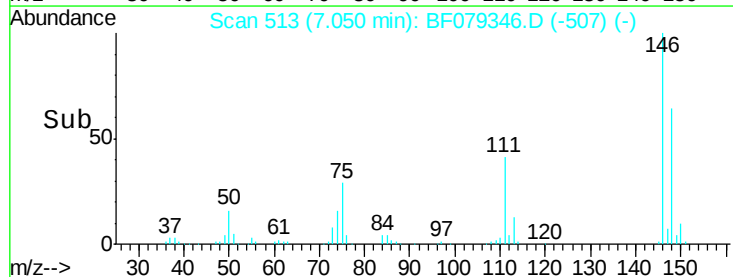
75 28.5 18.6 27.8#



Abundance Ion 146.00 (145.70 to 146.70): BF079346.D (-507) (-)

Ion 148.00 (147.70 to 148.70): BF079346.D (-507) (-)

Ion 75.00 (74.70 to 75.70): BF079346.D (-507) (-)

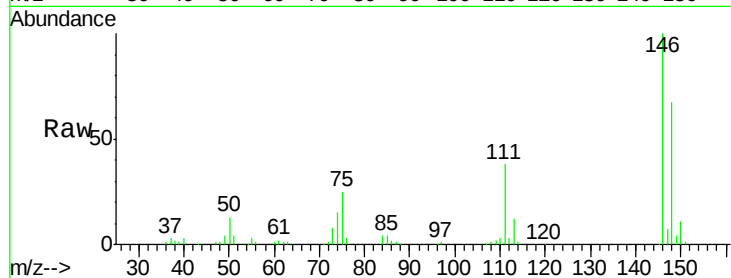




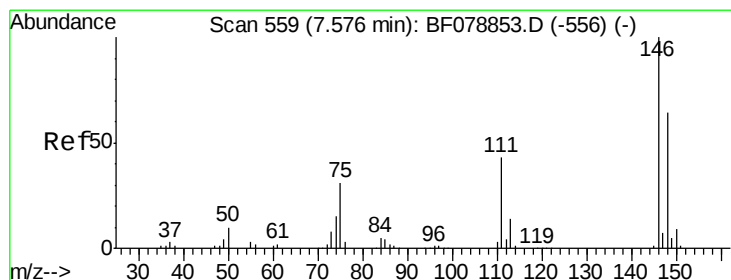
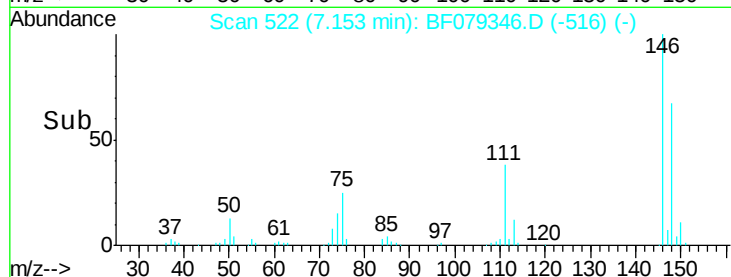
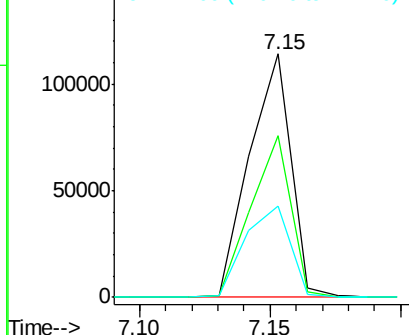
#13
 1,4-Dichlorobenzene
 Concen: 40.52 ng
 RT: 7.15 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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

Tot Ion:146 Resp: 127197
 Ion Ratio Lower Upper
 146 100
 148 66.6 51.7 77.5
 111 37.5 32.8 49.2

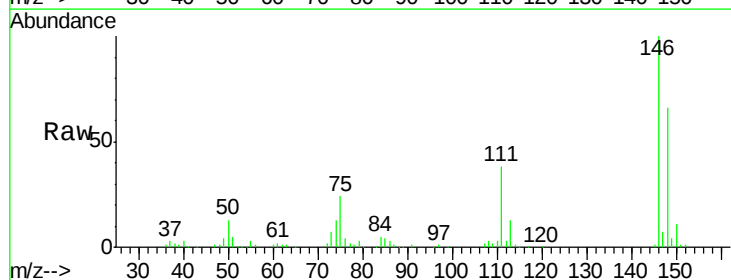


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

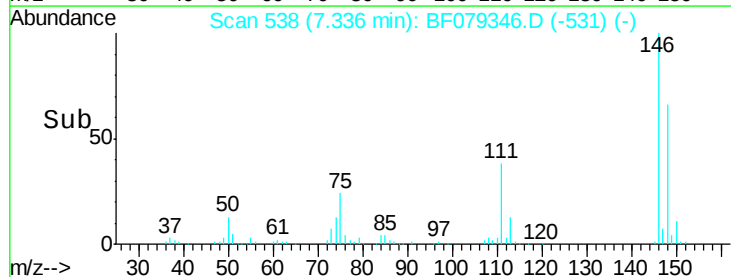
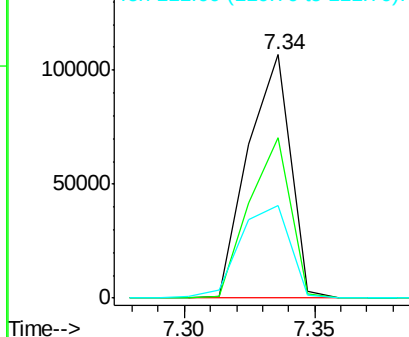


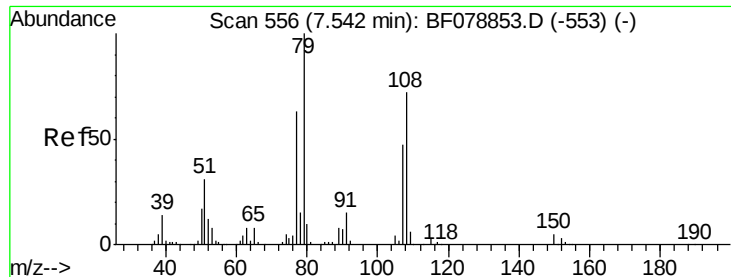
#14
 1,2-Dichlorobenzene
 Concen: 41.91 ng
 RT: 7.34 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

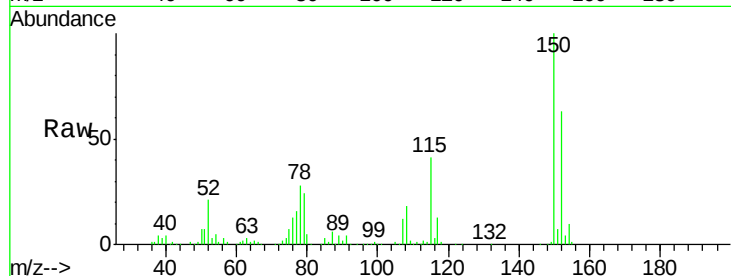
Tot Ion: 79 Resp: 66693

Ion Ratio Lower Upper

79 100

108 75.9 57.4 86.2

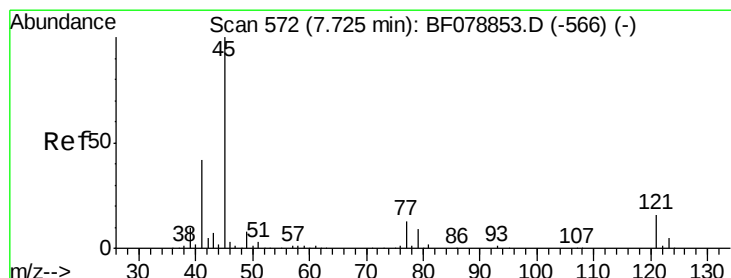
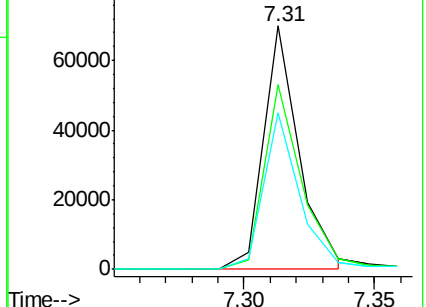
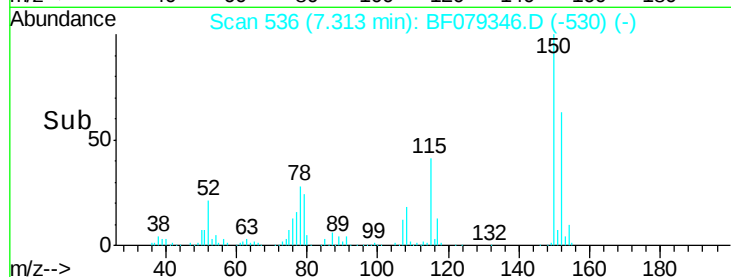
77 64.1 50.2 75.4



Abundance Ion 79.00 (78.70 to 79.70): BF079346.D (-530) (-)

Ion 108.00 (107.70 to 108.70): BF079346.D (-530) (-)

Ion 77.00 (76.70 to 77.70): BF079346.D (-530) (-)



#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

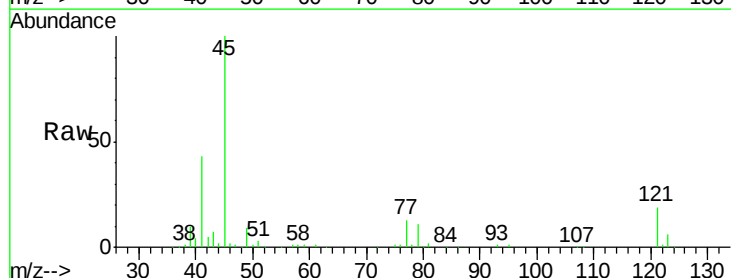
Tgt Ion: 45 Resp: 193502

Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.6

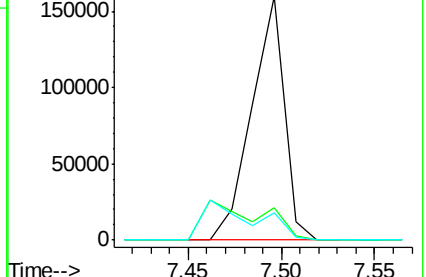
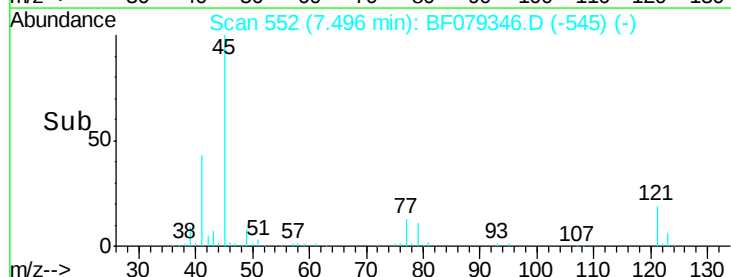
79 11.1 0.0 29.3

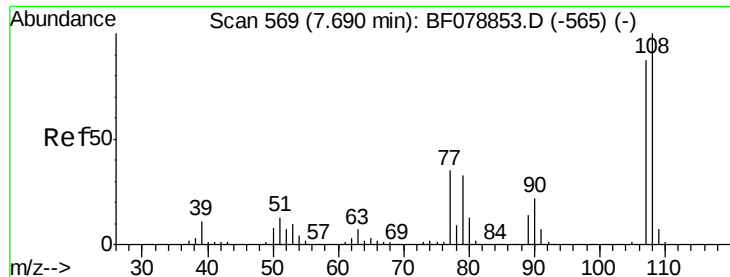


Abundance Ion 45.00 (44.70 to 45.70): BF079346.D (-545) (-)

Ion 77.00 (76.70 to 77.70): BF079346.D (-545) (-)

Ion 79.00 (78.70 to 79.70): BF079346.D (-545) (-)

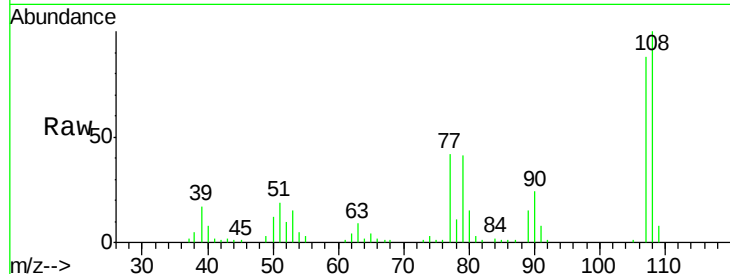




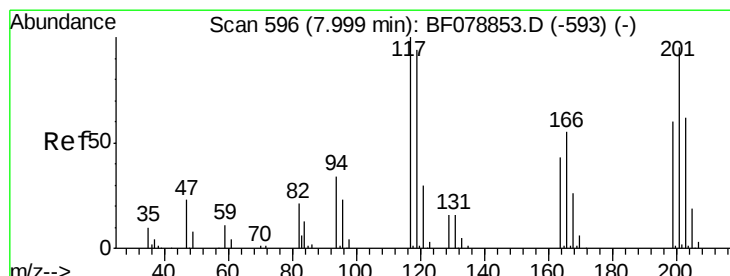
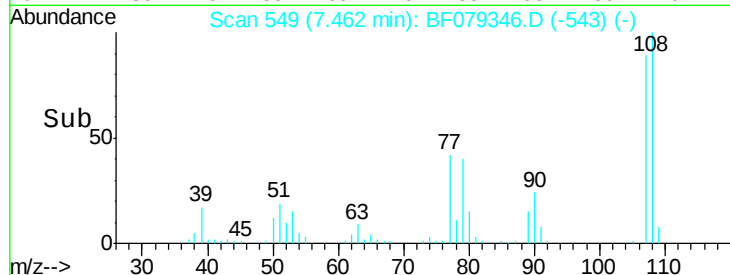
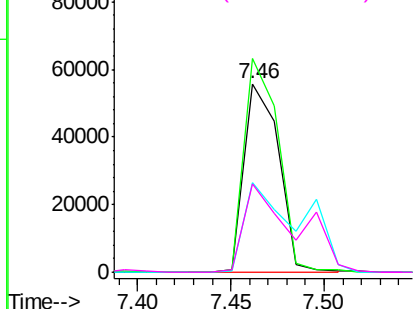
#17
2-Methylphenol
Concen: 32.83 ng
RT: 7.46 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

Tot 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#

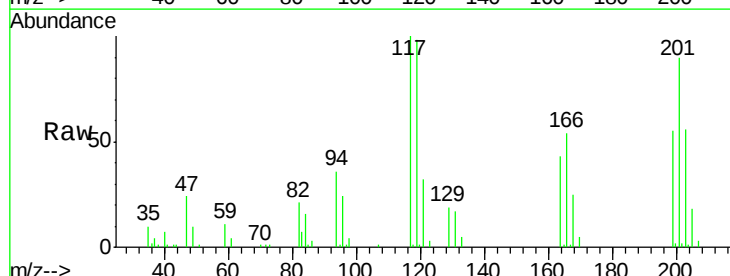


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

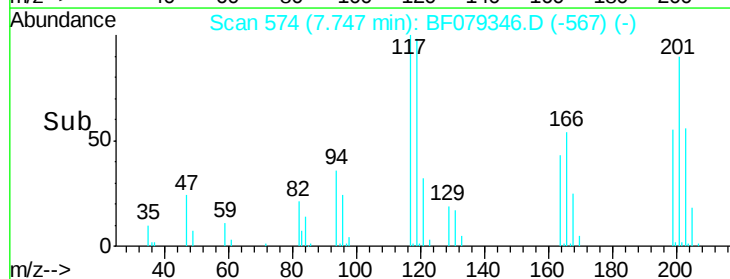
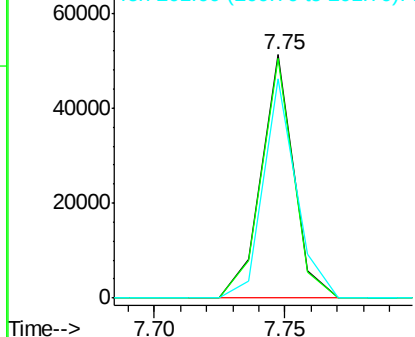


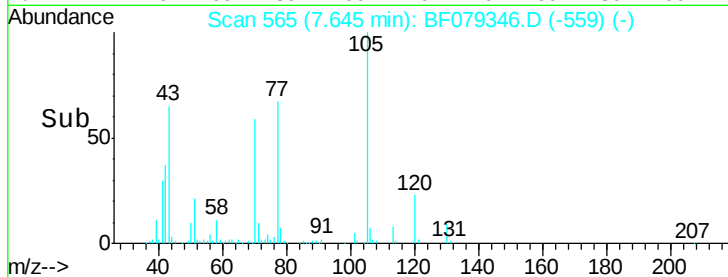
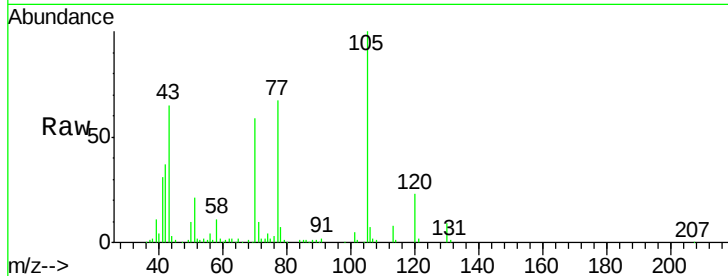
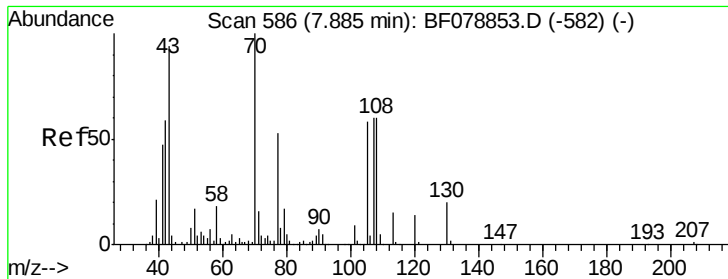
#18
Hexachloroethane
Concen: 41.30 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

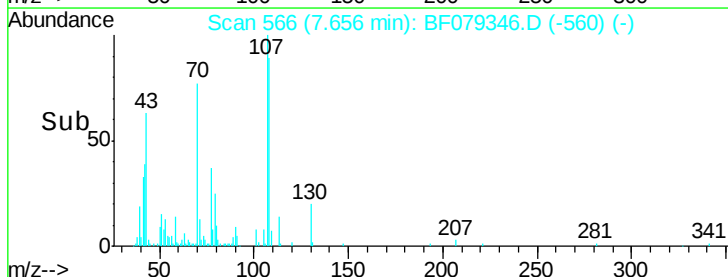
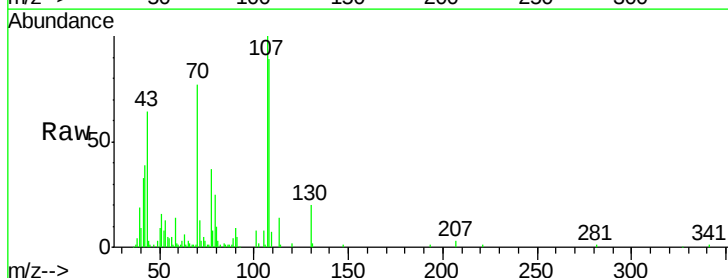
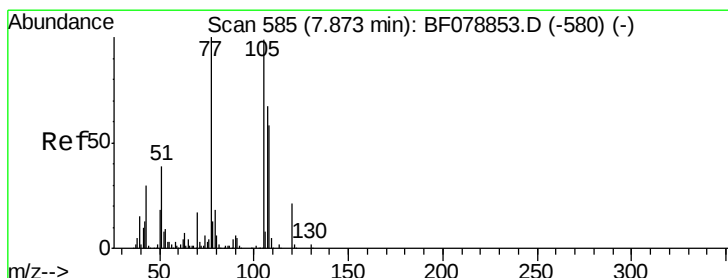
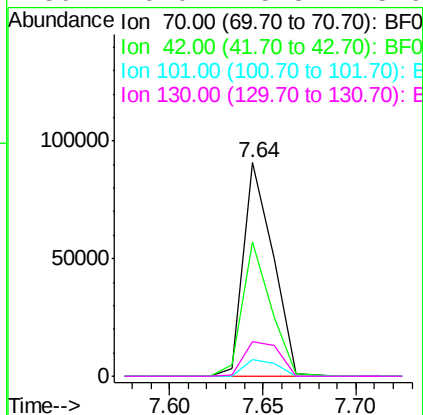




#19
n-Nitroso-di-n-propylamine
Concen: 46.80 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

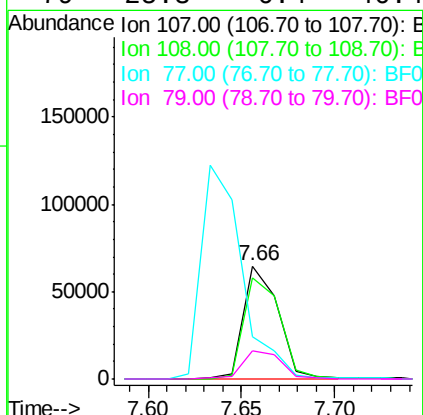
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

Tot 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



#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

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

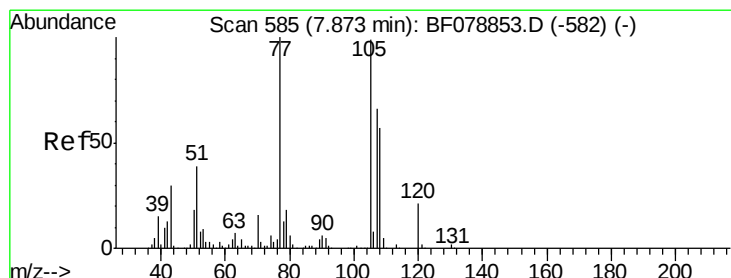
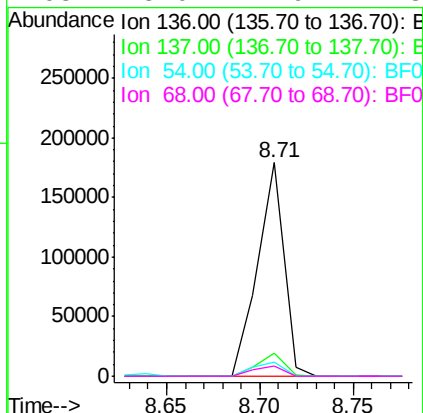
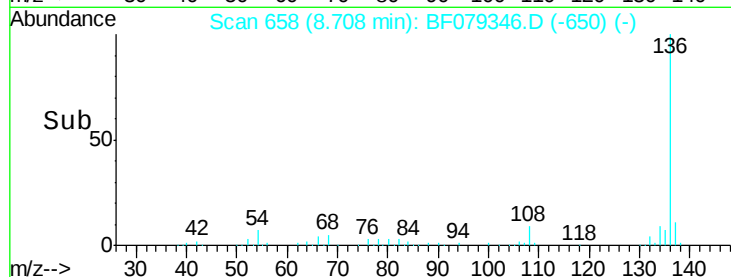
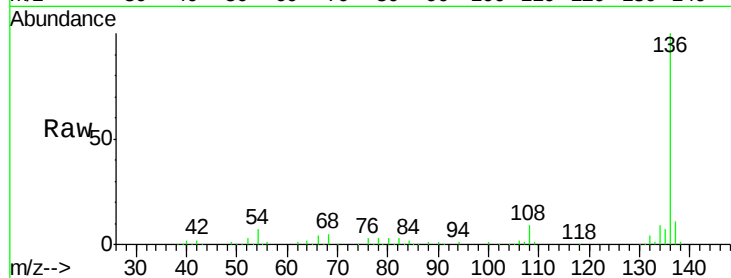




