

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
 Data File : BF078099.D
 Acq On : 30 Mar 2015 23:37
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 31 00:46:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 01:02:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	34726	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	144147	20.00	ng	0.00
38) Acenaphthene-d10	10.81	164	71229	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	135347	20.00	ng	0.00
75) Chrysene-d12	15.92	240	150920	20.00	ng	-0.02
86) Perylene-d12	17.60	264	152057	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	161932	81.40	ng	0.00
7) Phenol-d6	6.65	99	202575	82.42	ng	0.00
23) Nitrobenzene-d5	7.76	82	177376	80.66	ng	0.00
41) 2,4,6-Tribromophenol	11.79	330	49544	72.70	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	383158	79.05	ng	0.00
78) Terphenyl-d14	14.64	244	443067	71.71	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.90	88	32422	35.90	ng	# 100
3) Pyridine	2.56	79	99772	41.11	ng	97
4) n-Nitrosodimethylamine	2.50	42	31750	30.05	ng	99
6) Aniline	6.65	93	139249	39.61	ng	92
8) 2-Chlorophenol	6.80	128	96177	40.61	ng	97
9) Benzaldehyde	6.51	77	45357	45.04	ng	92
10) Phenol	6.66	94	116784	40.19	ng	94
11) bis(2-Chloroethyl)ether	6.76	93	86138	39.58	ng	97
12) 1,3-Dichlorobenzene	6.98	146	103291	39.22	ng	97
13) 1,4-Dichlorobenzene	7.08	146	110860	40.51	ng	95
14) 1,2-Dichlorobenzene	7.26	146	101010	40.26	ng	96
15) Benzyl Alcohol	7.25	79	75570	39.39	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.44	45	114515	39.05	ng	99
17) 2-Methylphenol	7.41	107	76651	39.76	ng	98
18) Hexachloroethane	7.68	117	35910	40.01	ng	90
19) n-Nitroso-di-n-propylamine	7.58	70	66129	38.89	ng	98
20) 3+4-Methylphenols	7.61	107	98700	39.02	ng	97
22) Acetophenone	7.57	105	129835	40.69	ng	97
24) Nitrobenzene	7.78	77	95571	40.34	ng	94
25) Isophorone	8.08	82	166383	37.47	ng	# 90
26) 2-Nitrophenol	8.18	139	44627	38.48	ng	96
27) 2,4-Dimethylphenol	8.25	122	78924	37.35	ng	94
28) bis(2-Chloroethoxy)methane	8.37	93	103384	38.35	ng	# 96
29) 2,4-Dichlorophenol	8.48	162	75932	37.70	ng	95
30) 1,2,4-Trichlorobenzene	8.57	180	85247	37.83	ng	# 95
31) Naphthalene	8.66	128	283665	38.32	ng	99
32) Benzoic acid	8.37	122	37157	32.59	ng	98
33) 4-Chloroaniline	8.75	127	117483	39.10	ng	99
34) Hexachlorobutadiene	8.82	225	48888	38.28	ng	97
35) Caprolactam	9.16	113	23145	39.32	ng	96
36) 4-Chloro-3-methylphenol	9.37	107	79617	39.29	ng	95
37) 2-Methylnaphthalene	9.53	142	189757	38.15	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	78224	36.82	ng	# 100
40) Hexachlorocyclopentadiene	9.71	237	31202	31.34	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 01:02:18 2015
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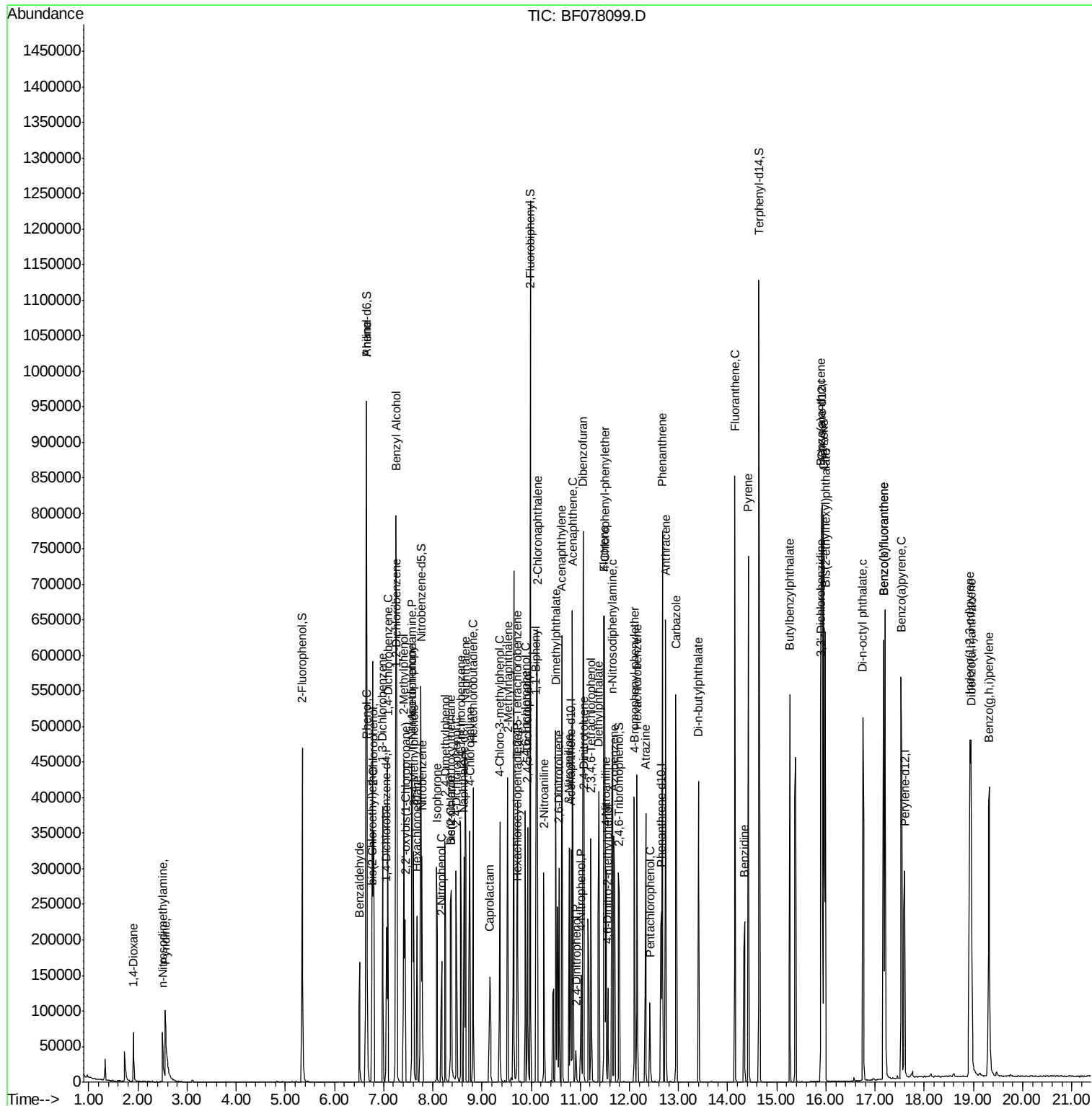
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	56675	38.51	ng	97
43) 2,4,5-Trichlorophenol	9.93	196	59460	37.40	ng	# 89
45) 1,1'-Biphenyl	10.10	154	221946	38.98	ng	96
46) 2-Chloronaphthalene	10.12	162	185639	40.12	ng	95
47) 2-Nitroaniline	10.26	65	46737	40.67	ng	91
48) Acenaphthylene	10.62	152	301821	39.22	ng	99
49) Dimethylphthalate	10.50	163	206591	39.11	ng	100
50) 2,6-Dinitrotoluene	10.57	165	42176	38.51	ng	91
51) Acenaphthene	10.84	154	168035	38.09	ng	98
52) 3-Nitroaniline	10.77	138	52088	40.96	ng	88
53) 2,4-Dinitrophenol	10.91	184	7936	25.80	ng	# 86
54) Dibenzofuran	11.06	168	252523	38.59	ng	95
55) 4-Nitrophenol	11.01	139	32491	34.49	ng	95
56) 2,4-Dinitrotoluene	11.07	165	59900	41.95	ng	# 56
57) Fluorene	11.48	166	208137	38.31	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.22	232	45694	37.33	ng	# 100
59) Diethylphthalate	11.38	149	197266	38.32	ng	99
60) 4-Chlorophenyl-phenylether	11.49	204	90865	36.64	ng	# 82
61) 4-Nitroaniline	11.53	138	53342	42.08	ng	85
62) Azobenzene	11.69	77	187101	38.03	ng	90
64) 4,6-Dinitro-2-methylphenol	11.56	198	19482	32.05	ng	81
65) n-Nitrosodiphenylamine	11.65	169	178460	39.60	ng	99
66) 4-Bromophenyl-phenylether	12.10	248	54008	37.39	ng	# 79
67) Hexachlorobenzene	12.16	284	59588	37.54	ng	# 87
68) Atrazine	12.33	200	48828	38.66	ng	97
69) Pentachlorophenol	12.42	266	20765	27.10	ng	98
70) Phenanthrene	12.67	178	311718	40.12	ng	100
71) Anthracene	12.74	178	315697	41.12	ng	99
72) Carbazole	12.95	167	302174	41.38	ng	99
73) Di-n-butylphthalate	13.40	149	311003	37.98	ng	99
74) Fluoranthene	14.15	202	356286	41.57	ng	97
76) Benzidine	14.34	184	129269	34.56	ng	99
77) Pyrene	14.42	202	359220	37.85	ng	99
79) Butylbenzylphthalate	15.27	149	140263	37.49	ng	97
80) Benzo(a)anthracene	15.91	228	349106	39.02	ng	100
81) 3,3'-Dichlorobenzidine	15.89	252	111267	37.70	ng	98
82) Chrysene	15.95	228	327484	40.71	ng	100
83) Bis(2-ethylhexyl)phthalate	15.99	149	208376	36.76	ng	# 96
84) Di-n-octyl phthalate	16.75	149	346133	35.72	ng	100
85) Indeno(1,2,3-cd)pyrene	18.92	276	414987	41.33	ng	# 100
87) Benzo(b)fluoranthene	17.17	252	357235	35.99	ng	# 95
88) Benzo(k)fluoranthene	17.17	252	357235	46.07	ng	99
89) Benzo(a)pyrene	17.53	252	326569	39.43	ng	# 95
90) Dibenzo(a,h)anthracene	18.96	278	320547	39.02	ng	99
91) Benzo(g,h,i)perylene	19.32	276	333054	39.82	ng	98

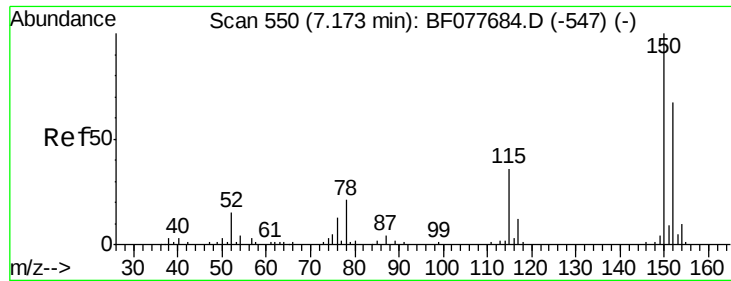
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
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ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

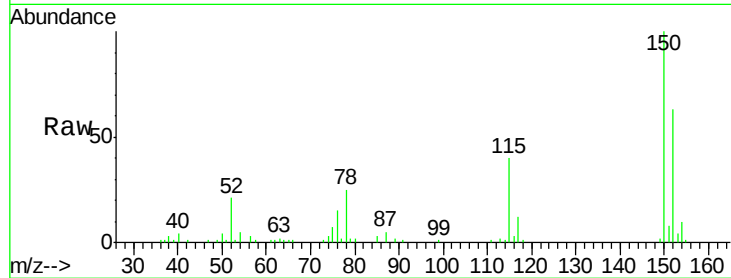
Tgt Ion:152 Resp: 34726

Ion Ratio Lower Upper

152 100

150 159.9 119.5 179.3

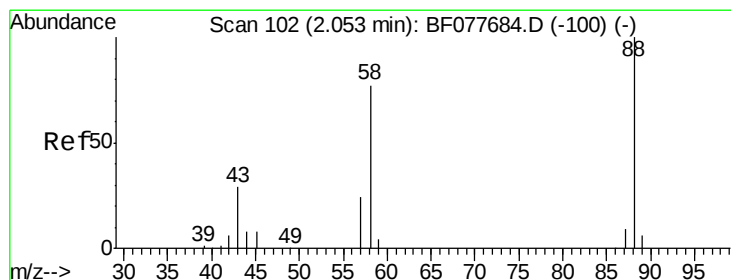
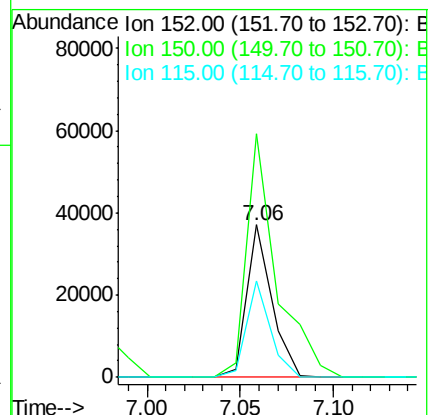
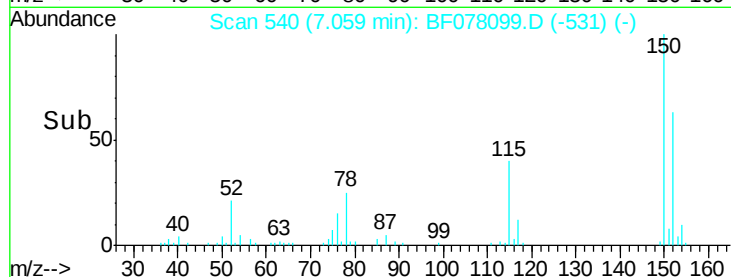
115 63.4 43.0 64.4



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: 35.90 ng

RT: 1.90 min Scan# 89

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

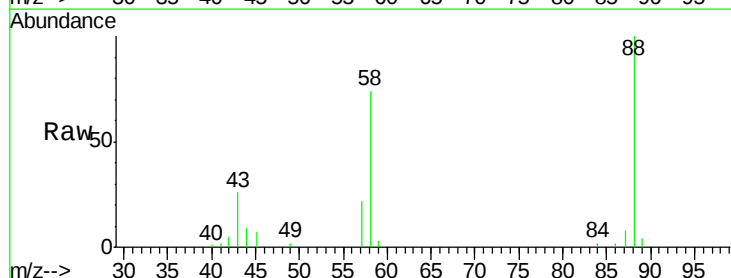
Tgt Ion: 88 Resp: 32422

Ion Ratio Lower Upper

88 100

58 71.0 0.0 0.0#

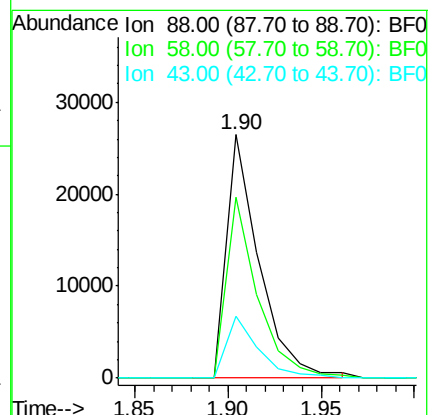
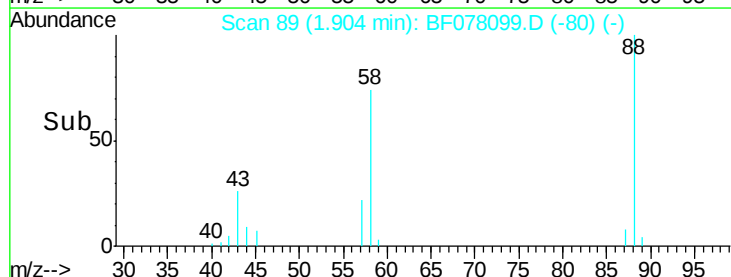
43 25.4 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.11 ng

