

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
 Data File : BF079914.D
 Acq On : 12 Jun 2015 1:56
 Operator : TP/IZ
 Sample : G2449-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Quant Time: Jun 12 09:06:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 08:55:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	57409	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	234146	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	130857	20.00	ng	0.00
63) Phenanthrene-d10	11.96	188	291170	20.00	ng	-0.01
75) Chrysene-d12	14.87	240	328751	20.00	ng	-0.13
86) Perylene-d12	16.73	264	332475	20.00	ng	-0.19

System Monitoring Compounds

5) 2-Fluorophenol	6.01	112	417522	133.36	ng	0.01
7) Phenol-d6	6.99	99	576882	135.24	ng	0.00
23) Nitrobenzene-d5	7.95	82	333608	94.01	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	171694	130.26	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	639287	68.41	ng	0.00
78) Terphenyl-d14	13.62	244	906567	63.58	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	40582	28.49	ng	94
3) Pyridine	4.12	79	129112	35.37	ng	97
4) n-Nitrosodimethylamine	4.03	42	73245	40.72	ng	# 96
6) Aniline	7.05	93	136654	22.14	ng	100
8) 2-Chlorophenol	7.18	128	169960	44.67	ng	96
9) Benzaldehyde	6.94	77	110679	45.14	ng	98
10) Phenol	7.00	94	213657	45.54	ng	92
11) bis(2-Chloroethyl)ether	7.11	93	156475	41.45	ng	95
12) 1,3-Dichlorobenzene	7.34	146	178288	40.16	ng	99
13) 1,4-Dichlorobenzene	7.42	146	181232	39.31	ng	99
14) 1,2-Dichlorobenzene	7.56	146	166514	40.66	ng	99
15) Benzyl Alcohol	7.52	79	153828	44.98	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.66	45	237502	42.48	ng	99
17) 2-Methylphenol	7.62	107	151461	45.56	ng	99
18) Hexachloroethane	7.92	117	58077	40.68	ng	97
19) n-Nitroso-di-n-propylamine	7.78	70	123137	40.40	ng	96
20) 3+4-Methylphenols	7.77	107	197453	46.47	ng	97
22) Acetophenone	7.79	105	252805	45.72	ng	# 97
24) Nitrobenzene	7.96	77	162654	43.09	ng	99
25) Isophorone	8.20	82	348140	42.16	ng	100
26) 2-Nitrophenol	8.30	139	61324	46.32	ng	97
27) 2,4-Dimethylphenol	8.31	122	178825	48.31	ng	99
28) bis(2-Chloroethoxy)methane	8.41	93	215121	43.87	ng	98
29) 2,4-Dichlorophenol	8.52	162	147100	47.45	ng	98
30) 1,2,4-Trichlorobenzene	8.63	180	162208	41.17	ng	99
31) Naphthalene	8.71	128	774534	60.52	ng	99
32) Benzoic acid	8.31	122	178825	110.24	ng	# 14
33) 4-Chloroaniline	8.74	127	88599	17.83	ng	98
34) Hexachlorobutadiene	8.82	225	88521	40.47	ng	94
35) Caprolactam	9.08	113	47348	48.29	ng	98
36) 4-Chloro-3-methylphenol	9.21	107	169157	47.77	ng	96
37) 2-Methylnaphthalene	9.40	142	435526	50.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	173740	39.64	ng	98
40) Hexachlorocyclopentadiene	9.56	237	128891	70.17	ng	99

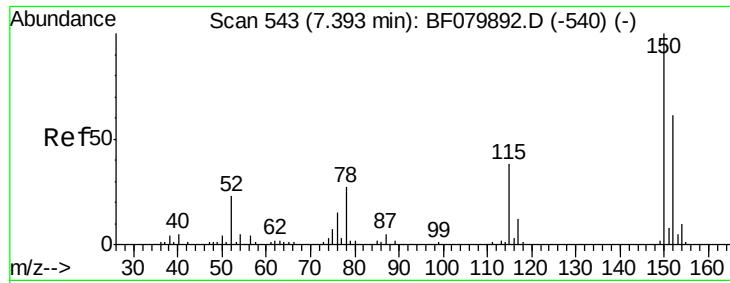
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	115073	42.61	ng	97
43) 2,4,5-Trichlorophenol	9.71	196	129061	43.30	ng	98
45) 1,1'-Biphenyl	9.86	154	443470	41.88	ng	99
46) 2-Chloronaphthalene	9.90	162	348724	38.68	ng	98
47) 2-Nitroaniline	9.98	65	79575	41.71	ng	97
48) Acenaphthylene	10.32	152	630798	41.44	ng	99
49) Dimethylphthalate	10.15	163	451577	43.07	ng	100
50) 2,6-Dinitrotoluene	10.22	165	82264	43.26	ng	97
51) Acenaphthene	10.49	154	368277	42.57	ng	98
52) 3-Nitroaniline	10.39	138	57260	25.99	ng	95
53) 2,4-Dinitrophenol	10.49	184	21970	65.09	ng	# 1
54) Dibenzofuran	10.66	168	610525	48.30	ng	100
55) 4-Nitrophenol	10.54	139	166850	99.08	ng	# 62
56) 2,4-Dinitrotoluene	10.63	165	120190	47.40	ng	95
57) Fluorene	11.02	166	553846	50.27	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.78	232	104392	46.21	ng	99
59) Diethylphthalate	10.86	149	415723	39.66	ng	100
60) 4-Chlorophenyl-phenylether	10.99	204	199146	40.48	ng	98
61) 4-Nitroaniline	11.00	138	92876	38.67	ng	99
62) Azobenzene	11.15	77	400928	39.75	ng	98
64) 4,6-Dinitro-2-methylphenol	11.04	198	30779	47.01	ng	89
65) n-Nitrosodiphenylamine	11.11	169	374584	39.85	ng	99
66) 4-Bromophenyl-phenylether	11.50	248	134645	41.27	ng	94
67) Hexachlorobenzene	11.58	284	147302	41.38	ng	95
68) Atrazine	11.63	200	122332	42.29	ng	98
69) Pentachlorophenol	11.76	266	140209	83.62	ng	97
70) Phenanthrene	11.99	178	1369273	78.91	ng	98
71) Anthracene	12.04	178	835662	49.76	ng	99
72) Carbazole	12.19	167	746438	45.83	ng	99
73) Di-n-butylphthalate	12.51	149	759281	42.79	ng	99
74) Fluoranthene	13.23	202	1369033	71.36	ng	98
76) Benzidine	13.35	184	353057	38.78	ng	99
77) Pyrene	13.49	202	1284676	62.22	ng	98
79) Butylbenzylphthalate	14.15	149	334970	48.04	ng	# 86
80) Benzo(a)anthracene	14.86	228	1058515	50.71	ng	98
81) 3,3'-Dichlorobenzidine	14.79	252	190293	28.51	ng	# 98
82) Chrysene	14.90	228	921801	50.07	ng	99
83) Bis(2-ethylhexyl)phthalate	14.81	149	518380	46.45	ng	# 96
84) Di-n-octyl phthalate	15.60	149	885895	48.68	ng	98
85) Indeno(1,2,3-cd)pyrene	18.64	276	973621	44.53	ng	99
87) Benzo(b)fluoranthene	16.23	252	837430	41.11	ng	99
88) Benzo(k)fluoranthene	16.23	252	849985	40.91	ng	# 98
90) Dibenzo(a,h)anthracene	18.66	278	734078	38.55	ng	97
91) Benzo(g,h,i)perylene	19.22	276	836683	42.46	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.39 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

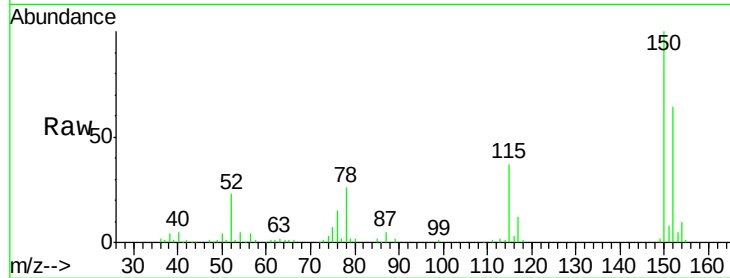
Tgt Ion:152 Resp: 57409

Ion Ratio Lower Upper

152 100

150 157.0 131.0 196.4

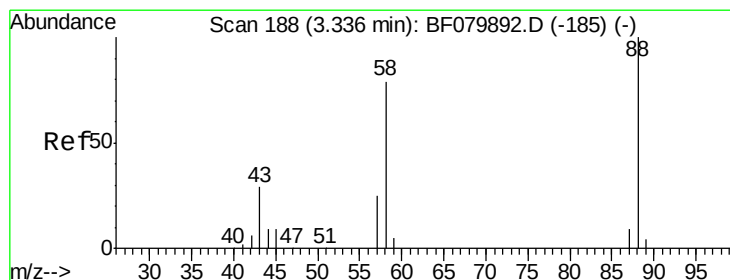
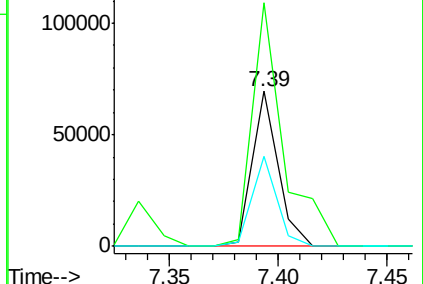
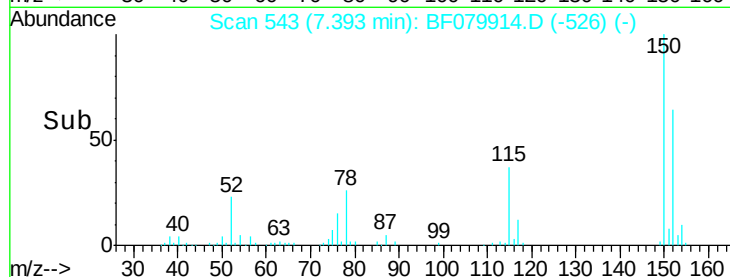
115 57.8 49.8 74.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.49 ng

RT: 3.34 min Scan# 188

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

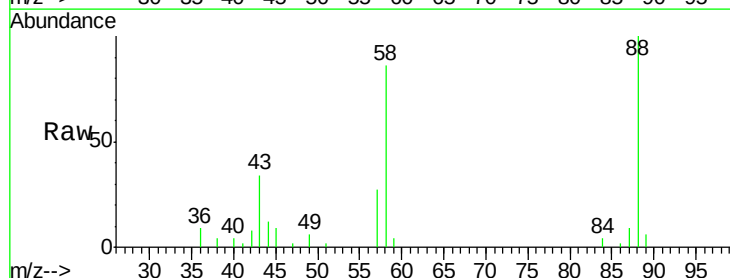
Tgt Ion: 88 Resp: 40582

Ion Ratio Lower Upper

88 100

58 84.3 63.0 94.4

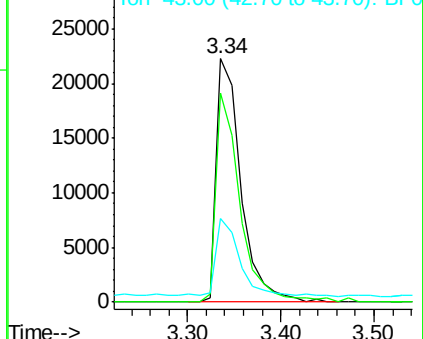
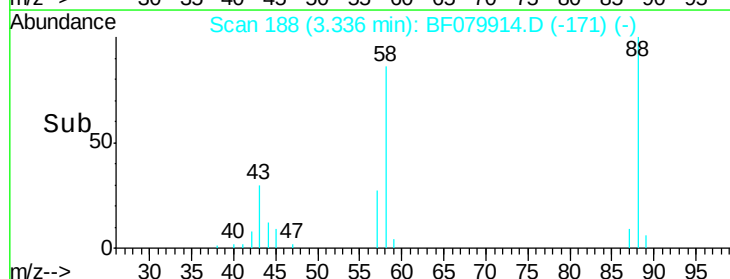
43 31.4 23.2 34.8

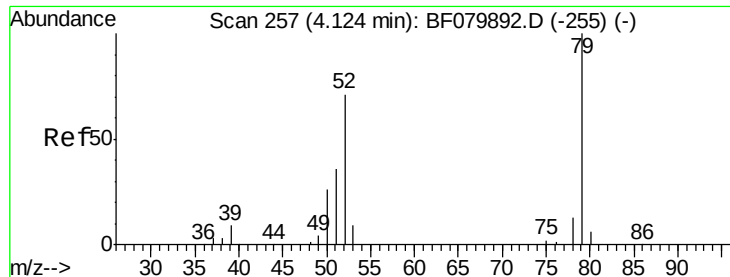


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.37 ng

RT: 4.12 min Scan# 257

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

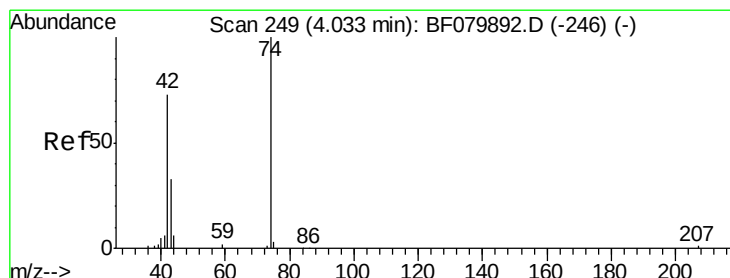
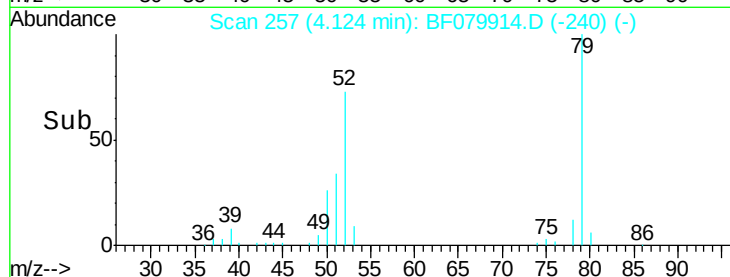
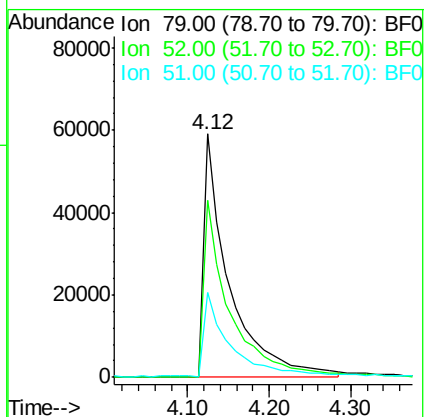
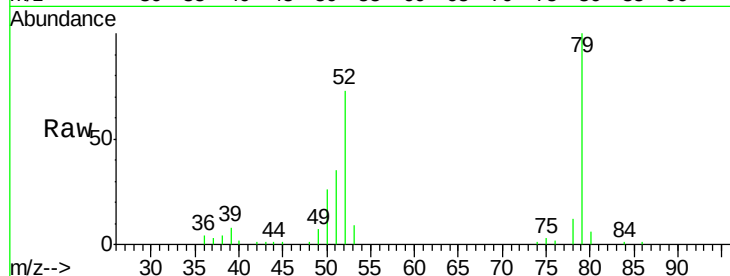
Tgt Ion: 79 Resp: 129112

Ion Ratio Lower Upper

79 100

52 72.7 56.7 85.1

51 35.1 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 40.72 ng

RT: 4.03 min Scan# 249

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

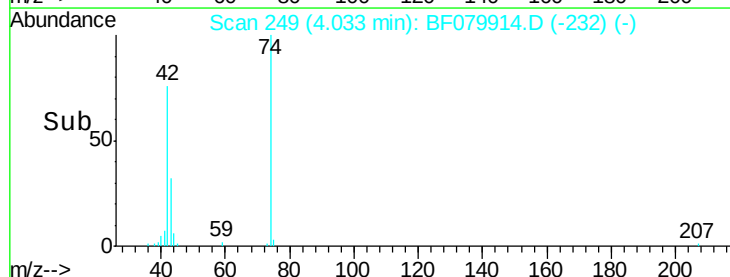
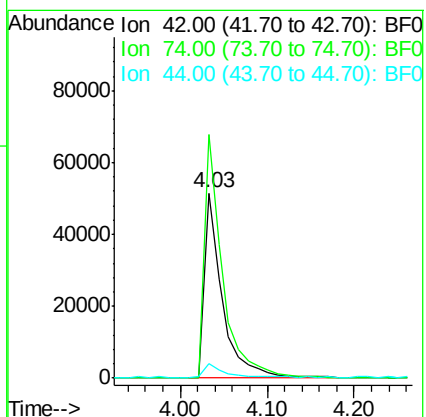
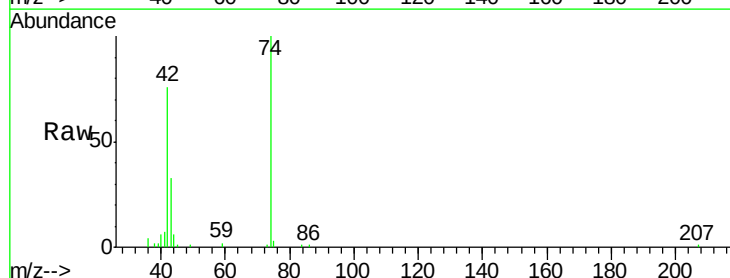
Tgt Ion: 42 Resp: 73245

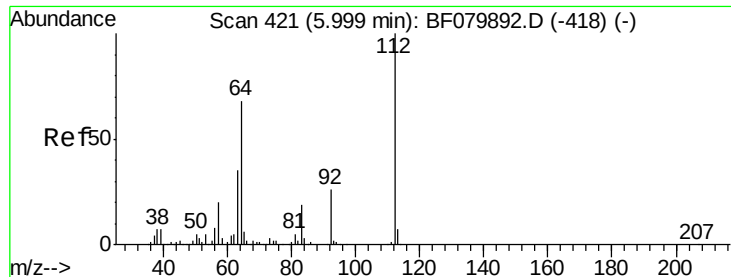
Ion Ratio Lower Upper

42 100

74 131.6 109.0 163.6

44 7.6 7.7 11.5#





#5

2-Fluorophenol

Concen: 133.36 ng

RT: 6.01 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

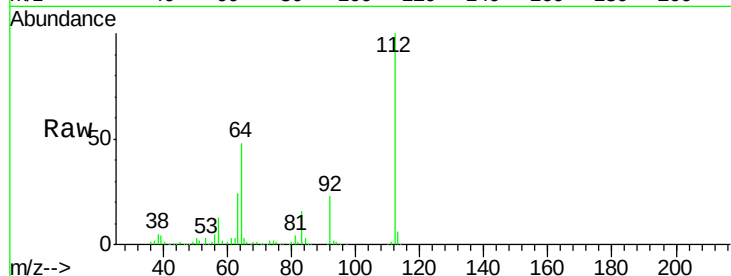
Tgt Ion: 112 Resp: 417522

Ion Ratio Lower Upper

112 100

64 48.0 54.5 81.7#

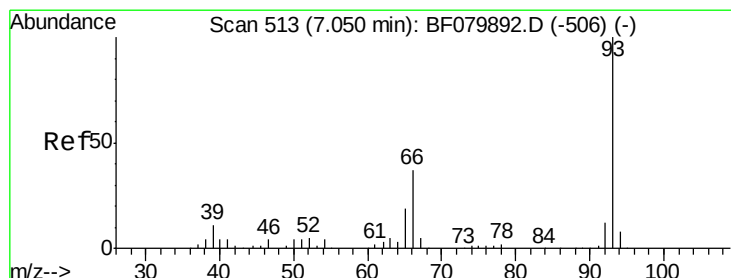
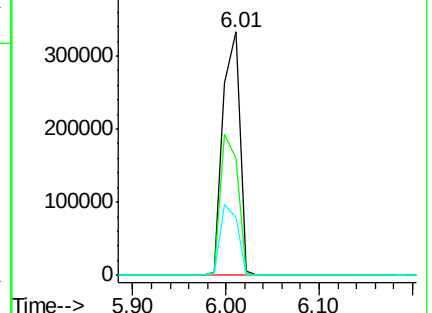
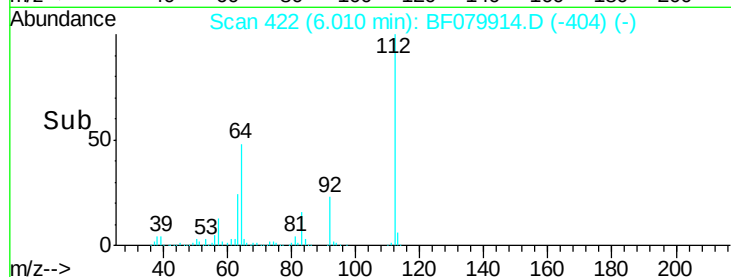
63 23.6 27.9 41.9#



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: 22.14 ng

RT: 7.05 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

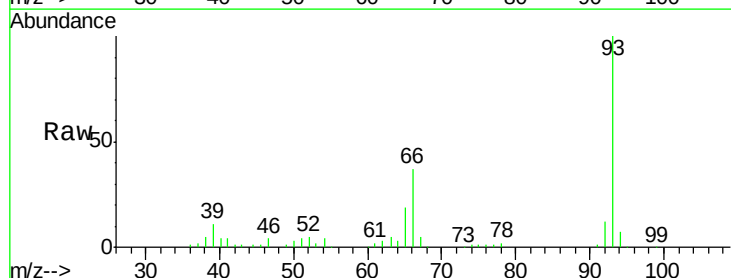
Tgt Ion: 93 Resp: 136654

Ion Ratio Lower Upper

93 100

66 36.8 29.4 44.0

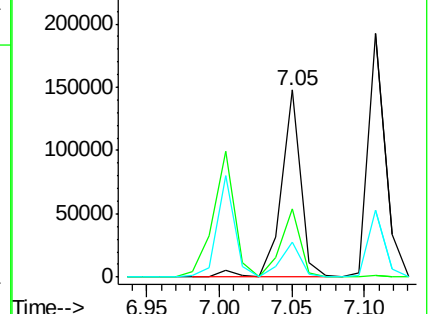
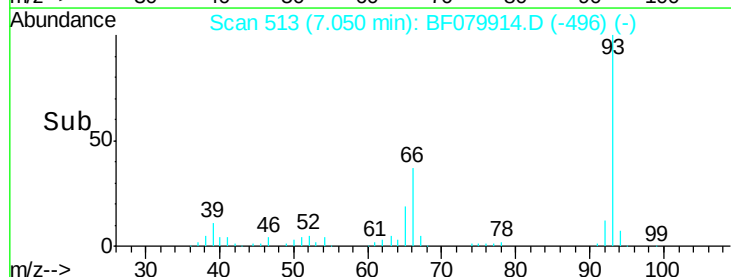
65 19.0 14.9 22.3

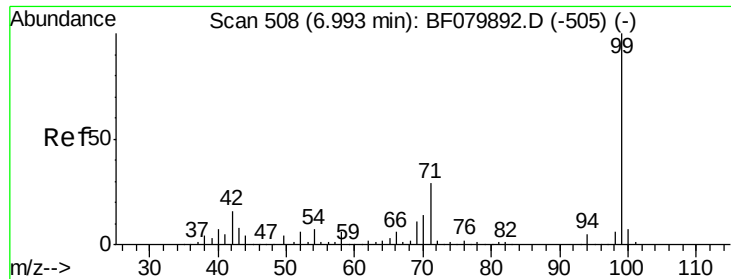


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.24 ng

RT: 6.99 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

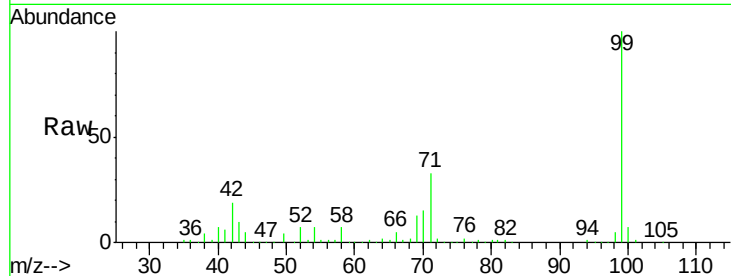
Tgt Ion: 99 Resp: 576882

Ion Ratio Lower Upper

99 100

42 19.0 12.9 19.3

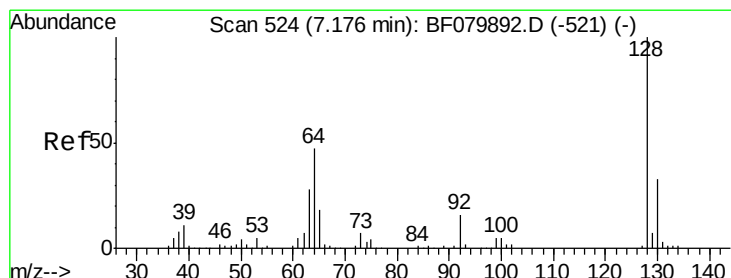
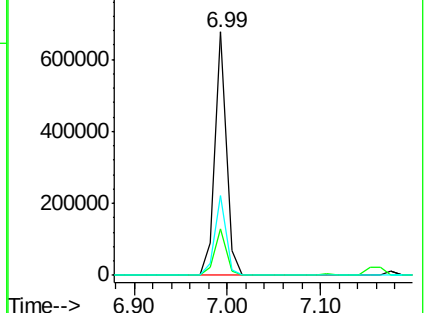
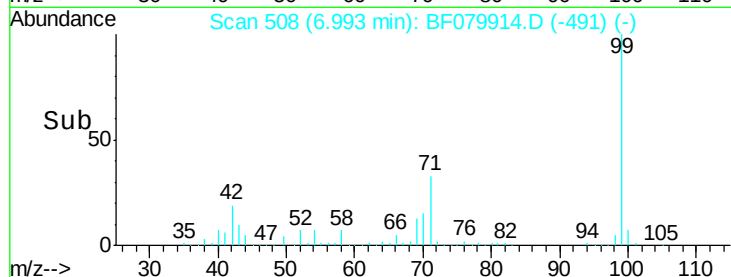
71 32.9 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.67 ng

RT: 7.18 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

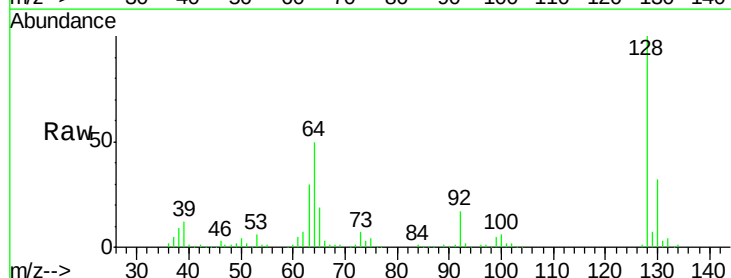
Tgt Ion: 128 Resp: 169960

Ion Ratio Lower Upper

128 100

130 32.2 13.1 53.1

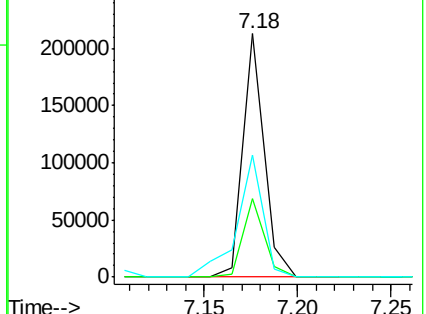
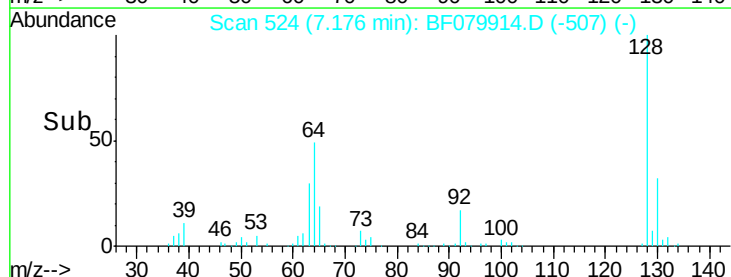
64 50.3 26.8 66.8

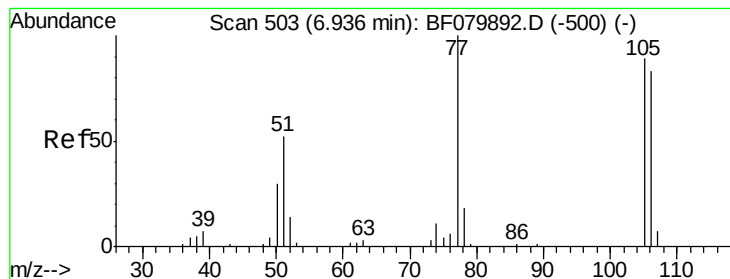


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 45.14 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

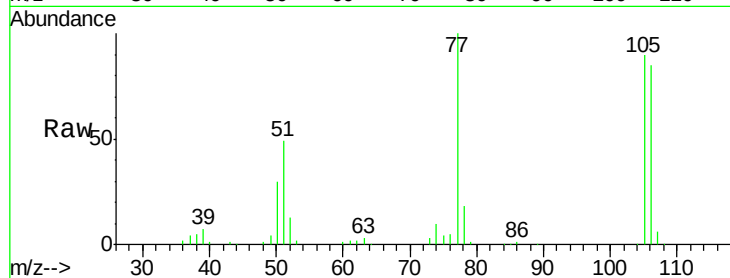
Tgt Ion: 77 Resp: 110679

Ion Ratio Lower Upper

77 100

105 89.9 68.6 108.6

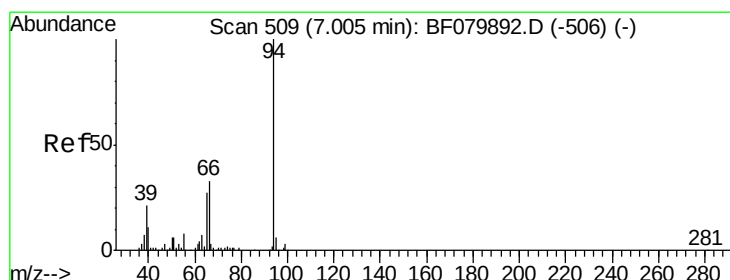
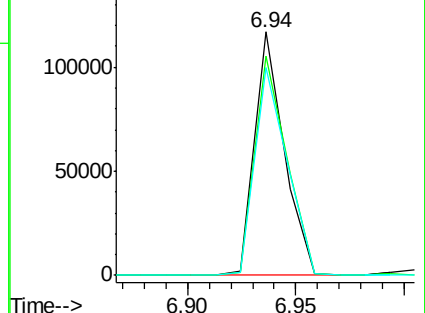
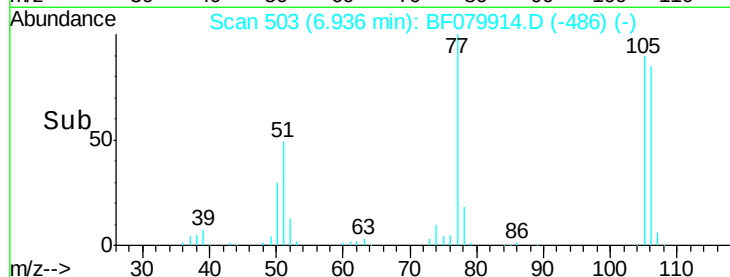
106 85.3 63.3 103.3