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

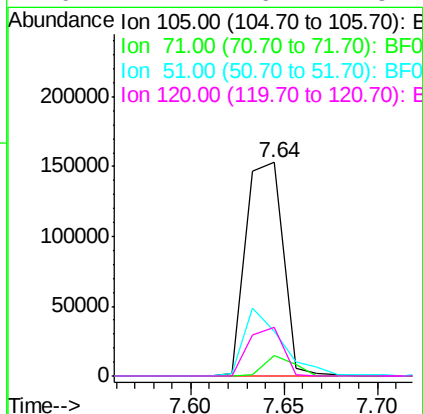
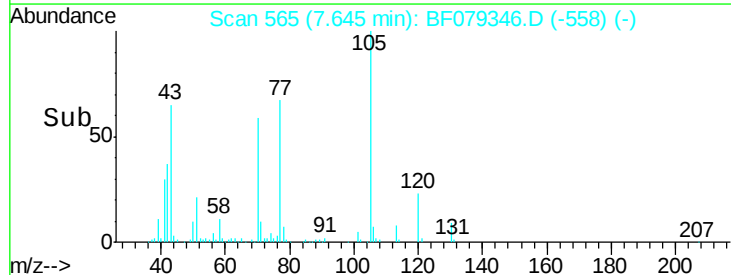
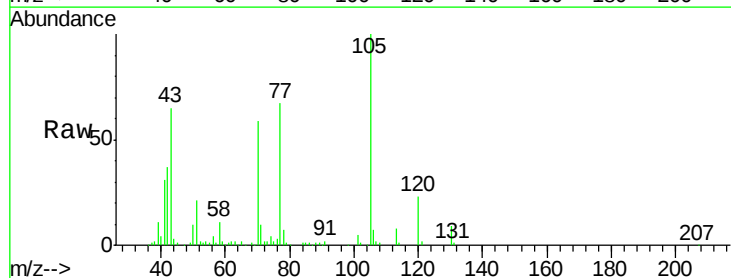
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

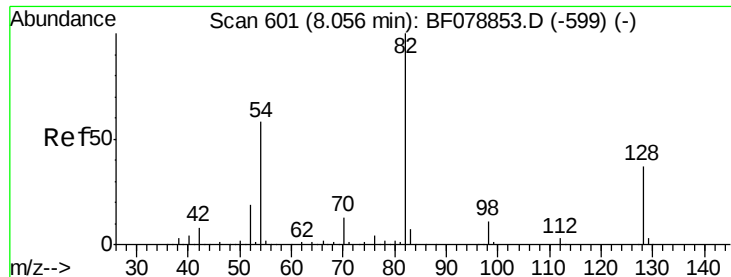
Tot Ion:136	Resp:	174813
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	6.5	6.9 10.3#
68	5.0	4.9 7.3



#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

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

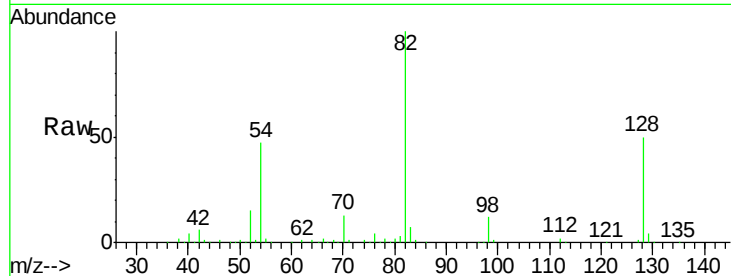




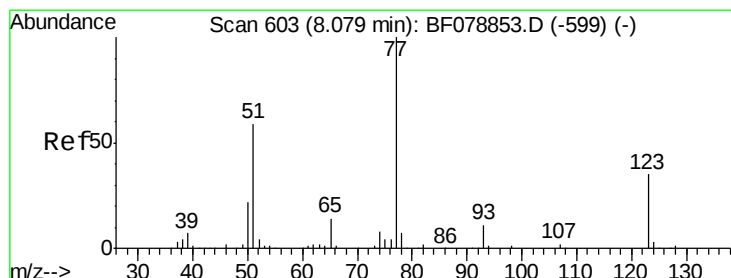
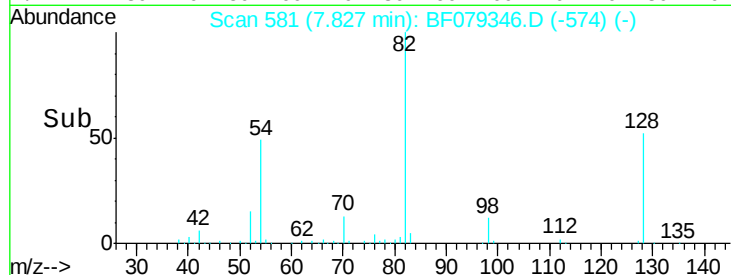
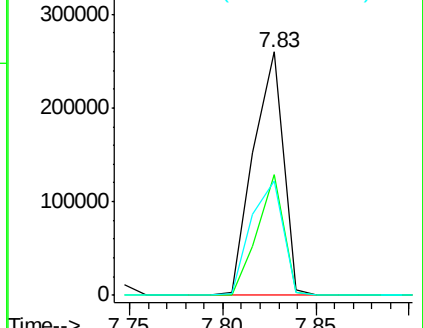
#23
Nitrobenzene-d5
Concen: 95.16 ng
RT: 7.83 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

Tot Ion	82	Resp	289443
Ion Ratio	100	Lower	Upper
128	49.6	29.7	44.5#
54	46.9	46.2	69.4

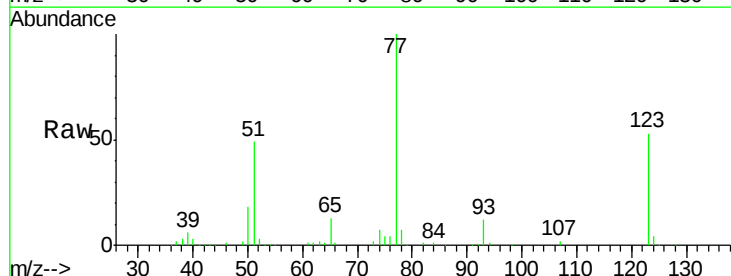


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

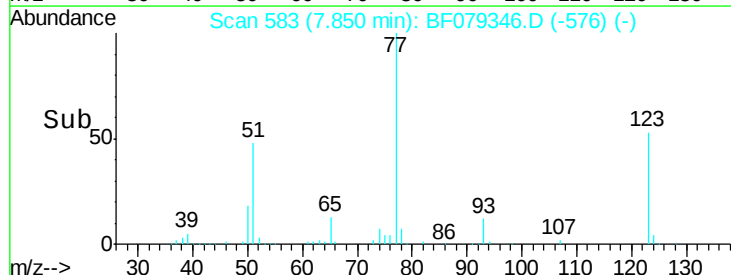
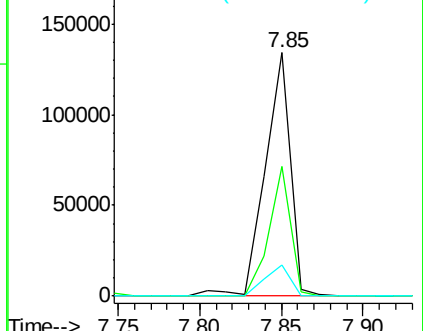


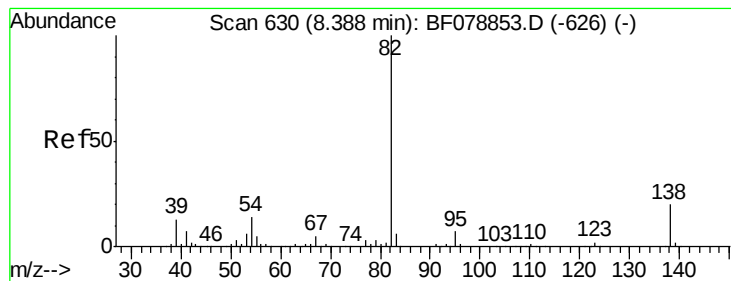
#24
Nitrobenzene
Concen: 47.50 ng
RT: 7.85 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

Tgt Ion	77	Resp	143213
Ion Ratio	100	Lower	Upper
123	53.2	28.3	42.5#
65	12.7	11.0	16.4



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





#25

Isophorone

Concen: 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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

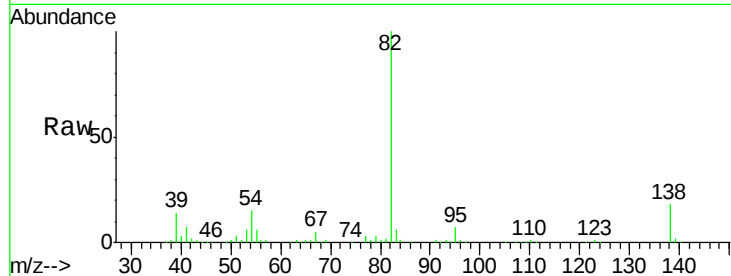
Tot Ion: 82 Resp: 274276

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 18.3 16.1 24.1

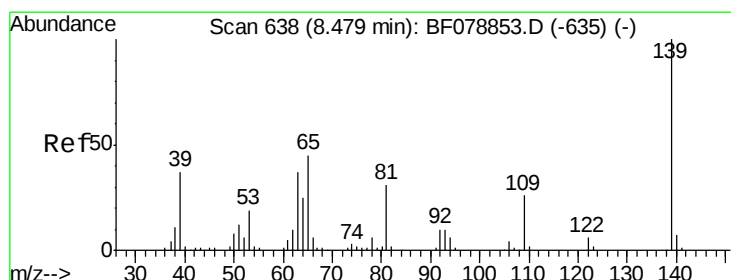
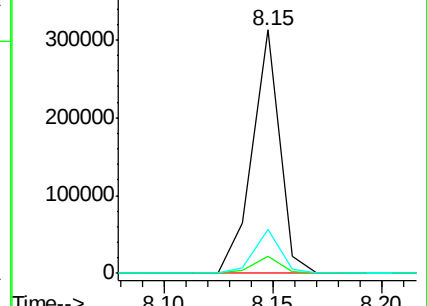
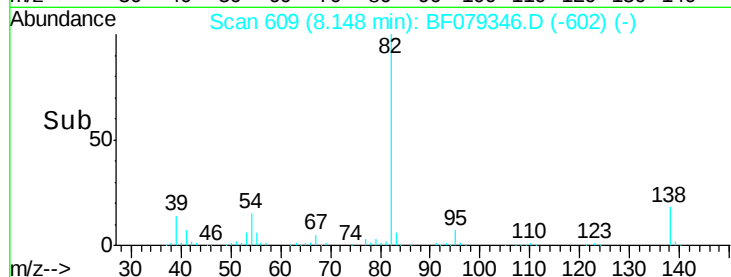


Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-626) (-)

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

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

Time-->



#26

2-Nitrophenol

Concen: 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

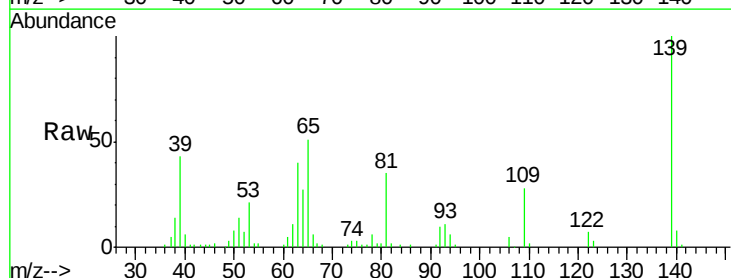
Tgt Ion: 139 Resp: 67169

Ion Ratio Lower Upper

139 100

109 27.6 20.9 31.3

65 51.1 35.8 53.8

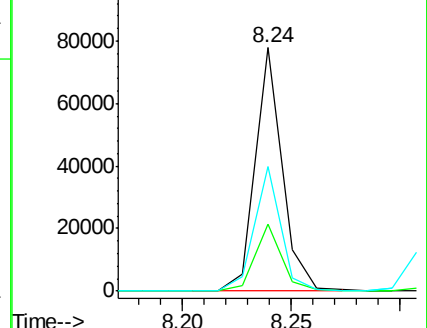
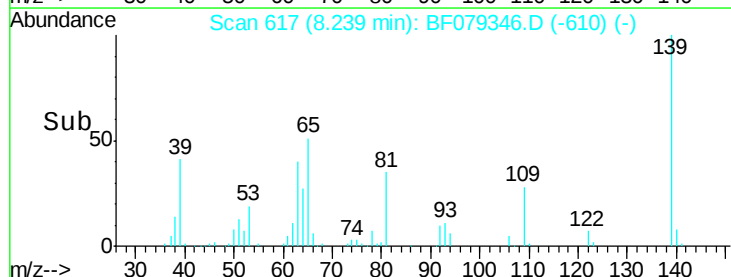


Abundance Ion 139.00 (138.70 to 139.70): BF078853.D (-635) (-)

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

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

Time-->





#27

2,4-Dimethylphenol

Concen: 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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

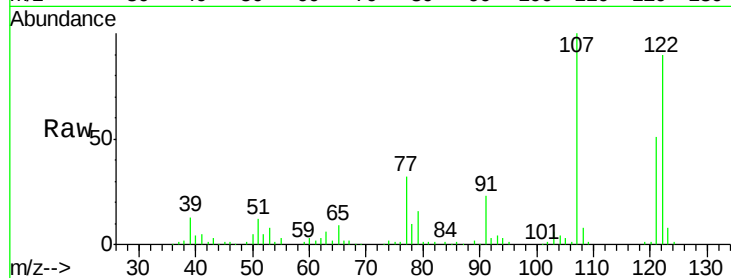
Tot Ion:122 Resp: 109310

Ion Ratio Lower Upper

122 100

107 111.2 83.6 125.4

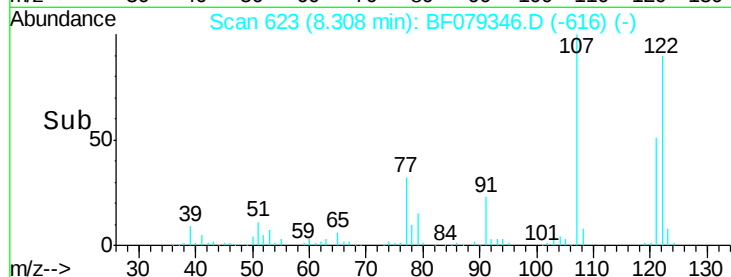
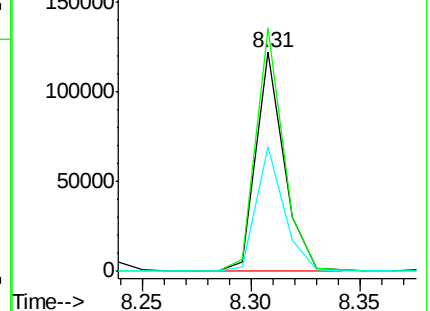
121 56.9 44.9 67.3



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

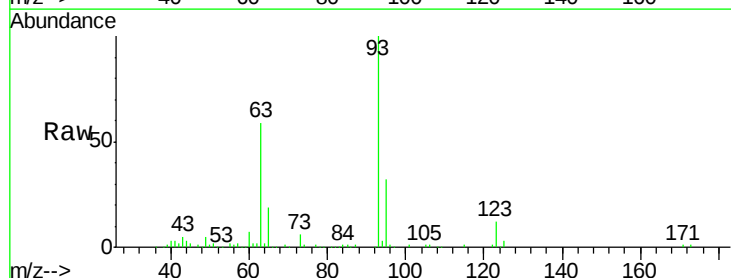
Tgt Ion: 93 Resp: 167870

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

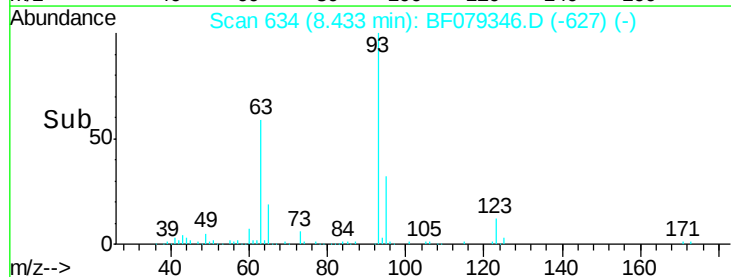
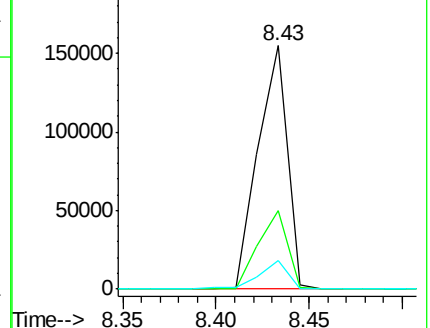
123 11.6 8.6 12.8



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): E

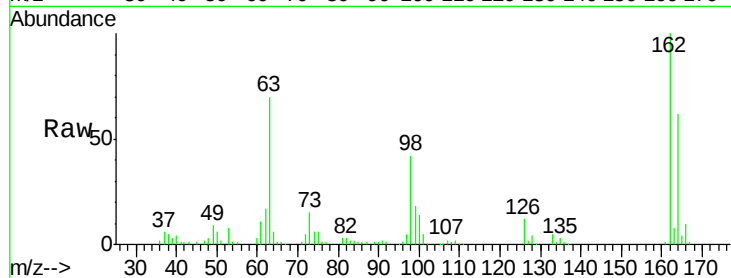




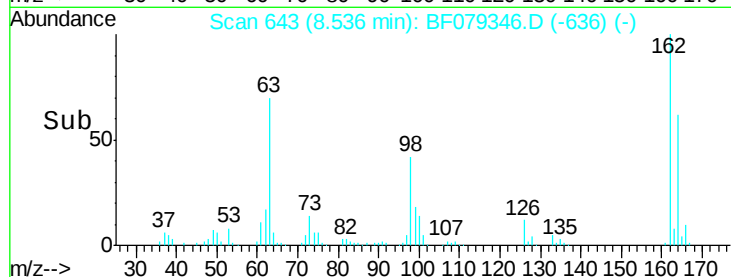
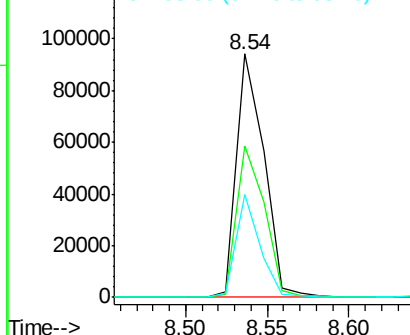
#29
 2,4-Dichlorophenol
 Concen: 49.01 ng
 RT: 8.54 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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

Tot Ion:162 Resp: 108831
 Ion Ratio Lower Upper
 162 100
 164 62.1 42.7 82.7
 98 42.3 26.3 66.3

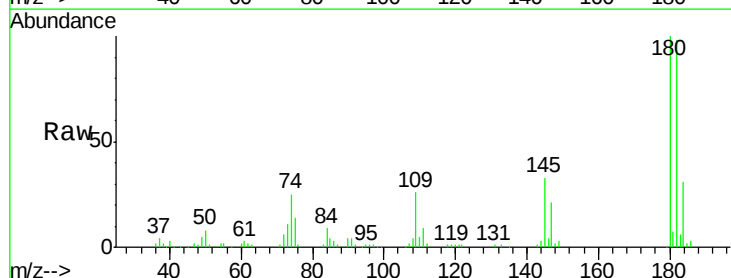


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

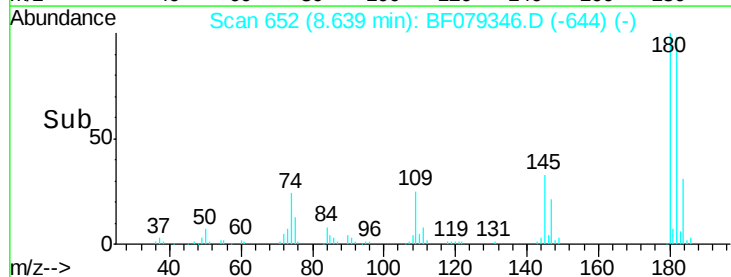
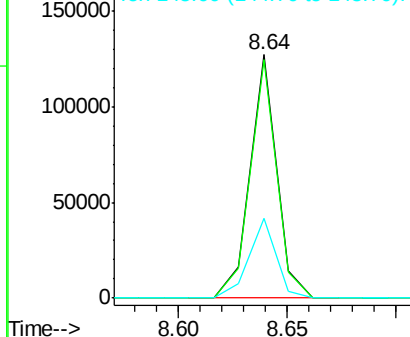


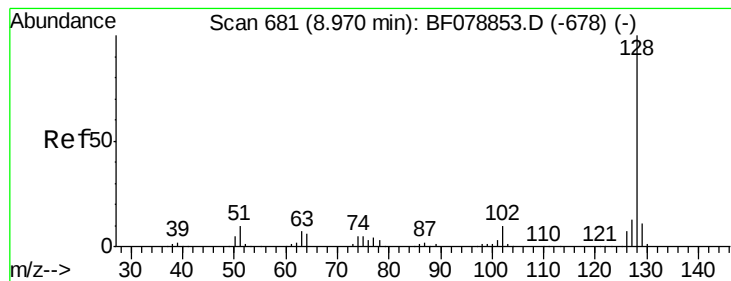
#30
 1,2,4-Trichlorobenzene
 Concen: 44.50 ng
 RT: 8.64 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

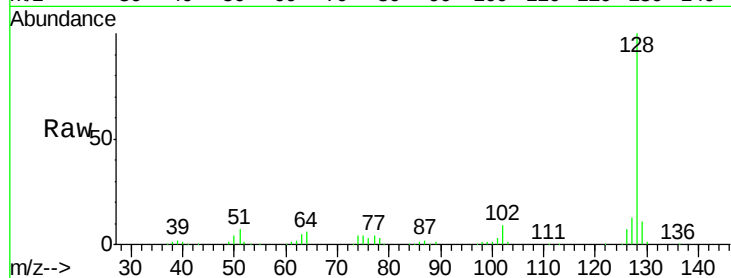
Tot Ion:128 Resp: 381494

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

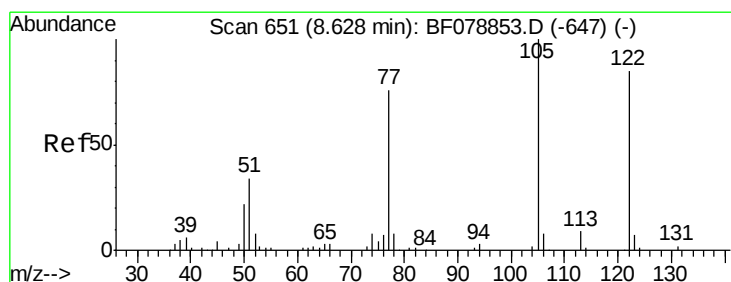
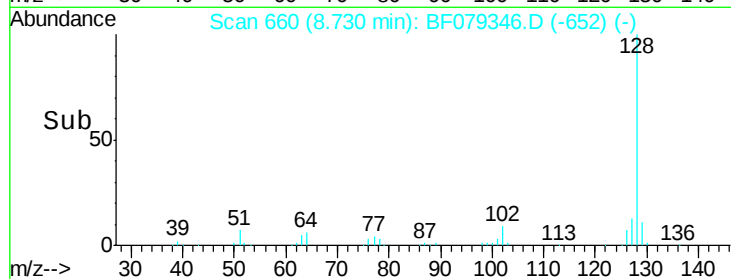
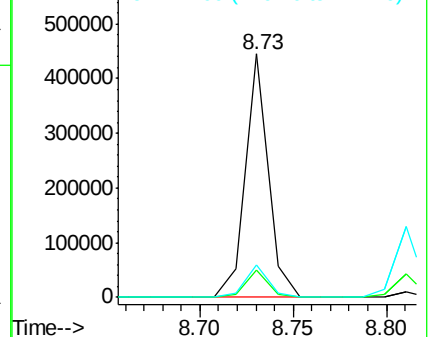
127 13.4 10.3 15.5