RT: 2.56 min Scan# 146

Delta R.T. -0.01 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Instrument :

BNA_F

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SSTDCCC040EC

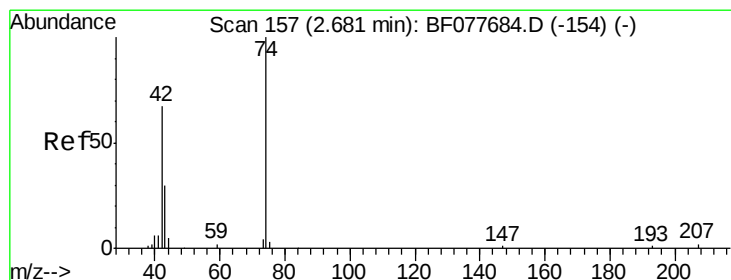
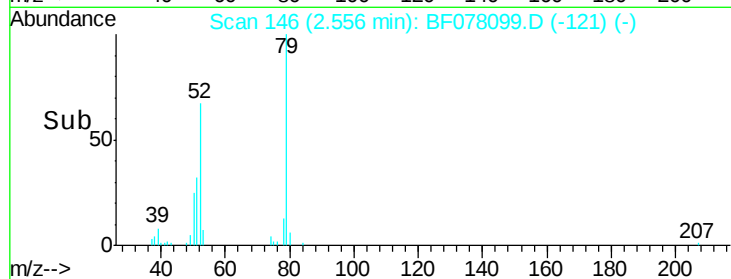
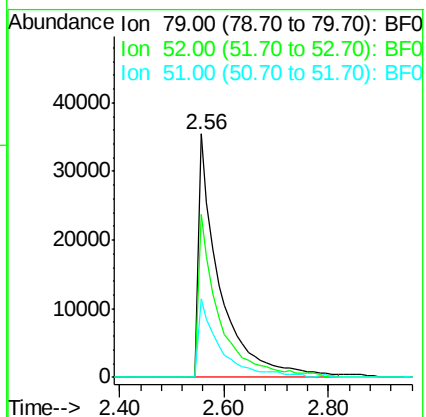
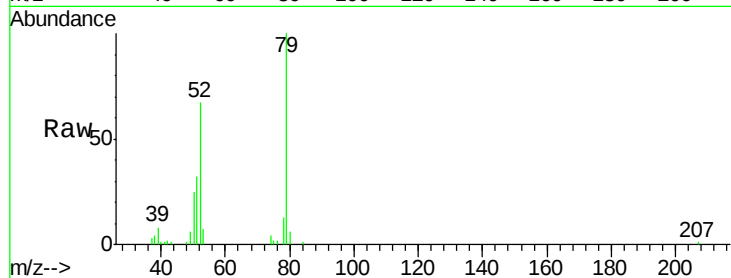
Tgt Ion: 79 Resp: 99772

Ion Ratio Lower Upper

79 100

52 67.0 51.1 76.7

51 32.5 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 30.05 ng

RT: 2.50 min Scan# 141

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

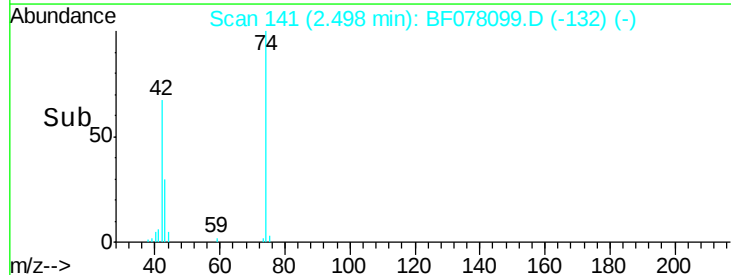
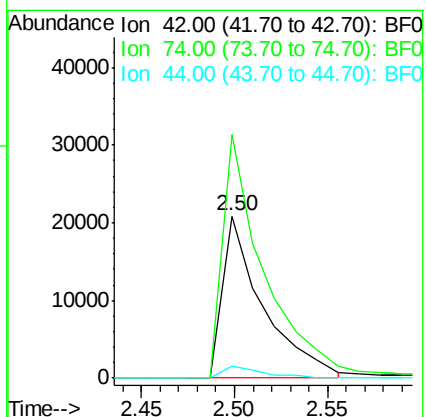
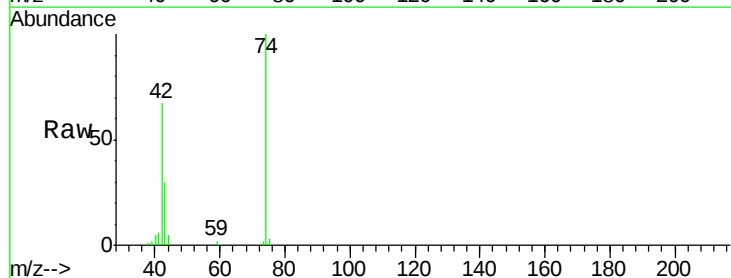
Tgt Ion: 42 Resp: 31750

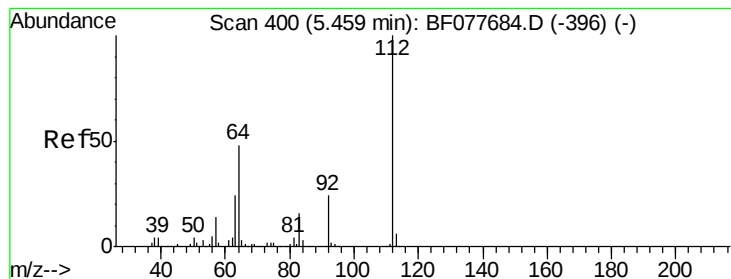
Ion Ratio Lower Upper

42 100

74 150.3 119.3 178.9

44 7.6 5.4 8.2





#5

2-Fluorophenol

Concen: 81.40 ng

RT: 5.34 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Instrument :

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ClientSampleId :

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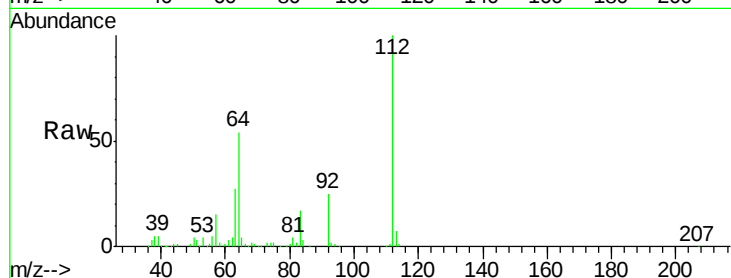
Tgt Ion: 112 Resp: 161932

Ion Ratio Lower Upper

112 100

64 54.0 38.6 57.8

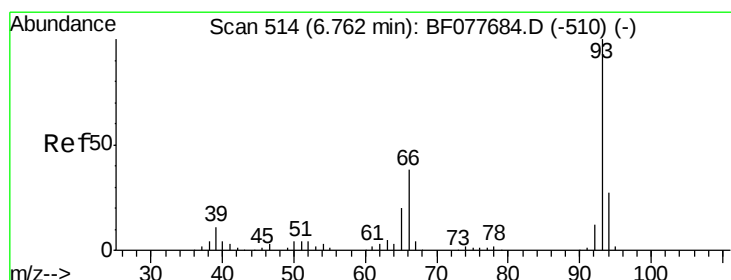
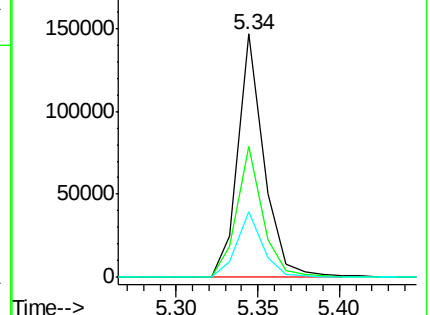
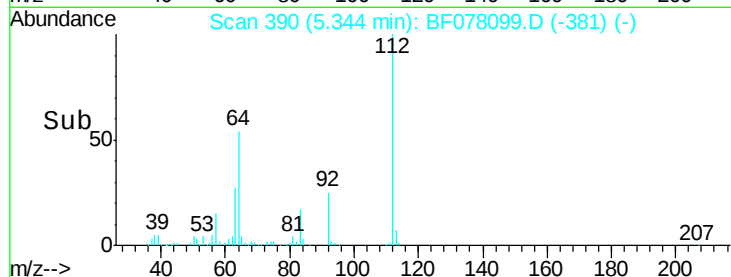
63 27.1 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.61 ng

RT: 6.65 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

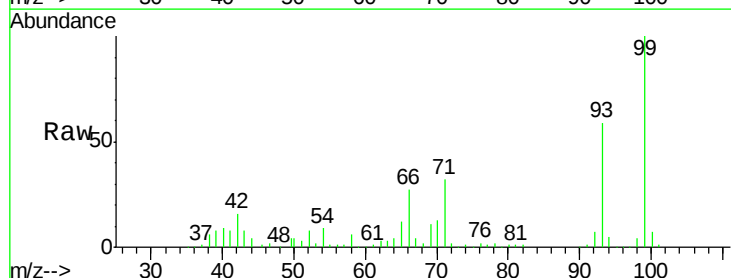
Tgt Ion: 93 Resp: 139249

Ion Ratio Lower Upper

93 100

66 45.3 30.8 46.2

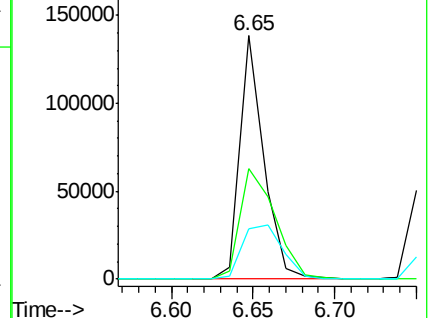
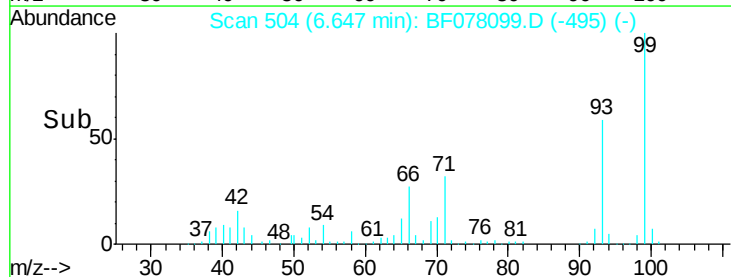
65 20.7 16.0 24.0

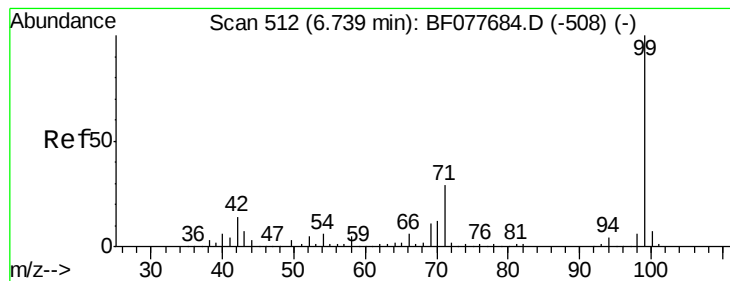


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.42 ng

RT: 6.65 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078099.D

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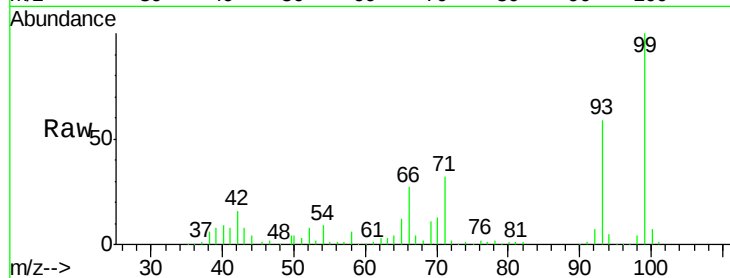
Tgt Ion: 99 Resp: 202575

Ion Ratio Lower Upper

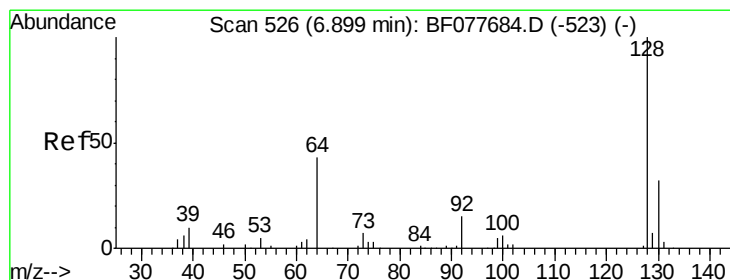
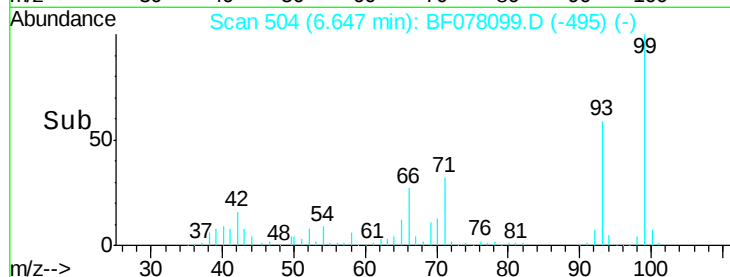
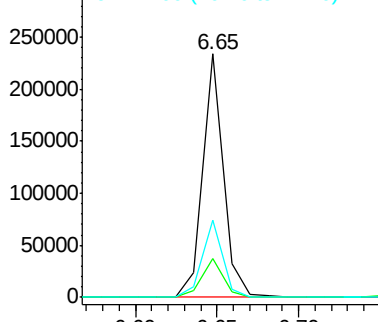
99 100

42 16.1 11.0 16.4

71 31.8 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: 40.61 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

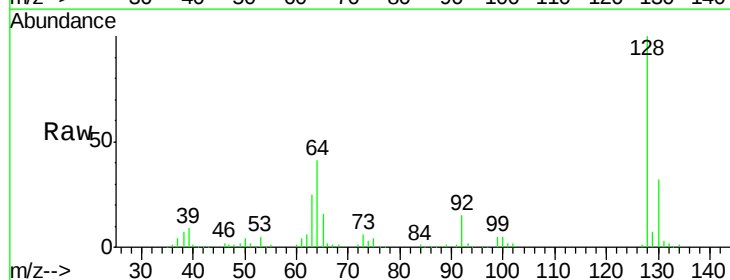
Tgt Ion: 128 Resp: 96177

Ion Ratio Lower Upper

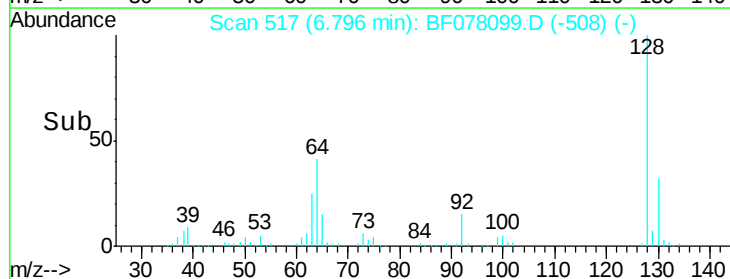
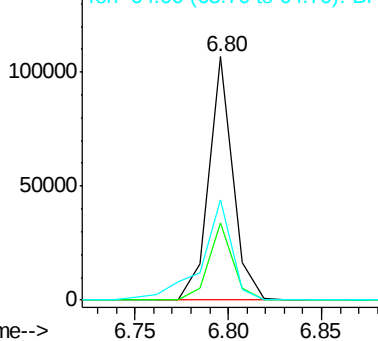
128 100