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: 45.54 ng

RT: 7.00 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

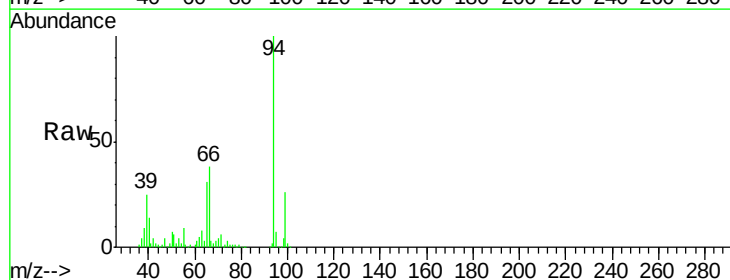
Tgt Ion: 94 Resp: 213657

Ion Ratio Lower Upper

94 100

65 30.7 7.0 47.0

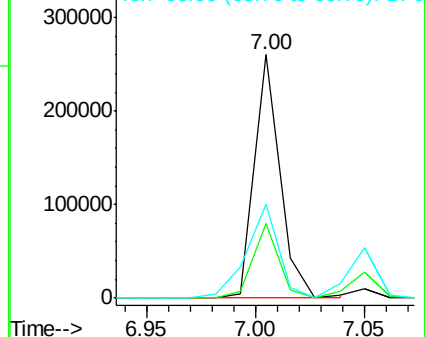
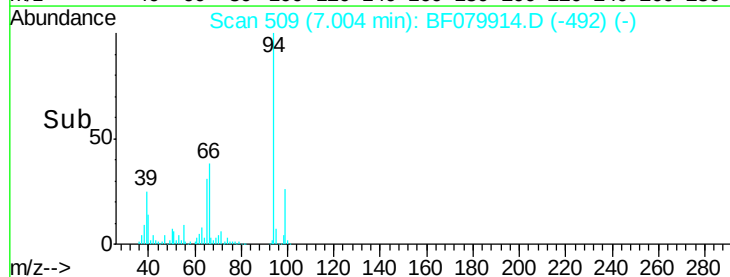
66 38.3 13.3 53.3

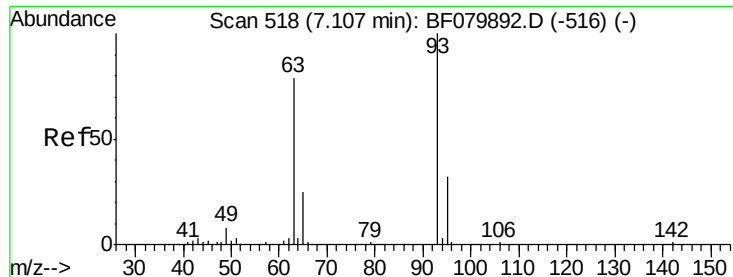


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

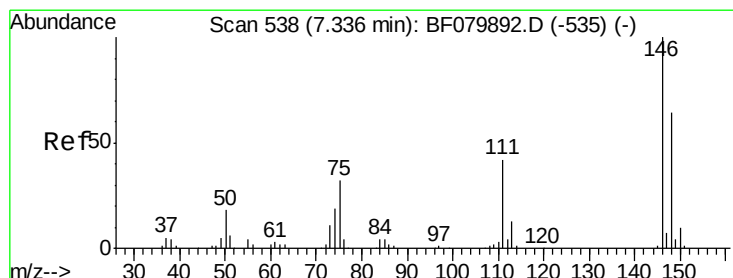
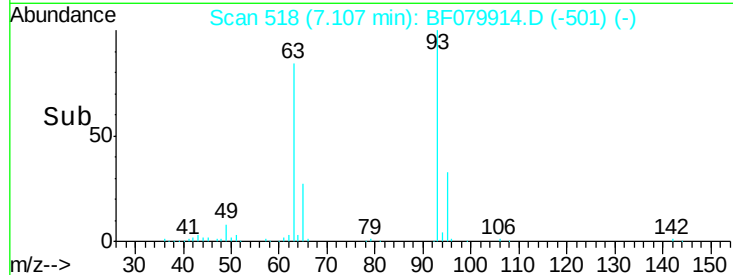
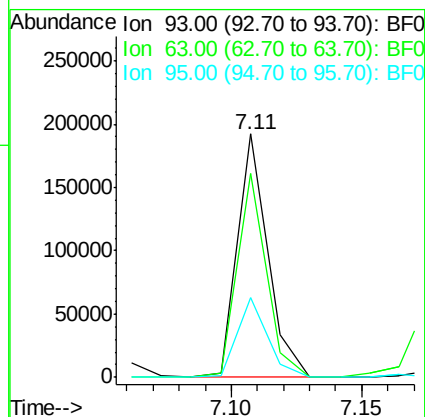
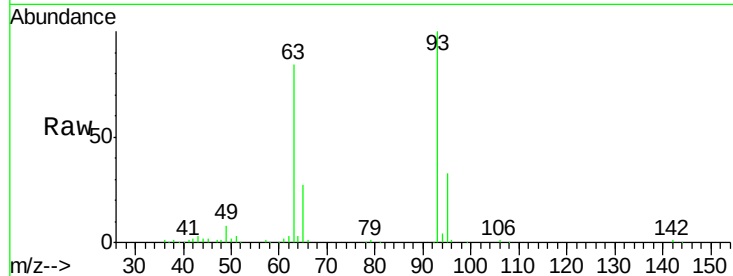




#11
 bis(2-Chloroethyl)ether
 Concen: 41.45 ng
 RT: 7.11 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

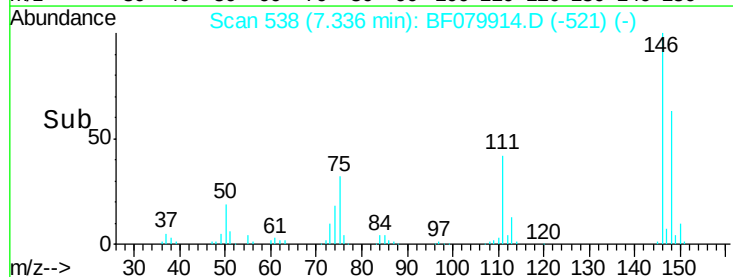
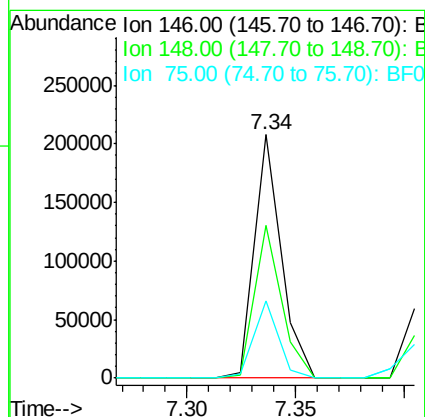
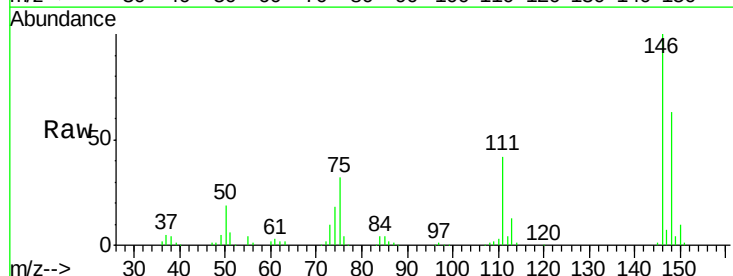
Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

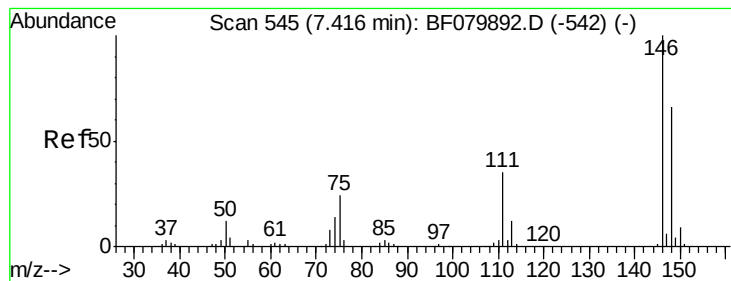
Tgt Ion: 93 Resp: 156475
 Ion Ratio Lower Upper
 93 100
 63 84.0 58.7 98.7
 95 32.7 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 40.16 ng
 RT: 7.34 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion: 146 Resp: 178288
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.9 76.3
 75 31.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.31 ng

RT: 7.42 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

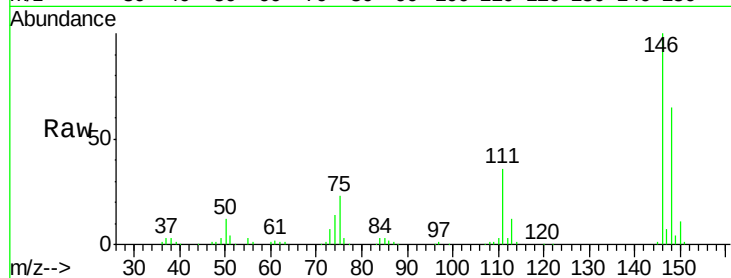
Tgt Ion:146 Resp: 181232

Ion Ratio Lower Upper

146 100

148 65.1 53.0 79.6

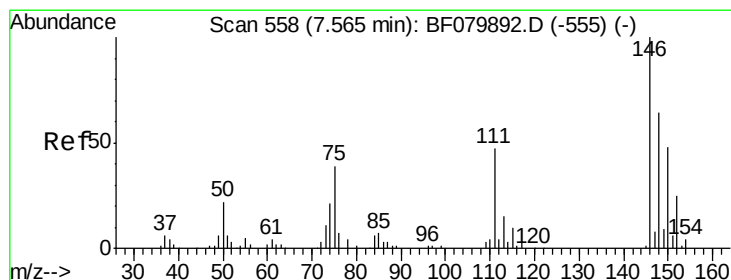
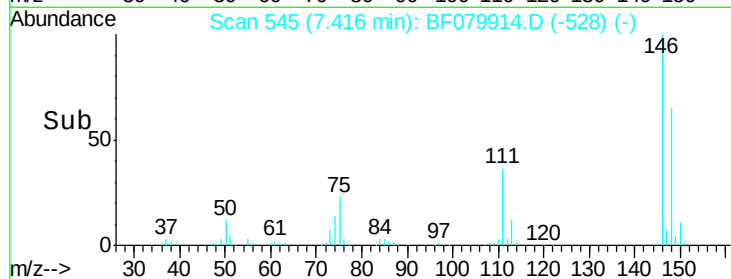
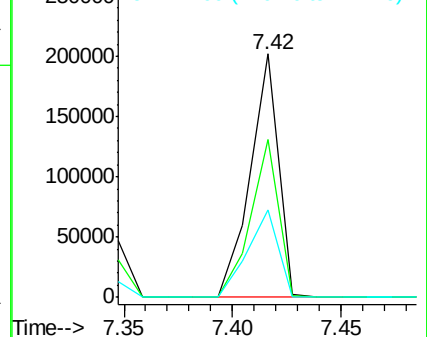
111 36.0 28.2 42.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.66 ng

RT: 7.56 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

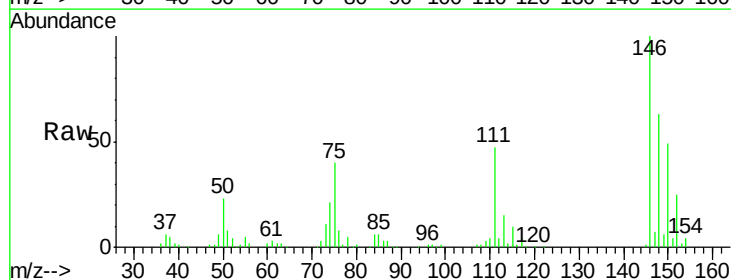
Tgt Ion:146 Resp: 166514

Ion Ratio Lower Upper

146 100

148 62.9 51.2 76.8

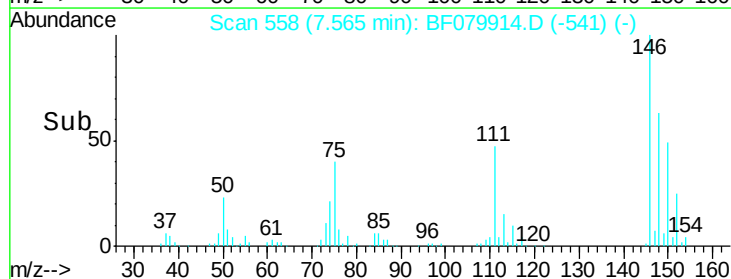
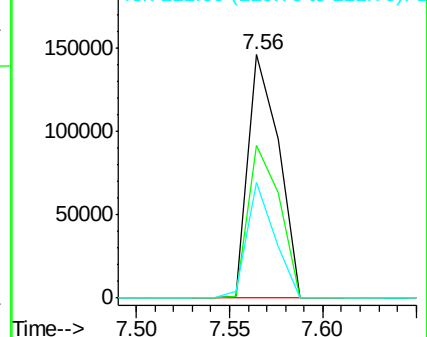
111 47.3 37.3 55.9

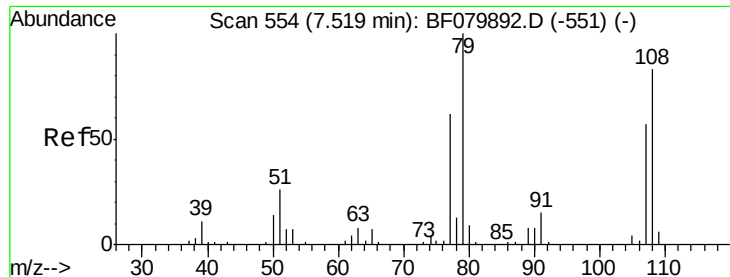


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

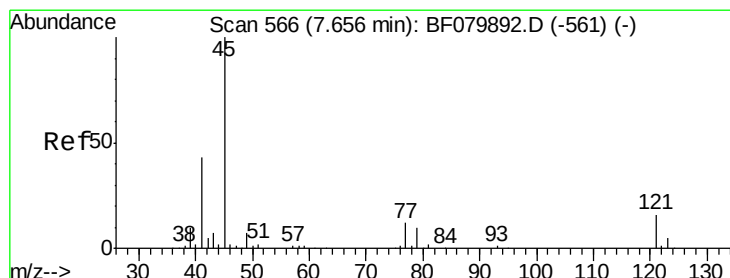
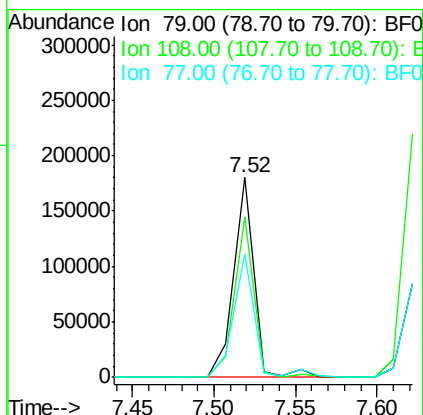
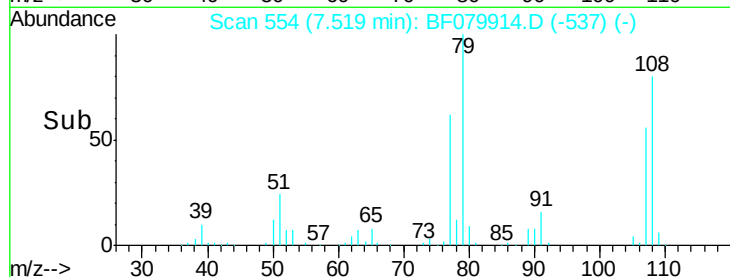
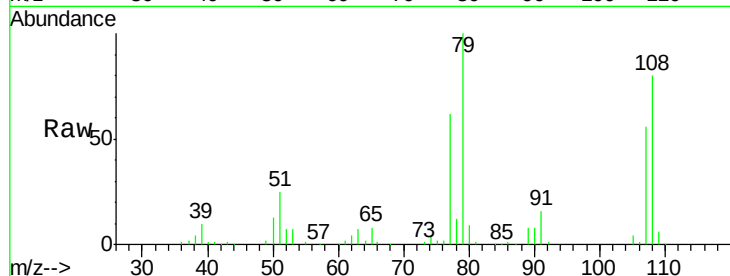




#15
Benzyl Alcohol
Concen: 44.98 ng
RT: 7.52 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

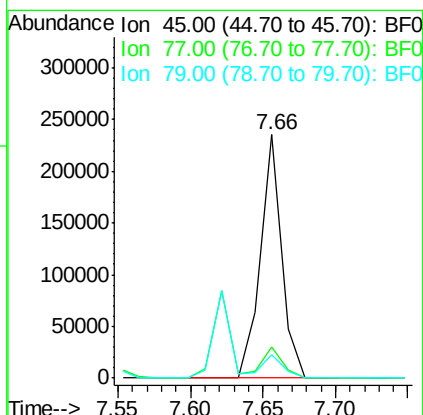
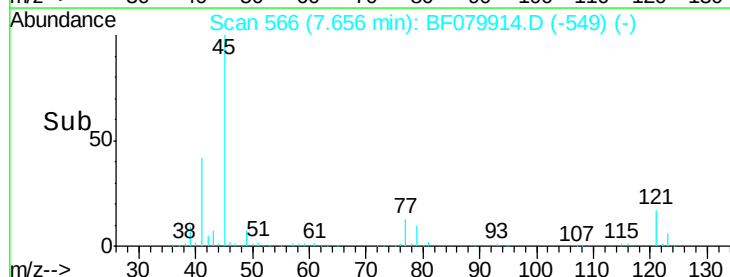
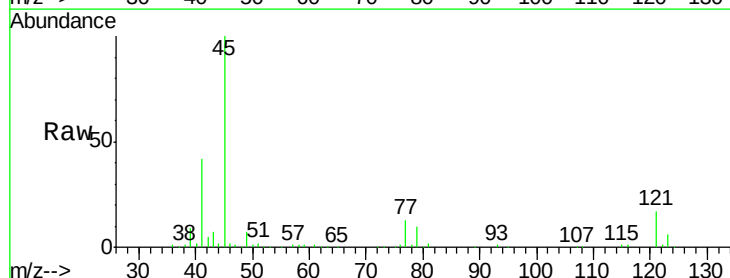
Instrument :
BNA_F
ClientSampleId :
FM1BMSD

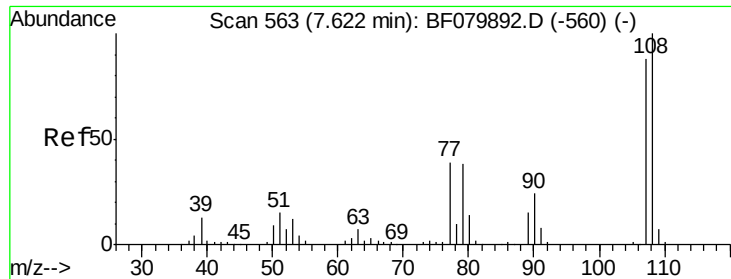
Tgt Ion: 79 Resp: 153828
Ion Ratio Lower Upper
79 100
108 80.1 66.4 99.6
77 62.0 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.48 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion: 45 Resp: 237502
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.9
79 9.8 0.0 29.6

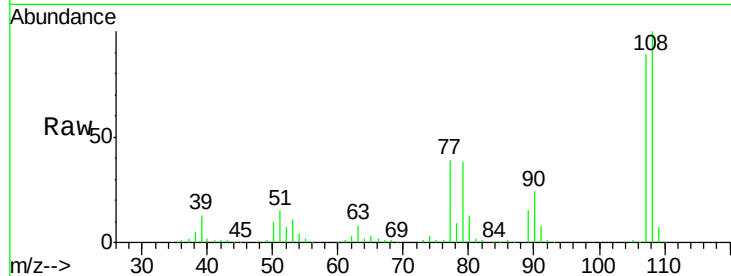




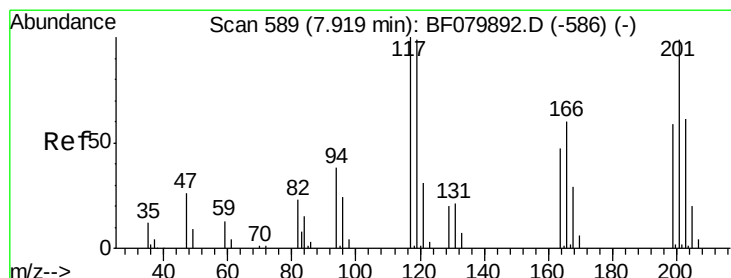
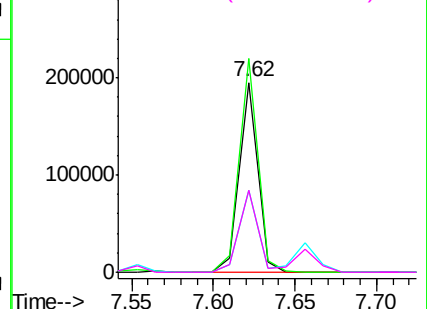
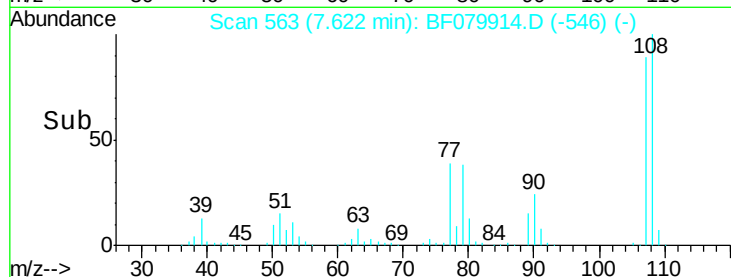
#17
2-Methylphenol
Concen: 45.56 ng
RT: 7.62 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

Tgt Ion:107 Resp: 151461
Ion Ratio Lower Upper
107 100
108 112.6 90.8 136.2
77 43.4 35.4 53.2
79 43.3 34.7 52.1

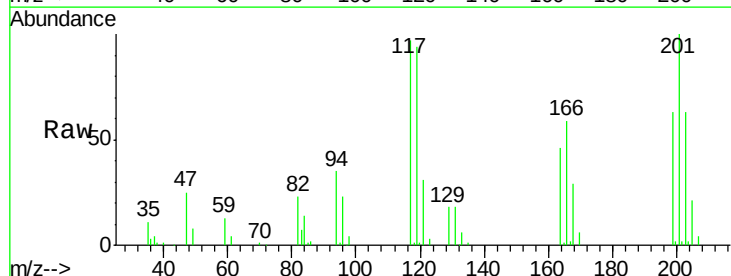


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

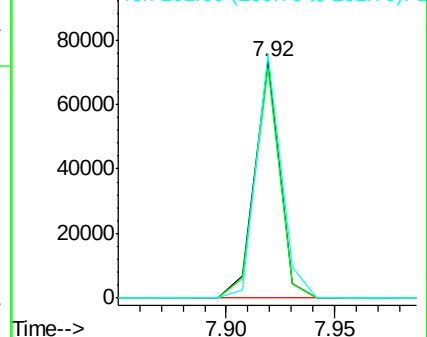
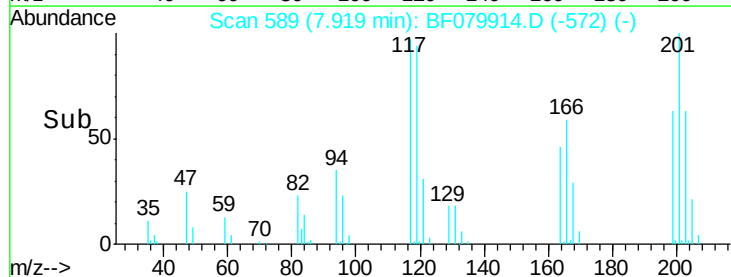


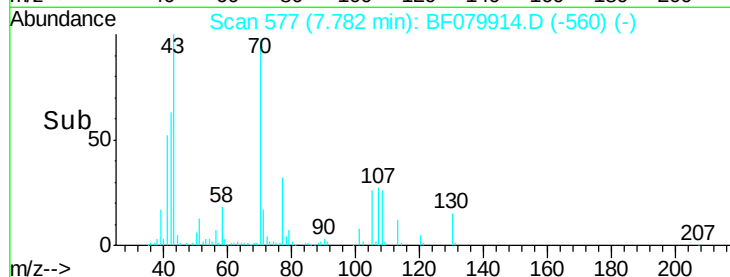
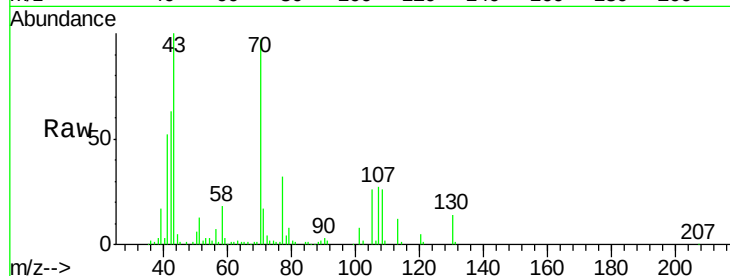
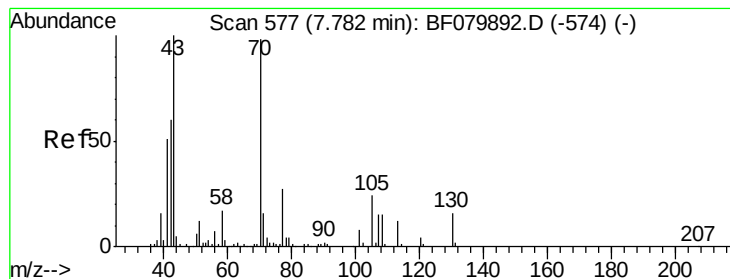
#18
Hexachloroethane
Concen: 40.68 ng
RT: 7.92 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion:117 Resp: 58077
Ion Ratio Lower Upper
117 100
119 97.0 79.0 118.6
201 102.7 79.0 118.6



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: 40.40 ng

RT: 7.78 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

Tgt Ion: 70 Resp: 123137

Ion Ratio Lower Upper

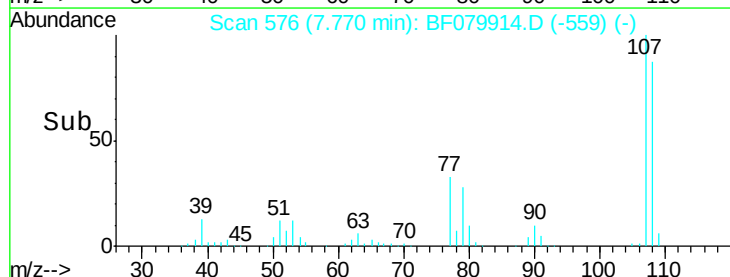
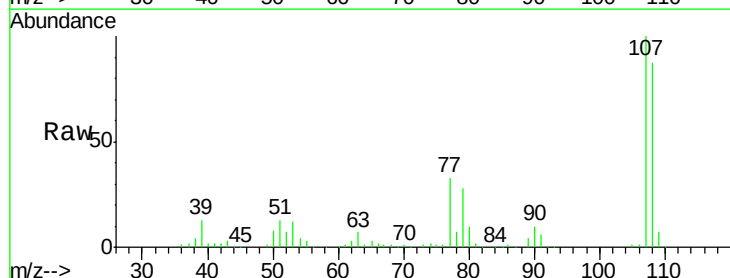
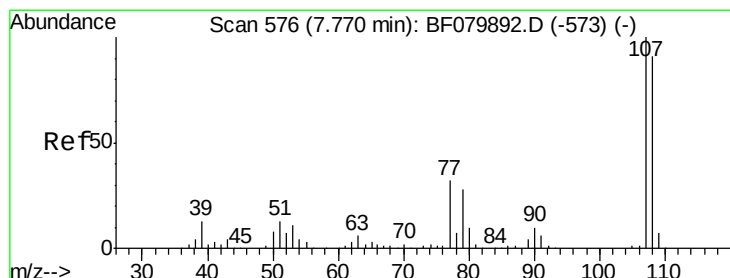
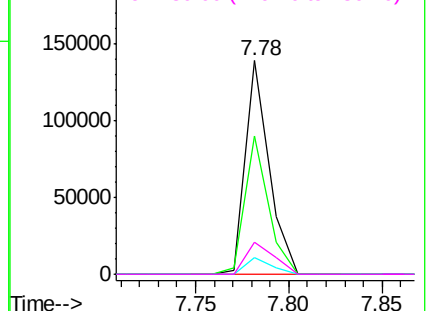
70 100

42 64.7 49.0 73.4

101 8.0 6.6 9.8

130 15.0 12.7 19.1

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



#20

3+4-Methylphenols

Concen: 46.47 ng

RT: 7.77 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion: 107 Resp: 197453

Ion Ratio Lower Upper

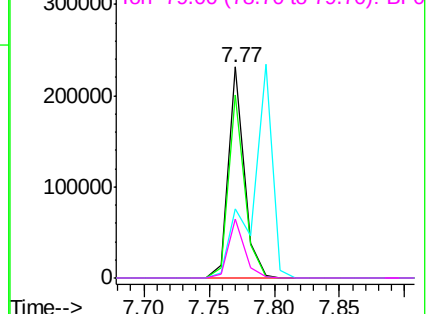
107 100

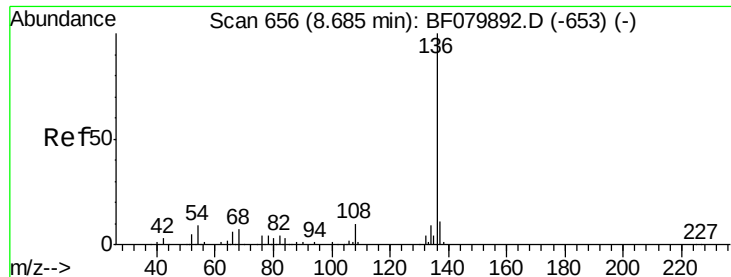
108 87.0 71.1 111.1

77 32.7 12.2 52.2

79 27.8 8.5 48.5

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

Tgt Ion:136 Resp: 234146

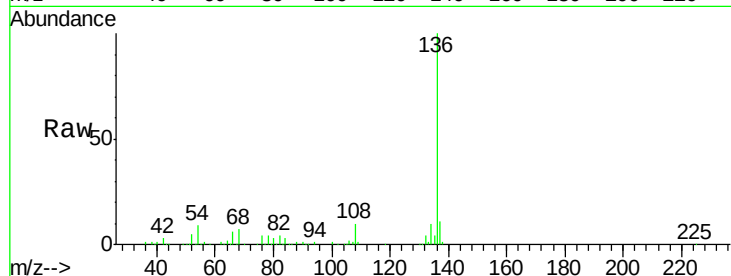
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.4 7.3 10.9