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: 18.29 ng m

RT: 8.40 min Scan# 631

Delta R.T. -0.05 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

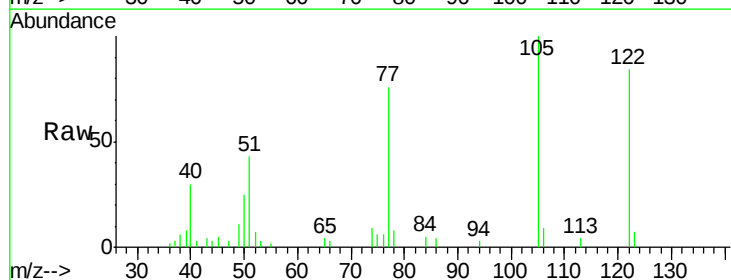
Tgt Ion:122 Resp: 21576

Ion Ratio Lower Upper

122 100

105 119.2 100.7 140.7

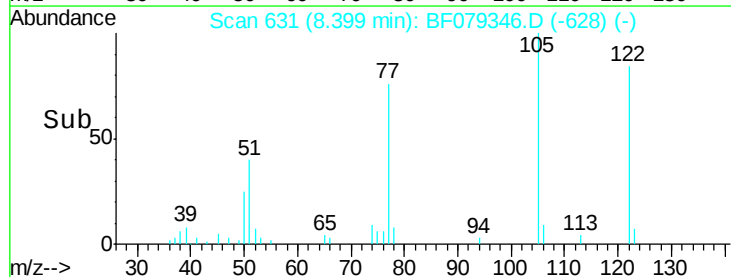
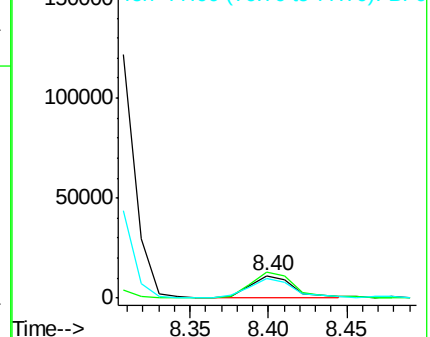
77 91.0 72.0 112.0

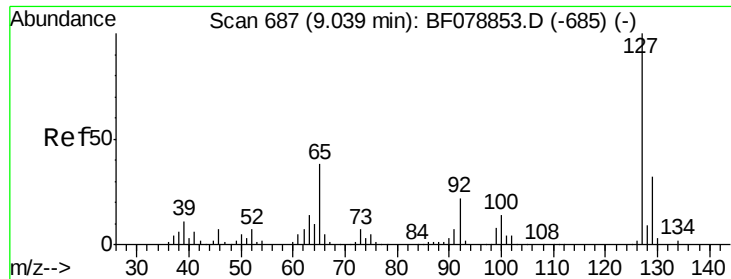


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

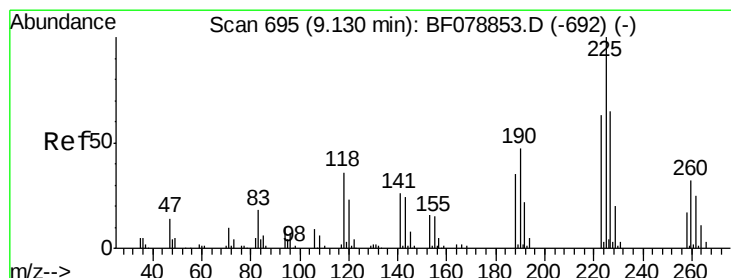
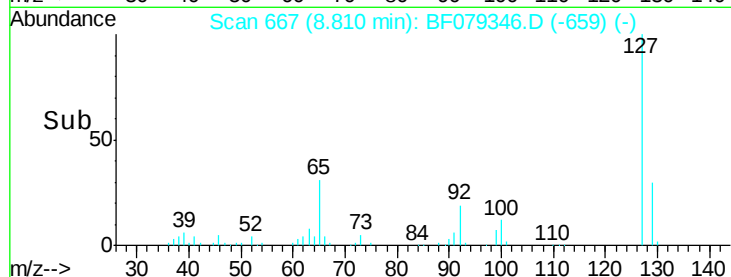
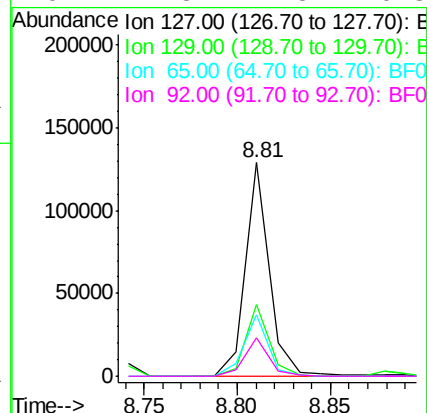
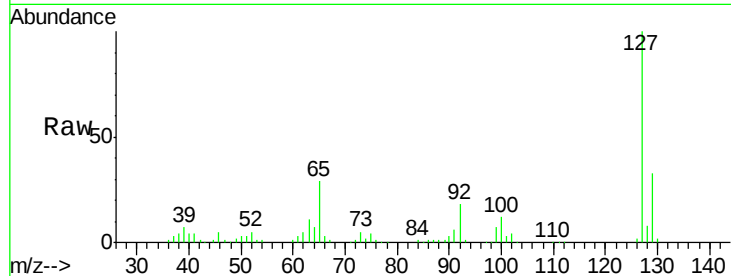




#33
4-Chloroaniline
Concen: 32.69 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

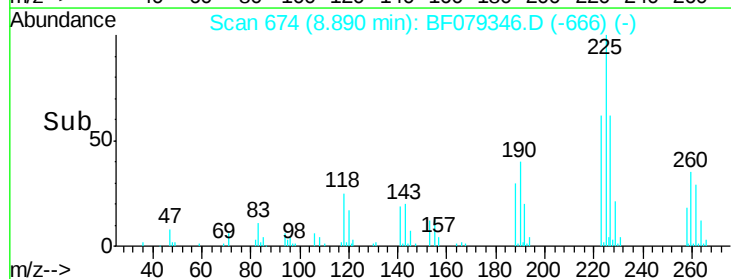
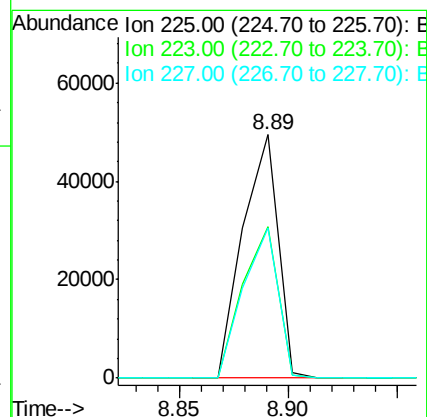
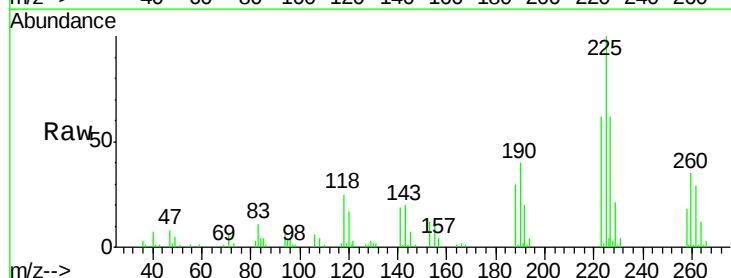
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

Tot 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



#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

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

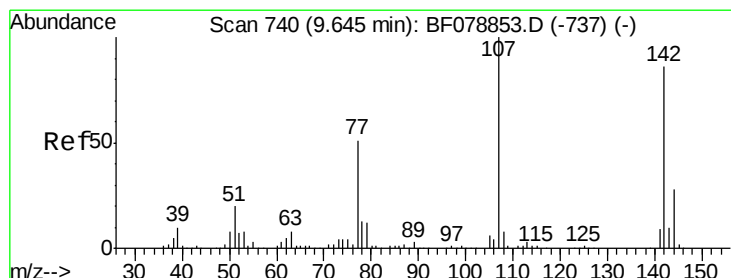
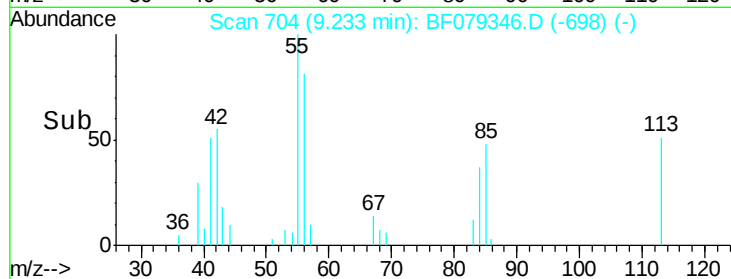
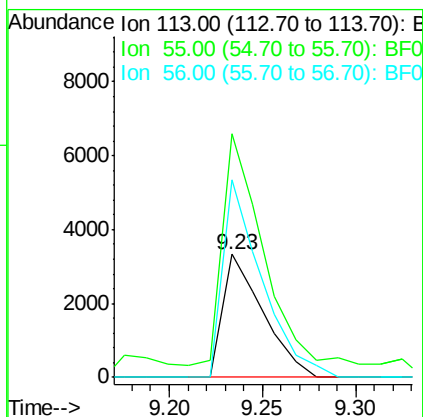
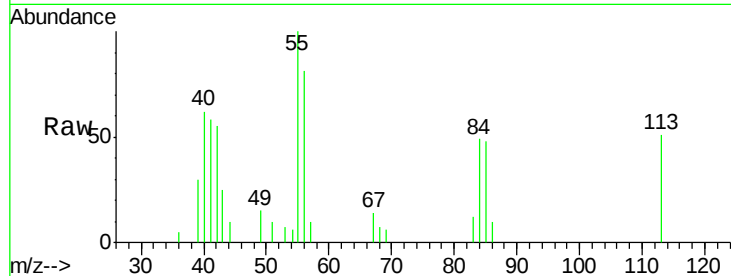




#35
 Caprolactam
 Concen: 6.97 ng
 RT: 9.23 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

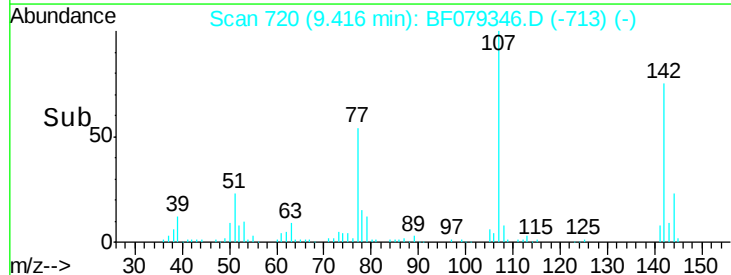
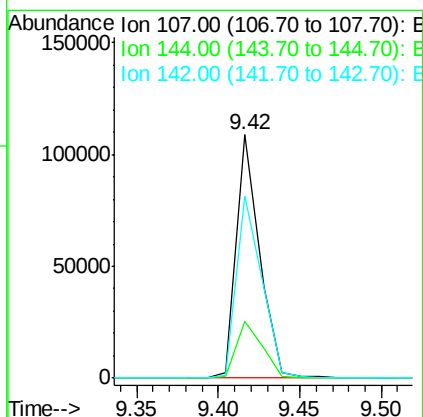
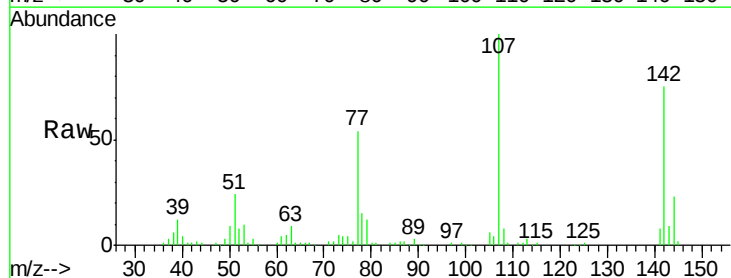
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

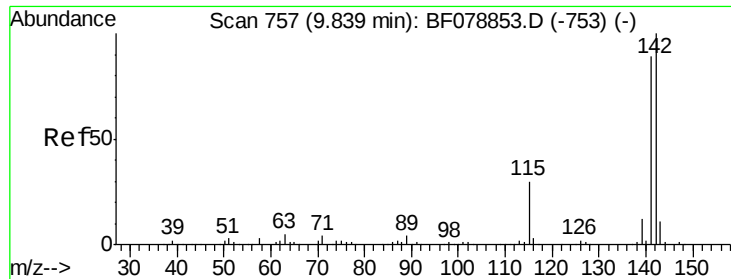
Tot Ion:113 Resp: 5005
 Ion Ratio Lower Upper
 113 100
 55 198.0 176.0 216.0
 56 160.3 123.8 163.8



#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

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

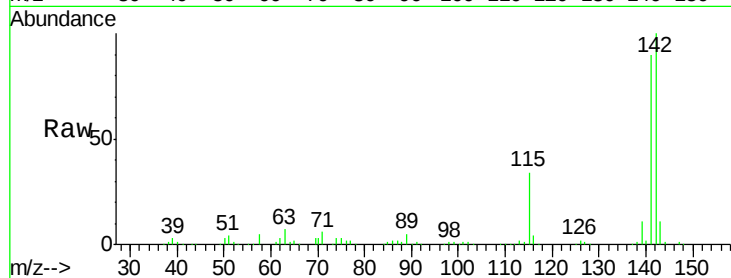




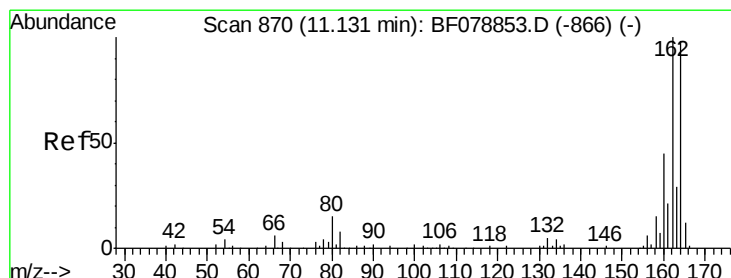
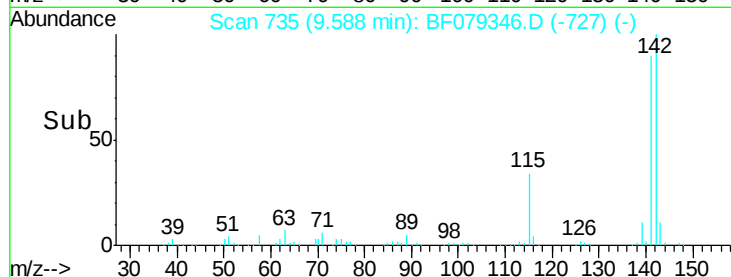
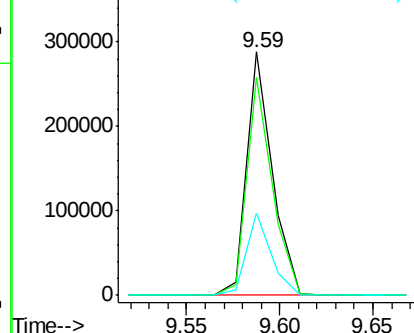
#37
 2-Methylnaphthalene
 Concen: 47.62 ng
 RT: 9.59 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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

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

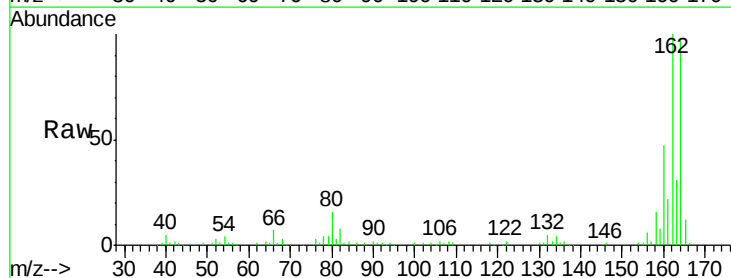


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

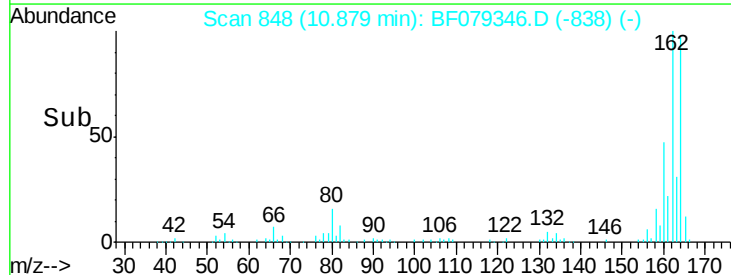
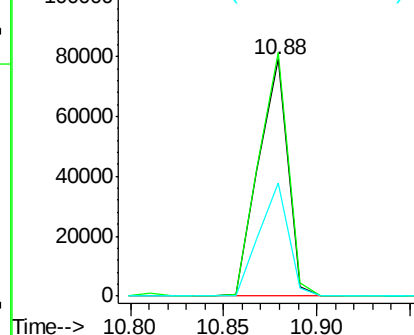


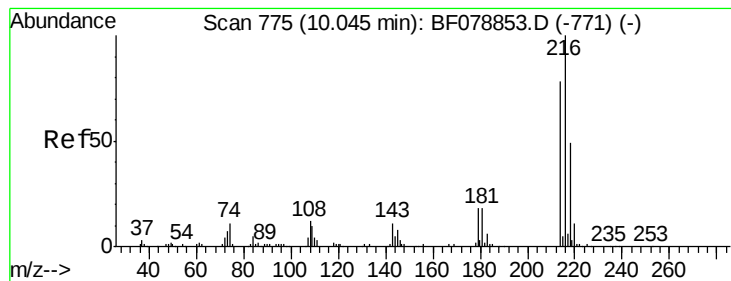
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

Tot Ion:216 Resp: 109238

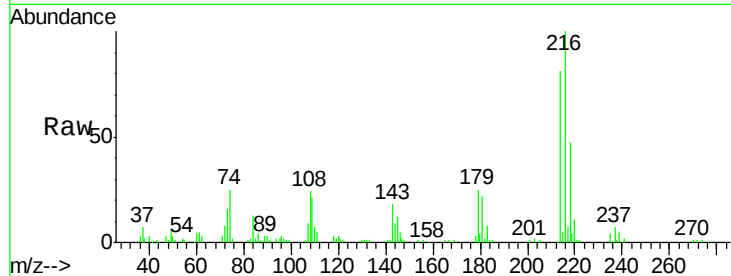
Ion Ratio Lower Upper

216 100

214 79.1 64.0 96.0

179 22.7 17.0 25.4

108 23.3 17.0 25.6

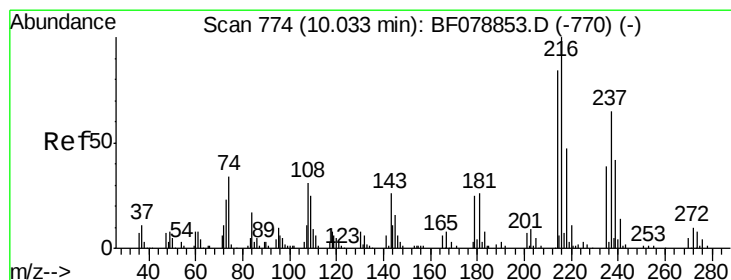
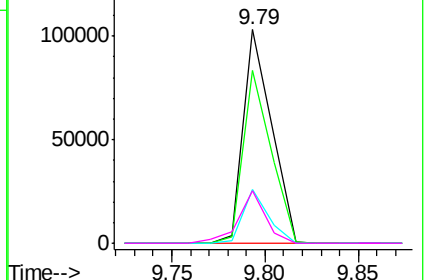
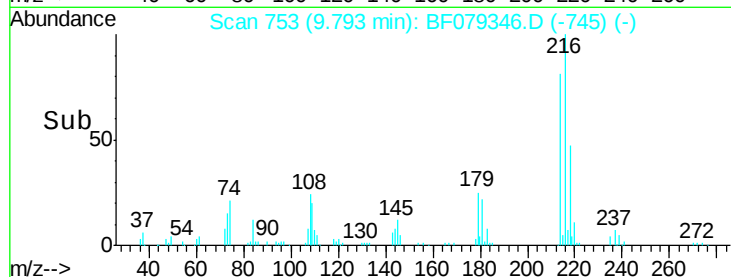


Abundance Ion 216.00 (215.70 to 216.70): E

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

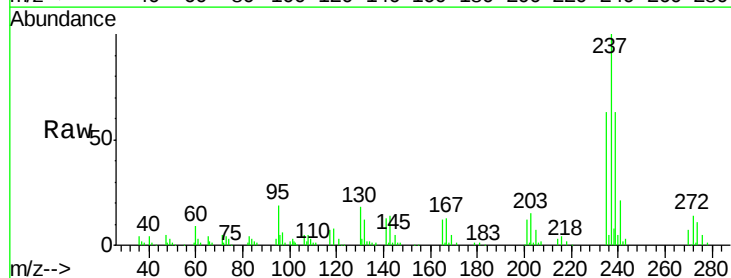
Tgt Ion:237 Resp: 85856

Ion Ratio Lower Upper

237 100

235 62.8 40.0 80.0

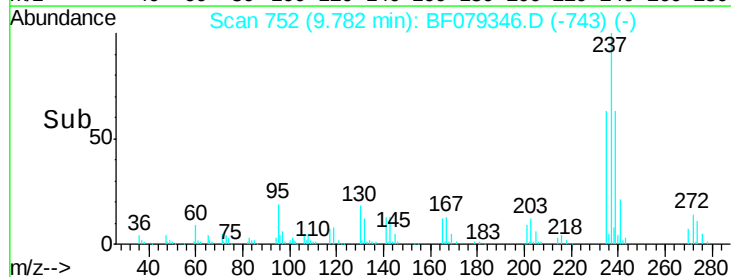
272 13.7 0.0 36.0



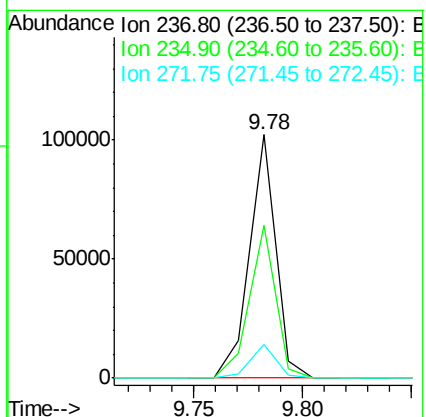
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

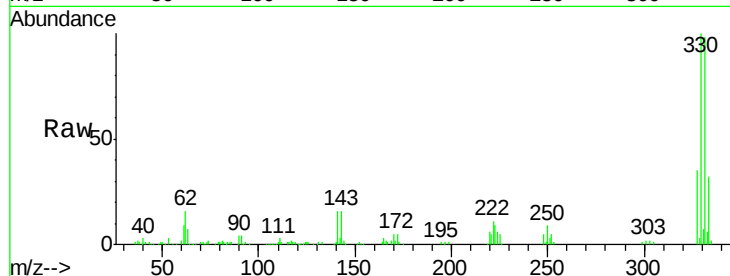




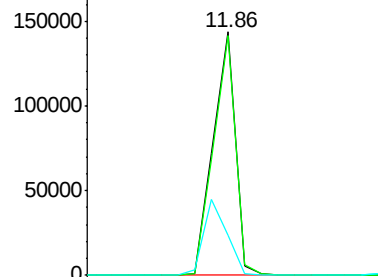
#41
 2,4,6-Tribromophenol
 Concen: 167.22 ng
 RT: 11.86 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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