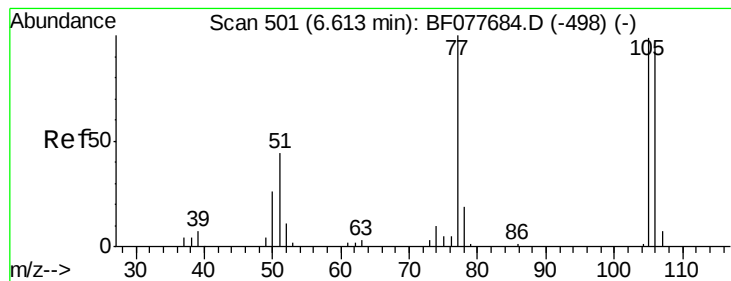
130 31.9 12.0 52.0

64 41.2 24.9 64.9



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: 45.04 ng

RT: 6.51 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

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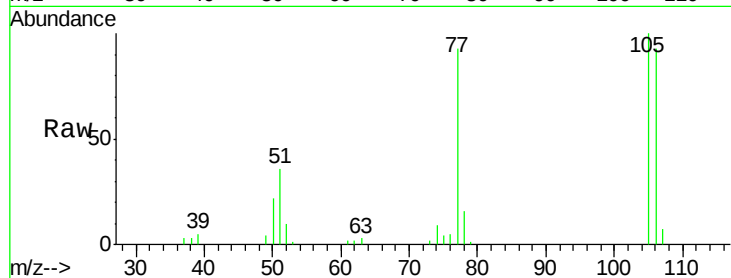
Tgt Ion: 77 Resp: 45357

Ion Ratio Lower Upper

77 100

105 107.9 78.8 118.8

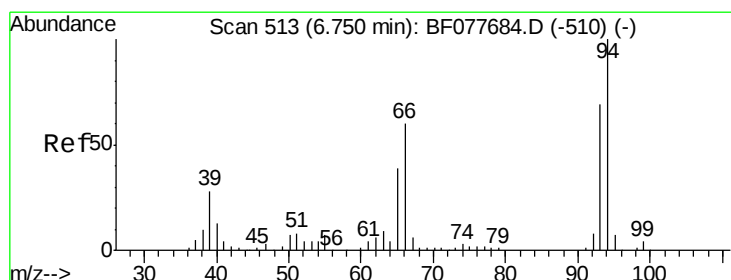
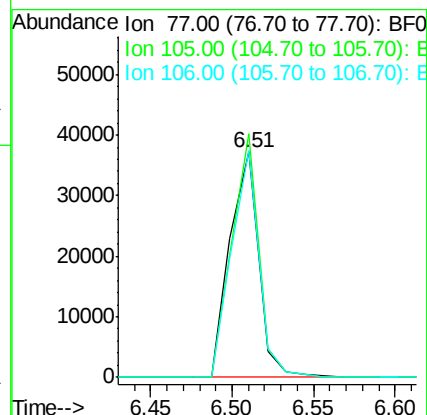
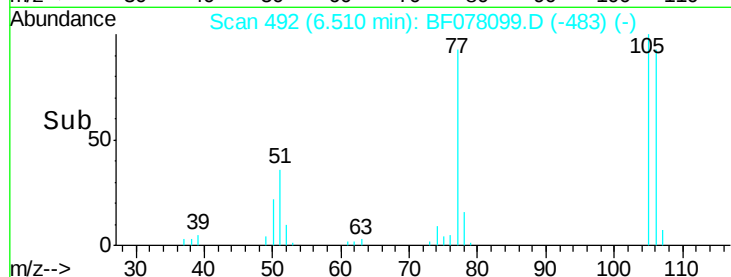
106 100.8 73.7 113.7



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: 40.19 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

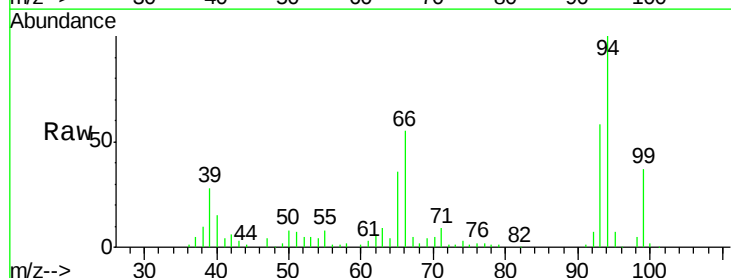
Tgt Ion: 94 Resp: 116784

Ion Ratio Lower Upper

94 100

65 36.0 18.8 58.8

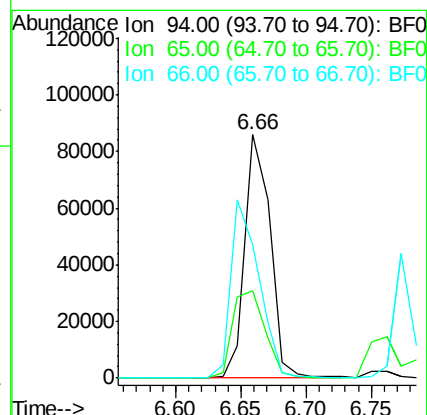
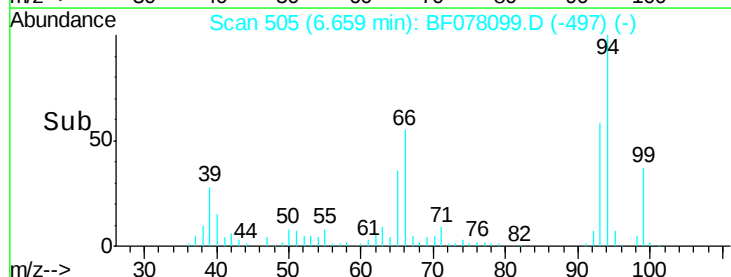
66 54.8 39.9 79.9

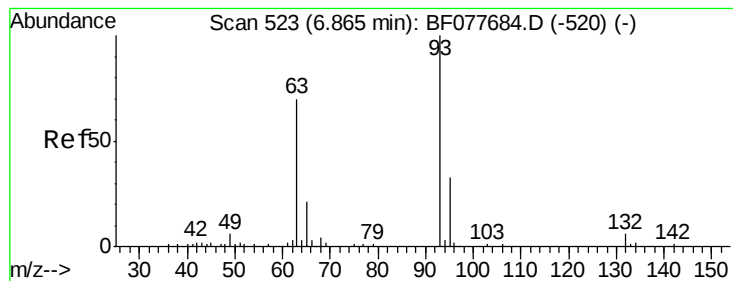


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.58 ng

RT: 6.76 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

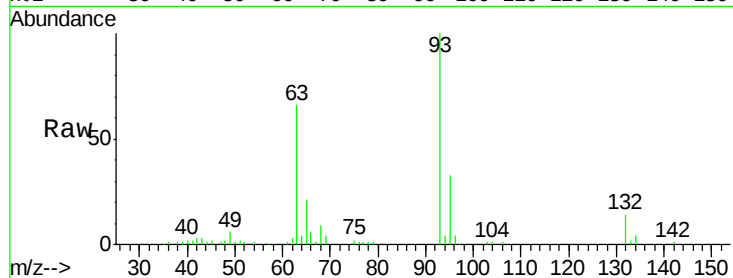
Tgt Ion: 93 Resp: 86138

Ion Ratio Lower Upper

93 100

63 66.0 49.5 89.5

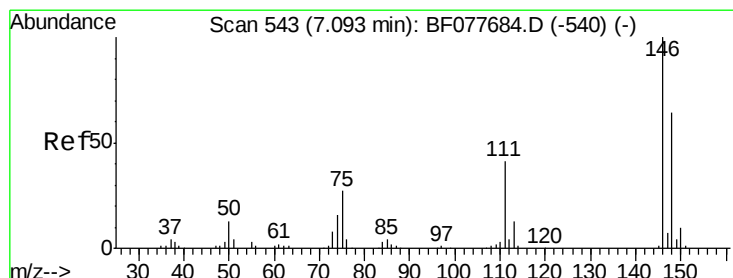
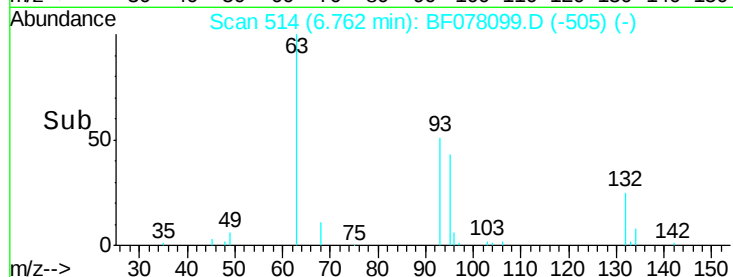
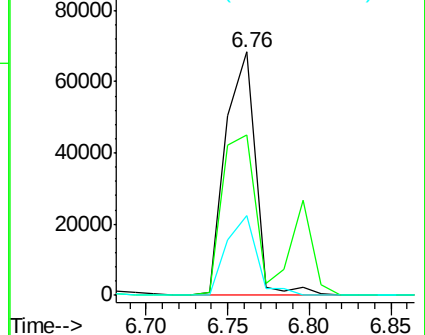
95 32.6 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.22 ng

RT: 6.98 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

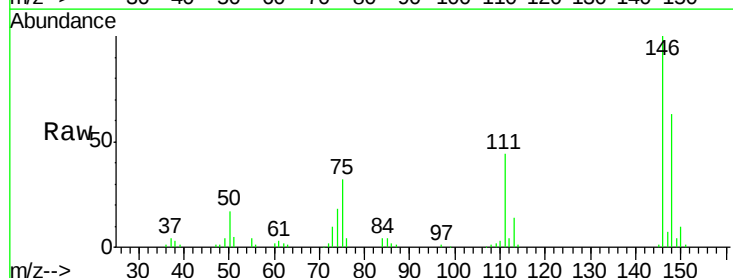
Tgt Ion: 146 Resp: 103291

Ion Ratio Lower Upper

146 100

148 63.0 50.9 76.3

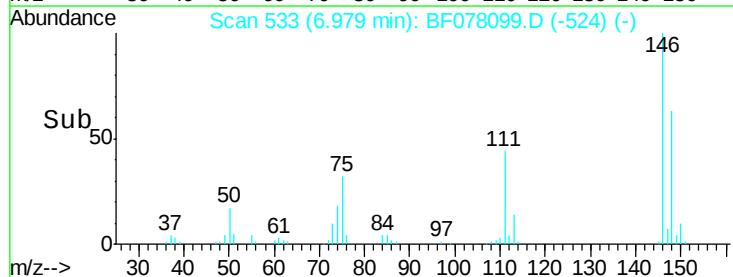
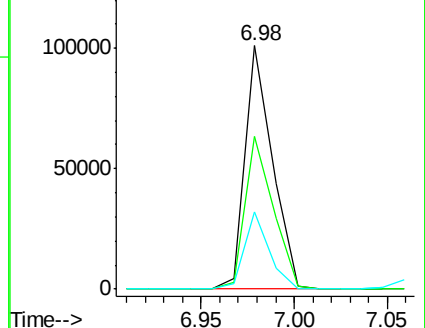
75 31.6 21.4 32.2

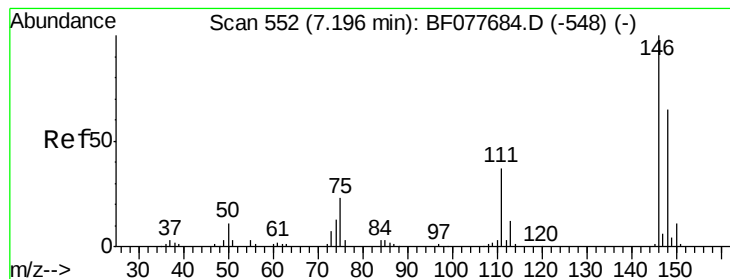


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.51 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

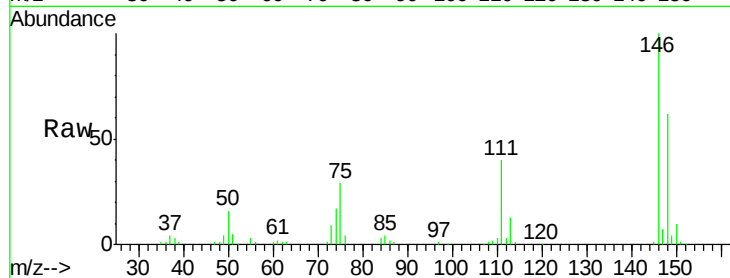
Tgt Ion:146 Resp: 110860

Ion Ratio Lower Upper

146 100

148 61.8 51.9 77.9

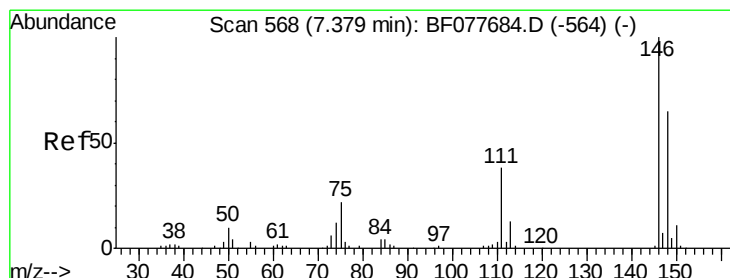
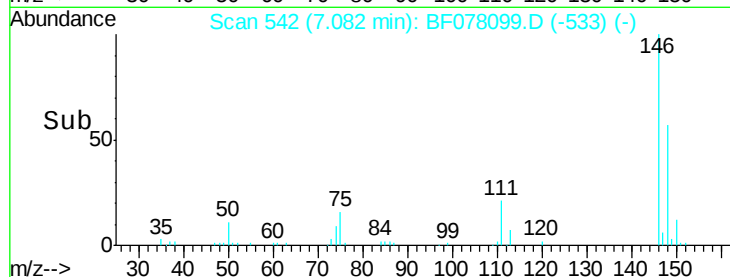
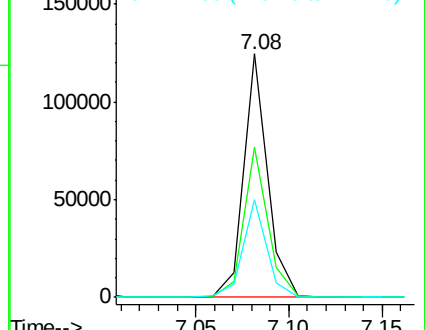
111 40.0 29.2 43.8



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: 40.26 ng

RT: 7.26 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

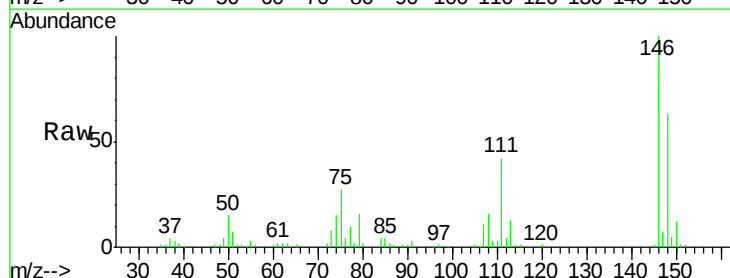
Tgt Ion:146 Resp: 101010

Ion Ratio Lower Upper

146 100

148 63.0 52.3 78.5

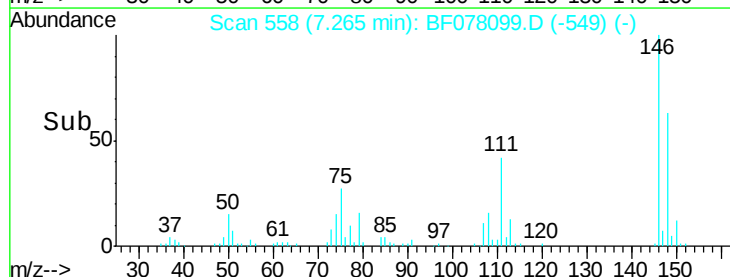
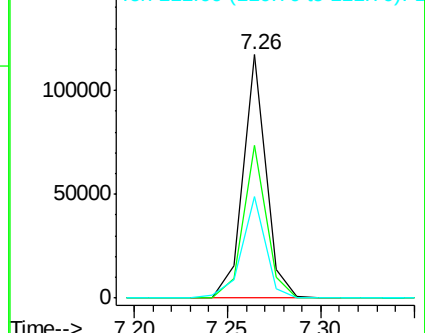
111 41.6 30.6 45.8

