

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
 Data File : BF078661.D
 Acq On : 20 Apr 2015 23:50
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Apr 21 01:11:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	43130	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	180177	20.00	ng	0.00
38) Acenaphthene-d10	11.21	164	88548	20.00	ng	0.00
63) Phenanthrene-d10	13.94	188	175477	20.00	ng	0.00
75) Chrysene-d12	17.79	240	175742	20.00	ng	-0.01
86) Perylene-d12	19.47	264	180283	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	3.87	112	217898	83.30	ng	0.00
7) Phenol-d6	5.36	99	276246	84.26	ng	0.00
23) Nitrobenzene-d5	6.80	82	248905	83.73	ng	0.00
41) 2,4,6-Tribromophenol	12.69	330	68343	93.06	ng	0.00
44) 2-Fluorobiphenyl	10.03	172	504563	81.45	ng	0.00
78) Terphenyl-d14	16.46	244	639333	82.20	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.43	88	45031	38.07	ng	# 92
3) Pyridine	1.91	79	141993	45.83	ng	96
4) n-Nitrosodimethylamine	1.87	42	56427	47.31	ng	89
6) Aniline	5.35	93	197408	42.46	ng	# 87
8) 2-Chlorophenol	5.52	128	127229	41.13	ng	99
9) Benzaldehyde	5.16	77	65332	30.07	ng	96
10) Phenol	5.38	94	160555	40.87	ng	94
11) bis(2-Chloroethyl)ether	5.48	93	111878	39.61	ng	93
12) 1,3-Dichlorobenzene	5.76	146	138335	40.71	ng	# 91
13) 1,4-Dichlorobenzene	5.88	146	140403	41.05	ng	97
14) 1,2-Dichlorobenzene	6.11	146	132319	41.26	ng	99
15) Benzyl Alcohol	6.14	79	105831	45.94	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.38	45	150830	40.03	ng	79
17) 2-Methylphenol	6.36	107	100464	41.83	ng	95
18) Hexachloroethane	6.66	117	48524	42.07	ng	# 79
19) n-Nitroso-di-n-propylamine	6.59	70	90814	41.99	ng	90
20) 3+4-Methylphenols	6.64	107	132601	41.39	ng	92
22) Acetophenone	6.56	105	173962	41.44	ng	# 92
24) Nitrobenzene	6.83	77	131226	42.23	ng	89
25) Isophorone	7.27	82	240921	42.70	ng	99
26) 2-Nitrophenol	7.38	139	65970	44.55	ng	94
27) 2,4-Dimethylphenol	7.54	122	109927	39.92	ng	97
28) bis(2-Chloroethoxy)methane	7.70	93	145685	40.27	ng	98
29) 2,4-Dichlorophenol	7.83	162	106234	42.41	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	114735	39.94	ng	98
31) Naphthalene	8.06	128	374789	39.96	ng	99
32) Benzoic acid	7.79	122	43904	35.60	ng	93
33) 4-Chloroaniline	8.22	127	162806	41.84	ng	99
34) Hexachlorobutadiene	8.31	225	64356	40.81	ng	97
35) Caprolactam	8.88	113	33365	44.62	ng	92
36) 4-Chloro-3-methylphenol	9.18	107	108608	42.97	ng	93
37) 2-Methylnaphthalene	9.31	142	253734	39.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	111500	40.64	ng	99
40) Hexachlorocyclopentadiene	9.61	237	38680	36.77	ng	96

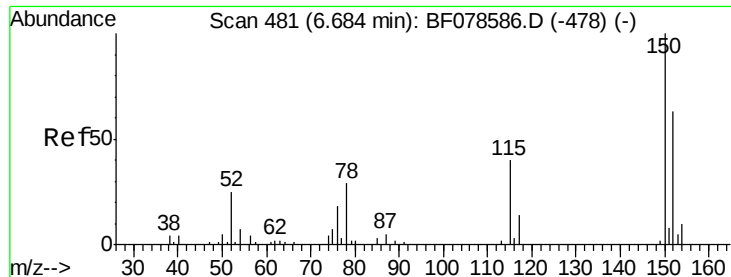
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	78204	45.20	ng	98
43) 2,4,5-Trichlorophenol	9.95	196	77979	43.14	ng #	88
45) 1,1'-Biphenyl	10.19	154	291837	40.29	ng	96
46) 2-Chloronaphthalene	10.19	162	231381	40.60	ng	95
47) 2-Nitroaniline	10.45	65	68478	48.57	ng #	71
48) Acenaphthylene	10.94	152	382576	41.57	ng	99
49) Dimethylphthalate	10.85	163	280254	42.13	ng	98
50) 2,6-Dinitrotoluene	10.94	165	60388	44.12	ng #	54
51) Acenaphthene	11.27	154	219610	42.39	ng	99
52) 3-Nitroaniline	11.21	138	72577	46.63	ng #	95
53) 2,4-Dinitrophenol	11.44	184	18176	44.96	ng	90
54) Dibenzofuran	11.60	168	333617	42.16	ng	95
55) 4-Nitrophenol	11.65	139	38806	35.46	ng #	79
56) 2,4-Dinitrotoluene	11.67	165	82828	46.73	ng #	83
57) Fluorene	12.23	166	275424	42.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.86	232	55926	41.73	ng #	97
59) Diethylphthalate	12.16	149	273978	42.71	ng	97
60) 4-Chlorophenyl-phenylether	12.29	204	125463	42.52	ng #	84
61) 4-Nitroaniline	12.34	138	71253	45.29	ng	95
62) Azobenzene	12.57	77	249203	42.57	ng	96
64) 4,6-Dinitro-2-methylphenol	12.41	198	37088	43.54	ng	86
65) n-Nitrosodiphenylamine	12.53	169	242024	39.87	ng	98
66) 4-Bromophenyl-phenylether	13.18	248	79058	42.54	ng	98
67) Hexachlorobenzene	13.22	284	80469	39.51	ng #	93
68) Atrazine	13.60	200	74811	42.55	ng	97
69) Pentachlorophenol	13.63	266	25637	33.40	ng	98
70) Phenanthrene	13.99	178	411110	40.50	ng	99
71) Anthracene	14.08	178	412768	41.27	ng	99
72) Carbazole	14.41	167	392728	41.90	ng	100
73) Di-n-butylphthalate	15.09	149	463086	43.61	ng	99
74) Fluoranthene	15.86	202	439870	41.09	ng	96
76) Benzidine	16.13	184	226322	33.44	ng	99
77) Pyrene	16.17	202	460511	41.74	ng	98
79) Butylbenzylphthalate	17.17	149	214212	50.94	ng #	78
80) Benzo(a)anthracene	17.78	228	425052	40.65	ng	98
81) 3,3'-Dichlorobenzidine	17.79	252	145097	41.43	ng #	99
82) Chrysene	17.83	228	410589	41.79	ng	99
83) Bis(2-ethylhexyl)phthalate	17.92	149	294680	44.68	ng #	97
84) Di-n-octyl phthalate	18.70	149	522558	48.26	ng #	100
85) Indeno(1,2,3-cd)pyrene	20.94	276	392264	35.19	ng	92
87) Benzo(b)fluoranthene	19.06	252	417141	37.44	ng #	97
88) Benzo(k)fluoranthene	19.06	252	417141	42.13	ng #	96
89) Benzo(a)pyrene	19.42	252	406213	41.77	ng	97
90) Dibenzo(a,h)anthracene	20.64	278	387831	39.84	ng	99
91) Benzo(g,h,i)perylene	20.94	276	386075	39.55	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 409

Delta R.T. 0.00 min

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BNA_F

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SSTDCCC040EC

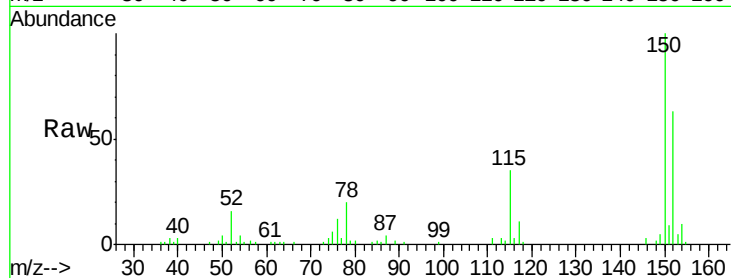
Tgt Ion:152 Resp: 43130

Ion Ratio Lower Upper

152 100

150 159.6 125.9 188.9

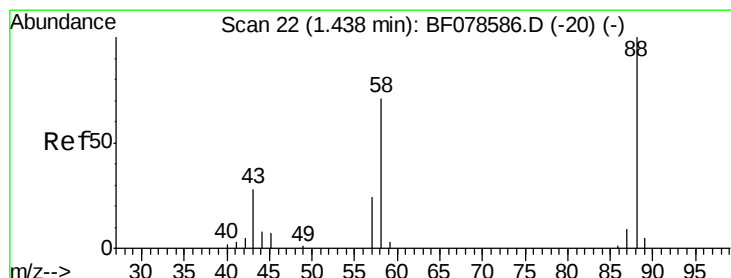
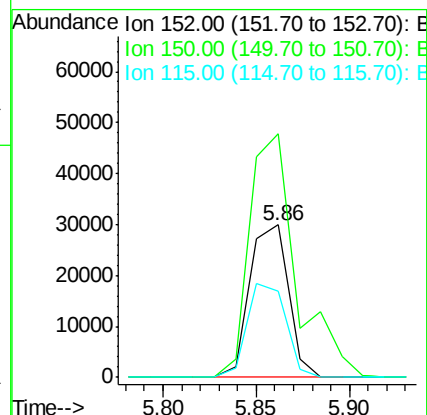
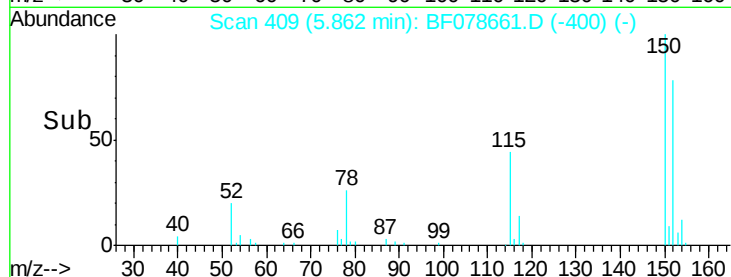
115 56.4 52.7 79.1



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: 38.07 ng

RT: 1.43 min Scan# 21

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

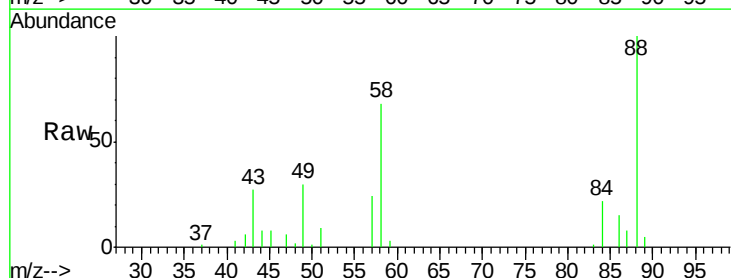
Tgt Ion: 88 Resp: 45031

Ion Ratio Lower Upper

88 100

58 76.2 56.9 85.3

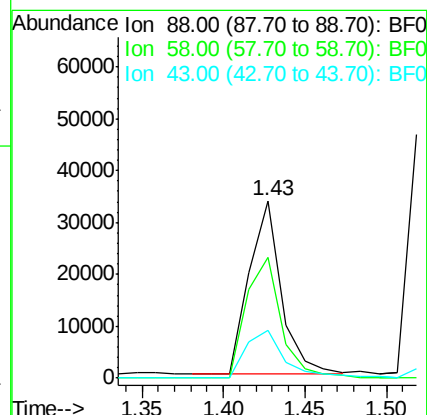
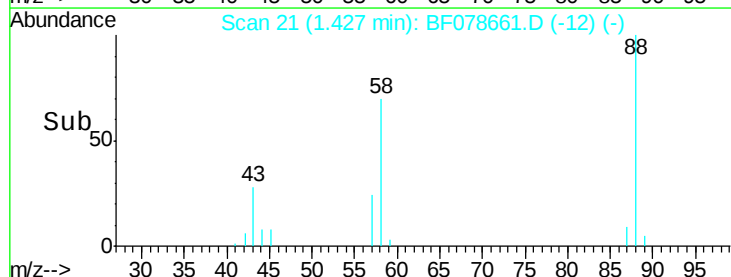
43 33.6 21.4 32.2

