

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040115\
 Data File : BF078174.D
 Acq On : 2 Apr 2015 1:47
 Operator : TP/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040EC

Quant Time: Apr 02 04:33:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 04:05:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	36780	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	154533	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	76827	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	143612	20.00	ng	0.00
75) Chrysene-d12	15.87	240	153404	20.00	ng	0.00
86) Perylene-d12	17.59	264	143887	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	187001	83.83	ng	-0.01
7) Phenol-d6	6.60	99	229952	82.25	ng	0.00
23) Nitrobenzene-d5	7.72	82	202377	79.38	ng	0.01
41) 2,4,6-Tribromophenol	11.75	330	55833	87.63	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	429800	79.97	ng	0.00
78) Terphenyl-d14	14.59	244	547075	80.58	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.86	88	42483	42.12	ng	97
3) Pyridine	2.49	79	105742	40.02	ng	99
4) n-Nitrosodimethylamine	2.43	42	41312	40.62	ng	98
6) Aniline	6.60	93	162323	40.94	ng	99
8) 2-Chlorophenol	6.75	128	109065	41.35	ng	100
9) Benzaldehyde	6.46	77	76978	41.54	ng	98
10) Phenol	6.62	94	136593	40.78	ng	99
11) bis(2-Chloroethyl)ether	6.72	93	101684	42.21	ng	99
12) 1,3-Dichlorobenzene	6.93	146	117430	40.53	ng	98
13) 1,4-Dichlorobenzene	7.04	146	119276	40.90	ng	99
14) 1,2-Dichlorobenzene	7.22	146	111142	40.64	ng	99
15) Benzyl Alcohol	7.21	79	80737	41.10	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	130772	40.70	ng	99
17) 2-Methylphenol	7.37	107	85852	41.92	ng	99
18) Hexachloroethane	7.64	117	42061	42.77	ng	98
19) n-Nitroso-di-n-propylamine	7.55	70	77164	41.83	ng	99
20) 3+4-Methylphenols	7.56	107	115492	42.27	ng	99
22) Acetophenone	7.54	105	147756	41.04	ng	99
24) Nitrobenzene	7.74	77	105481	39.58	ng	100
25) Isophorone	8.04	82	205334	42.44	ng	99
26) 2-Nitrophenol	8.13	139	55120	43.40	ng	99
27) 2,4-Dimethylphenol	8.21	122	95182	40.30	ng	97
28) bis(2-Chloroethoxy)methane	8.33	93	126793	40.87	ng	99
29) 2,4-Dichlorophenol	8.44	162	87784	40.86	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	97255	39.48	ng	99
31) Naphthalene	8.62	128	322867	40.14	ng	99
32) Benzoic acid	8.34	122	42703	39.60	ng	98
33) 4-Chloroaniline	8.70	127	138399	41.47	ng	99
34) Hexachlorobutadiene	8.78	225	54633	40.39	ng	99
35) Caprolactam	9.14	113	28091	43.80	ng	# 76
36) 4-Chloro-3-methylphenol	9.32	107	92403	42.62	ng	98
37) 2-Methylnaphthalene	9.48	142	218527	40.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	96706	40.62	ng	99
40) Hexachlorocyclopentadiene	9.68	237	37730	39.83	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040115\
 Data File : BF078174.D
 Acq On : 2 Apr 2015 1:47
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

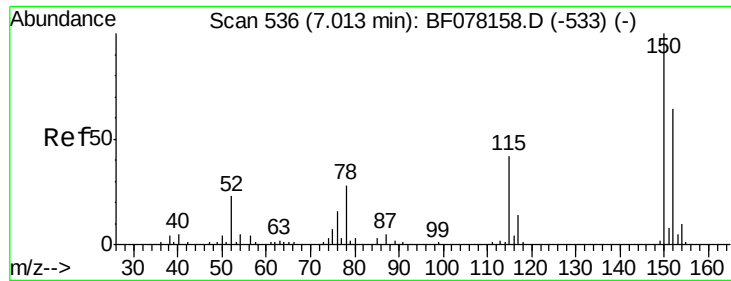
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Apr 02 04:33:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	63414	42.24	ng	99
43) 2,4,5-Trichlorophenol	9.88	196	64822	41.33	ng	99
45) 1,1'-Biphenyl	10.06	154	262445	41.76	ng	100
46) 2-Chloronaphthalene	10.08	162	197396	39.92	ng	98
47) 2-Nitroaniline	10.21	65	52035	42.54	ng	97
48) Acenaphthylene	10.59	152	328957	41.20	ng	100
49) Dimethylphthalate	10.45	163	229087	39.69	ng	100
50) 2,6-Dinitrotoluene	10.53	165	50333	42.39	ng	94
51) Acenaphthene	10.80	154	181645	40.41	ng	99
52) 3-Nitroaniline	10.73	138	59087	43.76	ng	99
53) 2,4-Dinitrophenol	10.87	184	14953	43.36	ng	98
54) Dibenzofuran	11.01	168	278838	40.61	ng	99
55) 4-Nitrophenol	10.97	139	36437	38.15	ng	97
56) 2,4-Dinitrotoluene	11.03	165	69201	44.99	ng	99
57) Fluorene	11.44	166	220653	39.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	50991	43.85	ng	99
59) Diethylphthalate	11.33	149	232884	41.85	ng	99
60) 4-Chlorophenyl-phenylether	11.45	204	103377	40.38	ng	# 72
61) 4-Nitroaniline	11.48	138	60480	44.31	ng	98
62) Azobenzene	11.64	77	204565	40.28	ng	99
64) 4,6-Dinitro-2-methylphenol	11.52	198	25901	38.41	ng	97
65) n-Nitrosodiphenylamine	11.61	169	207393	41.75	ng	99
66) 4-Bromophenyl-phenylether	12.05	248	62470	41.07	ng	99
67) Hexachlorobenzene	12.11	284	66578	39.95	ng	98
68) Atrazine	12.28	200	63418	44.08	ng	98
69) Pentachlorophenol	12.36	266	26905	40.63	ng	98
70) Phenanthrene	12.63	178	343803	41.39	ng	100
71) Anthracene	12.68	178	331422	40.49	ng	100
72) Carbazole	12.90	167	315165	41.08	ng	99
73) Di-n-butylphthalate	13.36	149	364638	41.96	ng	99
74) Fluoranthene	14.09	202	359906	41.08	ng	99
76) Benzidine	14.28	184	220722	37.23	ng	99
77) Pyrene	14.37	202	398134	41.34	ng	99
79) Butylbenzylphthalate	15.21	149	156972	42.77	ng	99
80) Benzo(a)anthracene	15.86	228	358707	39.30	ng	99
81) 3,3'-Dichlorobenzidine	15.85	252	121544	39.76	ng	98
82) Chrysene	15.91	228	342169	39.90	ng	100
83) Bis(2-ethylhexyl)phthalate	15.94	149	236975	41.17	ng	99
84) Di-n-octyl phthalate	16.73	149	396604	41.96	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.90	276	385966	39.66	ng	# 85
87) Benzo(b)fluoranthene	17.15	252	352808	39.67	ng	99
88) Benzo(k)fluoranthene	17.15	252	352808	44.64	ng	# 93
89) Benzo(a)pyrene	17.53	252	317704	40.94	ng	99
90) Dibenzo(a,h)anthracene	18.93	278	310242	39.93	ng	99
91) Benzo(g,h,i)perylene	19.29	276	311796	40.02	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

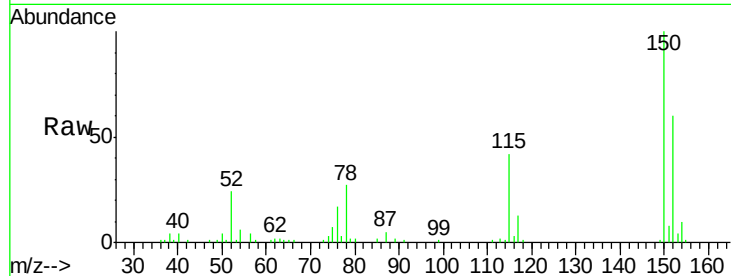
Tgt Ion:152 Resp: 36780

Ion Ratio Lower Upper

152 100

150 167.8 125.9 188.9

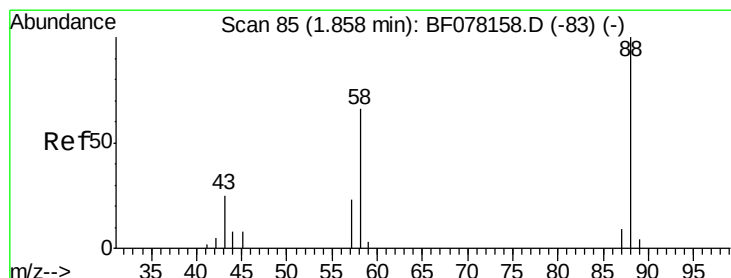
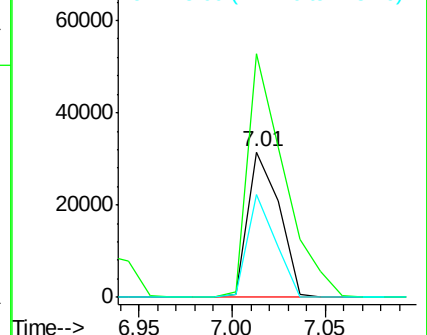
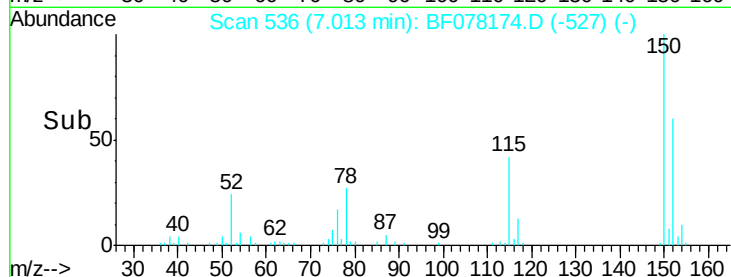
115 70.9 52.7 79.1



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: 42.12 ng

RT: 1.86 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

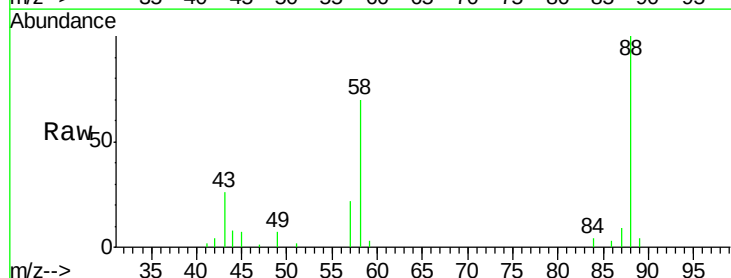
Tgt Ion: 88 Resp: 42483

Ion Ratio Lower Upper

88 100

58 73.0 56.9 85.3

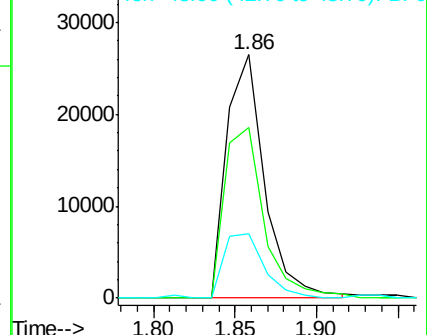
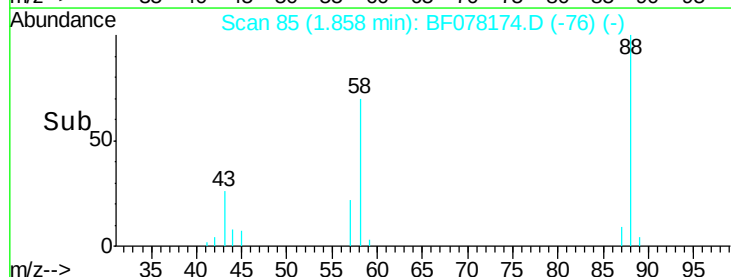
43 28.8 21.4 32.2

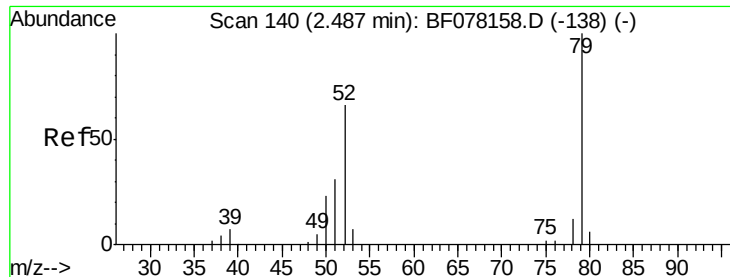


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.02 ng

RT: 2.49 min Scan# 140

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

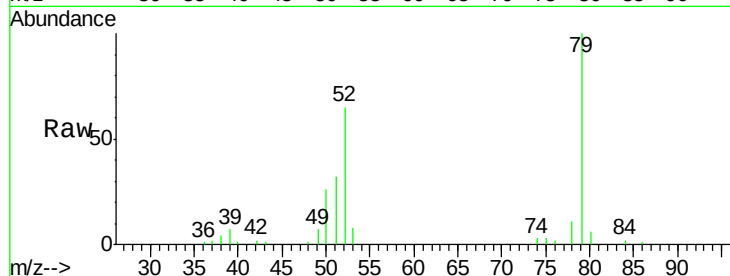
Tgt Ion: 79 Resp: 105742

Ion Ratio Lower Upper

79 100

52 64.8 52.4 78.6

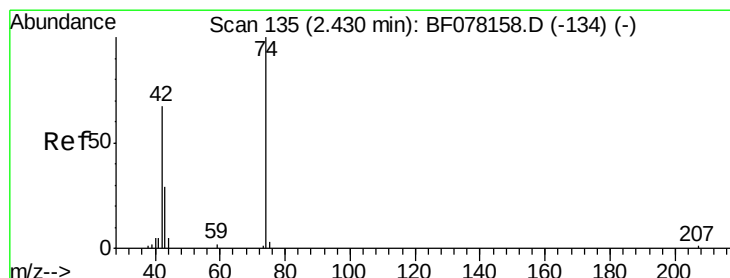
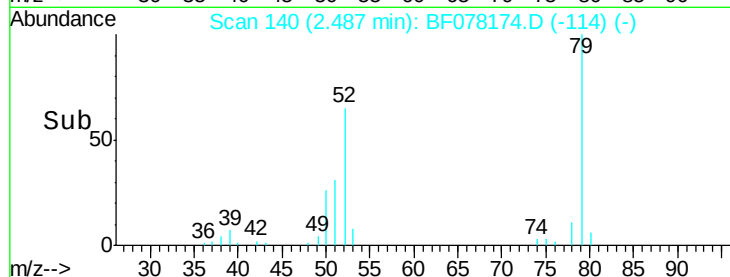
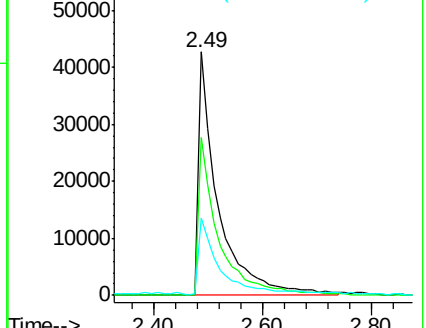
51 31.6 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.62 ng