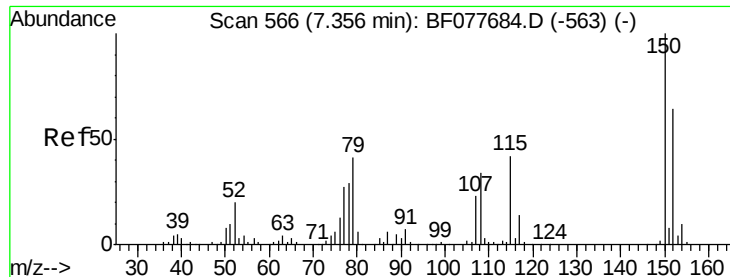


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

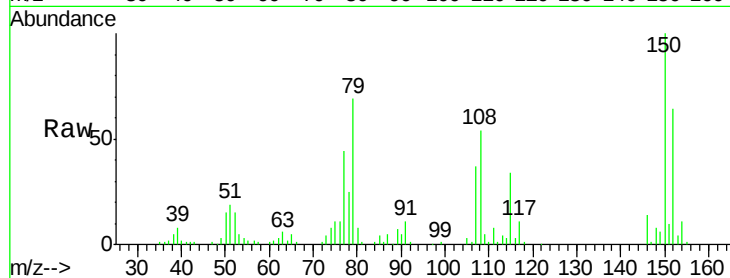




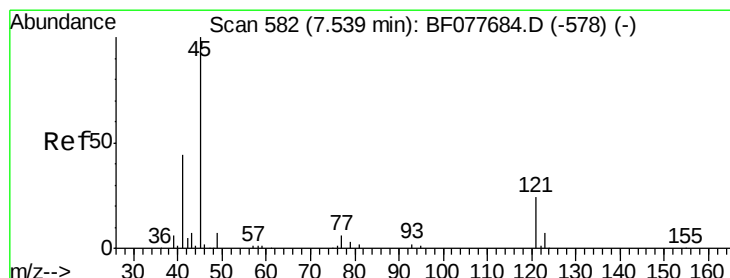
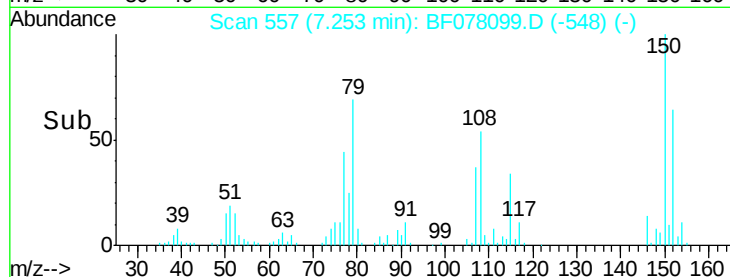
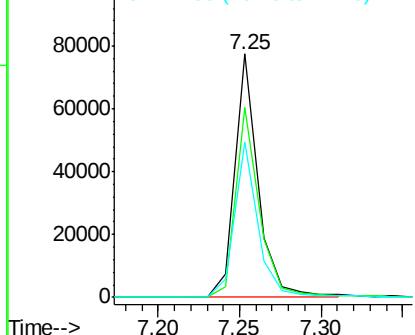
#15
Benzyl Alcohol
Concen: 39.39 ng
RT: 7.25 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF078099.D
Acq: 30 Mar 2015 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 75570
Ion Ratio Lower Upper
79 100
108 78.0 65.0 97.4
77 63.8 53.0 79.6

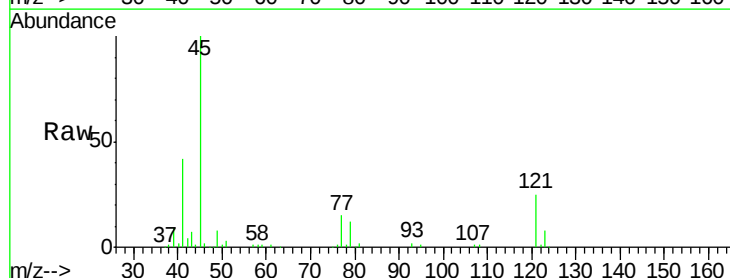


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0

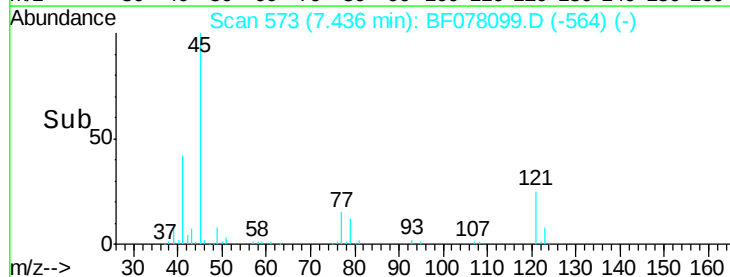
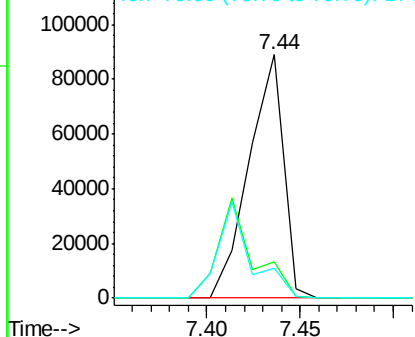


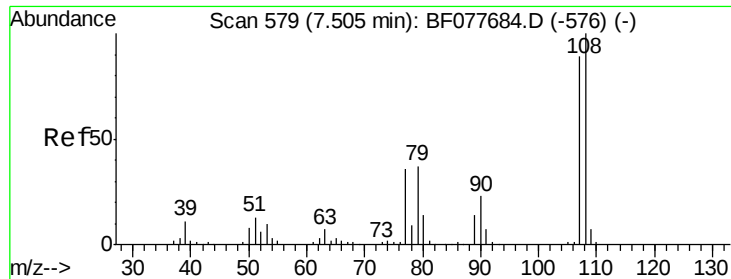
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.05 ng
RT: 7.44 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF078099.D
Acq: 30 Mar 2015 23:37

Tgt Ion: 45 Resp: 114515
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.2
79 12.5 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.76 ng

RT: 7.41 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 76651

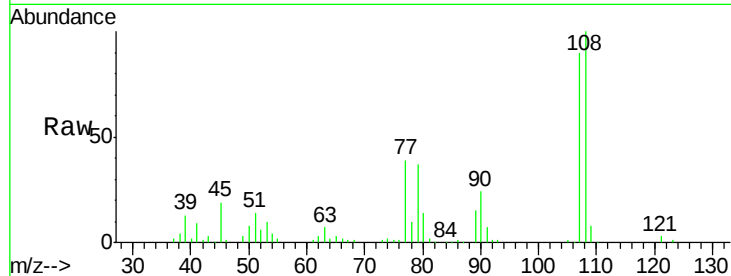
Ion Ratio Lower Upper

107 100

108 110.6 89.8 134.8

77 42.8 32.6 48.8

79 40.9 32.8 49.2



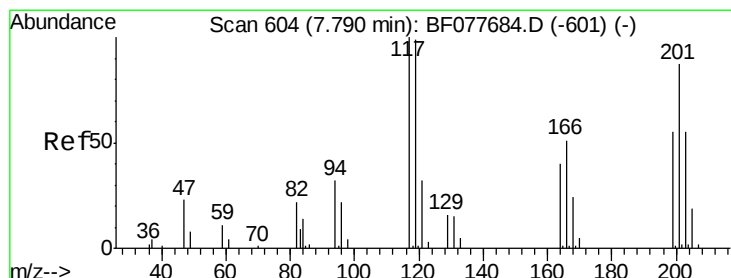
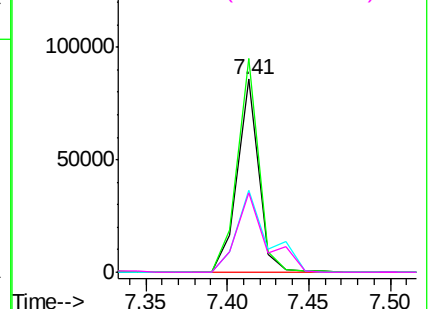
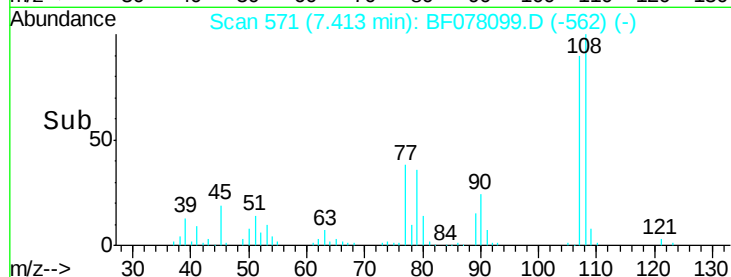
Abundance

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: 40.01 ng

RT: 7.68 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

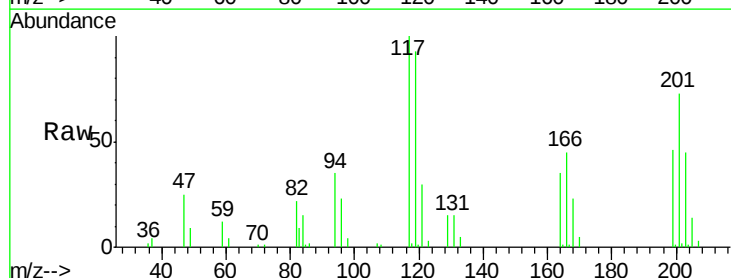
Tgt Ion:117 Resp: 35910

Ion Ratio Lower Upper

117 100

119 93.2 79.2 118.8

201 72.7 69.8 104.6

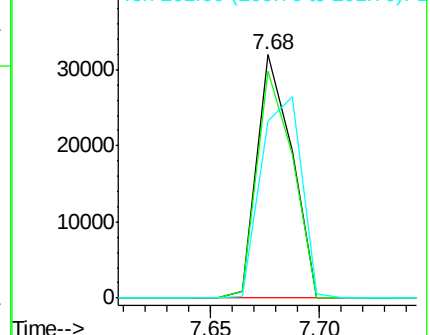
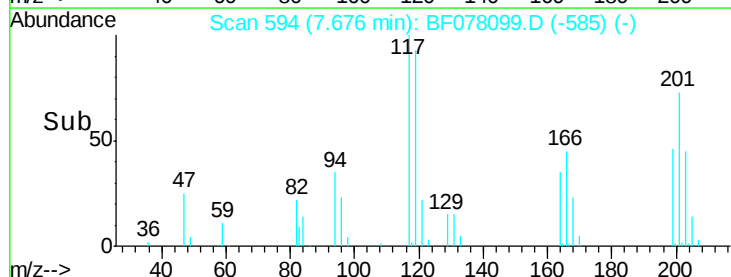


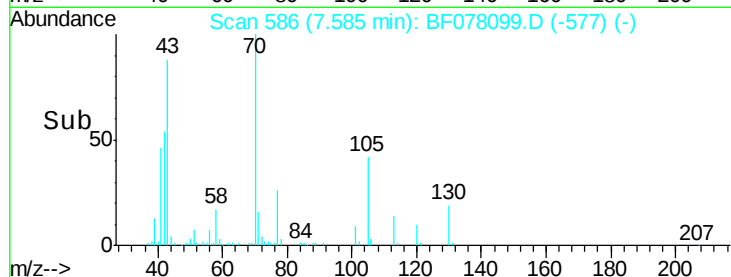
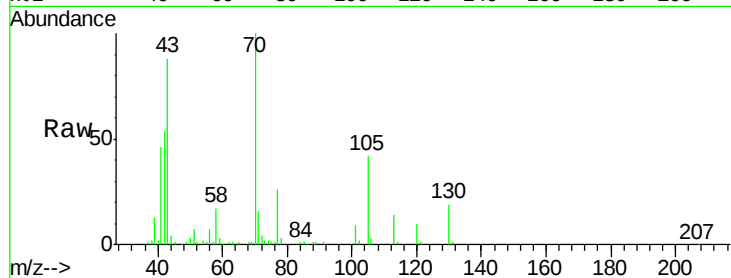
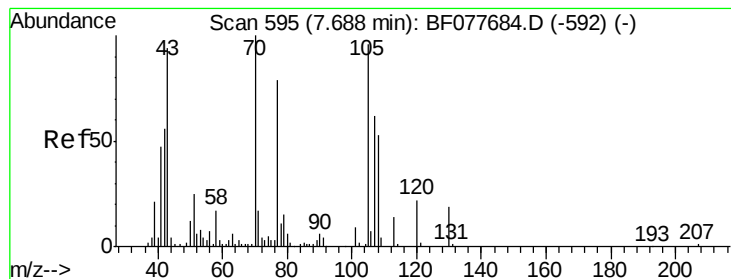
Abundance

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: 38.89 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 66129

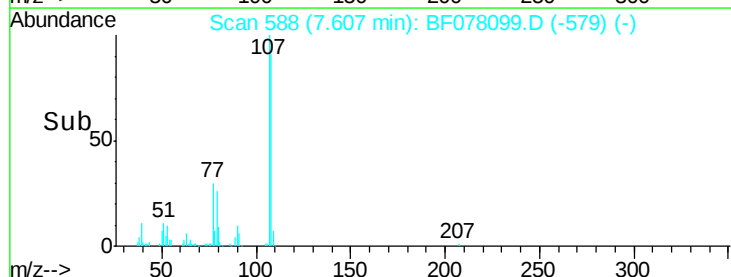
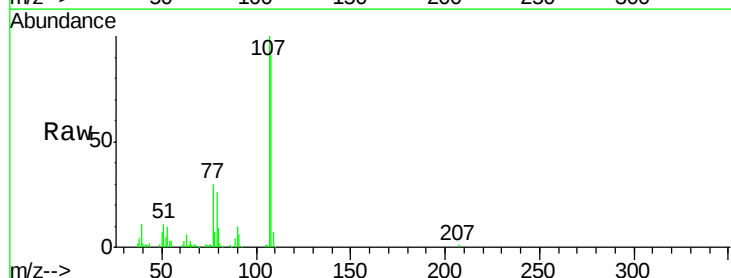
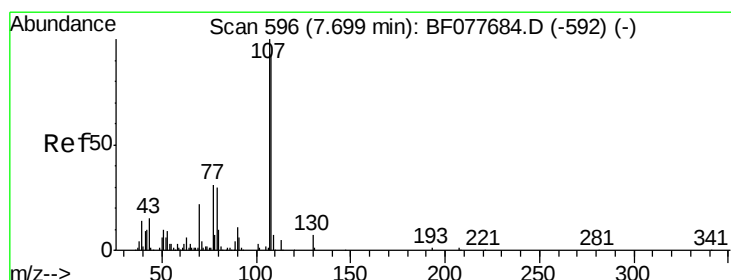
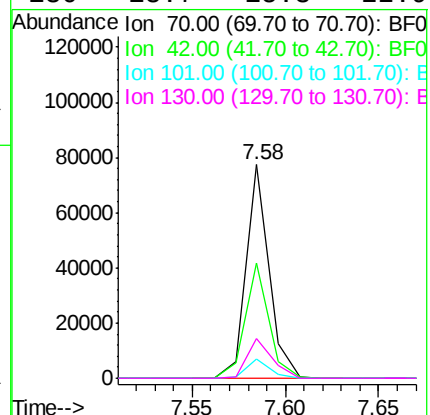
Ion Ratio Lower Upper