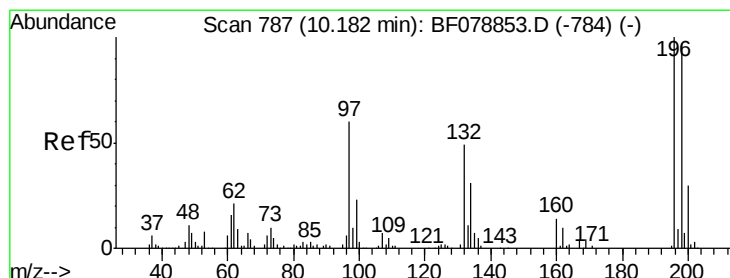
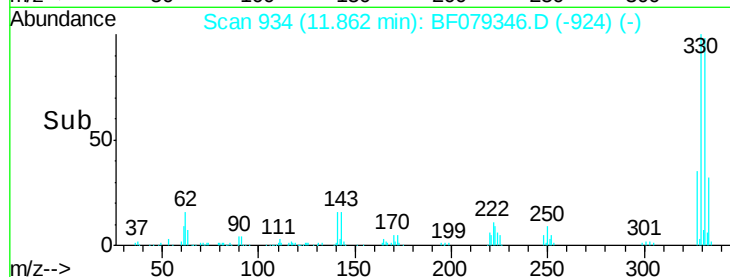
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	32.2	27.8	41.8



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

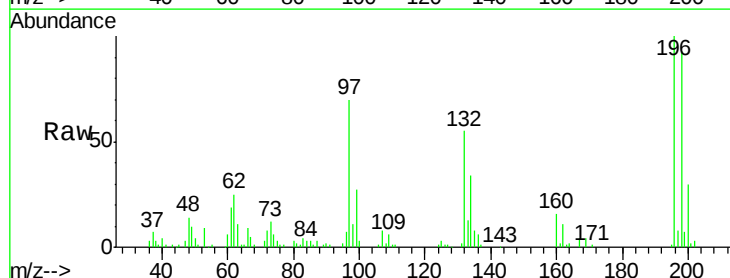


Time-->

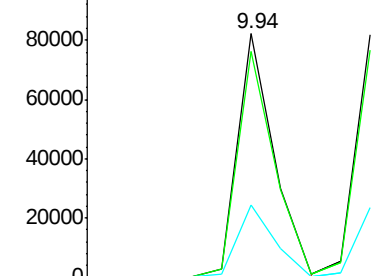


#42
 2,4,6-Trichlorophenol
 Concen: 48.10 ng
 RT: 9.94 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

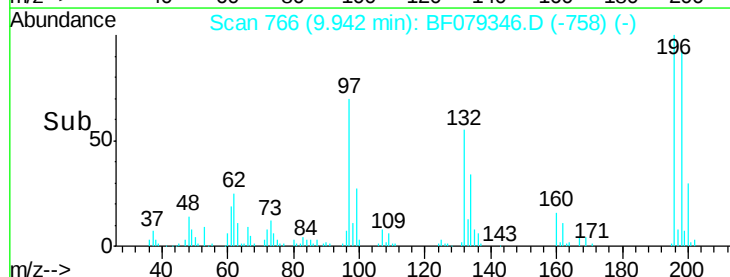
Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	77.4	116.2
200	29.6	23.7	35.5



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



Time-->

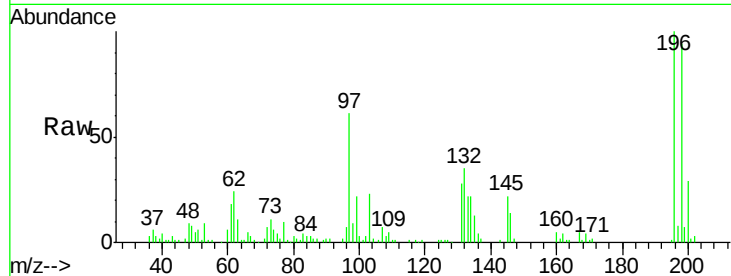




#43
 2,4,5-Trichlorophenol
 Concen: 49.89 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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

Tot 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#



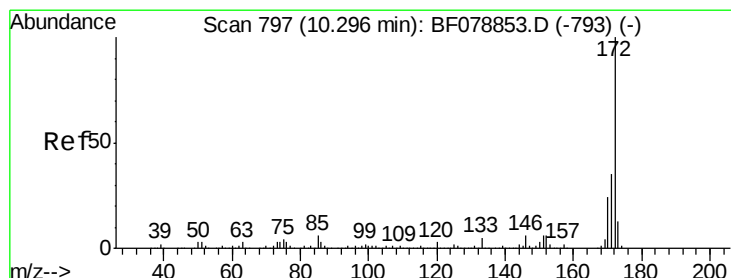
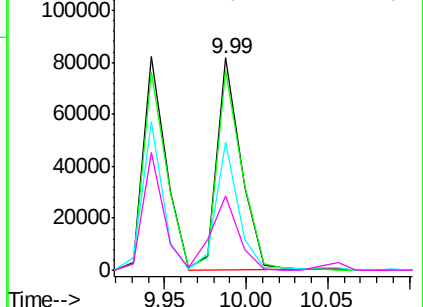
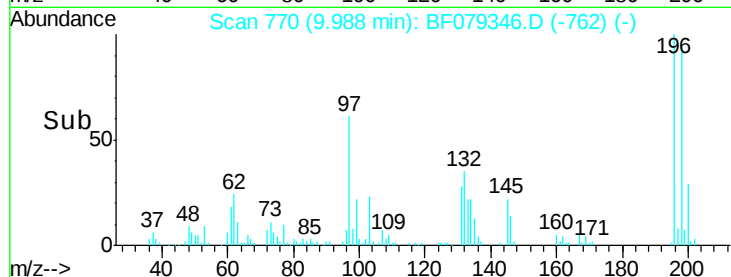
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

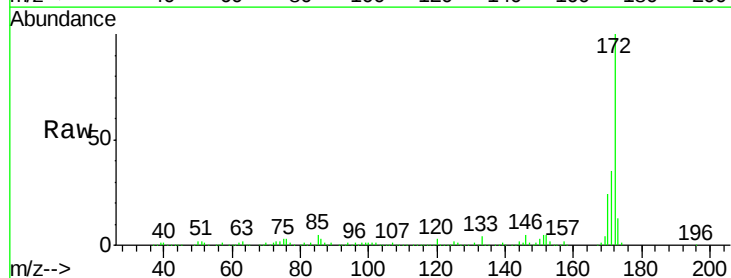
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 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

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

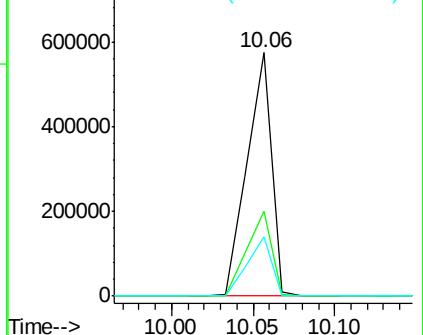
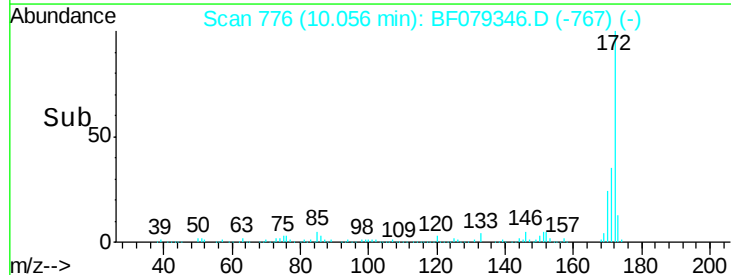


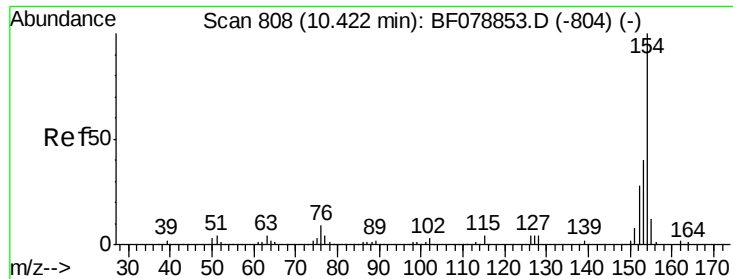
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

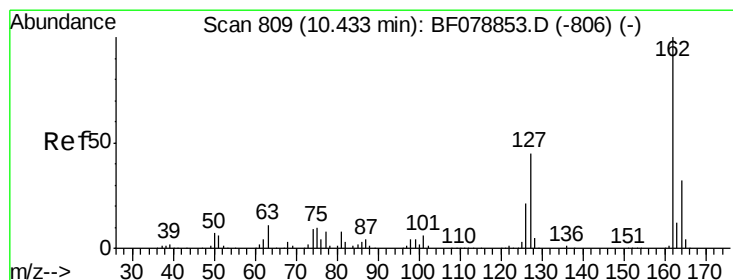
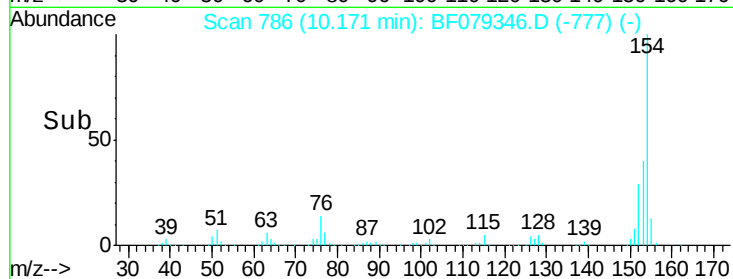
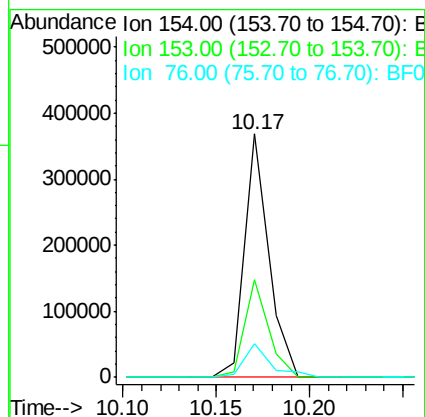
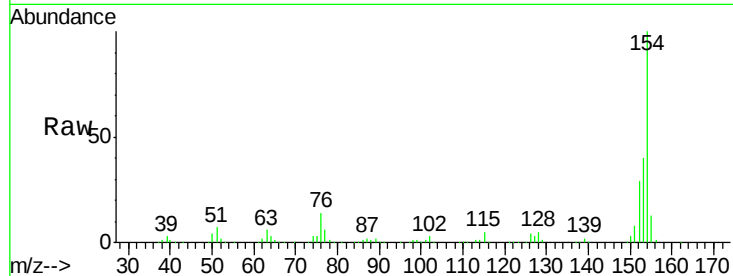




#45
 1,1'-Biphenyl
 Concen: 49.10 ng
 RT: 10.17 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

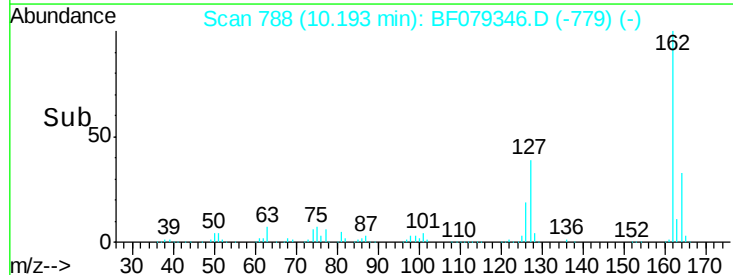
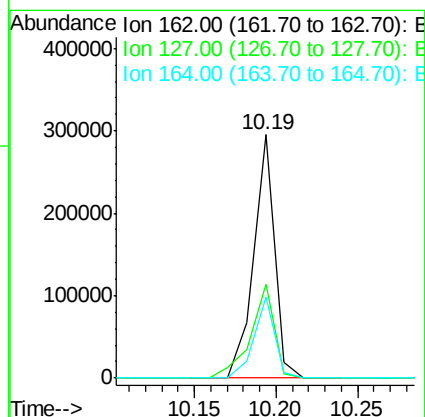
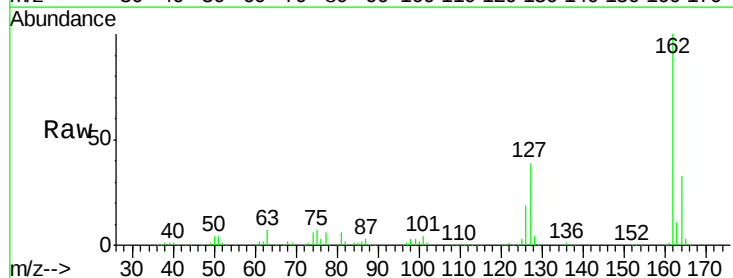
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

Tot 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

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

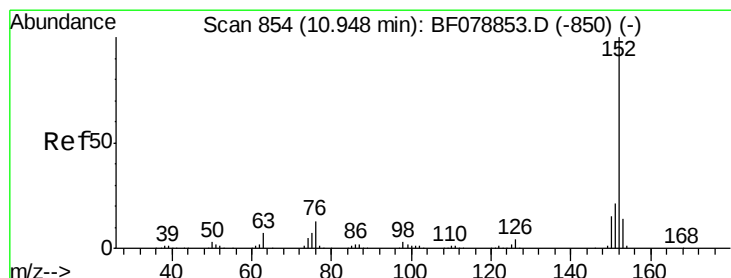
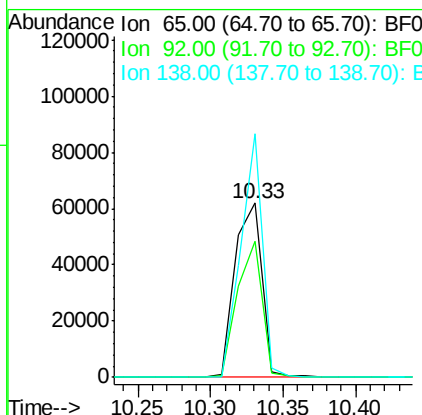
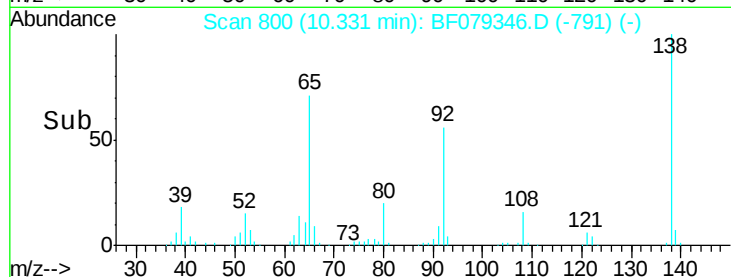
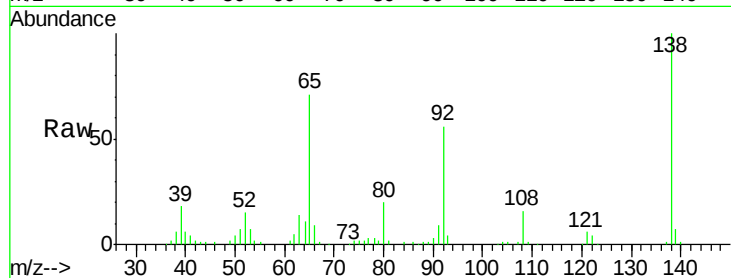




#47
 2-Nitroaniline
 Concen: 52.48 ng
 RT: 10.33 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

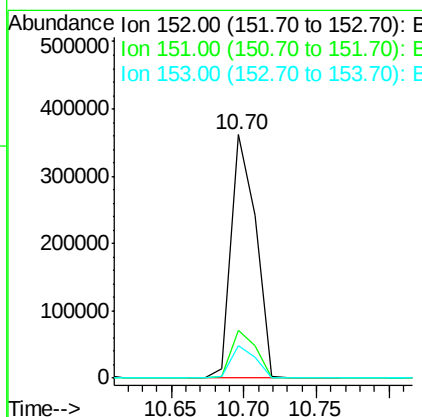
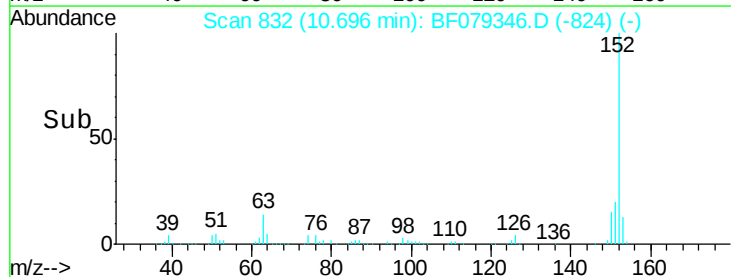
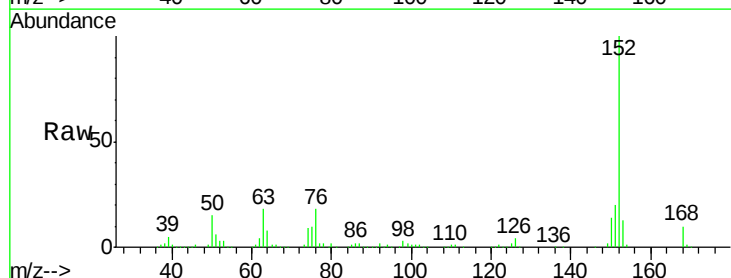
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

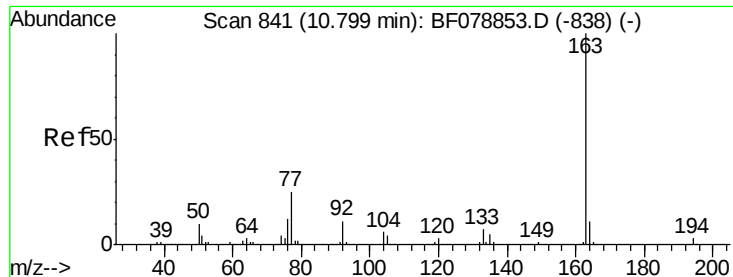
Tot Ion: 65 Resp: 80475
 Ion Ratio Lower Upper
 65 100
 92 77.9 49.1 73.7#
 138 139.9 63.2 94.8#



#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

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

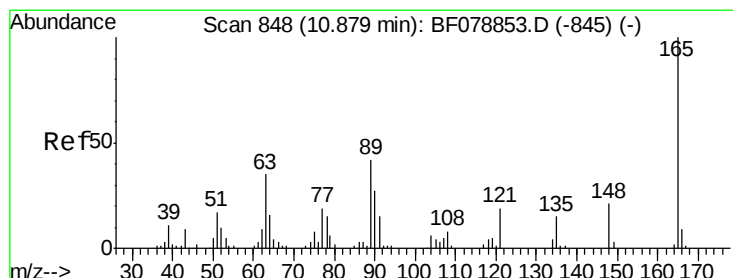
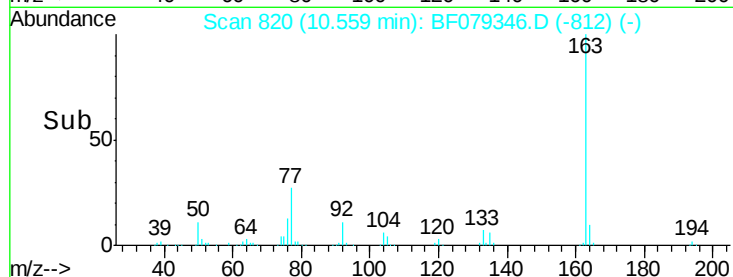
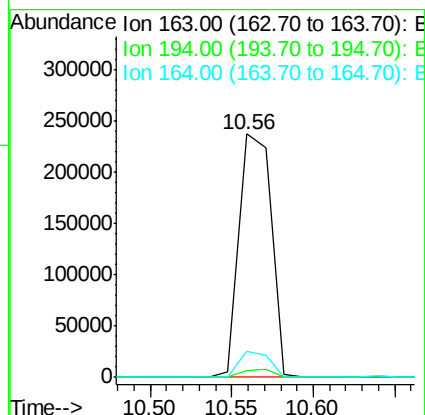
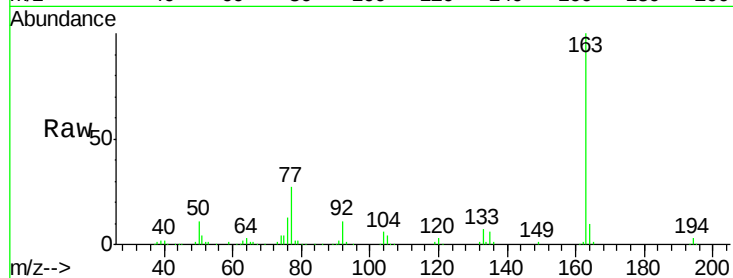




#49
Dimethylphthalate
Concen: 51.43 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

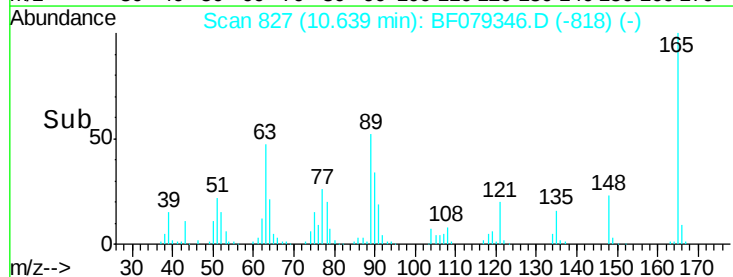
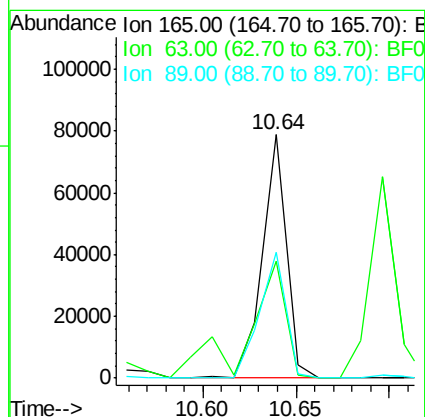
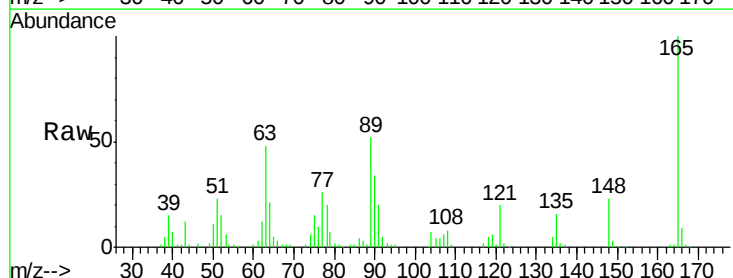
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

Tot Ion:163 Resp: 322116
Ion Ratio Lower Upper
163 100
194 2.8 2.4 3.6
164 10.5 8.6 12.8



#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

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#





#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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