RT: 2.43 min Scan# 135

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

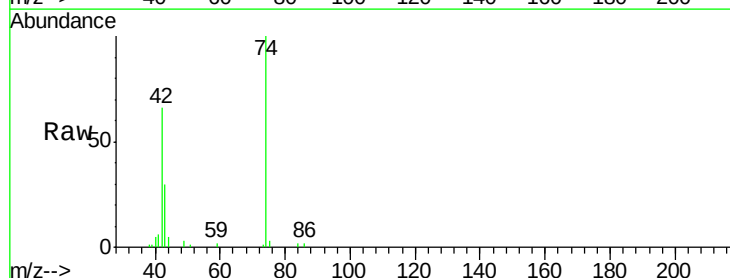
Tgt Ion: 42 Resp: 41312

Ion Ratio Lower Upper

42 100

74 150.7 118.7 178.1

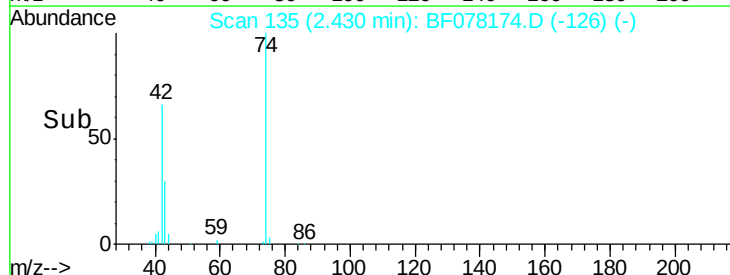
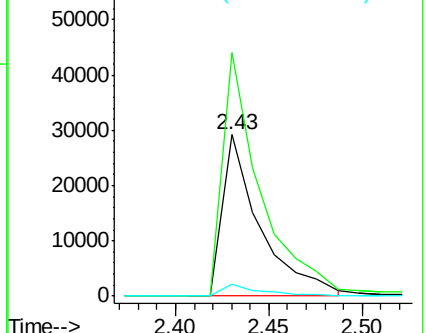
44 7.2 5.9 8.9

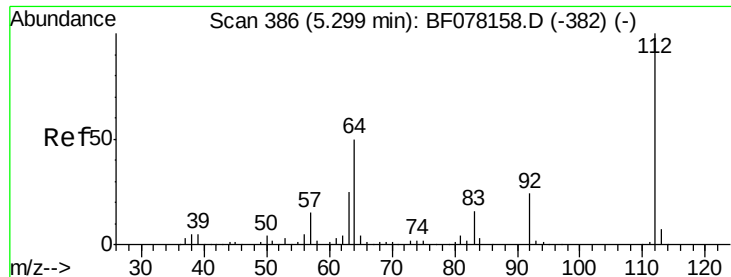


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.83 ng

RT: 5.29 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

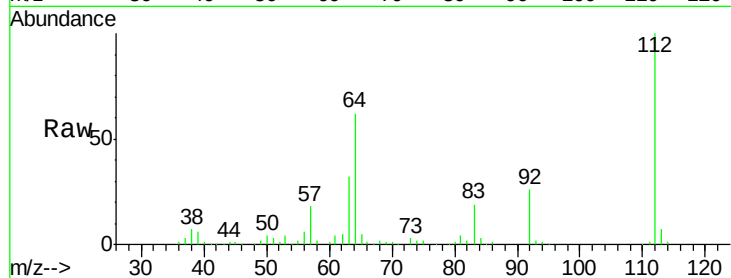
Tgt Ion: 112 Resp: 187001

Ion Ratio Lower Upper

112 100

64 62.2 39.9 59.9#

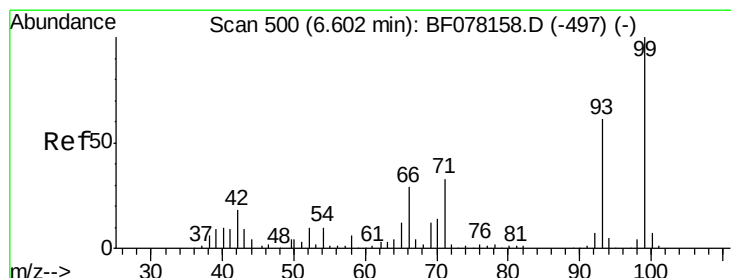
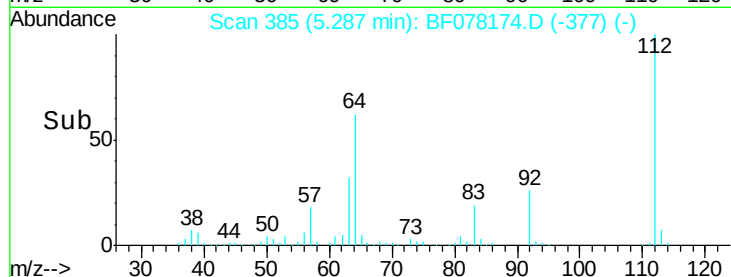
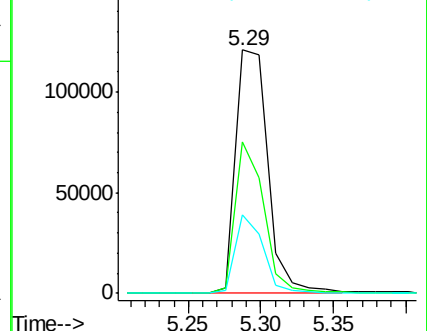
63 32.3 20.2 30.4#



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: 40.94 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

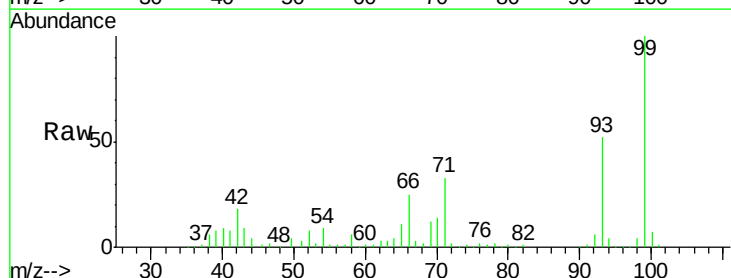
Tgt Ion: 93 Resp: 162323

Ion Ratio Lower Upper

93 100

66 47.0 38.0 57.0

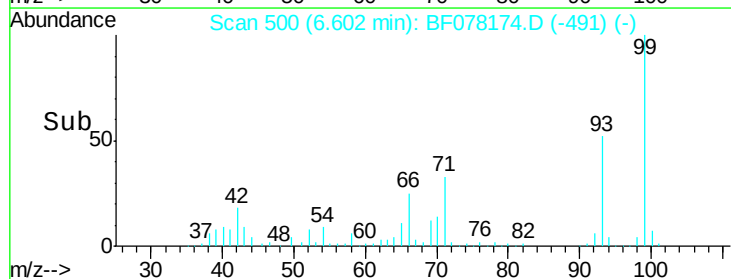
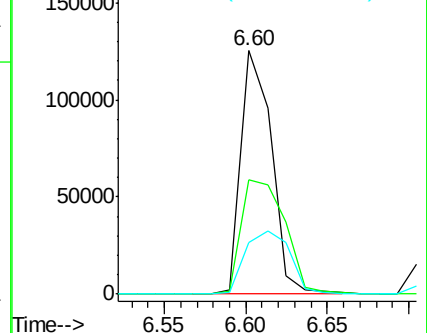
65 21.1 16.3 24.5

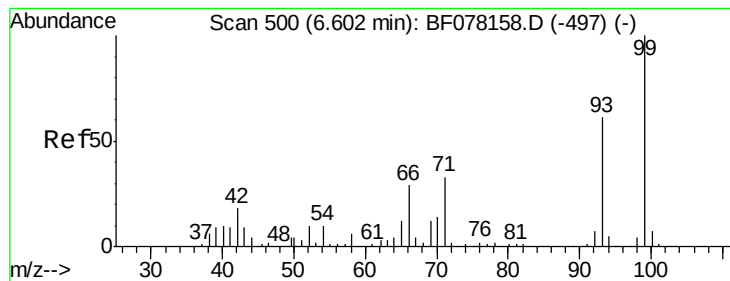


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.25 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

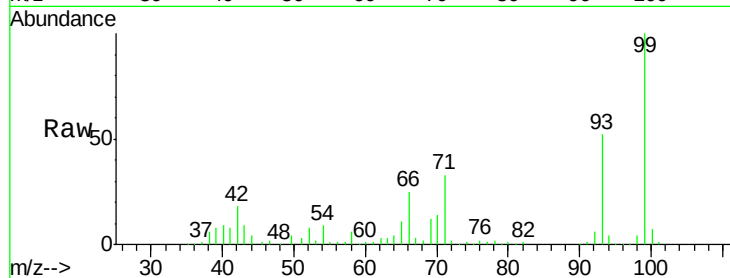
Tgt Ion: 99 Resp: 229952

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

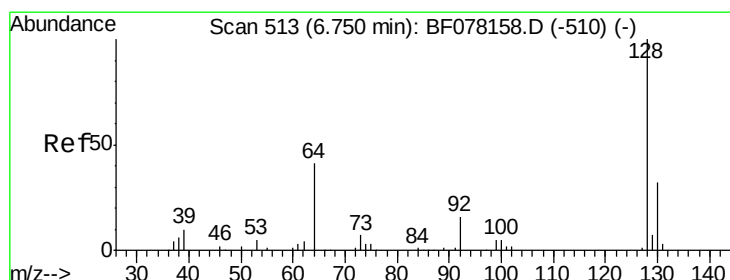
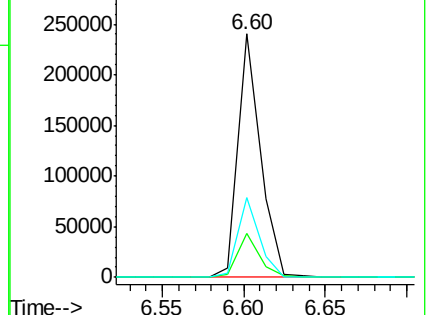
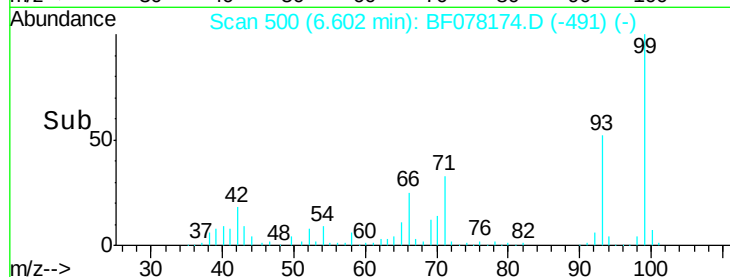
71 32.7 26.6 39.8



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: 41.35 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

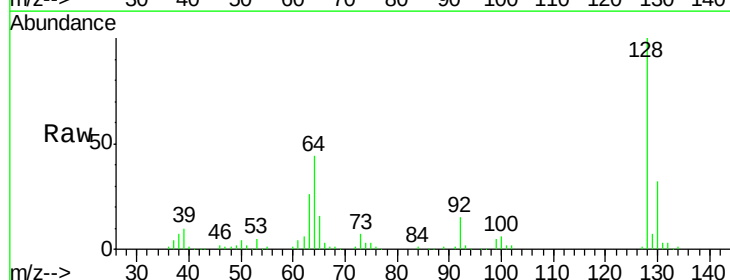
Tgt Ion: 128 Resp: 109065

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

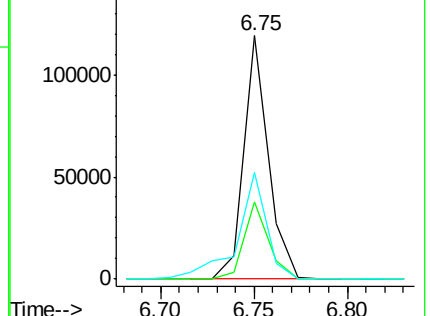
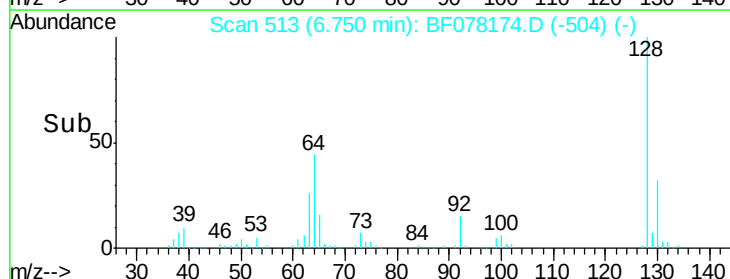
64 43.8 23.8 63.8

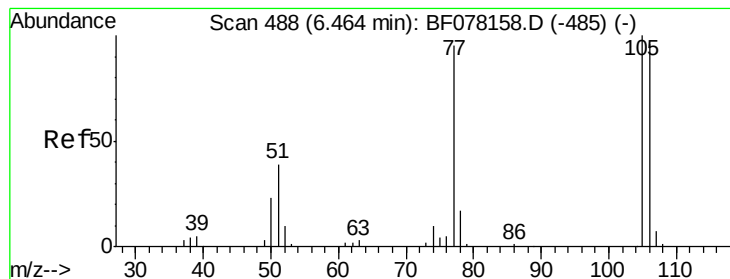


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.54 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