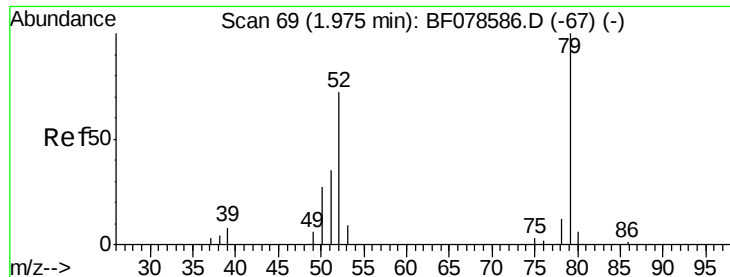


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 45.83 ng

RT: 1.91 min Scan# 63

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

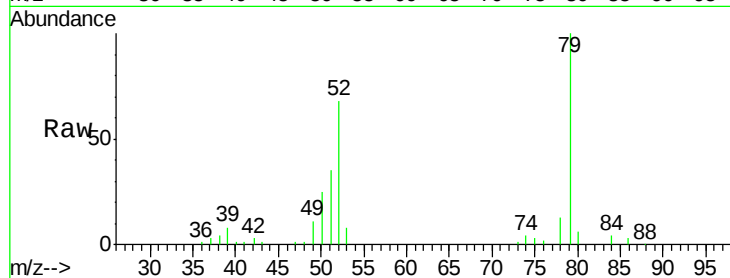
Tgt Ion: 79 Resp: 141993

Ion Ratio Lower Upper

79 100

52 67.8 52.4 78.6

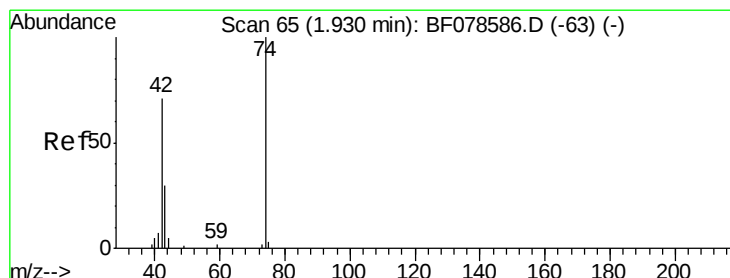
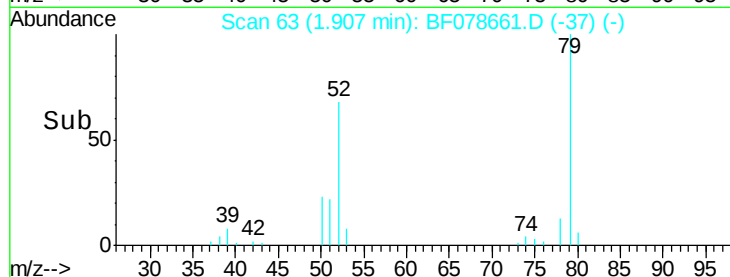
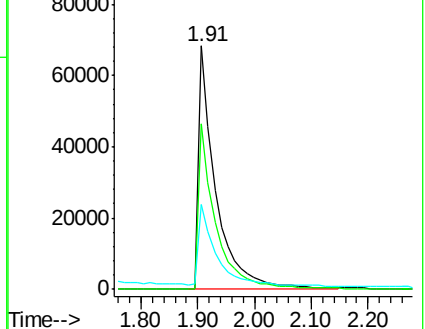
51 34.7 24.9 37.3



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: 47.31 ng

RT: 1.87 min Scan# 60

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

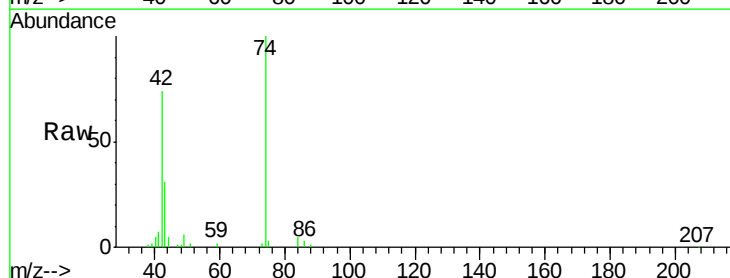
Tgt Ion: 42 Resp: 56427

Ion Ratio Lower Upper

42 100

74 134.3 118.7 178.1

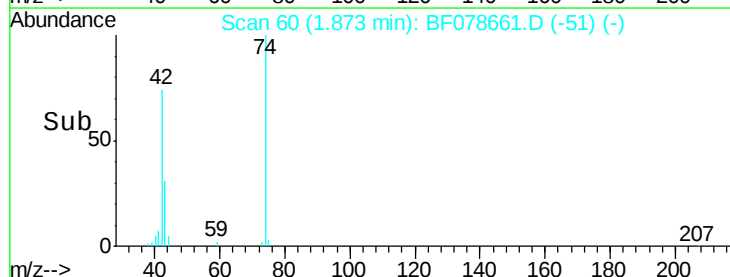
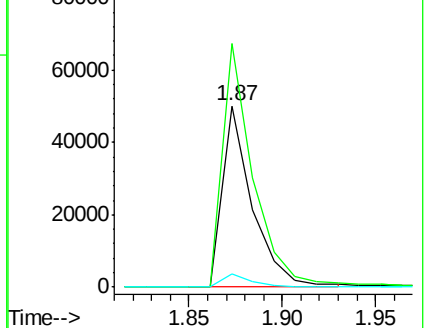
44 7.1 5.9 8.9

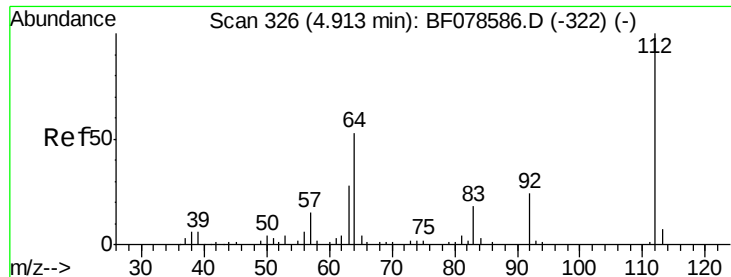


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

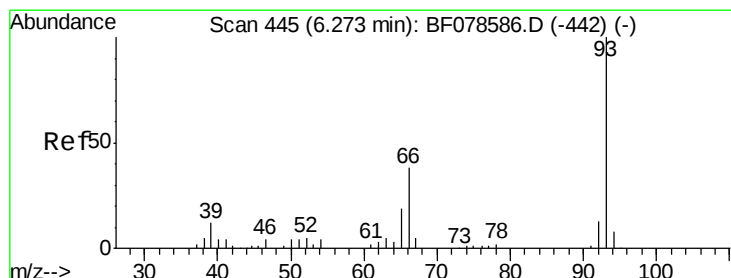
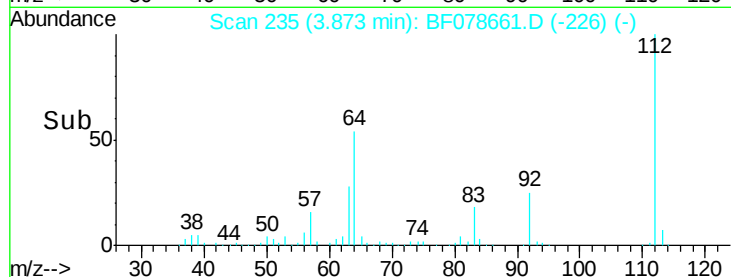
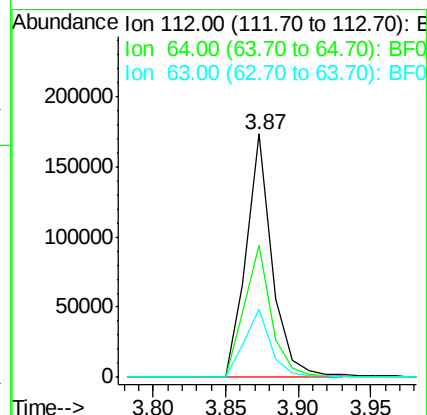
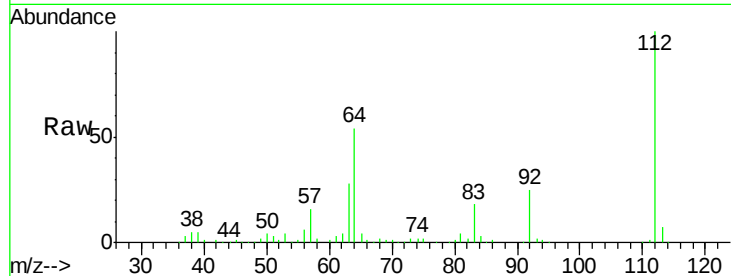




#5
 2-Fluorophenol
 Concen: 83.30 ng
 RT: 3.87 min Scan# 235
 Delta R.T. 0.00 min
 Lab File: BF078661.D
 Acq: 20 Apr 2015 23:50

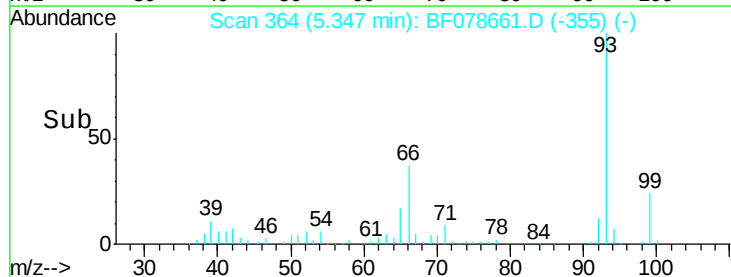
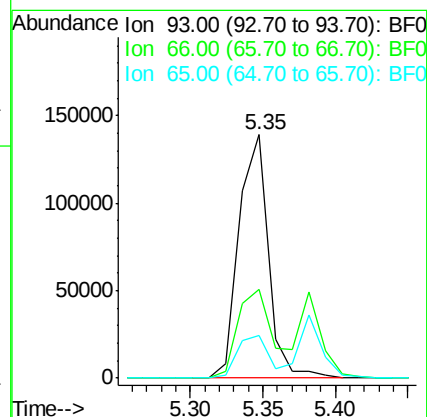
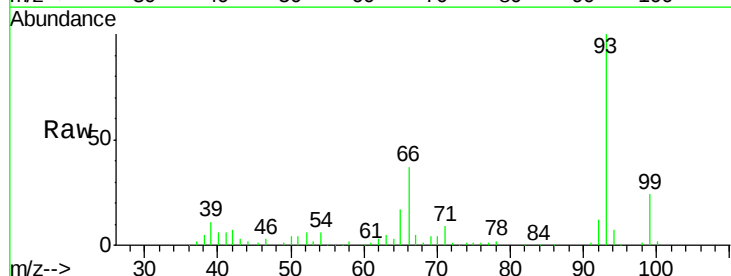
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

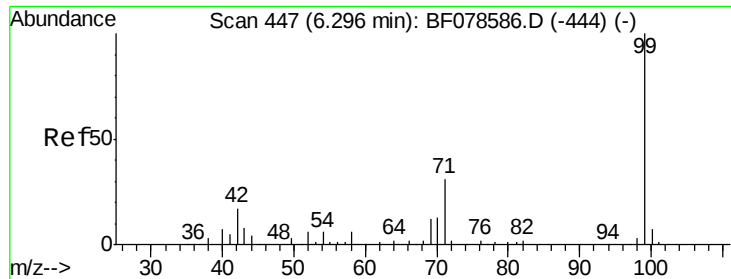
Tgt Ion: 112 Resp: 217898
 Ion Ratio Lower Upper
 112 100
 64 54.4 39.9 59.9
 63 27.9 20.2 30.4



#6
 Aniline
 Concen: 42.46 ng
 RT: 5.35 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: BF078661.D
 Acq: 20 Apr 2015 23:50

Tgt Ion: 93 Resp: 197408
 Ion Ratio Lower Upper
 93 100
 66 36.5 38.0 57.0#
 65 17.5 16.3 24.5





#7

Phenol-d6

Concen: 84.26 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

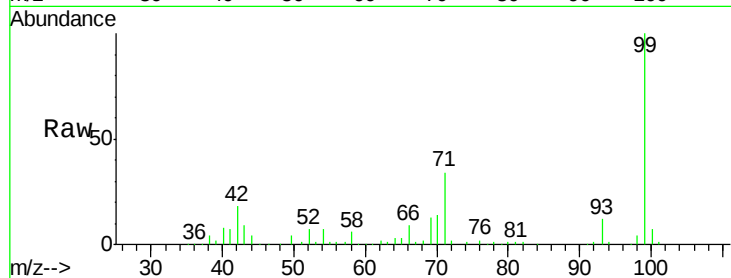
Tgt Ion: 99 Resp: 276246

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

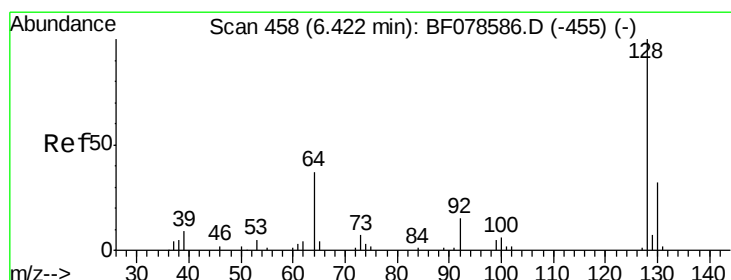
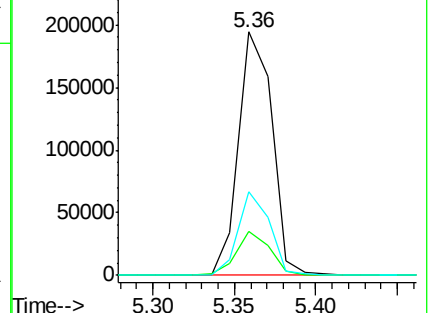
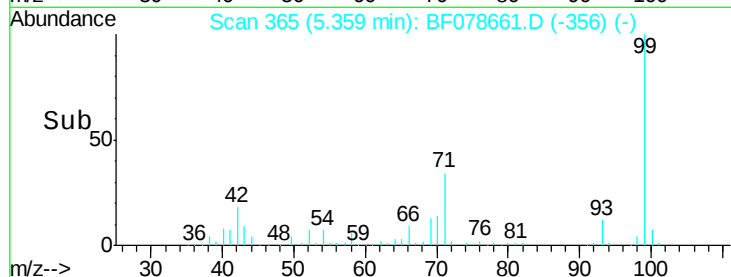
71 34.3 26.6 39.8