68 6.7 5.9 8.9

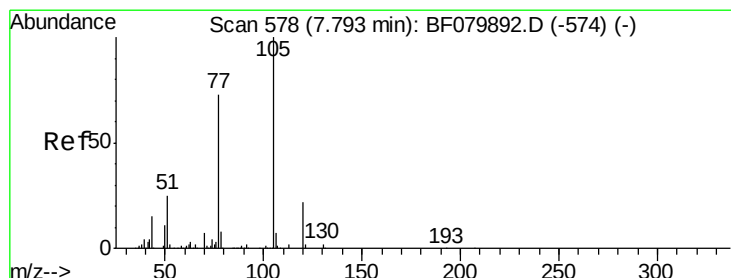
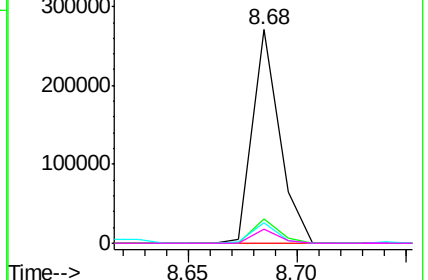
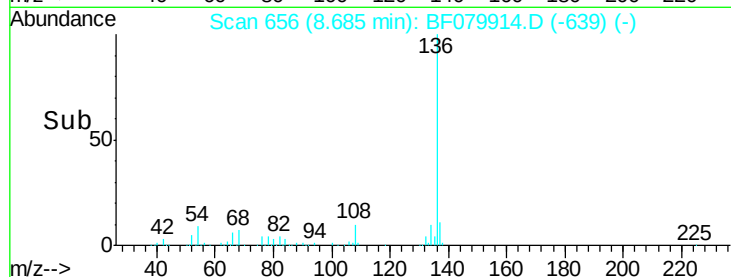


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.72 ng

RT: 7.79 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion:105 Resp: 252805

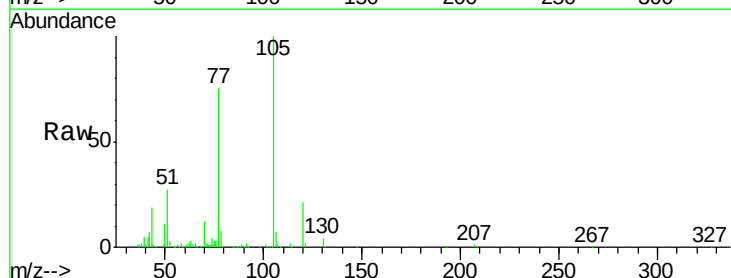
Ion Ratio Lower Upper

105 100

71 1.9 1.0 1.4#

51 26.6 19.8 29.6

120 21.0 17.6 26.4

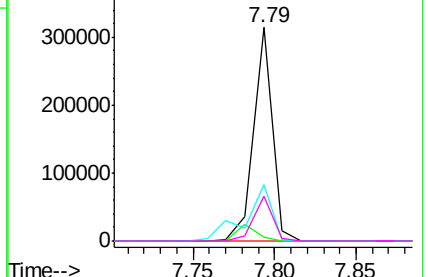
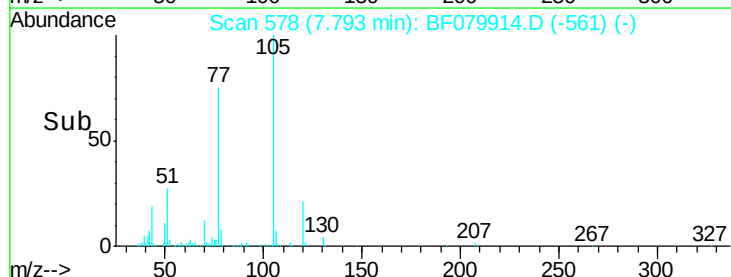


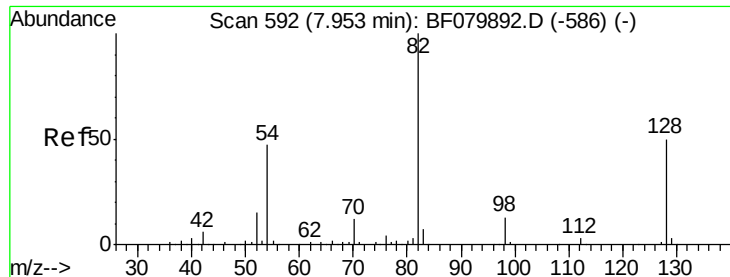
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

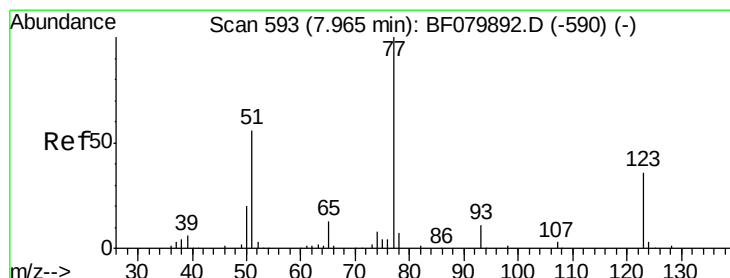
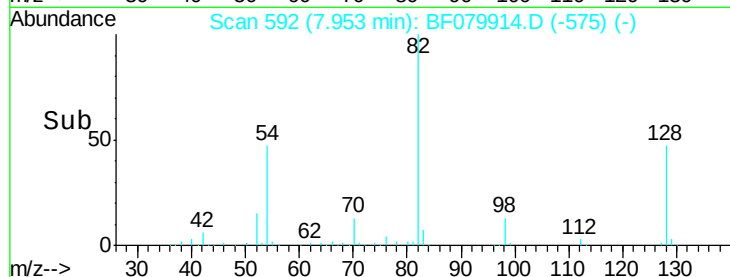
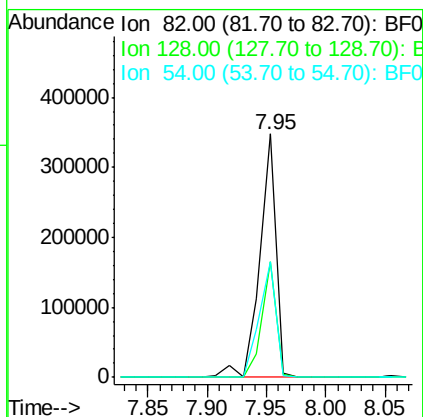
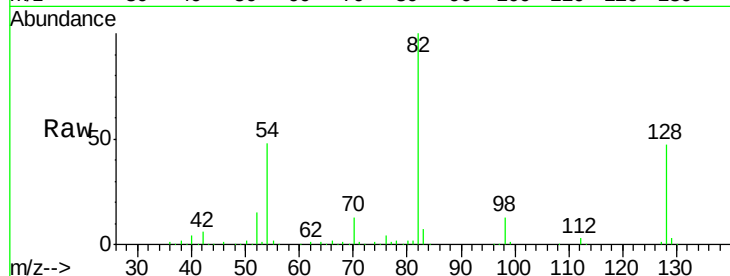




#23
 Nitrobenzene-d5
 Concen: 94.01 ng
 RT: 7.95 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

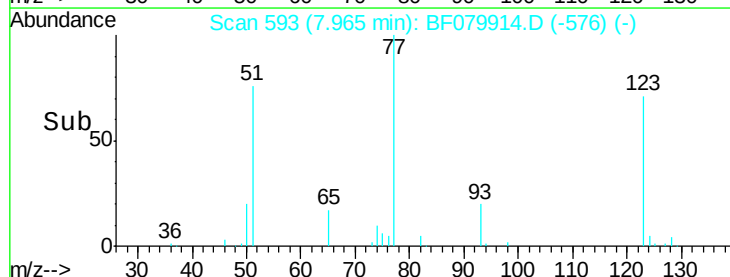
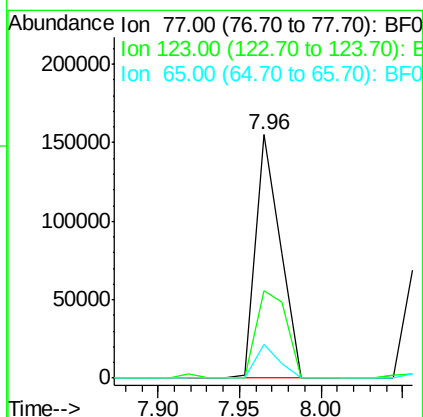
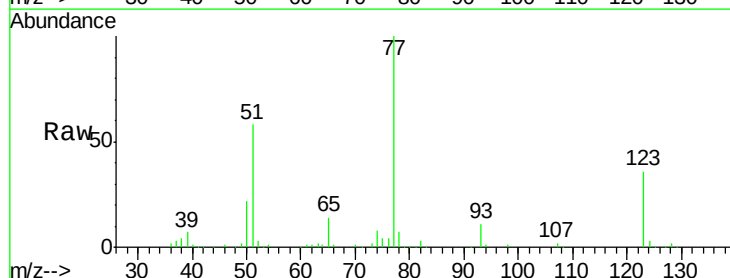
Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

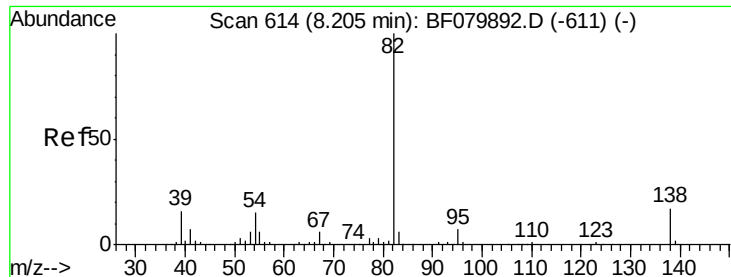
Tgt Ion: 82 Resp: 333608
 Ion Ratio Lower Upper
 82 100
 128 47.3 40.3 60.5
 54 47.6 38.0 57.0



#24
 Nitrobenzene
 Concen: 43.09 ng
 RT: 7.96 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion: 77 Resp: 162654
 Ion Ratio Lower Upper
 77 100
 123 36.2 28.8 43.2
 65 13.6 10.3 15.5

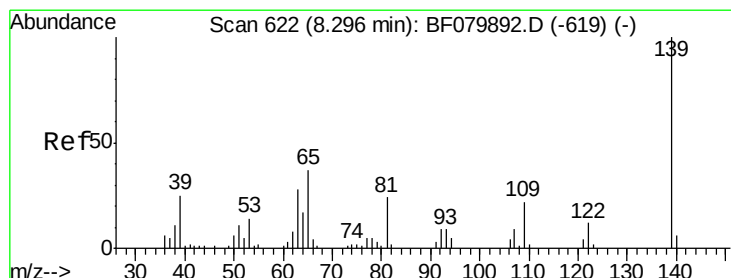
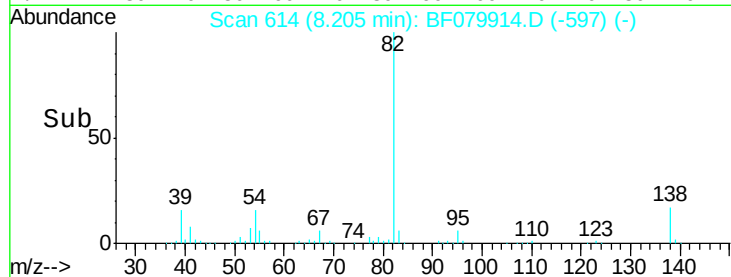
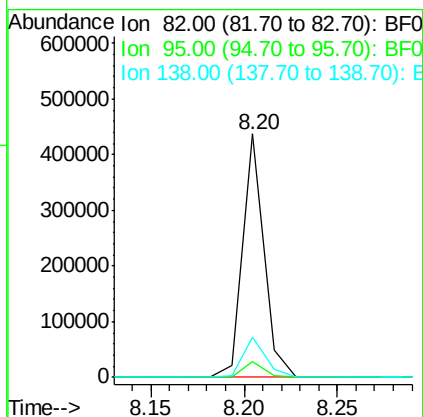
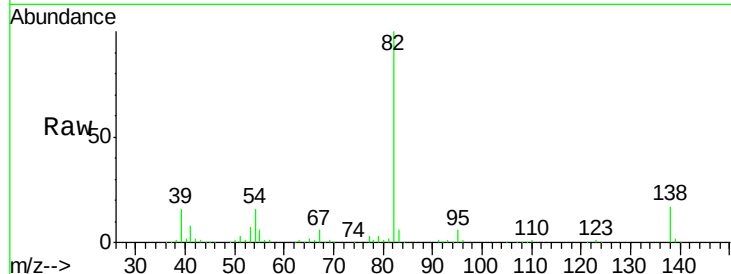




#25
Isophorone
Concen: 42.16 ng
RT: 8.20 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

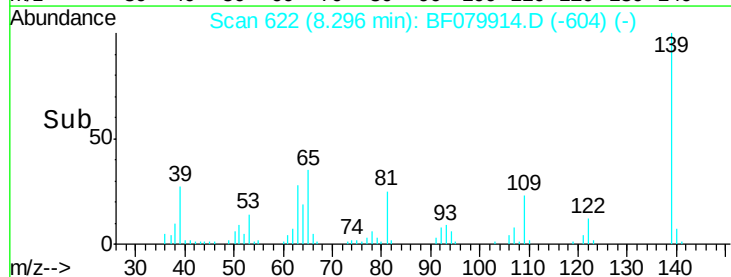
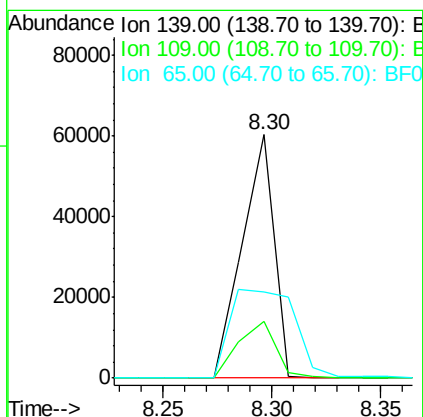
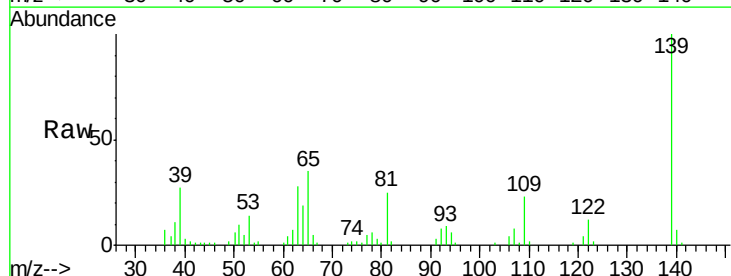
Instrument :
BNA_F
ClientSampleId :
FM1BMSD

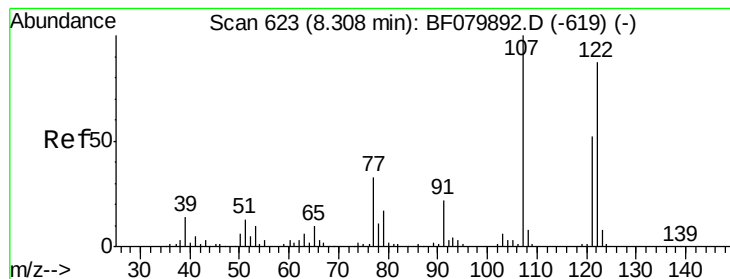
Tgt Ion: 82 Resp: 348140
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 16.5 13.3 19.9



#26
2-Nitrophenol
Concen: 46.32 ng
RT: 8.30 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion: 139 Resp: 61324
Ion Ratio Lower Upper
139 100
109 23.5 17.8 26.6
65 35.2 29.4 44.0





#27

2,4-Dimethylphenol

Concen: 48.31 ng

RT: 8.31 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampled :

FM1BMSD

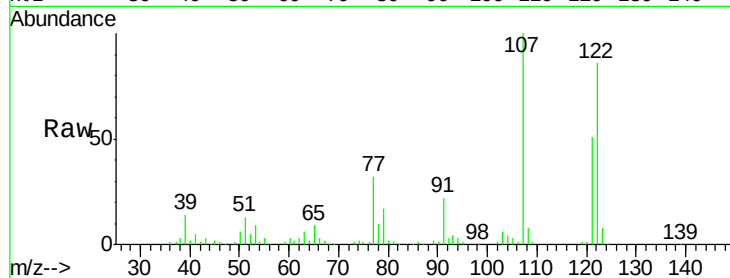
Tgt Ion: 122 Resp: 178825

Ion Ratio Lower Upper

122 100

107 116.5 91.7 137.5

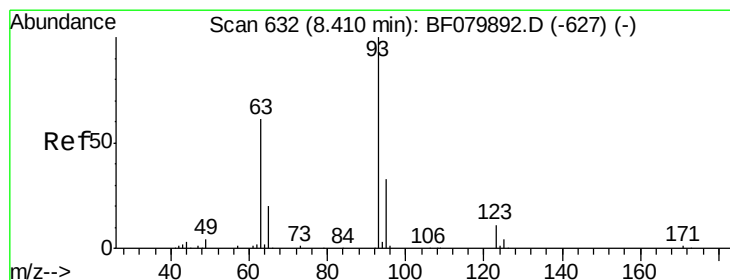
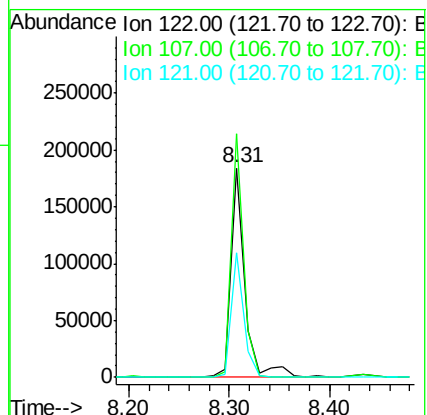
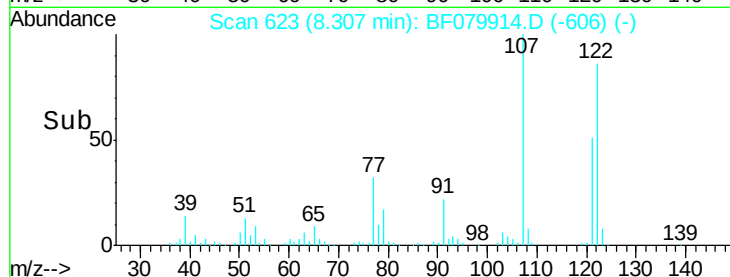
121 59.6 47.8 71.6



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: 43.87 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

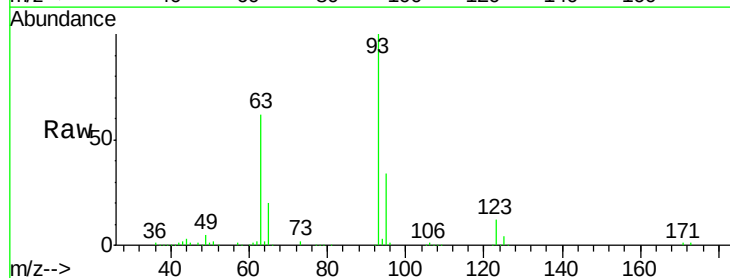
Tgt Ion: 93 Resp: 215121

Ion Ratio Lower Upper

93 100

95 33.6 26.1 39.1

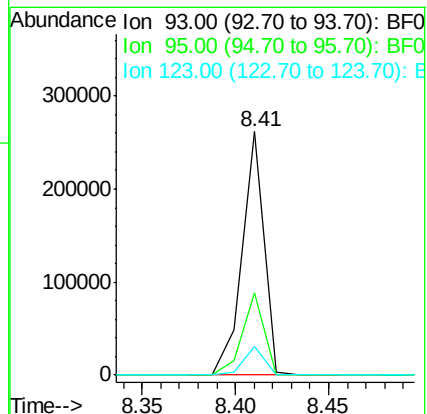
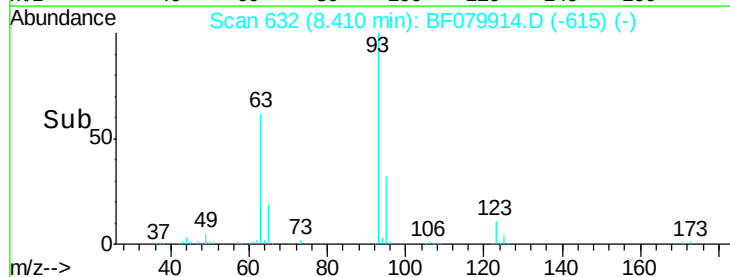
123 11.5 8.9 13.3

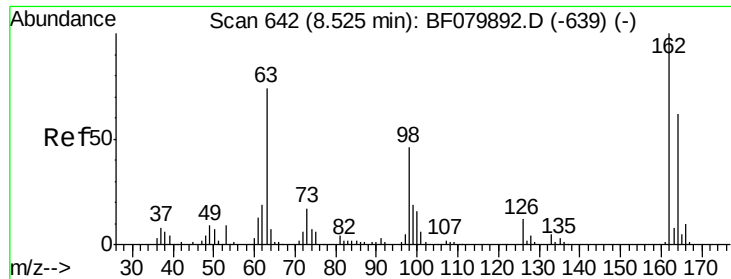


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

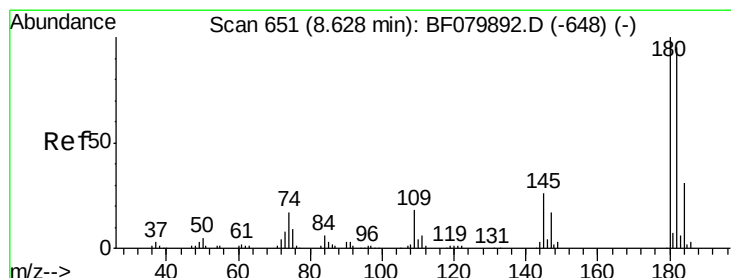
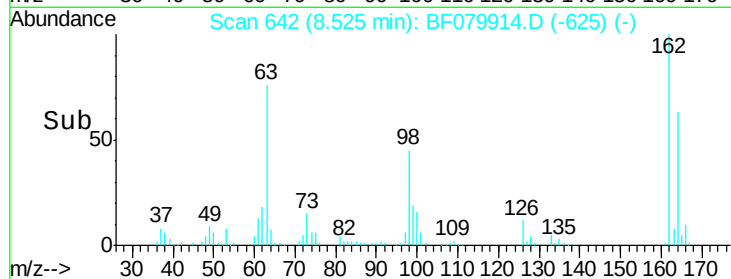
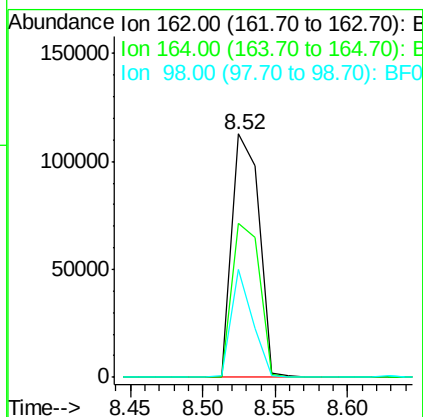
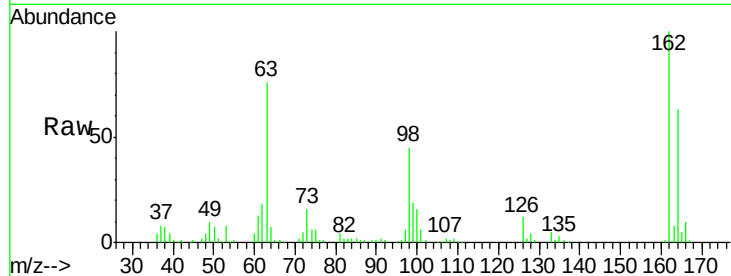




#29
 2,4-Dichlorophenol
 Concen: 47.45 ng
 RT: 8.52 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

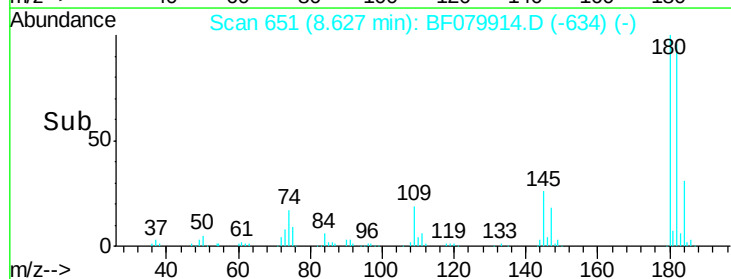
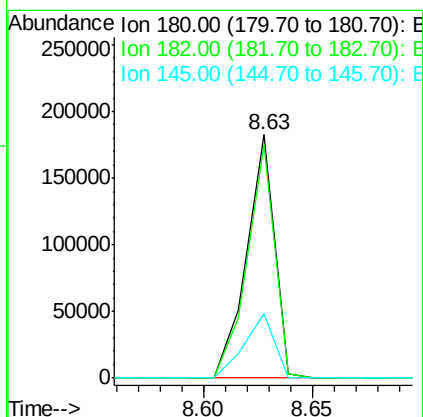
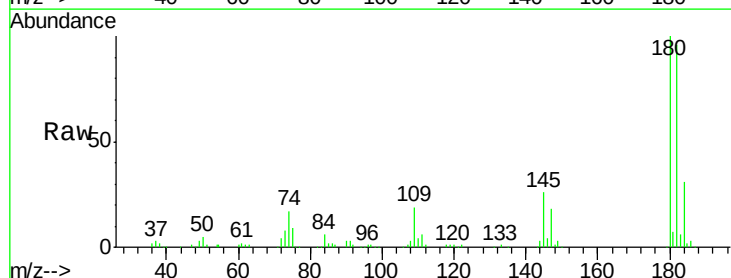
Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

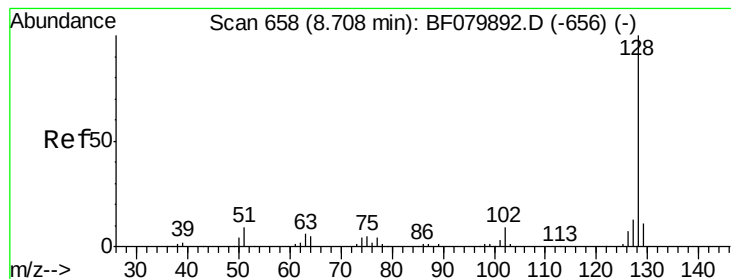
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.2	82.2
98	44.5	26.0	66.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.17 ng
 RT: 8.63 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.7	113.5
145	26.3	21.1	31.7





#31

Naphthalene

Concen: 60.52 ng

RT: 8.71 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

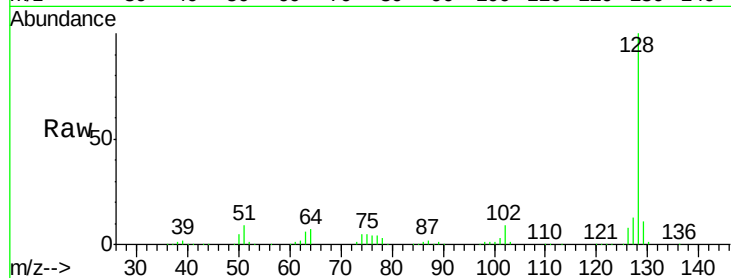
Tgt Ion:128 Resp: 774534

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

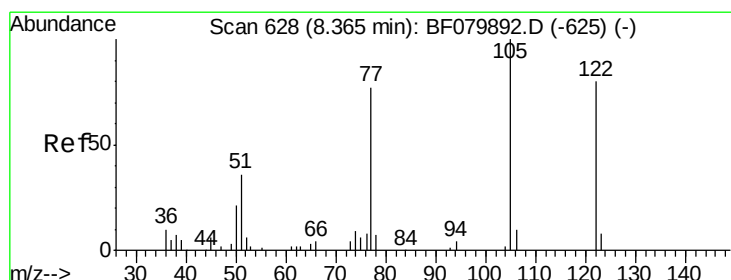
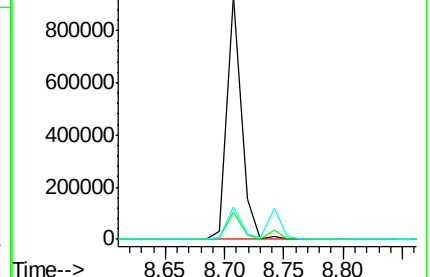
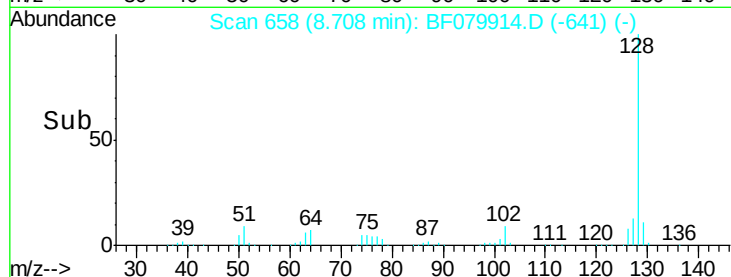
127 13.5 10.5 15.7



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: 110.24 ng

RT: 8.31 min Scan# 623

Delta R.T. -0.06 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

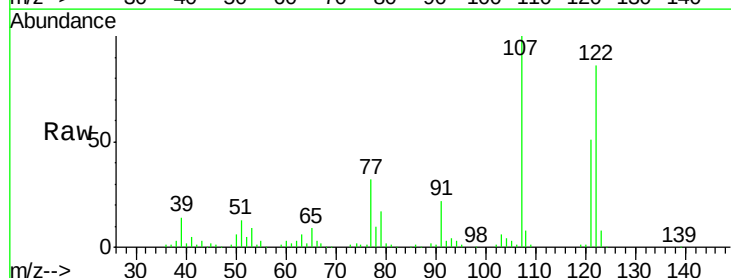
Tgt Ion:122 Resp: 178825

Ion Ratio Lower Upper

122 100

105 3.7 102.7 142.7#

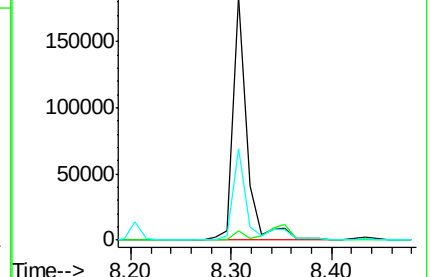
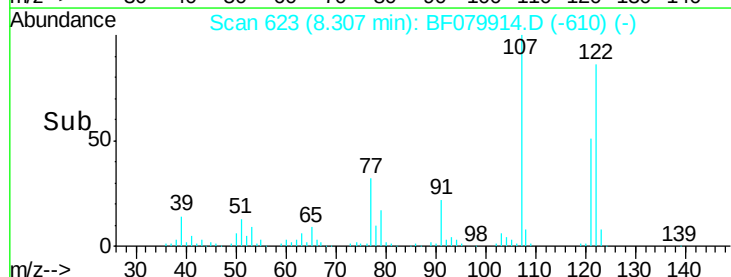
77 37.6 77.1 117.1#