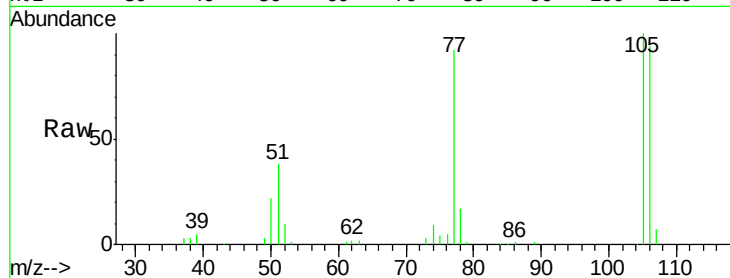
Tgt Ion: 77 Resp: 76978

Ion Ratio Lower Upper

77 100

105 108.8 85.4 125.4

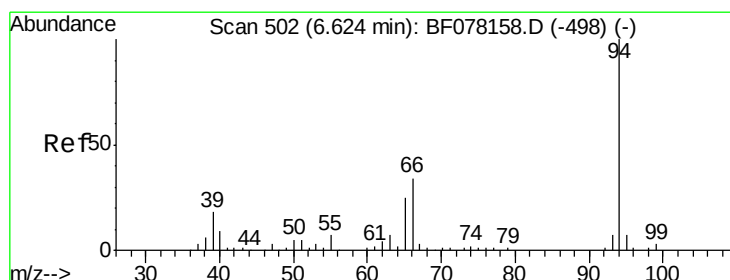
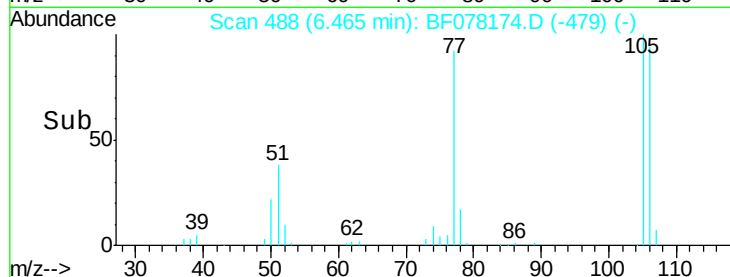
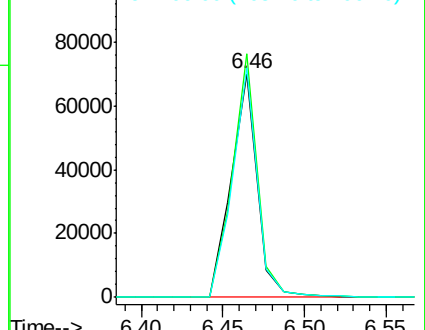
106 102.3 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.78 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

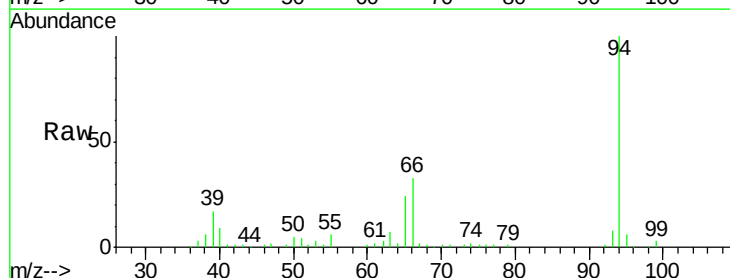
Tgt Ion: 94 Resp: 136593

Ion Ratio Lower Upper

94 100

65 24.0 4.9 44.9

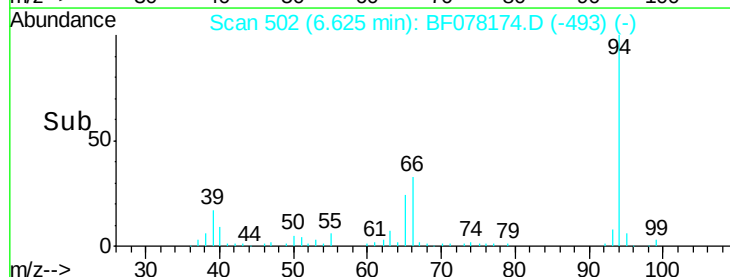
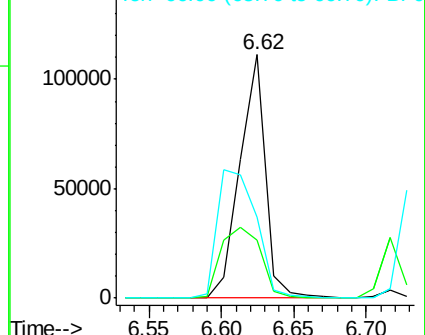
66 33.2 13.8 53.8

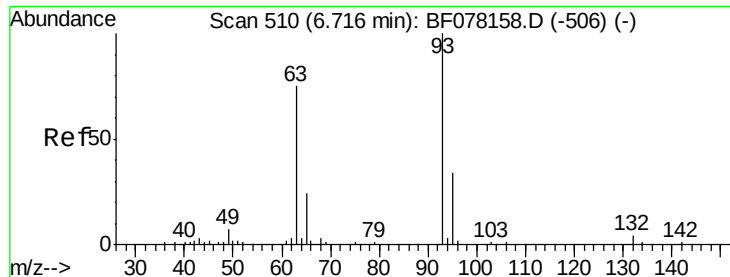


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

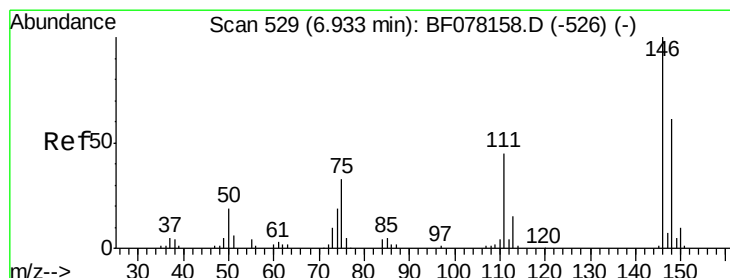
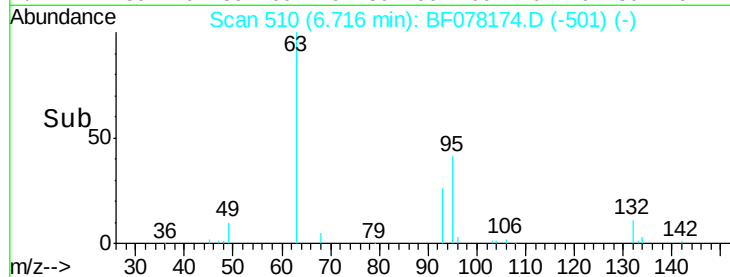
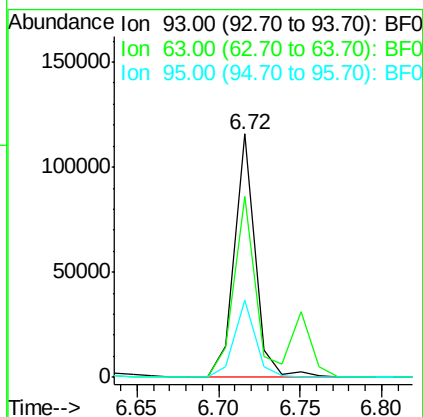
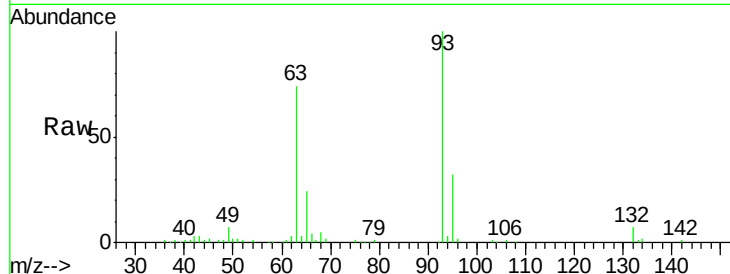




#11
bis(2-Chloroethyl)ether
Concen: 42.21 ng
RT: 6.72 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF078174.D
Acq: 2 Apr 2015 1:47

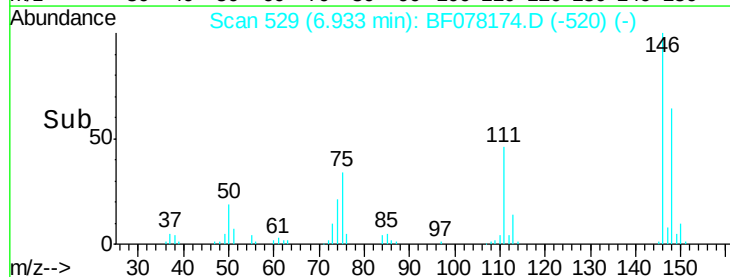
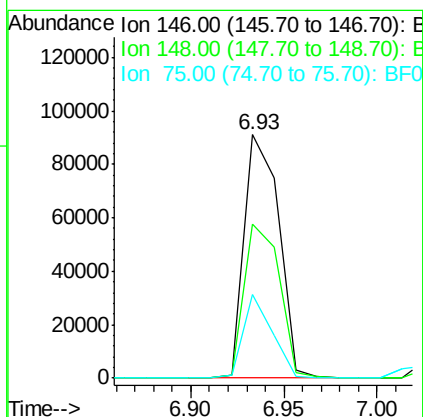
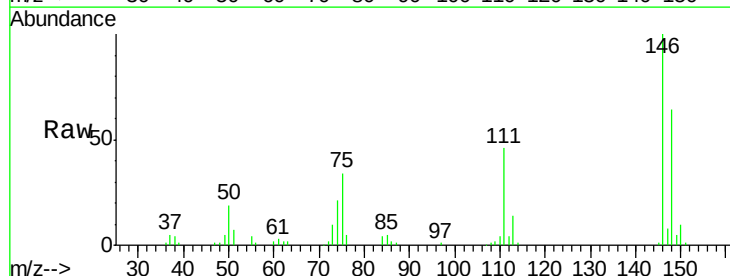
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

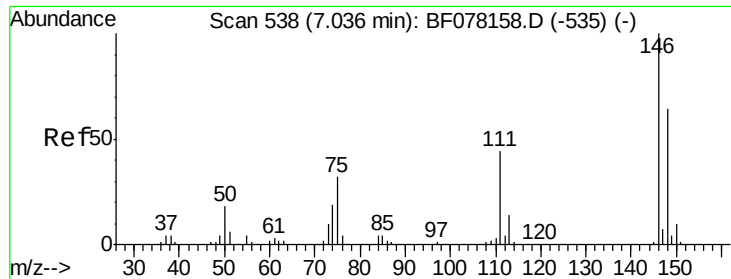
Tgt Ion: 93 Resp: 101684
Ion Ratio Lower Upper
93 100
63 74.4 54.6 94.6
95 31.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.53 ng
RT: 6.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF078174.D
Acq: 2 Apr 2015 1:47

Tgt Ion: 146 Resp: 117430
Ion Ratio Lower Upper
146 100
148 63.5 49.1 73.7
75 34.4 26.6 40.0

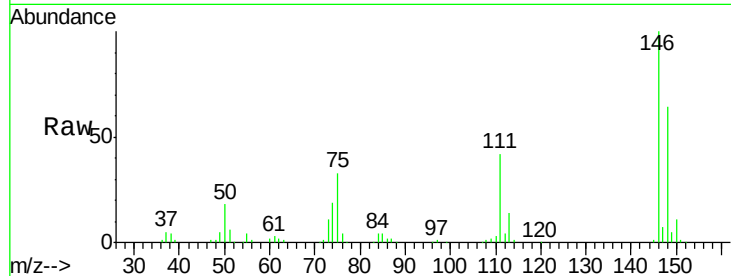




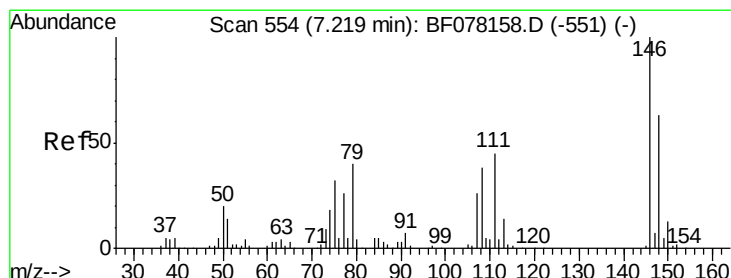
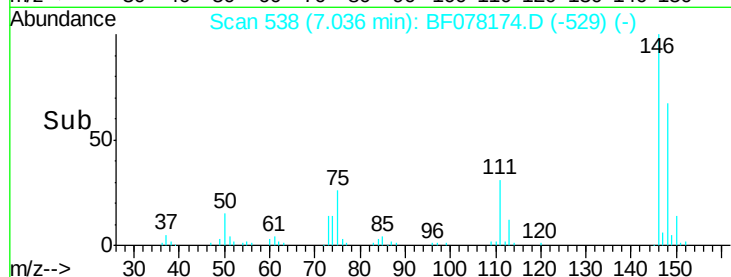
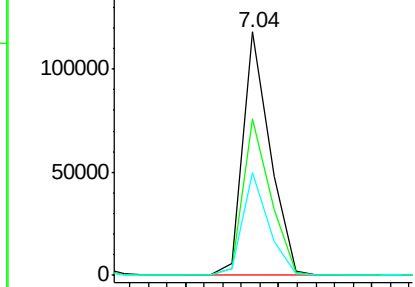
#13
 1,4-Dichlorobenzene
 Concen: 40.90 ng
 RT: 7.04 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF078174.D
 Acq: 2 Apr 2015 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:146 Resp: 119276
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.0
 111 42.5 35.0 52.4