70 100

42 53.7 44.5 66.7

101 9.2 7.4 11.2

130 18.7 15.3 22.9



#20

3+4-Methylphenols

Concen: 39.02 ng

RT: 7.61 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Tgt Ion: 107 Resp: 98700

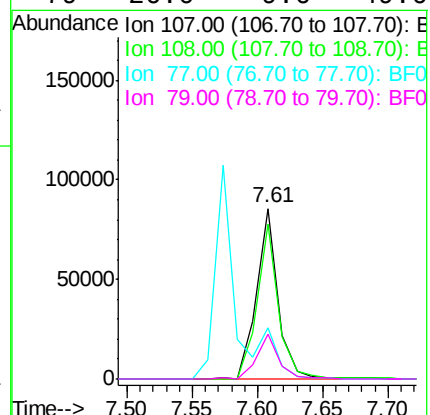
Ion Ratio Lower Upper

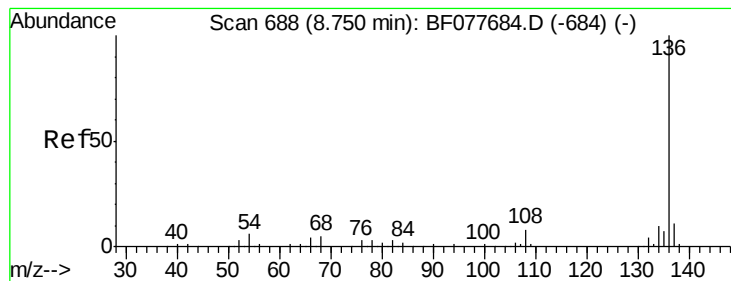
107 100

108 90.8 73.2 113.2

77 29.8 10.7 50.7

79 26.0 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.64 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 144147

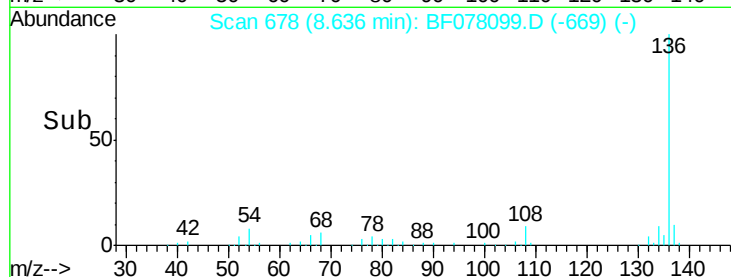
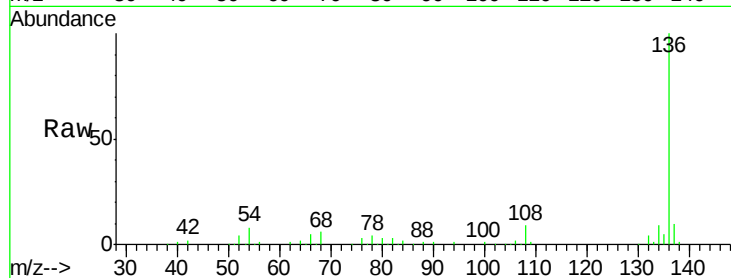
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 7.8 4.6 6.8#

68 6.2 3.7 5.5#

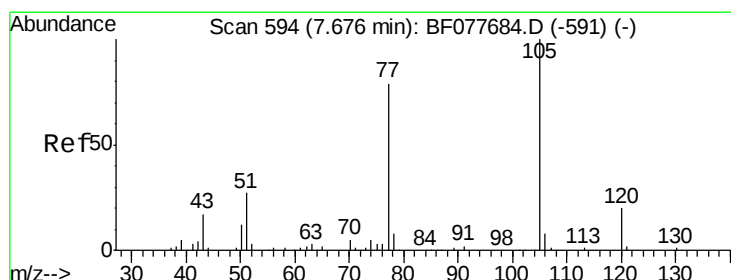
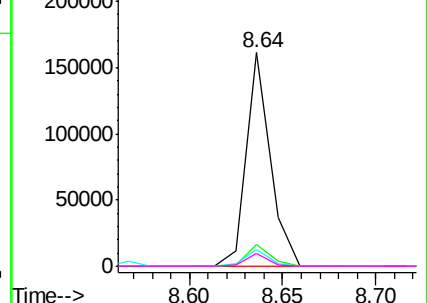


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.69 ng

RT: 7.57 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Tgt Ion:105 Resp: 129835

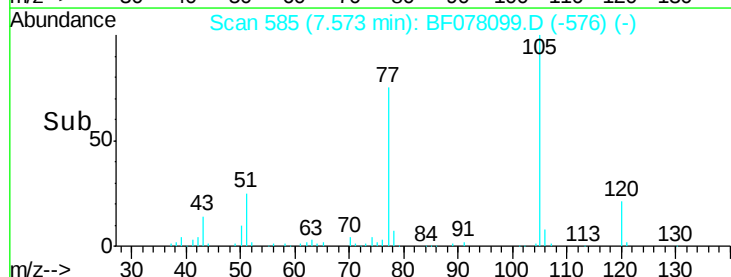
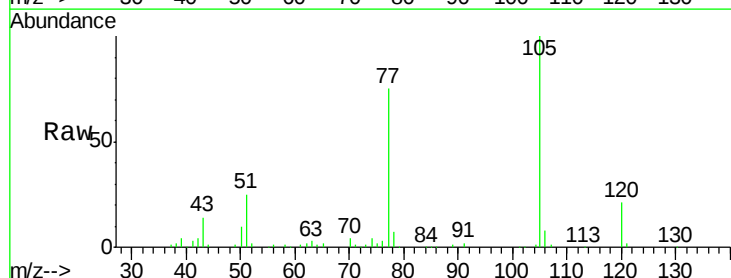
Ion Ratio Lower Upper

105 100

71 0.8 0.6 1.0

51 25.0 21.6 32.4

120 21.4 16.1 24.1

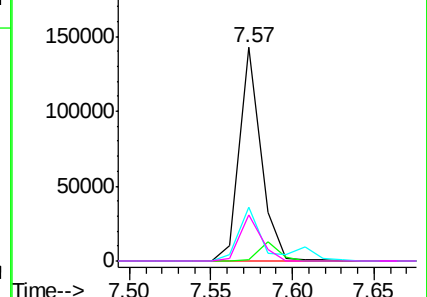


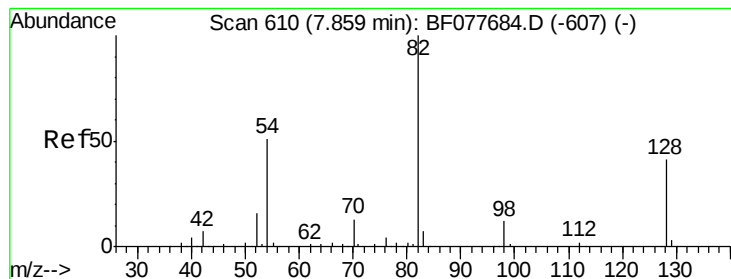
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.66 ng

RT: 7.76 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

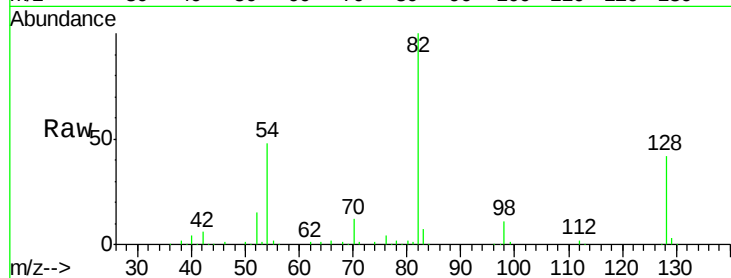
Tgt Ion: 82 Resp: 177376

Ion Ratio Lower Upper

82 100

128 41.7 32.8 49.2

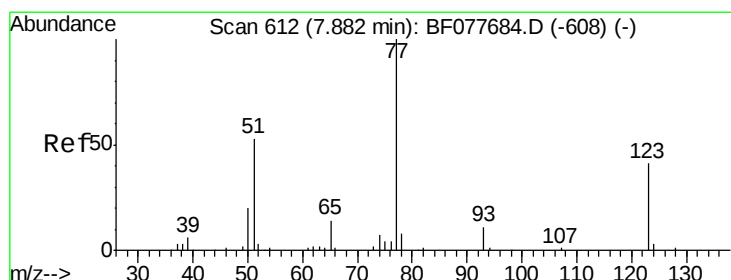
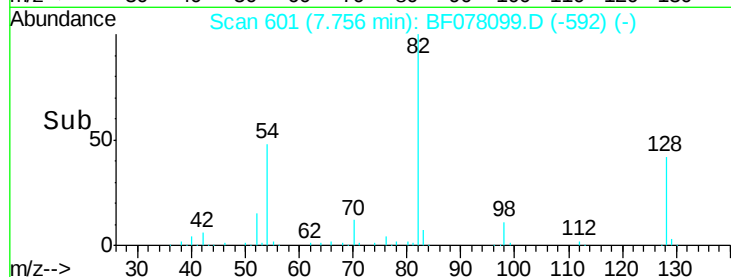
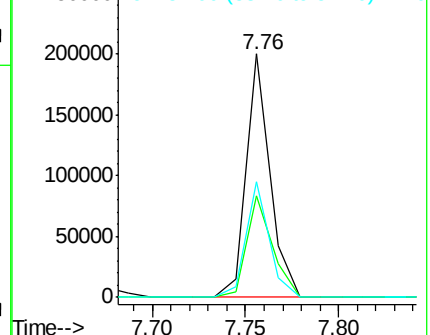
54 47.5 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.34 ng

RT: 7.78 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

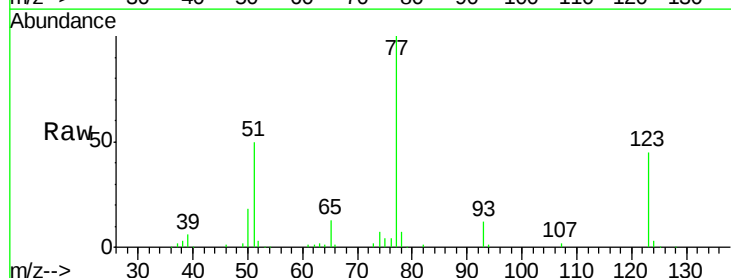
Tgt Ion: 77 Resp: 95571

Ion Ratio Lower Upper

77 100

123 45.1 32.6 49.0

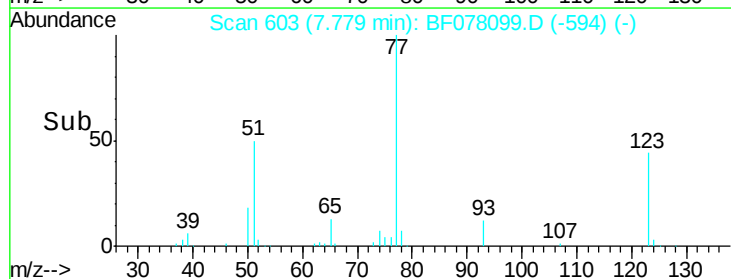
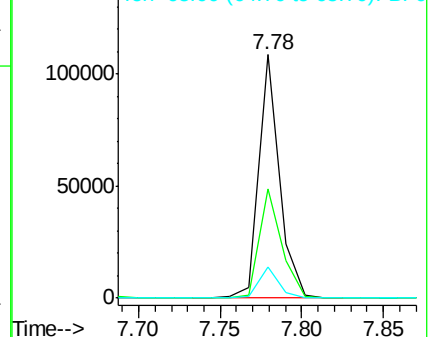
65 12.7 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.47 ng

RT: 8.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

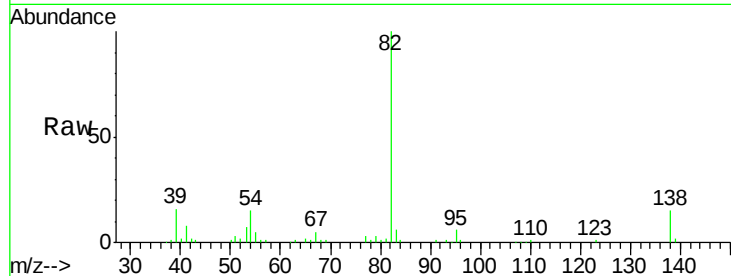
Tgt Ion: 82 Resp: 166383

Ion Ratio Lower Upper

82 100

95 6.4 5.8 8.6

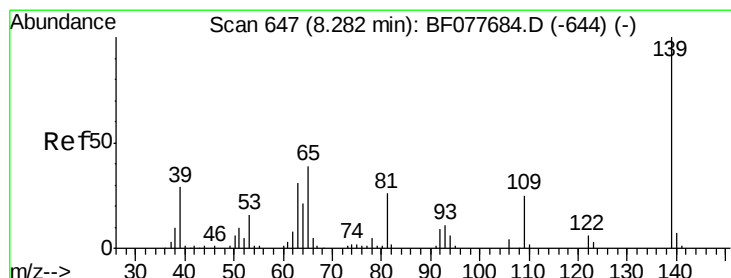
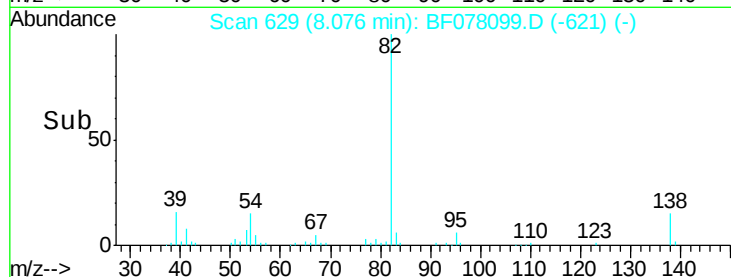
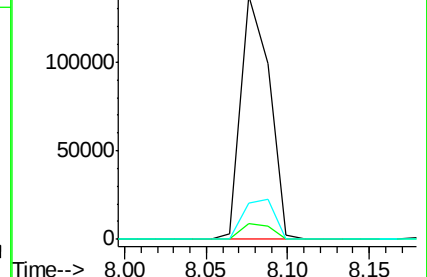
138 14.7 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-635) (-)

Ion 95.00 (94.70 to 95.70): BF077684.D (-635) (-)

Ion 138.00 (137.70 to 138.70): BF077684.D (-635) (-)



#26

2-Nitrophenol

Concen: 38.48 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

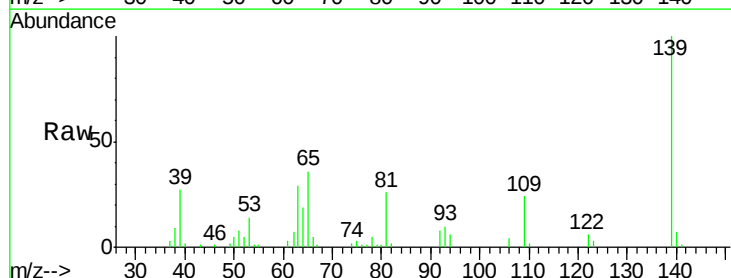
Tgt Ion: 139 Resp: 44627

Ion Ratio Lower Upper

139 100

109 23.6 20.1 30.1

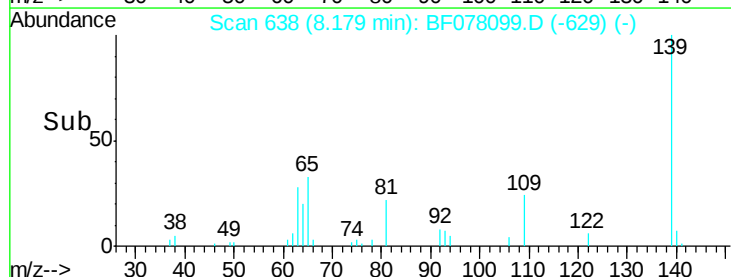
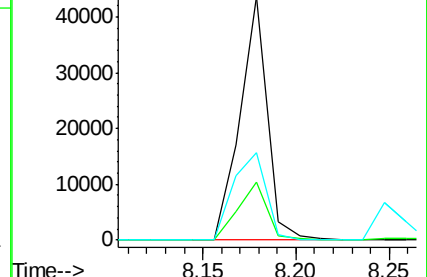
65 36.1 31.5 47.3