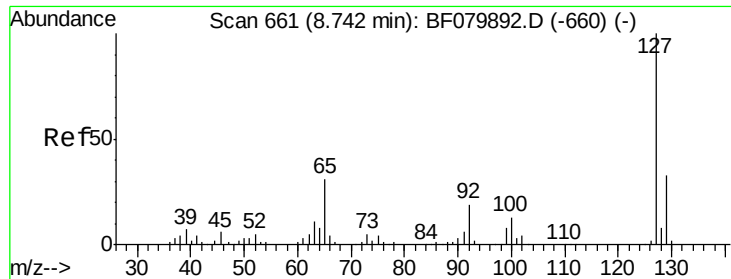


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

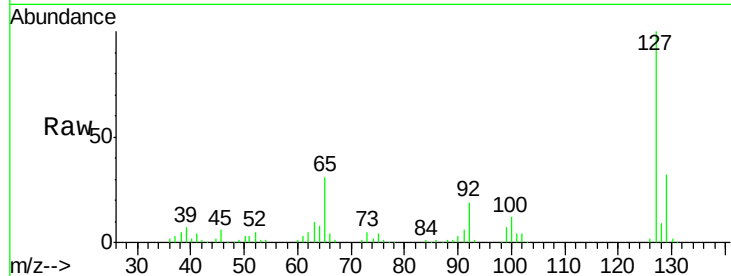




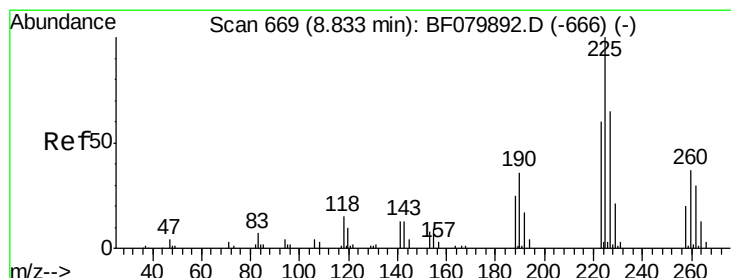
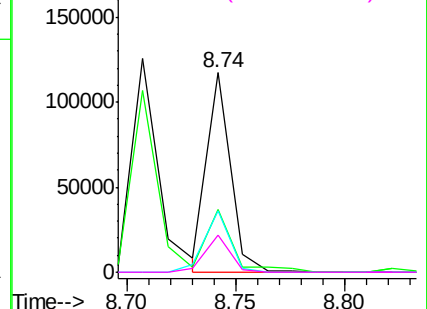
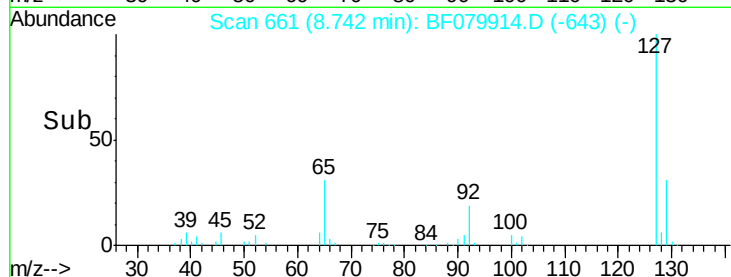
#33
4-Chloroaniline
Concen: 17.83 ng
RT: 8.74 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

Tgt Ion:	127	Resp:	88599
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	31.2	25.5	38.3
92	18.6	15.7	23.5

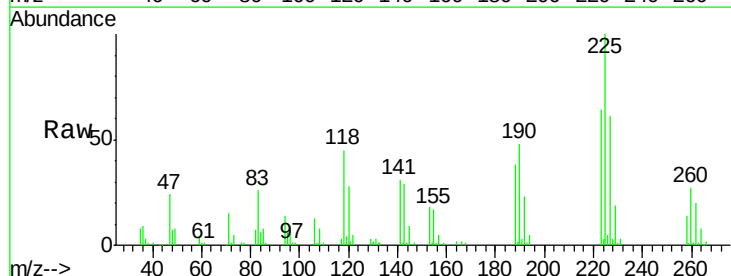


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

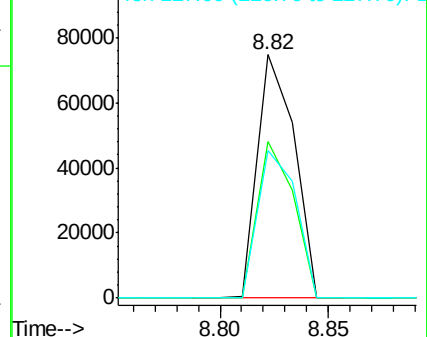
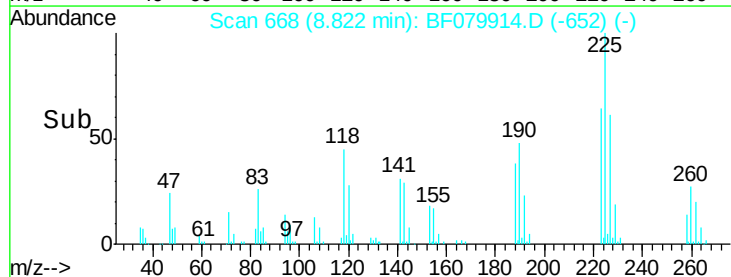


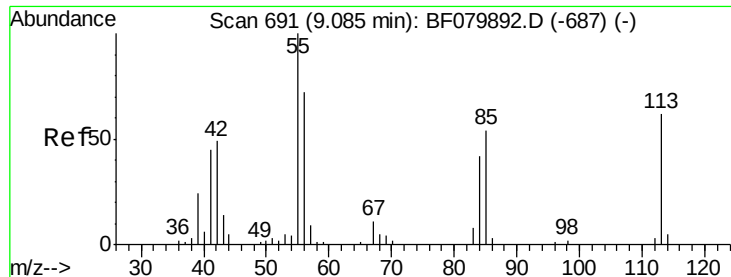
#34
Hexachlorobutadiene
Concen: 40.47 ng
RT: 8.82 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion:	225	Resp:	88521
Ion	Ratio	Lower	Upper
225	100		
223	64.4	47.8	71.6
227	60.7	52.0	78.0



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





#35

Caprolactam

Concen: 48.29 ng

RT: 9.08 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

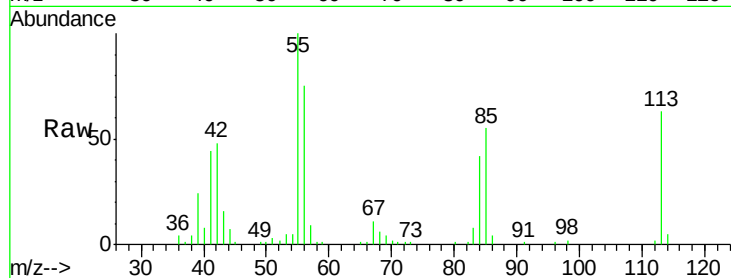
Tgt Ion:113 Resp: 47348

Ion Ratio Lower Upper

113 100

55 159.9 141.4 181.4

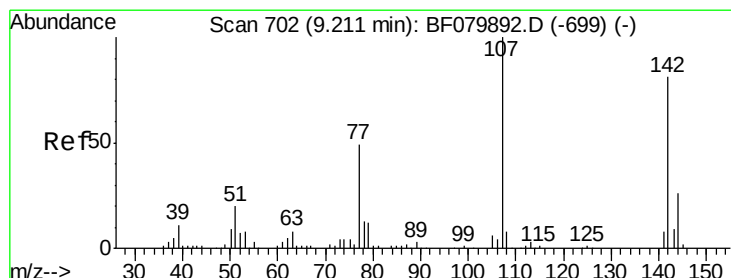
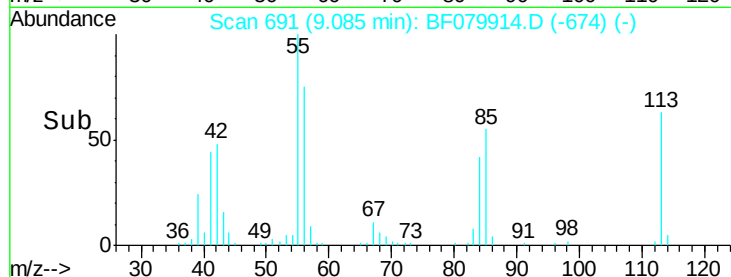
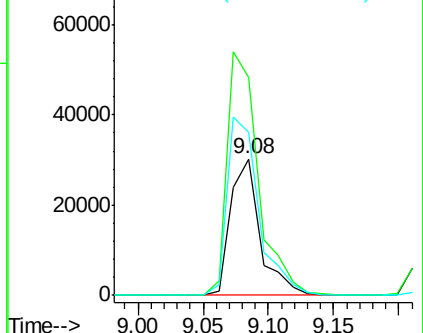
56 120.1 95.9 135.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.77 ng

RT: 9.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

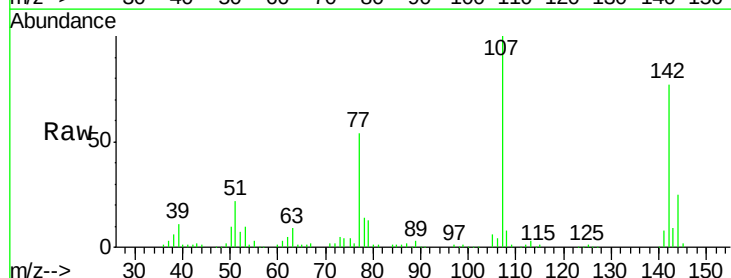
Tgt Ion:107 Resp: 169157

Ion Ratio Lower Upper

107 100

144 24.8 21.0 31.6

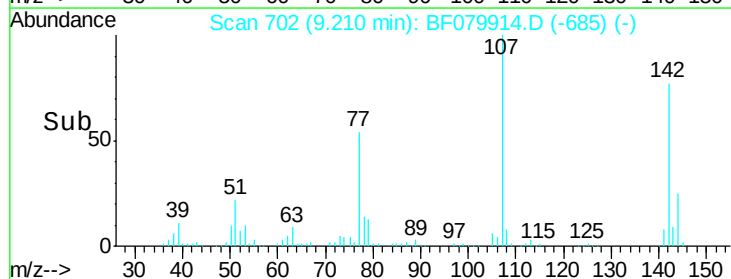
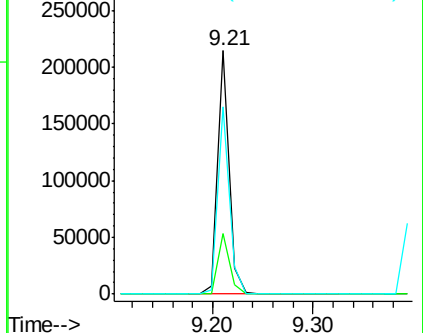
142 76.8 64.5 96.7

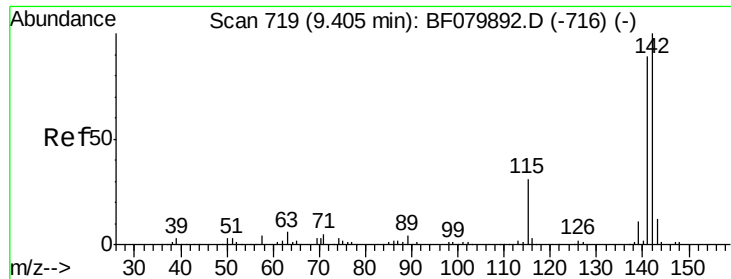


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

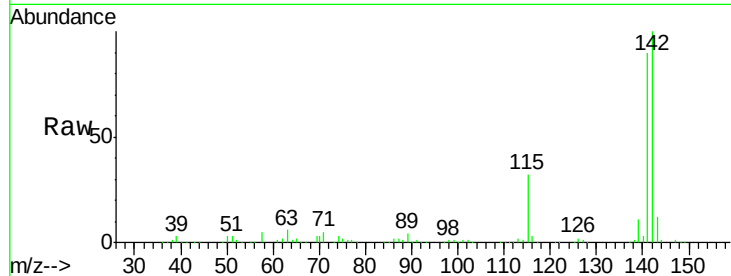




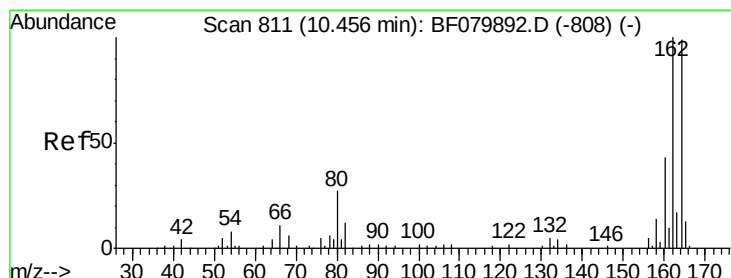
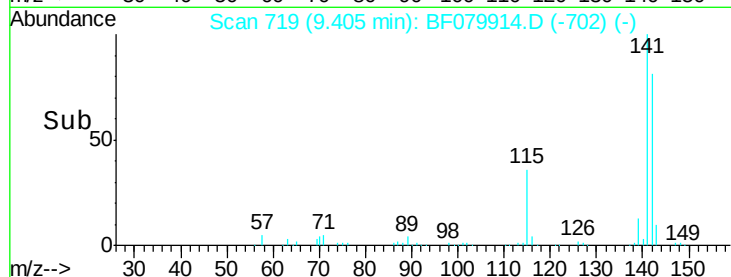
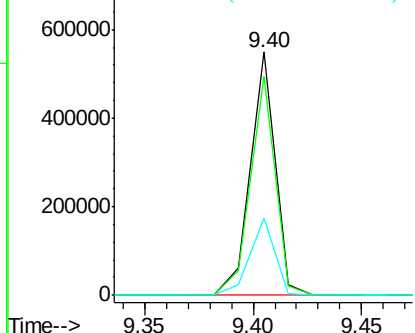
#37
 2-Methylnaphthalene
 Concen: 50.37 ng
 RT: 9.40 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.9	106.3
115	31.9	25.0	37.4

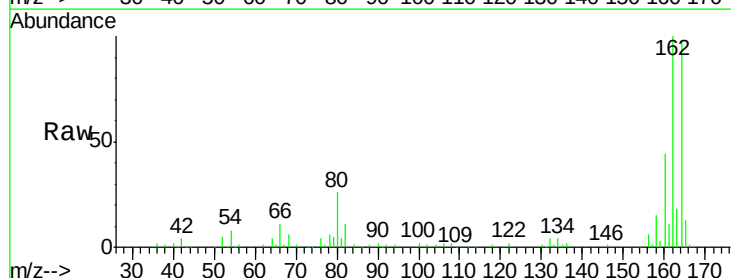


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

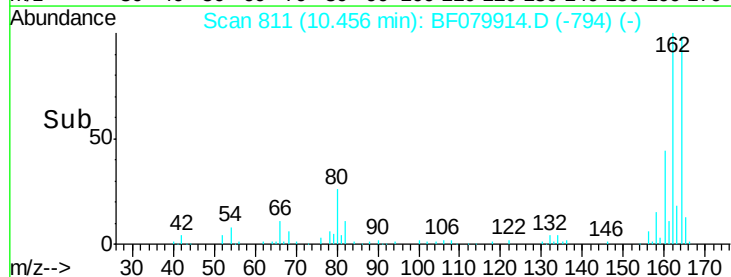
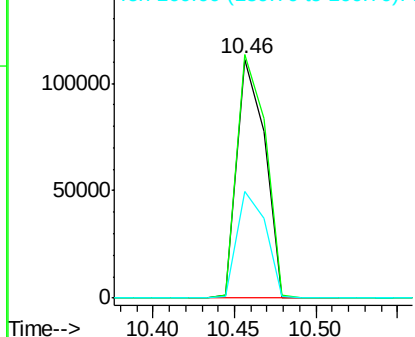


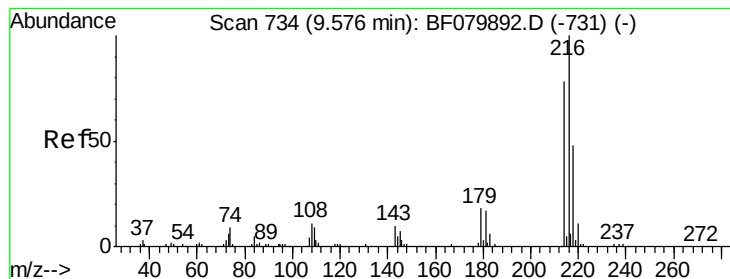
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	44.4	34.6	51.8



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: 39.64 ng

RT: 9.58 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

Tgt Ion:216 Resp: 173740

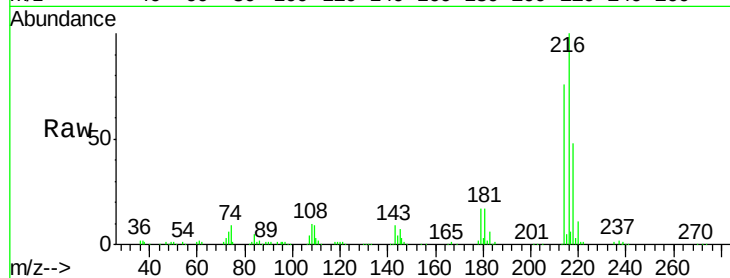
Ion Ratio Lower Upper

216 100

214 77.4 63.5 95.3

179 19.3 15.8 23.8

108 17.4 13.7 20.5

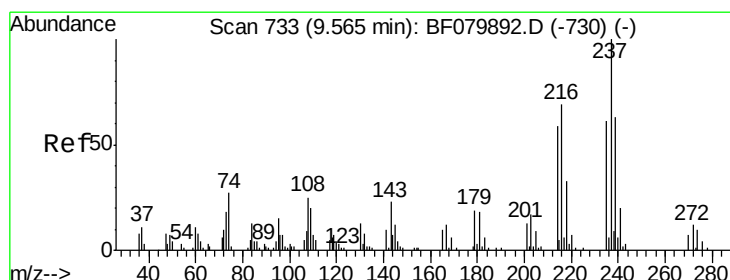
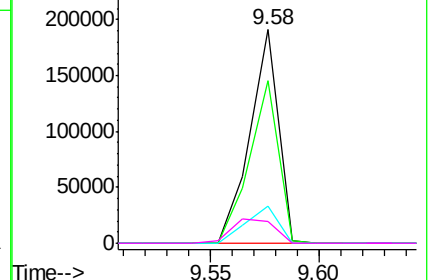
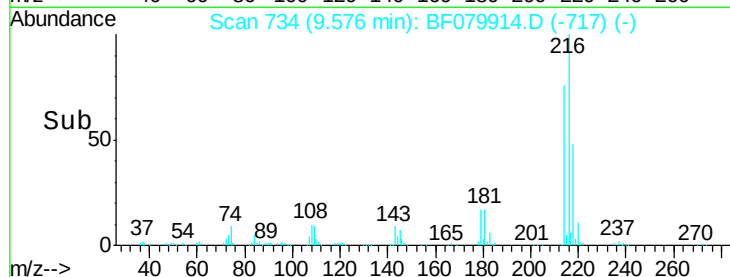


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.17 ng

RT: 9.56 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

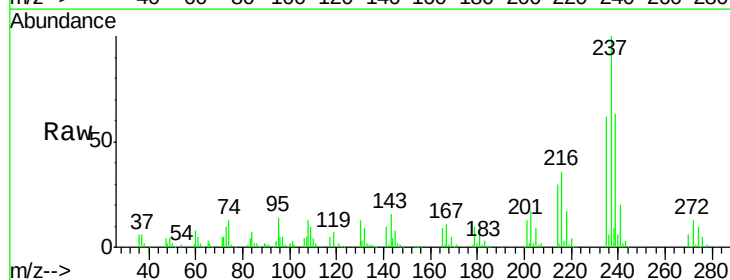
Tgt Ion:237 Resp: 128891

Ion Ratio Lower Upper

237 100

235 62.2 41.3 81.3

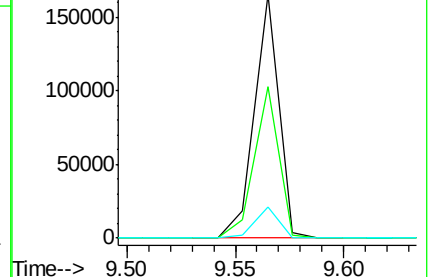
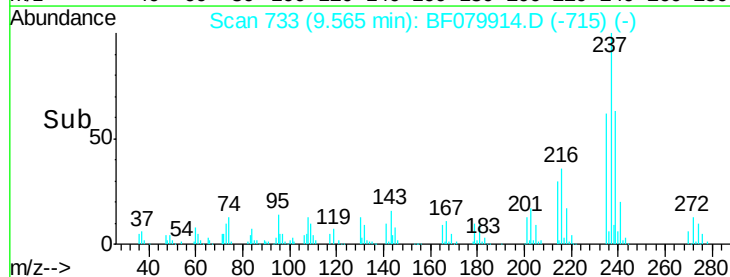
272 12.8 0.0 32.2

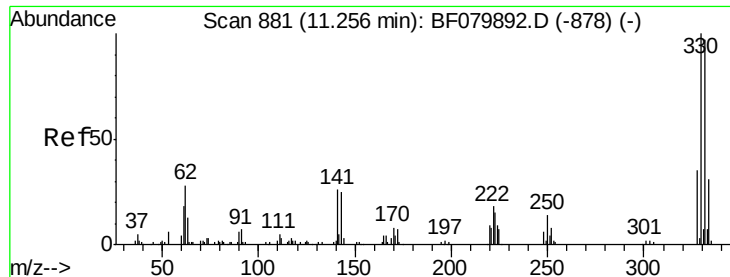


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

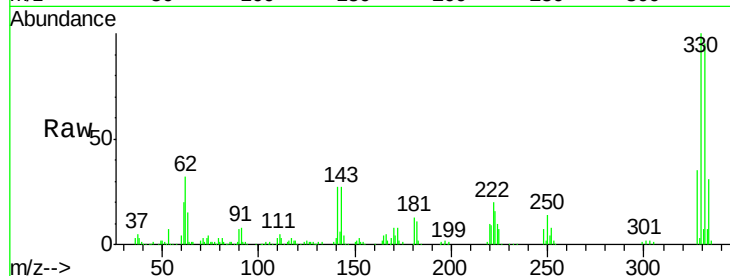




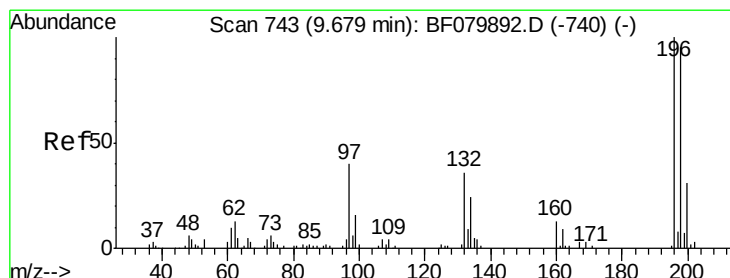
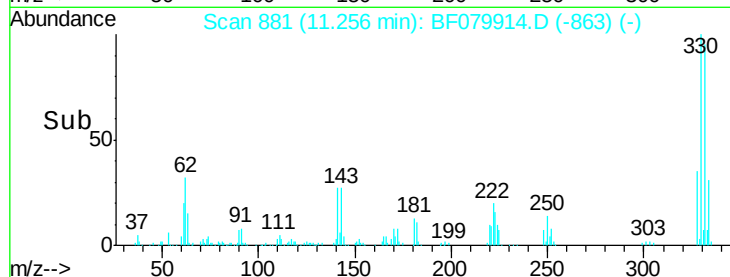
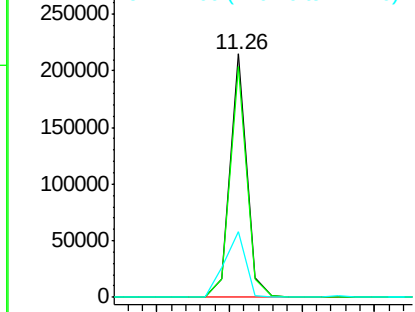
#41
 2,4,6-Tribromophenol
 Concen: 130.26 ng
 RT: 11.26 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tgt Ion:330 Resp: 171694
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 34.7 26.8 40.2

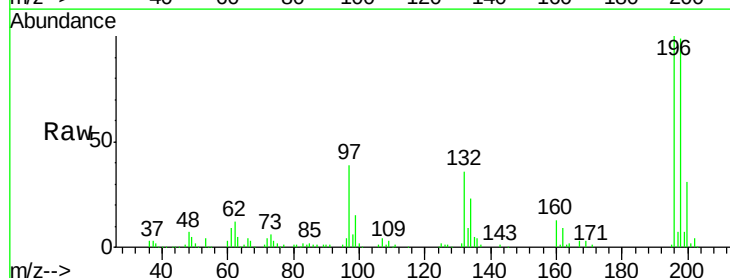


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

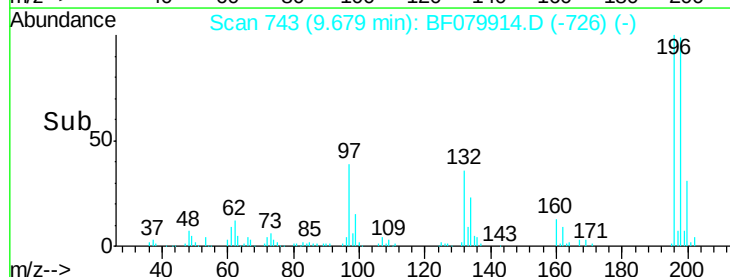
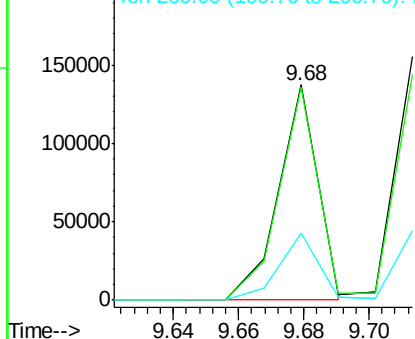


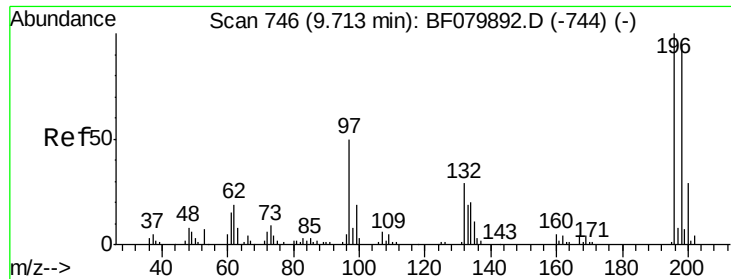
#42
 2,4,6-Trichlorophenol
 Concen: 42.61 ng
 RT: 9.68 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion:196 Resp: 115073
 Ion Ratio Lower Upper
 196 100
 198 98.9 76.0 114.0
 200 31.4 24.9 37.3



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

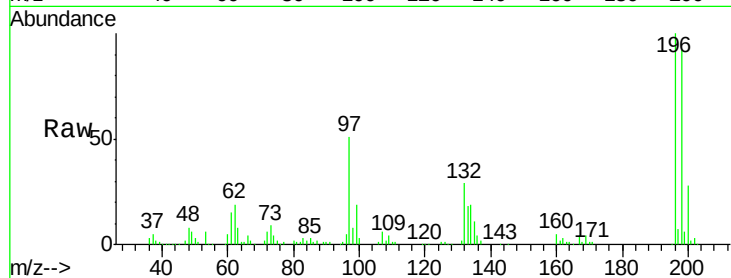




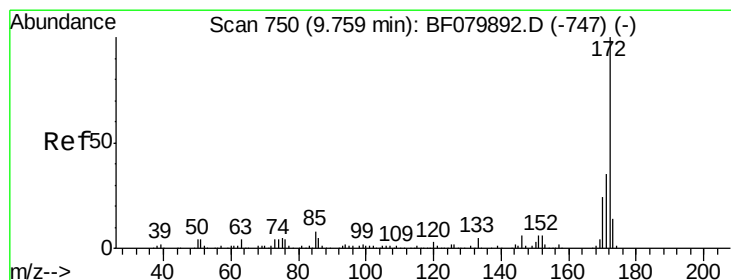
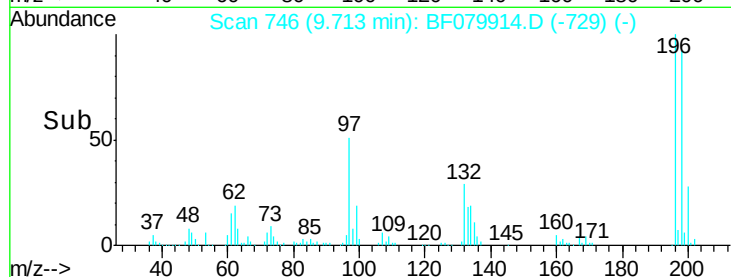
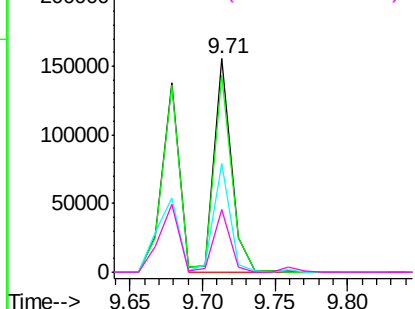
#43
 2,4,5-Trichlorophenol
 Concen: 43.30 ng
 RT: 9.71 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tgt Ion:	196	Resp:	129061
Ion	Ratio	Lower	Upper
196	100		
198	92.5	76.0	114.0
97	50.8	39.4	59.2
132	29.3	23.6	35.4

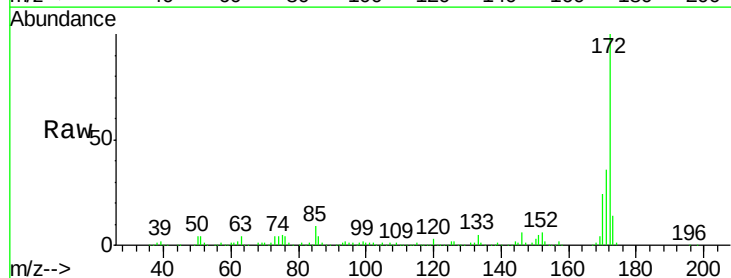


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

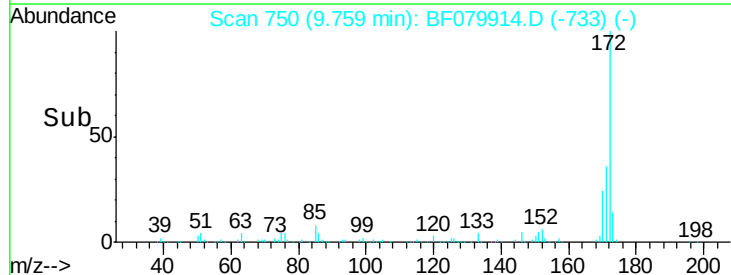
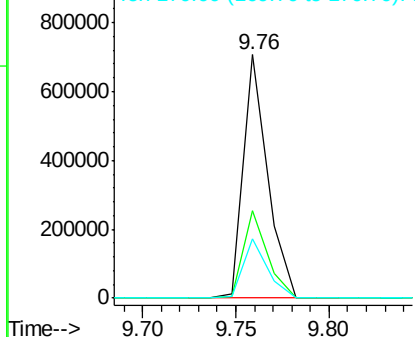