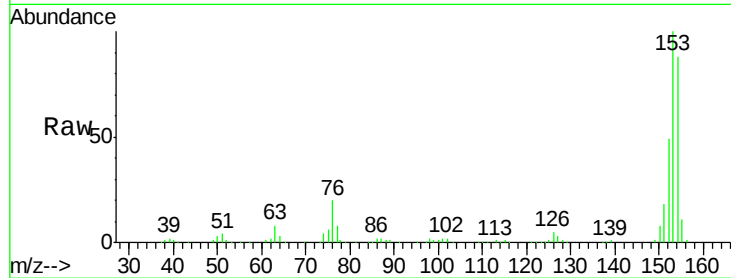
Tot Ion:154 Resp: 248255

Ion Ratio Lower Upper

154 100

153 113.0 90.2 135.2

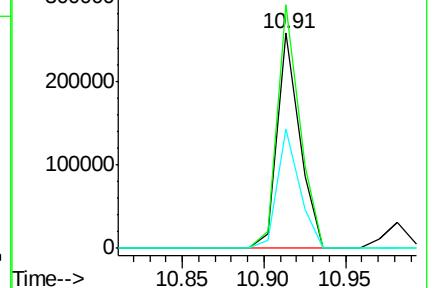
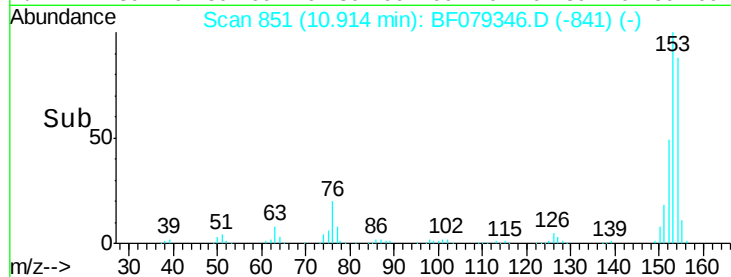
152 55.3 43.8 65.8



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

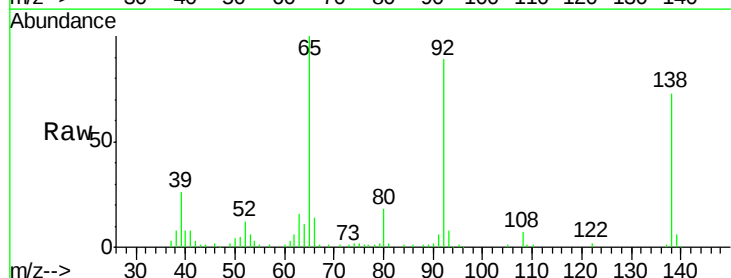
Tgt Ion:138 Resp: 52971

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

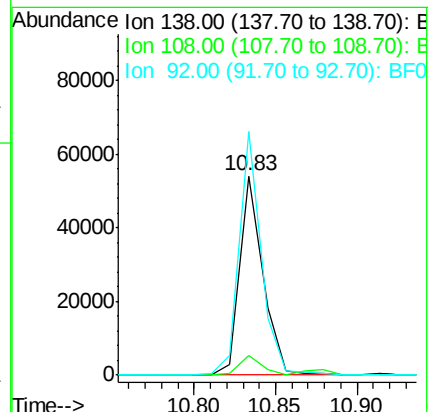
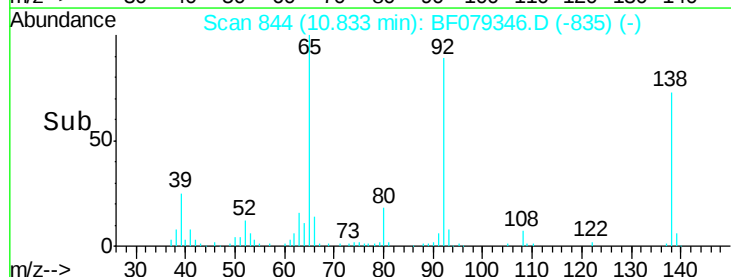
92 122.4 97.4 146.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

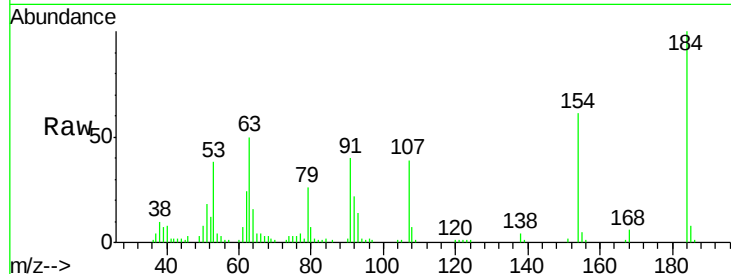




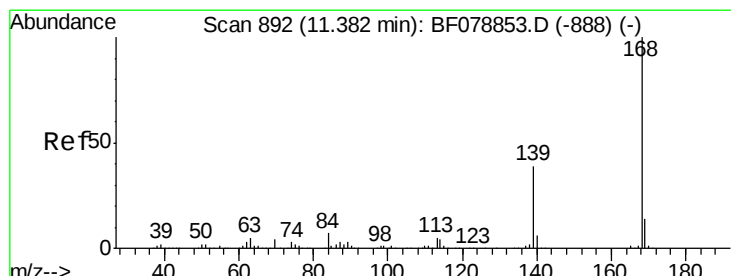
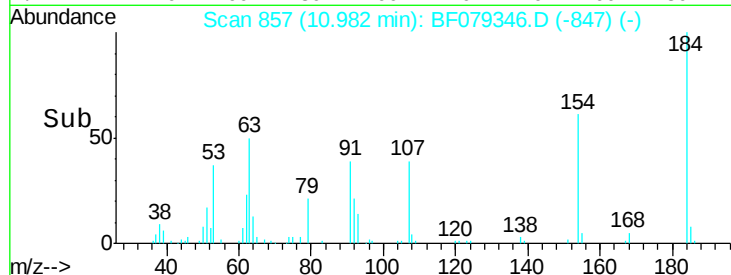
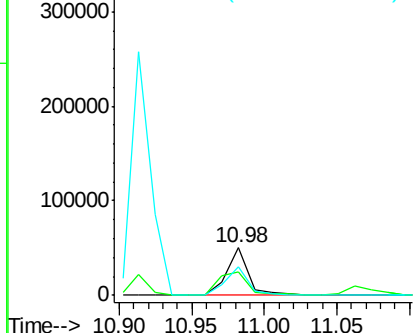
#53
2,4-Dinitrophenol
Concen: 91.19 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

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

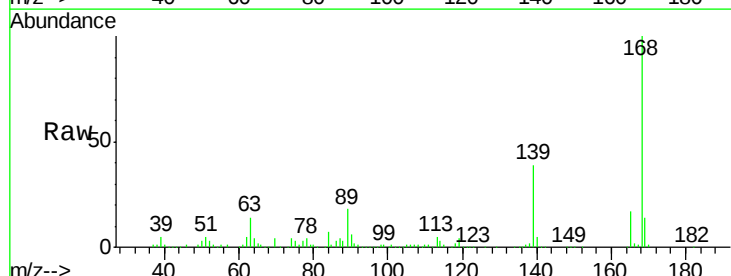


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

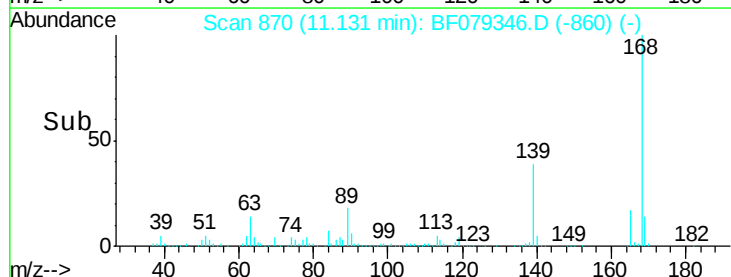
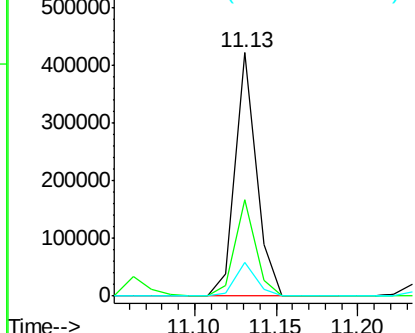


#54
Dibenzofuran
Concen: 50.56 ng
RT: 11.13 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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



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

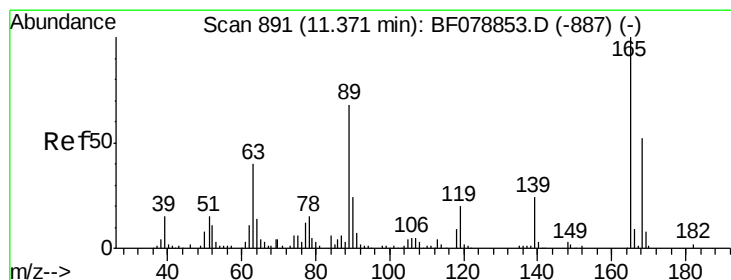
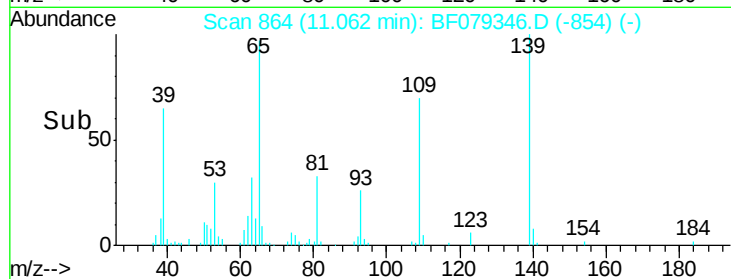
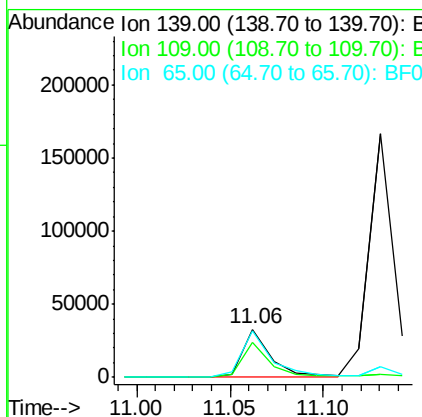
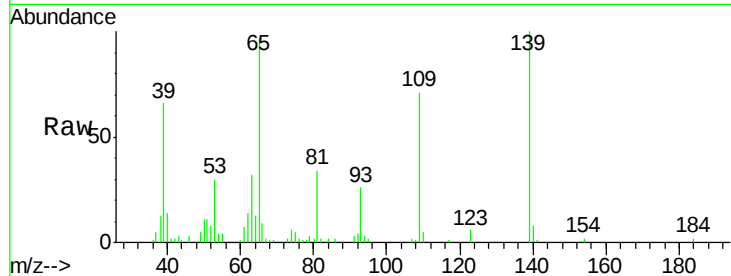




#55
4-Nitrophenol
Concen: 28.94 ng
RT: 11.06 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

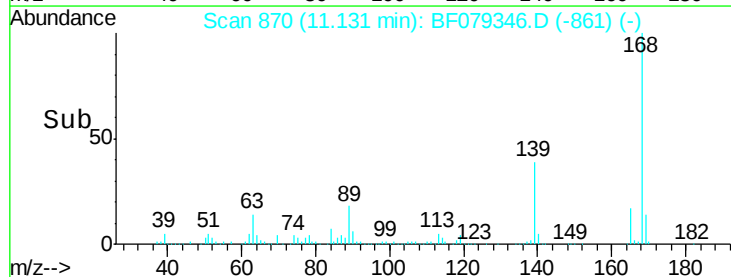
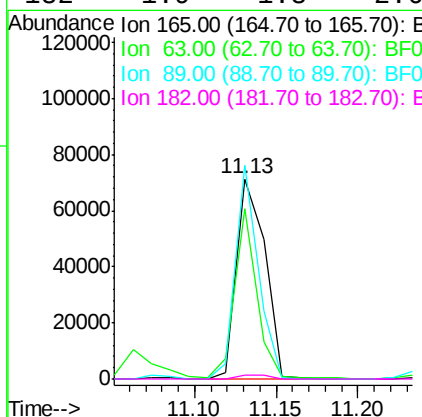
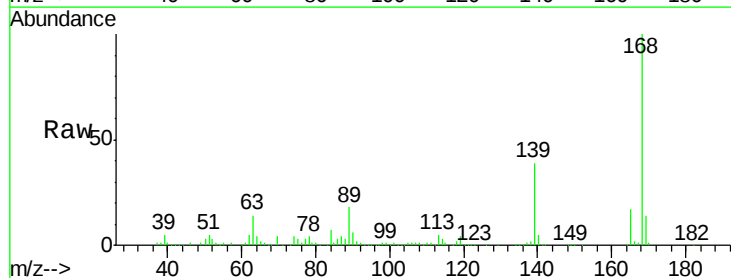
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

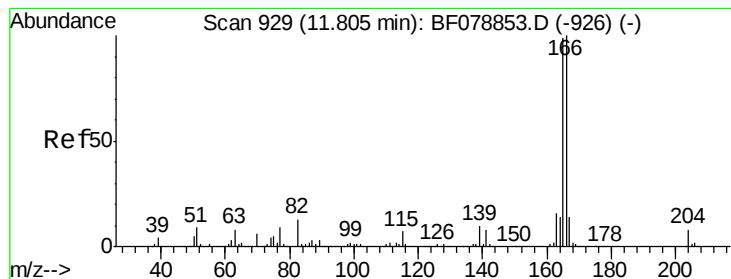
Tot Ion:139 Resp: 35372
Ion Ratio Lower Upper
139 100
109 71.2 54.4 94.4
65 96.9 101.0 141.0#



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

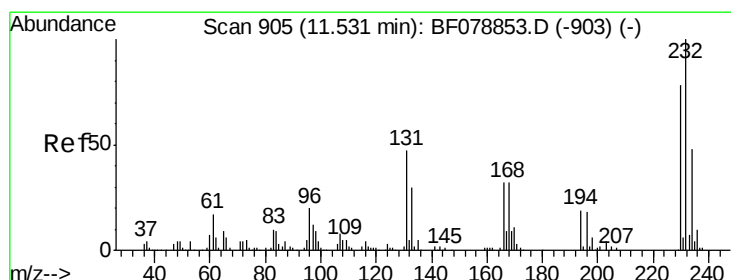
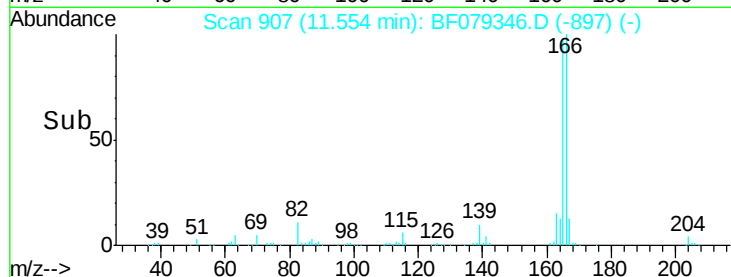
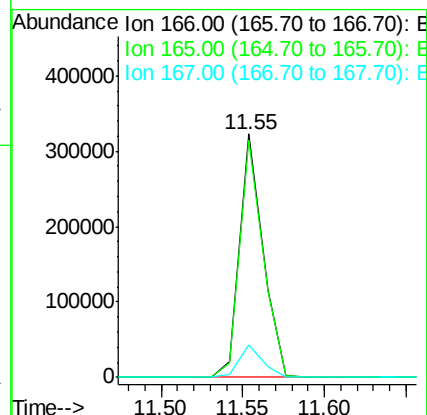
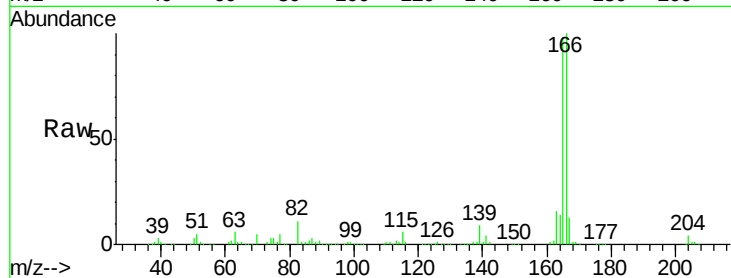
Tot Ion:166 Resp: 317369

Ion Ratio Lower Upper

166 100

165 97.6 79.5 119.3

167 13.3 11.0 16.6



#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

Tgt Ion:232 Resp: 69533

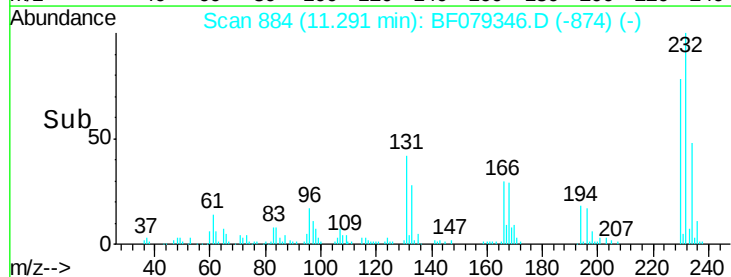
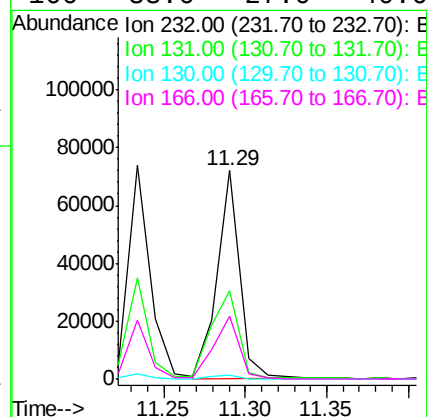
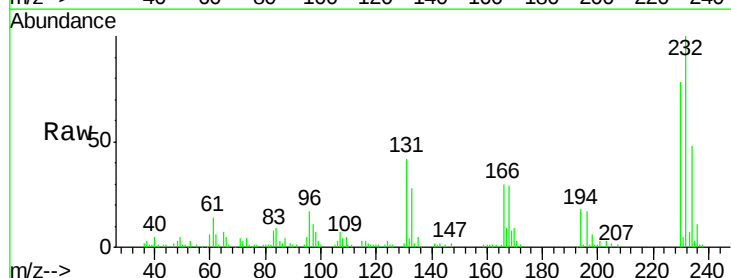
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

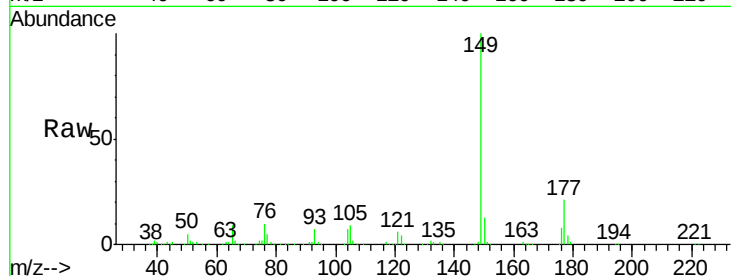
Tot Ion:149 Resp: 322827

Ion Ratio Lower Upper

149 100

177 20.6 16.4 24.6

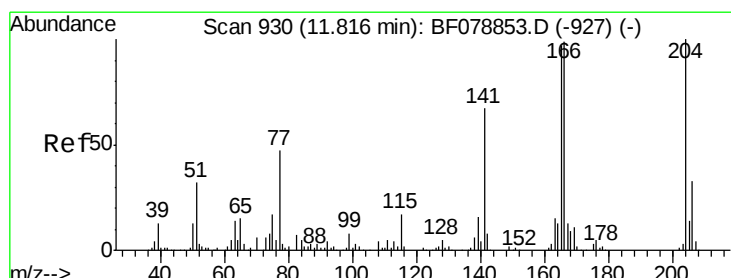
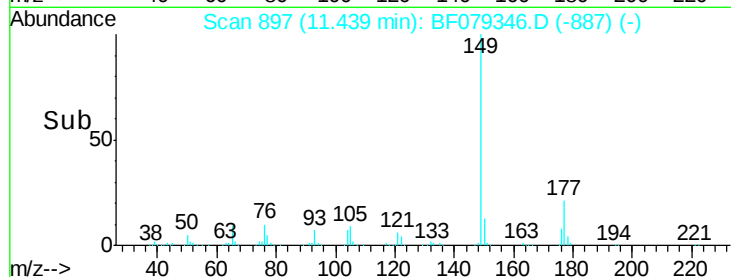
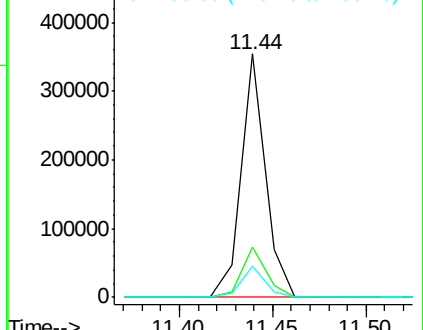
150 12.6 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 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

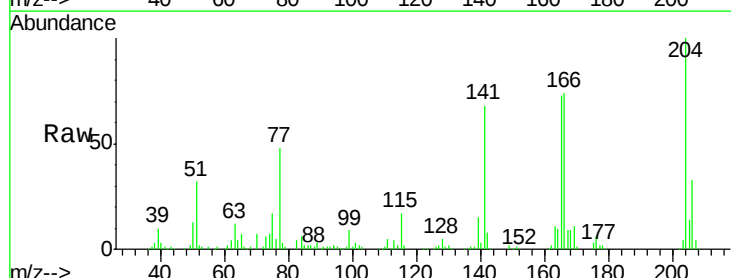
Tgt Ion:204 Resp: 140285

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.4

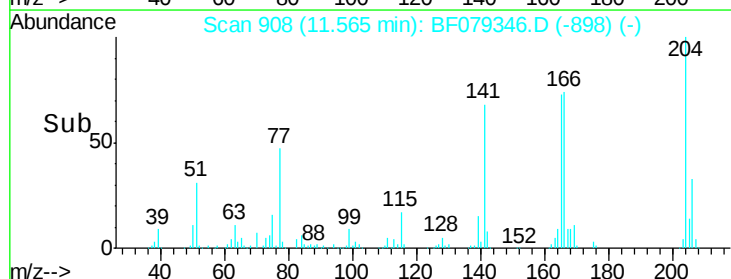
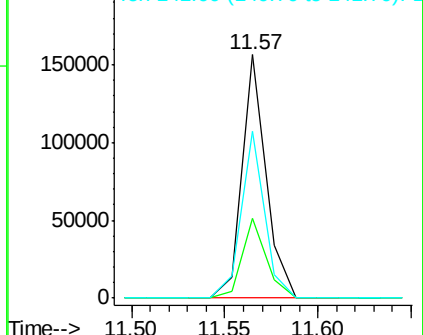
141 68.3 53.6 80.4



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

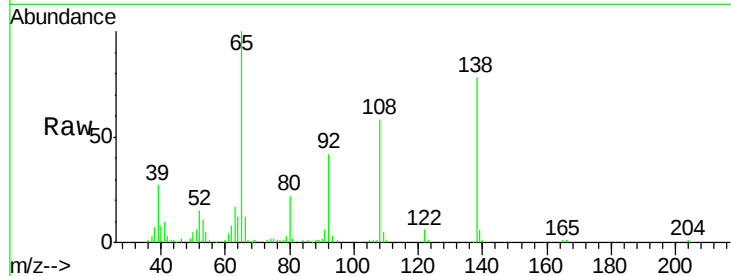




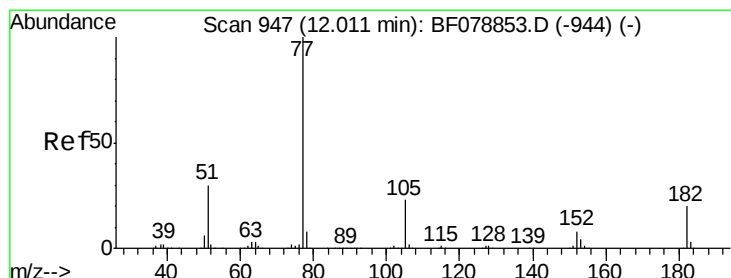
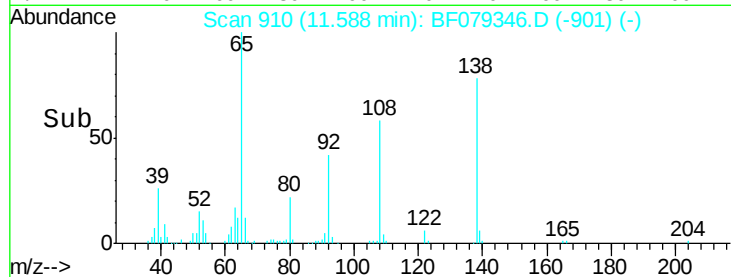
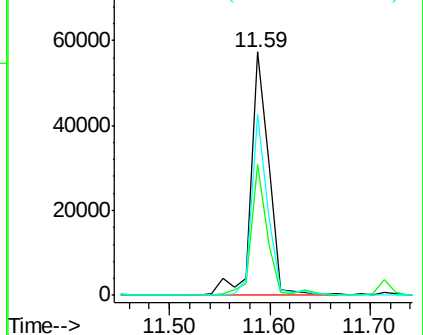
#61
4-Nitroaniline
Concen: 45.55 ng
RT: 11.59 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