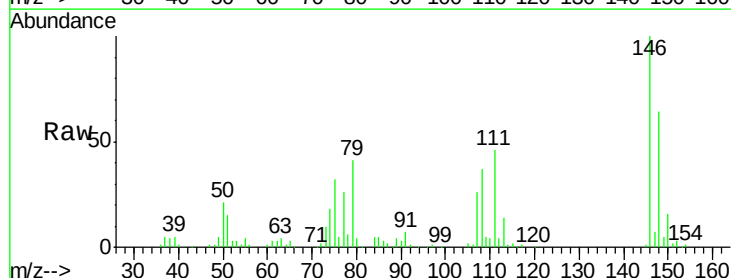


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

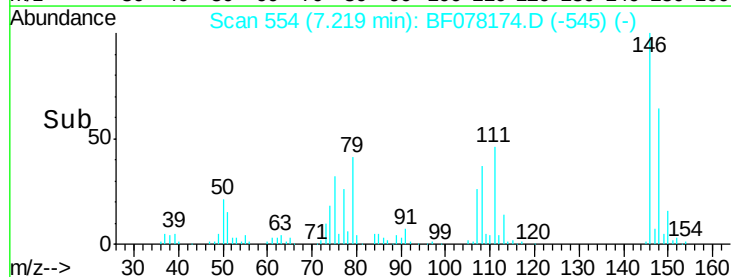
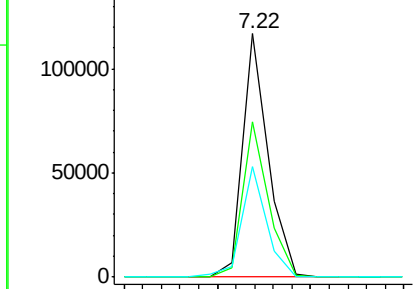


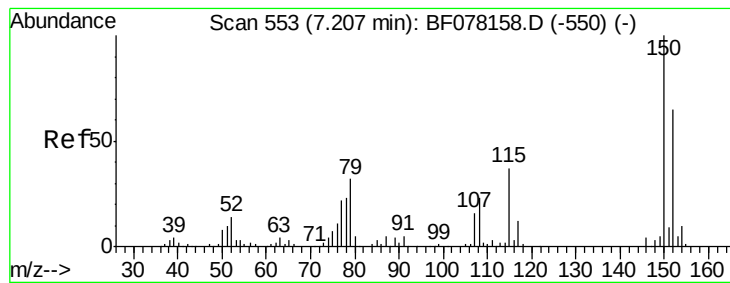
#14
 1,2-Dichlorobenzene
 Concen: 40.64 ng
 RT: 7.22 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF078174.D
 Acq: 2 Apr 2015 1:47

Tgt Ion:146 Resp: 111142
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.2 75.4
 111 45.5 36.1 54.1



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: 41.10 ng

RT: 7.21 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

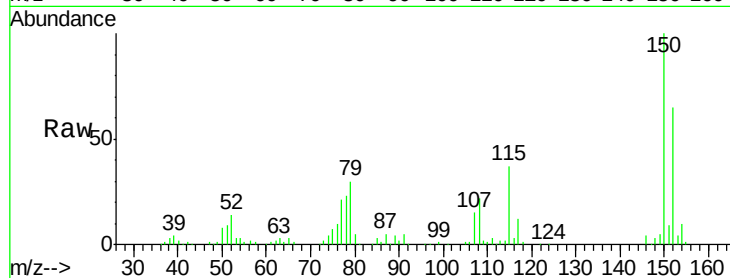
Tgt Ion: 79 Resp: 80737

Ion Ratio Lower Upper

79 100

108 72.4 57.6 86.4

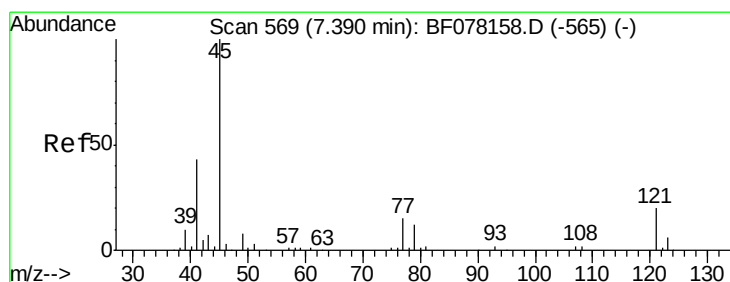
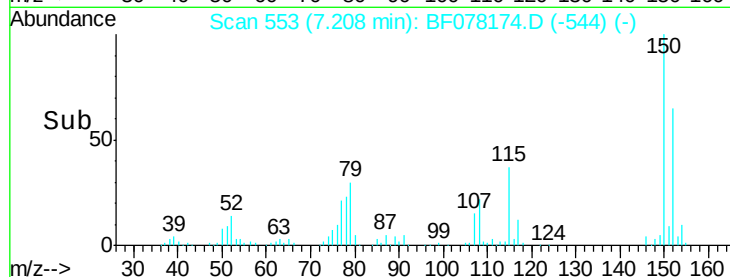
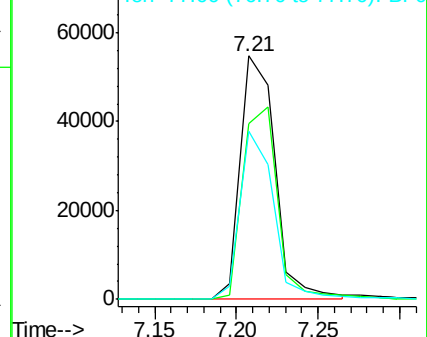
77 69.2 53.5 80.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.70 ng

RT: 7.39 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

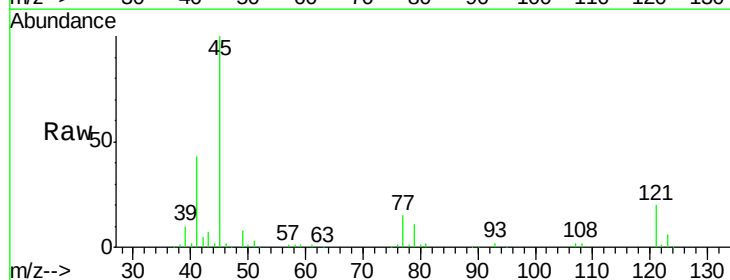
Tgt Ion: 45 Resp: 130772

Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.5

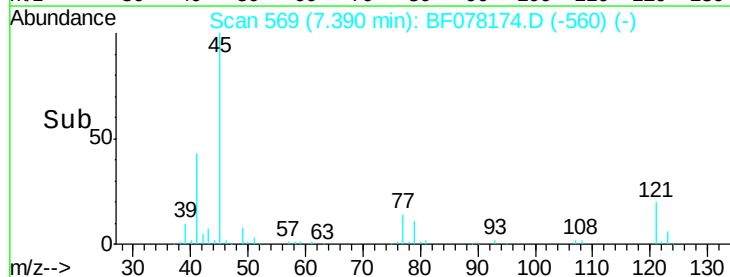
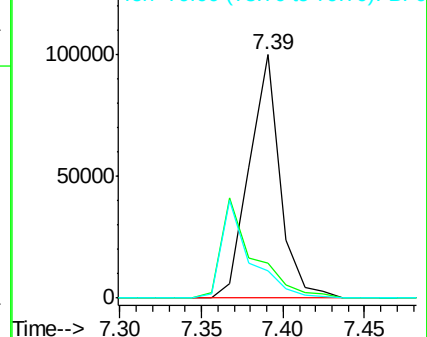
79 11.5 0.0 31.9

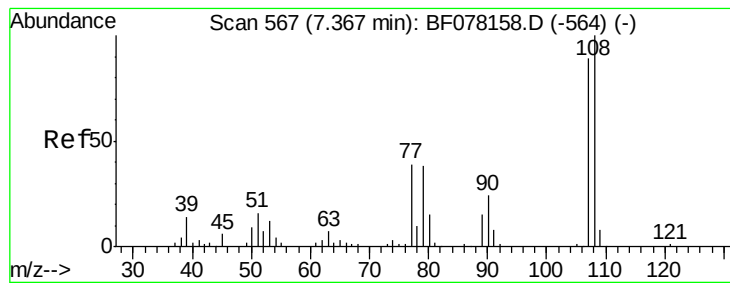


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

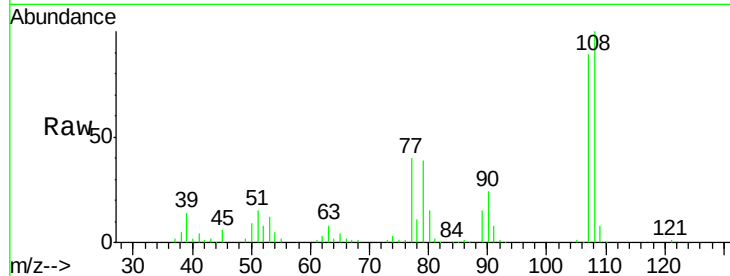




#17
2-Methylphenol
Concen: 41.92 ng
RT: 7.37 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF078174.D
Acq: 2 Apr 2015 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	107	Resp:	85852
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.3	135.5
77	45.0	35.5	53.3
79	44.2	34.2	51.4



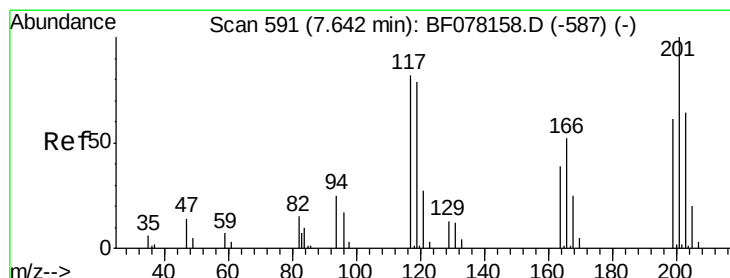
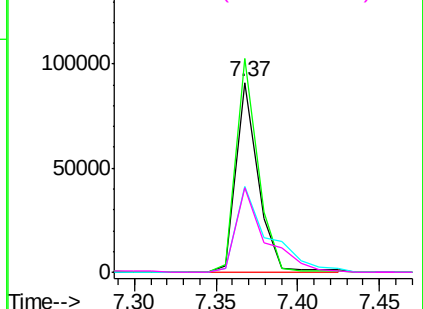
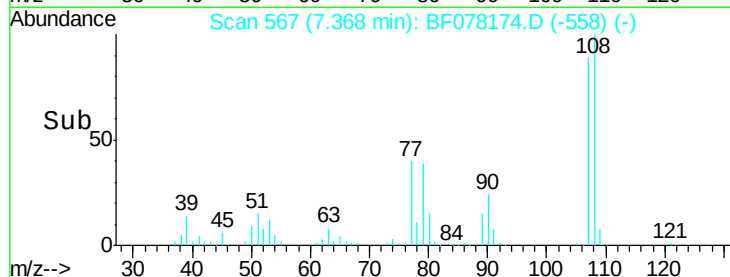
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

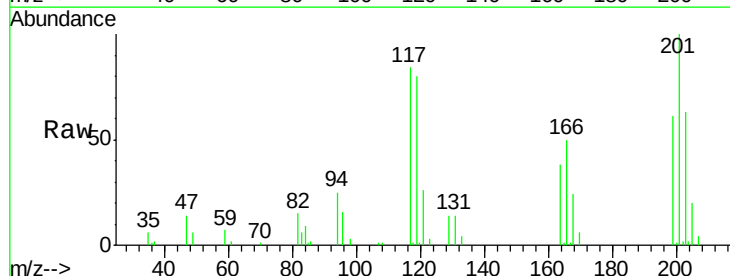
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 42.77 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF078174.D
Acq: 2 Apr 2015 1:47

Tgt Ion:	117	Resp:	42061
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.0	115.6
201	118.8	98.1	147.1

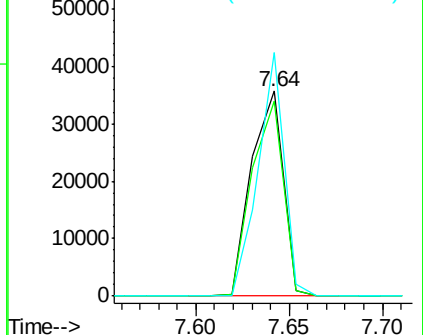
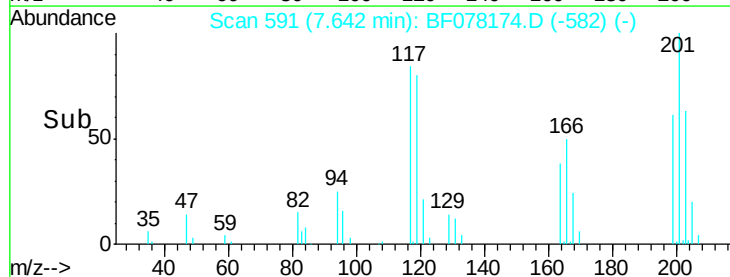


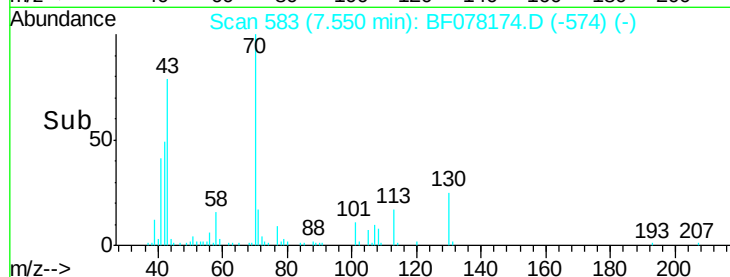
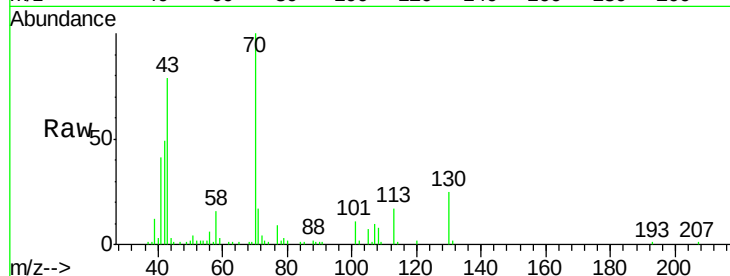
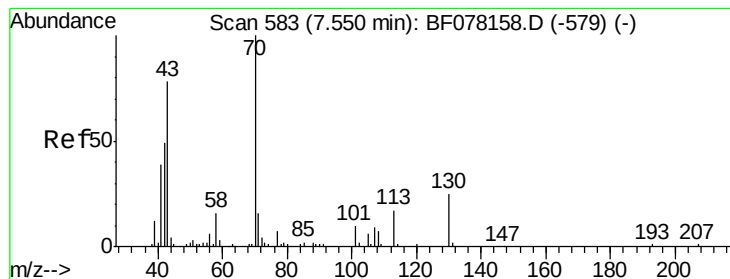
Abundance