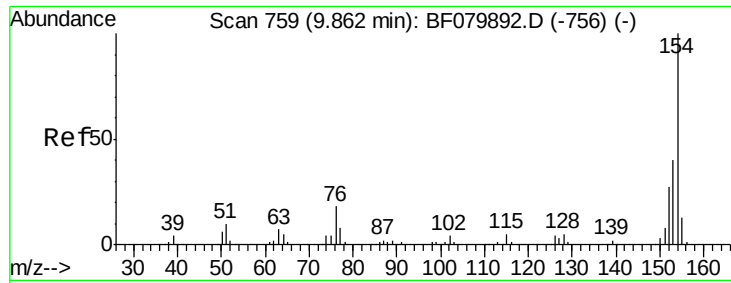
#44
 2-Fluorobiphenyl
 Concen: 68.41 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion:	172	Resp:	639287
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.3	42.5
170	24.3	19.0	28.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

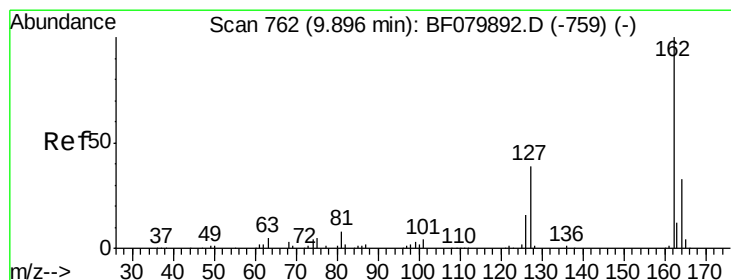
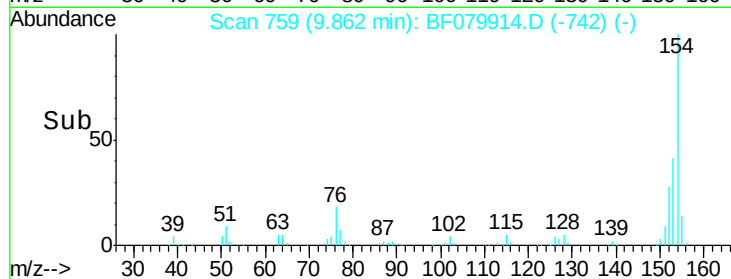
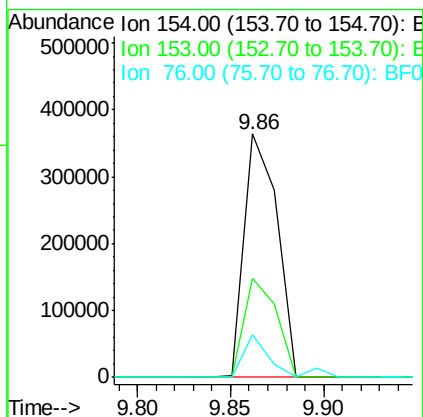
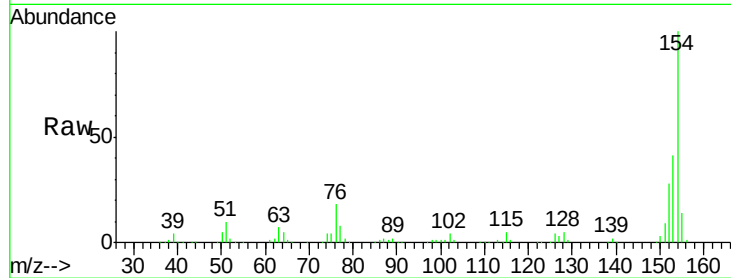




#45
 1,1'-Biphenyl
 Concen: 41.88 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

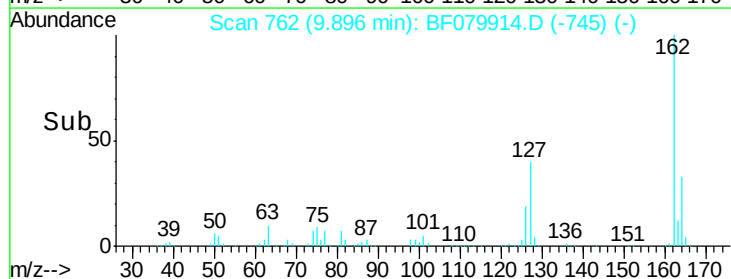
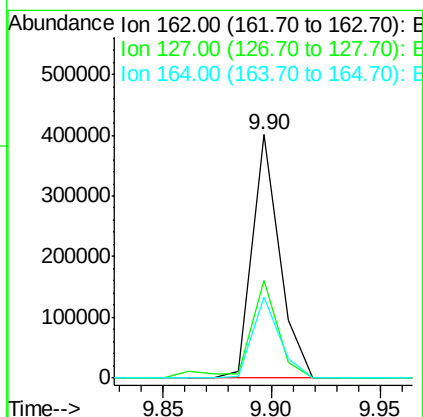
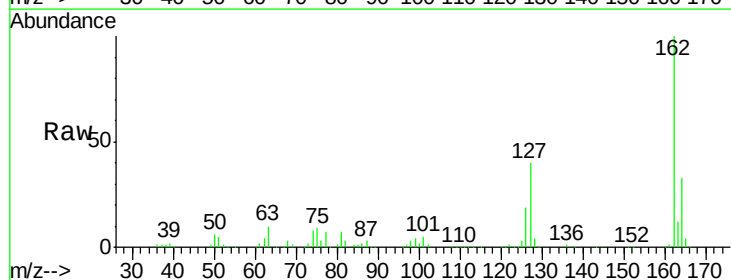
Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

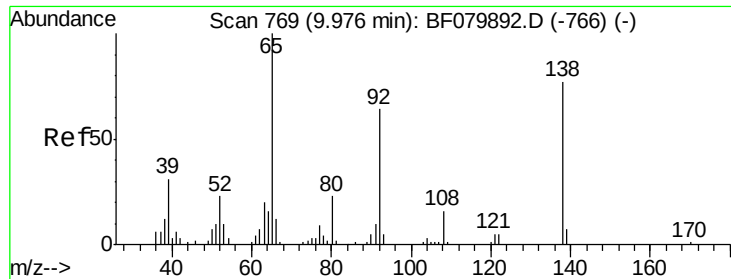
Tgt Ion:154 Resp: 443470
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.1 60.1
 76 17.6 0.0 38.4



#46
 2-Chloronaphthalene
 Concen: 38.68 ng
 RT: 9.90 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion:162 Resp: 348724
 Ion Ratio Lower Upper
 162 100
 127 40.2 33.1 49.7
 164 33.4 26.2 39.4

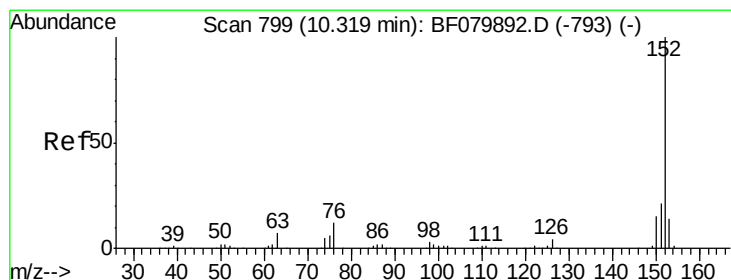
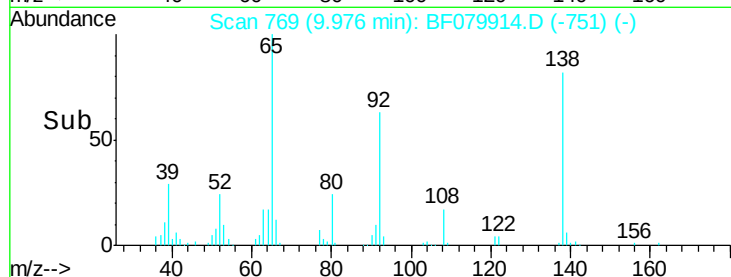
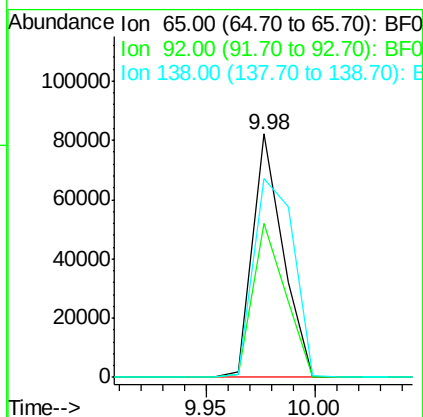
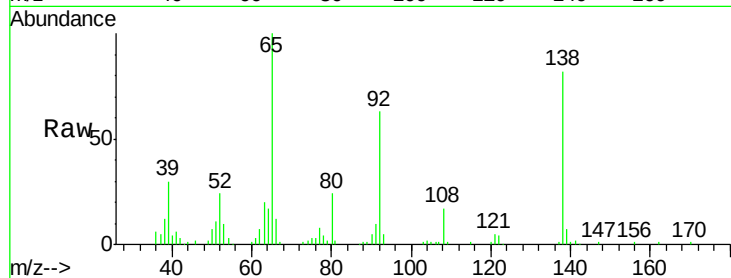




#47
 2-Nitroaniline
 Concen: 41.71 ng
 RT: 9.98 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

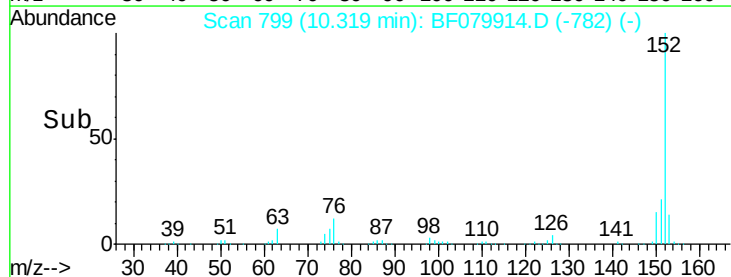
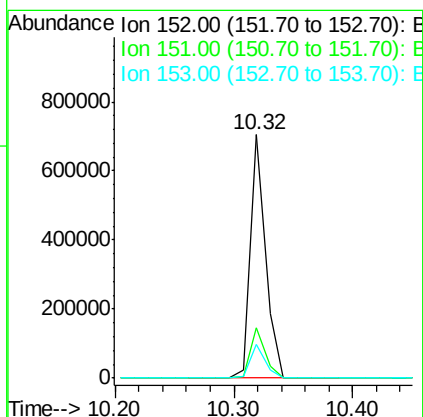
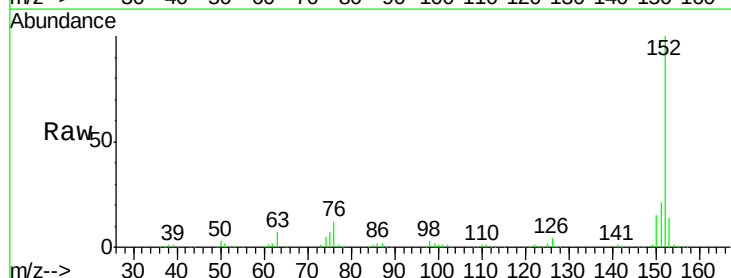
Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

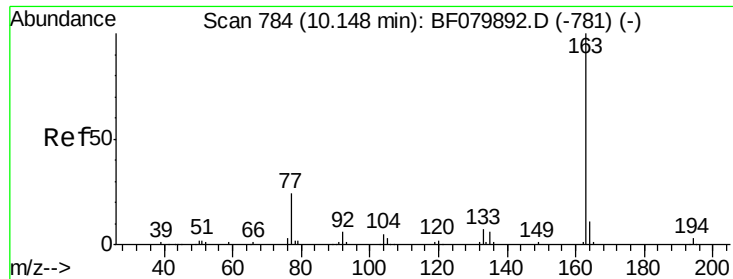
Tgt Ion: 65 Resp: 79575
 Ion Ratio Lower Upper
 65 100
 92 63.3 51.1 76.7
 138 81.8 62.0 93.0



#48
 Acenaphthylene
 Concen: 41.44 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion: 152 Resp: 630798
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.9 10.8 16.2

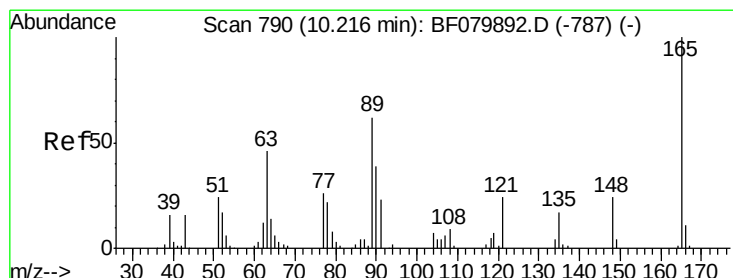
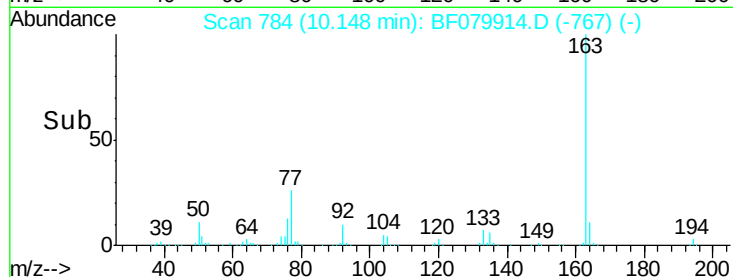
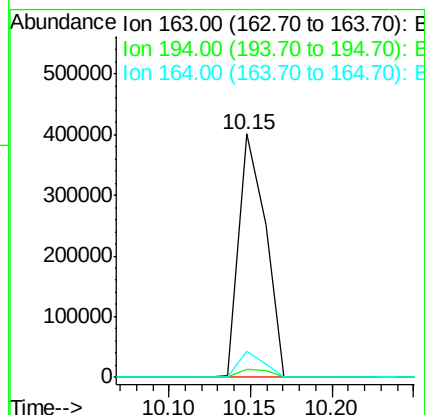
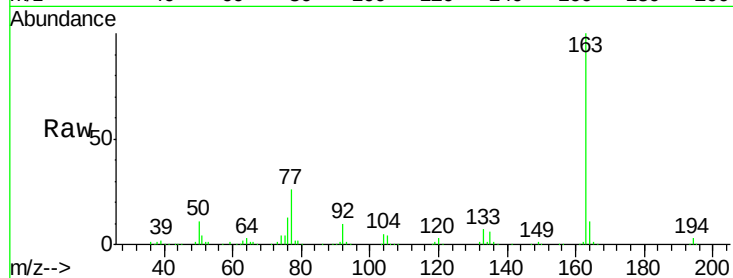




#49
Dimethylphthalate
Concen: 43.07 ng
RT: 10.15 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

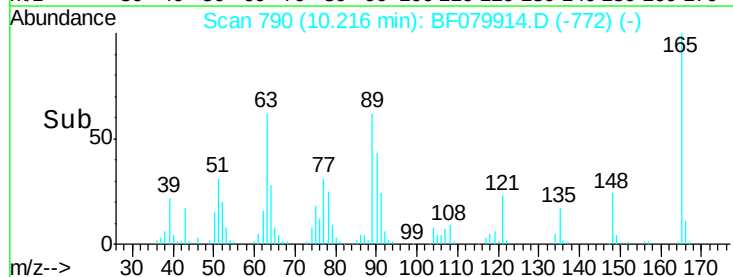
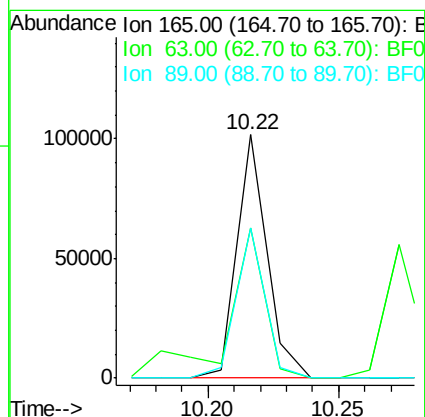
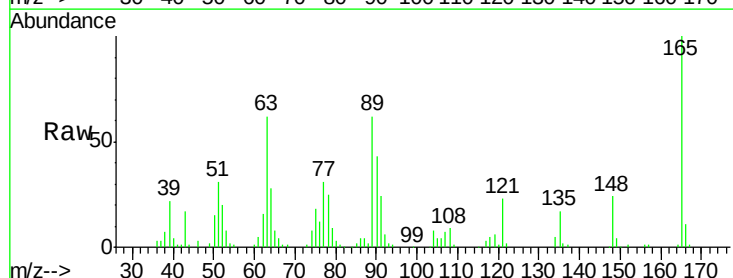
Instrument :
BNA_F
ClientSampleId :
FM1BMSD

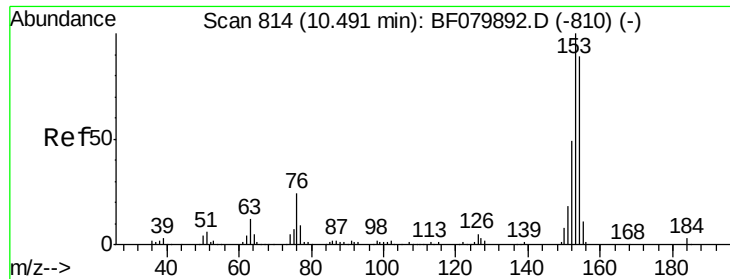
Tgt Ion:163 Resp: 451577
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.8 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 43.26 ng
RT: 10.22 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion:165 Resp: 82264
Ion Ratio Lower Upper
165 100
63 61.9 46.4 69.6
89 61.9 49.6 74.4





#51

Acenaphthene

Concen: 42.57 ng

RT: 10.49 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

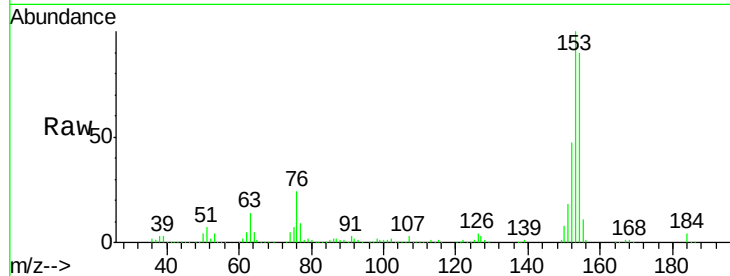
Tgt Ion:154 Resp: 368277

Ion Ratio Lower Upper

154 100

153 110.7 90.0 135.0

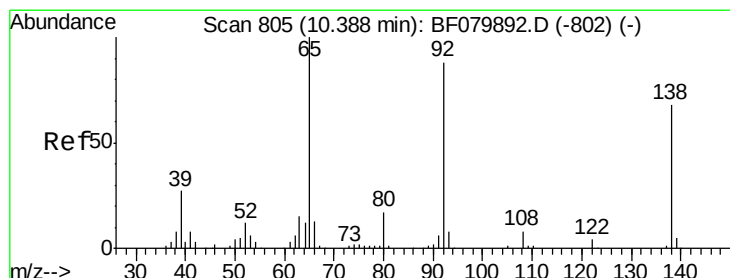
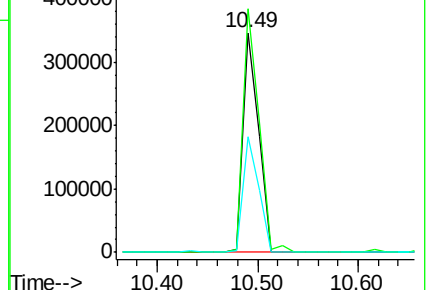
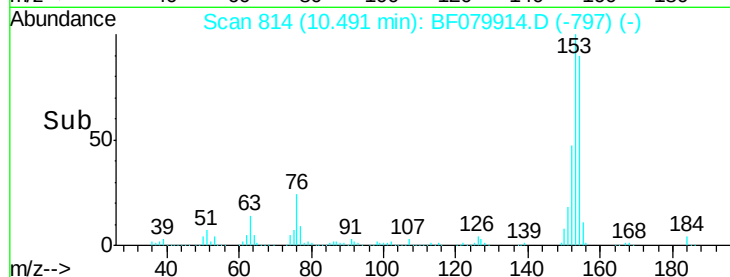
152 52.5 43.7 65.5



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: 25.99 ng

RT: 10.39 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

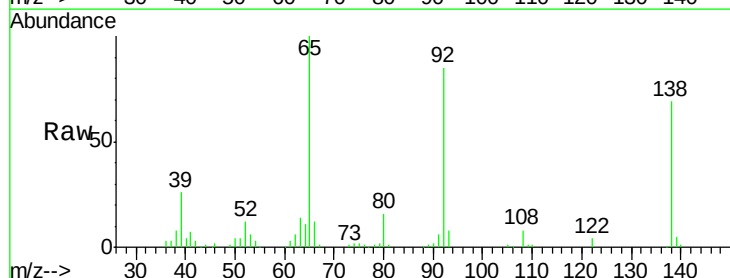
Tgt Ion:138 Resp: 57260

Ion Ratio Lower Upper

138 100

108 11.3 9.0 13.6

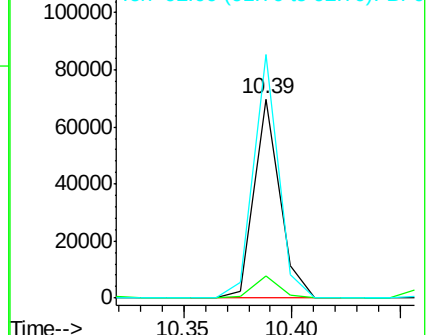
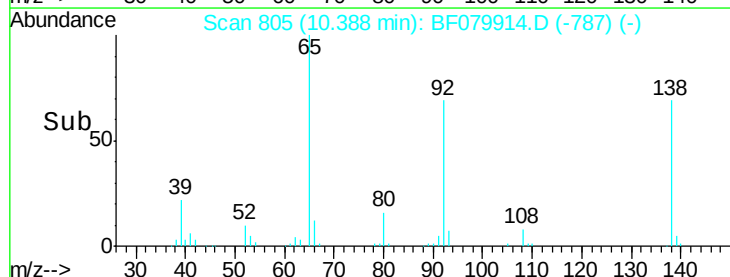
92 122.4 103.1 154.7

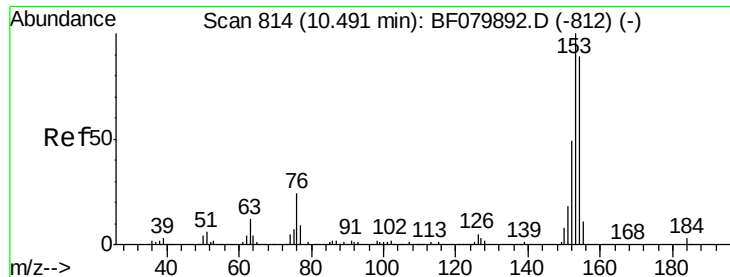


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 65.09 ng

RT: 10.49 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

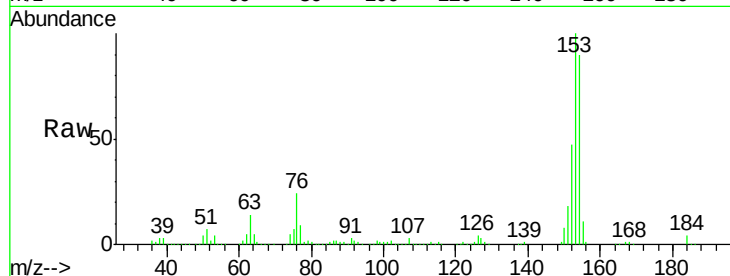
Tgt Ion:184 Resp: 21970

Ion Ratio Lower Upper

184 100

63 321.7 357.0 535.4#

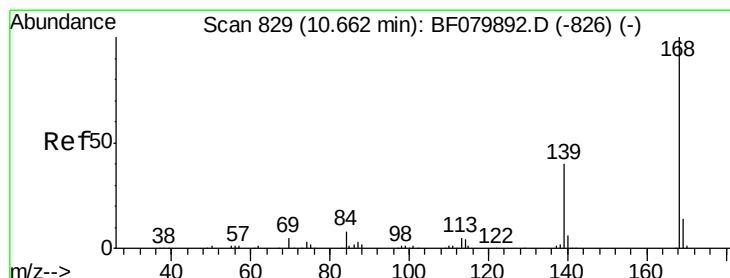
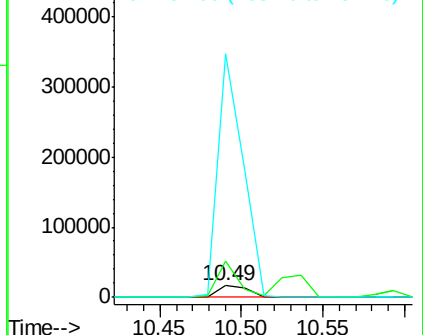
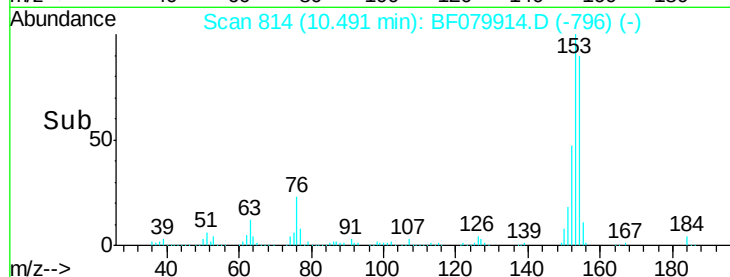
154 2126.9 2660.2 3990.4#



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: 48.30 ng

RT: 10.66 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

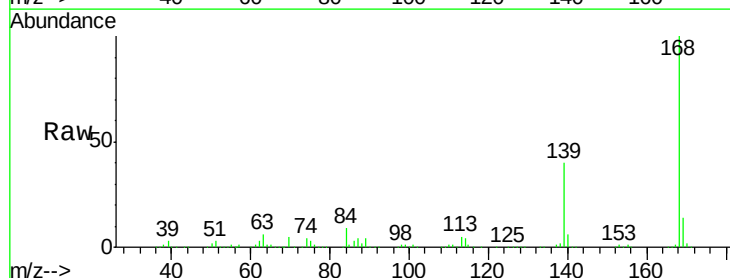
Tgt Ion:168 Resp: 610525

Ion Ratio Lower Upper

168 100

139 40.3 32.2 48.2

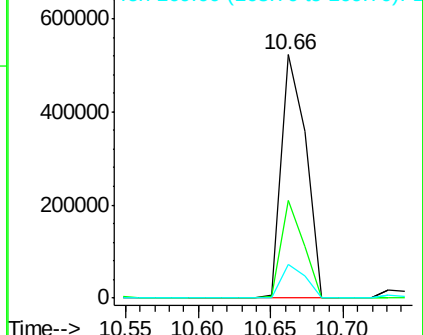
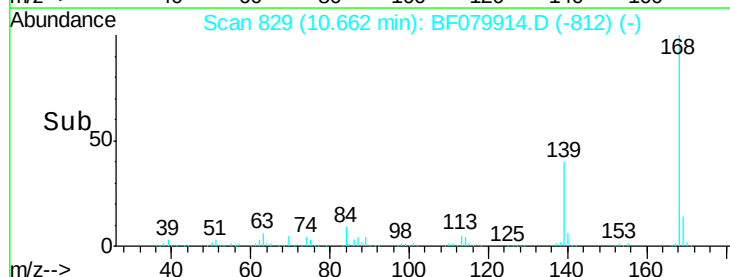
169 13.8 11.0 16.6

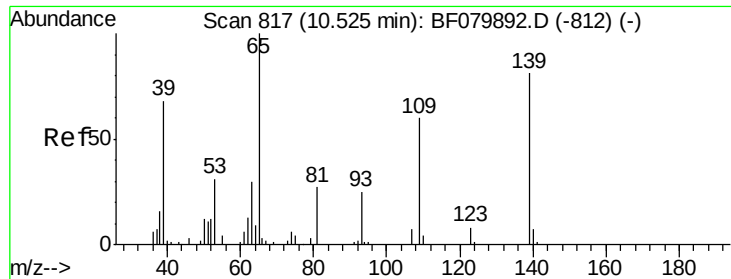


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

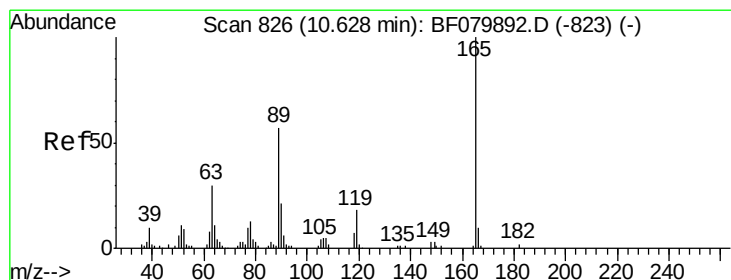
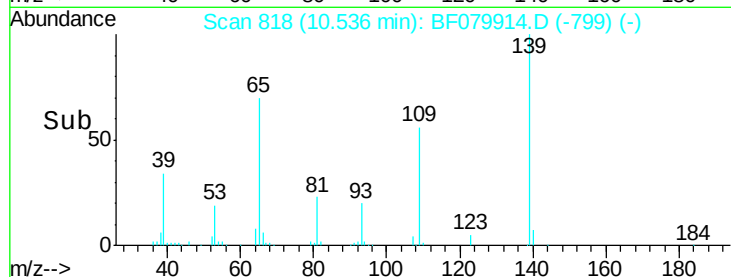
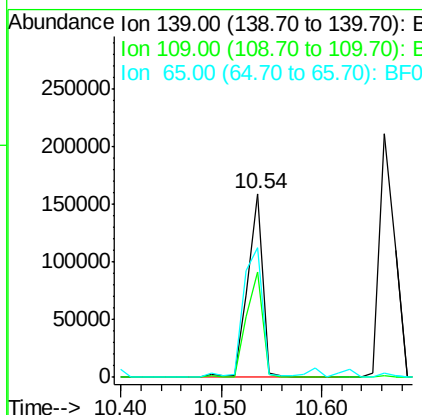
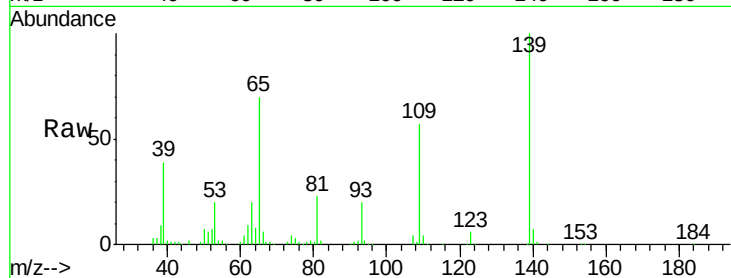