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: 41.13 ng

RT: 5.52 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

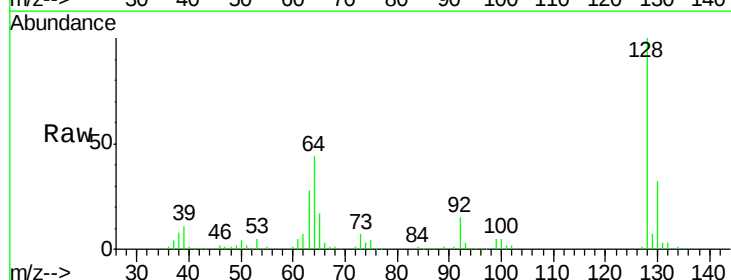
Tgt Ion: 128 Resp: 127229

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

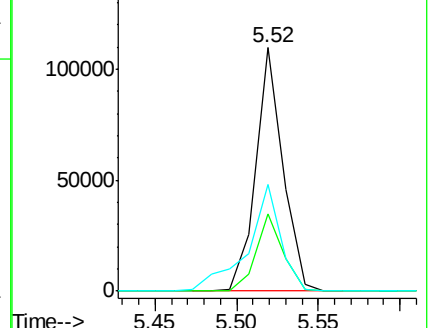
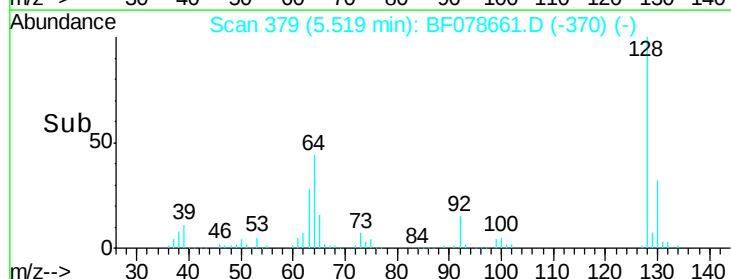
64 44.0 23.8 63.8

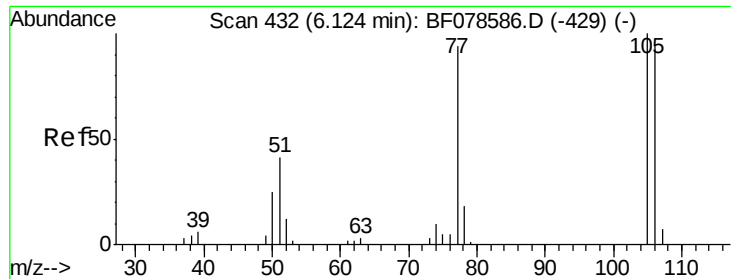


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

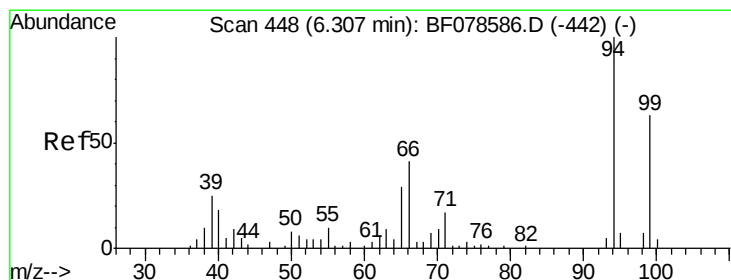
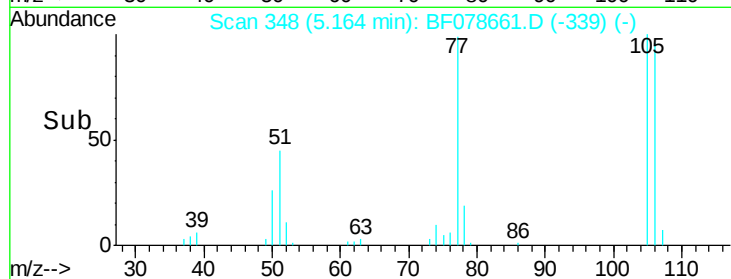
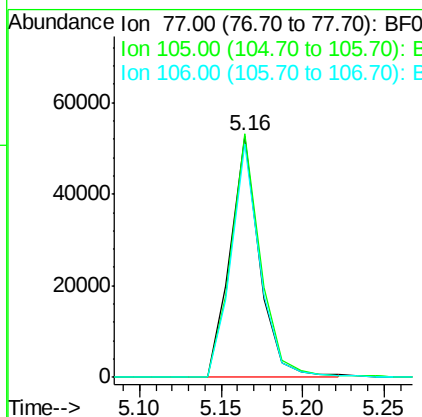
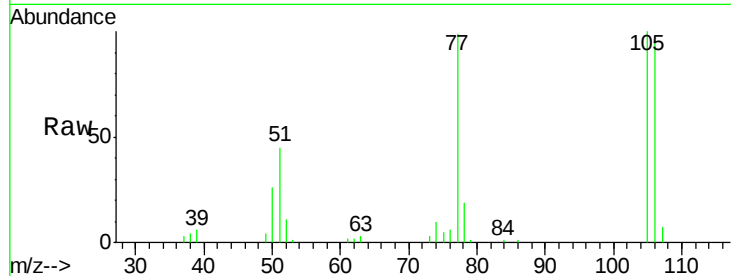




#9
Benzaldehyde
Concen: 30.07 ng
RT: 5.16 min Scan# 348
Delta R.T. 0.00 min
Lab File: BF078661.D
Acq: 20 Apr 2015 23:50

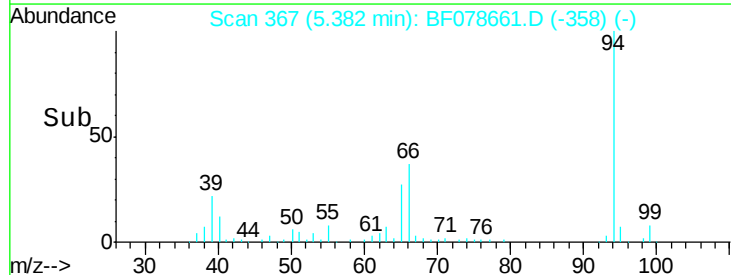
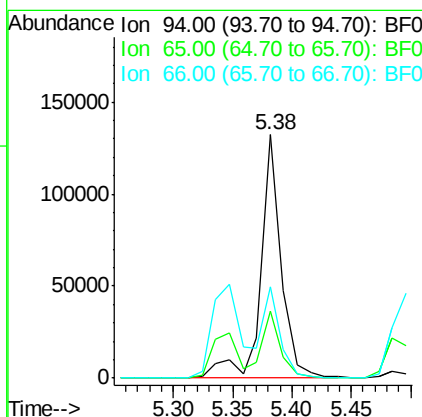
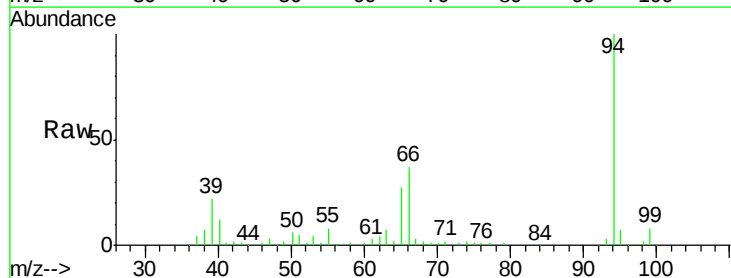
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 65332
Ion Ratio Lower Upper
77 100
105 101.0 85.4 125.4
106 97.0 80.8 120.8



#10
Phenol
Concen: 40.87 ng
RT: 5.38 min Scan# 367
Delta R.T. 0.00 min
Lab File: BF078661.D
Acq: 20 Apr 2015 23:50

Tgt Ion: 94 Resp: 160555
Ion Ratio Lower Upper
94 100
65 27.4 4.9 44.9
66 37.3 13.8 53.8

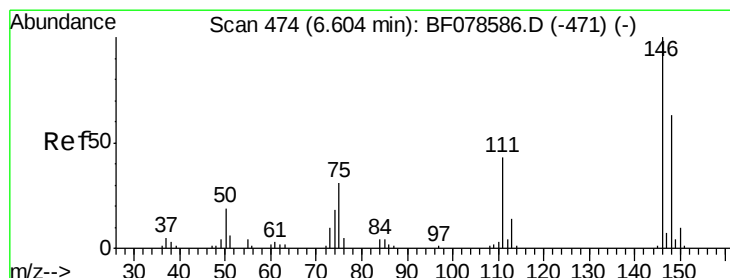
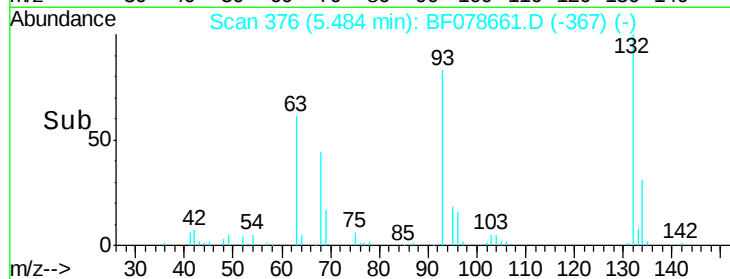
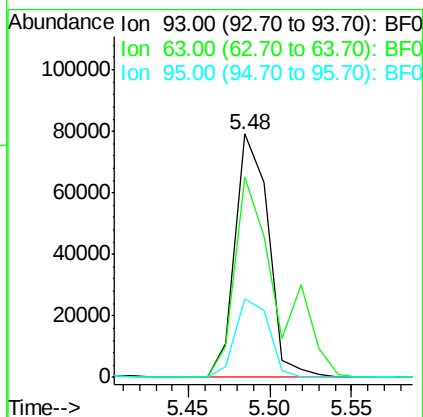
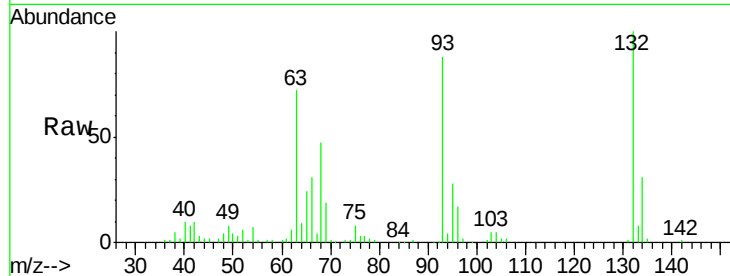




#11
bis(2-Chloroethyl)ether
Concen: 39.61 ng
RT: 5.48 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF078661.D
Acq: 20 Apr 2015 23:50

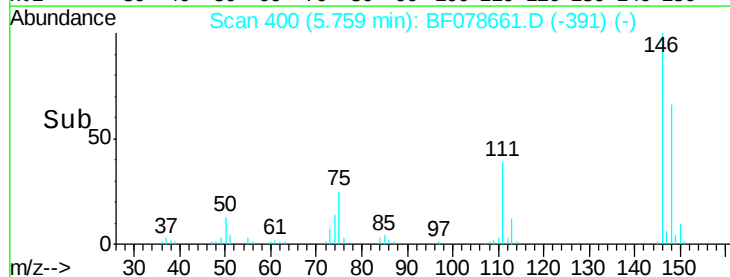
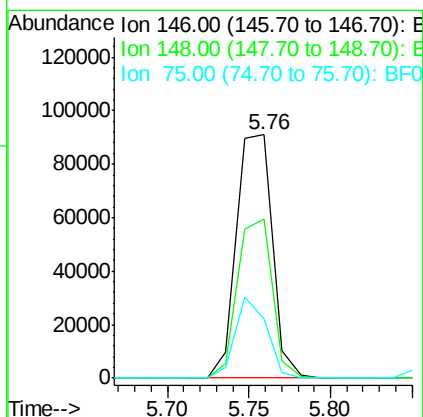
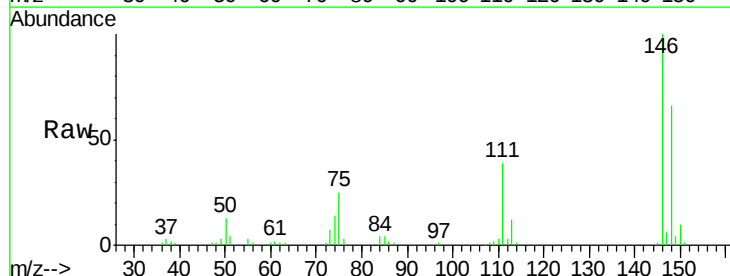
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

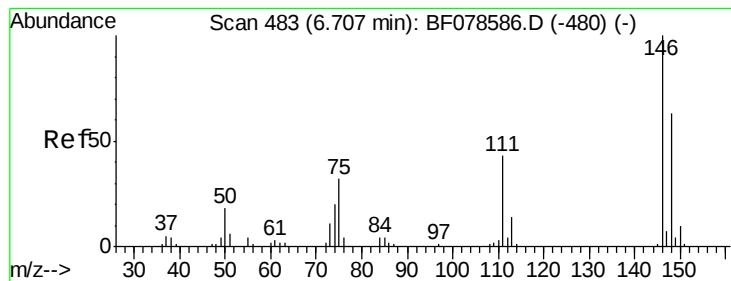
Tgt Ion: 93 Resp: 111878
Ion Ratio Lower Upper
93 100
63 82.1 54.6 94.6
95 32.3 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.71 ng
RT: 5.76 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF078661.D
Acq: 20 Apr 2015 23:50

Tgt Ion: 146 Resp: 138335
Ion Ratio Lower Upper
146 100
148 65.6 49.1 73.7
75 24.6 26.6 40.0#