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: 41.83 ng

RT: 7.55 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 77164

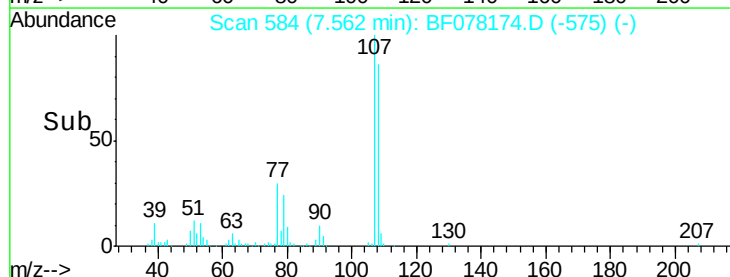
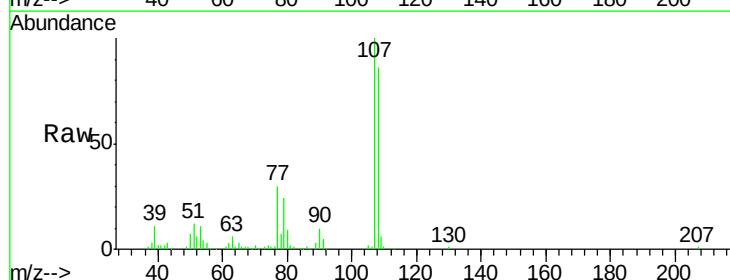
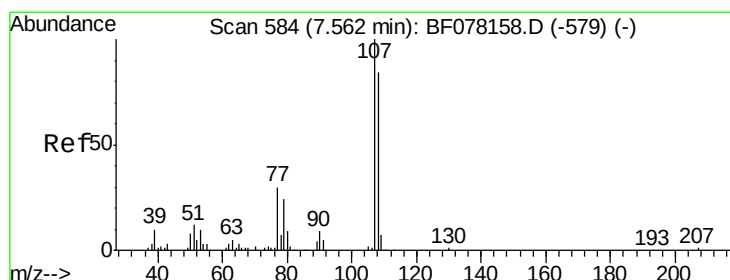
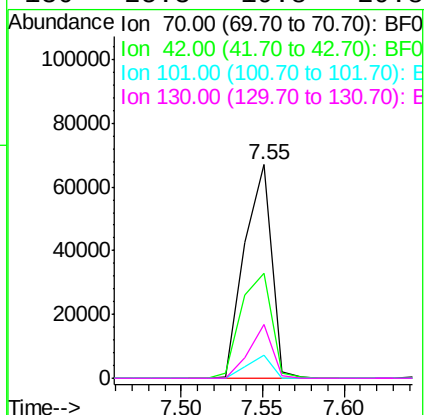
Ion Ratio Lower Upper

70 100

42 49.1 38.9 58.3

101 10.7 8.3 12.5

130 25.3 19.8 29.8



#20

3+4-Methylphenols

Concen: 42.27 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Tgt Ion:107 Resp: 115492

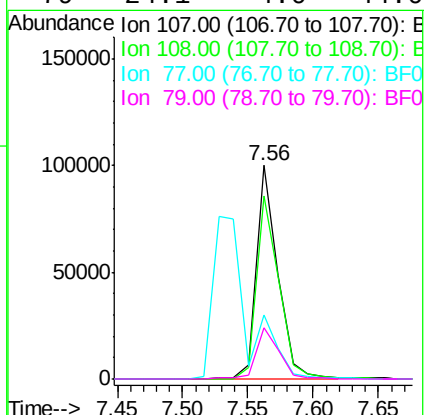
Ion Ratio Lower Upper

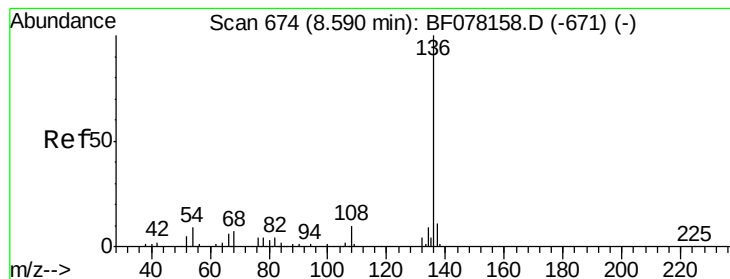
107 100

108 85.7 64.4 104.4

77 30.1 9.7 49.7

79 24.1 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 154533

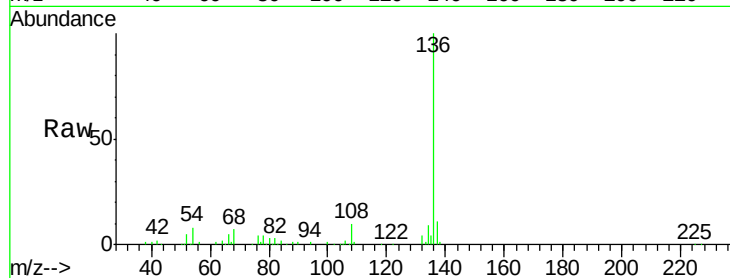
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 8.3 7.0 10.6

68 7.0 5.4 8.2

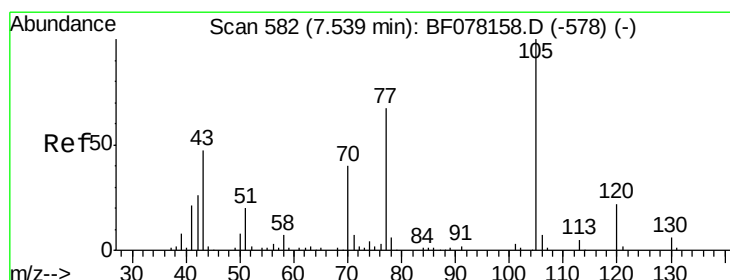
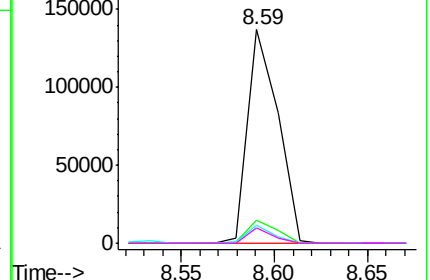
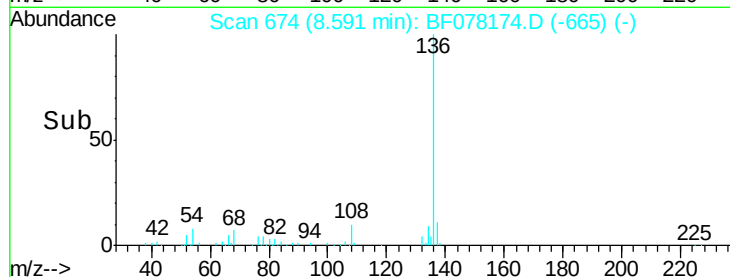


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.04 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Tgt Ion:105 Resp: 147756

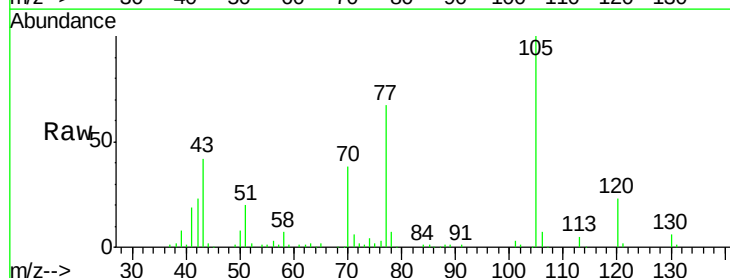
Ion Ratio Lower Upper

105 100

71 6.4 5.5 8.3

51 19.6 16.0 24.0

120 22.9 17.8 26.6

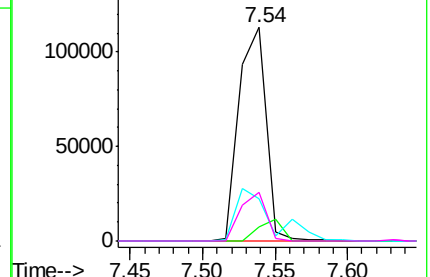
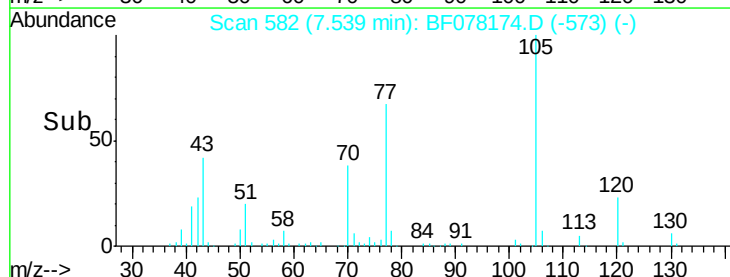


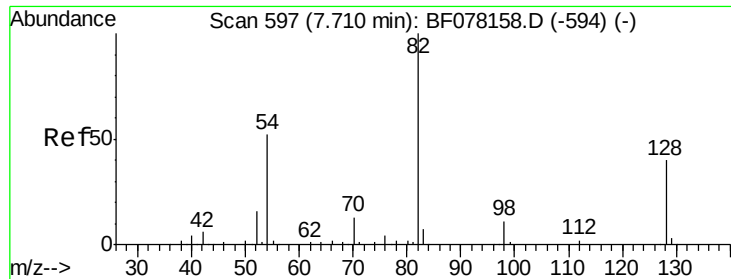
Abundance Ion 105.00 (104.70 to 105.70): E

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

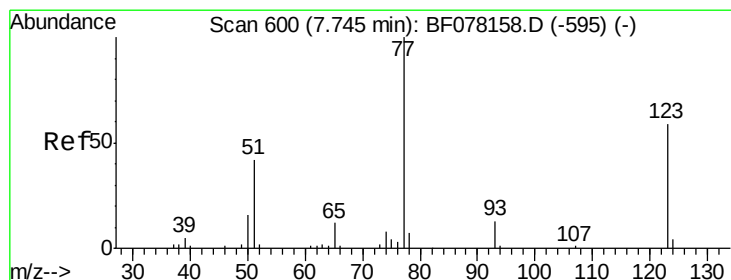
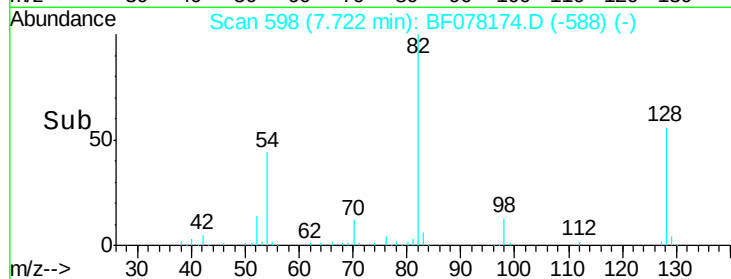
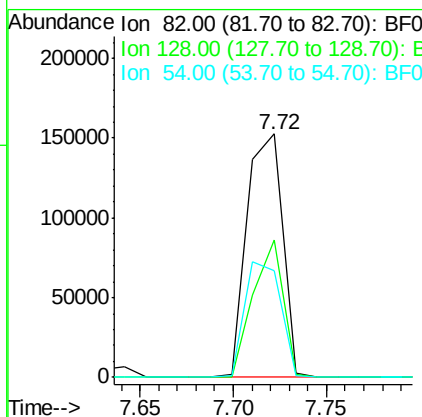
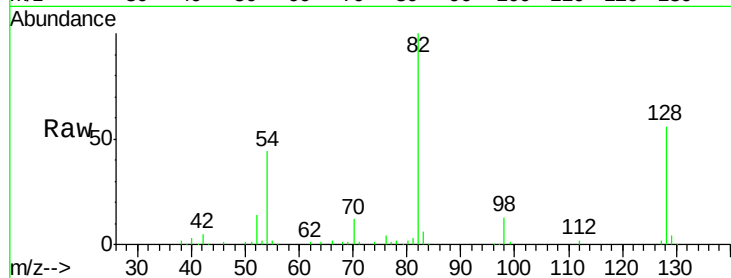




#23
 Nitrobenzene-d5
 Concen: 79.38 ng
 RT: 7.72 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF078174.D
 Acq: 2 Apr 2015 1:47

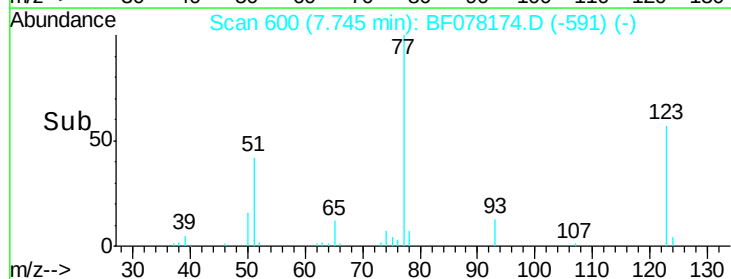
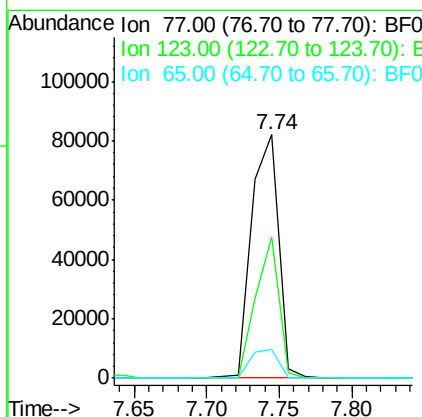
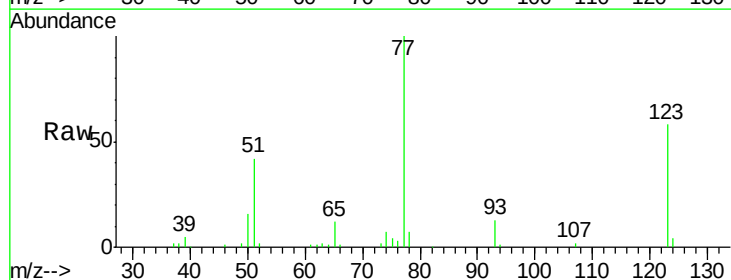
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