#55
4-Nitrophenol
Concen: 99.08 ng
RT: 10.54 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

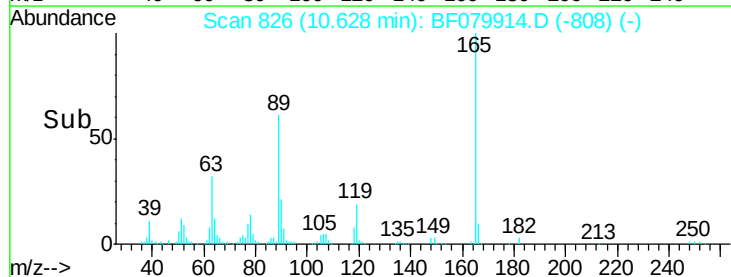
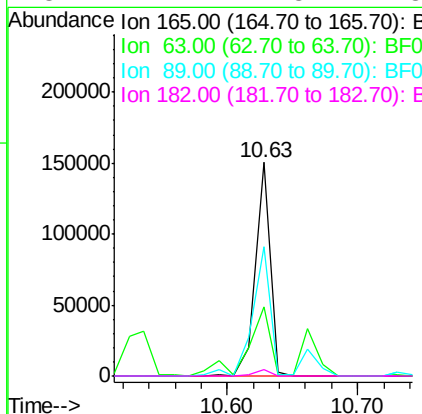
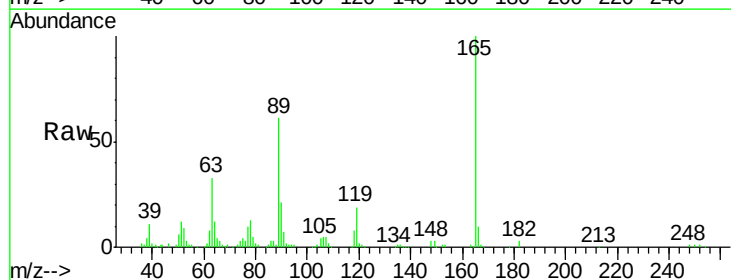
Instrument :
BNA_F
ClientSampleId :
FM1BMSD

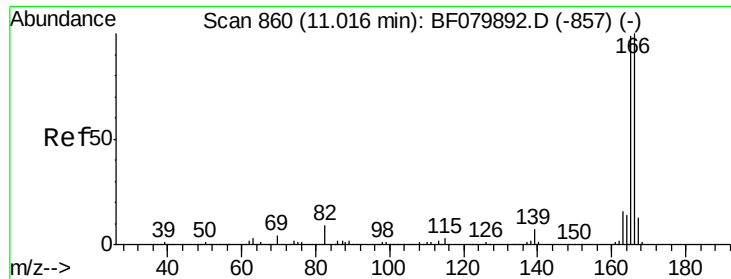
Tgt Ion:139 Resp: 166850
Ion Ratio Lower Upper
139 100
109 57.4 54.8 94.8
65 70.4 104.8 144.8#



#56
2,4-Dinitrotoluene
Concen: 47.40 ng
RT: 10.63 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion:165 Resp: 120190
Ion Ratio Lower Upper
165 100
63 32.6 24.3 36.5
89 60.7 45.4 68.2
182 2.7 1.8 2.8





#57

Fluorene

Concen: 50.27 ng

RT: 11.02 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

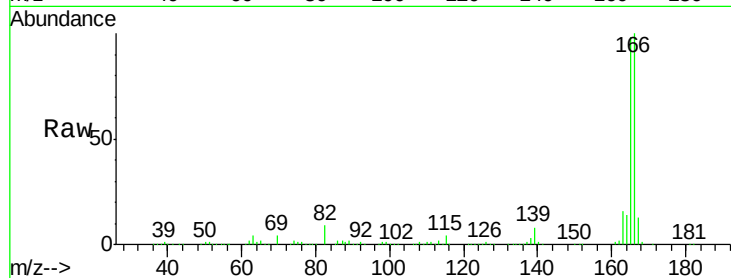
Tgt Ion:166 Resp: 553846

Ion Ratio Lower Upper

166 100

165 98.1 79.0 118.6

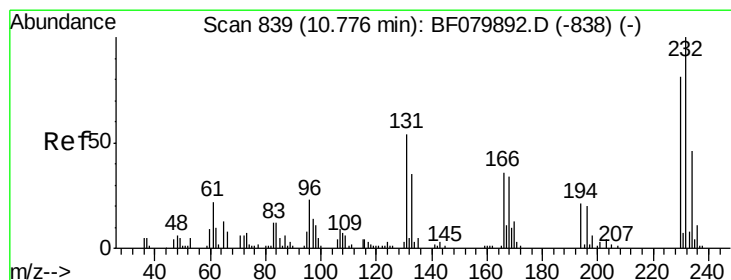
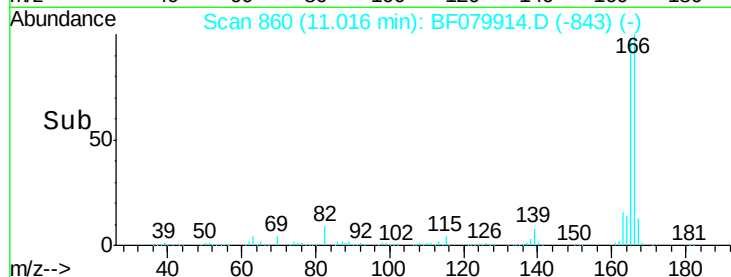
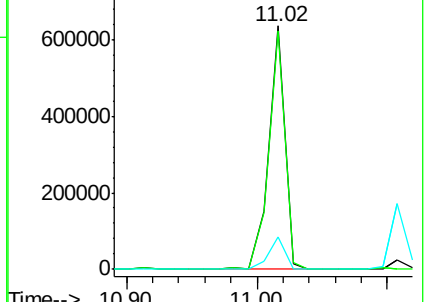
167 13.3 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.21 ng

RT: 10.78 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion:232 Resp: 104392

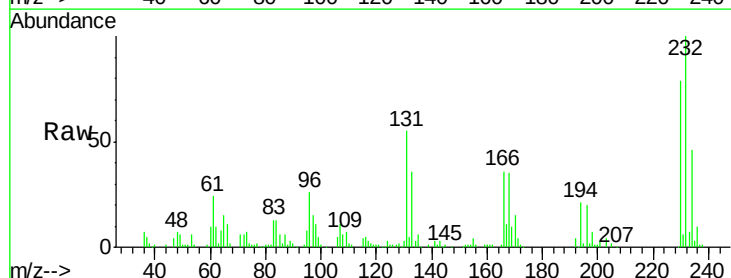
Ion Ratio Lower Upper

232 100

131 44.8 35.4 53.2

130 2.2 1.5 2.3

166 30.4 24.1 36.1

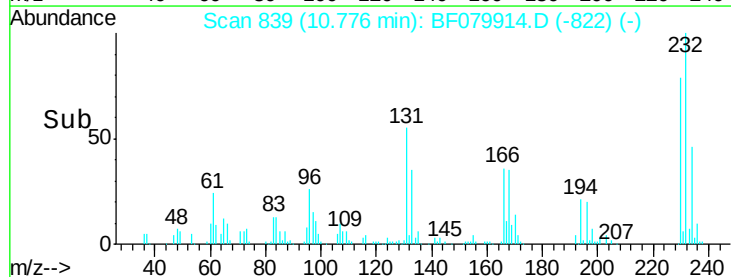
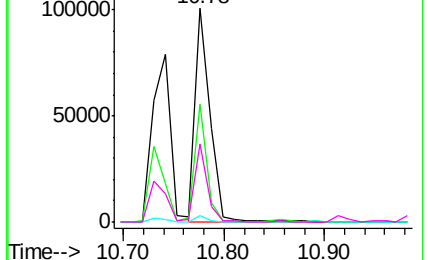


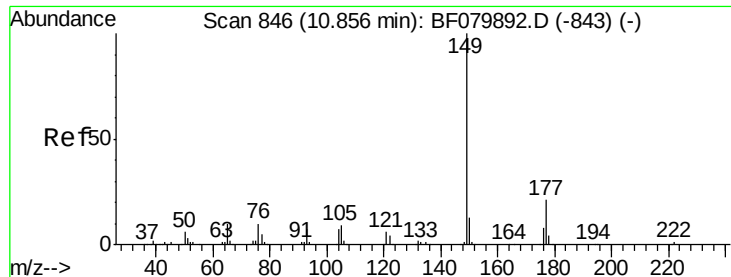
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

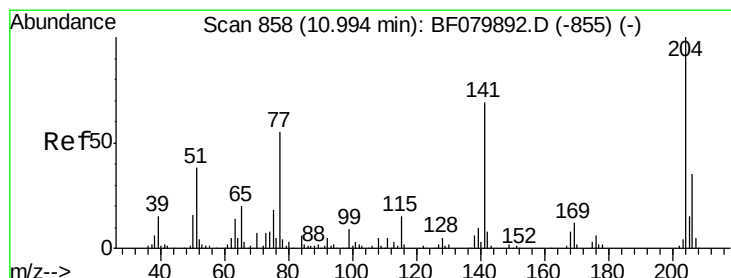
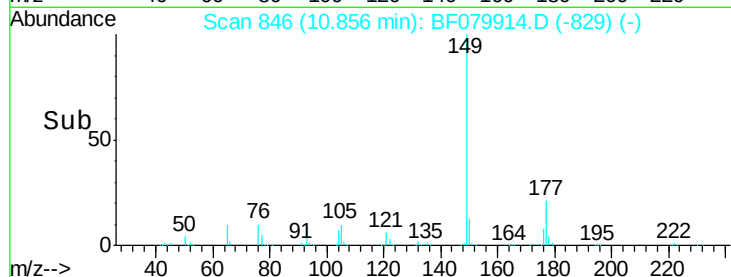
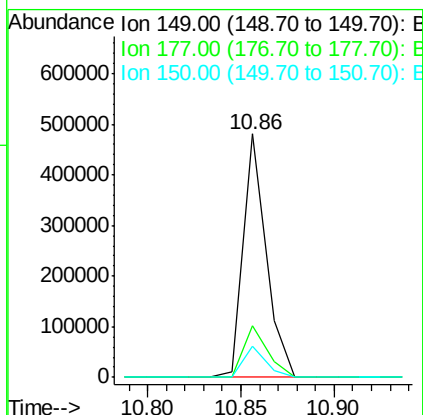
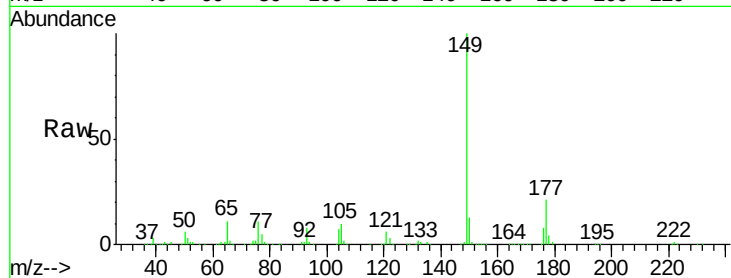




#59
Diethylphthalate
Concen: 39.66 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

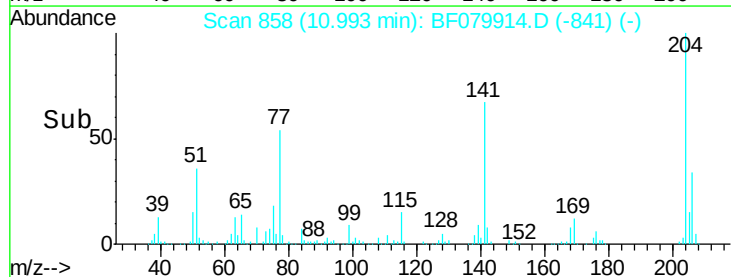
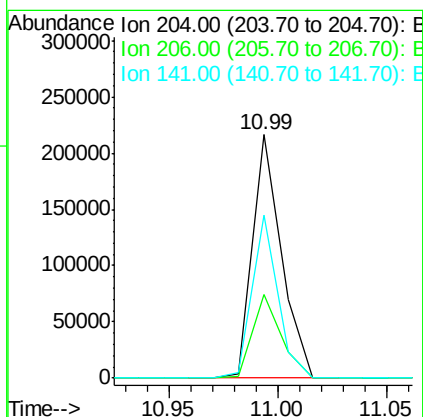
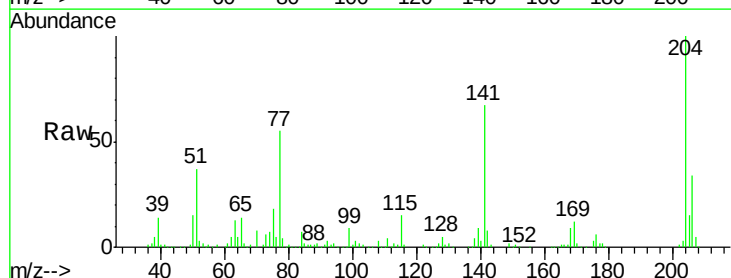
Instrument :
BNA_F
ClientSampleId :
FM1BMSD

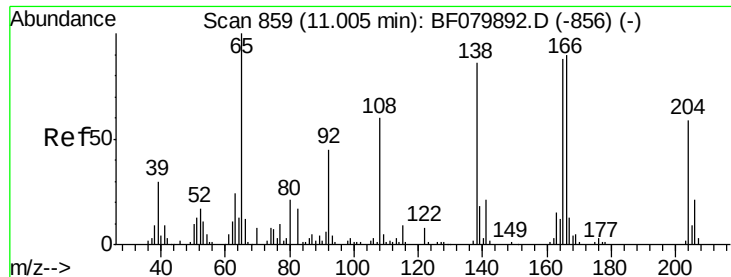
Tgt Ion:149 Resp: 415723
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 13.0 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 40.48 ng
RT: 10.99 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion:204 Resp: 199146
Ion Ratio Lower Upper
204 100
206 34.4 28.0 42.0
141 67.1 55.3 82.9

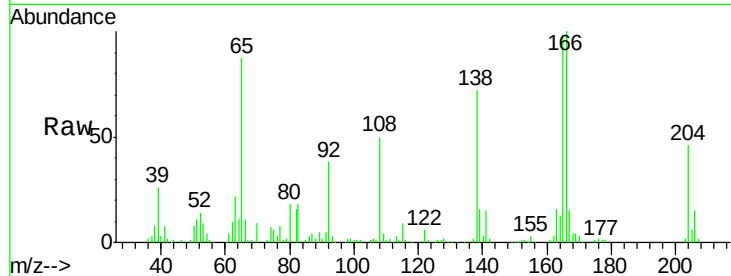




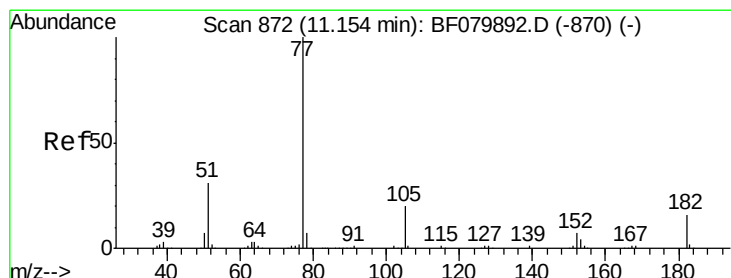
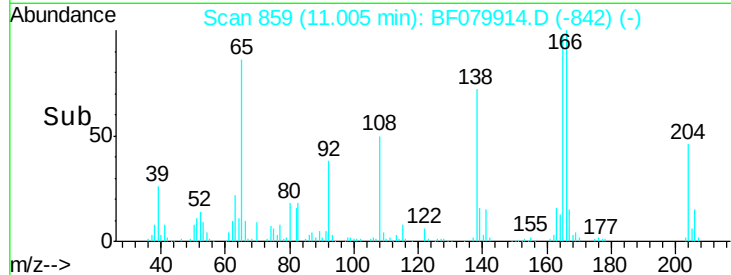
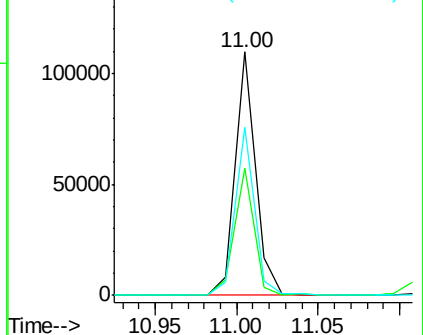
#61
4-Nitroaniline
Concen: 38.67 ng
RT: 11.00 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

Tgt Ion: 138 Resp: 92876
Ion Ratio Lower Upper
138 100
92 52.3 32.9 72.9
108 69.1 50.4 90.4

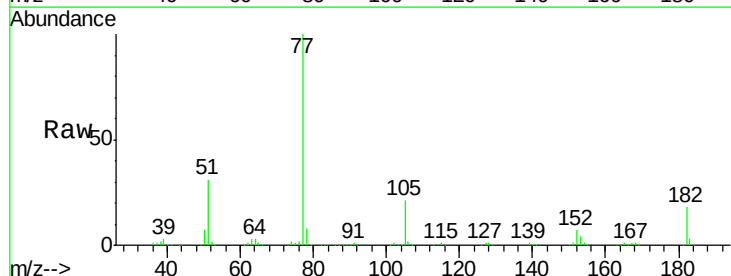


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

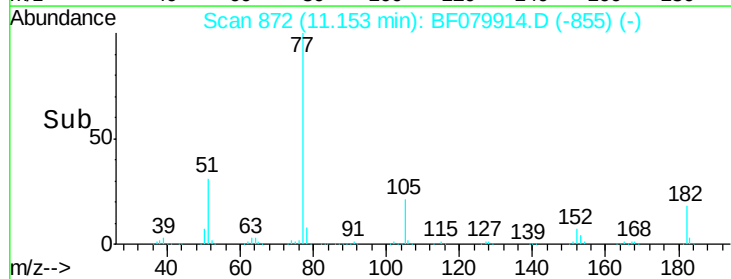
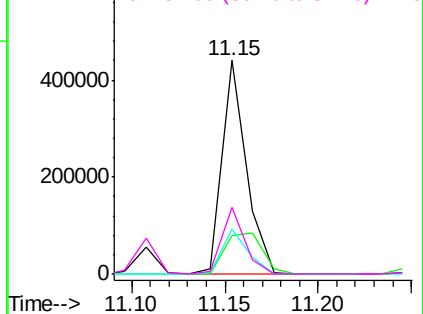


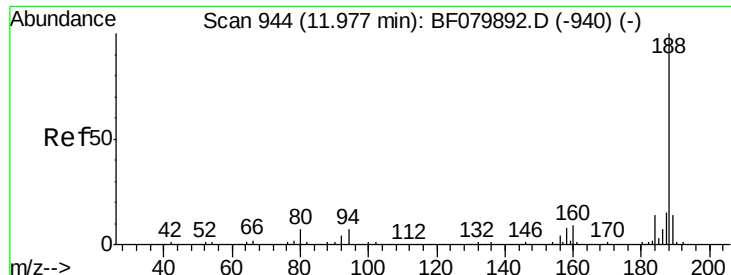
#62
Azobenzene
Concen: 39.75 ng
RT: 11.15 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion: 77 Resp: 400928
Ion Ratio Lower Upper
77 100
182 18.0 0.0 35.9
105 21.1 0.1 40.1
51 31.2 11.5 51.5



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

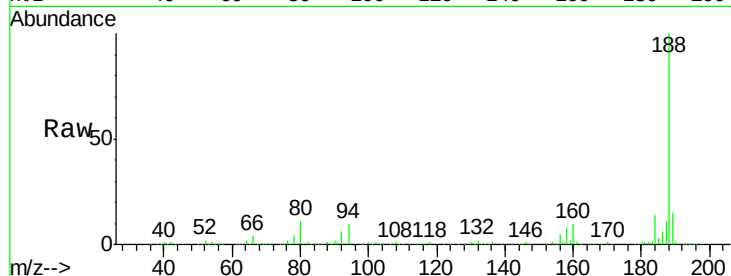




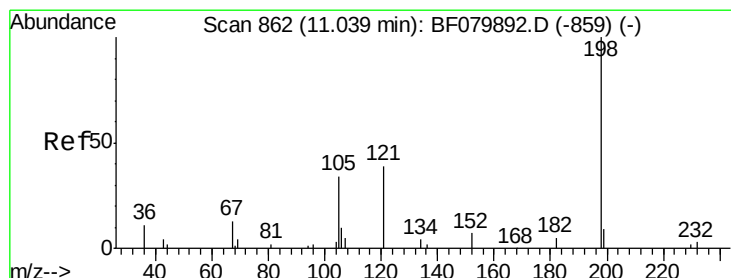
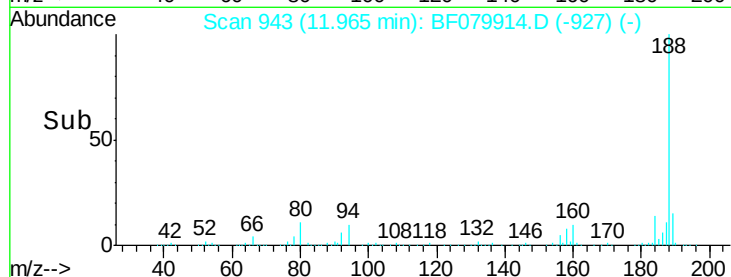
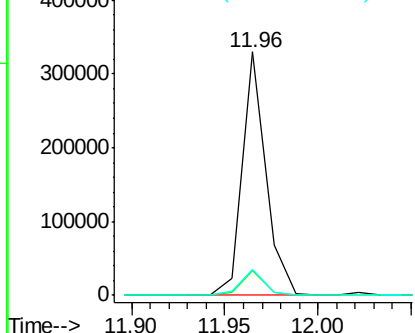
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.96 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tgt Ion:188 Resp: 291170
 Ion Ratio Lower Upper
 188 100
 94 10.0 5.8 8.8#
 80 10.8 5.9 8.9#

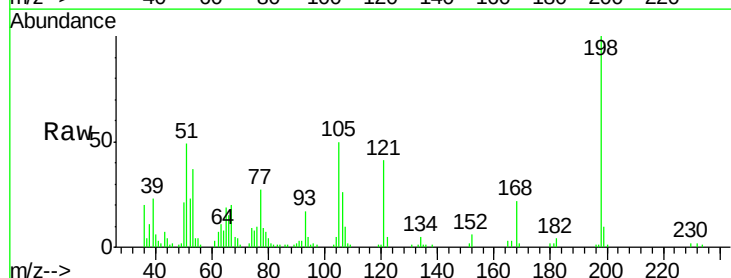


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

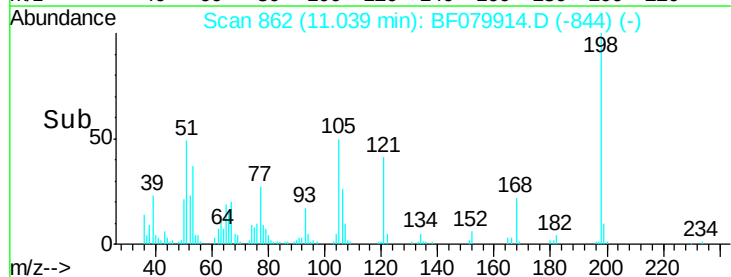
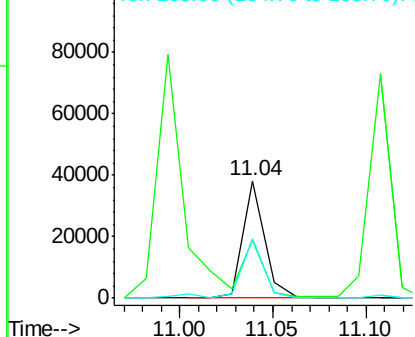


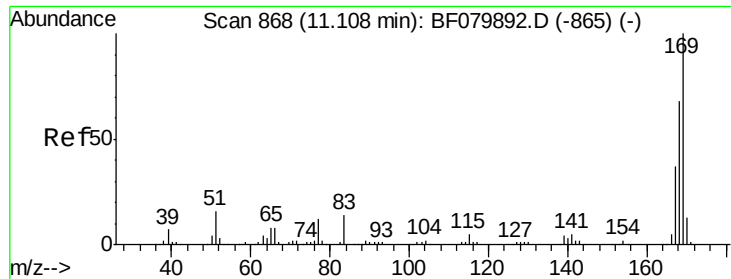
#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.01 ng
 RT: 11.04 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion:198 Resp: 30779
 Ion Ratio Lower Upper
 198 100
 51 49.1 22.1 62.1
 105 50.1 22.7 62.7



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

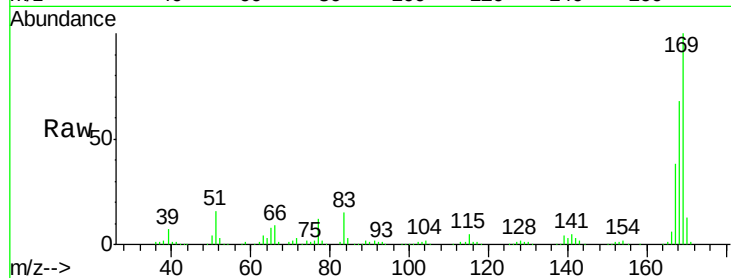




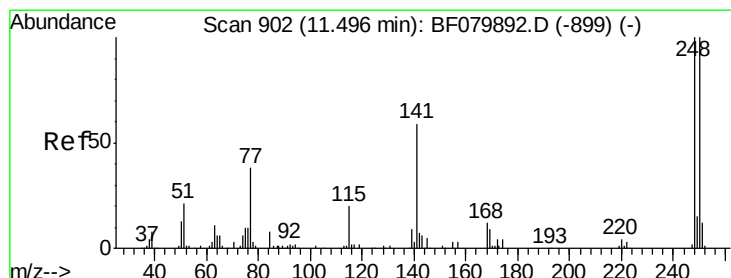
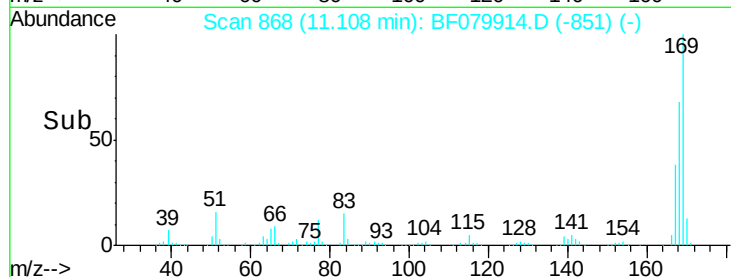
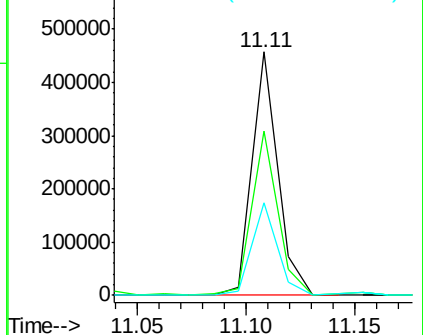
#65
 n-Nitrosodiphenylamine
 Concen: 39.85 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tgt Ion:169 Resp: 374584
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.2 81.4
 167 37.9 29.7 44.5

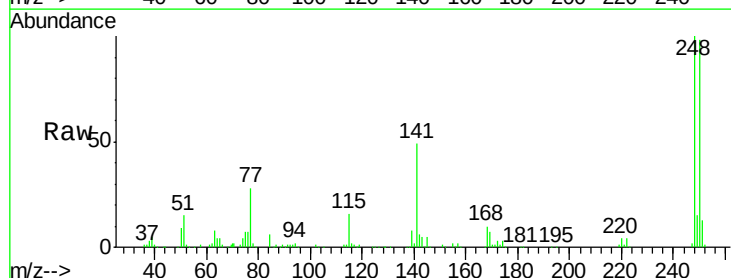


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

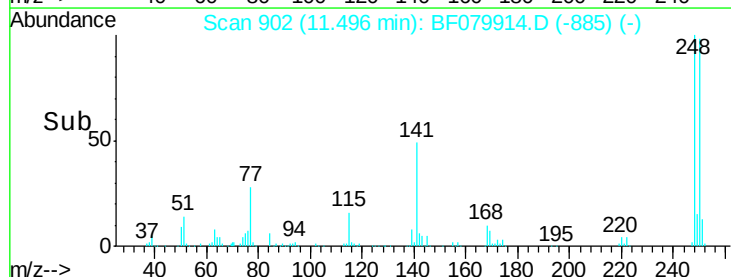
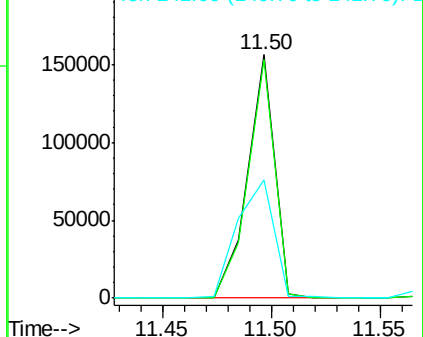


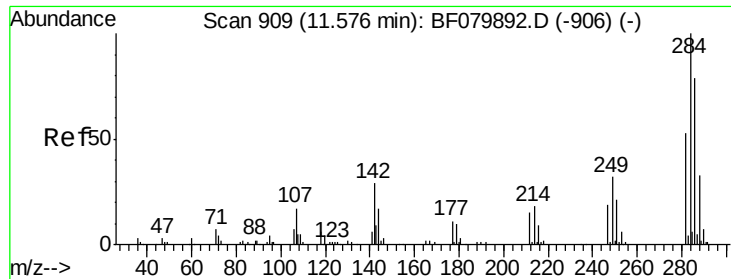
#66
 4-Bromophenyl-phenylether
 Concen: 41.27 ng
 RT: 11.50 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion:248 Resp: 134645
 Ion Ratio Lower Upper
 248 100
 250 98.0 80.2 120.2
 141 48.5 46.9 70.3