#13

1,4-Dichlorobenzene

Concen: 41.05 ng

RT: 5.88 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

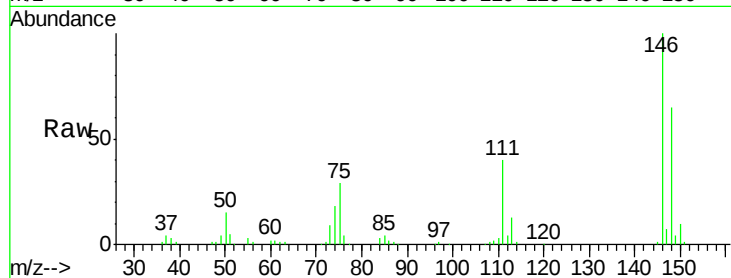
Tgt Ion:146 Resp: 140403

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.0

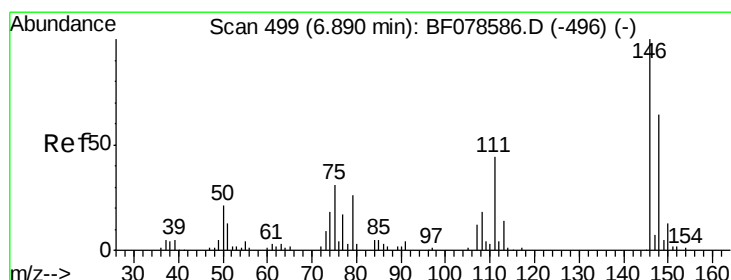
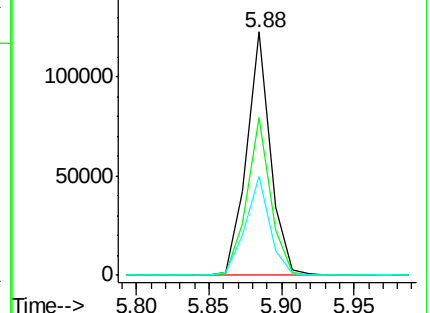
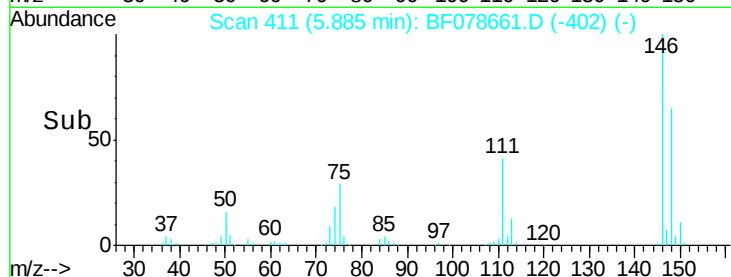
111 40.5 35.0 52.4



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: 41.26 ng

RT: 6.11 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

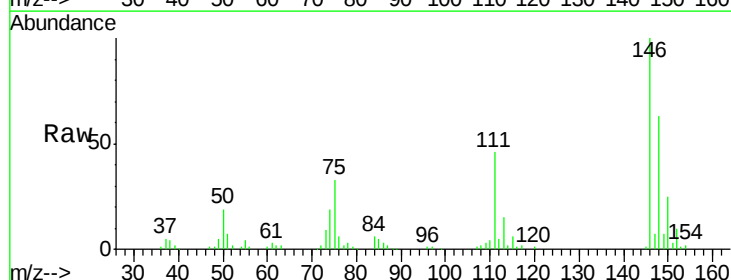
Tgt Ion:146 Resp: 132319

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.4

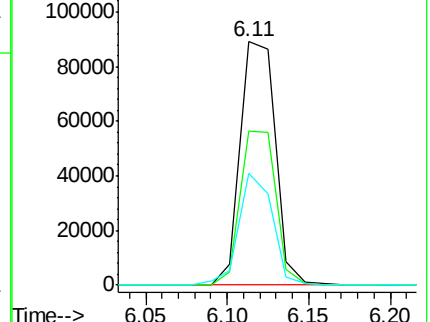
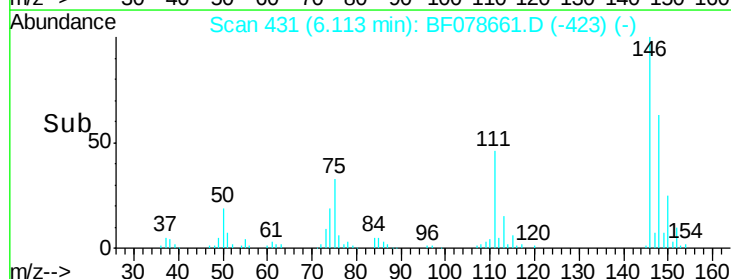
111 45.8 36.1 54.1

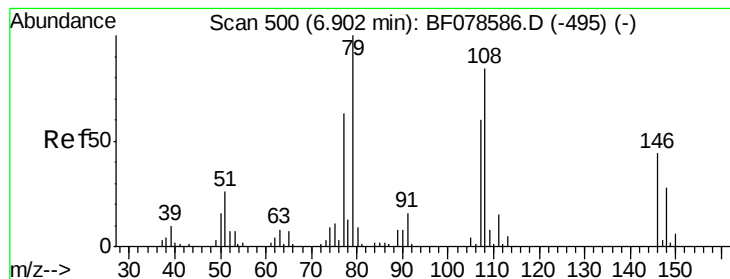


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.94 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

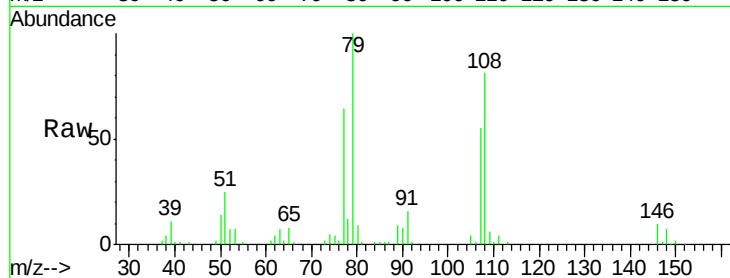
Tgt Ion: 79 Resp: 105831

Ion Ratio Lower Upper

79 100

108 81.5 57.6 86.4

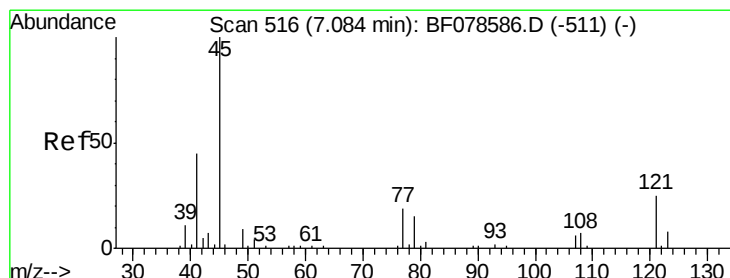
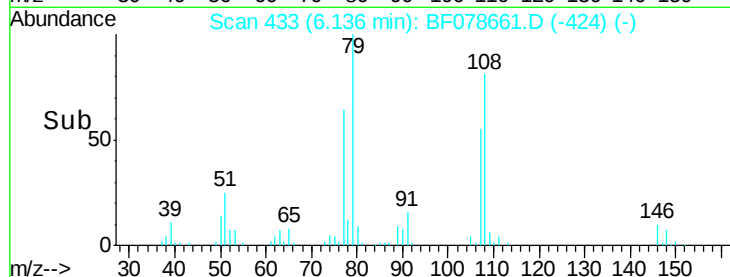
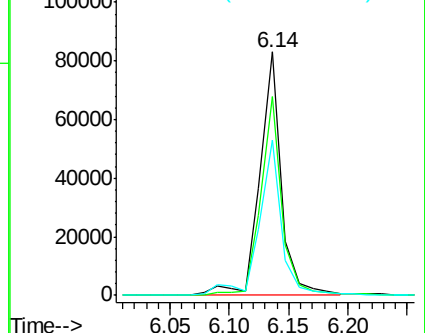
77 63.7 53.5 80.3



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: 40.03 ng

RT: 6.38 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

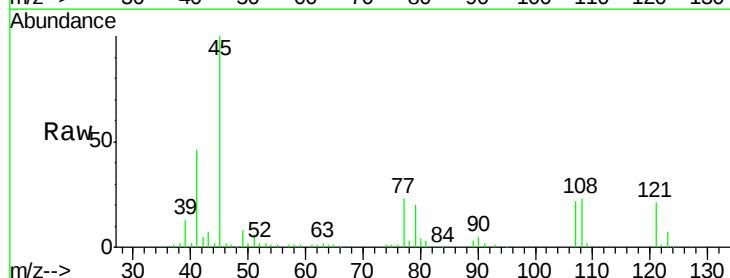
Tgt Ion: 45 Resp: 150830

Ion Ratio Lower Upper

45 100

77 23.0 0.0 34.5

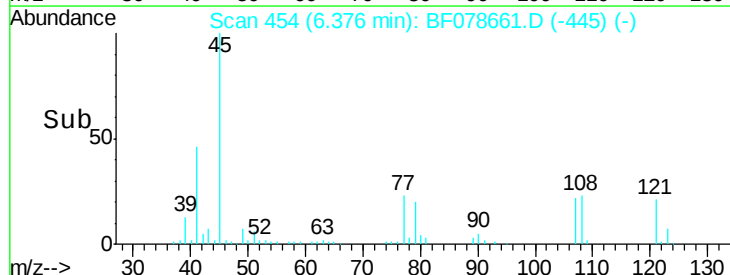
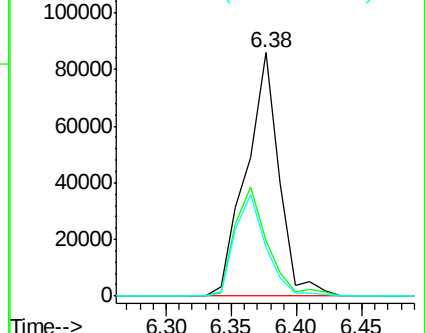
79 19.9 0.0 31.9

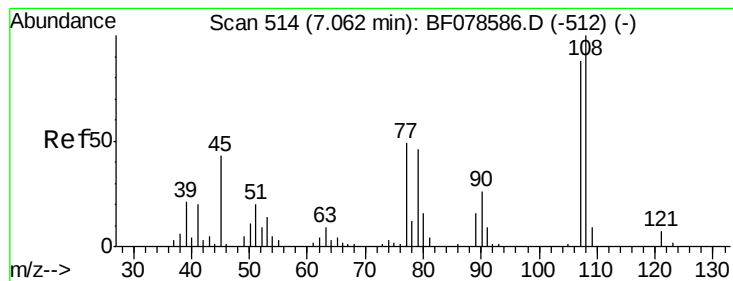


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.83 ng

RT: 6.36 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 100464

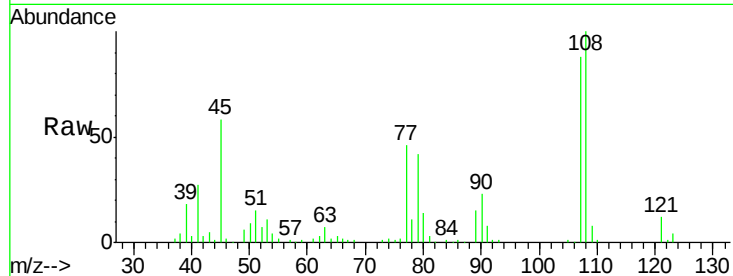
Ion Ratio Lower Upper

107 100

108 113.6 90.3 135.5

77 52.0 35.5 53.3

79 48.2 34.2 51.4

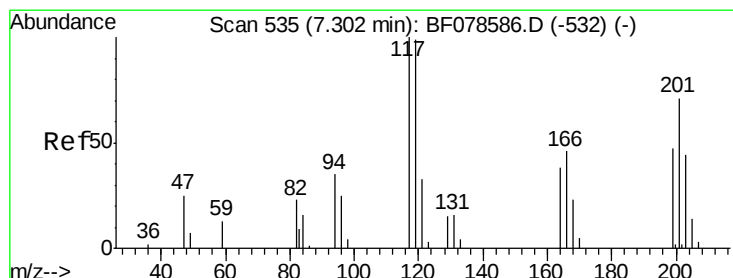
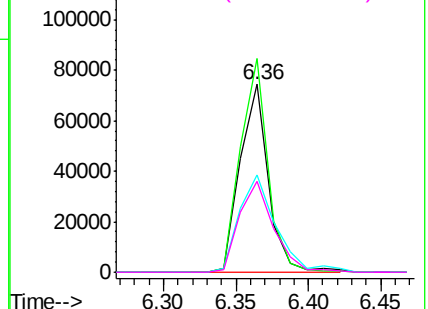
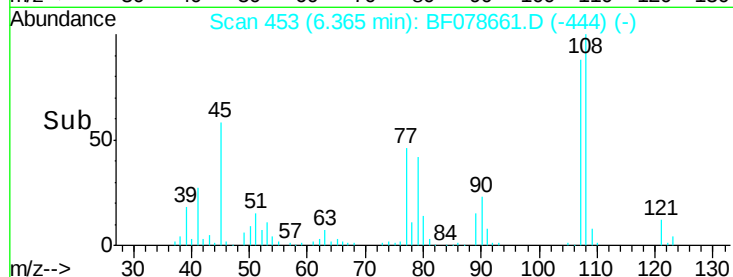