Tot Ion:138 Resp: 70364
Ion Ratio Lower Upper
138 100
92 53.7 33.7 73.7
108 74.5 53.4 93.4

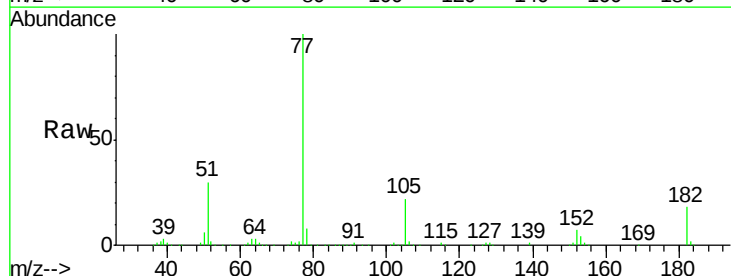


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

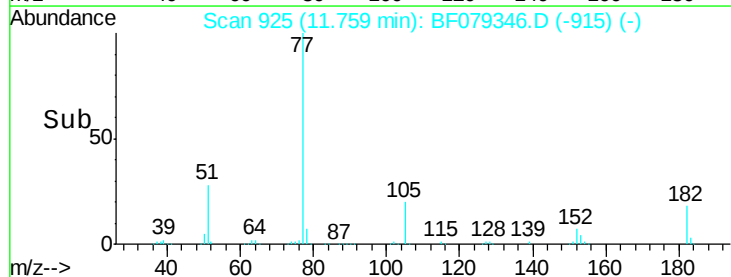
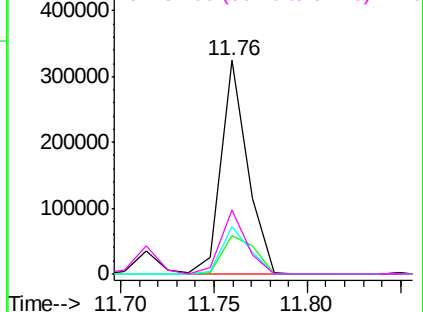


#62
Azobenzene
Concen: 52.25 ng
RT: 11.76 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

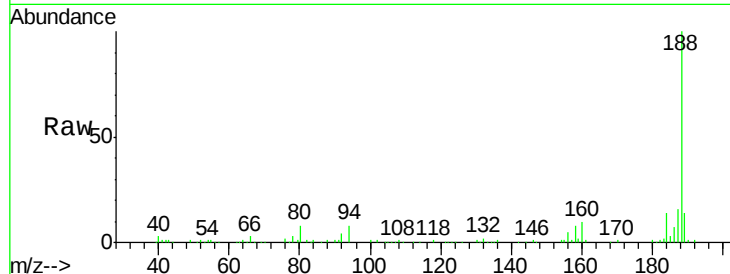




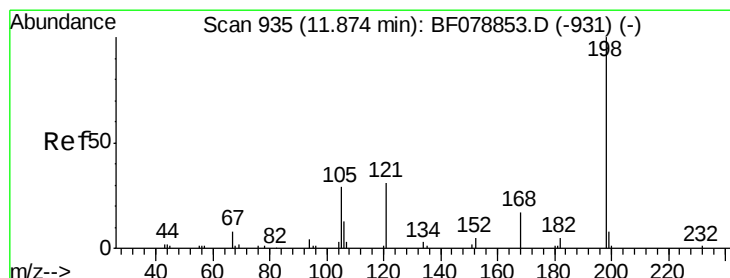
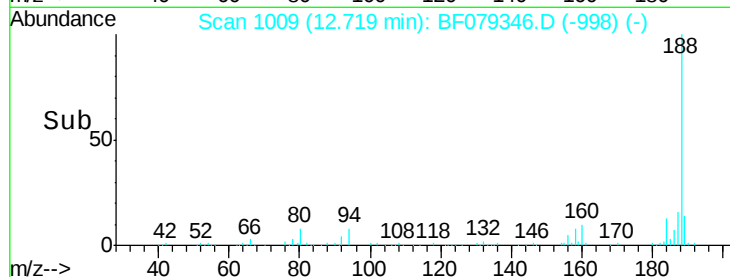
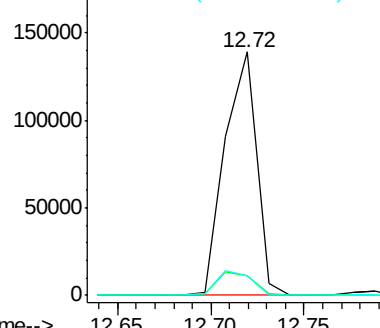
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.72 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

Tot Ion:188 Resp: 163875
Ion Ratio Lower Upper
188 100
94 7.9 9.4 14.0#
80 7.9 9.8 14.6#

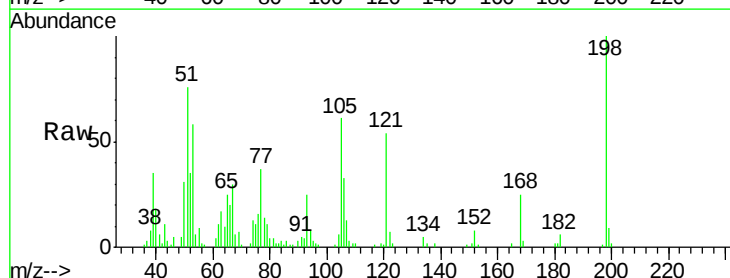


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

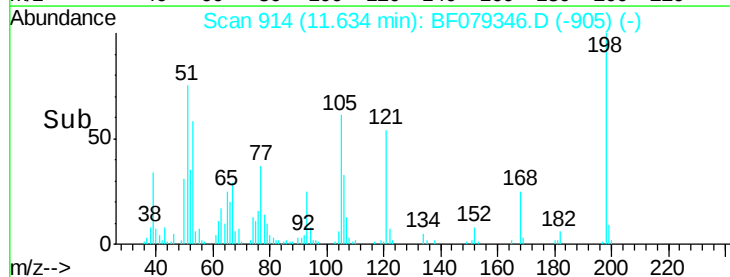
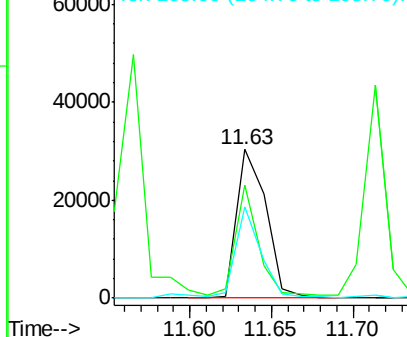


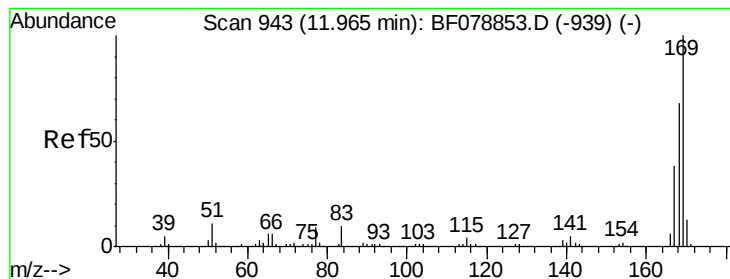
#64
4,6-Dinitro-2-methylphenol
Concen: 52.56 ng
RT: 11.63 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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#



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

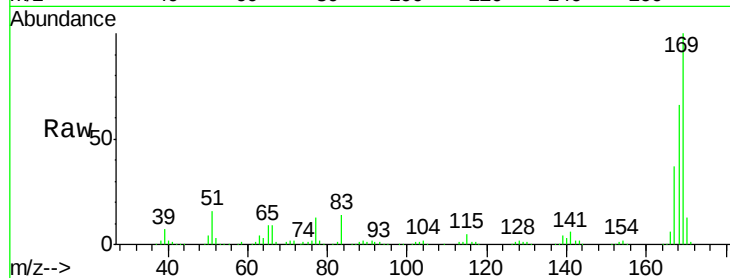




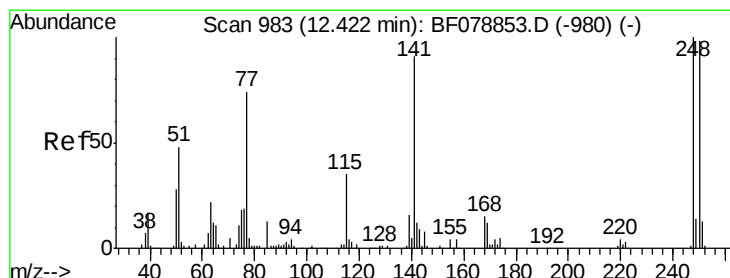
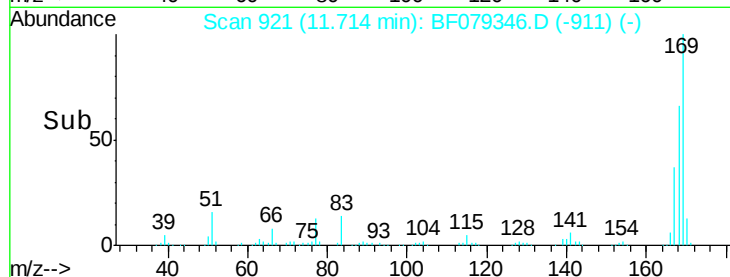
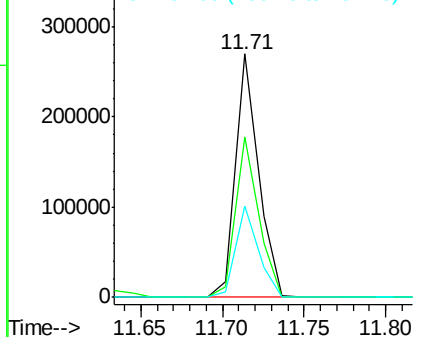
#65
 n-Nitrosodiphenylamine
 Concen: 47.60 ng
 RT: 11.71 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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

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

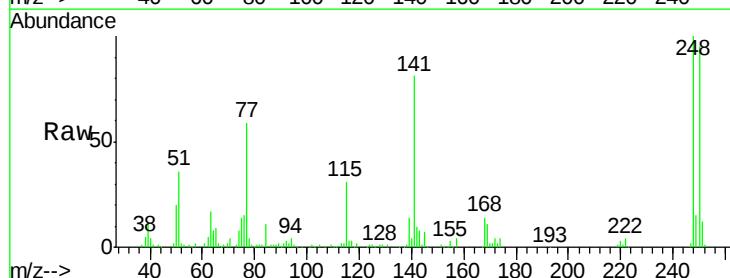


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

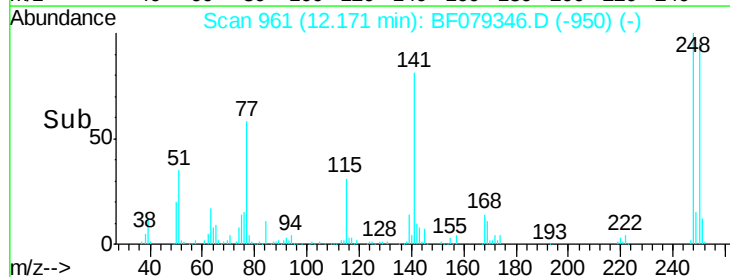
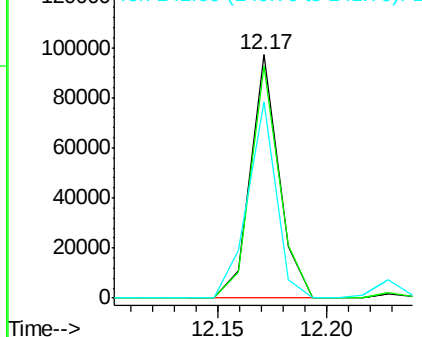


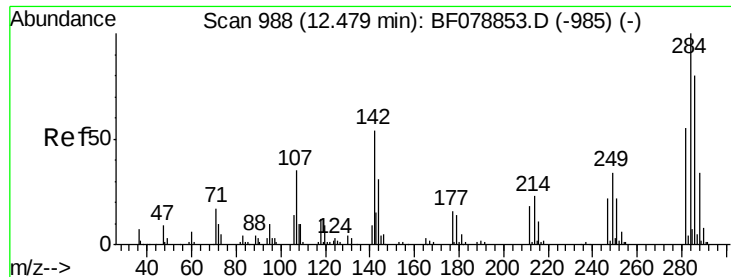
#66
 4-Bromophenyl-phenylether
 Concen: 51.69 ng
 RT: 12.17 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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



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

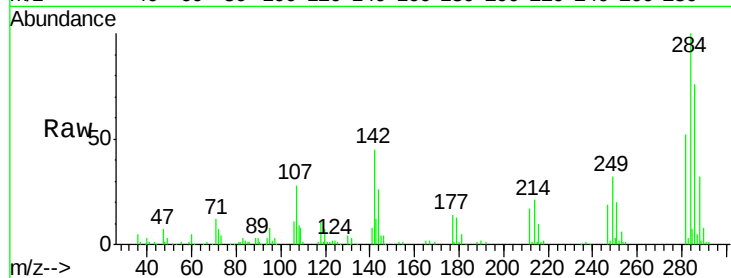




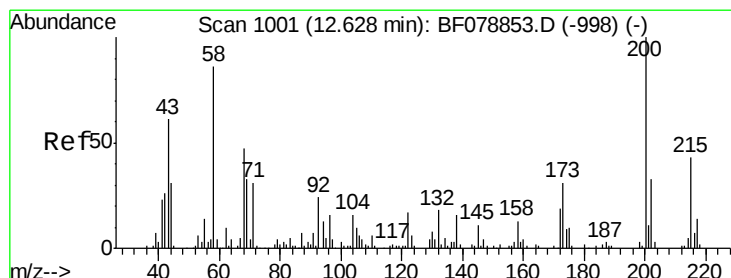
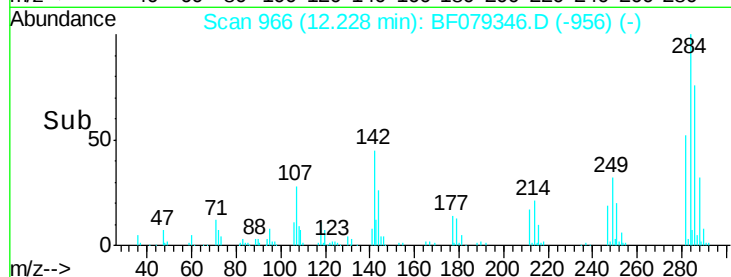
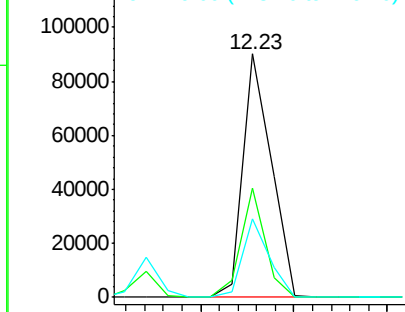
#67
Hexachlorobenzene
Concen: 49.34 ng
RT: 12.23 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

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

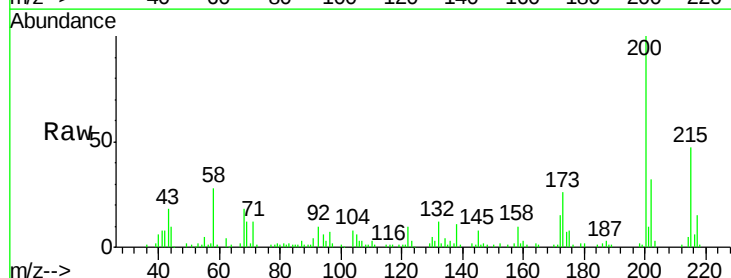


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

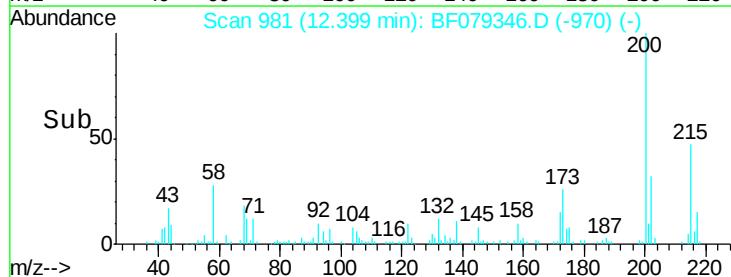
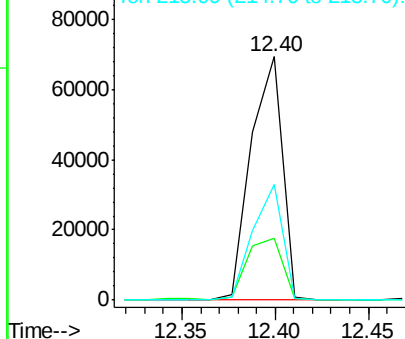


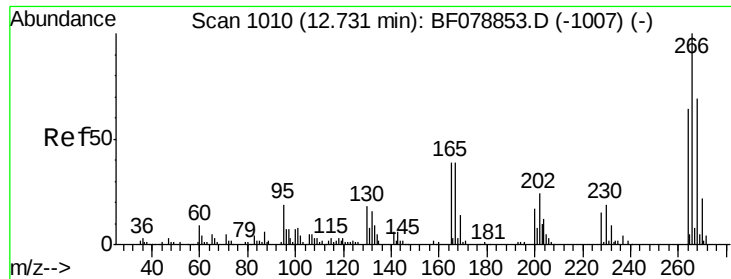
#68
Atrazine
Concen: 51.75 ng
RT: 12.40 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

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

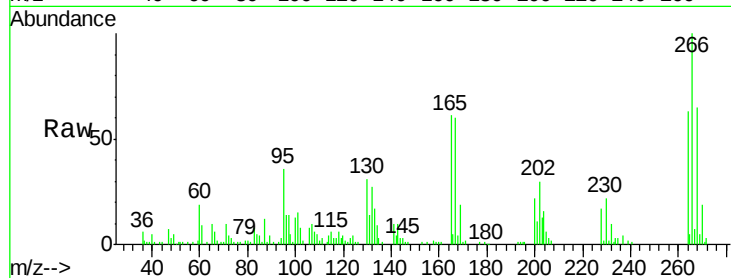




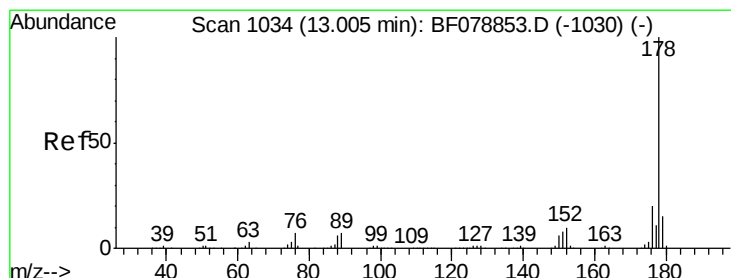
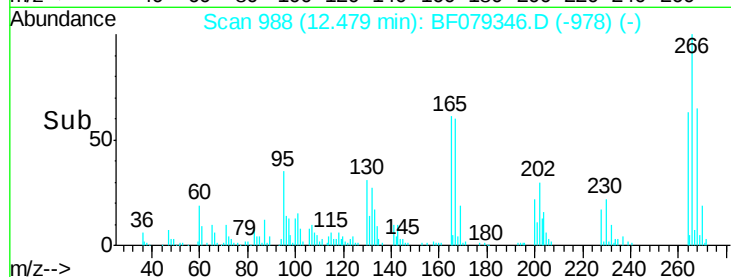
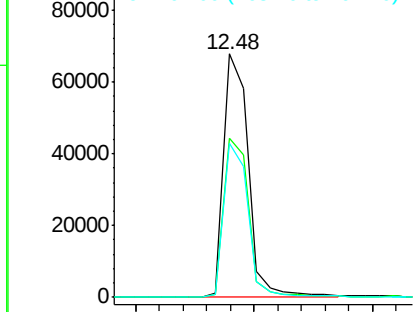
#69
 Pentachlorophenol
 Concen: 84.78 ng
 RT: 12.48 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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

Tot Ion:266 Resp: 97351
 Ion Ratio Lower Upper
 266 100
 268 65.2 55.0 82.6
 264 63.3 50.9 76.3

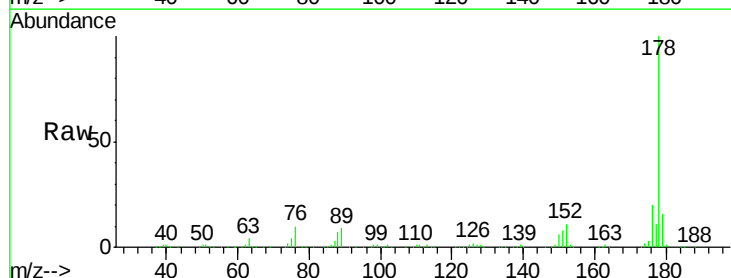


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

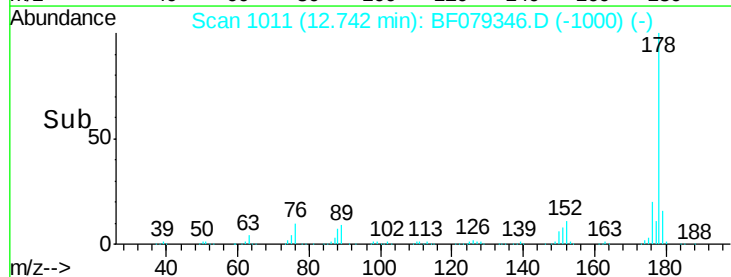
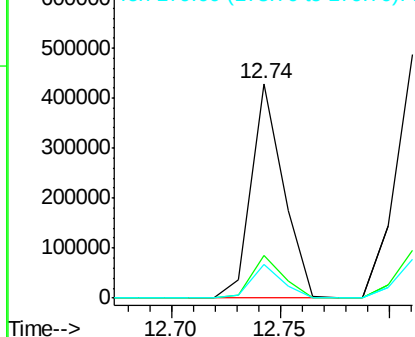


#70
 Phenanthrene
 Concen: 48.03 ng
 RT: 12.74 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