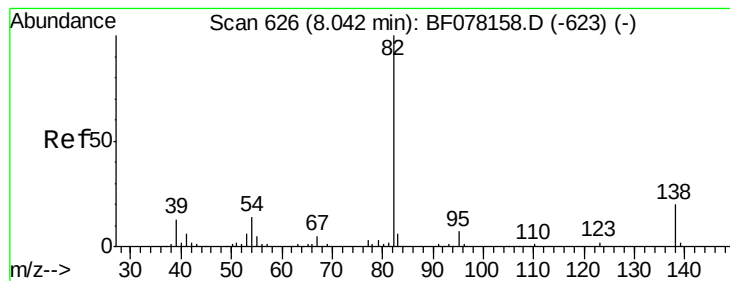
Tgt Ion: 82 Resp: 202377
 Ion Ratio Lower Upper
 82 100
 128 56.4 31.8 47.8#
 54 43.6 41.5 62.3



#24
 Nitrobenzene
 Concen: 39.58 ng
 RT: 7.74 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078174.D
 Acq: 2 Apr 2015 1:47

Tgt Ion: 77 Resp: 105481
 Ion Ratio Lower Upper
 77 100
 123 58.2 46.9 70.3
 65 11.9 9.5 14.3





#25

Isophorone

Concen: 42.44 ng

RT: 8.04 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

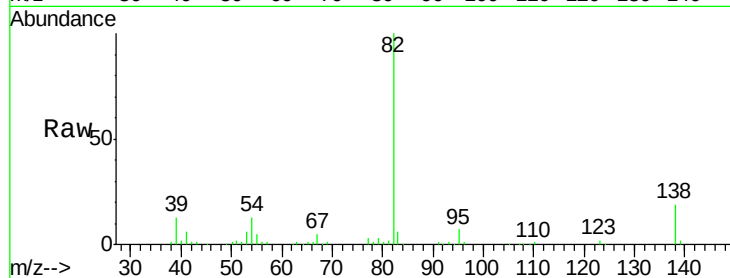
Tgt Ion: 82 Resp: 205334

Ion Ratio Lower Upper

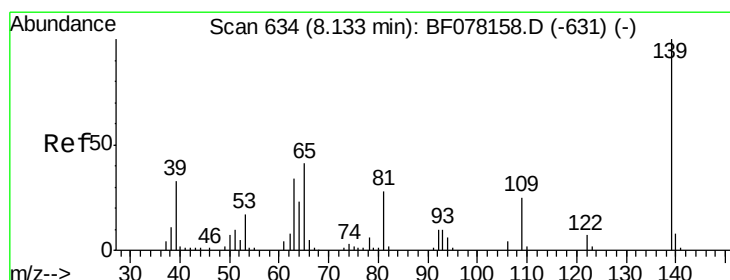
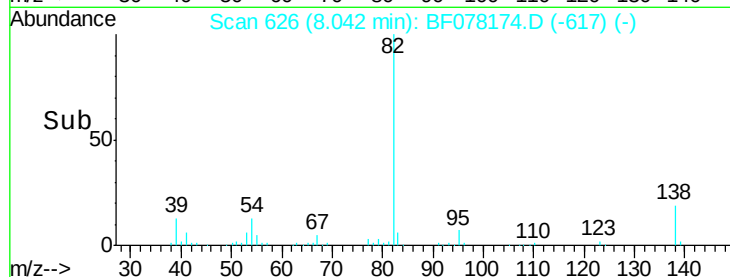
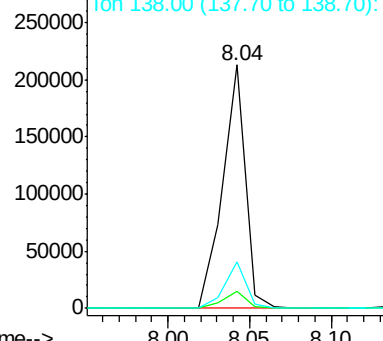
82 100

95 6.8 5.7 8.5

138 19.4 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.40 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

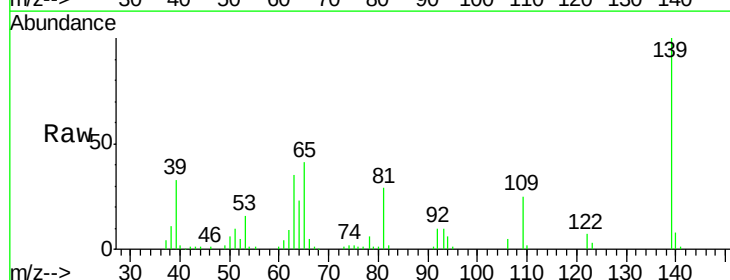
Tgt Ion: 139 Resp: 55120

Ion Ratio Lower Upper

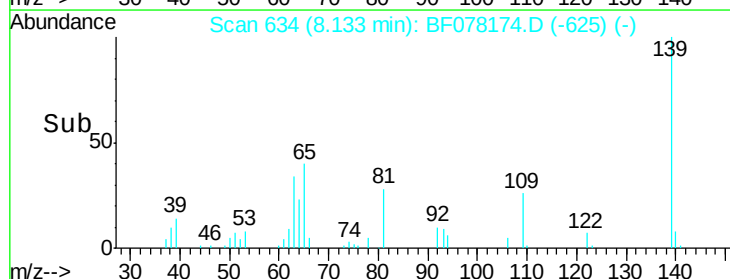
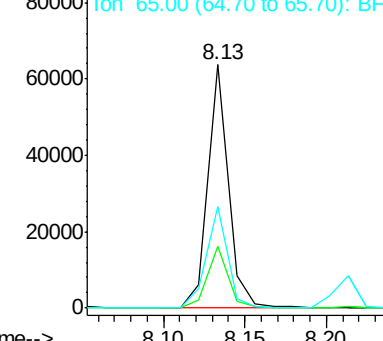
139 100

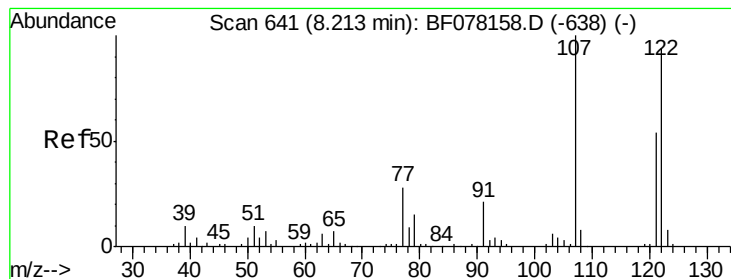
109 25.2 19.8 29.8

65 41.5 32.7 49.1



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





#27

2,4-Dimethylphenol

Concen: 40.30 ng

RT: 8.21 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

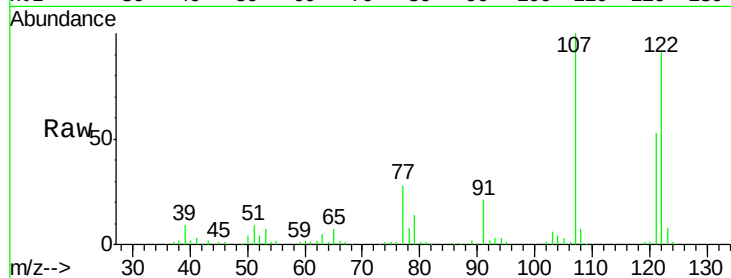
Tgt Ion:122 Resp: 95182

Ion Ratio Lower Upper

122 100

107 109.9 84.6 127.0

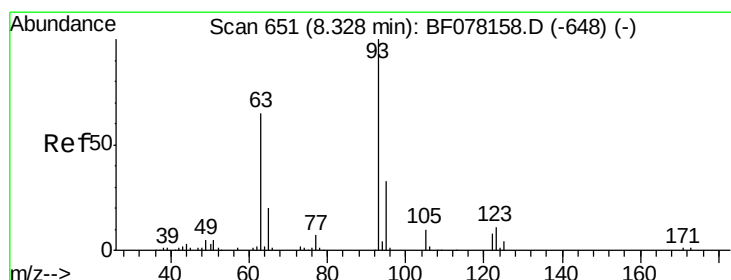
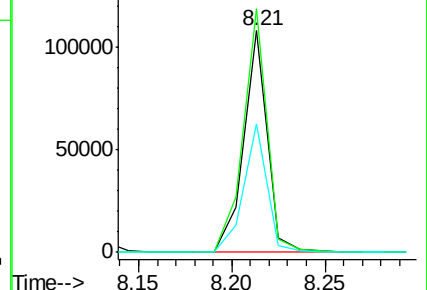
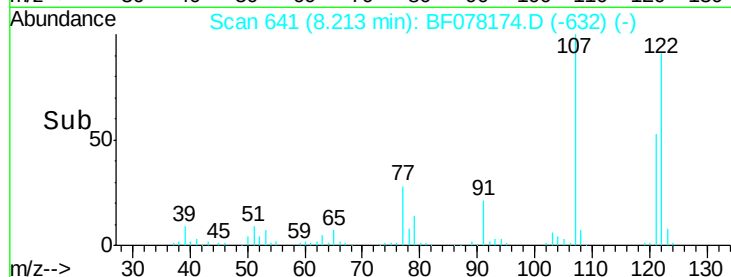
121 58.1 46.0 69.0



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: 40.87 ng

RT: 8.33 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

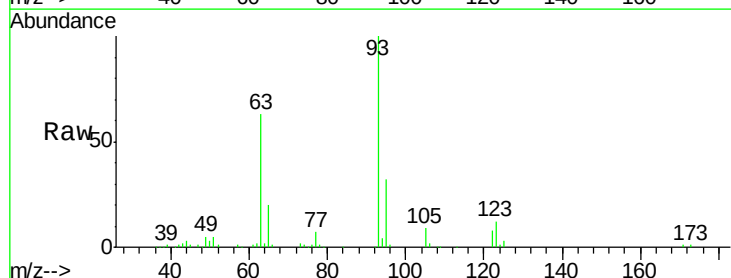
Tgt Ion: 93 Resp: 126793

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

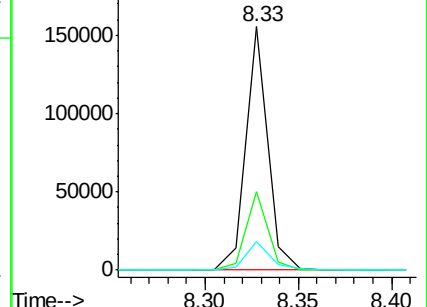
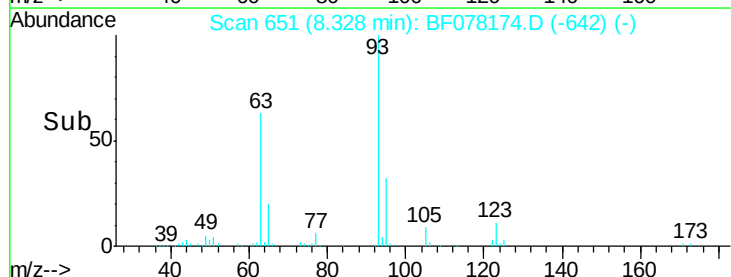
123 11.8 9.1 13.7

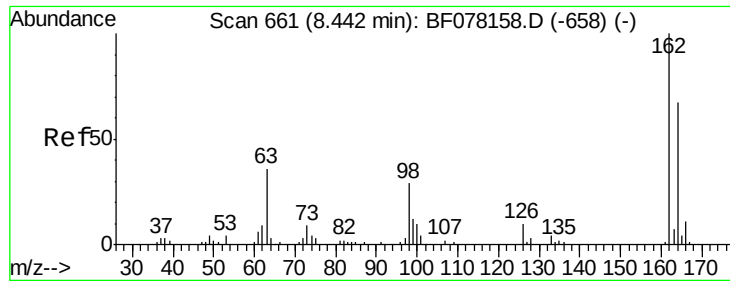


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

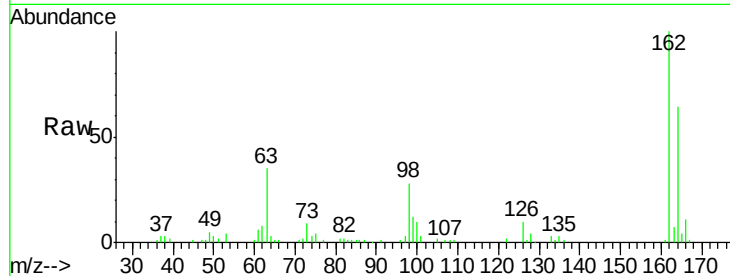




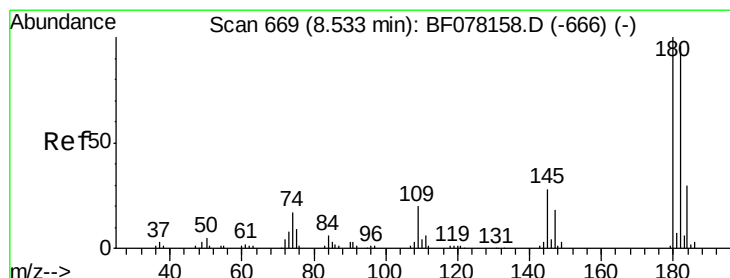
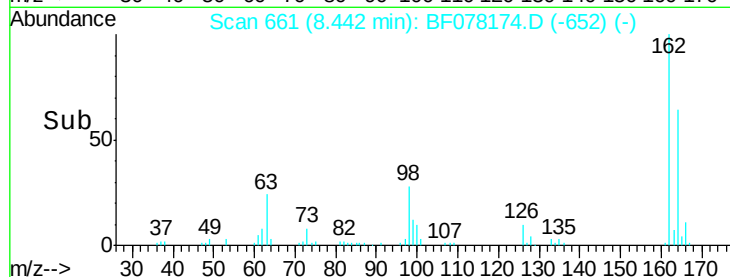
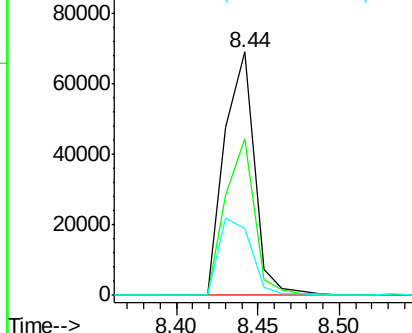
#29
 2,4-Dichlorophenol
 Concen: 40.86 ng
 RT: 8.44 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF078174.D
 Acq: 2 Apr 2015 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	47.0	87.0
98	27.7	9.2	49.2