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.07 ng

RT: 6.66 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

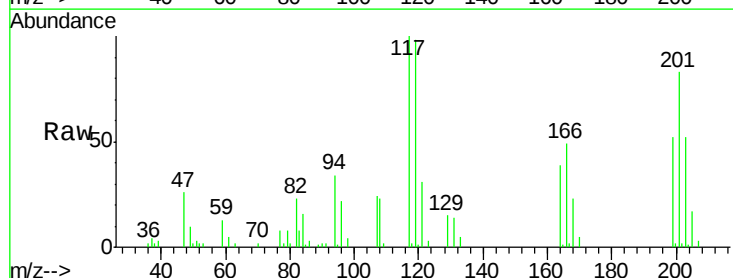
Tgt Ion:117 Resp: 48524

Ion Ratio Lower Upper

117 100

119 98.5 77.0 115.6

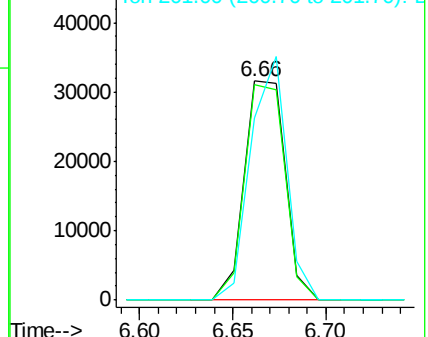
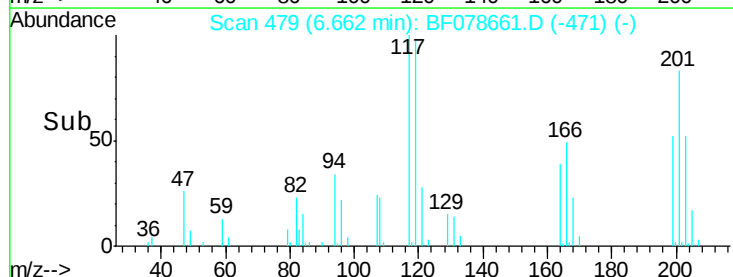
201 82.9 98.1 147.1#

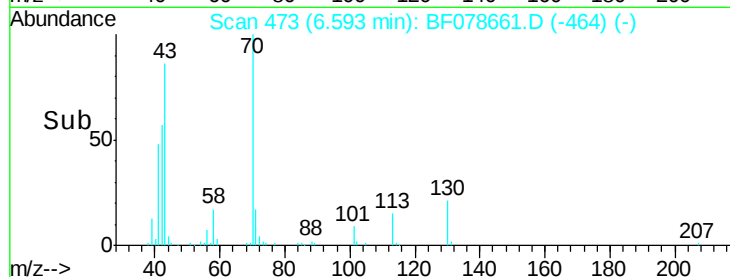
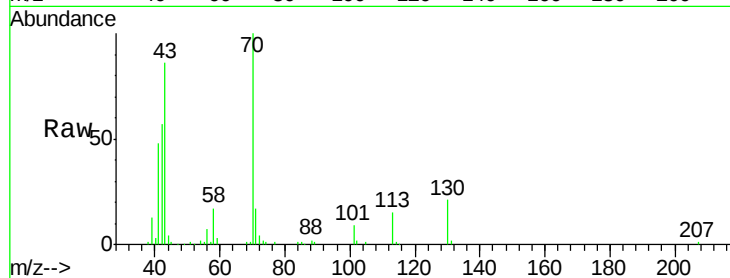
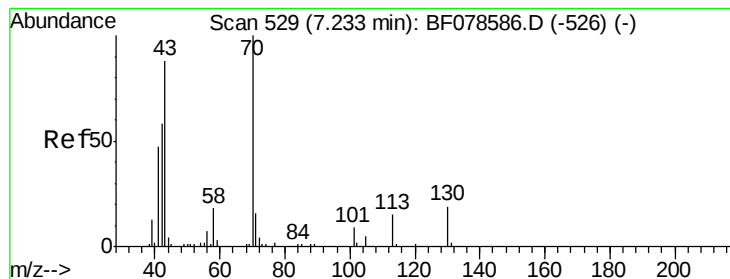


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.99 ng

RT: 6.59 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 90814

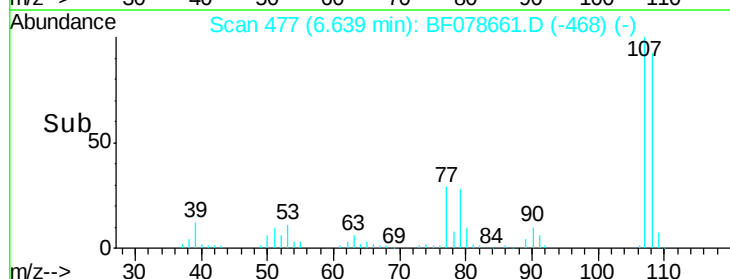
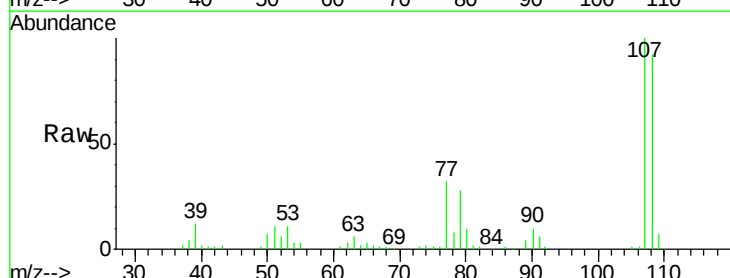
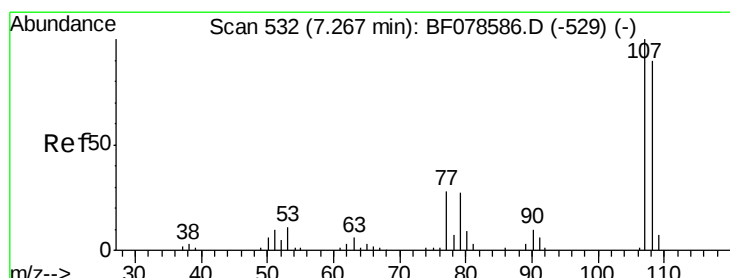
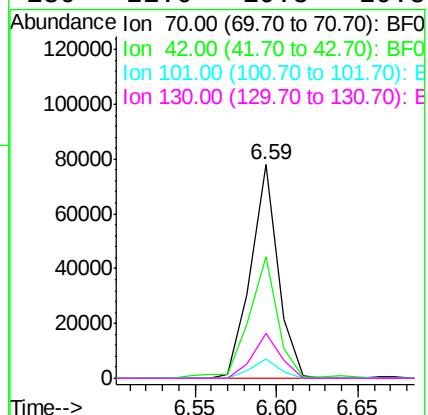
Ion Ratio Lower Upper

70 100

42 56.7 38.9 58.3

101 9.2 8.3 12.5

130 21.0 19.8 29.8



#20

3+4-Methylphenols

Concen: 41.39 ng

RT: 6.64 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

Tgt Ion: 107 Resp: 132601

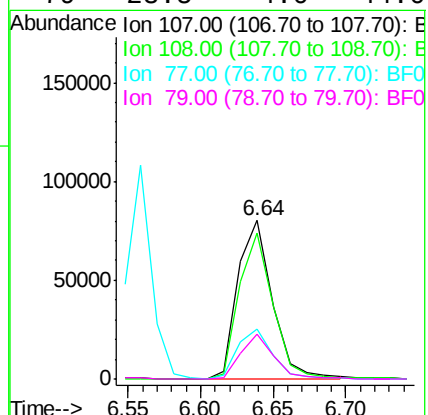
Ion Ratio Lower Upper

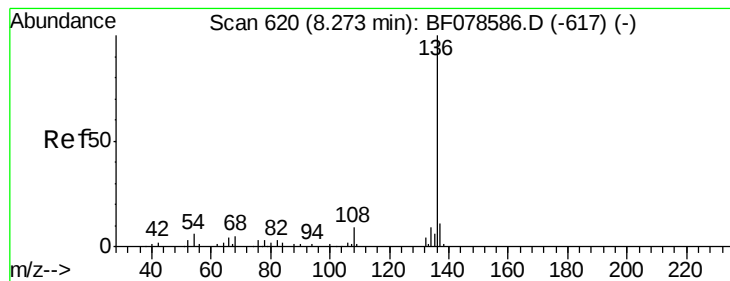
107 100

108 92.2 64.4 104.4

77 32.0 9.7 49.7

79 28.5 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 180177

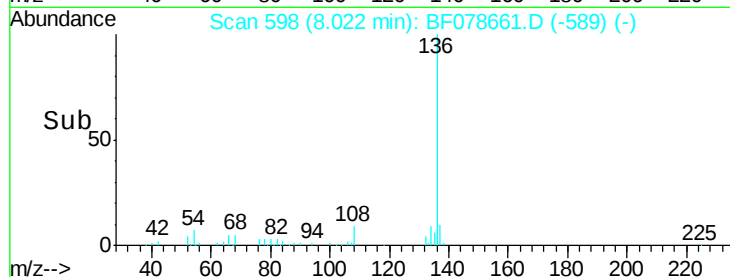
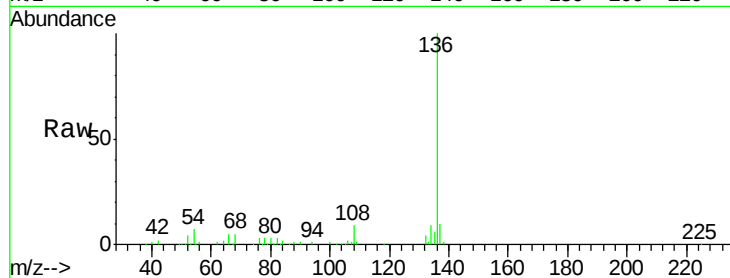
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 6.7 7.0 10.6#

68 4.9 5.4 8.2#

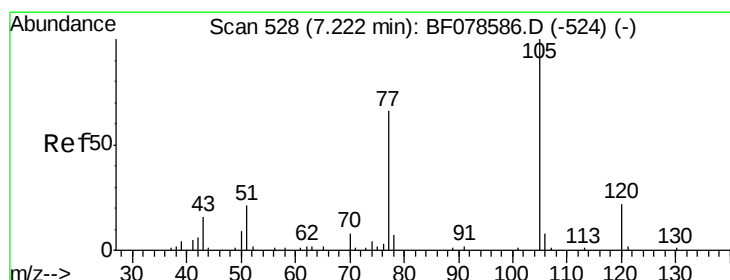
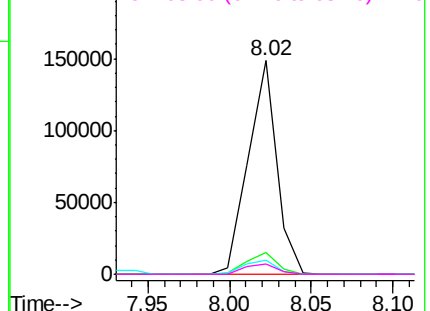


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.44 ng

RT: 6.56 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

Tgt Ion:105 Resp: 173962

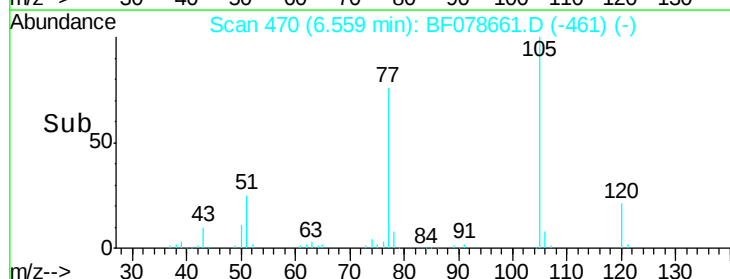
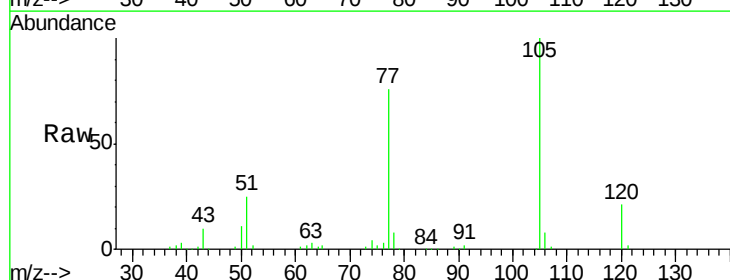
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 24.6 16.0 24.0#

120 20.7 17.8 26.6

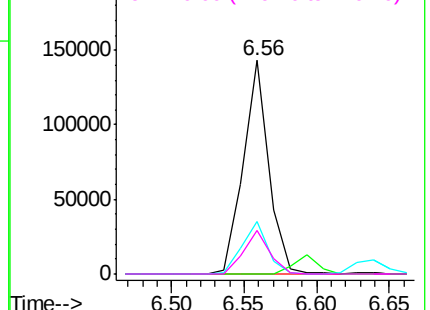


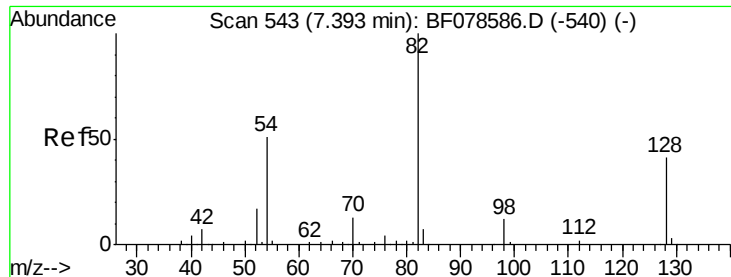
Abundance Ion 105.00 (104.70 to 105.70): E