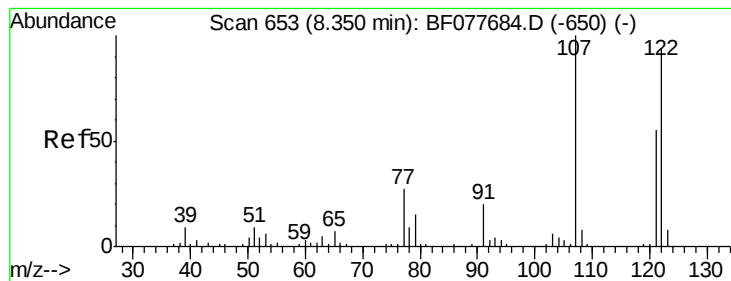


Abundance Ion 139.00 (138.70 to 139.70): BF077684.D (-644) (-)

Ion 109.00 (108.70 to 109.70): BF077684.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BF077684.D (-644) (-)





#27

2,4-Dimethylphenol

Concen: 37.35 ng

RT: 8.25 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

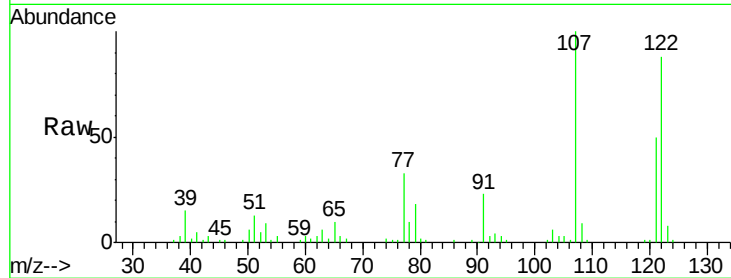
Tgt Ion:122 Resp: 78924

Ion Ratio Lower Upper

122 100

107 114.2 84.7 127.1

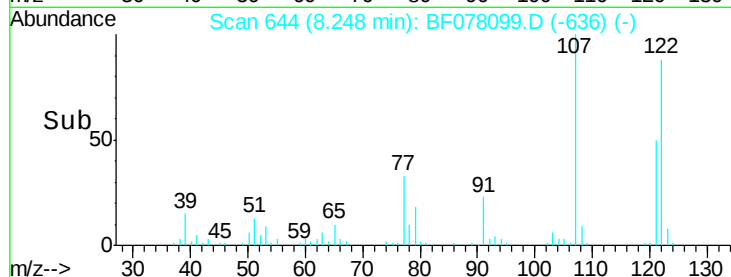
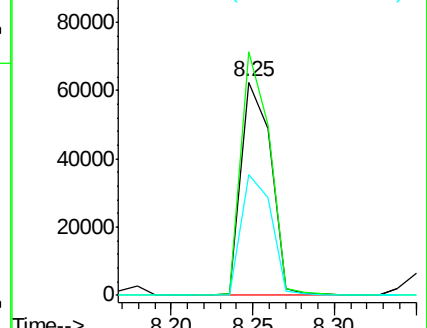
121 56.9 46.6 69.8



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: 38.35 ng

RT: 8.37 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

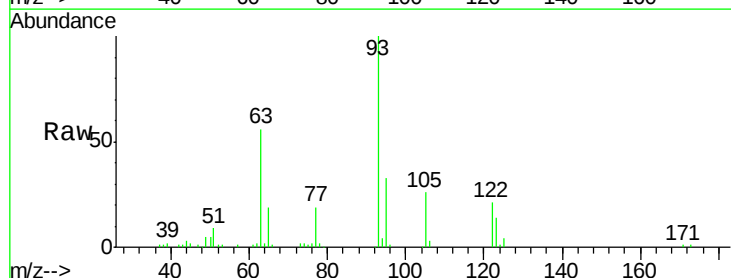
Tgt Ion: 93 Resp: 103384

Ion Ratio Lower Upper

93 100

95 33.3 25.5 38.3

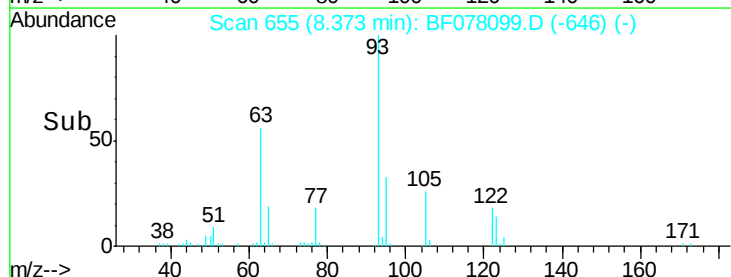
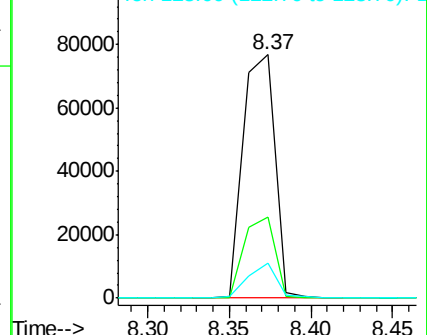
123 14.4 8.6 13.0#

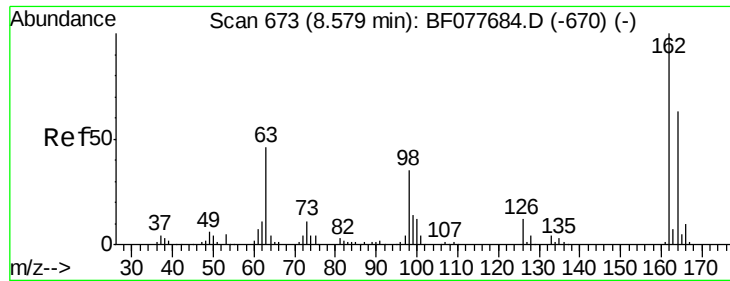


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

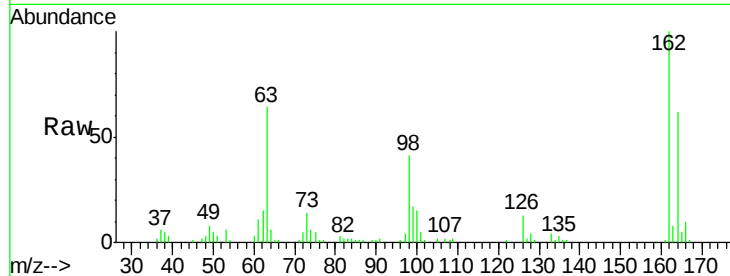




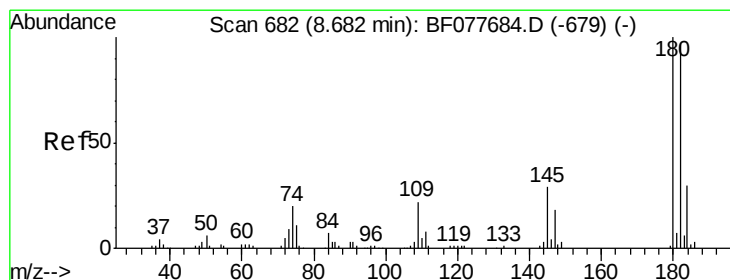
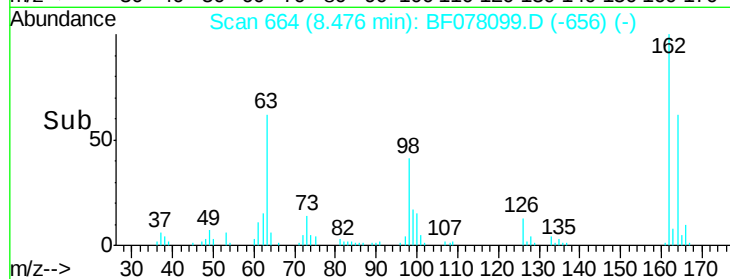
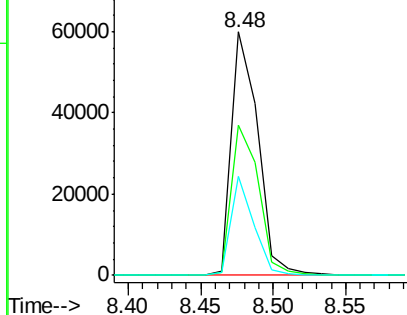
#29
 2,4-Dichlorophenol
 Concen: 37.70 ng
 RT: 8.48 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.6	42.8	82.8
98	40.6	14.5	54.5

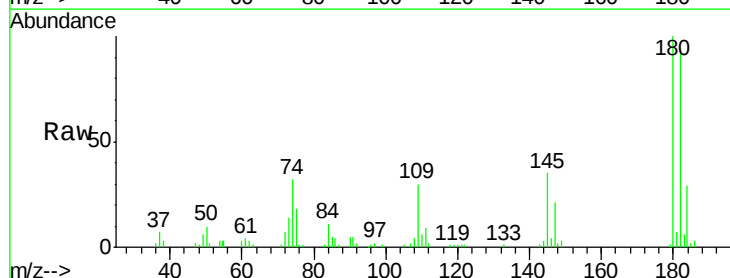


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

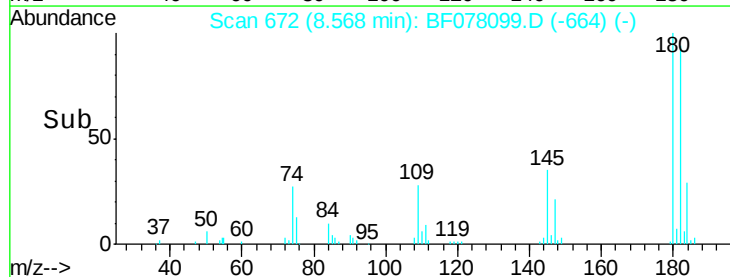
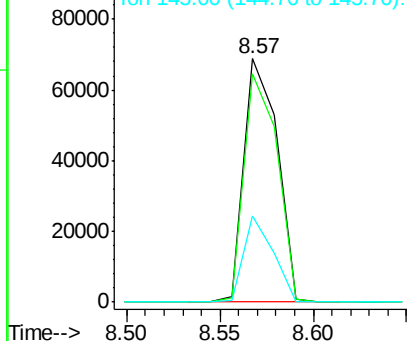


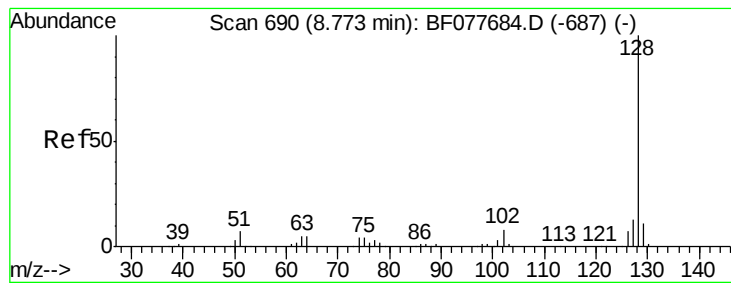
#30
 1,2,4-Trichlorobenzene
 Concen: 37.83 ng
 RT: 8.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.6	116.4
145	35.5	23.4	35.2



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





#31

Naphthalene

Concen: 38.32 ng

RT: 8.66 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

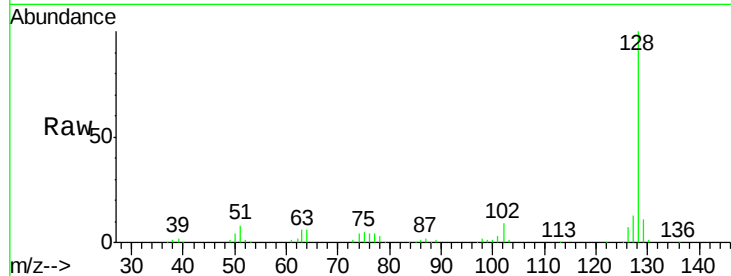
Tgt Ion:128 Resp: 283665

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

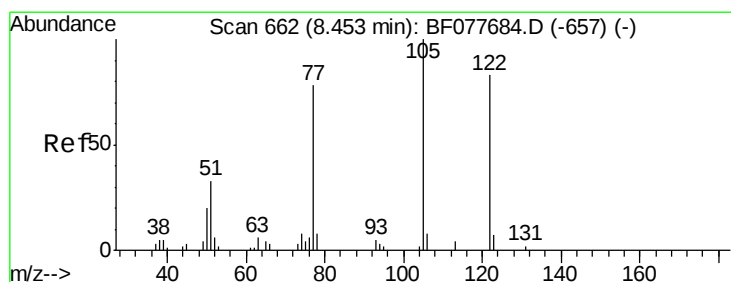
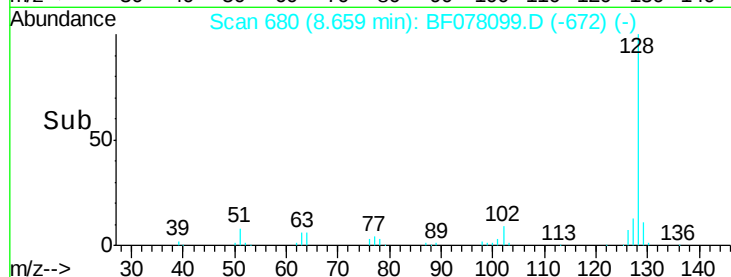
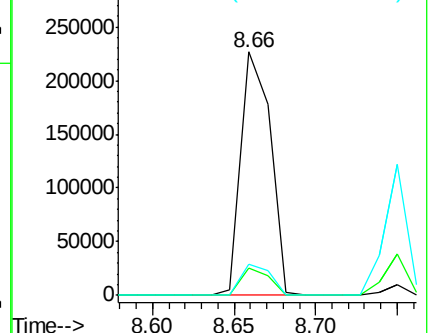
127 12.7 10.4 15.6



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: 32.59 ng

RT: 8.37 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

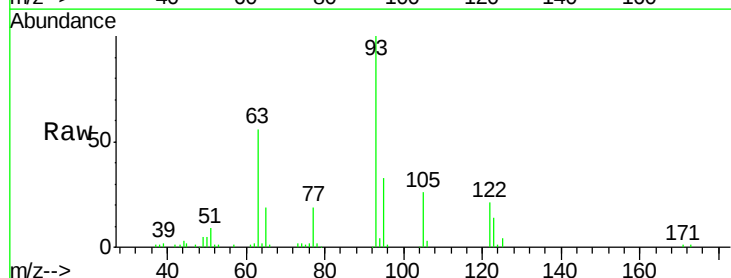
Tgt Ion:122 Resp: 37157

Ion Ratio Lower Upper

122 100

105 124.3 99.9 139.9

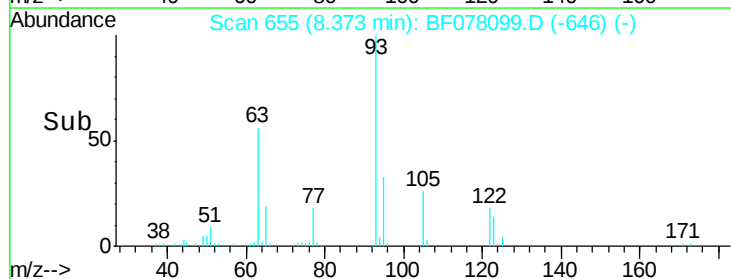
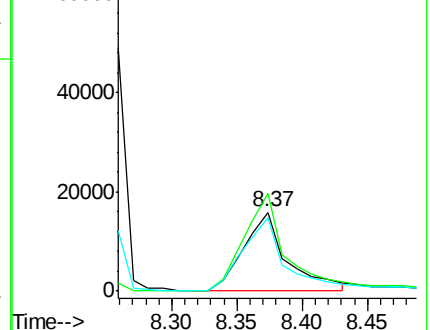
77 93.7 73.7 113.7