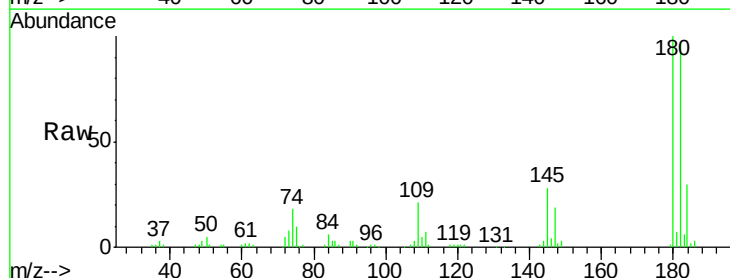


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

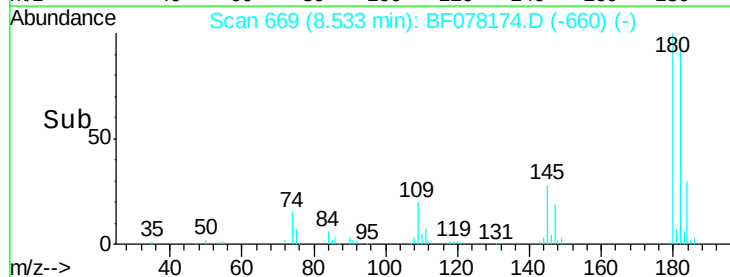
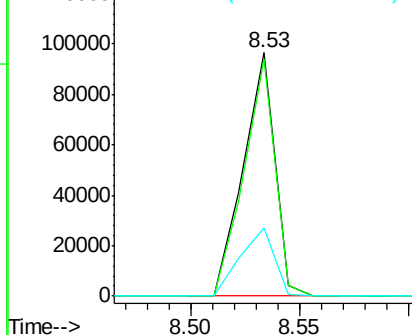


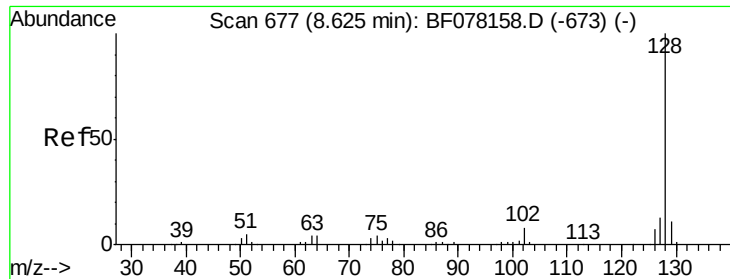
#30
 1,2,4-Trichlorobenzene
 Concen: 39.48 ng
 RT: 8.53 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF078174.D
 Acq: 2 Apr 2015 1:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.9	115.3
145	28.2	22.5	33.7



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

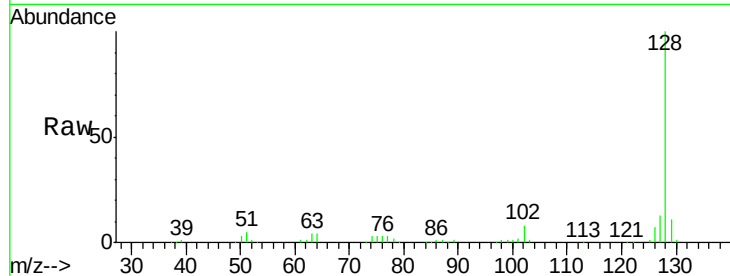




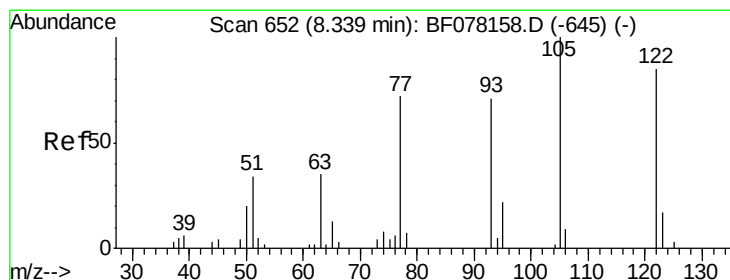
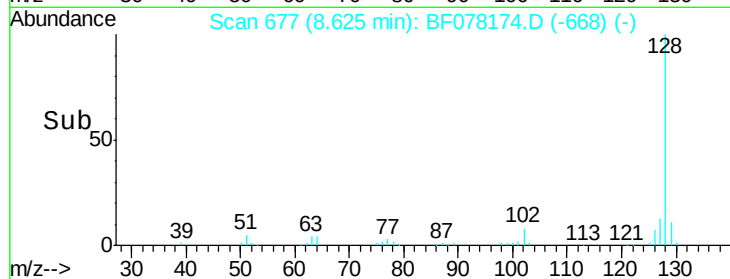
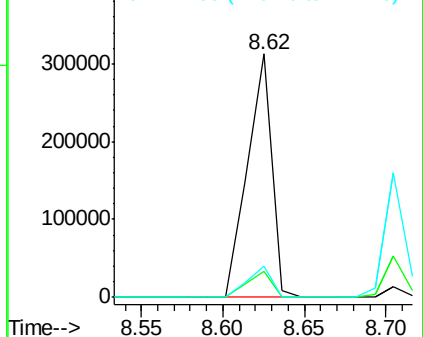
#31
Naphthalene
Concen: 40.14 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078174.D
Acq: 2 Apr 2015 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 322867
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.7 10.7 16.1

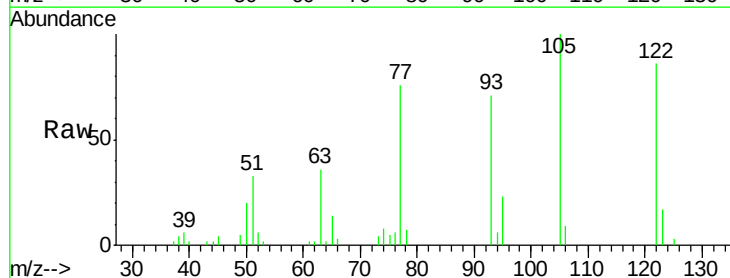


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

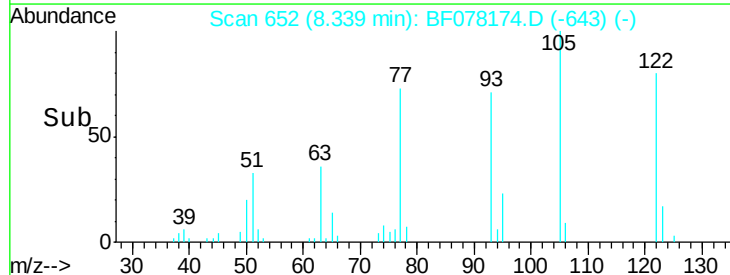
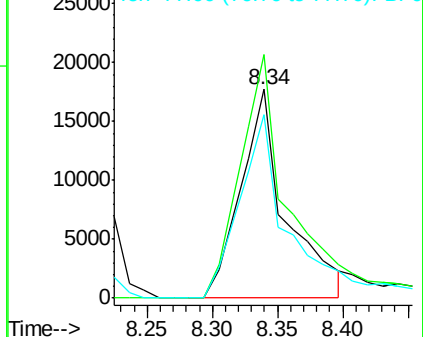


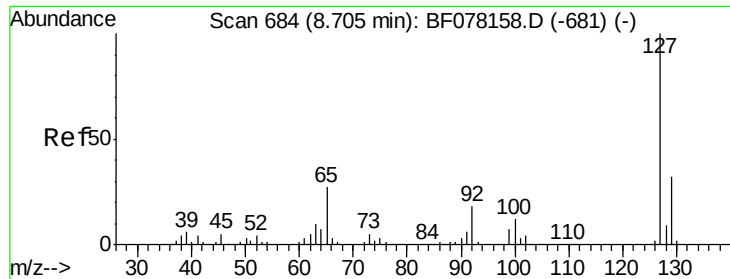
#32
Benzoic acid
Concen: 39.60 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF078174.D
Acq: 2 Apr 2015 1:47

Tgt Ion:122 Resp: 42703
Ion Ratio Lower Upper
122 100
105 116.8 96.1 136.1
77 88.2 64.1 104.1



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

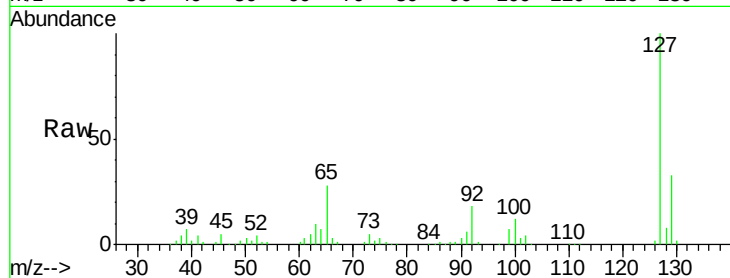




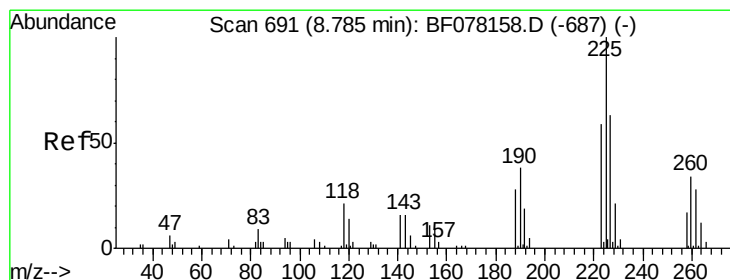
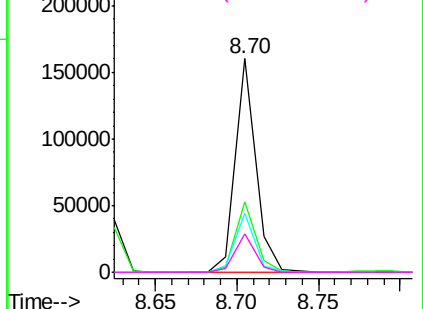
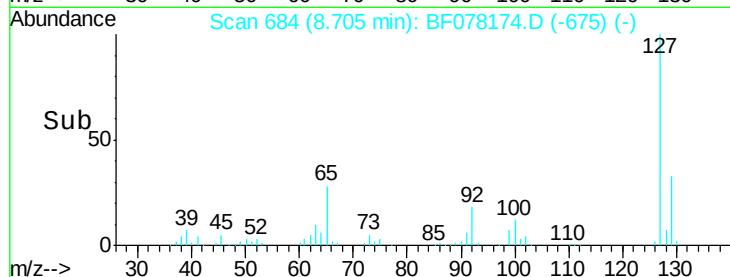
#33
4-Chloroaniline
Concen: 41.47 ng
RT: 8.70 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF078174.D
Acq: 2 Apr 2015 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	138399
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.5	38.3
65	27.7	21.7	32.5
92	18.3	14.6	21.8

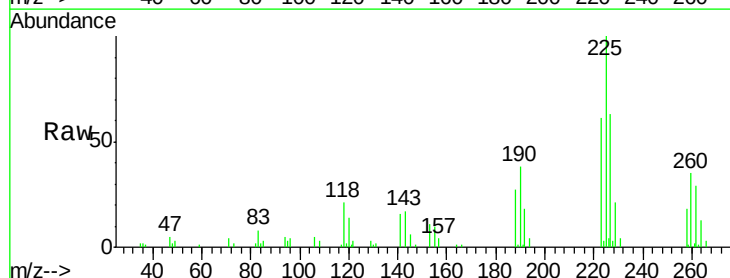


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

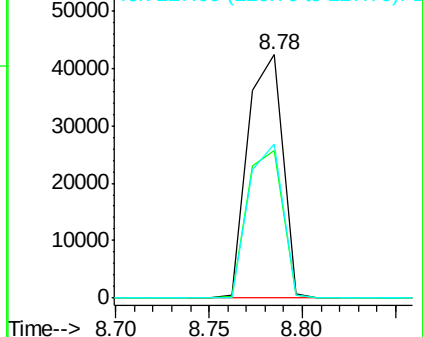
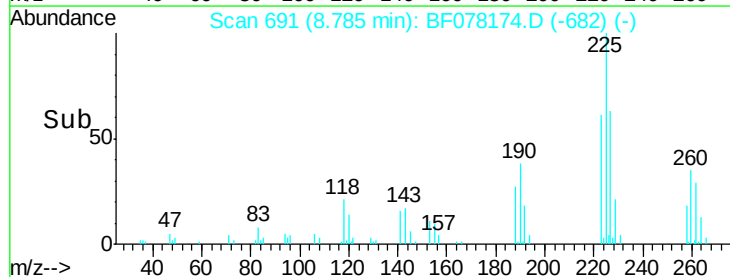


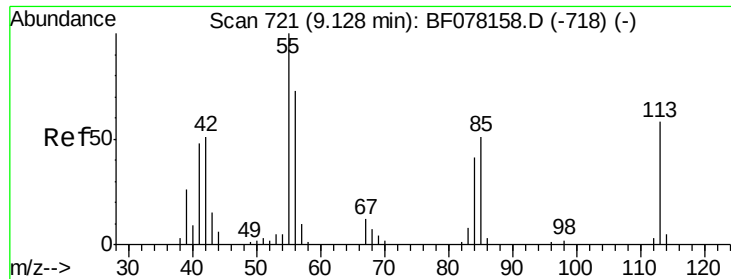
#34
Hexachlorobutadiene
Concen: 40.39 ng
RT: 8.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF078174.D
Acq: 2 Apr 2015 1:47

Tgt Ion:	225	Resp:	54633
Ion	Ratio	Lower	Upper
225	100		
223	60.6	47.5	71.3
227	63.3	50.2	75.2