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

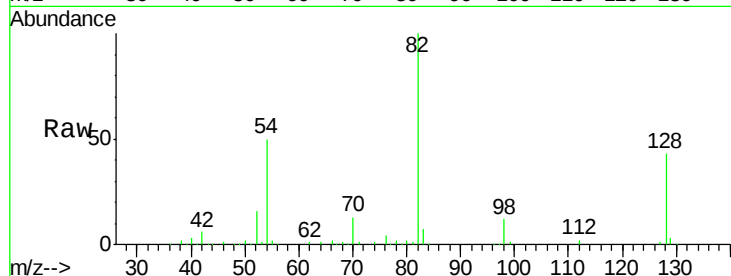




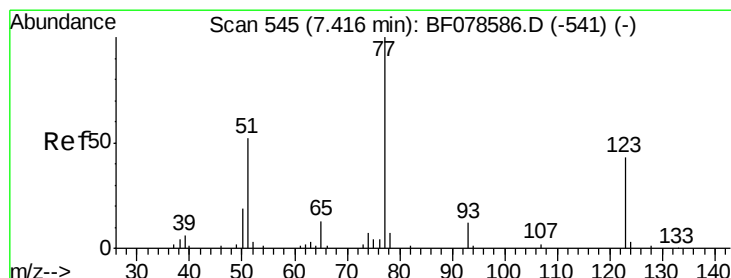
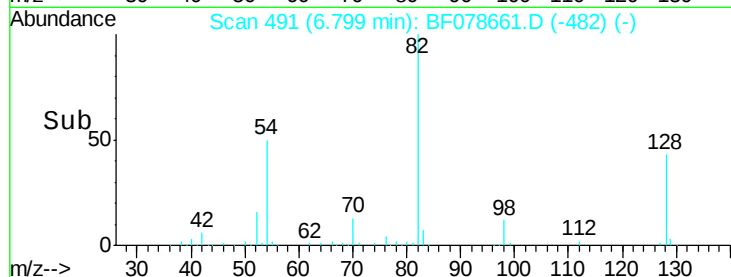
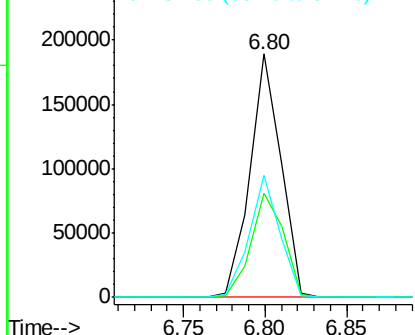
#23
 Nitrobenzene-d5
 Concen: 83.73 ng
 RT: 6.80 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF078661.D
 Acq: 20 Apr 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.8	47.8
54	50.3	41.5	62.3

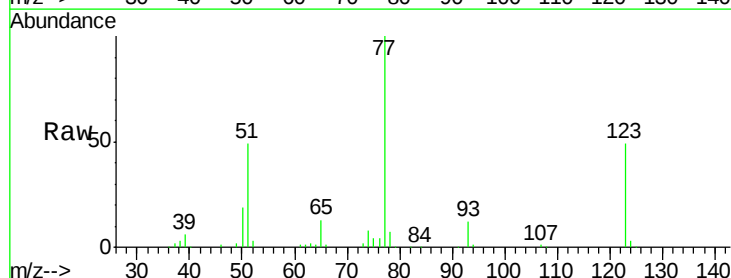


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

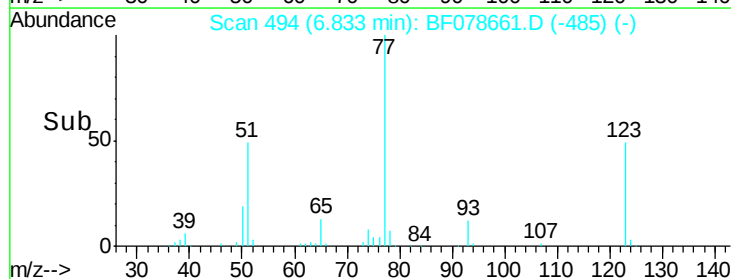
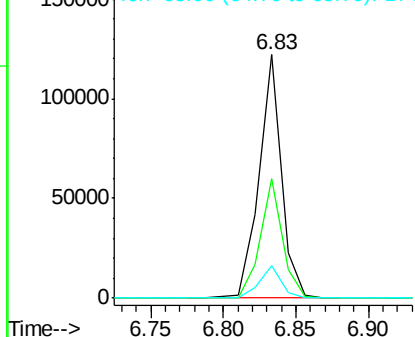


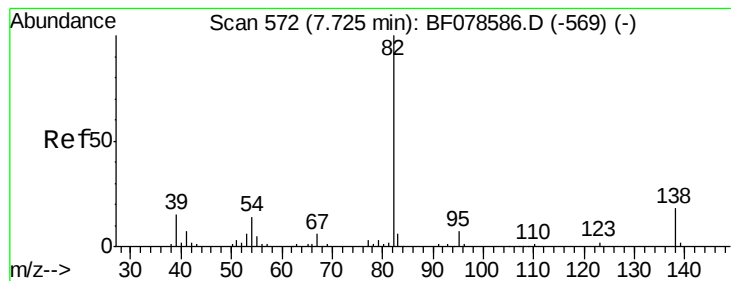
#24
 Nitrobenzene
 Concen: 42.23 ng
 RT: 6.83 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF078661.D
 Acq: 20 Apr 2015 23:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	46.9	70.3
65	13.1	9.5	14.3



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





#25

Isophorone

Concen: 42.70 ng

RT: 7.27 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

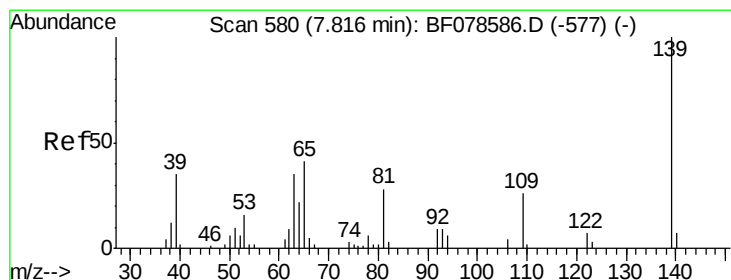
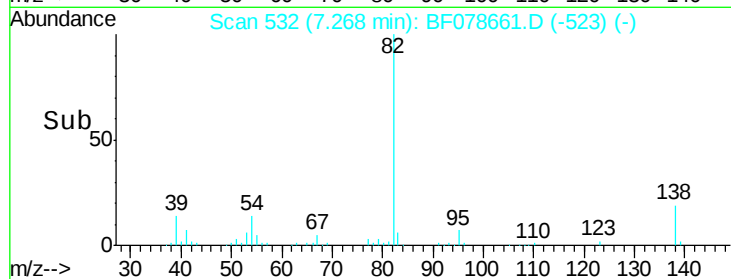
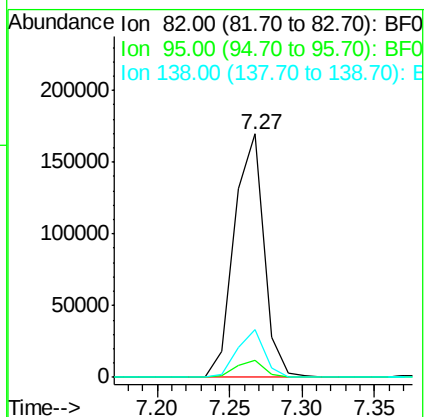
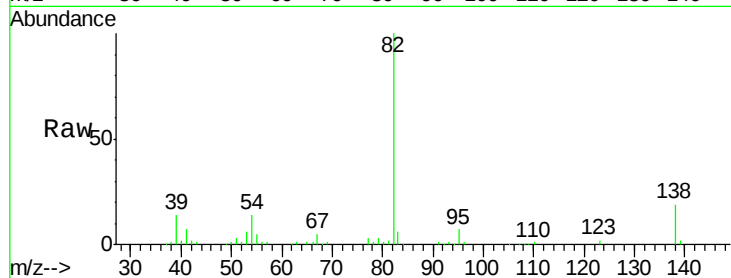
Tgt Ion: 82 Resp: 240921

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 19.4 15.8 23.8



#26

2-Nitrophenol

Concen: 44.55 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

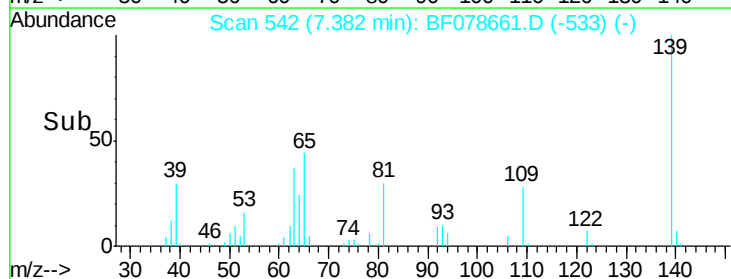
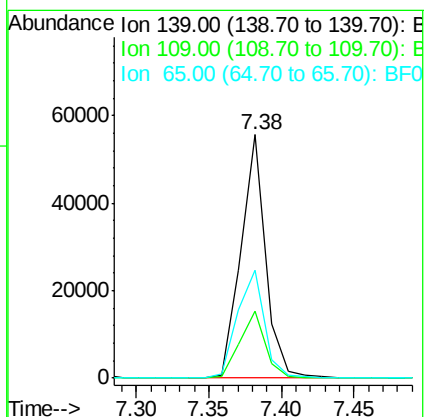
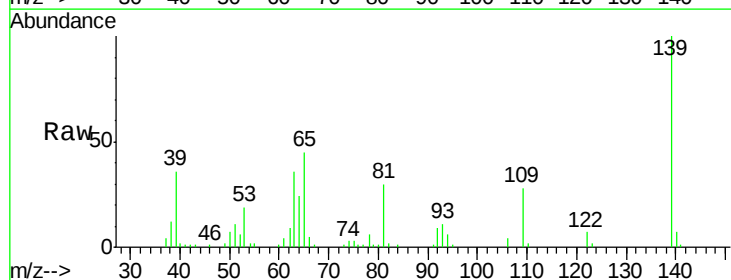
Tgt Ion: 139 Resp: 65970

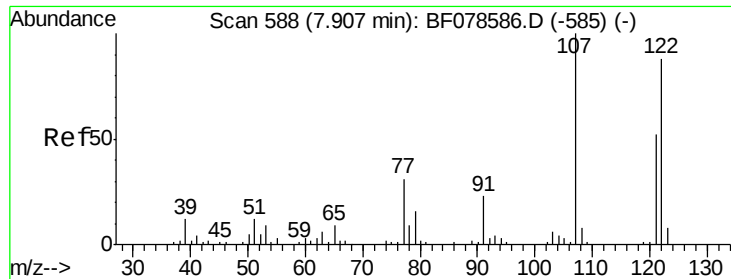
Ion Ratio Lower Upper

139 100

109 27.5 19.8 29.8

65 44.6 32.7 49.1

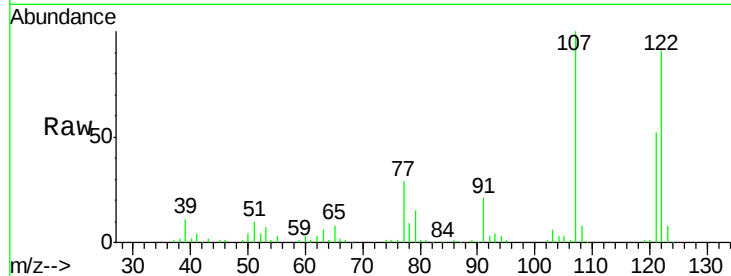




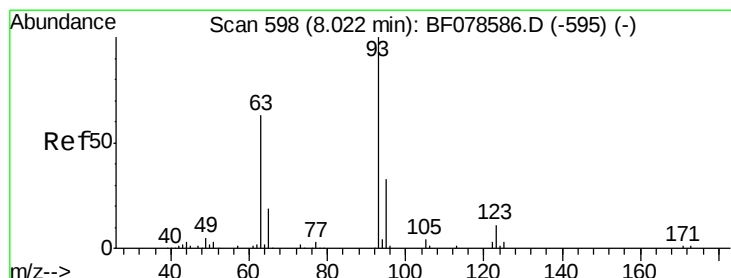
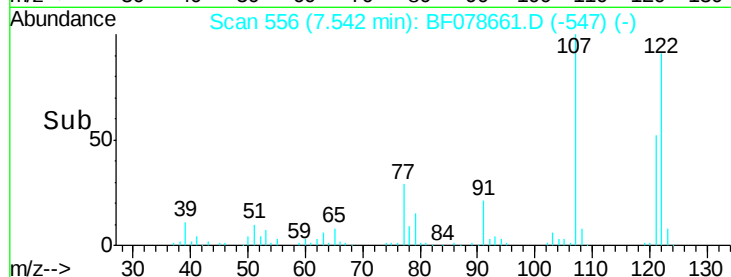
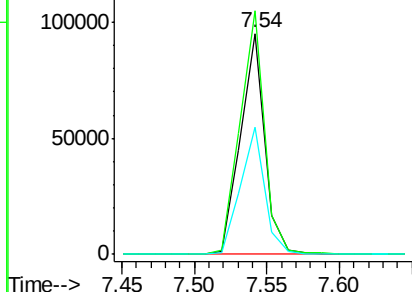
#27
 2,4-Dimethylphenol
 Concen: 39.92 ng
 RT: 7.54 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF078661.D
 Acq: 20 Apr 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:122 Resp: 109927
 Ion Ratio Lower Upper
 122 100
 107 110.2 84.6 127.0
 121 57.8 46.0 69.0

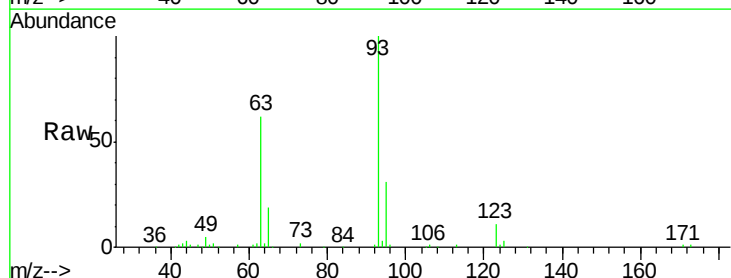


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

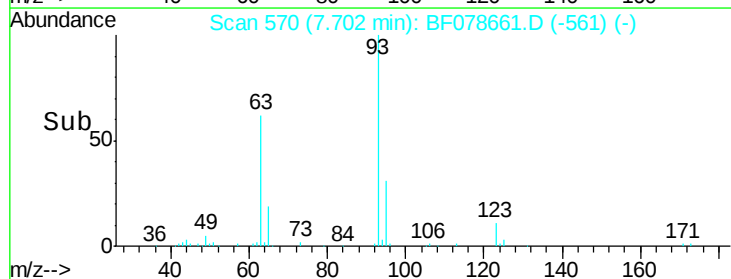
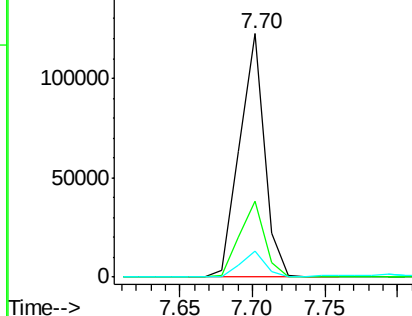