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: 41.38 ng

RT: 11.58 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

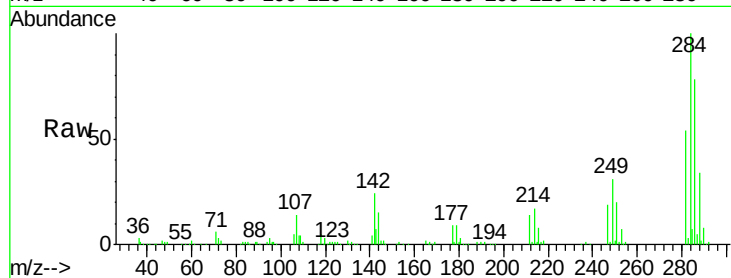
Tgt Ion:284 Resp: 147302

Ion Ratio Lower Upper

284 100

142 24.2 23.5 35.3

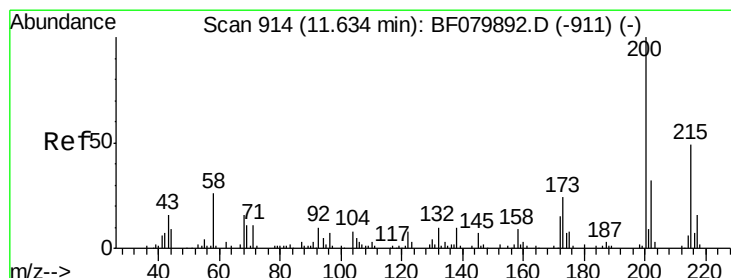
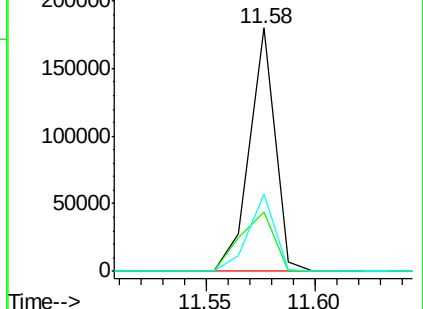
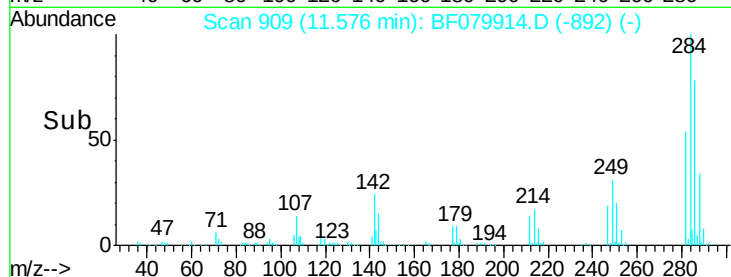
249 31.5 25.3 37.9



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: 42.29 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

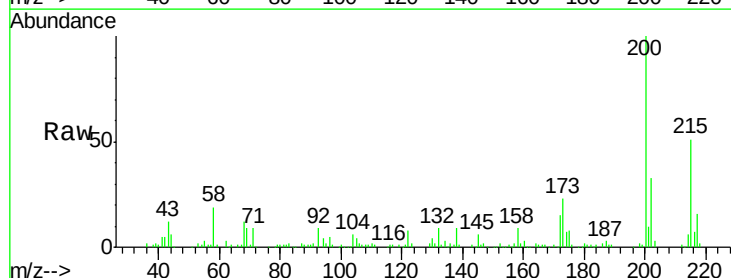
Tgt Ion:200 Resp: 122332

Ion Ratio Lower Upper

200 100

173 23.3 4.1 44.1

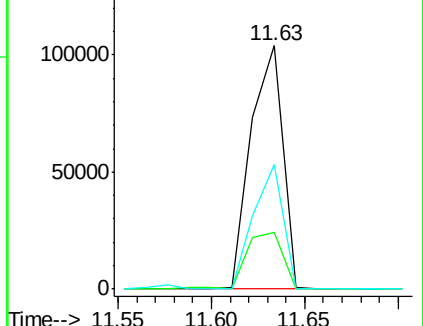
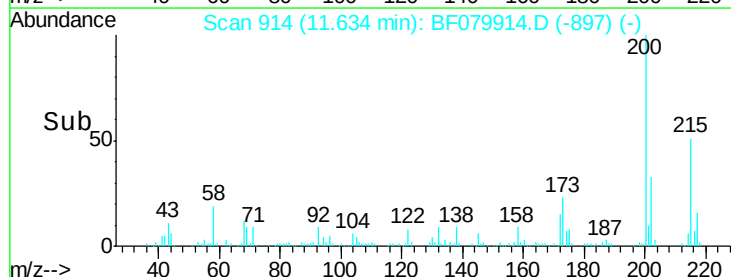
215 51.0 29.2 69.2

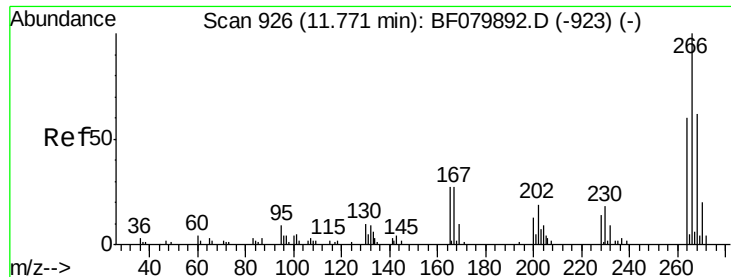


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

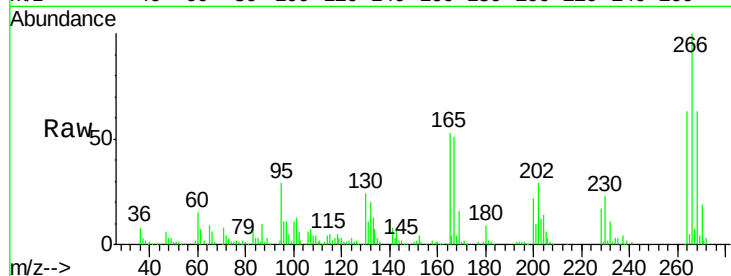




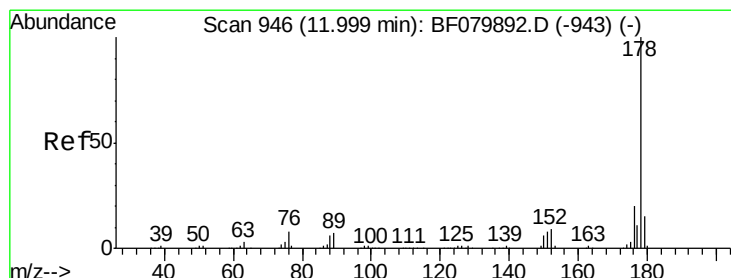
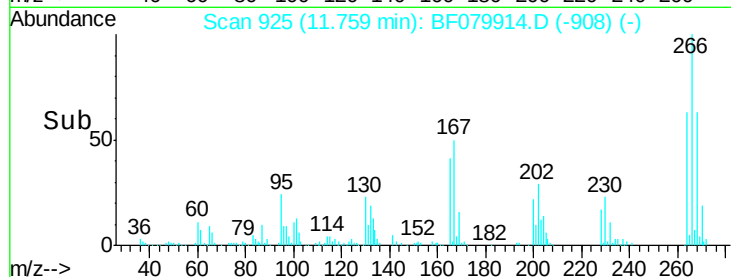
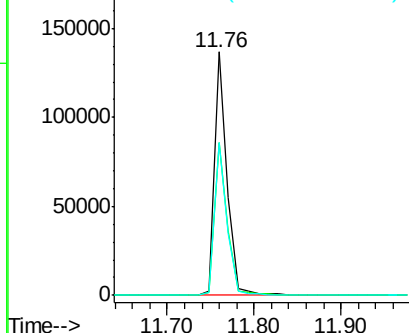
#69
 Pentachlorophenol
 Concen: 83.62 ng
 RT: 11.76 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tgt Ion:266 Resp: 140209
 Ion Ratio Lower Upper
 266 100
 268 62.5 49.4 74.2
 264 62.8 47.7 71.5

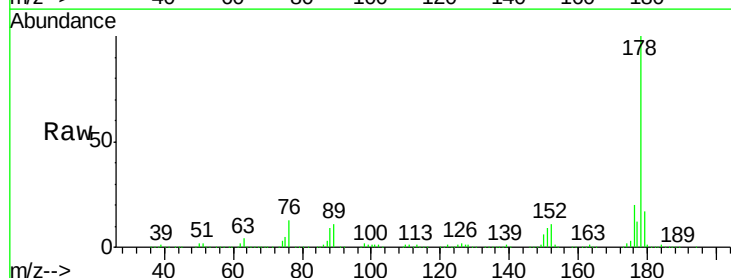


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

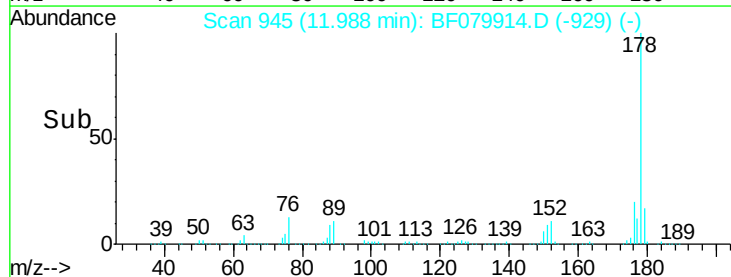
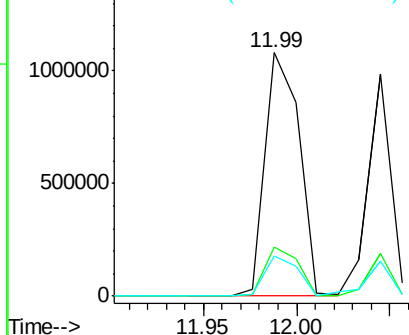


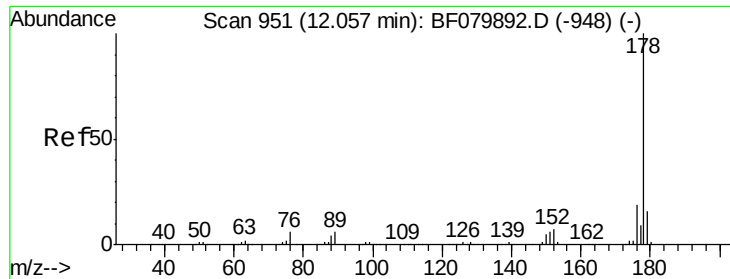
#70
 Phenanthrene
 Concen: 78.91 ng
 RT: 11.99 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion:178 Resp: 1369273
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.9 23.9
 179 16.6 12.3 18.5



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

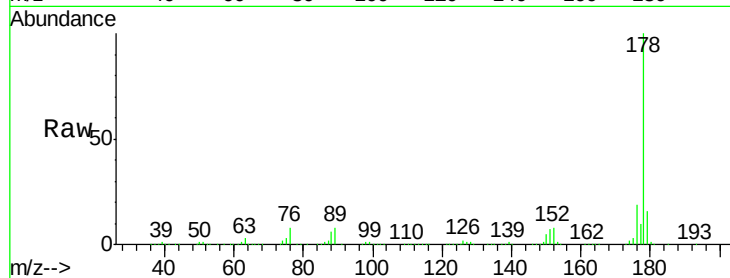




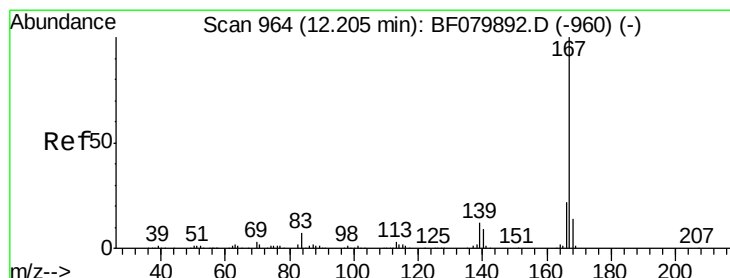
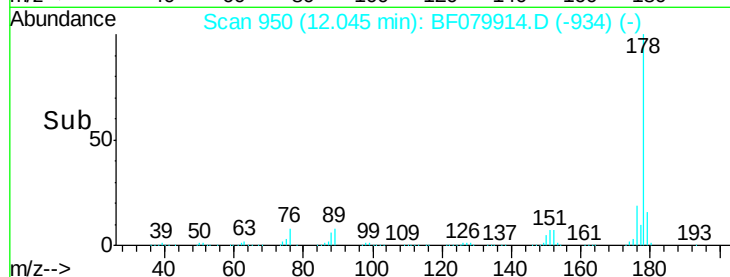
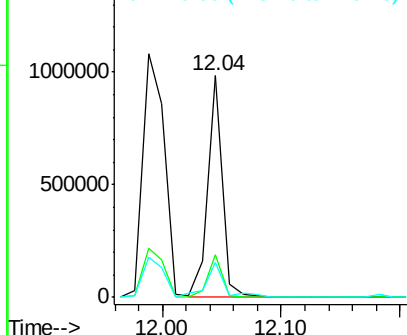
#71
 Anthracene
 Concen: 49.76 ng
 RT: 12.04 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tgt Ion:178 Resp: 835662
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.2 22.8
 179 16.0 12.5 18.7

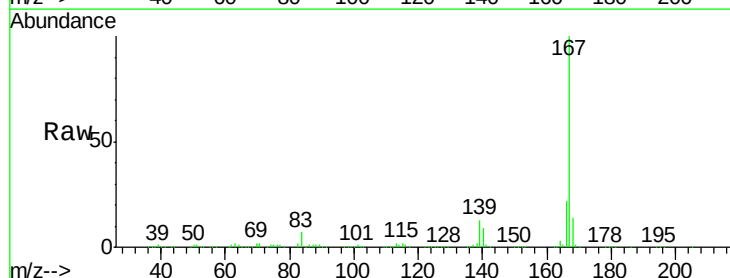


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

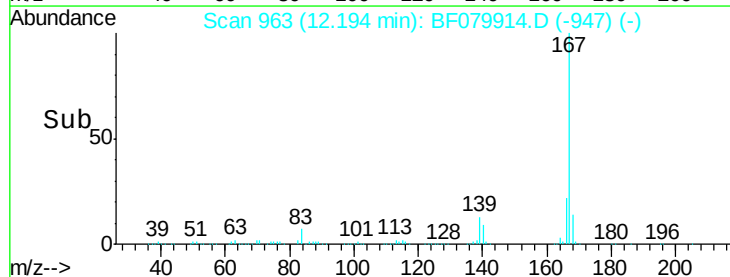
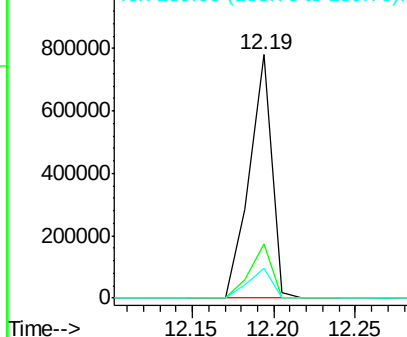


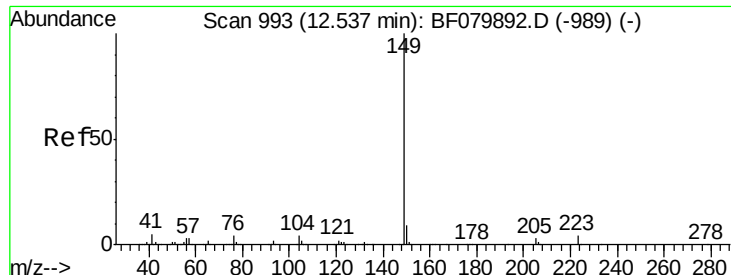
#72
 Carbazole
 Concen: 45.83 ng
 RT: 12.19 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion:167 Resp: 746438
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.2
 139 12.5 9.5 14.3



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

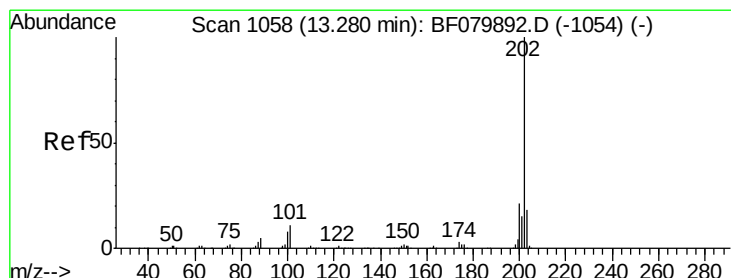
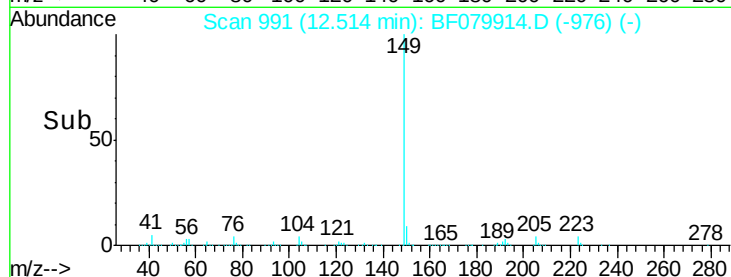
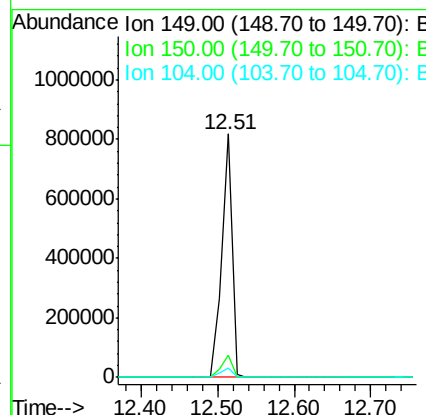
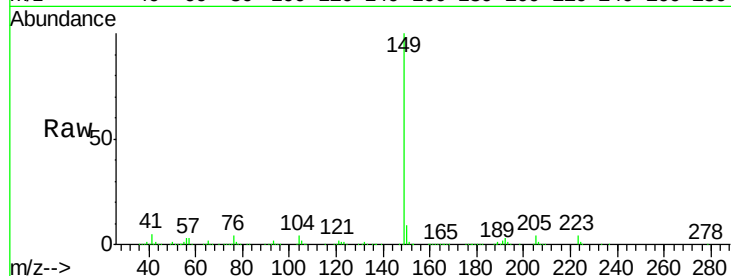




#73
Di-n-butylphthalate
Concen: 42.79 ng
RT: 12.51 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

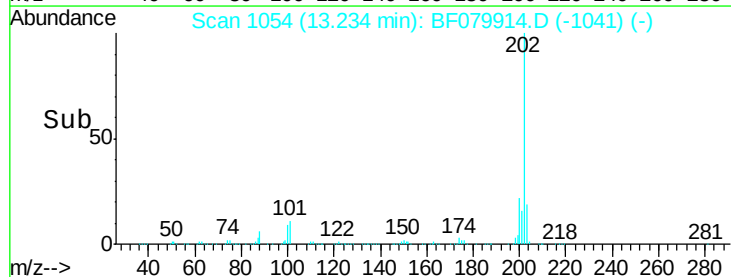
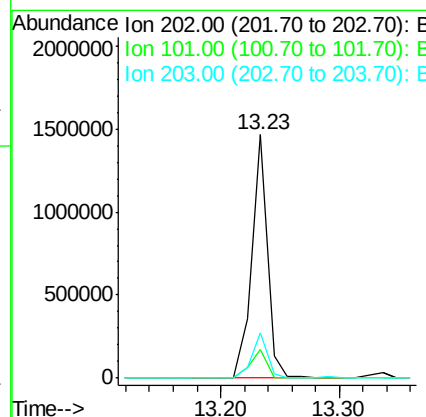
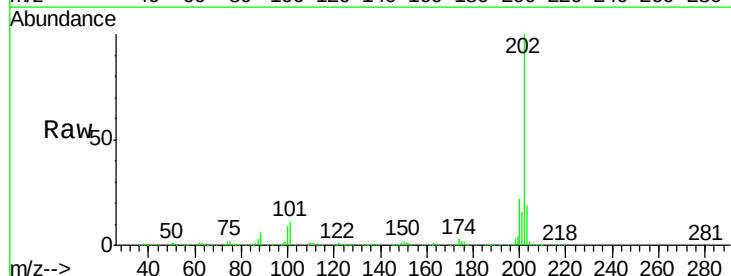
Instrument :
BNA_F
ClientSampleId :
FM1BMSD

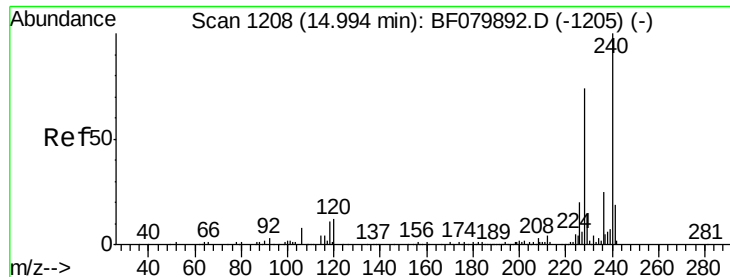
Tgt Ion:149 Resp: 759281
Ion Ratio Lower Upper
149 100
150 9.4 7.2 10.8
104 4.0 3.3 4.9



#74
Fluoranthene
Concen: 71.36 ng
RT: 13.23 min Scan# 1054
Delta R.T. -0.05 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion:202 Resp: 1369033
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.7
203 18.8 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.87 min Scan# 1197

Delta R.T. -0.13 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

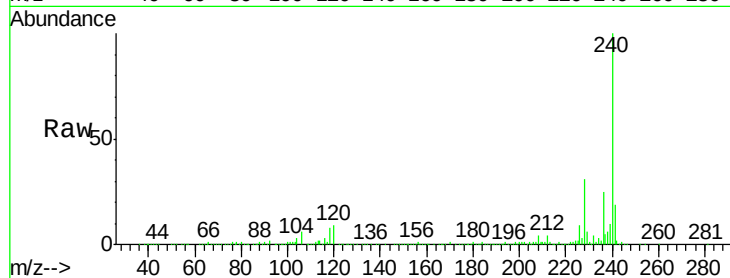
Tgt Ion:240 Resp: 328751

Ion Ratio Lower Upper

240 100

120 9.0 9.4 14.2#

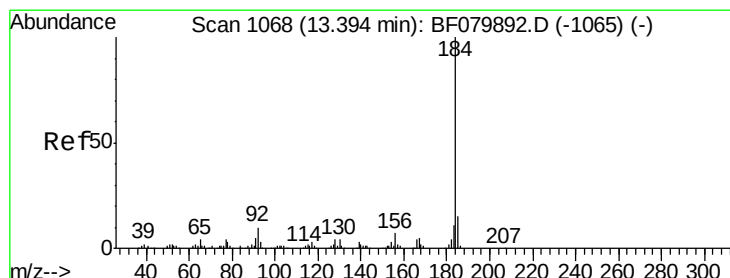
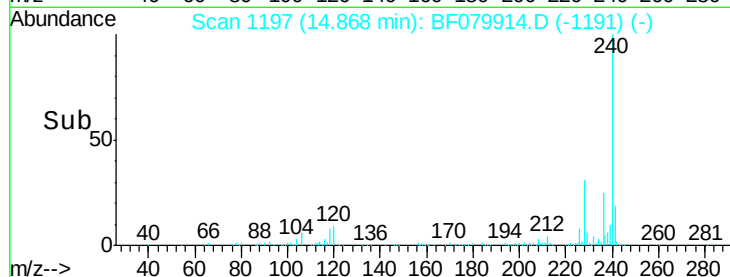
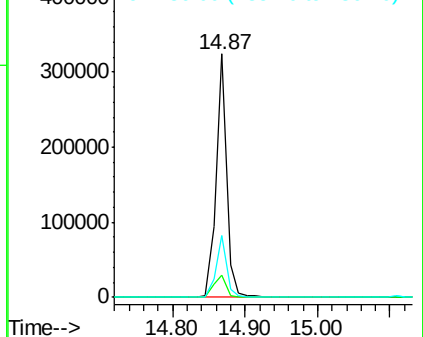
236 25.4 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.78 ng

RT: 13.35 min Scan# 1064

Delta R.T. -0.05 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

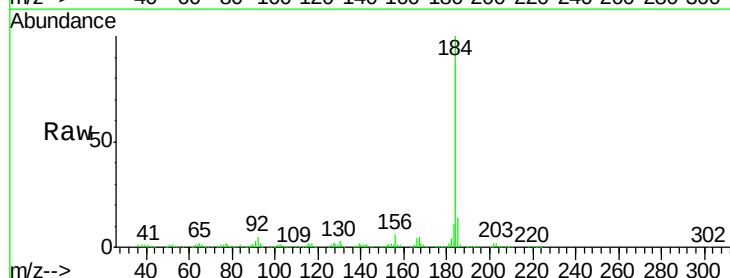
Tgt Ion:184 Resp: 353057

Ion Ratio Lower Upper

184 100

185 13.7 11.8 17.6

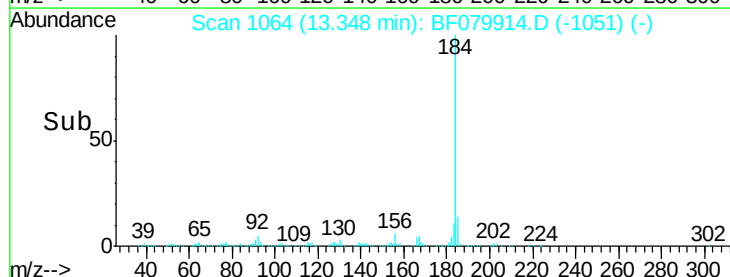
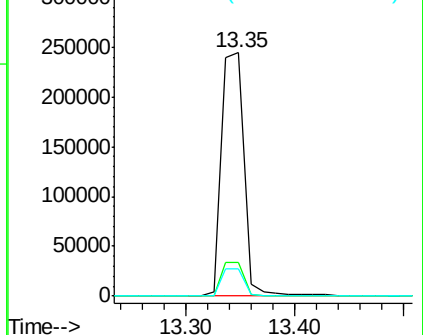
183 11.4 9.0 13.6

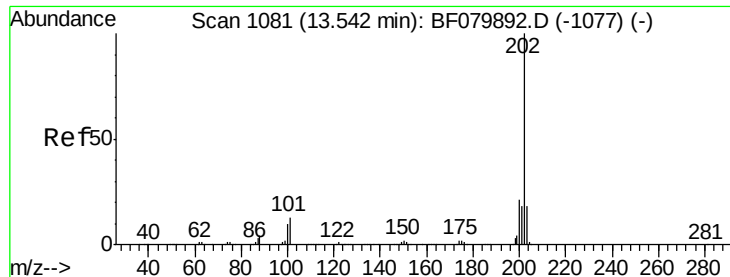


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 62.22 ng

RT: 13.49 min Scan# 1076

Delta R.T. -0.06 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

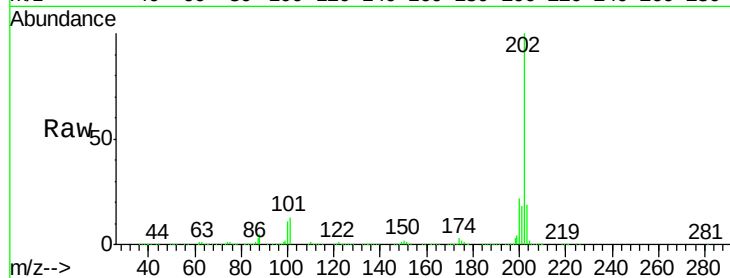
Tgt Ion:202 Resp: 1284676

Ion Ratio Lower Upper

202 100

200 22.5 16.8 25.2

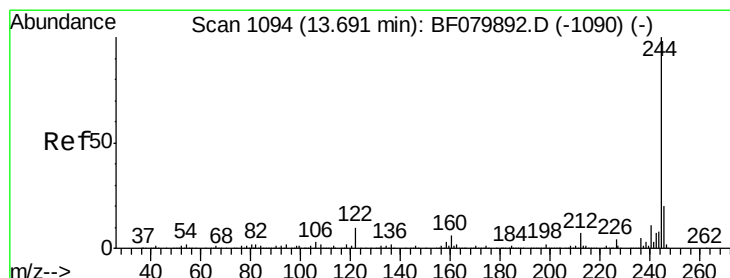
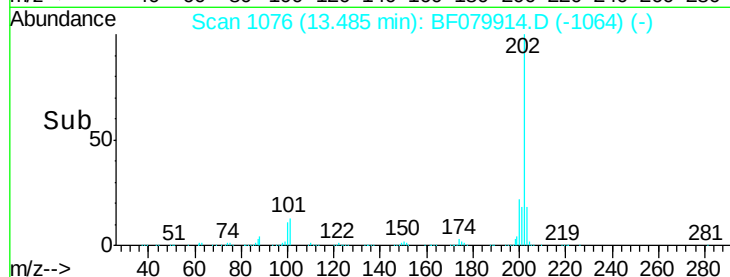
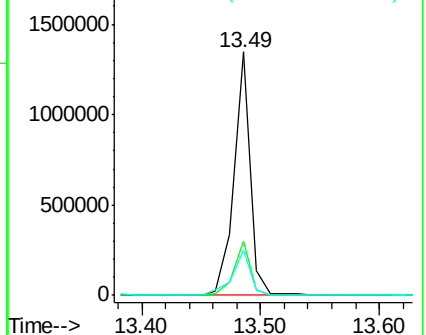
203 18.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.58 ng

RT: 13.62 min Scan# 1088

Delta R.T. -0.07 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

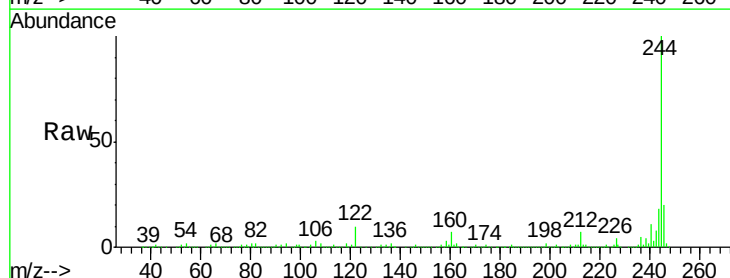
Tgt Ion:244 Resp: 906567

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

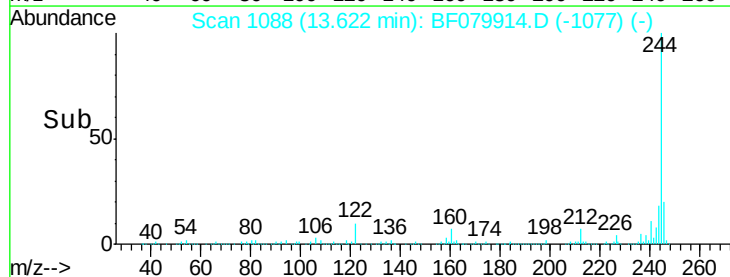
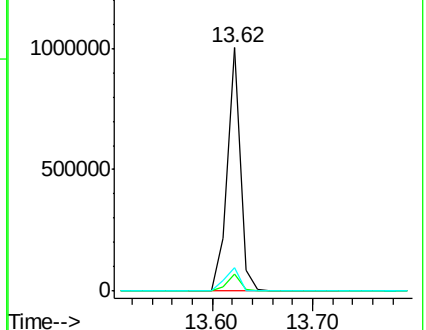
122 9.8 7.8 11.8