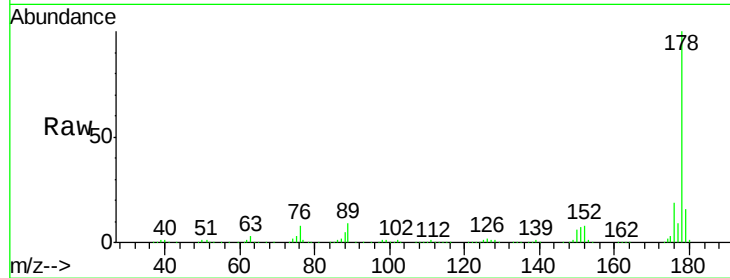




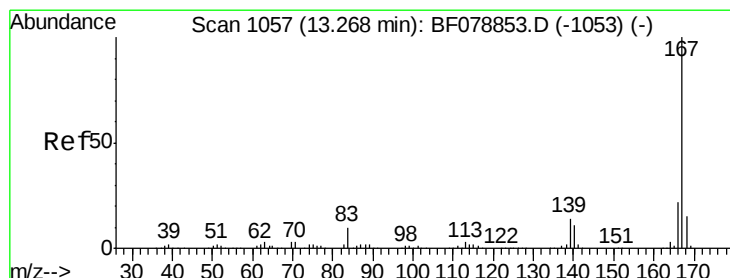
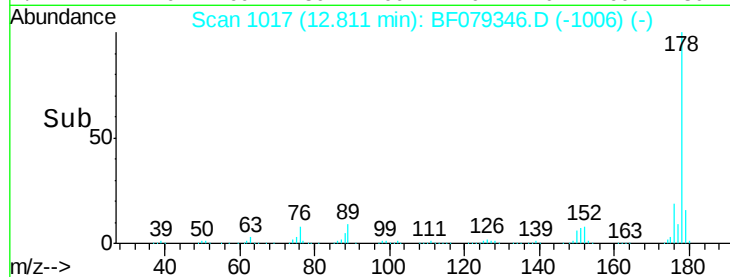
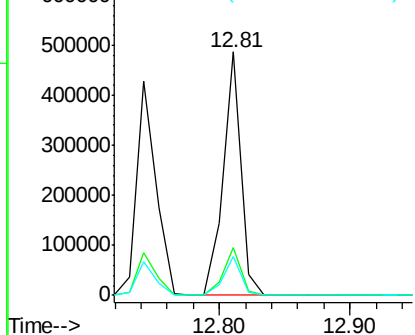
#71
 Anthracene
 Concen: 51.75 ng
 RT: 12.81 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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

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

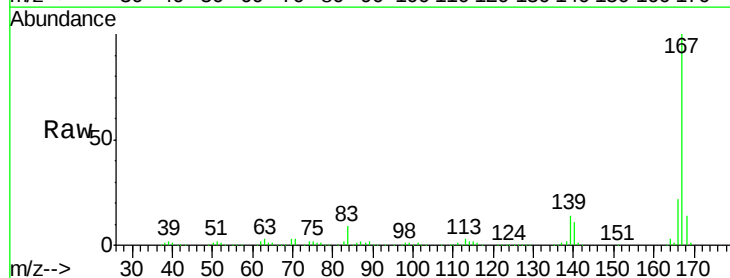


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

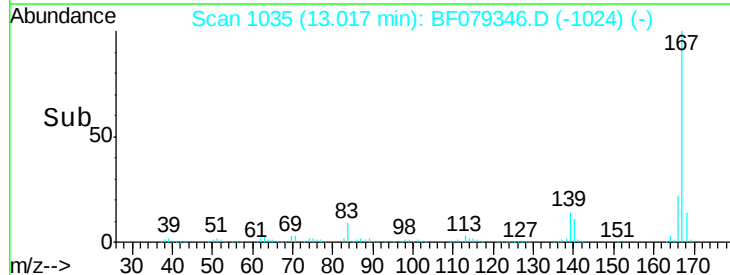
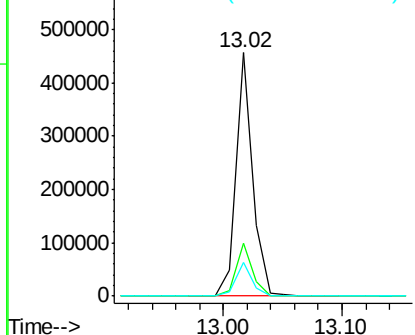


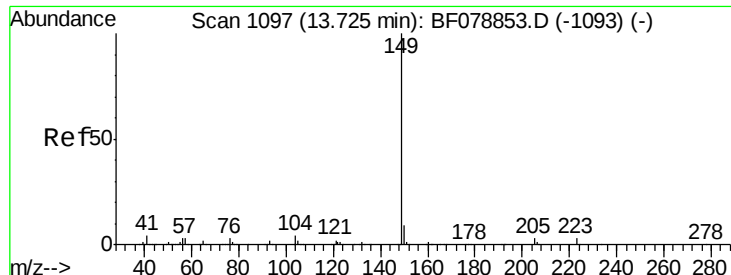
#72
 Carbazole
 Concen: 51.77 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

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



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

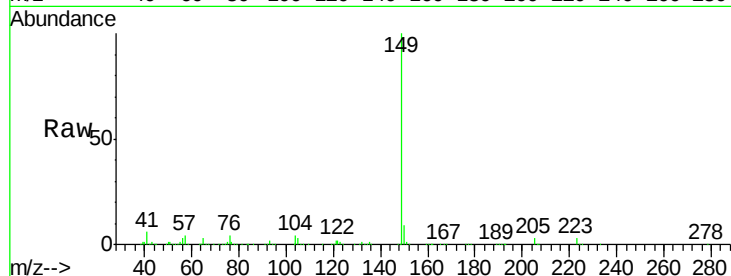
Tot Ion:149 Resp: 563786

Ion Ratio Lower Upper

149 100

150 9.3 7.0 10.4

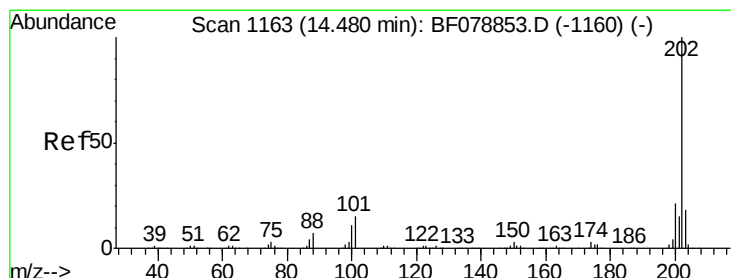
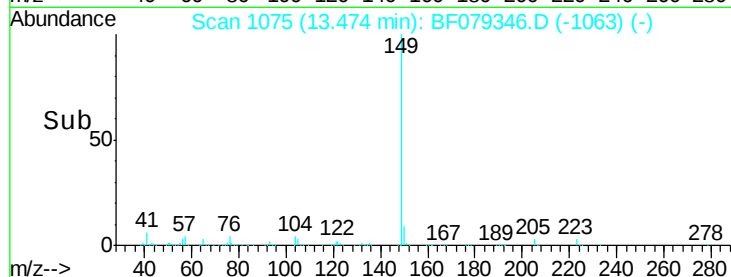
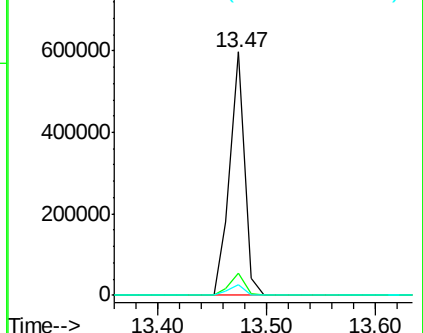
104 4.5 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 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

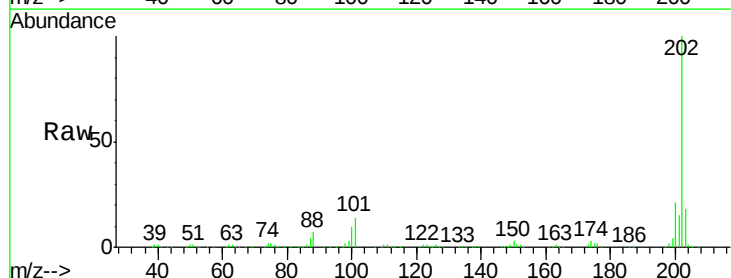
Tgt Ion:202 Resp: 495579

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.7

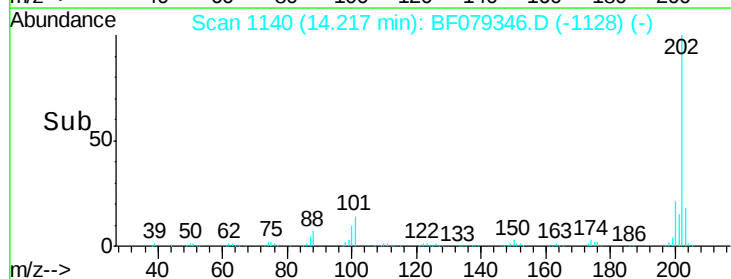
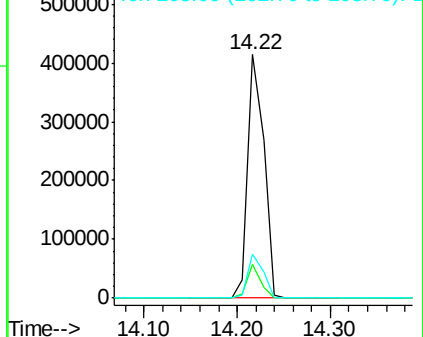
203 18.1 0.0 37.9

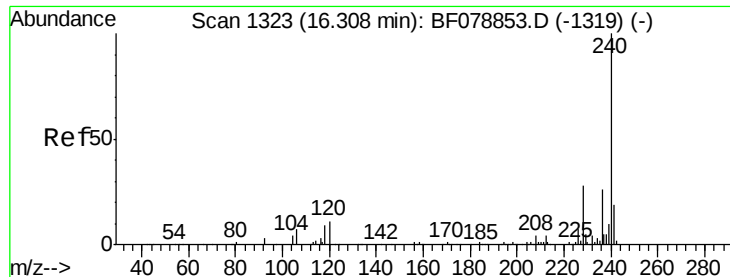


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.01 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF079346.D

Acq: 19 May 2015 17:15

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

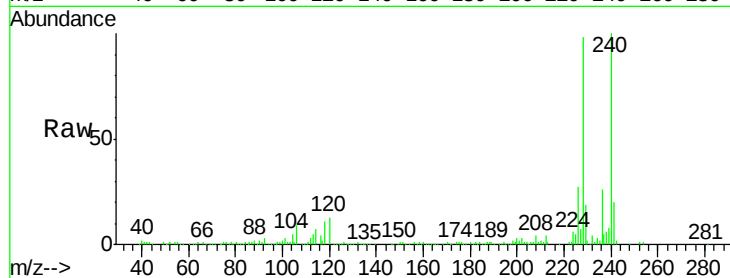
Tot Ion:240 Resp: 173646

Ion Ratio Lower Upper

240 100

120 13.0 8.6 12.8#

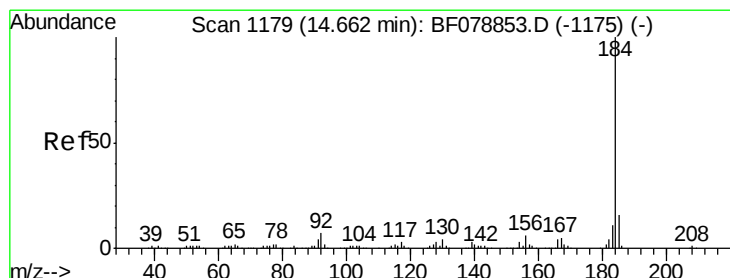
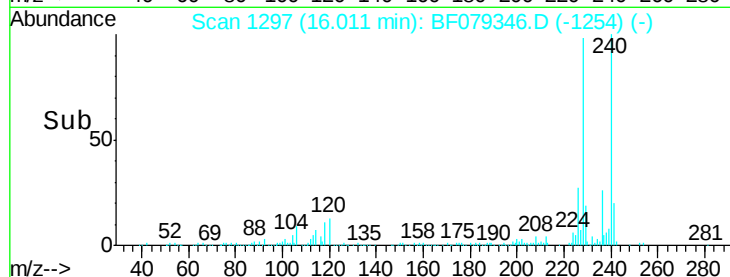
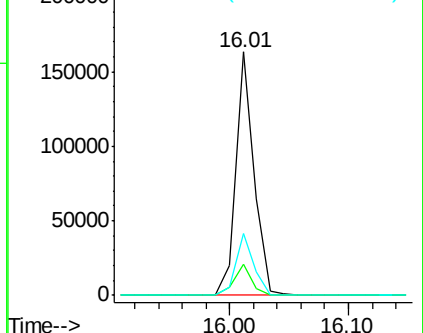
236 25.6 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 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

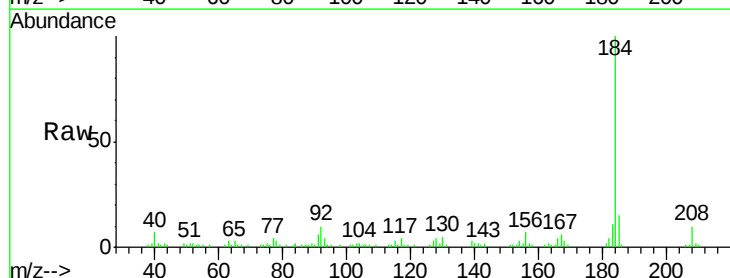
Tgt Ion:184 Resp: 70271

Ion Ratio Lower Upper

184 100

185 14.8 12.8 19.2

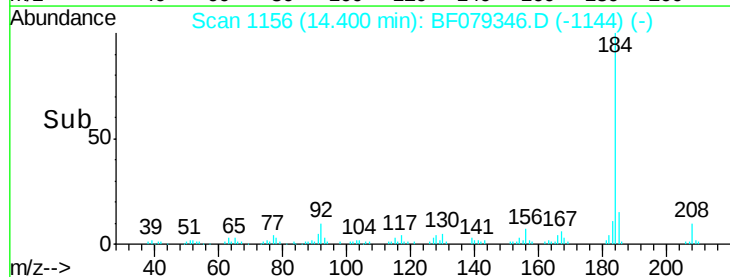
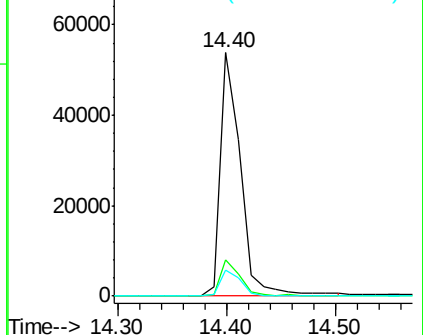
183 10.9 9.0 13.4



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

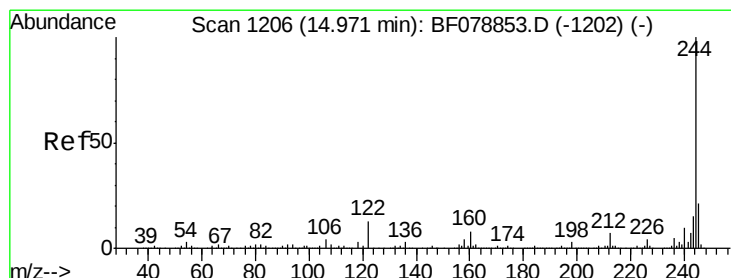
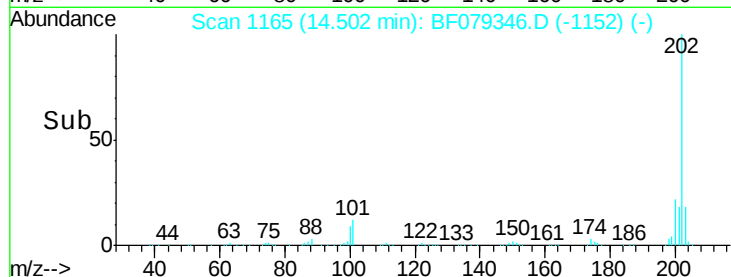
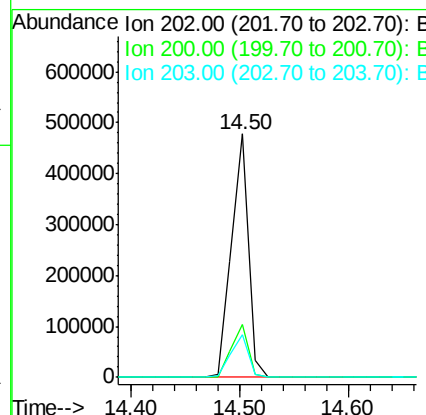
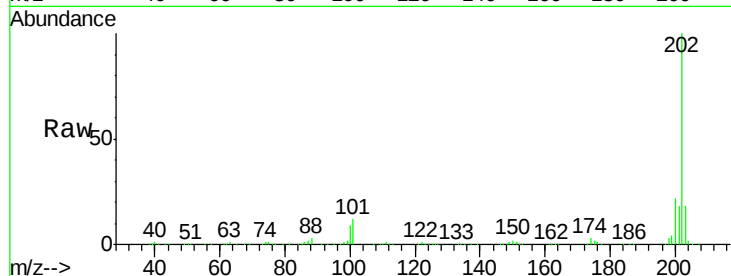




#77
Pvrene
Concen: 51.40 ng
RT: 14.50 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

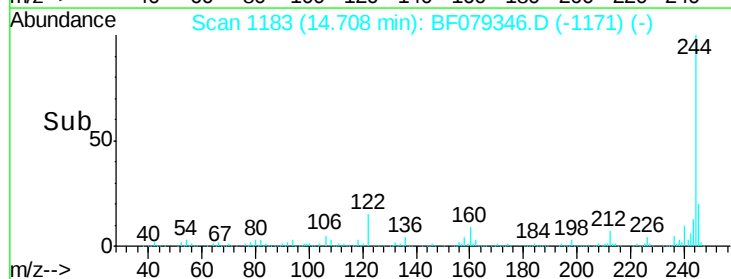
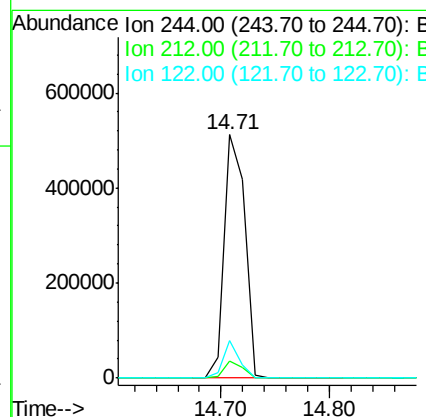
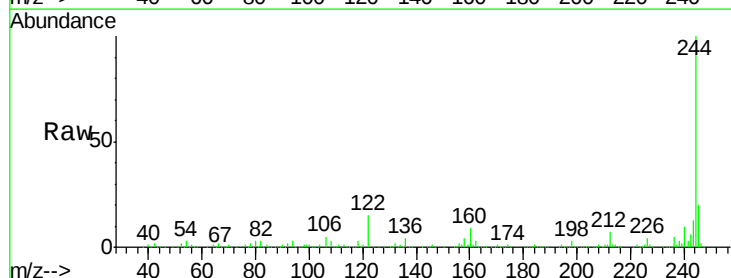
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

Tot Ion:202 Resp: 514319
Ion Ratio Lower Upper
202 100
200 21.9 17.5 26.3
203 17.6 14.7 22.1



#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

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

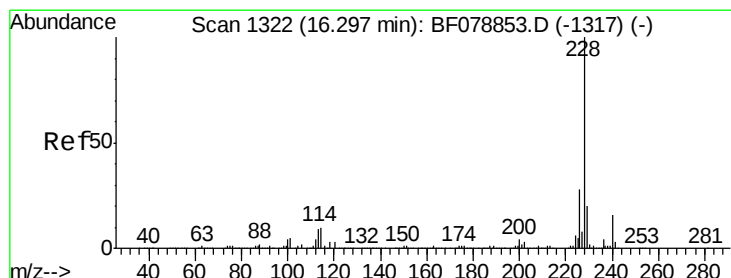
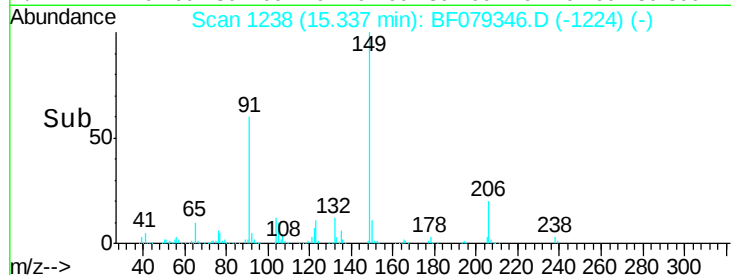
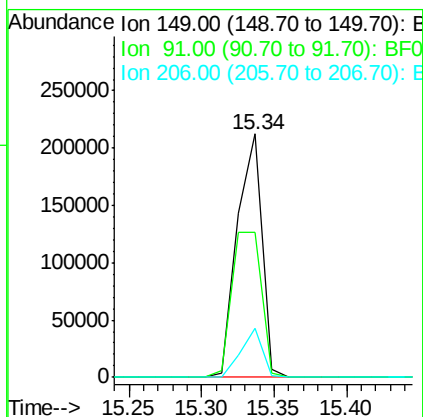
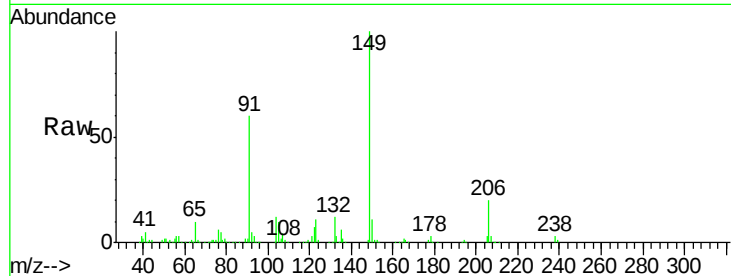




#79
Butylbenzylphthalate
Concen: 57.70 ng
RT: 15.34 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

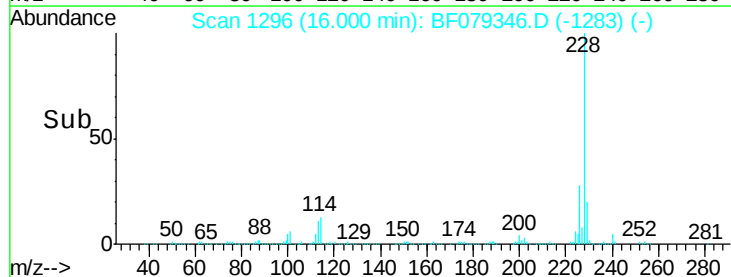
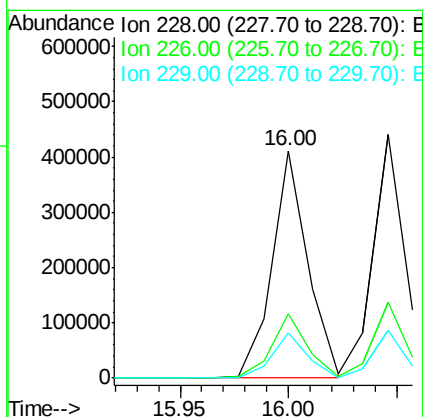
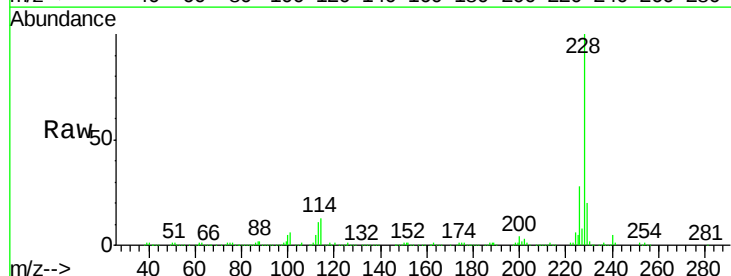
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