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

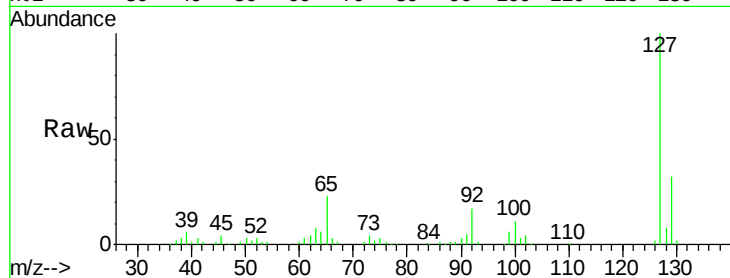




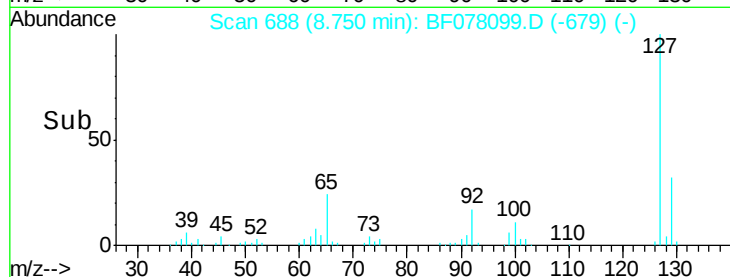
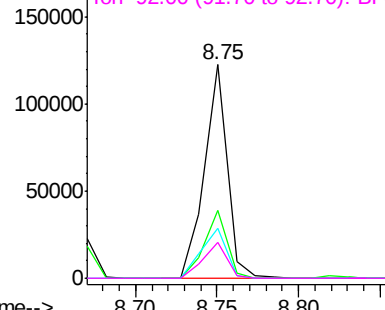
#33
 4-Chloroaniline
 Concen: 39.10 ng
 RT: 8.75 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	127	Resp:	117483
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.3	37.9
65	23.4	17.6	26.4
92	16.8	13.1	19.7

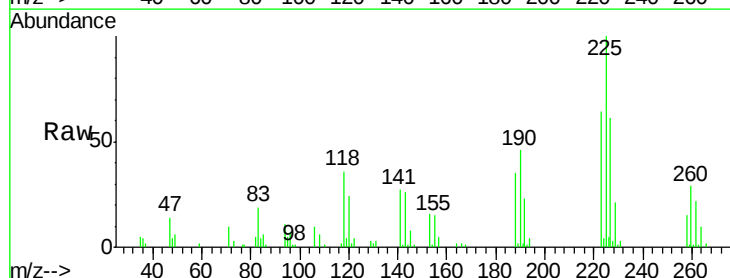


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

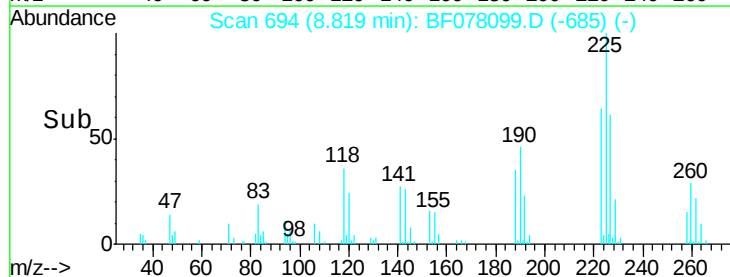
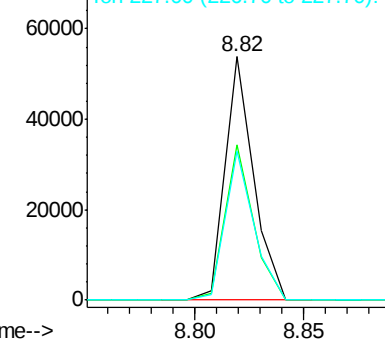


#34
 Hexachlorobutadiene
 Concen: 38.28 ng
 RT: 8.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

Tgt Ion:	225	Resp:	48888
Ion	Ratio	Lower	Upper
225	100		
223	63.6	47.9	71.9
227	61.3	50.1	75.1



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

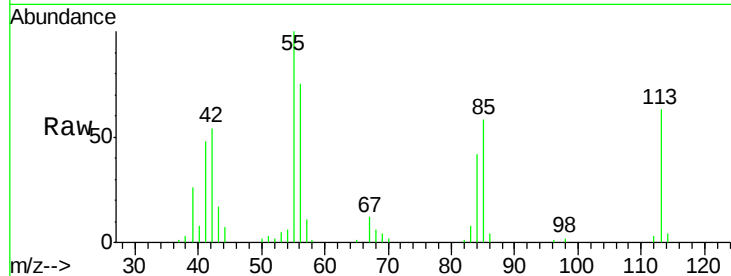




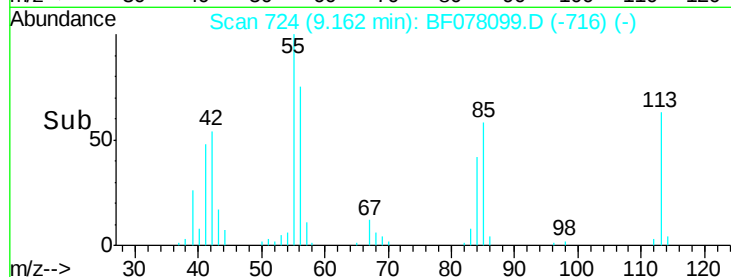
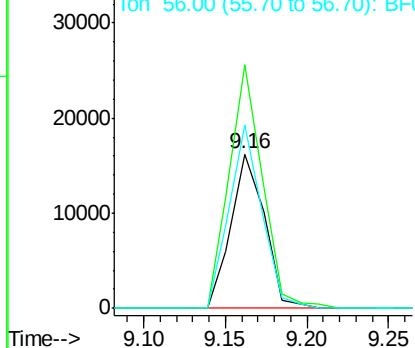
#35
 Caprolactam
 Concen: 39.32 ng
 RT: 9.16 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 23145
 Ion Ratio Lower Upper
 113 100
 55 157.8 145.9 185.9
 56 119.1 101.0 141.0

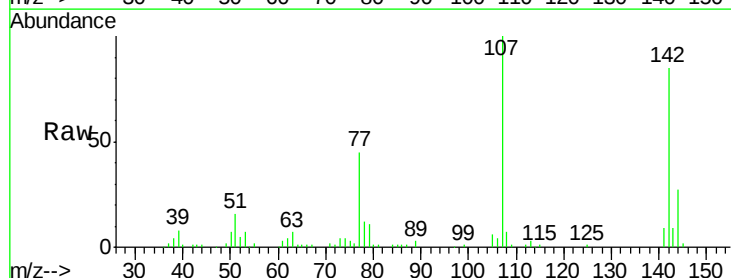


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

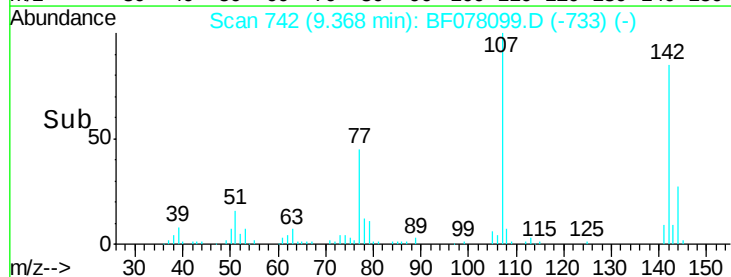
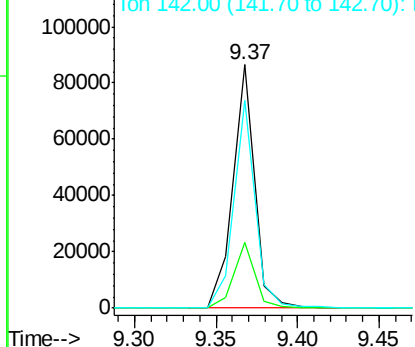


#36
 4-Chloro-3-methylphenol
 Concen: 39.29 ng
 RT: 9.37 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

Tgt Ion:107 Resp: 79617
 Ion Ratio Lower Upper
 107 100
 144 27.0 23.3 34.9
 142 85.4 72.6 109.0



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





#37

2-Methylnaphthalene

Concen: 38.15 ng

RT: 9.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

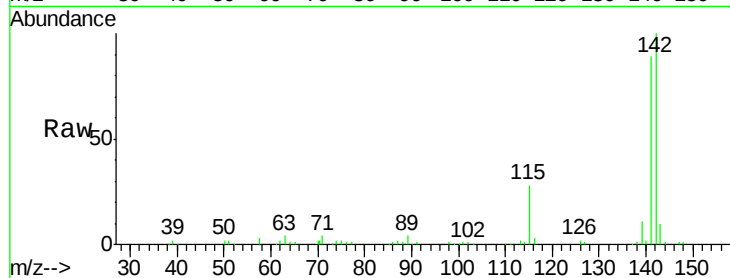
Tgt Ion:142 Resp: 189757

Ion Ratio Lower Upper

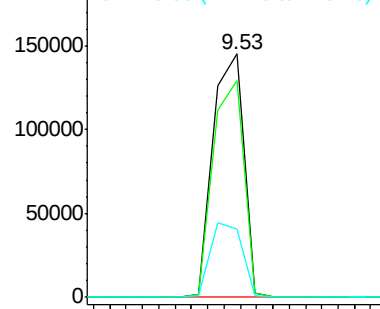
142 100

141 88.9 71.9 107.9

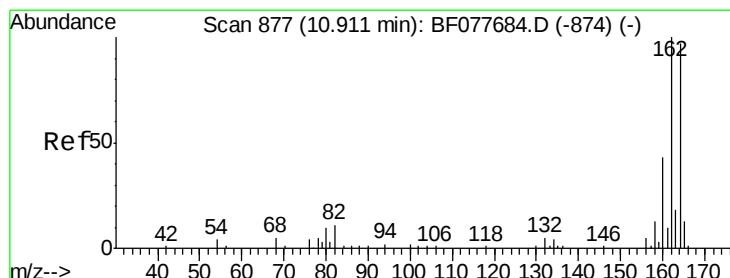
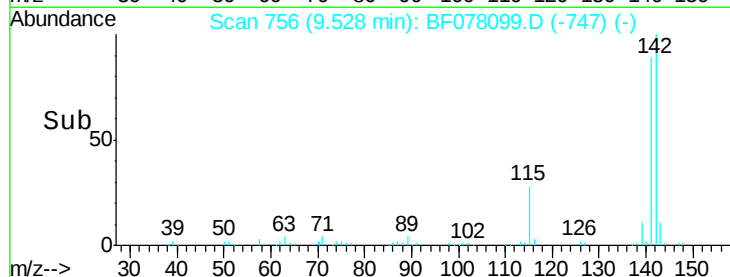
115 28.0 25.4 38.0



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



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.81 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF078099.D

Acq: 30 Mar 2015 23:37

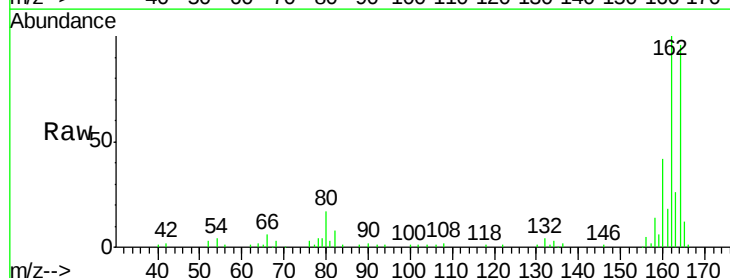
Tgt Ion:164 Resp: 71229

Ion Ratio Lower Upper

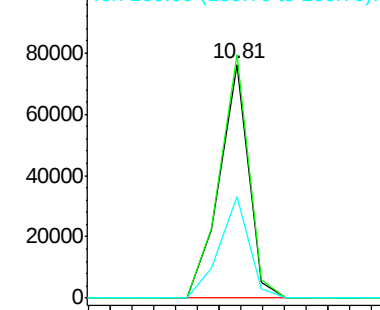
164 100

162 104.2 82.4 123.6

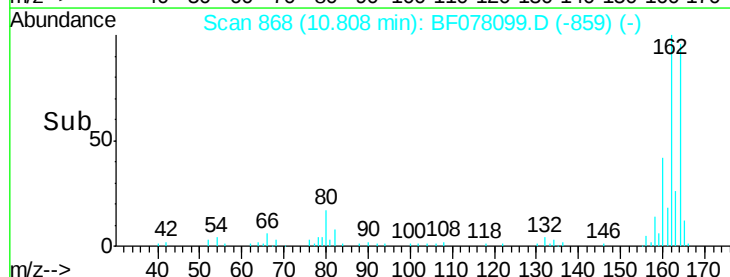
160 43.5 35.8 53.6

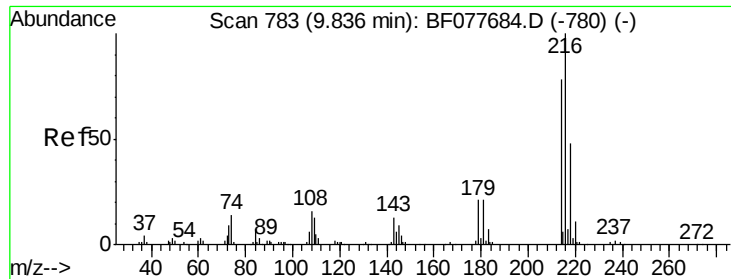


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

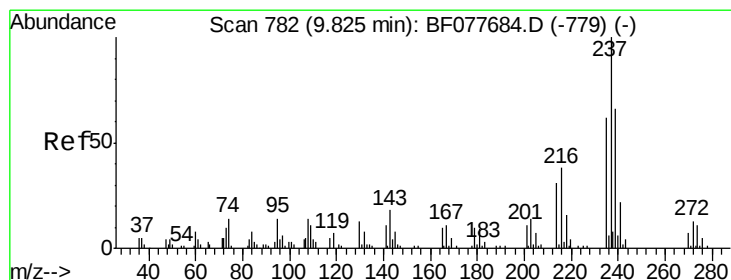
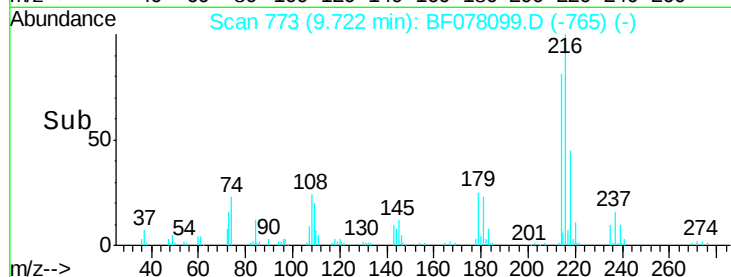
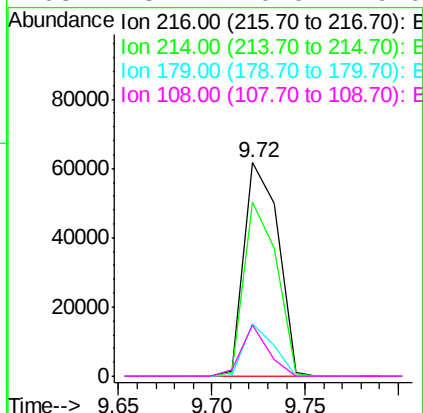
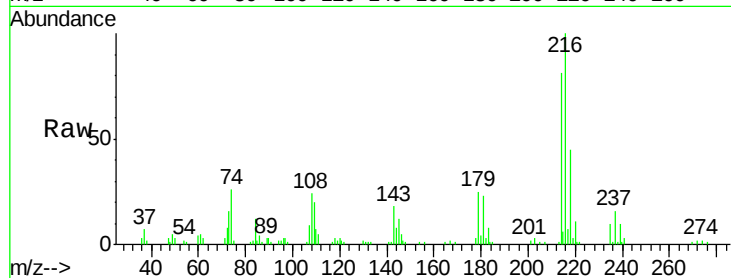