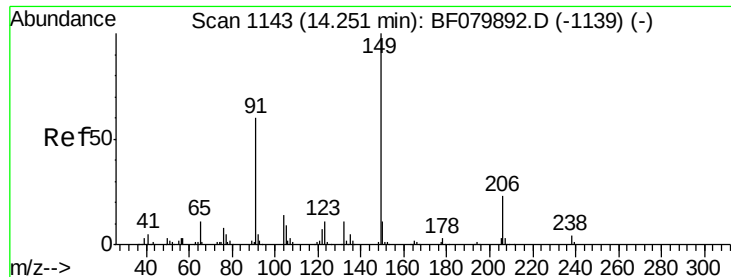


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

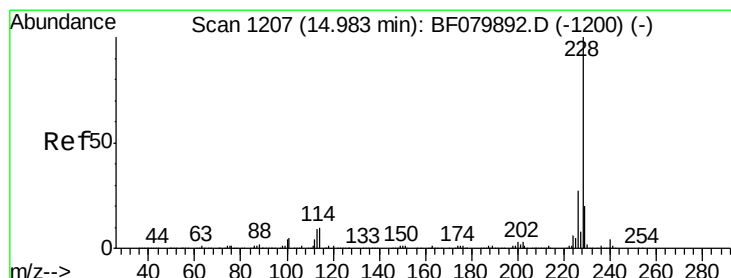
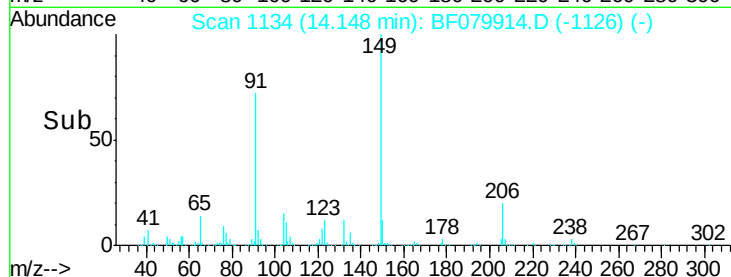
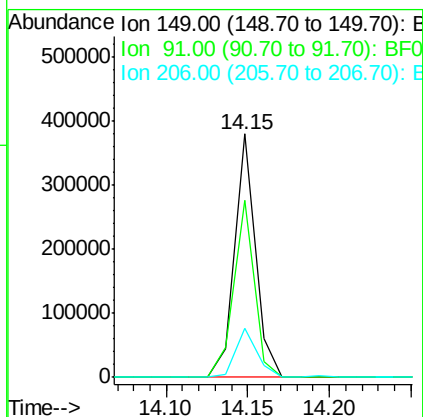
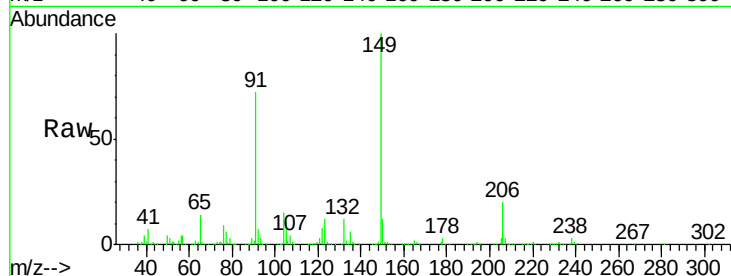




#79
Butylbenzylphthalate
Concen: 48.04 ng
RT: 14.15 min Scan# 1134
Delta R.T. -0.10 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

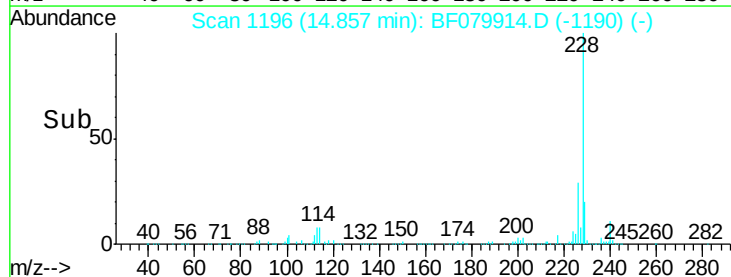
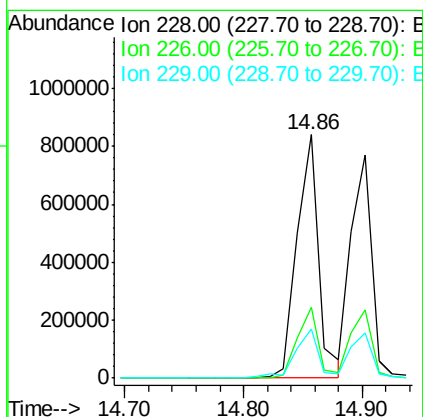
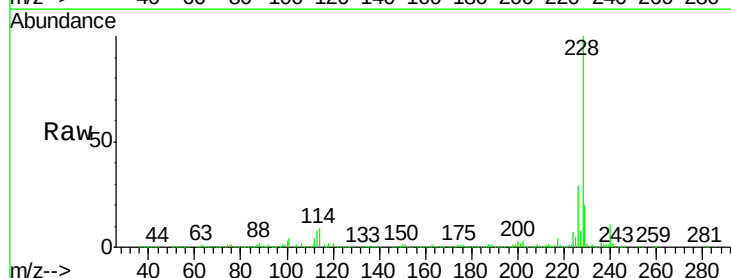
Instrument :
BNA_F
ClientSampleId :
FM1BMSD

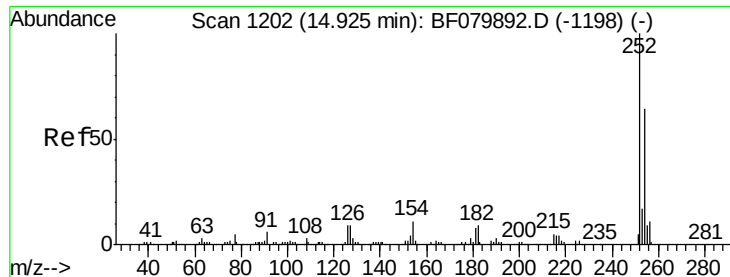
Tgt Ion:149 Resp: 334970
Ion Ratio Lower Upper
149 100
91 72.5 48.1 72.1#
206 20.1 18.6 27.8



#80
Benzo(a)anthracene
Concen: 50.71 ng
RT: 14.86 min Scan# 1196
Delta R.T. -0.13 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion:228 Resp: 1058515
Ion Ratio Lower Upper
228 100
226 29.0 21.8 32.8
229 20.2 15.9 23.9

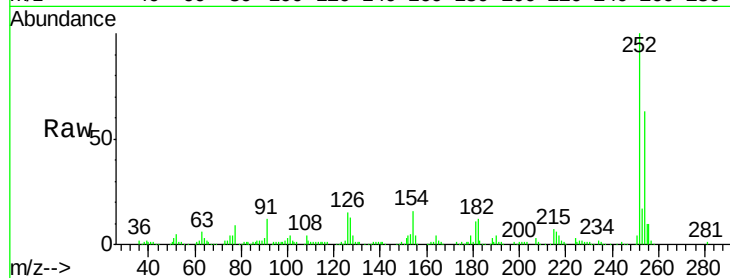




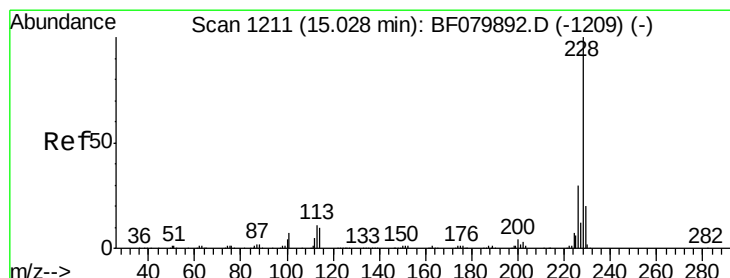
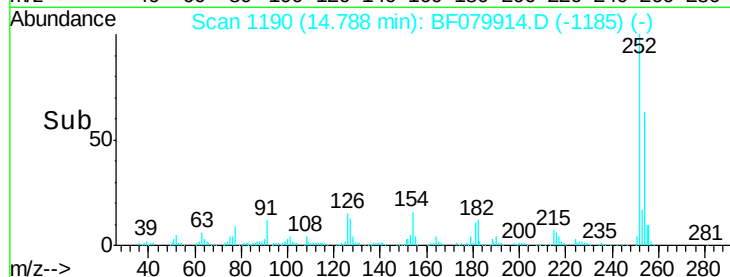
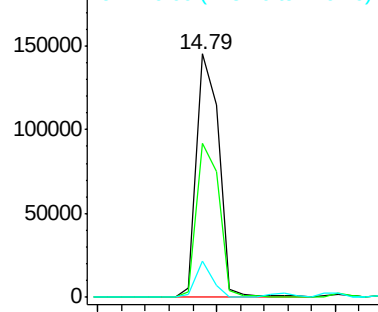
#81
 3,3'-Dichlorobenzidine
 Concen: 28.51 ng
 RT: 14.79 min Scan# 1190
 Delta R.T. -0.14 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tgt Ion: 252 Resp: 190293
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.1 76.7
 126 14.7 7.3 10.9#

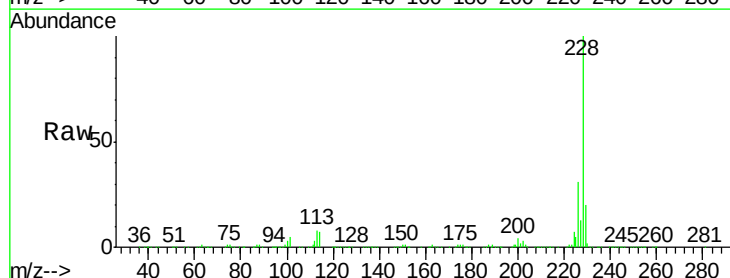


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

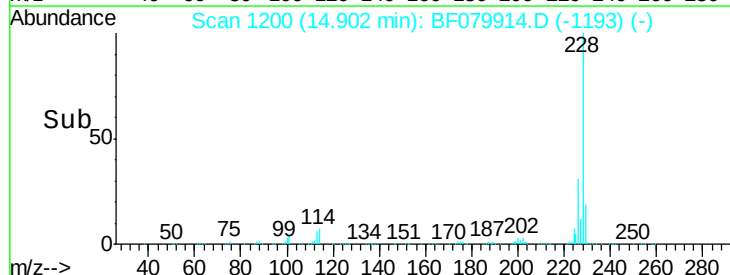
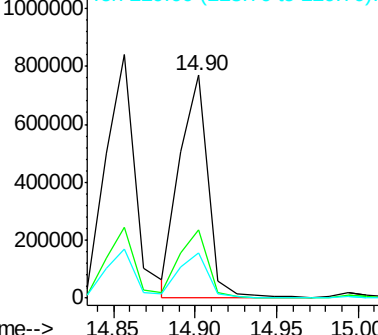


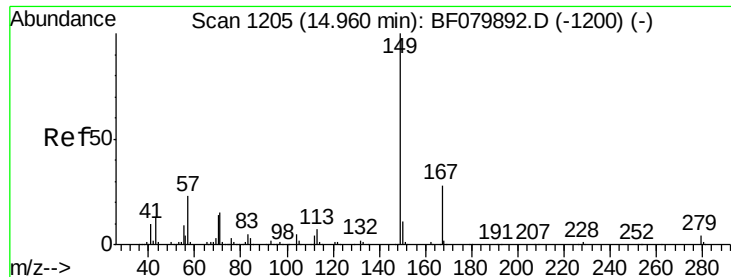
#82
 Chrysene
 Concen: 50.07 ng
 RT: 14.90 min Scan# 1200
 Delta R.T. -0.13 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion: 228 Resp: 921801
 Ion Ratio Lower Upper
 228 100
 226 30.9 23.9 35.9
 229 20.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.45 ng

RT: 14.81 min Scan# 1192

Delta R.T. -0.15 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

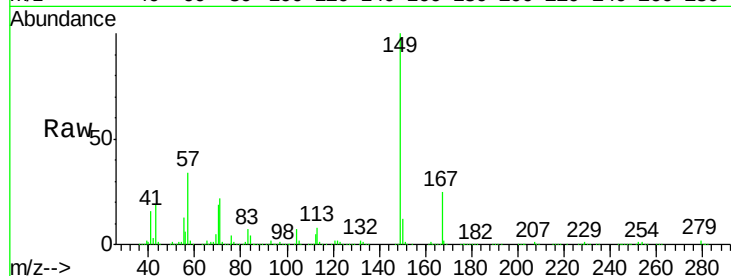
Tgt Ion:149 Resp: 518380

Ion Ratio Lower Upper

149 100

167 25.5 22.2 33.4

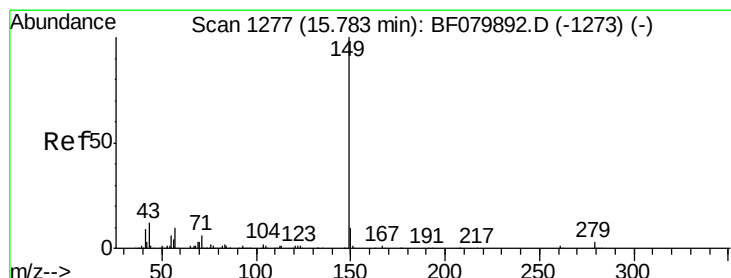
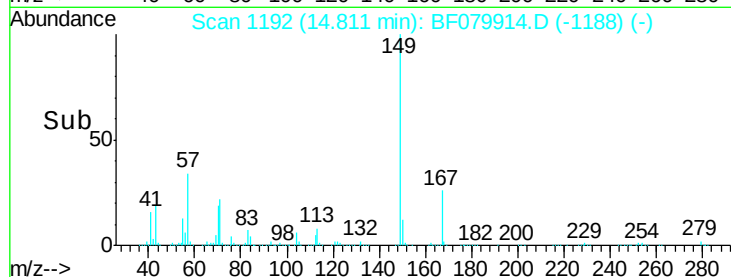
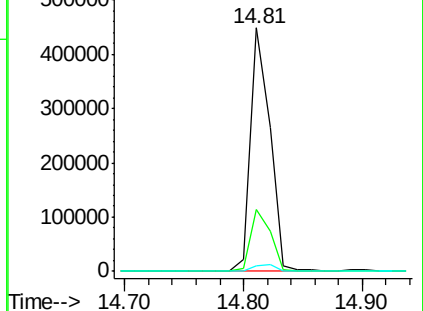
279 2.4 3.1 4.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.68 ng

RT: 15.60 min Scan# 1261

Delta R.T. -0.18 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

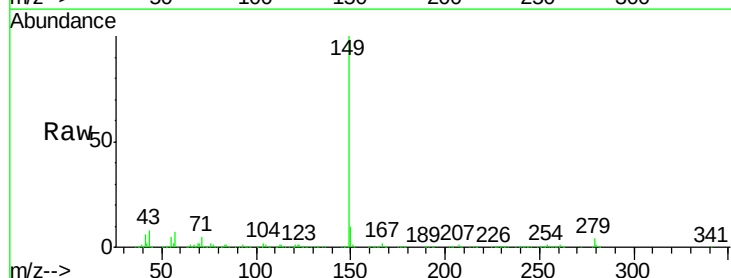
Tgt Ion:149 Resp: 885895

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

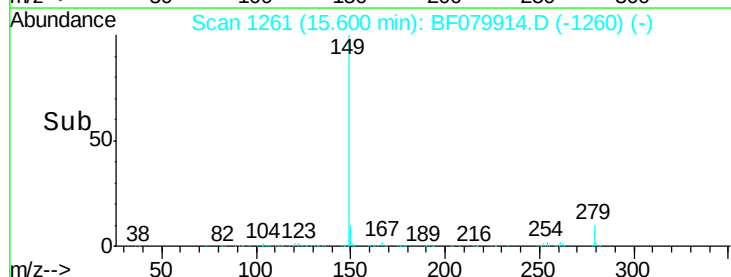
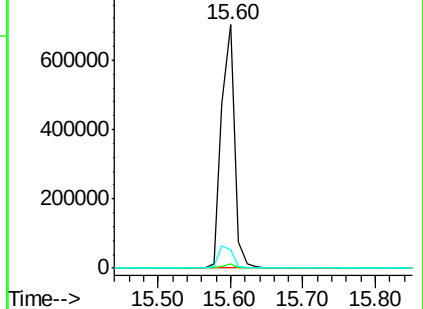
43 10.0 8.8 13.2

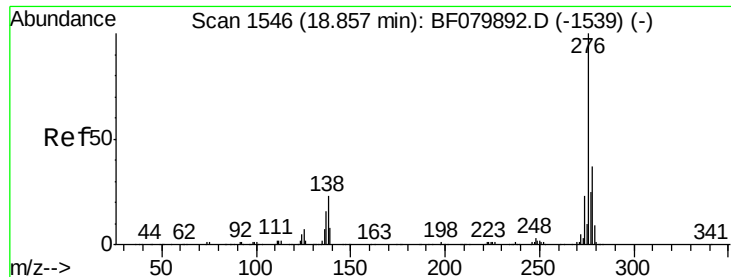


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.53 ng

RT: 18.64 min Scan# 1527

Delta R.T. -0.22 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

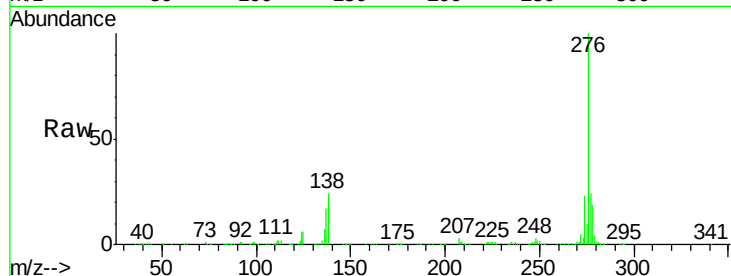
Tgt Ion: 276 Resp: 973621

Ion Ratio Lower Upper

276 100

138 26.7 21.0 31.4

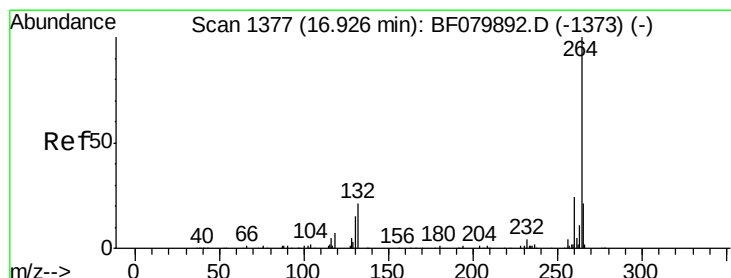
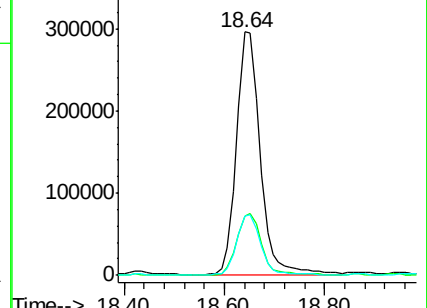
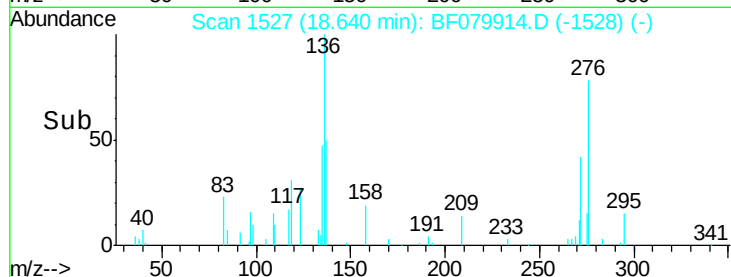
277 25.3 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.73 min Scan# 1360

Delta R.T. -0.19 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

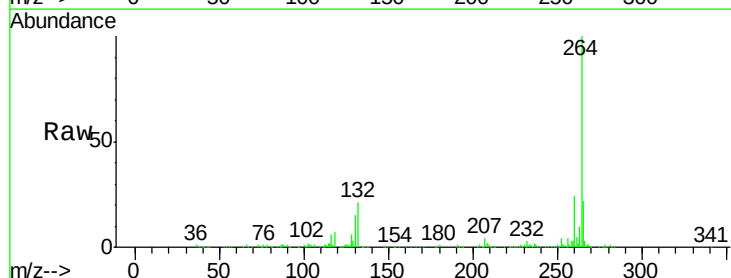
Tgt Ion: 264 Resp: 332475

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

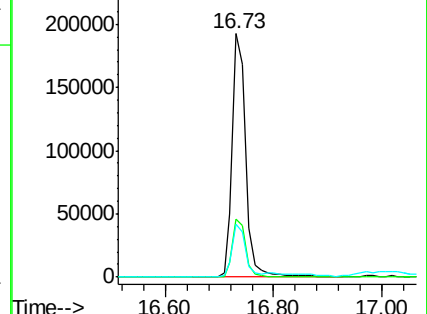
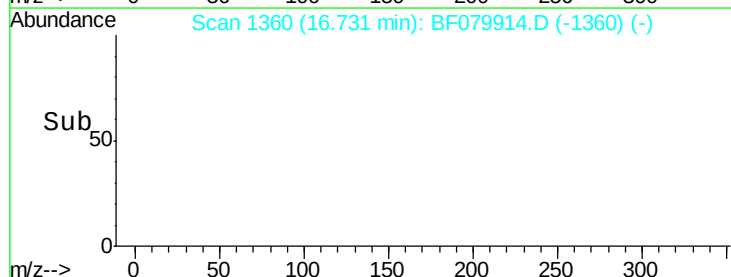
265 21.8 17.0 25.6

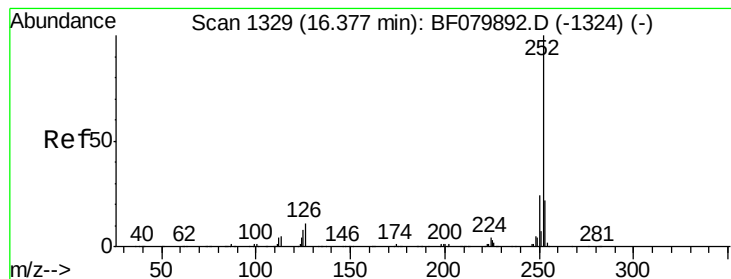


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.11 ng

RT: 16.23 min Scan# 1316

Delta R.T. -0.15 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

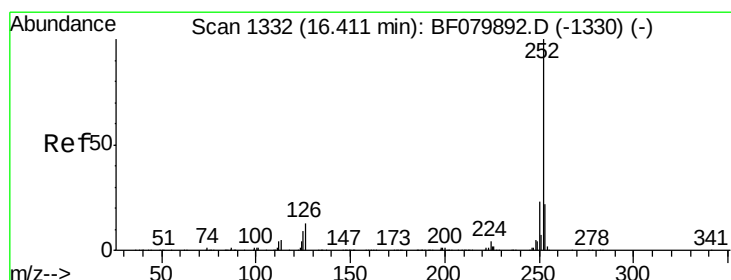
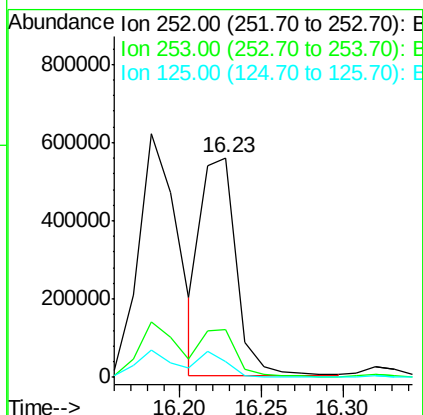
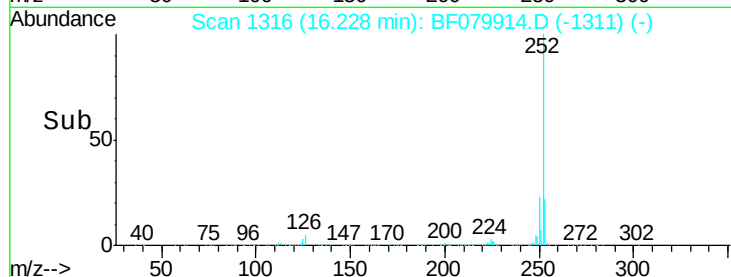
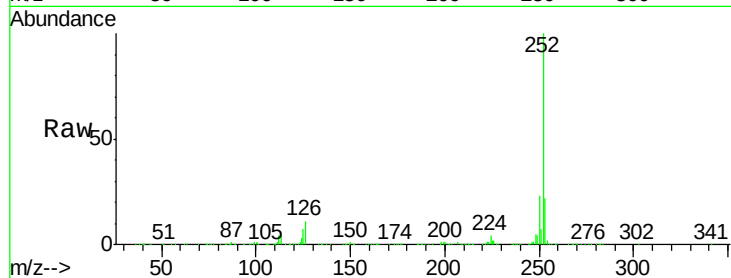
Tgt Ion:252 Resp: 837430

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 7.3 6.5 9.7



#88

Benzo(k)fluoranthene

Concen: 40.91 ng

RT: 16.23 min Scan# 1316

Delta R.T. -0.18 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

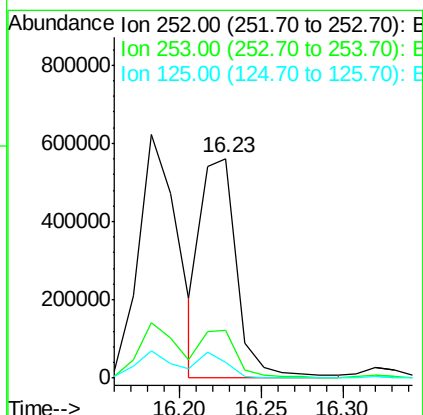
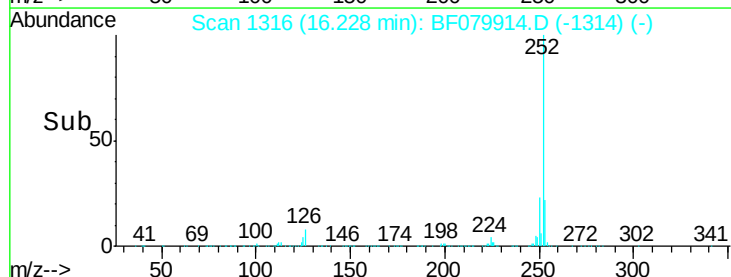
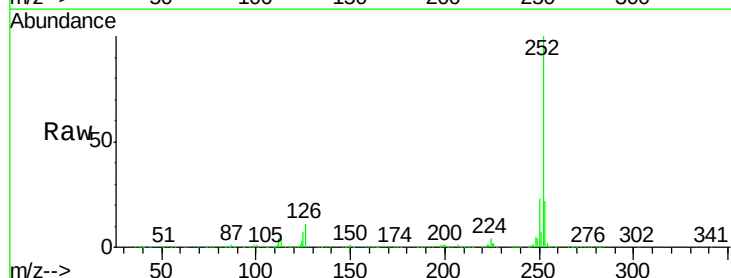
Tgt Ion:252 Resp: 849985

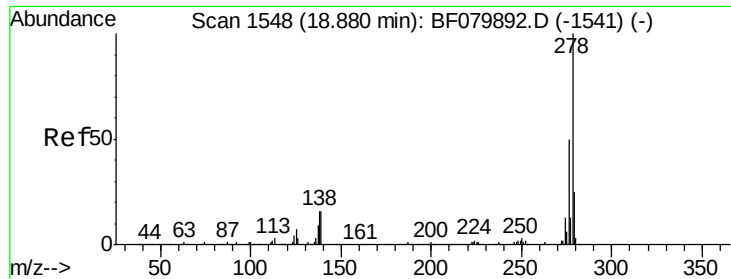
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 7.3 7.4 11.0#





#90

Dibenzo(a,h)anthracene

Concen: 38.55 ng

RT: 18.66 min Scan# 1529

Delta R.T. -0.22 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

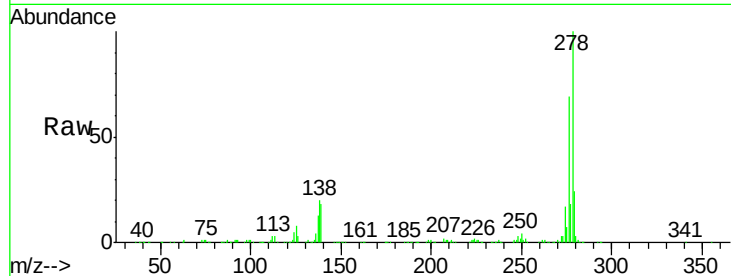
Tgt Ion: 278 Resp: 734078

Ion Ratio Lower Upper

278 100

139 18.2 12.8 19.2

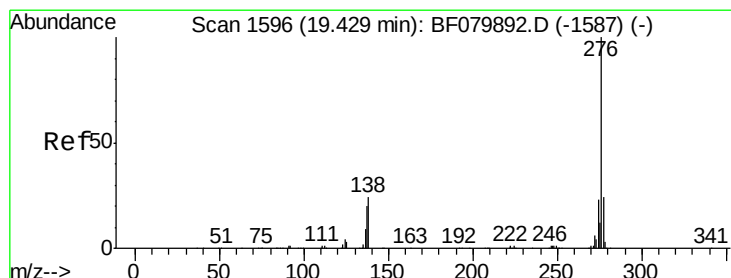
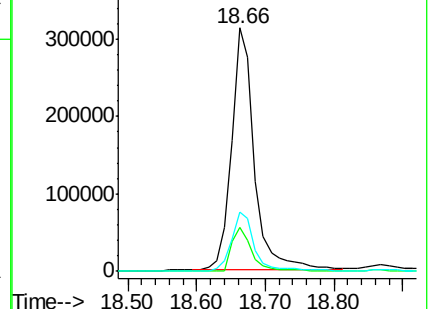
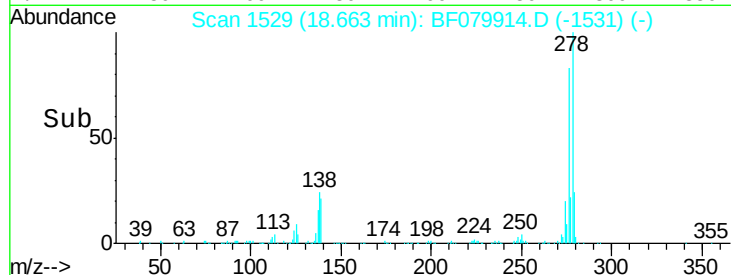
279 24.2 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 42.46 ng

RT: 19.22 min Scan# 1578

Delta R.T. -0.21 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

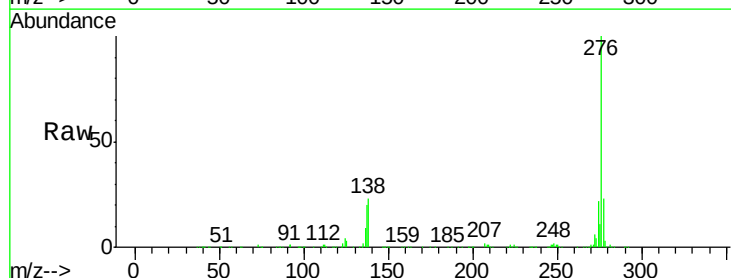
Tgt Ion: 276 Resp: 836683

Ion Ratio Lower Upper

276 100

277 23.1 19.4 29.2

138 23.0 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