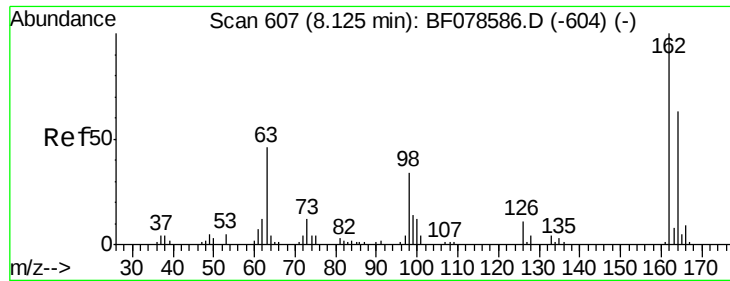
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.27 ng
 RT: 7.70 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF078661.D
 Acq: 20 Apr 2015 23:50

Tgt Ion: 93 Resp: 145685
 Ion Ratio Lower Upper
 93 100
 95 31.4 26.3 39.5
 123 10.9 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

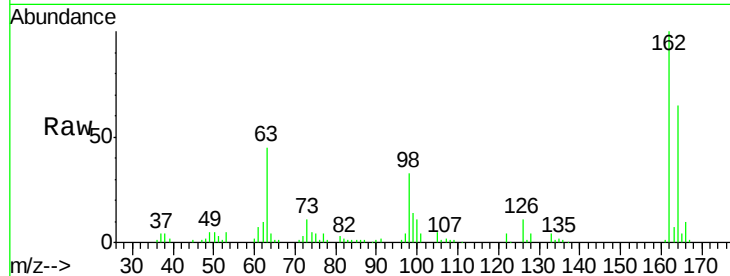




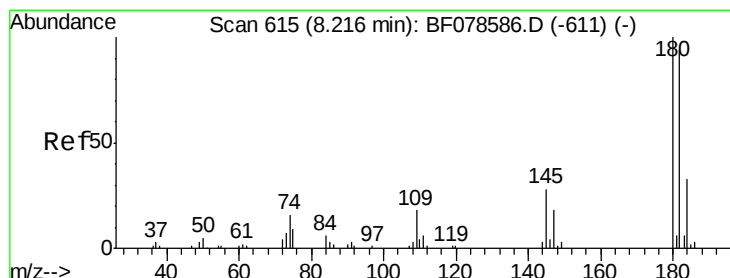
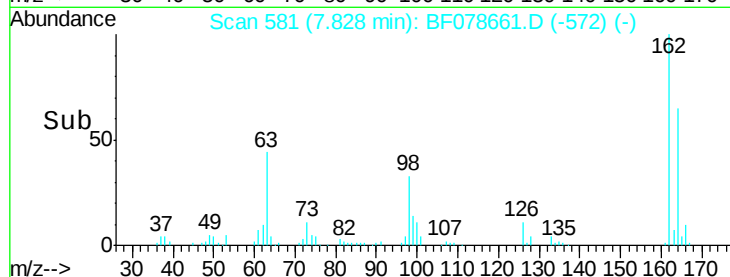
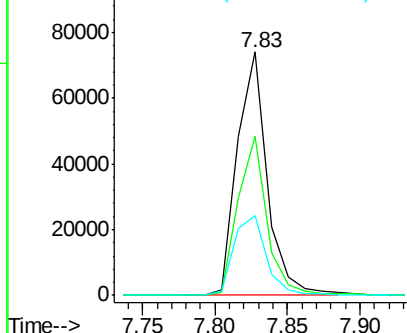
#29
 2,4-Dichlorophenol
 Concen: 42.41 ng
 RT: 7.83 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF078661.D
 Acq: 20 Apr 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Resp	Lower	Upper
162	106234		
162	100		
164	65.3	47.0	87.0
98	32.8	9.2	49.2

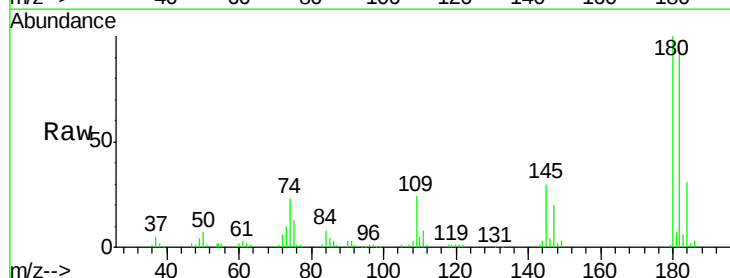


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

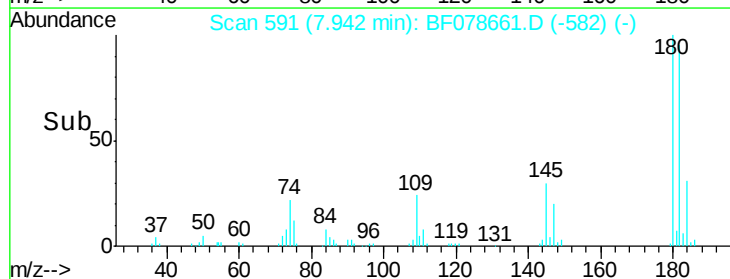
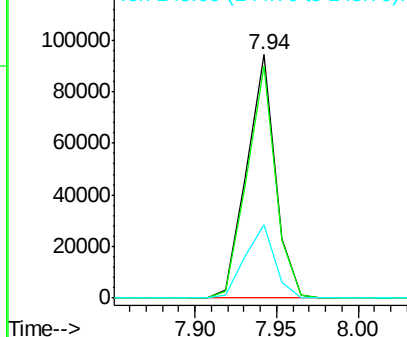


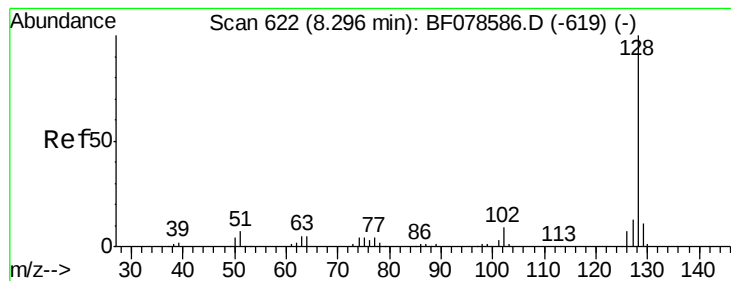
#30
 1,2,4-Trichlorobenzene
 Concen: 39.94 ng
 RT: 7.94 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF078661.D
 Acq: 20 Apr 2015 23:50

Tgt Ion	Resp	Lower	Upper
180	114735		
180	100		
182	95.3	76.9	115.3
145	30.3	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: 39.96 ng

RT: 8.06 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

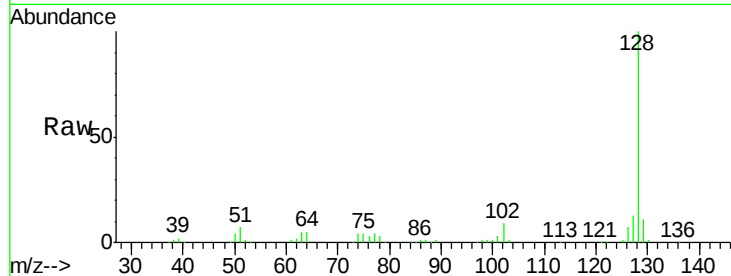
Tgt Ion:128 Resp: 374789

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

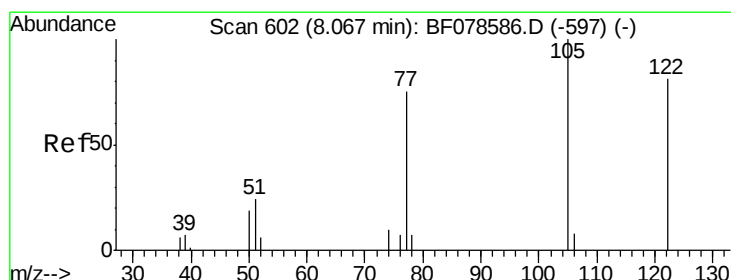
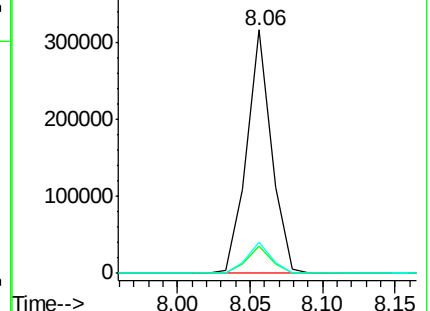
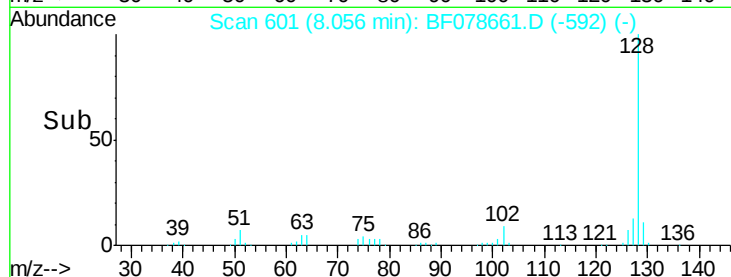
127 12.9 10.7 16.1



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: 35.60 ng

RT: 7.79 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

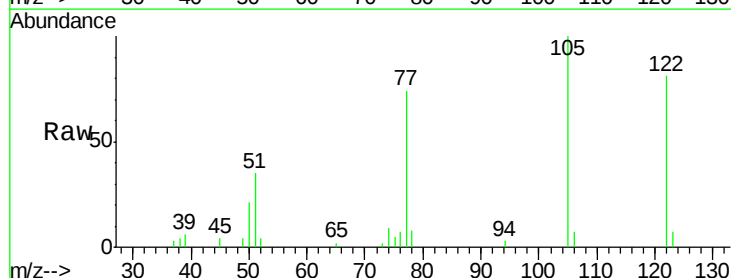
Tgt Ion:122 Resp: 43904

Ion Ratio Lower Upper

122 100

105 123.6 96.1 136.1

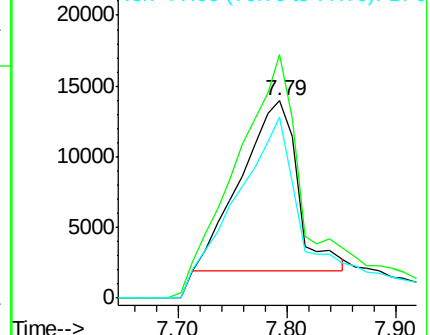
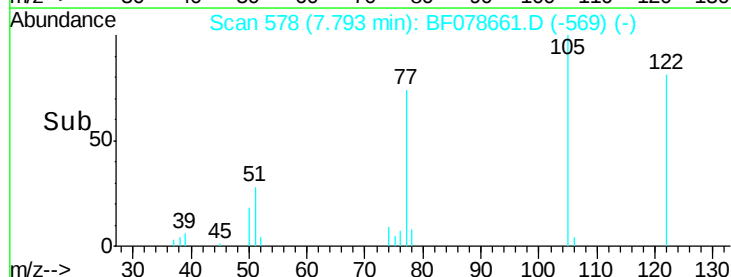
77 91.5 64.1 104.1

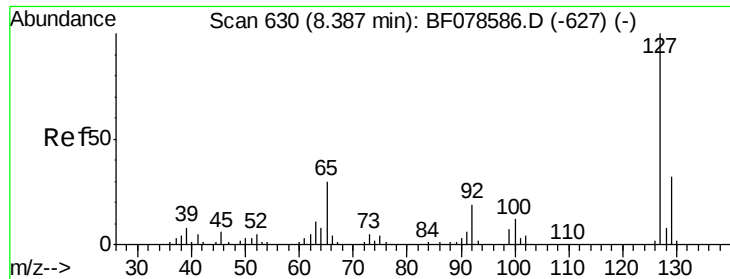


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

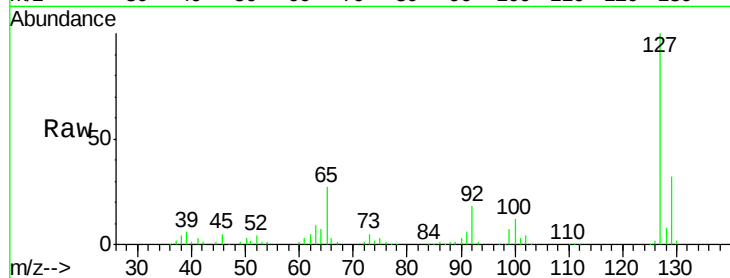




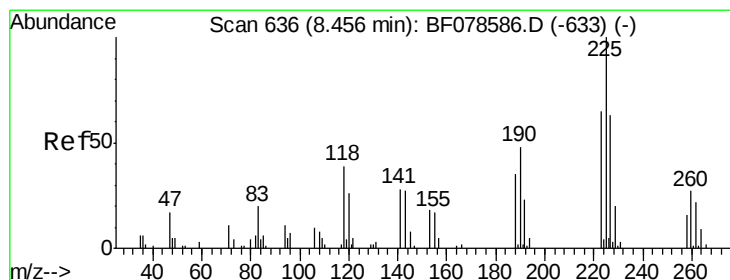
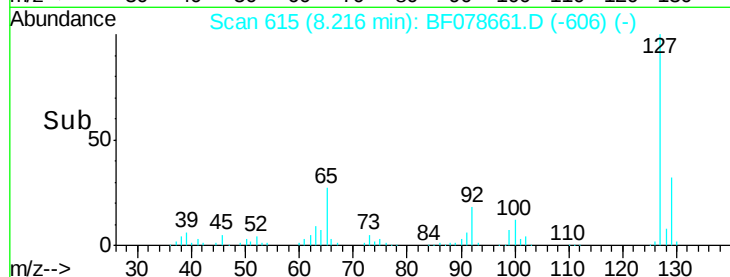
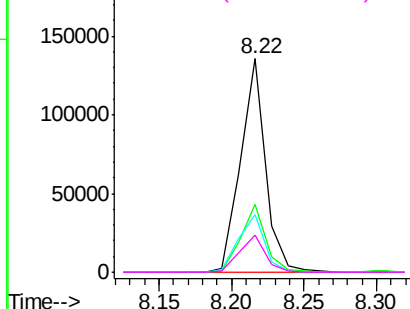
#33
4-Chloroaniline
Concen: 41.84 ng
RT: 8.22 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF078661.D
Acq: 20 Apr 2015 23:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	162806
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.5	38.3
65	26.8	21.7	32.5
92	17.6	14.6	21.8