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.82 ng
 RT: 9.72 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

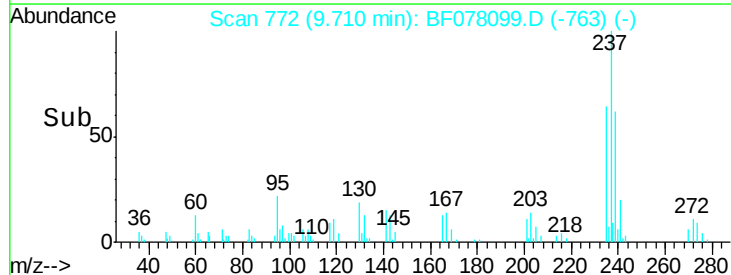
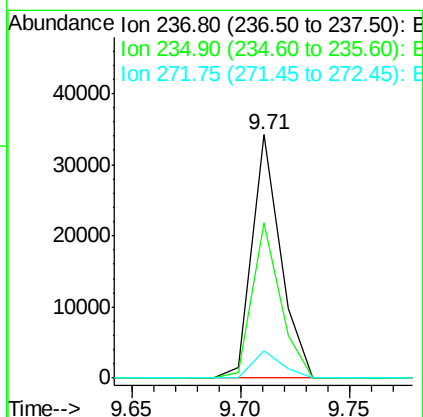
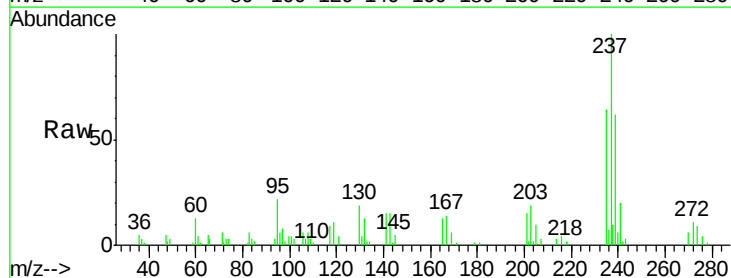
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

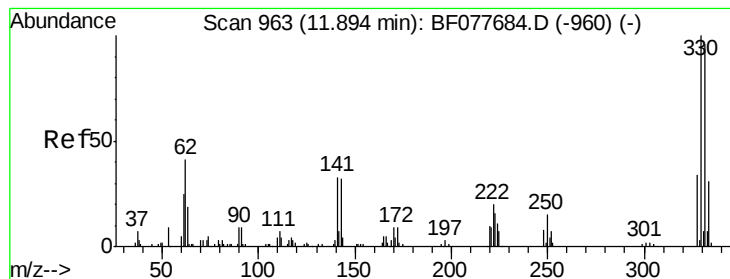
Tgt Ion:	216	Resp:	78224
Ion	Ratio	Lower	Upper
216	100		
214	78.1	0.0	0.0#
179	21.4	0.0	0.0#
108	18.7	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 31.34 ng
 RT: 9.71 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

Tgt Ion:	237	Resp:	31202
Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.0	82.0
272	11.4	0.0	33.4

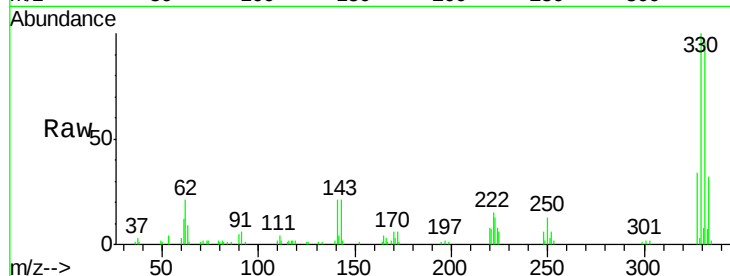




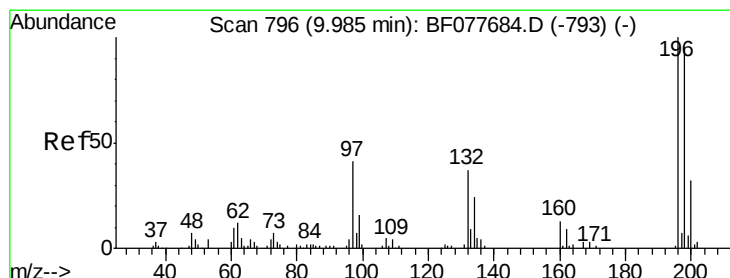
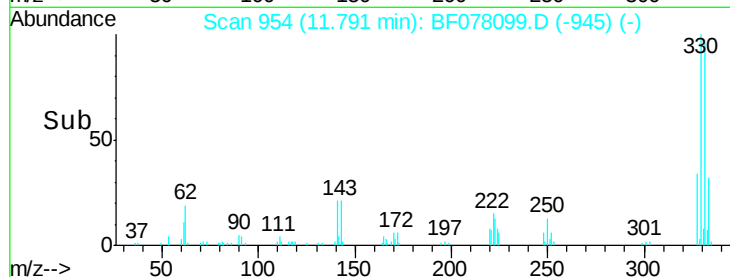
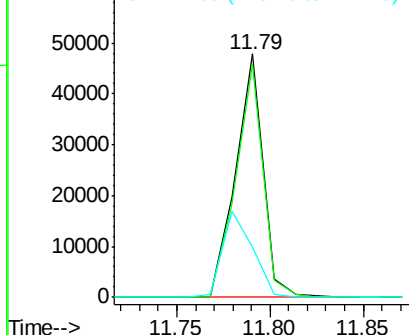
#41
 2,4,6-Tribromophenol
 Concen: 72.70 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 49544
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 38.7 0.0 0.0#

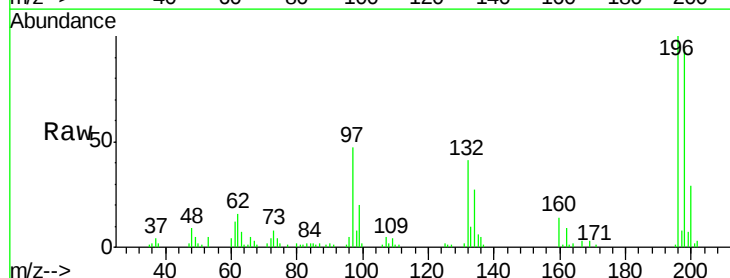


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

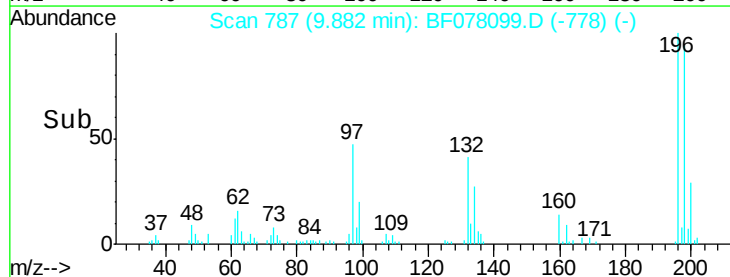
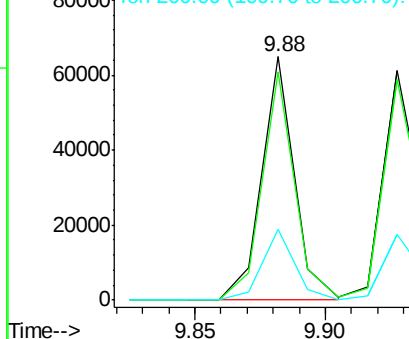


#42
 2,4,6-Trichlorophenol
 Concen: 38.51 ng
 RT: 9.88 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

Tgt Ion:196 Resp: 56675
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.3 114.5
 200 29.1 25.6 38.4



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

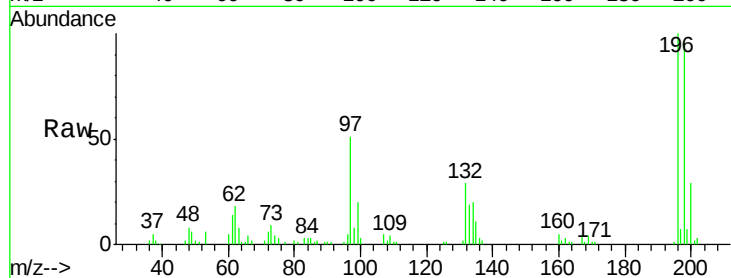




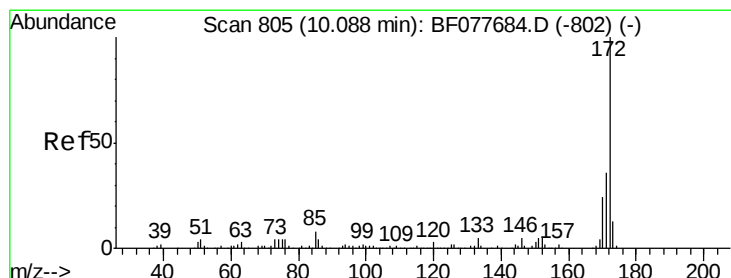
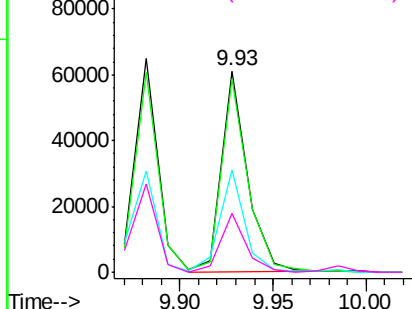
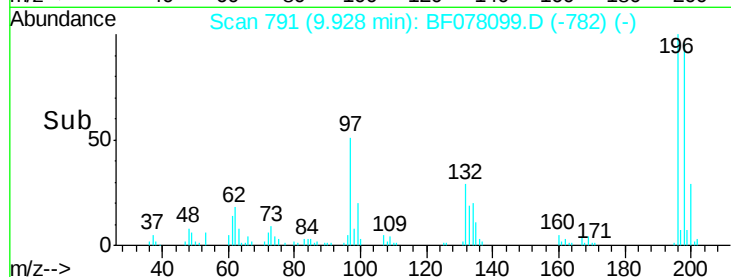
#43
 2,4,5-Trichlorophenol
 Concen: 37.40 ng
 RT: 9.93 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 59460
 Ion Ratio Lower Upper
 196 100
 198 96.1 79.4 119.0
 97 51.2 26.8 40.2#
 132 29.4 18.6 28.0#

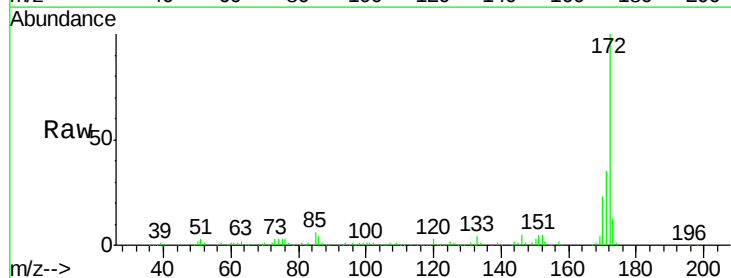


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

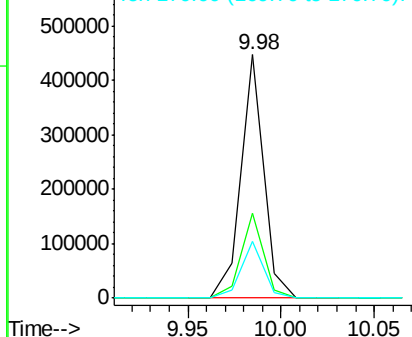
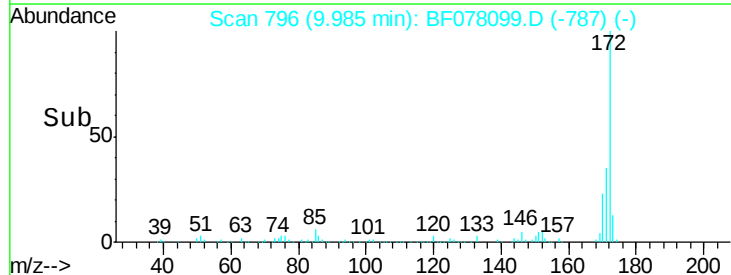


#44
 2-Fluorobiphenyl
 Concen: 79.05 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

Tgt Ion:172 Resp: 383158
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.4 18.8 28.2



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

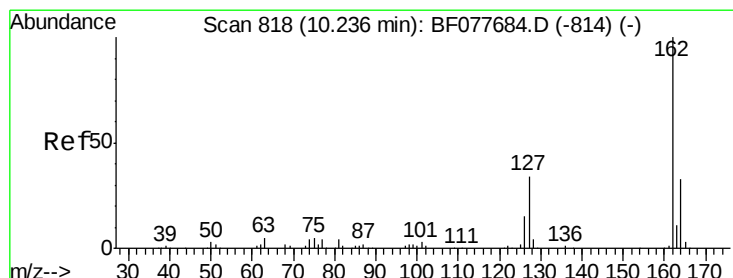
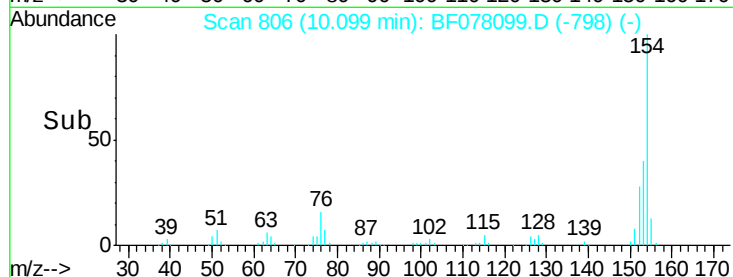
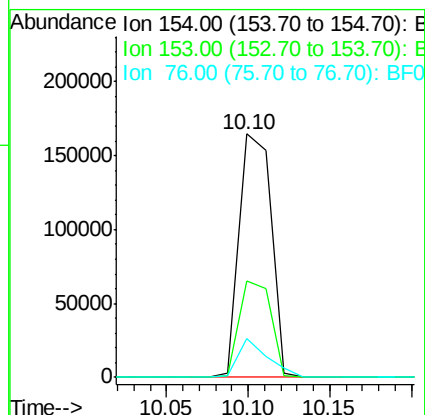
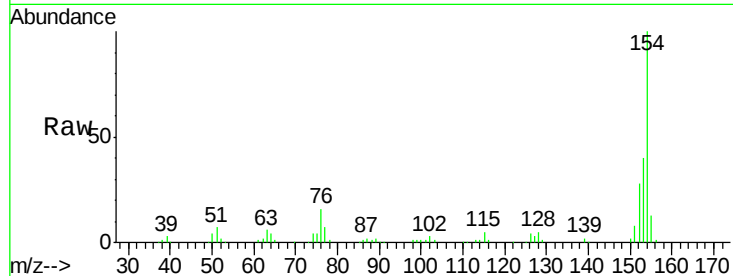




#45
 1,1'-Biphenyl
 Concen: 38.98 ng
 RT: 10.10 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 221946
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.7 60.7
 76 16.0 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 40.12 ng
 RT: 10.12 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF078099.D
 Acq: 30 Mar 2015 23:37

Tgt Ion:162 Resp: 185639
 Ion Ratio Lower Upper
 162 100
 127 38.3 26.9 40.3
 164 32.2 26.8 40.2