Tot 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

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

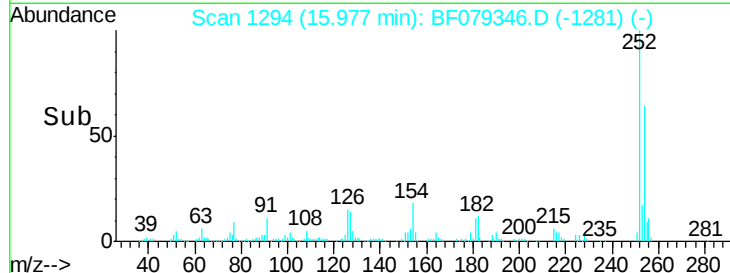
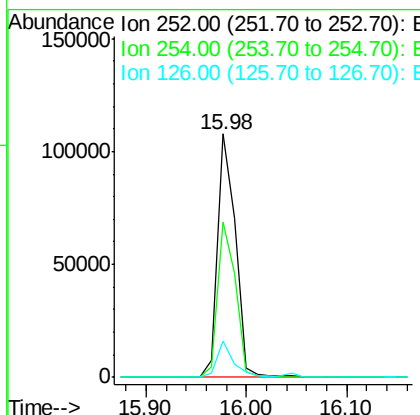
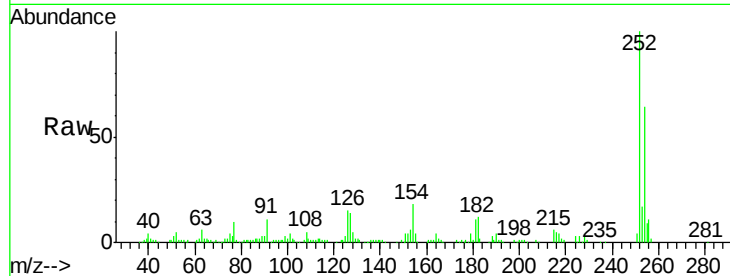




#81
 3,3'-Dichlorobenzidine
 Concen: 39.57 ng
 RT: 15.98 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

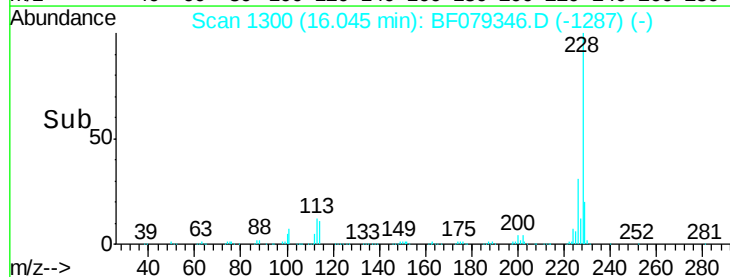
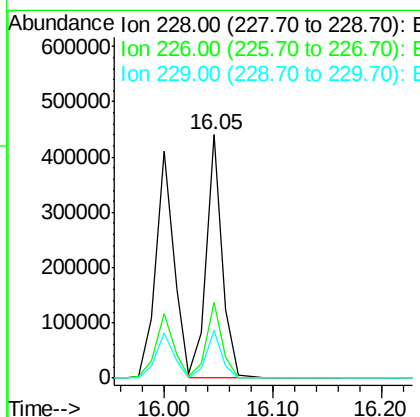
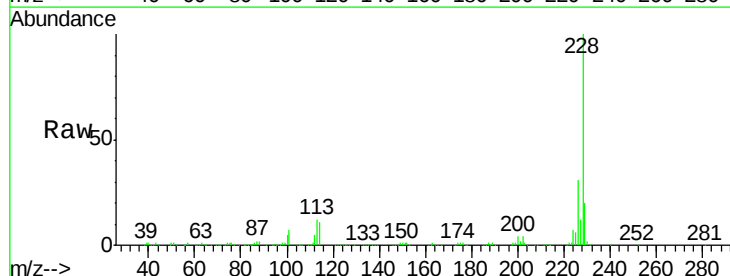
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.2	78.2
126	15.0	6.6	9.8#



#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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	19.7	16.1	24.1

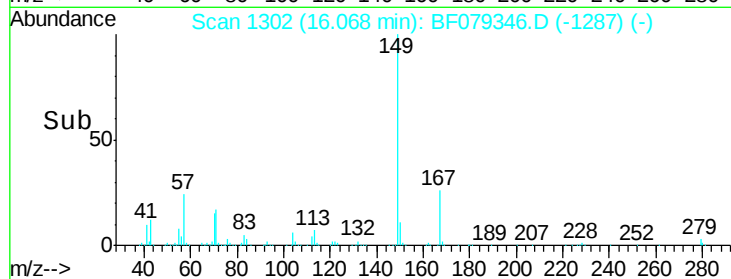
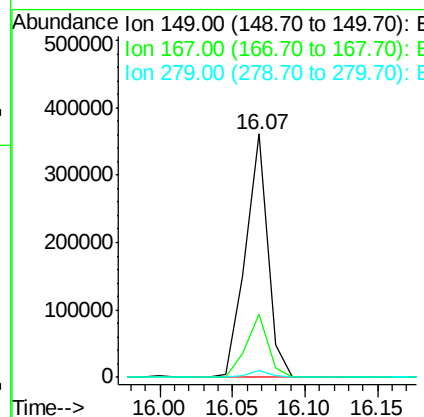
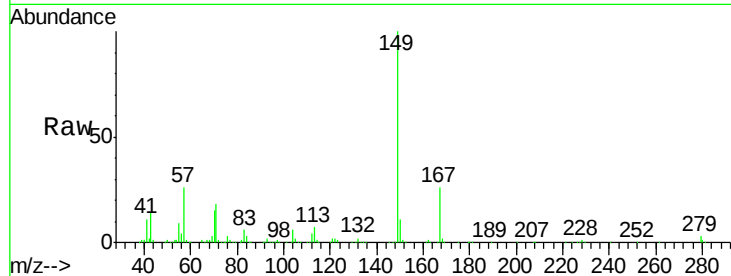




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.60 ng
 RT: 16.07 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

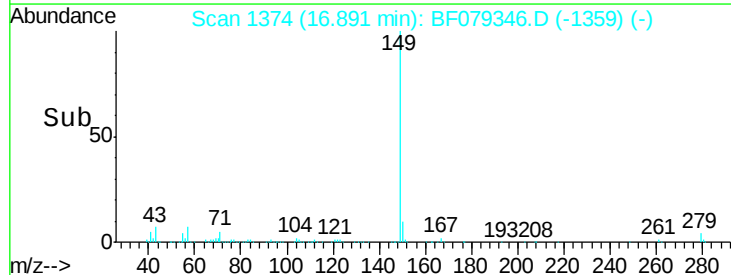
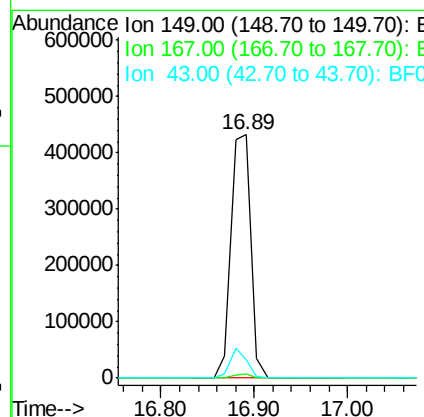
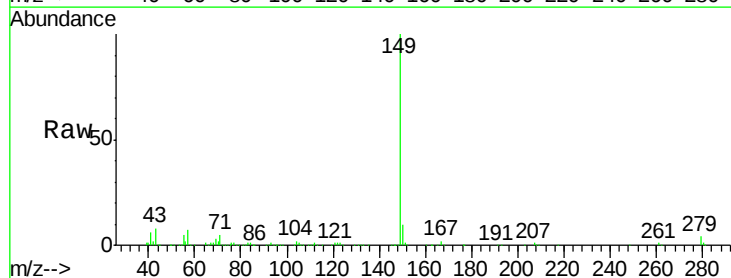
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

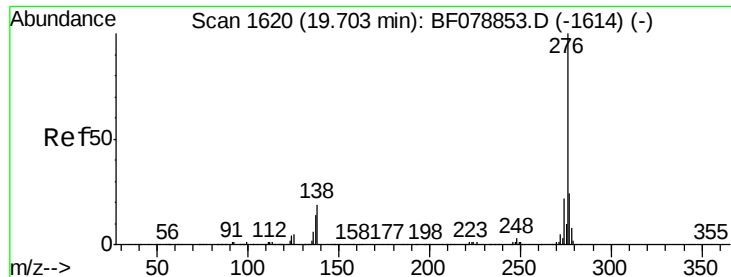
Tot Ion	149	Resp	388237
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.2	31.8
279	3.1	2.6	4.0



#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

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

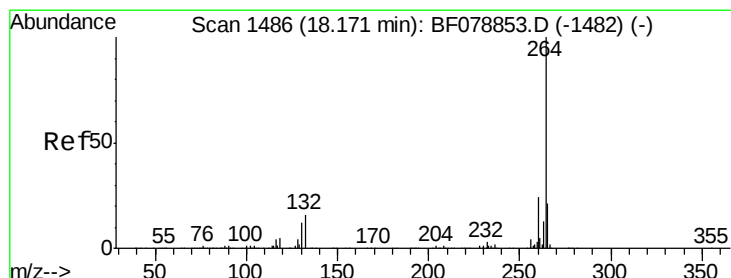
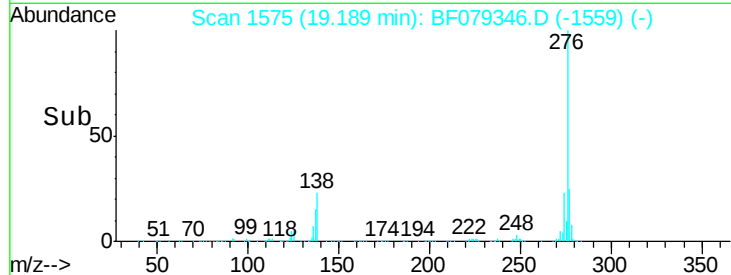
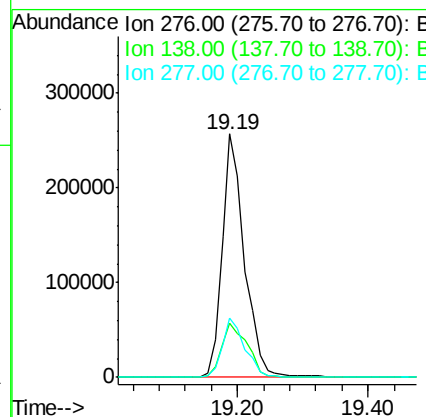
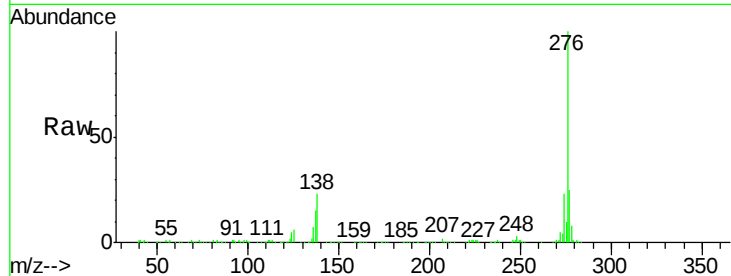




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.62 ng
 RT: 19.19 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF079346.D
 Acq: 19 May 2015 17:15

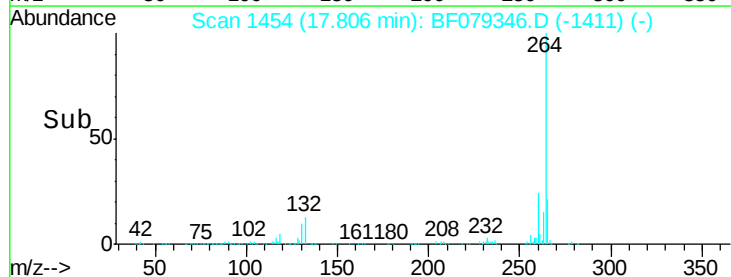
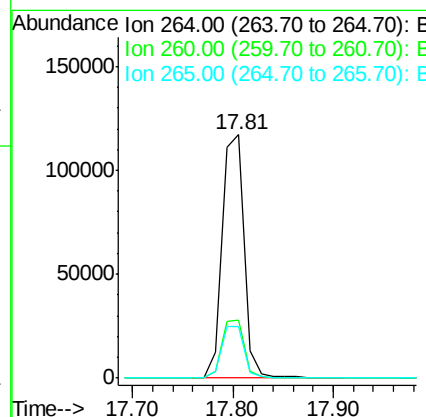
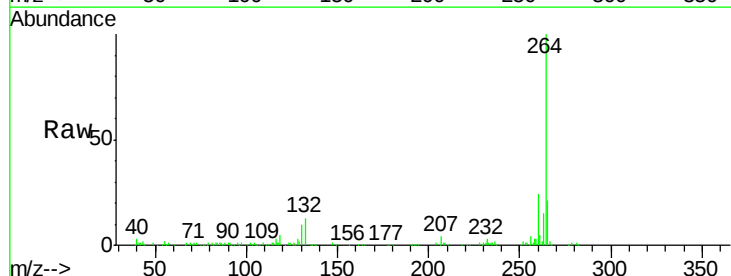
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15MSD

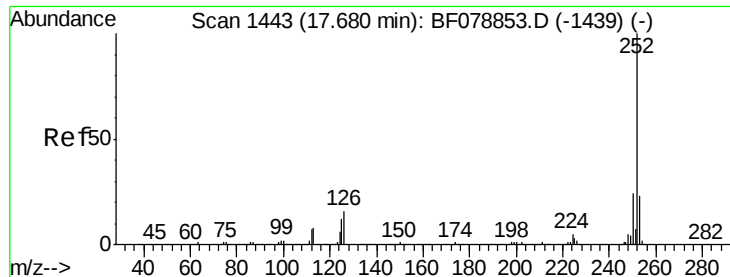
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.1	31.7
277	25.2	19.9	29.9



#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

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

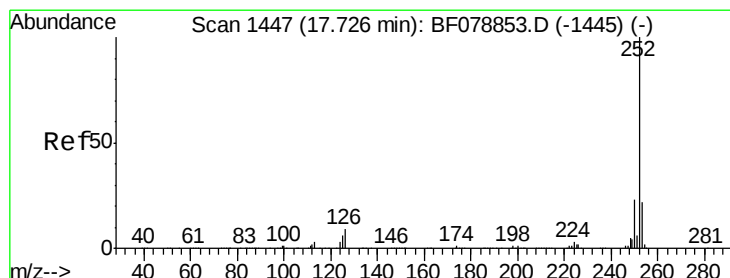
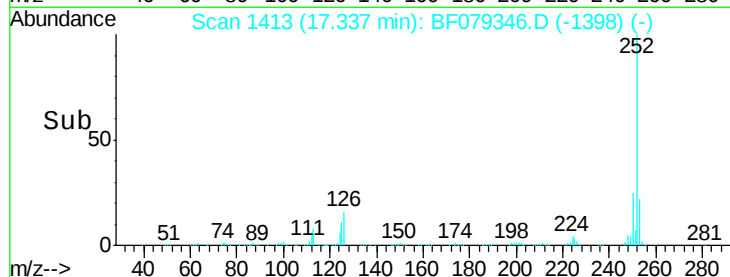
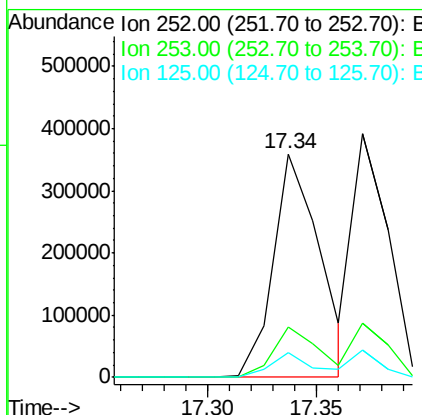
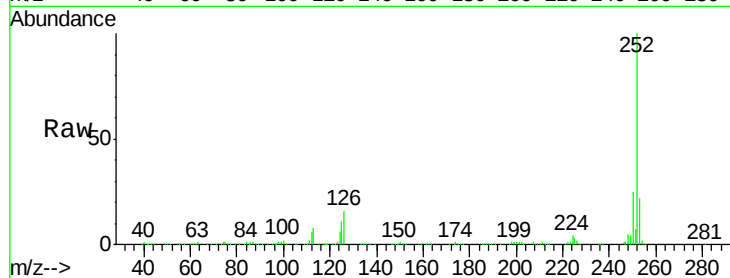




#87
Benzo(b)fluoranthene
Concen: 55.25 ng
RT: 17.34 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF079346.D
Acq: 19 May 2015 17:15

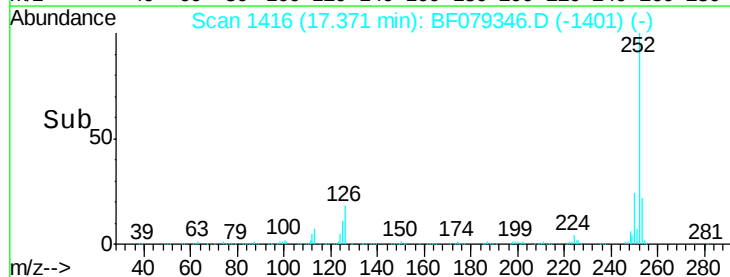
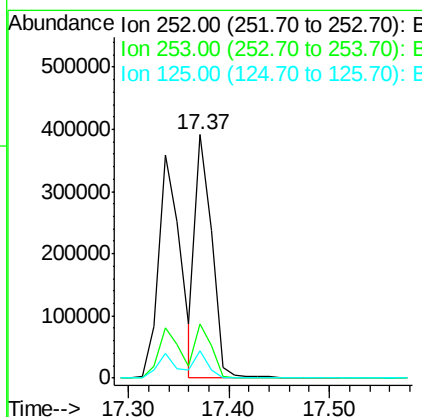
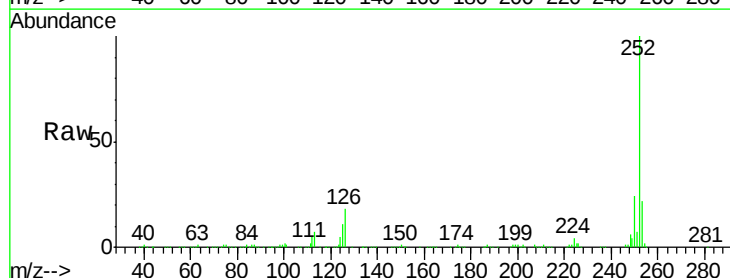
Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15MSD

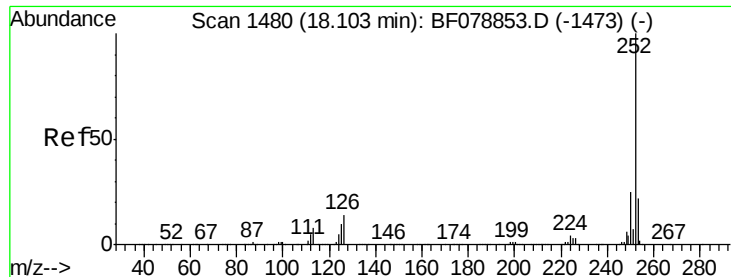
Tot Ion:252 Resp: 538138
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.2 9.4 14.2



#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

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

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15MSD

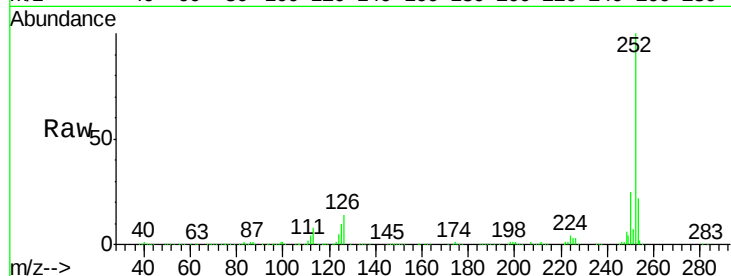
Tot Ion:252 Resp: 488067

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

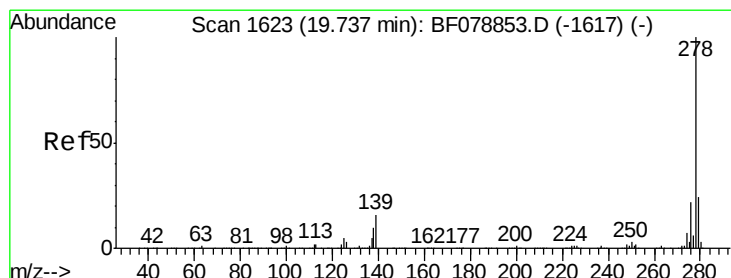
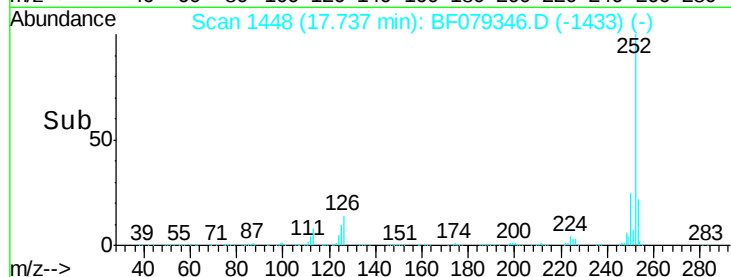
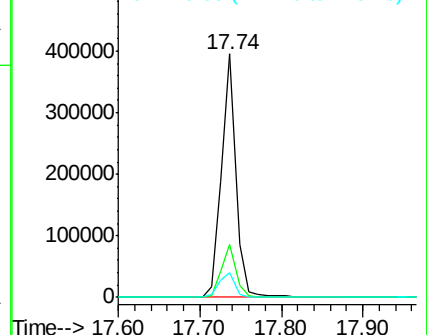
125 10.1 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 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

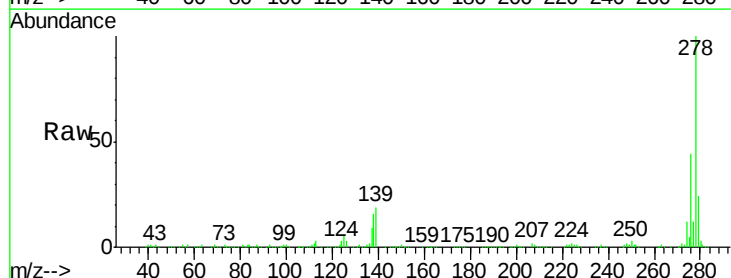
Tgt Ion:278 Resp: 507933

Ion Ratio Lower Upper

278 100

139 19.1 13.1 19.7

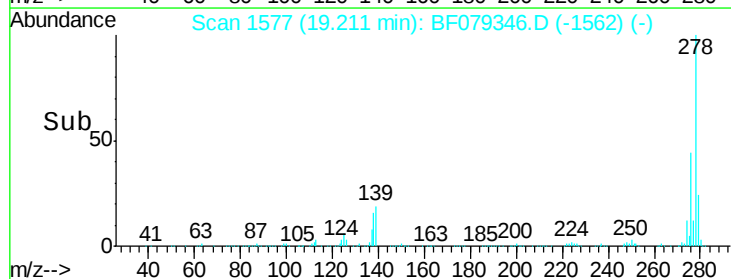
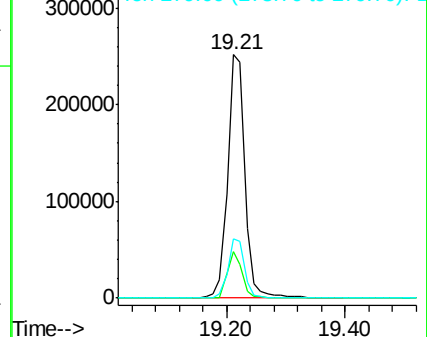
279 24.5 19.1 28.7



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(a,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

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	22.2	15.2	22.8