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

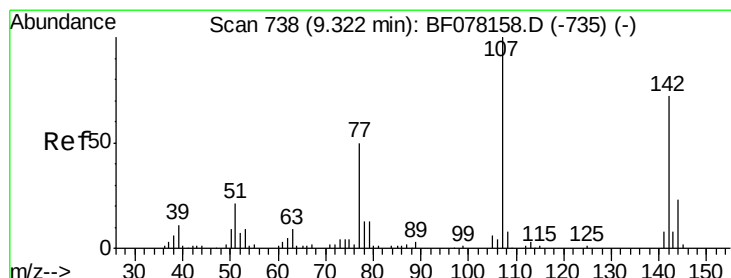
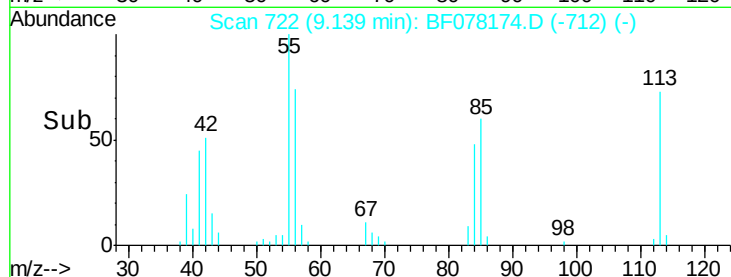
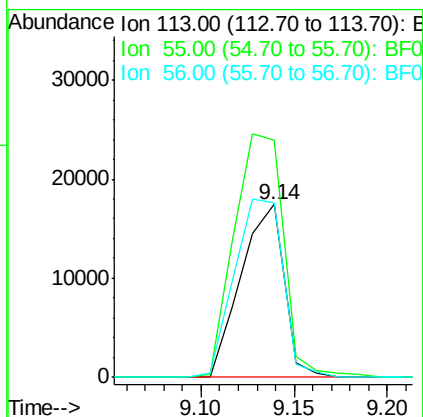
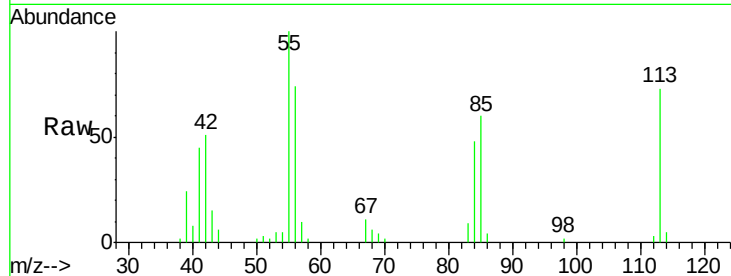




#35
 Caprolactam
 Concen: 43.80 ng
 RT: 9.14 min Scan# 722
 Delta R.T. 0.01 min
 Lab File: BF078174.D
 Acq: 2 Apr 2015 1:47

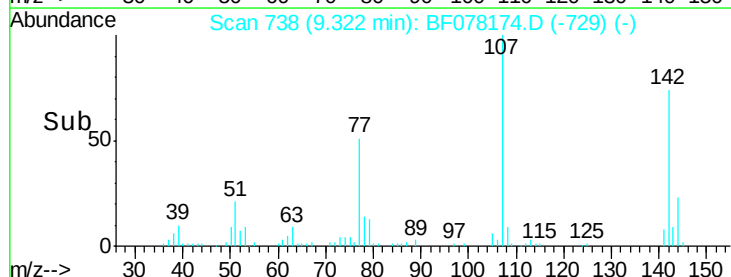
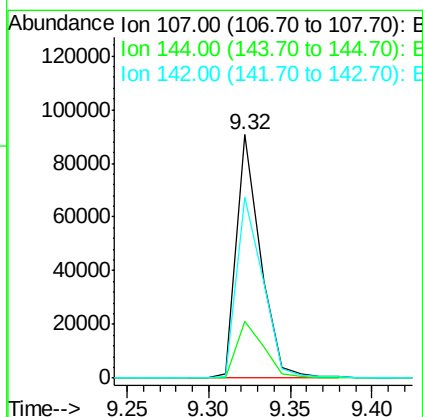
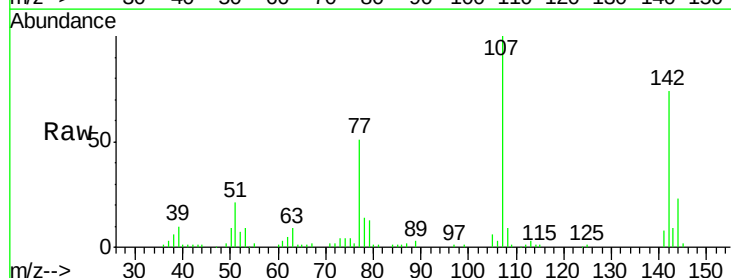
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

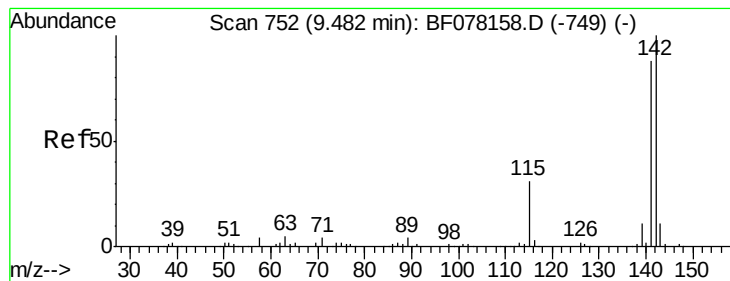
Tgt Ion:113 Resp: 28091
 Ion Ratio Lower Upper
 113 100
 55 137.3 151.9 191.9#
 56 101.0 106.1 146.1#



#36
 4-Chloro-3-methylphenol
 Concen: 42.62 ng
 RT: 9.32 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078174.D
 Acq: 2 Apr 2015 1:47

Tgt Ion:107 Resp: 92403
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.2 27.2
 142 74.3 58.0 87.0





#37

2-Methylnaphthalene

Concen: 40.02 ng

RT: 9.48 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

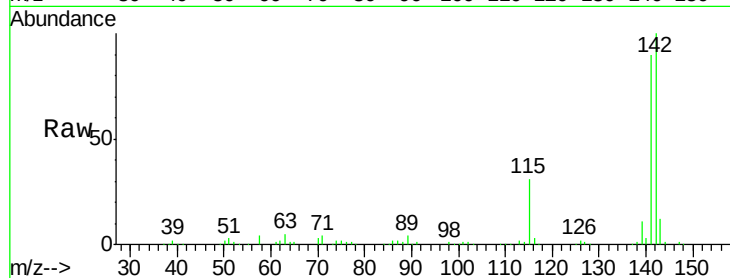
Tgt Ion:142 Resp: 218527

Ion Ratio Lower Upper

142 100

141 89.7 70.3 105.5

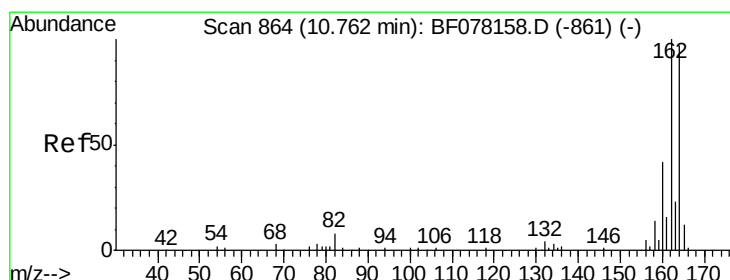
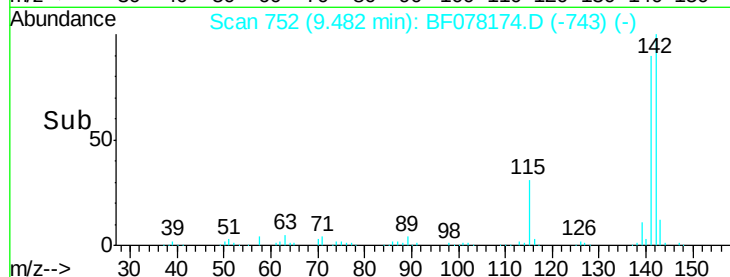
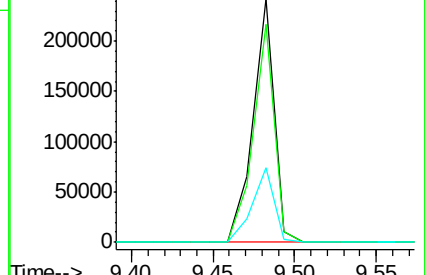
115 30.7 24.6 37.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

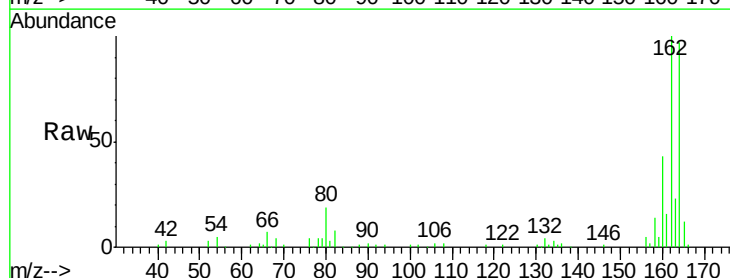
Tgt Ion:164 Resp: 76827

Ion Ratio Lower Upper

164 100

162 102.8 82.2 123.2

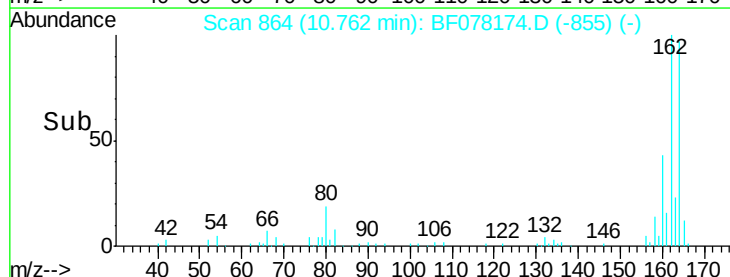
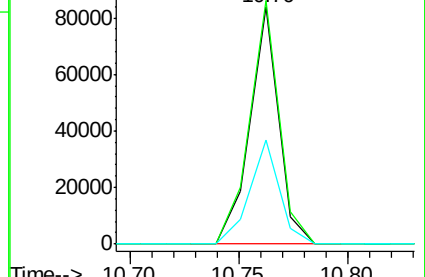
160 43.9 34.7 52.1

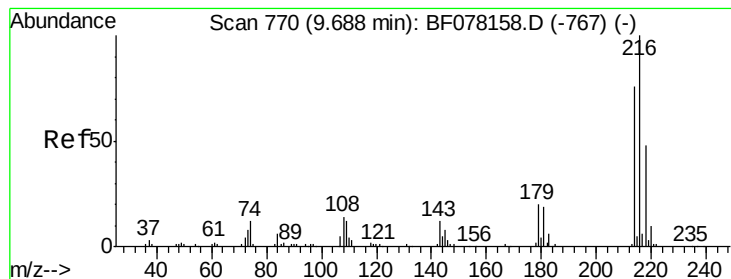


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.62 ng

RT: 9.69 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 96706

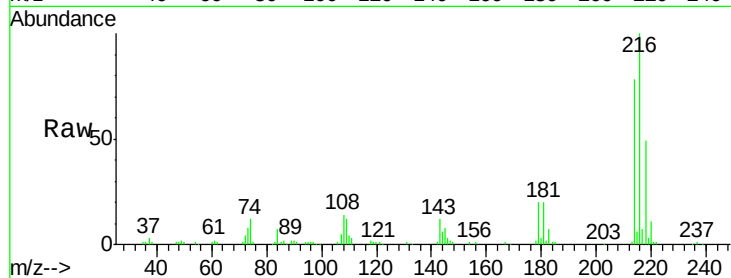
Ion Ratio Lower Upper

216 100

214 78.6 62.0 93.0

179 21.7 17.3 25.9

108 18.3 14.6 21.8

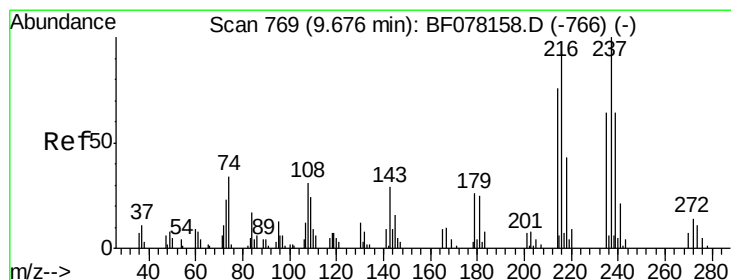
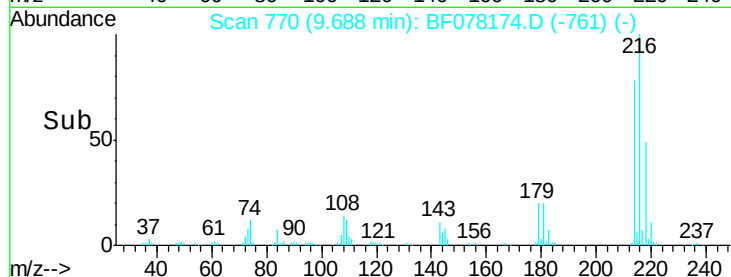
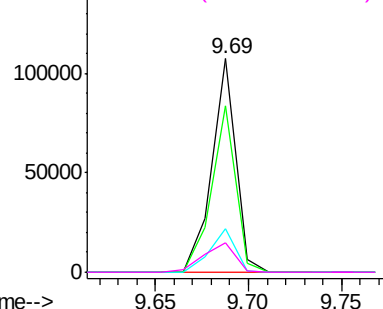


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.83 ng

RT: 9.68 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF078174.D

Acq: 2 Apr 2015 1:47

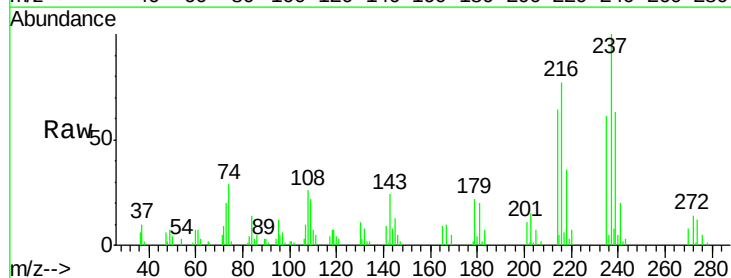
Tgt Ion:237 Resp: 37730

Ion Ratio Lower Upper

237 100

235 60.7 44.1 84.1

272 13.8 0.0 34.4



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