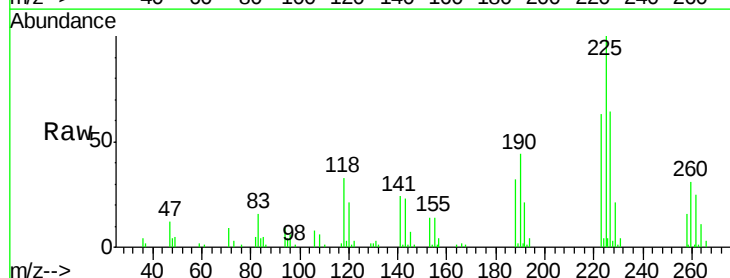


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

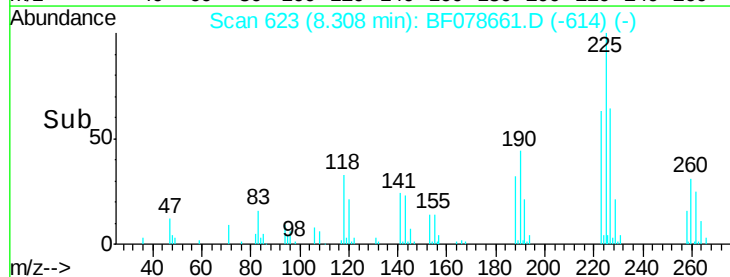
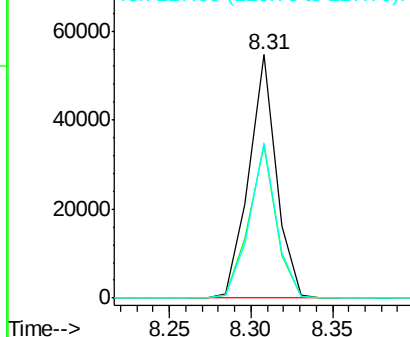


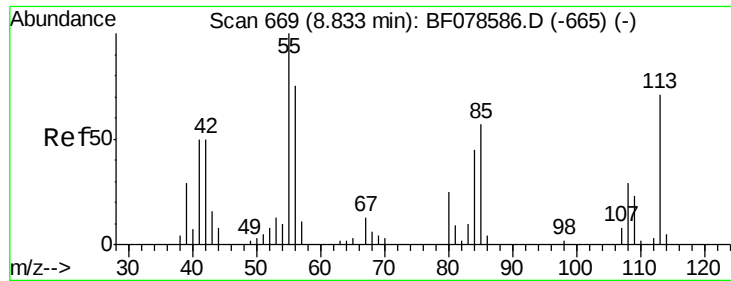
#34
Hexachlorobutadiene
Concen: 40.81 ng
RT: 8.31 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF078661.D
Acq: 20 Apr 2015 23:50

Tgt Ion:	225	Resp:	64356
Ion	Ratio	Lower	Upper
225	100		
223	62.5	47.5	71.3
227	63.6	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

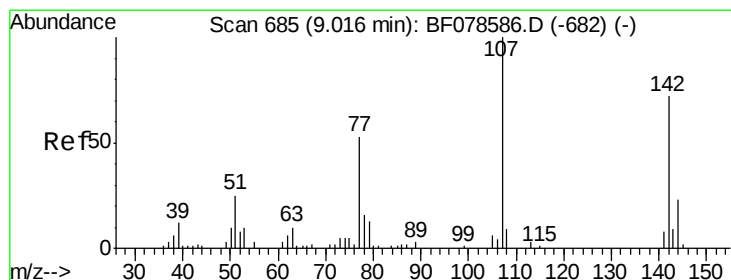
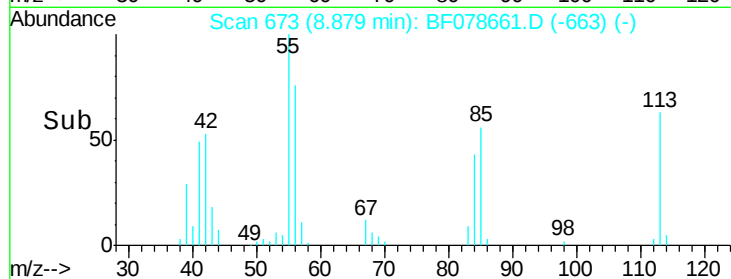
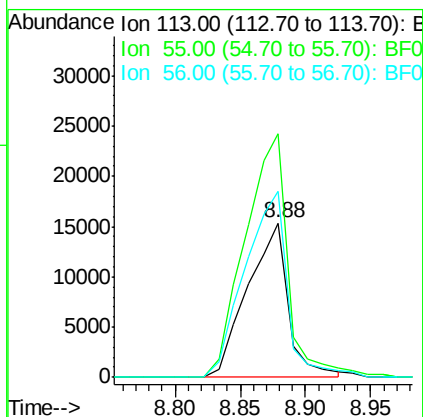
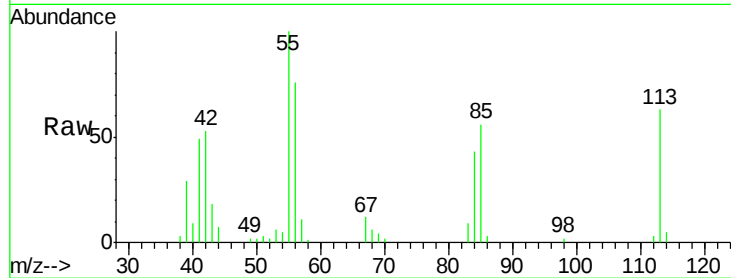




#35
 Caprolactam
 Concen: 44.62 ng
 RT: 8.88 min Scan# 673
 Delta R.T. 0.01 min
 Lab File: BF078661.D
 Acq: 20 Apr 2015 23:50

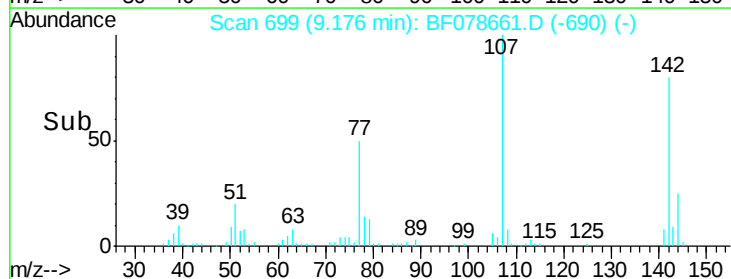
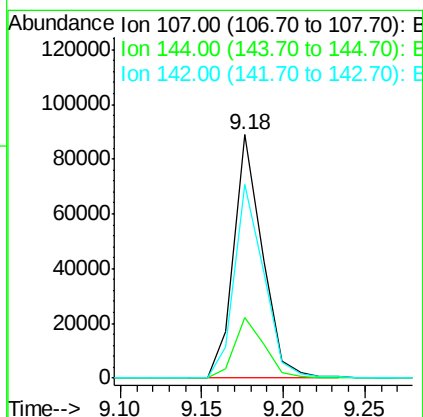
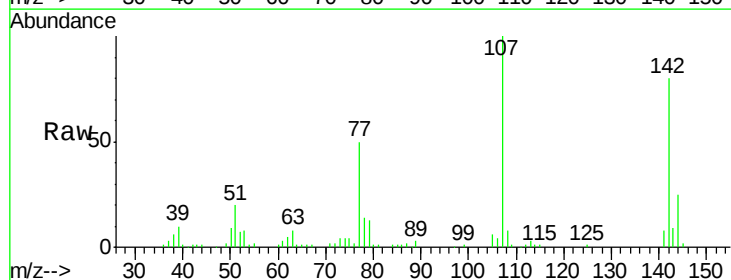
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

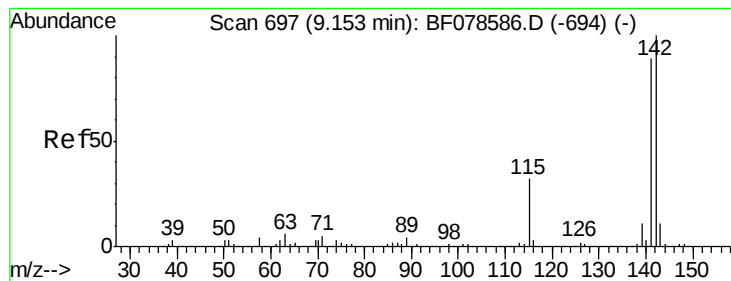
Tgt Ion:113 Resp: 33365
 Ion Ratio Lower Upper
 113 100
 55 157.7 151.9 191.9
 56 120.1 106.1 146.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.97 ng
 RT: 9.18 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF078661.D
 Acq: 20 Apr 2015 23:50

Tgt Ion:107 Resp: 108608
 Ion Ratio Lower Upper
 107 100
 144 24.6 18.2 27.2
 142 79.6 58.0 87.0





#37

2-Methylnaphthalene

Concen: 39.85 ng

RT: 9.31 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

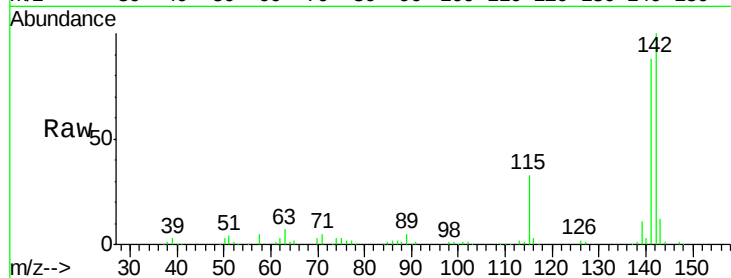
Tgt Ion:142 Resp: 253734

Ion Ratio Lower Upper

142 100

141 87.5 70.3 105.5

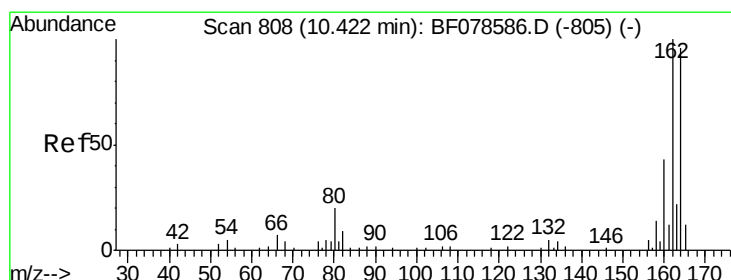
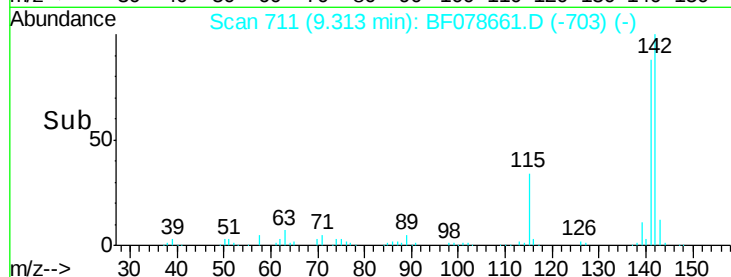
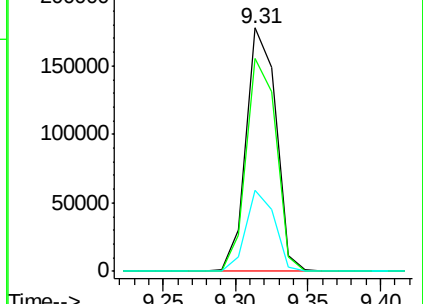
115 33.5 24.6 37.0



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: 11.21 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF078661.D

Acq: 20 Apr 2015 23:50

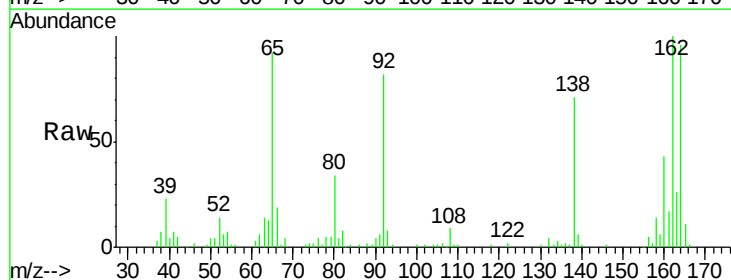
Tgt Ion:164 Resp: 88548

Ion Ratio Lower Upper

164 100

162 103.8 82.2 123.2

160 44.8 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

